

----- HANK'S SWAP SHOP -----

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

WANT: ARRL HANDBOOK, 1955/56. Rick K6ZWB 542-6907.

WANT: 100 kHz CALIBRATOR. Tracy WB6TMY 527-8124.

TEN-TEC 30 MTR MOBILE ANTENNA \$10. GORILLA BANANA printer, dot matrix, opr. manual. Hank W6DTV 823-7885.

KENWOOD HT-2400, manual, charger \$75. Van W6GFY 544-3485.

KENWOOD SM-220 station monitor \$225. KENWOOD 922A amp with 10 meters \$1000. KENWOOD 930-TS, 500 Hz CW filter, antenna tuner \$975. Sam WN6W 575-0400.

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

ADDRESS CORRECTION REQUESTED

YAESU FT-207R 2 mtr HT, 2 bat packs, plug-in charger & wall charger, manual \$100. Bud WB6MJB 792-1444.

WANT: VIKING ANT TUNER, 3 KV size. Also PK-232. Bill N6GHG 431-8636.

12 VOLT, 4A regulated DC power supply \$20. John WB6FRZ 838-6398.

MOTOROLA MICOR lowband, 100 watts, cables and manuals. \$100 each. Vince N6UMC 526-4506 eve, 795-9444 day.

MOTOROLA 450 MHZ BASE ANTENNA. Kent Dreitzler 523-1700.

VIBROPLEX bug \$50. John W6TLK 833-1873.

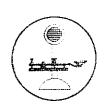
KENWOOD TR-9000 all-mode 10W 2M xcvr \$300. ASTATIC SILVER EAGLE microphone \$75. SHURE 444D microphone \$50. KENWOOD MC-60 desk mic with amp \$75. COMMODORE RS-232 interface for MFJ1238. \$25. BEARCAT 250 scanner, 50 channel \$75. MICROLAB dummy load/40W meter 600-1850 MHz \$50. Garry N60NZ 584-3425. (Continued on page 10)





JOHN BRECKENRIDGE WB6FRZ 574 WILD OAK DR WINDSOR CA 95492

FIRST CLASS MAIL





Sonoma County Radio Amateurs, Inc.

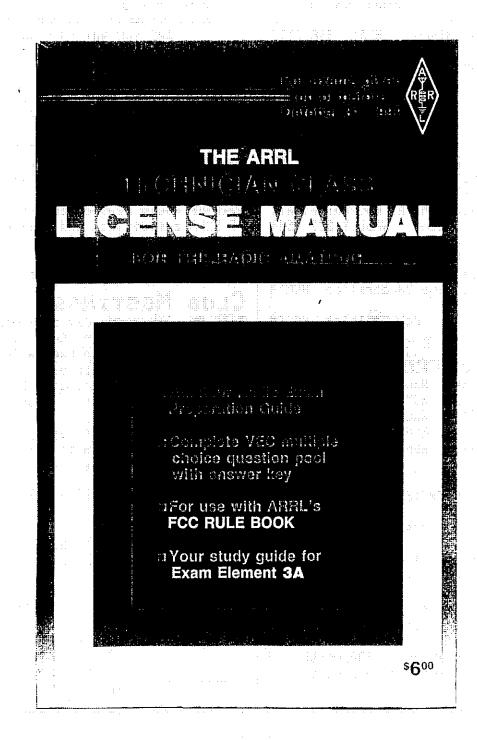
Club Station

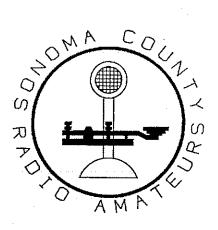
FEBRUARY 1991 W61 FJ

P.O. Box 116 Santa Rosa, CA 95402 Repeater Station WB6PVS

VOL 16 # 2

ALL THAT STANDS BETWEEN J Q PUBLIC & A HAM LICENSE





OFFICERS FOR 1991 -----

PRESIDENT:	Jim Pelmulder	NGPTM	823-7947
VICE PRESIDENT:	Brian Torr	NGIIY	575-5871
SECRETARY:	Alan Bloom	\mathtt{NlAL}	538-7115
TREASURER:	Merlyn Pfeiff	N6VUC	584-3898
MEMBERS-AT-LARGE:	Philip Gaul	KC6BSI	544-2572
	John Wallack	W6TLK	833-1873
REPEATER CHAIRMAN:	Jim Rutherford	WB6PER	526-2972
TREASURER: MEMBERS-AT-LARGE:	Merlyn Pfeiff Philip Gaul John Wallack	N6VUC KC6BSI W6TLK	584-38 544-29 833-18

