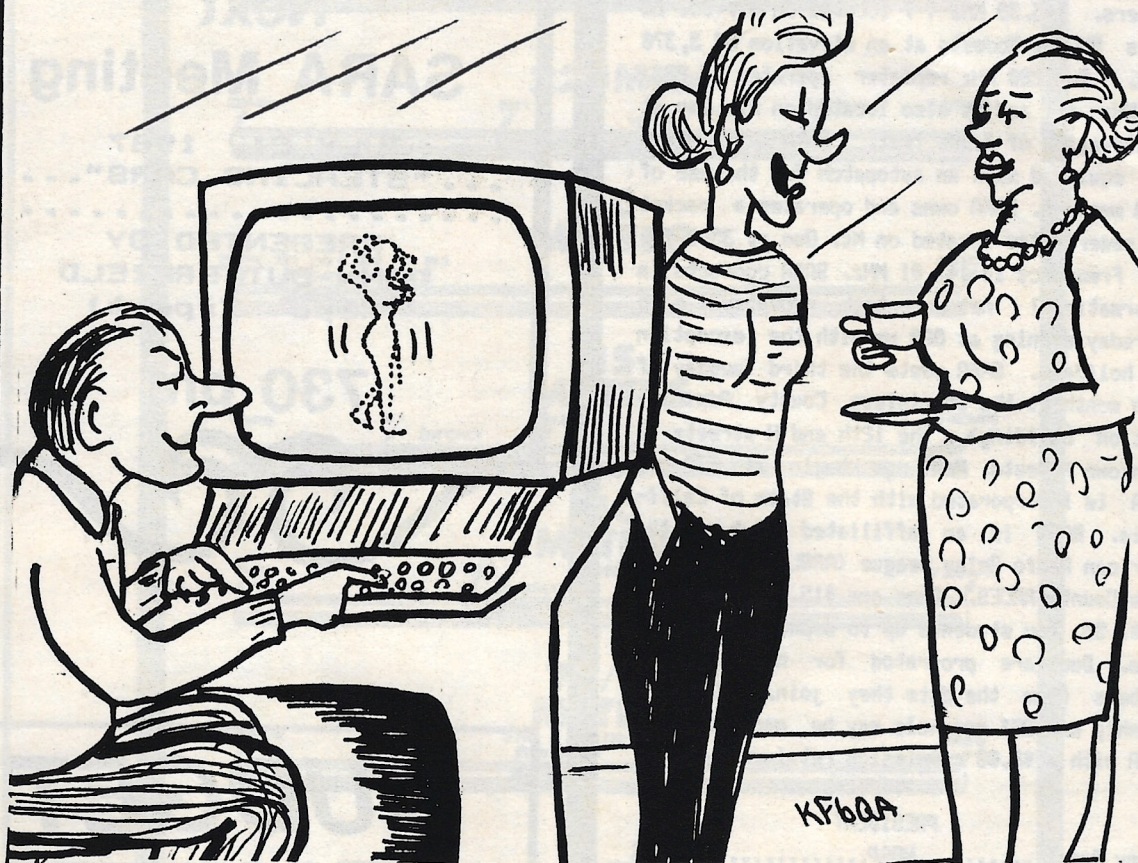




The READOUT

Vol. 10 No. 7 July 1987



" Jim's sure spends a lot time with computer graphics and I don't understand why. "

Stanislaus Amateur Radio Association, Inc.
P.O. Box 4601 Modesto, Ca 95352

R

READOUT is the official publication of the STANISLAUS AMATEUR RADIO ASSOCIATION INC. "SARA" P.O. Box 4681 Modesto, CA. 95352. Entered as bulk mail at the U.S. Post Office Modesto, CA. 95352

Contributions to READOUT are always welcome and may be submitted to the editor, Bob Pinheiro, W6GZLD at 1221 Mist Flower Ct. Modesto, CA. 95355. SARA owns and operates two F.M. repeaters. 145.39 MHz (-) located on Mt. Oso 22 miles SW of Modesto at an elevation of 3,370 feet. Our 220 MHz repeater operates of 223.68 MHz (-) and is also located on Mt. Oso at an elevation of 3,500 feet. Both repeaters are equipped with an autopatch for the use of SARA members. SARA owns and operates a packet digipeater also located on Mt. Oso at 3500 feet. Frequency is 145.81 MHz. SARA conducts an informational net on both repeaters each Thursday evening at 800 pm with the exception of holidays. SARA meets the third Tuesday of each month at the Stanislaus County Administration building at the 12th and H streets in downtown Modesto. Meetings begin at 730 pm. SARA is incorporated with the State of California. SARA is an affiliated club of the American Radio Relay League (ARRL) and Stanislaus County RACES. Dues are \$15.00 per annum, \$7.50 for students up to sophomore in college. Dues are pro-rated for newly joining members from the date they join. ARRL membership and QST renewals may be made through SARA with a \$2.00 commission retained by SARA.

