



## HANK'S SWAP SHOP

Hank Davis, W6DTV 7822 Washington Avenue  
Phone 823-7885 Sebastopol, CA 95472  
(Noncommercial ham ads are printed for free)

FREE: MODEL 33 ASCII printer with serial  
RS-232 port. John KA6DJY 544-5330.

YAESU FT901DM xcvr, SP901 patch, YP150 dummy  
load/pwr mtr. \$550. Jud N6QAV 829-3621.

WANT: MFJ TNC, ICOM 27A or 28A 2 mtr xcvr.  
Lyle WW6F 526-3233.

SYNERTEK KTM-2/80 80 line, 24 column  
computer terminal, RS-232, 110-9600 baud.  
AMDEK 100G 12-inch green screen monitor,  
both for \$25. Clyde N6RIG 527-5468.  
B&W lowpass filter 1.8-30 MHz, 1 KW, \$15.  
SOFTWARE for IBM clones & C-64. Inquire.  
MACAW DPM-1 SWR/pwr meter 1.8-150 MHz  
20/200/1kw \$35. Hank W6DTV 823-7885.

SEARS/YAESU 2M XCVR 146-148 MHz \$50 firm.  
Jim N6PTM 823-7947.

HEATH HW-101 best offer. Walt N6OH 763-0476.

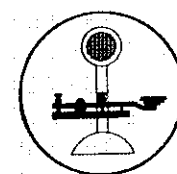
WANT: JOHNSON Signal Sentry 250-25 and  
Johnson Matchstick 137-102. Tracy WB6TMY  
762-9414.

Sonoma County Radio Amateurs, Inc.  
PO Box 116  
Santa Rosa, CA 95402

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# SHORT SKIP



Sonoma County Radio Amateurs, Inc.

MARCH 1990

Club Station  
W6LFJ

P.O. Box 116  
Santa Rosa, CA 95402

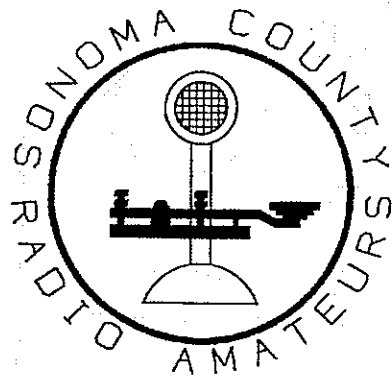
Repeater Station  
WB6PVS

VOL 15 # 3

## PICTURES FROM MARCONI'S PAST



Why am I showing you all this?  
(See this month's minutes.)



## OFFICERS FOR 1990

PRESIDENT: John Wallack W6TLK 833-1873  
 VICE PRESIDENT: Jim Pelmulder N6PTM 823-7947  
 SECRETARY: Alan Bloom N1AL 538-7115  
 TREASURER: Philip Gaul KC6BSI 544-2572  
 MEMBER-AT-LARGE: John Breckenridge WB6FRZ 838-6398  
 ACTIVITIES CHAIR: Chuck Sabin N6DDK 795-2371  
 REPEATER CHAIRMAN: Jim Rutherford WB6PER 526-2972

EDITOR: Alan Bloom N1AL (e) 538-7115  
 1578 Los Alamos Rd, Santa Rosa, CA 95405 (d) 577-3981  
 CIRCULATION MGR: Harvey Lawrence K6KZ  
 ADVERTISING MGR: John Wallack W6TLK 833-1873  
 SWAP SHOP: Hank Davis W6DTV 823-7885

ARRL LIAISON: Alan Bloom N1AL 538-7115  
 ASST. DIRECTOR: Chuck Sabin N6DDK 795-2371  
 BADGE CHAIRMAN: Philip Gaul KC6BSI 544-2572  
 CLUB HISTORIAN: Connie Freitas N6FYV

## ACTIVITIES COMMITTEE:

PROGRAMS: (OPEN)  
 PUBLIC SERVICE: Bill Splaine N6GHG 431-8636  
 FIELD DAY: Don BoosingerKD6HQ 546-1217  
 EDUCATION: Tracy Reese WB6TMY 527-8124  
 +WD6CKP WB7CNJ WB6FRZ WA8LLY  
 TVI/RFI: John Lynch W6CCY 823-1357  
 HOMEBREW CONTEST: Steve Lund WA8LLY 823-4544  
 AWARDS: Steve Lund WA8LLY 823-4544  
 VEC EXAMS: Steve Lund WA8LLY 823-4544  
 +N1AL WN6D WW6D WW6F WB6FRZ K6UXO  
 REFRESHMENTS @ MEETINGS: Bob Oisten WD6DPE  
 GREETER AT MEETINGS: Jane Vanderslice N6NTB  
 MEMBERSHIP LOTTERY: Bob Scolnick K6GEV  
 QSL MANAGER: Doug Bender WW6D