REPEATER CHAIRMAN: Jim Rutherford

----- SHORT SKIP STAFF: ----EDITOR: Alan Bloom N1AL (e) 538-7115 1578 Los Alamos Rd, Santa Rosa, CA 95409 (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: Connie FreitasN6FYV 823-9691 CLUB HISTORIAN:

ACTIVITIES COMMITTEE:

PUBLIC SERVICE: Bill Splaine N6GHG 431-8636 (days) 577-2913 EDUCATION: John Breckenridge WB6FRZ 838-6398

+WD6CKP WB7CNJ WB6TMY WA8LLY TVI/RFI: Al Bloom N1AL 538-7115 FIELD DAY: N1AL(CW), N6PTM(ph), WB6PER(social)

Steve Lund WA8LLY 823-4544 VEC EXAMS: Steve Lund WA8LLY 823-4544

+NIAL WN6D WW6D WW6F WB6FRZ K6UXO REFRESHMENTS AT MEETINGS: Bob Olsten WD6DPE GREETER AT MEETINGS: Jane Vanderslice N6NTB RAFFLE AT MEETINGS:

MEMBERSHIP LOTTERY: Bob Scolnick K6GEV

QSL MANAGER:

REPEATER CONTROL OP'S:

WD6CKP Hoppy 542-6750 N60NZ Garry 584-3425 WB6PER Jim 526-2972 W6TLK John 833-1873 WB6UAZ Kathi 544-7943 WN6D Jim 544-7943 N6PTM Jim 823-7947

INTERFERENCE COMMITTEE: WB6PER Jim 526-2972

SHORT SKIP ADVERTISING RATES:

Business cards: \$10

\$11 First 1/4 Column \$3 Additional 1/4 Columns (\$32 Full Page, I 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 radio, 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!

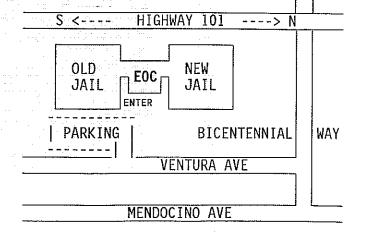
CLUB MEETINGS:

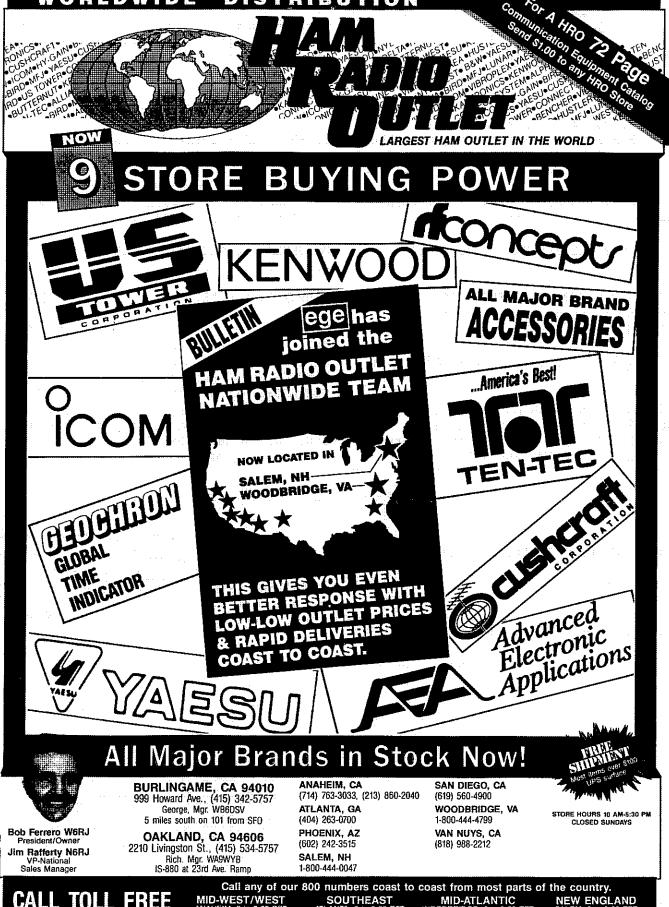
7:30 PM, 1st Wednesday each month at the EOC (Emergency Operations Center, see map below) Anyone interested in ham radio is welcome.

NEXT MEETING: February 6, 1991 PROGRAM: Sonoma County Emergency Services -- Dan Nicholas.

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





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SCRA MINUTES

January 2, 1991



The meeting was called to order by President Jim Pelmulder N6PTM at 7:35 PM. Other officers present: Vice President Brian Torr N6IIY, Secretary Al Bloom NIAL, Treasurer Merlyn Pfeiff N6VUC, and Members-at-Large Phillip Gaul KC6BSI and John Wallack W6TLK.