PRESIDENT

Denny Dugal.....W6GP.....571-9046

VICE PRESIDENT

Bud Pelletier.....N6OCV.....823-0877

SECRETARY

Laverne Landeros.....KB6ECF.....578-5554

TREASURER

Bob Vreugdenhil.....N6OCS.....322-6127

Next SARA Meeting

JULY 21, 1987

... "STEALING CARS" ...

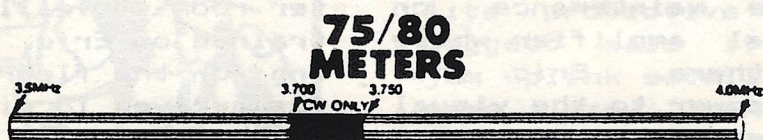
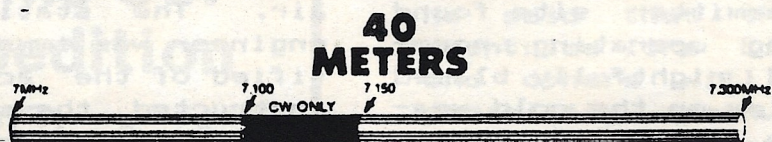
PRESENTED BY
DANN BUTTERFIELD
(Repo Expert)

730 pm

BUDGET COPY CENTER

1325 J STREET
MODESTO, CA 95354
TELEPHONE 529-5395

AMATEUR RADIO NOVICE BANDS



 NOVICE VOICE
  NOVICE CW

SANTA ROSA TELEVISION ENGINEER ESCAPES DEATH

(Ed. Note- The following is a true story that we could all learn from while working around high voltage sources. Our thanks to the SBE (Society of Broadcast Engineers) newsletter for this story which is excerpted from their story that appeared in the May 1987 issue.)

(MT. ST. HELENA, CA.) At mid-morning on a cold day in late March of this year, Channel 50, KFTY (Santa Rosa), transmitter engineer Eric Peter was called by the studio technicians to look into a problem with the 50 KW visual transmitter located on Mt. St. Helena which had several inches of fresh snow on the ground at the top. Eric upon arrival at the transmitter site found everything operating normally and rightfully blamed the problem on the cold weather. He decided to do some preventive maintenance on the visual amplifier while he was there. Eric shut down all power to the visual transmitter and associated high power supply while the station continued on the air using the aural transmitter for both aural and visual output. The aural and visual high voltage supplies are identical and both are located outside the build-

ing. Eric got into trouble when he opened by mistake the aural supply (which was on the air) instead of the visual supply. Thinking he was in the visual supply he reached down to work on a switch and came in contact with a 22,000 volt contact. He was thrown five feet across the pad, but remained conscious. The transmitter's overload circuitry shut the high voltage off, probably saving Eric's life. He managed to walk back inside the building and answered a ringing phone from the studio technicians in Santa Rosa wondering why the transmitter was off the air. The station's chief engineer was immediately notified of the accident and instructed the studio operators to keep the transmitter room surveillance camera trained on Eric, who was lying on the floor. Paramedics arrived 18 minutes later by helicopter. They hiked three quarters of a mile to the transmitter, found Eric, stabilized him and flew him to Santa Rosa Community Hospital. Eric was released the next day with no permanent injuries. All he had to show for his experience was

a burned hole in his foot about the size of a half dollar and a pin hole in his finger. His sock was a total loss! There is a moral to this story...Eric was lucky. What happened to Eric could happen to any one working around high voltages. Check, double check and triple check that the high voltage is turned off and that you are working on the correct piece of equipment. Use a shorting stick (or something like one), connected first to ground and only then to the hot source, before you stick your hands in. Leave the stick across the potential source if there's any risk of it coming up while you're still working on it.

Alpine Co. DXpedition



Aug 22 & 23

ZAPPING SATELLITES

Nick Leggett, N3NL, is still concerned that parties hostile to the USA could knock out America's communications satellite network with relative ease. In his comments on RM-4226, which looks toward rules that would reduce interference to such satellites, Leggett asks for protective measures that would protect satellites from damage caused by electromagnetic pulse effect (EMP) and uplink jamming. EMP is a wave of electromagnetic energy from a high level nuclear device that can travel for thousands of miles. According to Leggett, communication satellites would react to EMP as if they were hit by man-made lightning. He said that third world countries like Libya, Iran and others will have this capability soon. Asking that the FCC require satellite protective measures, Leggett said it is easy to jam uplink satellites, its a game many can play, he said. It is within easy financial, technological and logistical reach for small countries with a big gripe and even disgruntled individuals using surplus equipment to do it.