## REPEATER CONTROL Op's:

WD6CKP Hoppy 542-6750 N6ONZ Garry 584-3425  
 WB6PER Jim 526-2972 W6TLK John 833-1873  
 WB6UAZ Kathi 544-7943 WN6D Jim 544-7943  
 N6PTM Jim 823-7947  
 PACKET COMM: AT N1AL, Jim WN6D, Rich KA6SSL

## SHORT SKIP ADVERTISING RATES:

Business cards: \$10

\$11 First 1/4 Column  
 \$3 Additional 1/4 Columns  
 (\$32 Full Page, 1 side)

Pre-printed inserts: \$32/sheet

Guaranteed circulation: 200/month  
 AD DEADLINE: 10th of previous month

## ARE YOU NOT AN SCRA MEMBER?

IF SO, then this is a complimentary copy. Our club is involved with almost every area of Amateur Radio: Repeaters (13/73), Field Day, license classes (Novice through Extra), volunteer exams, RACES, DX programs, packet (145.03), hidden xmtr hunts -- you name it.

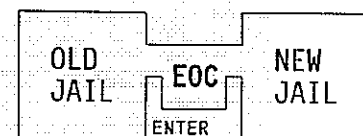
We invite you to attend our next monthly meeting (see below) or check into the Tuesday night SCARS net on the 146.13/73 repeater at 7:00 PM. You will hear the latest Westlink Amateur Radio News broadcast, announcements of SCRA activities, and a Swap Shop. If you would like to join SCRA, please refer to the dues listed below. Hope to have an "eyeball" QSO with you at the next meeting! 73 ...

## CLUB MEETINGS:

7:30 PM, 1<sup>st</sup> Wednesday each month at the EOC (Emergency Operations Center, see map below) Anyone interested in ham radio is welcome.

NEXT MEETING: March 7, 1990  
 PROGRAM: "10 Steps to DXCC" by Chod Harris VP2ML, Editor of *The DX Bulletin*  
 DUES: \$12 per year, plus a one-time \$4.00 initiation fee. Dues are pro-rated \$1/month for new members. With membership, comes an SCRA call/name badge. Family membership: \$18

S <---- HIGHWAY 101 ----> N



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## DX NEWS

**DXCC DESK.** 5 band DXCC is now endorsable for 17 and 12 meters for those who already have qualified for 5BDXCC on the basic 80, 40, 20, 15, and 10 meter bands. Send SASE to HQ for the endorsement application form.

The following operations are now being credited for DXCC: LU6ELF/D2 Angola, and XW8CW, XW8D, XW8KPL, and XW8KPV Laos.

**MARSHALL ISLANDS.** V73AS, aka KX6DC is active on 3795 kHz from 0630 to 0800z on Tuesday, Thursday & Saturday. He'll accept skeds for 160 meter QSOs when found on 75M.

**ETHIOPIA.** PA3CXC has a license in hand for ET operation. John plans on activating this one in early March just before his planned STØ operation which will take place in mid March. The ET license is valid for 1 year.

**SAN ANDREAS.** Jim, N3JT, is now very active as HKØ/N3JT on 160-10 meters including RTTY.

**BURMA.** Rumors have been floating around the band that the HA group that activated 3W and XW8 are about to make the headlines once more by activating this one.

Jacky, F2CW, hopes to go to South Sudan in mid March and wishes for the call of 6UØCW.

**MADAGASKAR.** 5R8JS has been active with the list operation on 14256 kHz between 0300 and 0328z. QSL via F5IL.

**MACAO.** Steve, KU9C, will sign XX9SW from March 2 through 5. Look for him during the the ARRL DX Contest on SSB. He also plans to operate from 9V and VS6 during early to mid March, but the schedule is not firm.

**CAMEROON.** TJ/AH6JQ and XYL TJ/N3CRH have been very active on the bands. They spend some time with the DX Net on 21355 kHz around 2100z.

**AVIS ISLAND.** Martti OH2BH and some Venezuelan operators will be going to Avis for the last two weeks of March. Martti will be active on RTTY. From Avis he will be going to Jarvis and Conway reef.

**SPRATLY.** Rumors are flying again about a DXpedition to Spratly. RL8PYL, Alex, and Japanese operators are planning for the last half of March. Two helicopters plus military escort are being requested for this 5 station/5 band/all mode operation. Keep your fingers crossed.

**BOUVET.** The QSL process has begun with not in log replies being handled first. Those who made it into the log can expect cards sometime in April at the earliest.