VISITORS were introduced by Jane N6NTB: Jim Andrews KC6PJW, Joe Reed, Shane, Greg Brahms WB6UHH, Leon Hughes, and Jeff Young KC6PJV.

UPGRADES since last month include KB6PBD. K6ZWB and KB6LSB, all to Advanced.

The last TREASURER'S REPORT for 1990 by KC6BSI shows \$1858.01 in the General Fund and \$755.43 in the Repeater Fund. Approved m/s W6TLK/W6DTV

REPEATER: W6DTV reported that the '73 repeater "is not getting worn out." W6TLK reminded people not to transmit on the 146.73 output frequency when the repeater is in P/L (sub-audible tone access) mode. John noted that P/L has not been enabled much through the Christmas season.

John reported on a recent action by Sonoma County that all privately-owned repeaters must REMOVE THEIR EQUIPMENT from County property within 10 days. This was in response to a request from the 145.35 repeater group to add some new equipment to their machine on Sonoma Mt. While this does not affect SCRA directly (the '73 repeater is the County-owned RACES machine), the issue has pulled together all the local ham clubs. Currently, Don Bostrom (Comm. Dir.), Dan Nicholas (Emergency Svcs. Dir.), and Dave Cromberg (Gen. Svcs. Dir.) are in negotiation with representatives of local ham clubs to work out a policy for Amateur repeaters on County property.

The BUZZ-SAW INTERFERENCE that comes and goes on the 146.13 input frequency has been heard all over the 2 meter band way down into the Bay Area, according to Jim N6PTM. Lou N6YNQ reports that KCBS's 450 MHz link

has been getting similar interference. Jim has installed the club's DF unit on his truck, and will connect it's serial interface to a portable computer to log direction and times. With luck, the QRN may occur when Jim is available track it down.

FEBRUARY 1991

PUBLIC SERVICE: Fortunately, Bill N6GHG has agreed to chair this committee again this year. Bill reports we have one request already -- the Lions club called 3 or 4 weeks ago for their event in April.

EDUCATION: John WB6FRZ's next Novice class starts Friday Jan 4 at 6:30 PM at the Healdsburg Lytton Springs Salvation Army center. It will run about 14 weeks. Greg WB6UHH wonders if we plan any codeless Technician classes. We need a volunteer.

W6TLK has a request from the Starcross Community for a General class. N6PTM notes we also have a number of other candidates.

KB6PTA wanted to know when the next VEC exams will be. NIAL said in early Feb.

A BADGE CHAIRMAN for 1991 is needed. Connie N6FYV volunteered.

FIELD DAY this year will be chaired by a triumvirate: N6PTM on phone, N1AL on CW, and WB6PER on the social end.

NET CONTROL STATION volunteers: Connie N6FYV in January and Sarah N6FAX in Feb.

The MEMBERSHIP LOTTERY was not won by Helen N6GTF, so \$21 will be held for next month.

Meeting adjourned at 8:34. m/s N6FAX/N6FYV Respectfully submitted, Sec. Al Bloom N1AL

Jim Pelmulder **N6PTM**

(707) 823-7947

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LATE SHORT SKIP?

As you can see, the SCRA Board of Directors has decided to send Short Skip by firstclass mail, at least for now. We would like to find out if this helps. So once again, please let me know when you received this issue, no matter whether it came late or early. Send me a QSL, leave a message on my answering machine, or leave a message on the KJ6FY-1 BBS (144.93 MHz VIA WA6LIA-1). Thanks! Alan Bloom NIAL, 1578 Los Alamos Rd, Santa Rosa, CA 95409 (707) 538-7115.

Following are the results of last month's mailing via third-class bulk mail. Thanks to all those who responded.

(Short Skip was mailed Wednesday Dec. 19. The club meeting was Wednesday Jan 2.)

W6AHH	Santa Rosa	95403	Dec	20
N6FYV	Sebastopol	95472	Dec	20/21
W6BNB	Sebastopol	95472	Dec-	21
WD6DPE	Santa Rosa	95405	Dec	21
N6RMW	Santa Rosa	95403	Dec	21
N6PTM	Sebastopol	95476	Dec	22
W6LCZ	Santa Rosa	95404	Dec	22
W6DTV	Sebastopol -	95472	Dec	24
KC6HXS	Petaluma	94952	Dec	24
KI6VY	Los Angeles	90066	Dec	.24
K6GEV	Petaluma	94952	Dec	28
W6TLK		95452	Dec	28
KB6IOT	Fulton	95439	Dec	28
KA7NZO	Monte Rio	95462	Dec	28
WA8LLY	Graton	95444	Dec	28-31
N6NTB	Rohnert Park		Dec	29
WA6ACX	Willits	95490	Dec	31
WB7AKX	Healdsburg	95448	Jan	
WA2ZPQ	Santa Rosa	95404	Jan	
N6YMQ	Petaluma	94952	Jan	
N60NZ	Santa Rosa	95407	Jan	
K6TCD	Oakmont	95409	Jan	
K6XZ	Santa Rosa	95409	Jan	5
W6GYY	Sonoma	95476	Jan	5

I must admit I can't figure out the Postal Service's system. Some people in Santa Rosa got Short Skip the day after it was mailed, and some didn't get it until Jan 5, over two weeks later! And it's a similar story for the other cities. I wouldn't mind the increase in postal rates if it would bring us better service. We'll see if First-class mail helps.