.....de W5YI Report



OFFICIAL MINUTES ARRL affiliated club

The June 16, 1987 meeting of SARA was called to order at 7:37 pm by President Denny, W66P. Introductions of 35 members and guests followed. Minutes read and approved with one correction. WD0FFX call appeared as WD0FXX. N60CS gave the treasurers report. Beginning balance \$1,943.78. Expenses: Educational Committee, \$101.84. ARRL, \$46.00. Pacific Telephone for April and May \$25.26. Secretary of State (Incorporation fee) \$2.50. State Fire Marshal for fireworks permit, \$35.00. Bill Peitz, W6AFS, to purchase battery and charger for the 220 machine. Whohlers Insurance Co. for club equipment insurance, \$90.00. Budget Copy Co. for 2 months printing of the newsletter \$85.86. U.S. Postage for newsletter mailing permit, \$100.00. N60CS, \$3.48 for supplies. Deposits, \$221.34. Ending balance, \$1,611.63. Under old business Terry, KB6NZ, reported on the fireworks booth. WD0FFX reported on for the Education Committee. New license classes will start June 23

at 7 pm at County Center 3. Next VE exam on August 15. FFX reported \$654.00 in the education fund for books and supplies. He also reported that we now have a separate education fund bank account and a fund raising bank account. WA6ZLO questioned whether or not the bylaws were violated by separating the funds and having those funds controlled by someone other than the treasurer. After considerable discussion, KI6DC, Gene, introduced a motion that the treasurer be made the custodian of the two new accounts. WD0FFX seconded the motion. Motion carried! W66P reported for Lori, N6JTD on the dinner-dance. The live band being considered plays music from the 50's, 60's and 70's. They charge \$300 for 4 hours. SARA must guarantee a minimum of 30 people for the dinner at the Oasis Restaurant. Motion made and seconded that the club hold the event at the Oasis and hire the band for the dance. Unanimously approved. Tickets will be \$15.00 per person with the club

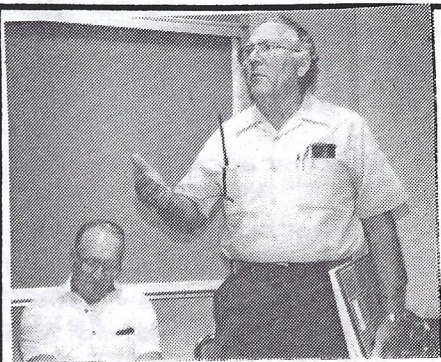
making up the difference in costs. Break for refreshments! After the break, WB6P presented the club with a rare DX QSL card issued to the club. WB6P used the club station call to work Peter I Island which he explained was a new country. The beautiful QSL card was passed around for inspection. Some new/old business was brought up by Gene, KI6DC, regarding the interference we have been having. Gene reports that the interference has gone away for the time being after he (Gene) called the FCC and made a complaint. Gene said the FCC was able to listen to the interference over the phone from Gene's shack. The offending paging system owners were contacted by the FCC and they have in turn contacted us. Raffle, \$7.- @, won by N6NUD, Wes Cooper. Program of video tapes of DXpeditions were shown. Meeting adjourned! Respectfully submitted by SARA Secretary Laverne, KB6ECF.

FIREWORKS STAND FIZZLES

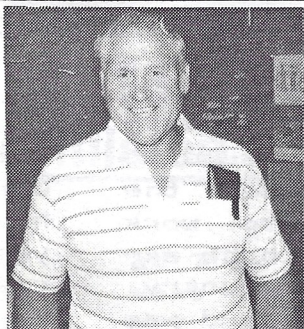
Due to circumstances beyond our control, we will not have a fireworks stand this year as a planned fund raiser. According to Phil, WD2FFX, the event fell through when the owner of Lyons Market on South 7th street sold the business and the new owners refused to honor the agreement to allow the club to set up a stand in front of the store. A frantic search was conducted by Phil and Terry, KB6NZ, for another site. One was found at the corner of 7th and B streets, but this location proved to be across the street from another Red Devil fireworks stand and this site was canceled by the folks at Red Devil. A lot of hard work was put into the preparations for the stand by Phil and Terry, both of whom should be commended for the efforts.