**EASTERN KIRIBATI.** T32LB will be on RTTY from March 22 through 27.

**ANGOLA.** It is reported that D2ALA has been on 20 meter RTTY at 14085 kHz around 1800z.

**KERGUELEN and CROZET.** This operation should be active now on all bands and modes. Callsigns are FT5XA, FT5XH, FT5XI and FT4WB. QSL FT5XA via FD6IDT. QSL FT5XH via F2CW.

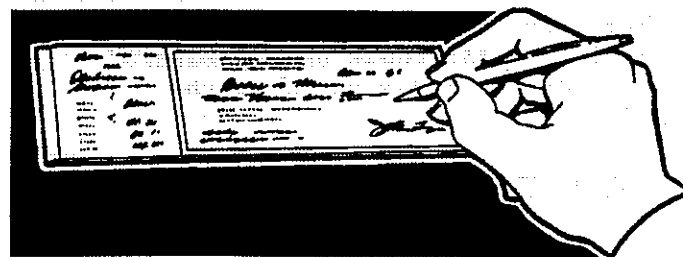
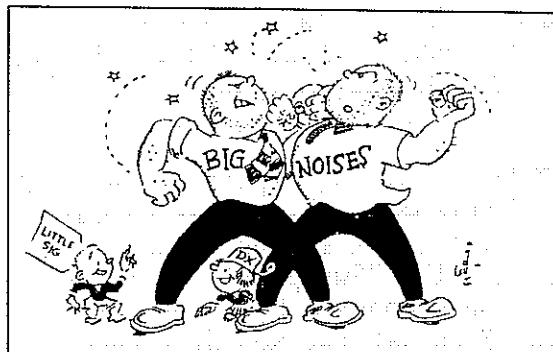
**WESTERN SAHARA.** SØ activity is anticipated for the first week in March with calls of SØ1EA, SØ2EA, SØ4EA and possibly SØ1LYNX. QSL to the Lynx DX Club.

**ALGERIA.** EA9JV hopes to go to 7X for a one week stint.

**SOLOMON ISLANDS and VANUATU.** This DXpedition by DL5UF, DK1CE and DF5WA is going until March 4. Check 5 kHz up for CW on 80 through 10 meters. For SSB try 3795, 7075, 14195, 21195 and 28495 kHz. QSL DK1CE via DJ9ZB and others via home calls.

**FSM.** Listen during the SSB weekend of the DX test for V63AA from the Federated States of Micronesia. They were active on CW.

Thanks to WB2CJL, the Western New York DX Association and W1AW for this info.



It's that time of the year again! If there's a red "Dues are due" stamp next to your mailing label, get out the checkbook. Either pay the Treasurer at the next meeting or mail it to POB 116, Santa Rosa, 95402. ■

## REVERSE TVI?

Two representatives from Post-Newsweek Cable TV attended the last SCRA Board meeting. General Manager John Gosch and technical guru Charlie Fleshman wanted to be sure we are aware that channel "E" (18) is coming to Santa Rosa.

Channel "E" has a carrier frequency of 145.25 MHz. The channel extends from 144 to 150 MHz -- the worst potential interference is close to the carrier frequency. Of course, the cable system is supposedly shielded, but connectors corrode, wires break, and customers add their own unauthorized "improvements", so leaks can happen. The leaks can be in either direction -- QRM from the cable system to our 2 meter rigs and TVI to the TV sets.

Post-Newsweek's coverage area is roughly bounded by Highway 12 on the South, Fulton Road on the West, and River Road on the North, and extends East out to Kenwood.

They have been transmitting an unmodulated carrier since October, but the proof of the pudding will be when the modulation is turned on March 1. They suggested that, if there is a problem, they could move the carrier frequency a bit, but this would be problematical since we have local repeaters both above and below (145.19 and 145.35).

We ask that everyone send all interference complaints through Al Bloom N1AL (Phone # on page 2). This way, we can get an idea of how serious the problem (if any) is. ■

## IS MY FACE RED!

Remember what I said last month about filling out your QSL card carefully -- About how you should be especially careful with the time and date?

I recently got back my card I had sent to 3W8CW (Vietnam) marked "wrong date". I worked them in November. "Eleven" is "IX" in Roman numerals, right? ■

## PROPOSED BYLAW CHANGE

At the last meeting, Hank W6DTV moved to amend Bylaw #3 to set the Repeater Fund upper, maintenance and lower limits (now \$2000, \$1600 and \$1000) to \$750. This will be voted on at the March meeting. ■

## THOSE DISAPPEARING SPOTS

In case you didn't know, right now we are sitting on the peak of the 11-year sunspot cycle. This means that working DX on the 10 meter band is about as good as it ever gets.