DR REYNOLDS' ISOLOOP

I read your article on the Isoloop antenna with interest. I had a nice chat with Dr. Reynolds about this antenna. You were wondering whether he is a ham. Yes, he is an active ham using his Isoloop. His call is K7DBA and he has had two other calls. 73. Bob, W6AHH.

NEW AND **RENEWED MEMBERS**

SINCE LAST MONTH

Joseph A. Reid 5610 Hessel Ave Sebastopol, CA 95472 Rohnert Park, CA 94928 829-1275

Angela Dickey KC60CD Brad Silva KB6S0Y 7635 Mandolin Way Rohnert Park, CA 94928 Santa Rosa, CA 95402 795-1269

Jeff Young KC6PJV 18246 Neeley Rd. Guerneville, CA 95446 869-9180

We now have 179 members total.

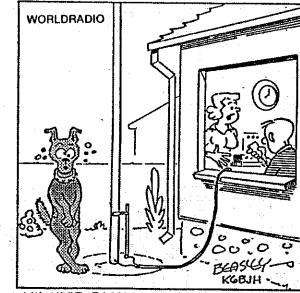
Jim Andrews KC6PJW

7249 Roxanne Dr.

795-2163

POB 5305

584-0533



I WONDER IF LOADING THE FLAGPOLE UP AS AN ANTENNA WILL BOTHER SPOT

EXAM SESSION RESULTS

SONOMA COUNTY RADIO AMATEURS, INC.

by STEVE LUND WASLLY

21 crazy hams (& future hams) braved the arctic cold on 21 December to attend the latest SCRA ARRL-VEC ham exams. We now have 3 new Advanced- K6ZWB, KB6PBD, KB6LSB; 3 new Generals- KC6PJV, KC6NEO, and Wallace Kremesec. 10 earned their Technician licenses- KC6PDA, KC6IDG, KC6NEN, KC6NDT, KC6NEI KC6PTE, KC6PJW, Paul Robinson, Mark Walsh, and Joseph Reid. Mark Halverson and Richard Polfus earned their Novice license. Just in time for Santa to deliver new radios. A special thanks goes to the examiners - John, WB6FRZ; Al, NIAL; and Steve, WA8LLY.

NEXT EXAM SESSION

The next exam session will be on Sunday. February 3, 1-5 PM at the EOC. This is before the new No-code and handicapped rules go into effect, so no No-code exams will be offered. Written exams will come first. with the code tests starting after the first round of exams are handed in.

No pre-registration is necessary. Bring BOTH your original license and a photocopy. Don't forget any Certificates of Successful Completion you may have. Other items to bring: check for \$4.95 made out to "ARRL-VEC", filled-out 610 form, photo ID, pen, 2 pencils, and a calculator (optional).

If you have questions, call Steve WABLLY at 823-4544.

THE NO-CODE TECHNICIAN LICENSE & YOU by Steve Lund WASLLY

FEBRUARY 1991

I have heard lots of misinformation over the air on how the new no-code Technician license affects presently licensed hams.

The biggest misunderstanding is what grandfathering does for presently licensed Technicians. Grandfathering allows you to continue operating on HF with Novice privileges. The no-code Technician license has no operating privileges below 50 MHz. When the no-code Technician license is implemented in February 1991, the FCC will not distinguish between the two types of Technician licenses.

There is a catch to this grandfathering though. You must keep forever your original Novice license, a Certificate of Successful Completion of Examination (CSCE) that shows you passed Element 1A, or a Technician license dated 1990 or earlier. Any of these documents show that you have passed the 5 wpm code test and can operate on HF using Novice privileges. This is important in case the FCC comes knocking at your door.

If you renew or modify your Technician license after 1990 you will receive a nocode Technician! So don't lose those original documents.

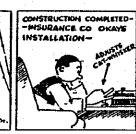
Another group will be caught in a 'Catch-22' situation. If you took and passed a Technician license exam in late December or January you'll most likely receive a no-code Technician license. Again your original Novice license or a CSCE showing Element 1A credit is your gateway to retaining those . Novice HF privileges.