ADVANCED AND EXTRA CLASS VE'S NEEDED

As of now, there are 23 Extra class and 43 Advanced class members in SARA. That totals 66. That's how many members could be volunteer examiners and assist the club in giving
(Continued on Page 14)



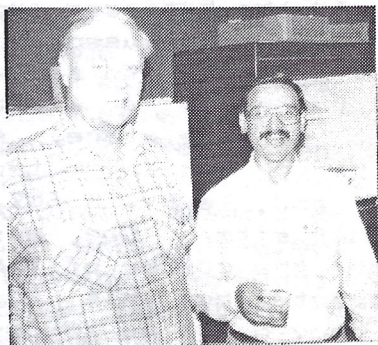
(1)



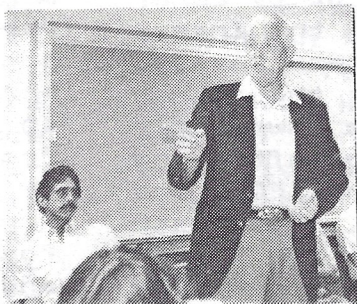
(2)



(3)



(4)



(5)



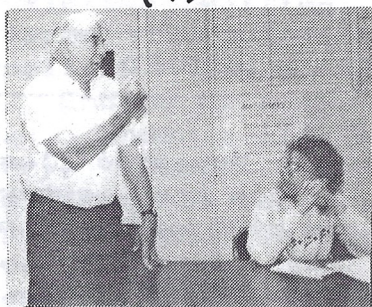
(6)



(7)



(8)



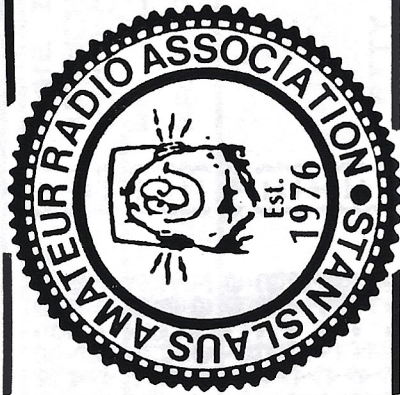
(9)



(10)



(11)



NORTHERN CALIFORNIA

TWO METER

REPEATER DIRECTORY

1987

AMADOR:

146.835 (-) PINE GROVE W6GWIY

BUTTE:

147.975 (-) CHICO WB6RCH
 146.94 (-) W6ECE
 147.30 (+) K6NP
 146.85 (-) FORREST RANCH W6RHC
 147.39 (+) PARADISE W6ECE

CALAVARAS:

145.17 (-) FOWLER PEAK WB6MFV

CONTRA COSTA:

145.11 (-) SAN PABLO WD6EYC
 145.33 (-) MT. DIABLO K6POU
 145.41 (-) MT. DIABLO W6EUC
 145.43 (-) LL RACES W6ODP
 146.355 (+) WB6BIU
 146.895 (-) PLEASANT HILL K6IH
 147.06 (-) WALNUT CREEK W6CX
 147.735 (-) CONCORD W6AEO
 146.895 (-) PLEASANT HILL K6IH

DEL NORTE:

147.18 (+) CRESCENT CITY K6HY

EL DORADO:

146.85 (-) S. LAKE TAHOE W6CSP
 147.825 (-) CAMINO W6HBH
 146.805 (-) POLLACK PINES K6GWW
 146.67 (-) SHINGLE SPRGS W6JYB
 146.64 (-) PLACERVILLE W6FWU

FRESNO:

146.70 (-) FRESNO WB6ITM
 146.82 (-) K6KDM
 146.85 (-) K6OGX
 147.105 (+) W7POR
 147.24 (+) W6DCP
 147.39 (+) WB6BVQ
 146.61 (-) W6SBM
 146.79 (-) WB6JIT
 146.94 (-) W6TO
 145.13 (-) WB6TIA
 146.985 (-) K6AIR
 147.15 (+) WB6QDN
 147.30 (+) W6FIP

GLENN:	147.705 (-)	WILLOWS	K6BIQ
HUMBOLT:	147.18 (+)	EUREKA	K6GZV
	146.61 (-)		W6RNL
	146.06 (-)		W6JWB
	147.00 (+)		W6ICB
	146.82 (-)		W6RNL
	146.94 (-)		W6ICB
	146.76 (-)	SCOTIA	W6ICB
	146.79 (-)	GARBERVILLE	KE6WC
	146.70 (-)	WILLOW CREEK	W6ICB
INYO:	146.88 (-)	BISHOP	W6CPY
	147.06 (+)		W6IYW
	147.09 (+)		W6IYW
	146.94 (-)		K6BDI
	146.76 (-)	LONE PINE	W6TD
	147.27 (+)		W6TYU
KERN:	145.15 (-)	BAKERSFIELD	K6YDW
	147.03 (+)		W6GML
	147.12 (+)		K6APE
	147.30 (+)		W6GFT
	145.15 (-)		W6QFJ
	145.35 (-)		W6QFJ
	147.06 (+)		W6IYW
	146.67 (-)		W6CLS
	146.91 (-)		W6VBZ
	147.09 (+)	DELANO	N6UR
	146.94 (-)	RIDGECREST	W6YBN
	147.06 (+)	TEHACHAPI	W6PVB
	146.005 (+)	LAKE ISABELA	W6UYW
KINGS:	145.18 (-)	HANFORD LL	K6R0Z