Don't miss out! Those spots won't last forever! Get on the air and work some DX. Come to the next club meeting and listen to an expert tell you how. SCRA member Chod Harris VP2ML is the editor of *The DX Bulletin*, perhaps the premier DX newsletter in the country. I expect his talk "10 Steps to DXCC" will tell us all we need to know. ■



# THE CHANGING ROLE OF AMATEUR RADIO IN EMERGENCY COMMUNICATIONS

By JOHN WALLACK W6TLK

I recently attended a seminar entitled "Lessons Learned From the Quake of '89" for hospital safety and plant operations people involved with disaster preparedness. Each speaker emphasized the increased need for rapid and reliable communications following a major disaster such as an earthquake.

## LESSONS OF OCTOBER 17

Amateur Radio was available to many hospitals in the Bay Area during or shortly after the October 17 quake. One major health care provider had 2 meter transceivers already in place at each of their hospitals. These radios were installed as a result of the Coalinga quake several years ago. They learned a valuable lesson and put that knowledge to work. Many other hospitals have now learned the same lesson.

But it's fairly easy to buy and install a back-up emergency communications radio. What's needed, of course, are properly-licensed and trained Amateur Radio operators who are willing and able to get to and operate these radios under emergency conditions. This may be a serious problem when "The Big One" hits.

The October quake was considered moderate and was centered in a fairly remote area in the Santa Cruz hills. 62 lives were lost, mostly under a collapsed freeway in Oakland. Experts are now focusing on the Hayward Fault in the East Bay for the next big shaker. If the very same October earthquake had been centered in the East Bay, they estimate there would have been from 1500 to 3500 deaths and 75,000 injuries! And that still would not have been "The Big One"!!!

A 1980 Federal Emergency Management Agency study stated "the nation is essentially unprepared for the catastrophic earthquake that must be expected in California in the next three decades... with disruption of communications, social fabric and government

structure. *The impacts of such an earthquake would surpass those of any natural disaster thus far experienced by the nation.*"

## THE AMATEUR CONNECTION

How does this affect us? Well, as the sobering reality of a major quake filters through hospital administrators' minds, they are realizing that rapid and reliable emergency communications are not just a desire, but a very real need. We as Amateurs, with our capability for both local and out-of-state communications, represent a readily-available resource that hospitals can tap at low cost.

Most (soon all) hospitals have included in their Disaster Plans a section called "Amateur Radio". In that section, it is stated that Amateur Radio communications will be provided for them very soon after a disaster. They have come to consider this as their right. Some hospitals have gone so far as to recruit hams from their surrounding neighborhoods if they haven't had support from local ham groups.

## OUR CHALLENGE

Is this good? Well, we've been preaching for many years how good we are and that we want to operate in emergency situations. Now people are not just listening, but are down right demanding that we be there when the going gets tough. We must be well-trained as emergency communicators and respond when needed. The general public is going to rely on us to be there when the next big quake hits. We are receiving more recognition for being dedicated, skilled communicators in the face of disaster. It may soon be that the only thing "amateur" about Amateur Radio will be our name.



N6VAV assists an operator at Marina Middle School shelter in S.F. last October. (KC6AAN photo. Tnx ARRL Field Forum)

## SCRA MINUTES

February 7, 1990



The meeting was called to order by President John Wallack W6TLK at 7:35PM. Other officers present: Vice President Jim Pelmulder N6PTM, Secretary Al Bloom N1AL, Treasurer Phillip Gaul KC6BSI and Members-at-Large Chuck Sabin N6DDK and John Breckenridge WB6FRZ.

The MINUTES were approved as printed in *Short Skip*. m/s W6DTV/N6FYV

The TREASURER'S REPORT by Treasurer KC6BSI was approved. m/s N6DDK/WA8LLY

The REPEATER REPORT was given by W6TLK in WB6PER's absence. The County recently realigned the '73 repeater -- the audio is better now. We've been getting interference from a new paging system link between Napa and Novato.

EDUCATION: John WB6FRZ notes that 3 of his students passed their Novice exam last week. This makes a total of 5 passed so far. Another class (1 person left after dropouts) has another 9 weeks to go.

VEC EXAMS for Novice thru Extra are next Sunday, according to Steve WA8LLY.

A NET CONTROL STATION for the club net is needed for next month.

The HOMEBREW CONTEST is coming up in April. Steve WA8LLY discussed previous events.

A SPECIAL OPERATING EVENT is coming up: We have been invited to set up a station and display at the old Marconi wireless station (now a state park) at the grand opening in late May/early June. It will be a Saturday and Sunday, date to be announced. We will invite other area clubs to participate.