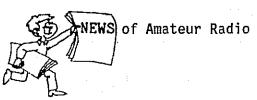












ARRL SUPPORTS NO-CODE. The ARRL Board of Directors voted not to petition FCC for reconsideration. Tnx W1AW bulletin

THE SAN FRANCISCO BAY AREA will be the site of the 10th annual ARRL Amateur Radio Computer Networking Conference, Sept 27-29. It's hosted by the No. CA Packet Assn. WIAW

INITIAL DXCC APPLICATIONS will be checked in the field as soon as ARRL HO staff implement the program. *Tnx W1AW*

THE AMATEUR RADIO SPECTRUM PROTECTION ACT, designated HR 73 (!), would force the FCC to replace any Amateur spectrum lost with an equal number of kiloHertz somewhere else. It is sponsored by Rep. Jim Cooper of Tenn. ARRL urges members to write their congressmen in support and send a copy to ARRL HQ. Tnx ARRL Letter

80 METER NOVICE BAND WILL MOVE from the present 3700-3750 kHz down to 3675-3725 kHz. The earliest possible effective date would be mid-February, meaning that the ARRL Novice Roundup is not affected. ARRL Letter

COMMUNICATIONS WITH LITHUANIA via LY2WR set up at the Lithuanian Parliament building have been passed to the US State Department, which has had only intermittent telephone contact. Tnx ARRL Letter

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STEVE BASHAM Manager

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RECEIVE CELLULAR PHONE ON YOUR SCANNER

[To the author: Identify yourself and I'll give you credit.]

All you need is an old UHF TV tuner. Connect a UHF TV antenna or a whip cut for 850 MHz, about 3 inches, to the tuner's input, connect the IF out from the tuner to the scanner's antenna input.

Program the scanner to 40 MHz. For crystal scanners, you can use CHP or the old Sheriff frequencies between 40 and 45 MHz. Power the tuner with appropriate voltage. Unsquelch the scanner and tune VERY SLOWLY between channels 72 and 83 (79-83 is the most active.)

[Ed note: Reception of cellular frequencies is prohibited by recent legislation.

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WB6SRU

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TELEPHONE 546-8423

HANK'S SWAP SHOP

(Continued from back page.)

HUSTLER VERTICAL, 40-10M, manual \$75. Steve KB6LSB 573-3507.

WANT: HF TRANSCEIVER for young novice-tobe. Stu WA6BTK 538-1217.

RADIO SHACK PRO-2003 scanner, 60 channel. \$100. Steve N6RYA 823-5882.

RADIO SHACK HTX-100 10 meter transceiver. \$180. Kam KC6NDU 578-7296.

Join MARS!

In the last two issues, you've seen more about MARS and the communication services it provides, especially in recent months with the Desert Shield operation. If you think you may be interested in joining MARS, here are some more details.

What is MARS?

The Military Affiliate Radio System is a Department of Defense sponsored program, established as separate managed and operated programs by the Army, Navy, and Air Force.

The program consists of licensed Amateur Radio operators who are interested in military communications. They contribute to the MARS mission providing auxiliary or emergency communications on a local, national, and international basis as an adjunct to normal communications.

MARS history

In November 1925, the Army Amateur Radio System (AARS) was formed by a few dedicated pioneers in the United States Army Signal Corps. This organization continued until the start of World War II when operations were suspended. Army Amateur Radio was authorized to resume operations in 1946, and the Army Amateur Radio System was reactivated and functioned as such until 1948 when the Army and Air Force established the Military Amateur Radio System, later renamed the Military Affiliate Radio System (MARS). In 1962, the Navy-Marine Corps MARS program was launched, making MARS a joint service program.

MARS mission

- Provide Department of Defense sponsored emergency communications on a local, national and international basis as an adjunct to normal communications.
- Provide auxiliary communications for military, civil, and/or disaster officials during periods of emergency.
- Assist in effecting normal communications under emergency conditions.
- Create interest, and furnish a means of training members in military communications procedures.
- Provide a potential reserve of trained radio communications personnel.
- Handle morale and quasi-official record and voice communications traffic for Armed Forces and authorized U.S. Government civilian personnel stationed throughout the world.
- Conduct an appropriate Amateur Radio program as a part of the annual celebration of Armed Forces Day.

Eligibility to join MARS

The applicant must 1) be 14 years of age or older; 2) be a United States citizen or resident alien; 3) possess a valid Amateur Radio license issued by the Federal Communications Commission or other competent US authority; 4) possess a station capable of operating on MARS HF frequencies.

MARS members must agree to operate in accordance with the rules and regulations governing MARS as follows:

For Army — A minimum of 12 hours per calendar quarter with 6 hours being on HF networks.