147.33 (+) COALINGA	W6IY	146.625 (-)	LIVERMORE	W60DP
LAKE:		146.655 (-)		W60A
146.775 (-) CLEAR LAKE	K6JJW	146.775 (-)		W60DP
LASSEN:		147.12 (+)		W60DP
146.88 (-) SUSANVILLE	W6EXP	146.82 (-)	OAKLAND	W6AEE
MADERA:		146.88 (-)		W6NDJ
147.18 (+) MADERA	W6WZ	147.21 (+)		W6TCS
MARIN:		146.825 (-)		W6KBD
145.49 (-)	W6EJZ	147.015 (+)	FREMONT	W6PWW
147.33 (+)	K6GWE	147.03 (+)	PL 156.7	N6DOD
145.29 (-)	K7IJ	147.045 (+)	SUNOL	W6SBJ
146.70 (-) RTTY	K6GWE	147.24 (+)	PLEASANTON	W6RGG
		145.35 (-)		W6ODP

SANTA CLARA:

143.19 (-) SAN JOSE	W6IIBM
145.23 (-)	W6APZ
145.27 (-)	W6ABH
145.39 (-)	W6DYL
145.45 (-)	K6FB
146.625 (-)	W6QDP
146.64 (-)	W6WSH
146.76 (-)	W6QQS
146.115 (+)	W6ADZ
146.385 (+)	W6UU
146.805 (-)	W6LPPZ
146.94 (-)	W6JKA
147.12 (+)	N6RZ
147.165 (+)	W6KHP
147.195 (+)	W6WER
147.315 (+)	W6FOU
147.39 (+)	W6PIY
147.675 (-)	W6FXK
147.825 (-)	K6THR
147.855 (-)	W6KXK
147.975 (-)	K6ILN
147.975 (-)	W6OJO

(C) Copyright by W6ZLD. Permission to reprint is granted with credit to W6ZLD and the Stanislaus Amateur Radio Assoc.

MARIPOSA/MERCED:

147.255 (+) MERCED PL-100 N6AYI

MENDOCINO:

146.79 (-) FORT BRAGG	N6ST
146.82 (-)	W6FBL
145.13 (-) REDWOOD VLY	N6LQH
146.88 (-) UKIAH	W6QXY
147.825 (-) GUALALA	NX6B
147.15 (+)	W6LQY
147.21 (+) COVELO PL-103	W6KFA

MONO:

146.61 (-)	K6PXF
147.27 (+) JUNE LAKE	W6TYU

MONTEREY:

147.975 (-) MONTEREY	W6SAT
147.945 (-)	N6HRX
146.97 (-)	K6LY
146.085 (+)	N6AHW
145.47 (-) SALINAS	K6JE
146.91 (-)	W6CAN
147.00 (+)	W6HUK

SAN MATEO:

145.15 (-) SAN MATEO W6PM
 146.67 (-) W6BUR
 146.85 (-) W6GFR
 146.865 (-) W6JKT
 147.09 (+) BELMONT W6CKT
 147.30 (+) W6VIG
 145.37 (-) KB6WR
 146.61 (-) WOODSIDE W6EDE
 146.925 (-) PACIFICA W6TOW
 147.285 (+) HALF MOON BAY W6ASD

SONOMA:

145.17 (-) JENNER W6RHP
 145.25 (-) SONOMA W6YGD
 146.73 (-) SANTA ROSA W6PVS
 146.91 (-) B2100 W6SXC
 147.12 (+) KD6LC

STANISLAUS

145.39 (-) MODESTO W6EJF
 146.355 (+) LL W6DYF
 147.03 (+) TURLOCK W6BXN

SAN JOAQUIN:

146.88 (-) STOCKTON W6TCG
 145.21 (-) W6SEK
 145.25 (-) W6SEK
 147.165 (+) W6SF
 147.21 (+) LL W6BWK
 146.985 (-) MANTECA LL W6GTK
 147.09 (+) LODI PL W6ASU

BUTTER:

146.085 (+) YUBA CITY WD6AXM

TRINITY:

146.73 (-) WEAVERVILLE WD6FHX

TULARE:

146.97 (-) EXETER LL W6RLW
 147.36 (+) VISALIA W6BLB
 146.88 (-) W6BAI
 146.115 (+) RTTY K6YDW
 145.13 (-) W6CYN
 147.06 (+) W6BLB
 146.61 (-) W6SBM
 146.655 (-) PORTERVILLE K6LSB
 145.31 (-) W6CYN

SANTA CRUZ:

146.79 (-) SANTA CRUZ K6BJ
 147.975 (-) WATSONVILLE W6OJO

SHASTA:

146.76 (-) REDDING W6QWN
 146.64 (-) WAGIEDO
 147.15 (+) BURNEY W6KKH

SISKIYOU:

146.82 (-) DUNSMUIR W6OMR
 146.67 (-) MT. SHASTA W6WTT
 146.79 (-) YREKA K6ZZA

SOLANO:

145.31 (-) VALLEJO LL W6YXV
 147.00 (+) MT. VACA W6UBV
 147.27 (+) W6AEX

TUOLUMNE:

146.115 (+) TWAIN HARTE W6FGC
 147.945 (-) SONORA W6FEJ

YOLO:

146.97 (-) WOODLAND W6VKH

YUBA

146.085 (+) YUBA CITY WD6AXM

SARA MEETINGS ARE FUN

If you are not coming to the monthly SARA meetings you are missing out on all the fun, friendships and information about whats going on in your club. The monthly meetings are where the decisions are made. You'll see old friends and meet new ones. The may meeting was a good one as the photo's on the opposite page point out. Here's the run down!

1. Charles Lettin, KB6QLH expressing his view about the low-level 220 machine. His point seems to have put his friend Cliff Kachline, KB6QLI to sleep, but he wasn't.
2. Glen Hotchkiss, KA6WBY of Turlock during the break.
3. Tom Farr, WJ6Q, during the break.
4. Marion Zimmerman, KB6NMF and Lee MacKenzie, WS6Q during the break.
5. Bill Peitz, W6AFS, speaks in opposition to low-level machine.
6. Lori Faries, N6JTD enjoys the break.
7. New member Whit Woodard, KB6SEZ listens to discussion as his grandson looks on. In the background from left to right are Scott Warner, WB3KJX. New member Al Berment, K6AXV (with hat on). Chuck Loveland, NW6G.
8. During the break friendships are renewed. From left to right Wes Cooper, N6NUO. President Denny Dugal, WB6P shaking hands with Stanislaus County Fire Warden Russ Richards, N6JTA.
9. John McLaughlin, KI6OO, makes sure his point is not taken to lightly. Lori, N6JTD, looks on.
10. The Duncan family gets involved with the patriarch, Bill, WA6QHP leading the way. On Bill's right his daughter Linnea, KB6KNX. On his left is his wife Dottie, N6LRZ. At the far right is guest speaker Doug Hanson, WB6MFV.
11. Doug Hanson, guest speaker, talks about the High Sierra Link.

Photo's by WA6ZLO and processed for printing by KJ6Q.

THE AMERICAN RADIO RELAY LEAGUE, INC.

SECTION MANAGER

SAN JOAQUIN VALLEY

Charles P. McConnell W6DPD

The Forest Service has proposed new fee schedules for various radio and TV services, including Amateur Radio, that lease sites for stations. There are 9 Forest Service Regions and each has proposed its own fee schedule. The largest increase is in the Mountain Region which would raise repeater rentals to \$1000. See the July 1987 QST for information.

The Radio Society of Great Britain has announced that starting June 1, 1987, British Amateurs are authorized to use the entire 50-52 MHz band with 100 watts ERP, horizontal polarization only with 20 meter antenna height. There are no mobile, portable, or alternate fixed locations are permitted.

ATTENTION PREFIX HUNTERS. Saint Johns, New Brunswick Amateurs may use the special prefix, VD1, during June. Coburg, Ontario, Amateurs may use VX3 from June 22 to July 5. Terrace Bay, British Columbia, Amateurs may use X07 during December. To commemorate the 15th Winter Olympic in Calgary, Canadian Amateurs may use the following prefixes during January and February: CH1 in the Yukon, CJ1 and CJ2 in Newfoundland and Labrador, and VX1 through VX8 in the rest of Canada.

Amateur Radio will participate in the Commemoration of the Bicentennial of the U.S. Constitution. The celebration began May 25 and will continue on July 4. See Page 90 of May 1987 QST for times and frequencies. The active stations are NN3SI, W3DOS, and K3MTK. There will be special celebrations in each of the 13 original states. There is a special event for clubs to be active during a week when the state joined the Union. Your club should have information on this event. Watch QST, especially the September, 1987, issue for more information on this celebration.