REPEATER FUND: Hank W6DTV pointed out that with reduced autopatch privileges we may lose a few members. Also the treasury is low now because the "Swampfest" in September didn't raise much money. Hank moved to amend Bylaw #3 to set the Repeater Fund

upper, maintenance and lower limits (now \$2000, \$1600 and \$1000) to \$750. This means we would not have to put 1/2 of all dues money into the Repeater Fund. m/s W6DTV/N6MRV N6PTM stated that last year, all repeater expenses were for peripheral items that totaled well under \$750. The motion will be voted on at the March meeting.

NEW SHORT SKIP CIRCULATION CHAIRMAN. Tracy WB6TMY announced he is looking for someone to take over the job of folding, stapling and mailing *Short Skip* every month. Harvey K6KZ graciously volunteered.

Al N1AL read a WIAW bulletin that over 240 NOTICES OF VIOLATION have been issued for out-of-band operation during the recent Bouvet Island DXpedition.

We will shortly be sending in an order for CLUB QSL CARDS, according to Al.

Ted KB6PTA wants to know why the club isn't "doing something" about the 20-foot height limit on ANTENNAS in Santa Rosa. The comment was made that the limit would probably would not stand a court case in light of PRB-1. In one recent case, the City issued a ham an abatement order, but then backed down and did not enforce it.

The MEMBER LOTTERY was "lost" by Jack KJ6EC.

The PROGRAM was "Surviving the Big One" an earthquake preparedness video by KCET-TV.

The meeting adjourned at 9:46 PM. Respectfully submitted, Sec. Al Bloom N1AL.

## Columns invited

*Short Skip*  
~~The Press Democrat~~ invites columns on issues of concern in the ~~business~~ community.

Submissions should be made to ~~Business News~~ Guest Column, ~~The Press Democrat~~, P.O. Box 560, Santa Rosa, Calif., 95402. Or call the ~~business~~ editor, 526-8585.

SCRA, P.O. Box 116, SR 95402



HAM SERVICE DEPARTMENTS

Compiled by Pete Kemp, KZ1Z

AEA	Customer Service	206 775-7373
Alinco	Customer Service	213 618-8616
	FAX	213 618-8758
Ameritron	Service	419 531-3024
Azden (Am	Customer Service	404 769-8706
Whole)	Repair (2-4 pm only)	404 769-8706
	FAX (7 pm - 10 am)	404 769-7970
B & W	Customer Service	215 788-5581
Butternut	Srvc/parts/tech info	512 398-7117
Cushcraft	Srvc/parts/tech info	603 627-7879
ETO	Customer Service	719 260-1191
	FAX	719 260-0395
Hy-Gain	Rotor Parts	402 465-7021
	Antenna/Tower/parts	402 465-7022
	Technical Assistance	800 328-3771
ICOM	Service	206 454-7619
	Parts	206 454-8155
	FAX	206 454-1509
	Literature requests	800 999-9877
JRC	Customer Service	212 355-1180
Kenwood	Service	213 639-7140
	Parts	213 639-9000
	FAX	213 609-2127
MFJ	Service/parts	601 323-5859
Telrex	Customer Service	201 775-7252
Ten-Tec	Service/parts	615 453-7172
Yaesu	Service	213 404-4884
	Parts	213 404-4847
	FAX	213 404-1210

Tnx KJ6FY PBBS



The Swap Shop column in March 1980 *Short Skip* ran to a page and a half. Some choice items: an Eico scope for \$100, W6DTV's 6M FM rig with 807 final, and a model 28ASR Teletype machine (trade for Novice station).

Upcoming events included the March of Dimes Walkathon, led by Scott WA7UVE and the Sunday Breakfast featuring a slide show on the Oscar satellites by Nick W6OLO. An Amateur Radio demo at K-Mart was scheduled for March 9. Signups were being taken for the booth at the Sonoma Co. Fair.

TREASURER'S REPORT

FOR MONTH ENDING January 31, 1990

ACCOUNT	REVENUE	EXPENSE
Refreshments at meetings ..		9.44
Dues and Initiations .....	142.00	
Badges .....	4.00	
Misc .....(PO Box rental)		28.00
Short Skip Newsletter .....		140.00
Membership Supplies.....	2.00	6.38
Officers' Expenses .....		14.76
	148.00	198.58

ASSETS:	
General Fund Account	812.85
Cash/checks on hand	66.26
Total General Fund	879.11
Total Repeater Fund	369.81

- de KC6BSI

W. A. S. AWARDS

Fred Leoni KC6BJP is the most recent member to earn the Worked All States award. Fred made all his contacts on CW while a Novice. Tnx Steve W8LLY



WANT TO BE A VIP ?

The VIP program needs some new members. If you are interested in training in packet radio or voice operating procedures and think you might like to help the California Dept. of Forestry in its firefighting efforts, come to the CDF-VIP meeting the third Thursday of each month. A Technician or higher license is preferred.