For Air Force — A minimum of 12 hours participation per calendar quarter with 6 hours in their primary HF assignment.

For Navy-Marine Corps — A minimum of 18 hours per calendar quarters with 12 of the 18 hours being on area or region HF networks.

Benefits of MARS membership

- Add to the enjoyment of your Amateur Radio hobby through the expanded horizon of MARS.
- Become part of the Army, Navy-Marine Corps, or Air Force MARS worldwide communications system. There are MARS stations in Japan, Korea, the Trust Territories, Philippines, Hawaii, Panama, the Virgin Islands, Puerto Rico, Central America, Alaska, Germany, Africa, and the continental United States.
- Increase your communications skills and capabilities. Selected correspondence courses in communications-electronics subjects are available free to MARS members from their respective affiliated service after completion of six months active membership.

 Operate on specially assigned military radio frequencies in voice, teletype, CW, and packet modes of communications.

FEBRUARY 1991

 Join a group of dedicated fellow radio Amateurs participating in meaningful public service.

• Affiliate with the service branch of your choice and become part of the professional military communications family.

 Gain a feeling of being associated with a military mission and contributing to the welfare and preparedness of the nation.

 Participate in regulated, disciplined radio nets with structured lines of organization and very specific operating rules.

• Participate in the MARS Excess/Surplus Equipment Program after 6 months active membership. Issue of equipment is based on availability of equipment, and possible assigned mission of individual activity. The granting of MARS membership to an individual or activity does not in itself convey an automatic right or entitlement of the recipient to receive or demand MARS property.

Typical MARS frequencies

MARS members stations meet periodically in scheduled networks on military frequencies outside of the Amateur bands. There are various types of networks and each accomplishes a specific goal. For example, administrative networks to take care of much of the day-to-day management of the program; traffic networks which exist solely to pass third party traffic: and of course, emergency networks which are established to provide for communication needs during periods of emergency. There are also technical nets and training nets. MARS nets operate in different modes. Although high frequency (HF) single sideband (SSB) voice is predominant, there are CW, RATT, VHF, PACKET, and even slow scan TV nets.

How to join MARS

You may join either Army, Navy-Marine Corps, or Air Force MARS but you may not join or belong to more than one MARS service at the same time. To join, send a request for application forms to the appropriate MARS representative as follows:

Army MARS: Chief Army MARS, HQ, US Army Information Systems Command, ATTN: AS-OPS-O A, Fort Huachuca, AZ 85613-5000.

Navy-Marine Corps MARS: Chief Navy-Marine Corps MARS, Naval Communication Unit, Washington, DC 20397-5161.

Air Force MARS: Chief Air Force MARS, HQ, AFCC/DOOCC, Scott AFB, IL 62225-6001.

CONSIDERING AN UPGRADE?

Did you ever wonder how much you gain by upgrading? The percentage of each band gained by upgrading can be surprising:

BAND	NOV/TECH	GENERAL	ADVANCED	EXTRA
10 M	23%	77%		٠.
12 M		100%		
15 M	23%	51%	13%	13%
17 M		100%	. M	·, · · · ·
20 M		71%	14%	15%
30 M	•	100%		
40 M	17%	50%	25%	8%
80 M	10%	65%	15%	10%
160 M		100%		
TOTAL %	%			
GAINED	: 8.1%	79.3%	7.4%	5.1%
TOTAL:	8.1%	87.4%	94.8%	100%

by N6DCD, thanks to Don WA6ACX.

NO NEED TO WAIT FOR FOOTHILL SWAP MEET

Don't miss the first Livermore Amateur Radio Klub Swap Meet, Sunday, Feb 3, 1991 from 7 AM to 12 noon at Las Positas College in Livermore. There will be covered areas available in case of inclement weather, and the swap meet will be held rain or shine.

Las Positas College is located on Collier Canyon Road near the Livermore airport, just north of Interstate 580, conveniently reached from either the Bay Area or the Central Valley. Talk-in frequencies will be 147.045+ from the Bay Area and 145.350- from the Central Valley.

The second LARK Swap Meet will be on Sunday, March 3, same time, same place with more to follow. We hope to make the LARK Swap Meet as much of an event and institution as the Foothill College Swap meet.

Selling spaces (two car parking spaces) are \$10 each (cash only). Spaces are allocated "first come first serve" starting at 7AM and not before. For more information, contact Gil Gray WU7R. Tnx The LARK.

HAM IN THE NEWS

On Tuesday, January 15, NBC News sent a story to its TV affiliates which dealt with amateur radio. To my knowledge, the story did not appear on "Nightly News with Tom Brokaw." But it could have appeared on the local newscast of any NBC-TV affiliate.

I have not seen the video/audio portion of the story, but did see the text script the network sent to accompany the audio and video. I thought you'd find it interesting.