Comments filed on FCC General Docket 87-14 by May 27, 1987, filled 16 volumes and the FCC Docket room was 3 weeks behind in filing the comments. The ARRL Comment was filed May 21. The text was 49 pages with other exhibits totaling 31 additional pages. (ARRL LETTER V6N11)

SACRAMENTO'S CHANNEL 13 BROADCASTING TELETEXT INFO

On March 10th, KQVR, Channel 13, Stockton/Sacramento, began teletext transmissions using the World System Teletext transmission method developed by the British. The service, which utilizes lines 14 through 18 of KQVR's vertical interval, is offered free of charge to viewers who have teletext decoders. KQVR transmits two teletext magazines which are available at all hours KQVR is on the air. The "Electra" magazine offers up to 100 pages of information which include the latest news stories, sports, business, weather and a life-style section. The other service is called "Tempo" and broadcasts stock market

reports. KQVR receives both services via satellite and retransmits them using a VG Electronics Ltd. data bridge to extract the teletext information from the vertical interval of the satellite video and reinsert the teletext into the KQVR program line. Finding teletext decoders may at first appear to be a problem, however, in 1986, Zenith began supplying teletext decoders as standard equipment in many of their top of the line models. Many home satellite receiver manufacturers also market add-on decoders.


...SBE Newsletter

THE AMERICAN RADIO RELAY LEAGUE, INC.

(Continued from Page 10)

FCC no longer deletes calls of Silent Keys unless its cancellation is requested. Since the term of an Amateur License is now 10 years, the family of the deceased Amateur could continue to receive mailings for at least that period. To avoid this, families of deceased Amateurs should send the license, or a letter if the license cannot be found, requesting its cancellation to FCC, Consumer Affairs Office, Gettysburg, PA 17326. (ARRL LETTER V6N11)

The ARRL has filed Comments in General Docket 87 107, the FCC proposal concerning input selector switches for televisions. The FCC proposes a 60 db isolation standard for the switches, but the ARRL has asked for a 90 db standard.



Editor's WA6ZLO Notes

Another successful SARA VE exam was held on June 6th. 26 applicants took their tests. Bill Luebke, KA6DJR moved up to a Technician as did Charles Lettin, KB6QLH. Chuck also passed his 13 wpm code test. Nancy Woodard; Charles Shaffer, KB6TAD and Jeff Carlson also passed their Technician tests. Whit Woodard, KB6SEZ passed his Advanced and Cliff Kachline moved up to a General. The four VE's who handled the session were Chet, W6XX; Fred, K6RAU Joe, WQ6W and Phil, WD0FFX. The next test session sponsored by SARA will be August 15th at County Center 3. The Merced VE group will hold their next session on September 19th at Merced College. After the session FFX found a blue adult size sweater and jacket left

behind. If these are yours, contact Phil at 523-9018. +++The 147.255 repeater on Mt. Bullion has been sold and off the air for repairs. The machine was bought from WB6INM by a group of 17 local hams in the Merced/Atwater area. The machine is due back on the air soon using the call of N6AYI. The usual 107.2 PL will be required to access the otherwise open machine. WB6INM sold the machine to devote more time to his 440.675 MHz repeater on Bullion which is linked to Mt. Hamilton at San Jose (440.600) and WA6SBM at Fresno. +++SARA past President, Paul Caruso, WD6EYX, is running for a seat on the Ceres City Council. Good Luck Paul! +++Welcome to new member Max Storey, N6GOX of Sonora. Max is a General and a truck driver first licensed in 1981. +++ Congratulation to Len (WA6FOL) and Iris Mendonca on the successes of their son Rob, 18, who led his Turlock Bulldogs baseball team to a share of the Central California League title. Rob was voted the league's most valuable player for the year with a league leading batting average. They sure do raise them good down on the farm! Congratulations to Ernie,

K6UVI and his new bride Rita who were married in May. They just returned from their honeymoon in the Pacific Northwest and Canada. I've asked Ernie, and he has accepted, to write a story about their travels. His story should be appearing soon. +++ Club treasurer Bob, N6DCS, requests that if you change your address, telephone number, call, class of license, name or anything else, PLEASE be sure and notify SARA so we can correct the data base. Keeping all this information (even with computers) is a job, so, please don't make it any tougher and then scream when it's wrong on the roster. +++The National Weather Service is putting on a workshop geared toward Amateur radio operations as they relate to weather emergencies. The workshop is open to all interested Amateurs and will be held at the Stanford Linear Accelerator Center in Menlo Park on Saturday July 25th, 1987. The program begins at 8 am and continues through 445 pm. A registration fee of \$10 is required and