We meet in the classroom building at CDF Headquarters, 2210 West College Ave, Santa Rosa, CA. For more information, contact Marie Mappus KI6QY 664-1978.

Tnx Hank W6DTV

Following article from CDF *Communique*:

Vital VIPs

When the phone lines went down: The Sonoma VIP's

by Roy Pike, Region I Fire Prevention Program Manager

The Sonoma VIPs were activated at 8:15 p.m. on Tuesday, October 17, 1989, for the purpose of establishing communications using amateur radio. Normal CDF communications had been disrupted when the 7.1 quake hit the Bay Area.

An Emergency Communications Center (ECC) was quickly set up at CDF Region I Headquarters in Santa Rosa, which is also the Office of Emergency Services Region II Dispatch Center for fire and rescue.

An Amateur Radio Net on 441.650 was established between Santa Rosa and Morgan Hill and the flow of information from the affected areas began

to reach the ECC.

After the initial information came in, additional radio nets were established between the VIPs working at Region I Headquarters and the Santa Clara VIP Comm 1 Unit. This unit was dispatched to Hollister. For the first 13 hours, this unit was the only communications link from the San Benito Unit.

VIP hams remained on duty collecting and distributing vital information regarding the losses to life and property, routes of travel, and the rescue effort in the Hollister and Santa Cruz areas.

Eventually more than 130 hours were contributed by the VIPs in Region

I Headquarters alone, with a much greater amount being contributed in the various ranger units. Without this vital communications link, much needed logistical support could not have been provided to the people in San Benito County and elsewhere.

This Region I VIP unit from Sonoma County was managed by Battalion Chief Darrel Mead, from the Sonoma Ranger Unit. The unit's untiring, professional, and technically advanced efforts will be forever etched in the memory of those who benefited from their work.

Stand proud VIPs - You continue to exhibit exemplary skill.

TNX N6ONZ

LOVE THAT DOVE!

Packeteers, have you copied the "Dove" satellite on 145.825 MHz? Unlike the other Microsat satellites, this one uses standard 1200-baud AX.25 packets. The signal is very strong -- you can copy it on a handheld. I just left my rig on overnight, and sure enough, next morning I had a screen full of data from space!



THE KB6GOZ PBBS

To all, The KB6GOZ BBS is back on 144.97 in the Petaluma/Santa Rosa Area. Feel free to use via NBAY. Hope that you all start using, and we are currently running W0rli Version 11.08. Have fun. 73 John KB6GOZ

SHARC BYTES

The new President of the Southern Humboldt Amateur Radio Club is Jack Foster... KB6LAG: Any relation I wonder? Tnx RAIN



NEWS of Amateur Radio

## TEXT OF FCC NEWS RELEASE

### FCC PROPOSES NEW CODELESS CLASS OF AMATEUR OPERATOR LICENSE (PR DOCKET 90-55)

The Commission is proposing to amend its rules by establishing a codeless class of amateur operator license to be called the Communicator Class. The Communicator Class would be incorporated into a simplified licensing structure containing four ascending steps: 1) Communicator 2) General, 3) Advanced, and 4) Amateur Extra Classes.

Current Technician and Novice Class operator licenses would be grandfathered indefinitely, with no new licenses issued for those license classes, but existing licenses could be modified or renewed.

The codeless operator class license would satisfy three major objectives. The first objective is to offer an entry level license for all persons who find telegraphy a barrier to pursuing the purpose of the amateur service. The second objective is to design a codeless license that can easily be implemented into the current licensing process. The third objective is to avoid any negative effect upon current licensees, the volunteer examiners who administer amateur examinations, or the Commission's workload.

The amateur service exists for the purpose of self-training, inter-communication and investigations to be carried out by duly authorized persons interested in radio technique solely with a personal aim, and without financial gain.

Individuals seeking a license to operate an amateur station must prove that they can send correctly by hand and receive correctly by ear, text in Morse code signals. Although this requirement may be waived for an operator of an amateur station transmitting only on frequencies above 30 MHz, each of the five classes of operator licenses issued by the Commission requires the applicant to pass an examination in the international Morse code.

The Communicator Class operator license would not require knowledge of Morse code telegraphy messages. Privileges for the Communicator Class would include all emission types. The Communicator Class license would replace two existing beginner operator classes and would simplify the amateur operator license structure.

The Commission would require applicants for the Communicator Class license to pass a 60 question written examination. The new question pool would be comprised of the questions from the two pools currently used in the Novice and Technician license examinations as well as the addition of new questions.