73, Jay WB9MDS @ N9BAC.IN.USA.NA

NNC-NBC-NA60-HAM RADIO RULES--7PM/ET--NC SCRIPT

IN TIMES OF CONFLICT AND INTERNATIONAL CRISIS, THE FIRST LINE OF COMMUNICATION OFTEN COMES FROM THE AMATEUR RADIO OPERATOR. SO-CALLED HAM RADIO OPERATORS CAN TALK LONG DISTANCES WITH THEIR POWERFUL RADIO TRANSMITTERS. BUT IN RECENT DAYS, HAM RADIO OPERATORS HAVE VOLUNTARILY CUT BACK ON THEIR CONTACT WITH THEIR COUNTERPARTS IN KUWAIT. THAT'S BECAUSE PEOPLE IN THOSE COUNTRIES TALKING WITH OTHER RADIO OPERATORS OUTSIDE THEIR COUNTRY MAY BE CONSIDERED SPIES.

THERE'S A REPORT OF ONE KUWAITI HAM OPERATOR BEING KILLED AFTER HE TALKED BY RADIO WITH ANOTHER COUNTRY. IN PAST WARS, CONGRESS HAS LIMITED THE USE OF HAM RADIOS DURING CONFLICT. BUT AN OMAHA RADIO OPERATOR SAYS THE FCC IS IN CHARGE NOW.





DX NEWS



SONOMA COUNTY RADIO AMATEURS, INC.

FROM THE DXCC DESK. 5R8GN operation approved for DXCC credit.

AFGHANISTAN, YA. Romeo now active as YAORR. Also helping is YL1WW. Look on 7005 and 14005 2300 to 0300Z. SSB 28495 1300Z. 21295 1200Z. Operating times can vary depending on areas and propagation. (W7LR info: 14020 CW or 14195 SSB anywhere from 0100Z through 0630Z). QSL to Romeo Stepaneko, Box 812, Sofia 1000, Bulgaria.

BURUNDI, 9U. Lloyd & Iris Colvin are working on this one as well as Congo, TN.

ETHIOPIA, ET. An Italian operation by 1K6DPW from Ethopia is delayed due to recent events in the Persian Gulf. The QSL route, when the operation gets on the air, will be via I8YCP.

MARSHALL ISLANDS, V73. The Kwajalein Amateur Radio Club, V73AX, P.O. Box 444, APO SF 96555, will commemorate the 47th anniversary of the WWII battle for the Kwajalein atoll with a special package for contacts made between 1745Z on 31 Jan thru 1920Z on 5 Feb 1991. Stations sending a SASE will receive a QSL card and information regarding certificates and historical booklets available from the club. Club members plan to operate continuously during the period on 10 thru 80 meters.

MARION ISLAND, ZS8. ZS8MI operated by Gerard, ZS8M, has been very active on 21246 kHz at 1630Z. Also working 14260 kHz at 1300 UTC & 7047 kHz at 1900 UTC for Europe. For CW check 14025 from 0100 to 0300 UTC.

MONACO, 3A. 3A/F9UW/M is a good catch reported on 17, 15, 12 or 10 meters. Featuring the WARC bands, look for their SSB signal around 1200 UTC.

PITCAIRN ISLAND, VR6. VR6BX is very active daily on 28450 kHz around 2130 UTC.

QATAR, A7. Look for A71CD at 28650 kHz around 1300 to 1400 UTC. Also, check 14252 kHz around 1800 UTC.

SAN FELIX, XQO. John, XQOX, is active most evenings from 0200 to 0400 UTC on 14236 kHz, listening with Mickey, CE3ESS. He is also working split frequency on his own (W7LR: sometimes listening up but sometimes listening down, as announced). QSL CE3ESS.

SPECIAL PREFIXES NOW IN USE: OT by Belgium for the 60th anniversary of their king. Also, HE7 is now being used by Switzerland.

REMINDER FROM THE DXCC DESK. The 701AA and 708AA QSL cards for the new Yemen Republic will be accepted on or after March 1 1991 for DXCC credit. On that date the old North and South Yemen, 70 and 4W countries will become deleted countries. Please do not submit the new Yemen QSL until March 1st. Earlier submissions will be rejected.

Thanks to KB1BE, the Connecticut DX Assn., and W1AW for the above info.

AMATEUR GREYBEARDS

From The Packet Racket by Travis Wise KB8F0U

We hear a lot about the importance and lack of youth in Ham radio. I've always wondered how many young hams there are, and what the average age of the Ham radio operator is. While nosing around on Computserve last week, I found the answers to both questions. Rick, NOLOX, has provided a two-page report including several breakdowns of ages, and numbers of ham radio operators. I have taken excerpts of this paper which was based on the Nov. 1988 FCC callsign database.