... See Page 15

VE Test Sponsored by



Aug. 15, 1987
County Center 3
Modesto
Contact Person
N6LRZ 537-2785

Walkin's OK

TEST SCHEDULE

900	AM...20 WPM CODE
930	AM...13 WPM CODE
1000	AM... 5 WPM CODE
1030	AM.. ALL WRITTEN ELEMENTS

KB6RXL BECOMES SILENT KEY BEFORE FIRST QSO

The length of time (sometimes excessive) it takes the FCC to process and mail Amateur operator licenses was featured in a newspaper article in the May 13th issue of the San Diego Union. Confined to his house by cancer, Robert Harrod, Sr. waited each afternoon for the mail to bring his lifetime dream— an Amateur radio license. When it didn't arrive his congressman, Senator Pete Wilson, intervened and notified Bob that his license should arrive in a few days. It didn't! Bedridden, Harrod waited anxiously with his new ham radio set sitting next to him. A large antenna erected by friends over his San Ysidro home was all set to

go. While Senator Wilson told Bob that his call sign, KB6RXL, had been issued, he couldn't use his radio until the license was actually received. The license was issued on Tuesday, May 5th (ham tickets are printed each Tuesday in Gettysburg and mailed every Thursday.) It should have arrived by Saturday. Robert Harrod, Sr. died Sunday without achieving his dream— that being a licensed ham radio operator. Without his Amateur license, his world ended at his bedside. His treasured ham ticket would have allowed him to visit the world.

... de WSYI Report

ADVANCED AND EXTRA CLASS VE'S NEEDED

(From Page 7)

periodic tests in Modesto. YOUR HELP IS NEEDED! Its very easy to qualify (accreditation) yourself. All you have to do is write to the ARRL VE Program 225 Main Street, Newington, CT. 06111 and asked them to send you the instruction manual. Once you receive it you will be asked to take an open book test of 50 questions. You simply dig the answers out of the manual and sign your name and mail back the test and the associated application form. There is no fee and you only have to volunteer your services once a year (or more if you like) to keep your accreditation. The ARRL will send you your creditals in the mail. Do it today!

Page 14

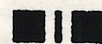
(Continued from Page 13)

capacity is limited to 300 people. For more info call Edwin Clark at 916 442-1468 in Sacramento. +++ The final details of the Alpine Expedition will appear next month. If you want to participate contact WD6CMI. +++ The Pacific Division ARRL Convention (Pacificon) will be held at the Le Baron Hotel in San Jose on October 2 through 4. The Le Baron is located at 1350 N. First St. in San Jose. A block of rooms has been set aside for the convention with room rates set at \$48.00 plus tax for either one or two people. Ask for the special "Pacificon" rate when you call for reservations. The number to call is 408-288-9200 or 800-662-9896. +++ WELCOME to these new members of SARA. Ken Mendenhall of Ceres. He is a new Technician waiting for his license to come in. Walter Caton, KB6QYC, Technician, also from Ceres, and Earl Wilson, K6GPB, an Extra from Bustine. Earl is the city manager for Bustine and the former city manager is Escalon. Welcome back Terry Morley, KB6NZ. +++ I had a chance to talk to SARA mem-

ber Dick Wharton, N6MOK, on the Roseburg, Oregon 145.43 MHz repeater last month as we were passing through on vacation. Dick has been having trouble with his heart but was in good spirits and said to say hello to everyone. I tried, but failed, to reach Okie Clark, K6SJV, in Forest Grove, Oregon when we were in the Portland area. I hope he is getting along OK as we have not heard from him in quite sometime. +++ According to a story out of Fullerton, CA., a lady there was using her curling iron one day when it cussed at her. Thats right, it cussed at her! She turned red and reported the "cussing iron" to the police who called the FCC. The FCC said that they could not come out, but, it probably was a nearby CB'er illegally running high power. +++ Look for prices of personal computers to drop sharply soon in light of IBM's April announcement of their new PC line...and an accompanying price reduction on existing models. Expect about a 20 % drop from companies like Tandy, AT&T, Zenith, Epson on their IBM clones.



CALENDAR



- July 21, 1987... SARA Monthly Meeting 730 p.m.
Dann Butterfield on
Stealing Cars (Repo Expert)
- Aug. 18, 1987... SARA Monthly Meeting 730 p.m.
- Aug. 22-23, 1987... DXpedition to Alpine County
- July 10-12, 1987... ARRL National Convention in
Atlanta, Georgia
- Sept. 15, 1987... SARA Monthly Meeting 730 p.m.
- Oct. 3, 1987... SARA 10th annual dinner-dance
Oasis Restaurant on McHenry.
- Oct. 20, 1987... SARA Monthly Meeting 730 p.m.
KB6DIV Boating in the Sea of
Cortez.
- Nov. 17, 1987... SARA Monthly Meeting 730 p.m.
- Dec. 15, 1987... SARA Monthly Meeting 730 p.m.

SARA meets the third Tuesday of each month (except holidays) at the Stanislaus County Administration Building at 12th and H streets in Modesto. The meetings are held in the lower-level conference room starting at 730 p.m. Visitors are welcome.

ADDRESS CORRECTION REQUESTED
RETURN POSTAGE GUARANTEED

Bulk Rate
U.S. POSTAGE
PAID
Permit No. 5
Modesto, Calif.

Stanislaus Amateur Radio Association, Inc.
P.O. Box 4601 Modesto, Ca 95352