The proposed transmitter power for the Communicator Class would be 200 watts peak envelope power and the licensee's station would be eligible for a Group D call sign. Stations with Communicator Class control operators would not be permitted to transmit on the 2 and 6 meter VHF bands and the HF bands. The Commission is requesting comments on the effect of excluding Communicator Class licensees from the two VHF bands. Comments are also requested on the desirability of including the opportunity for Communicator Class licensees to experience on-the-air telegraphy operation on the HF bands. Additionally, a Communicator Class licensee who passes or receives credit for a telegraphy examination would be authorized the privileges of the Technician Class.

The Commission is requesting comments on all aspects of this proposal.

Action by the Commission Feb. 8, 1990, by Notice of Proposed Rulemaking (FCC 90-55).

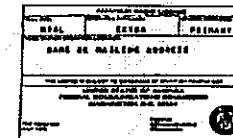
Tnx Tad KT7H via KJ6FY PBBS.



950 Piner Road • Santa Rosa, CA 95401 • (707) 527-6000

STEVE BASHAM  
Manager

## AMATEUR EXAMS IN NORTHERN CA



### UNLICENSED-EXTRA:

1. WALK-INS ONLY
2. SOME WALK-INS
3. PRE-REG. PREFERRED
4. PRE-REGISTER ONLY

### UNLICENSED-TECH ONLY:

- A. WALK-INS ONLY
- B. SOME WALK-INS
- C. PRE-REG. PREFERRED
- D. PRE-REGISTER ONLY

MAR 01 MODESTO----6:30 PM 1 209 883-2968  
MAR 03 CUPERTINO----9 AM 1 408 243-8349  
MAR 10 SUNNYVALE----11 AM 1 408 255-9000  
MAR 10 VACAVILLE----11 AM 1 408 255-9000  
MAR 10 NAVATO-----9 AM 1 415 897-8950  
MAR 10 JACKSON-----9 AM 2 209 296-4771  
MAR 10 REDDING-----? -- ? 916 243-7382  
MAR 10 SANTA BARBARA 830A 1 805 682-2665  
MAR 15 SACRAMENTO-6:30 PM D 916 483-3293  
MAR 17 SACRAMENTO----9 AM 4 916 483-3293  
MAR 17 CUPERTINO----9 AM 1 408 243-8349  
MAR 18 SUNNYVALE----11 AM 1 408 255-9000  
MAR 21 UNION CITY----? ? ? ARRL SEMINAR  
MAR 24 SAN CARLOS---11 AM 1 408 255-9000  
MAR 31 STOCKTON- 11:30 AM 1 408 255-9000  
MAR 31 ROSEVILLE----? ? 4 916 783-7610  
APR 01 CLEARLAKE----11 AM 1 408 255-9000  
APR 07 CONCORD----1:30 PM 1 408 255-9000  
APR 07 CUPERTINO----9 AM 1 408 243-8349  
APR 08 HANFORD-----NOON 1 408 255-9000  
APR 08 SUNNYVALE----11 AM 1 408 255-9000  
APR 14 SUNNYVALE----11 AM 1 408 255-9000  
APR 14 SANTA MARIA---8 AM ? 805 937-4220  
APR 21 CUPERTINO----9 AM 1 408 243-8349  
APR 21 NEVADA CITY---NOON 3 916 273-2326  
APR 21 MERCED-----9 AM 3 209 383-2166  
APR 28 SAN CARLOS---11 AM 1 408 255-9000  
APR 28 STOCKTON--11:30 AM 1 408 255-9000  
MAY 05 CUPERTINO----9 AM 1 408 243-8349  
MAY 12 SUNNYVALE----11 AM 1 408 255-9000  
MAY 12 REDDING-----? -- ? 916 243-7382  
MAY 19 PORTERVILLE-930 AM 1 408 255-9000  
MAY 19 CUPERTINO----9 AM 1 408 243-8349  
MAY 20 SUNNYVALE----11 AM 1 408 255-9000  
MAY 30 SACRAMENTO-6:30 PM D 916 483-3293

SUNNYVALE VEC, BOX 60142, SUNNYVALE CA 94088  
UPDATES & CORRECTIONS TO: SP W6NLG @ KA6JLT

### VOLUNTEERS NEEDED:

We need about 3 firm commitments for Saturday April 7 to help the Diabetes Association with their annual bike ride. Call Bill Splaine N6GHG at 431-8636 (days) or 577-2913 (eves).

## EXAM RESULTS By Steve Lund WA8LLY

13 hams attended the Feb 11 exam session at the EOC. We had 4 upgrades to Technician, 2 to General, and 2 to Advanced. The 13 wpm code and General written tests proved to be the most difficult.

A special thanks to the examiners: John WB6FRZ, Jim WN6D, Ken K6UXO, Steve WA8LLY and to our official greeter Norma KAINVR.