CLASS	AVERAGE A	GE
Novice Technician	42 48	
General Advanced	57 56	
Extra TOTAL	51 51	•
IVIAL	Ji	

At the beginning of 1989, there were just 10,345 Hams under the age of 20. This age group represents about 3% of the Ham radio population.



COMING EVENTS:

SCARS NET: 146.73 MHz Tuesdays at 7 PM.

VE EXAMS HOTLINE NR: 408-984-8353

FEBRUARY:

Jan 26-Feb 3 - ARRL Novice Roundup

3 - Livermore A. R. Klub swap meet

3 - Santa Rosa Computer Show-Fairgrounds

4 - RACES etc. Net 7:30 PM 6 - SCRA meeting 7/7:30 PM

11-15 - ARRL School Club Roundup

15 - Deadline for March Short Skip

16-17 - ARRL DX Contest, CW

18 - RACES etc. Net 7:30 PM 21 - CDF/VIP Meeting 7:30 PM

22-24 - CQ Worldwide 160 M Contest, Phone

MARCH:

2-3 - ARRL DX Contest, Phone

3 - Livermore A. R. Klub swap meet

4 - RACES etc. Net 7:30 PM 6 - SCRA meeting 7/7:30 PM

- 1987 DUES PAYABLE!

9 - Foothill College Flea Market

15 - Deadline for April Short Skip

18 - RACES etc. Net 7:30 PM 21 - CDF/VIP Meeting 7:30 PM

30-31 - CQ Worldwide Prefix Contest, Phone

APRIL:

1 - RACES etc. Net 7:30 PM

3 - SCRA meeting 7/7:30 PM

12 - Deadline for May Short Skip

13 - Foothill College Flea Market

15 - RACES etc. Net 7:30 PM

18 - CDF/VIP Meeting 7:30 PM

MAY:

1 - SCRA meeting 7/7:30 PM

6 - RACES etc. Net 7:30 PM

11 - Foothill College Flea Market

16 - CDF/VIP Meeting 7:30 PM

17 - Deadline for June Short Skip

20 - RACES etc. Net 7:30 PM

25-26 - CQ Worldwide Prefix Contest, CW

JUNE:

3 - RACES etc. Net 7:30 PM

5 - SCRA meeting 7/7:30 PM

8 - Foothill College Flea Market 14 - Deadline for July Short Skip

17 - RACES etc. Net 7:30 PM

20 - CDF/VIP Meeting 7:30 PM

22-23 - Field Day JULY:

1 - RACES etc. Net 7:30 PM

3 - SCRA meeting 7/7:30 PM
13 - Foothill College Flea Market

13-14 - IARU HF World Championship

19 - Deadline for August *Short Skip* 13-14 - CQ Worldwide VHF Prefix Contest

15 - RACES etc. Net 7:30 PM

18 - CDF/VIP Meeting 7:30 PM

AUGUST:

5 - RACES etc. Net 7:30 PM

3-4 - ARRL UHF Contest

7 - SCRA meeting 7/7:30 PM

10 - Foothill College Flea Market

15 - CDF/VIP Meeting 7:30 PM

16 - Deadline for September Short Skip

19 - RACES etc. Net 7:30 PM

SEPTEMBER:

2 - RACES etc. Net 7:30 PM

4 - SCRA meeting 7/7:30 PM

13 - Deadline for October Short Skip

14 - Foothill College Flea Market

16 - RACES etc. Net 7:30 PM 19 - CDF/VIP Meeting 7:30 PM

28 - SCRA Flea Mart, Seb. Holy Ghost Hall

28-29 - CQ Worldwide RTTY Contest

OCTOBER:

2 - SCRA meeting 7/7:30 PM 7 - RACES etc. Net 7:30 PM

17 - CDF/VIP Meeting 7:30 PM

18 - Deadline for November Short Skip

21 - RACES etc. Net 7:30 PM

26-27 - CQ Worldwide DX Contest, Phone NOVEMBER:

2-3 - ARRL Sweepstakes, CW

4 - RACES etc. Net, 7:30 PM

6 - SCRA meeting 7/7:30 PM

15 - Deadline for December *Short Skip* 16-17 - ARRL Sweepstakes, Phone

18 - RACES etc. Net, 7:30 PM

21 - CDF/VIP Meeting 7:30 PM 23-24 - CQ Worldwide DX Contest, CW

DECEMBER:

2 - RACES etc. Net, 7:30 PM

14-15 - ARRL 10 Meter Contest

13 - Deadline for January Short Skip

16 - RACES etc. Net, 7:30 PM

19 - CDF/VIP Meeting 7:30 PM 31 - ARRL Straight Key Night