The next exam session will most likely be in May (after tax season and before school lets out). Advance notice will appear in *Short Skip*, the bulletin board at HSC, and on the SCRA net, if I get home in time.

### Radio Shack

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ZANE BATES  
MANAGER

510 FARMERS LANE  
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TELEPHONE  
546-8423

Jim Peimulder  
N6PTM

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George Shedore  
Manager  
KS6W

6819 REDWOOD DRIVE  
COTATI, CA 94931

PHONE: (707) 792-2277  
FAX: (707) 792-0146

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for transparency and accountability, particularly in financial matters. The text outlines various methods for organizing and storing data, suggesting that digital tools can be more efficient than traditional paper-based systems.

2. The second section focuses on the role of communication in project management. It argues that clear and consistent communication is the key to ensuring that all team members are aligned with the project's goals and objectives. The author provides several practical tips for improving communication, such as holding regular meetings and using collaborative platforms.

3. The third part of the document addresses the challenges of time management. It acknowledges that time is a limited resource and that effective time management is crucial for meeting deadlines and achieving success. The text offers strategies for prioritizing tasks, delegating responsibilities, and avoiding common time-wasting pitfalls.

4. The fourth section explores the importance of continuous learning and professional development. It suggests that staying up-to-date with the latest industry trends and acquiring new skills are essential for long-term career growth. The author encourages readers to seek out opportunities for learning, such as attending conferences and taking courses.

5. The final part of the document discusses the importance of maintaining a positive attitude and resilience in the face of challenges. It notes that setbacks are a natural part of any journey, and that a positive mindset is necessary to overcome obstacles and achieve one's goals. The text concludes with a motivational message, encouraging readers to stay focused and determined.

## SCRA MINUTES

January 3, 1990



The meeting was called to order by President John Wallack W6TLK at 7:35PM. Other officers present: Vice President Jim Pelmulder N6PTM, Secretary Al Bloom N1AL, Treasurer Phillip Gaul KC6BSI and Members-at-Large Chuck Sabin N6DDK and John Breckenridge WB6FRZ.

The **MINUTES** were approved as printed in *Short Skip*. m/s W6DTV/N6FYV

The **TREASURER'S REPORT** by Treasurer KC6BSI was approved. m/s N6DDK/WA8LLY

The **REPEATER REPORT** was given by W6TLK in WB6PER's absence. The County recently realigned the '73 repeater -- the audio is better now. We've been getting interference from a new paging system link between Napa and Novato.

**EDUCATION:** John WB6FRZ notes that 3 of his students passed their Novice exam last week. This makes a total of 5 passed so far. Another class (1 person left after dropouts) has another 9 weeks to go.

**VEC EXAMS** for Novice thru Extra are next Sunday, according to Steve WA8LLY.

A **NET CONTROL STATION** for the club net is needed for next month.

The **HOME BREW CONTEST** is coming up in April. Steve WA8LLY discussed previous events.

A **SPECIAL OPERATING EVENT** is coming up: We have been invited to set up a station and display at the old Marconi wireless station (now a state park) at the grand opening in late May/early June. It will be a Saturday and Sunday, date to be announced. We will invite other area clubs to participate.

**REPEATER FUND:** Hank W6DTV pointed out that with reduced autopatch privileges we may lose a few members. Also the treasury is low now because the "Swampfest" in September didn't raise much money. Hank moved to amend Bylaw #3 to set the Repeater Fund

upper, maintenance and lower limits (now \$2000, \$1600 and \$1000) to \$750. This means we would not have to put  $\frac{1}{2}$  of all dues money into the Repeater Fund. m/s W6DTV/N6MRV N6PTM stated that last year, all repeater expenses were for peripheral items that totaled well under \$750. The motion will be voted on at the March meeting.

**NEW SHORT SKIP CIRCULATION CHAIRMAN.** Tracy WB6TMY announced he is looking for someone to take over the job of folding, stapling and mailing *Short Skip* every month. Harvey K6KZ graciously volunteered.

Al N1AL read a WIAW bulletin that over 240 **NOTICES OF VIOLATION** have been issued for out-of-band operation during the recent Bouvet Island DXpedition.

We will shortly be sending in an order for **CLUB QSL CARDS**, according to Al.

Ted KB6PTA wants to know why the club isn't "doing something" about the 20-foot height limit on **ANTENNAS** in Santa Rosa. The comment was made that the limit would probably would not stand a court case in light of PRB-1. In one recent case, the City issued a ham an abatement order, but then backed down and did not enforce it.

The **MEMBER LOTTERY** was "lost" by Jack KJ6EC.

The **PROGRAM** was "Surviving the Big One" an earthquake preparedness video by KCET-TV.

The meeting adjourned at 9:46 PM.  
Respectfully submitted, Sec. Al Bloom N1AL.