

- The - READOUT

Vol. 10 No. 1 Jan. 1987



OH, ALL RIGHT --- YOU CAN HAVE ONE OF THOSE LITTLE
HANDHELDS, LIKE THE REST OF THE GUYS!

WORLD RADIO, January 1987

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

1987 OFFICERS

PRESIDENT



Denny Dugal

WG6P

VICE PRESIDENT



Bud Pelletier

N6OCV

TREASURER



Bob Vreugdenhil

N60CS

SECRETARY



La Verne Landeros

KB6ECF

SARA EDUCATIONAL COMMITTEE REPORT with WDOFFX

The November, 1985 issue of The READOUT carried a couple of articles dealing with SARA's training and education program. Out of these articles, some questions naturally popped up. In this report I will attempt to answer them as well as report on the current class. I'll also give you information on the next class and the pre-registration deadline. One of the class requirements is that each student who has a CW requirement for his/her pursued license, be able to send as well as receive CW at the required speed. This is a class requirement and an optional test tool. The reception of CW is the required by the FCC only. The VE component of our club is handled by some very responsible and reliable people. We enjoy a high level of cooperation that need not change. We are not one in the same. I do want to take this opportunity to thank all of them for their assistance, cooperation and dedication. Something that sometimes is forgotten with all the deregulation the FCC is throwing at us is licensing exams, ways they are given and the examiners. Some

pretty heavy headaches have come out of the FCC's determination to get out of the testing business. They include appearance of about 26 different VEC's, each separate entitles. The dropping of the question pool by the FCC and leaving the VEC's to work out or adopt their own has presented problems. What appears to be forgotten is that the basic premise of testing and licensure will remain the same. CW and the written exam for the Novice class license may still be given by and "Elmer" who is not related to the examinee and is a non-VEC holding a General class or higher and is over 18 years of age. All other classes are given by VE/VEC's. A person who can only hear, speak or otherwise is totally disabled due to paralysis, or whatever, can still copy code. Perhaps, not in the traditional sense, but, creative minds go a long way here. I spoke directly with the VEC people at ARRL Headquarters and they said if nothing else they (the disabled) could yell it at

----- See page 18 -----

LAST CHANGE

GOODBYE! This is it! If you haven't paid your 1986 dues, this will be the last issue of READOUT that you will get and your name will be dropped from the roster. If you have forgotten to send in your dues, please clip the membership application form from the inside of the back page of this issue and fill it out and send it in to the club's post office box with your check or money order. This is our 11th year and we are hoping to break the membership record of 183 set last year. We can't do it without you. If you stop to think about it, \$15.00 per year (\$7.50 for students) is only \$1.25 a month. For students that's only 62 1/2 cents a month. We have not increased our dues since the club was founded in 1976.

How do we do it? Primarily by keeping our membership up. Keeping the membership up also enables us to continue to take advantage of the bulk mailing program offered by the Post Office. The bulk mail cost of each newsletter is \$12 1/2 cents per copy as compared to 22 cents First Class. Bulk mail allows us to put out a larger (20 pages) newsletter because of the increase weight limits of bulk mailing. If you are not sure about the status of your membership, examine the upper right corner of the mailing label on the back page. The year that you are paid through appears in the upper right hand corner. We don't want to say goodbye, so please send in your dues now!

DUES: Full membership.....\$15.00
Student to sophomore in college..... \$7.50
Family: Head of household.....\$15.00
Each additional member of family..... \$7.50



W5YI REPORT....

>>> The Defense Fund for Jack Ravenscroft, VE3SR, the Canadian Amateur who had a permanent injunction placed against his ham radio operation by a judge from the County Court in Ottawa last January has swelled to \$54,557.98. (over 10% came from the U.S.) Even though given a clean bill by the DDC (Canadian Department of Communications), Ravenscroft was found guilty of being a "nuisance" when he interfered with a neighbor's appliances. A Toronto law firm has been retained for the appeal process. \$25,000 has already been spent in Jack's defense, \$30,000 is left.

>>> SPACE (The Society for Private and Commercial Earthstations) and the DB-SA (Direct Broadcast Satellite Association) have merged into one trade group now called the Satellite Broadcasting and Communications Association of America (SBCA.) Satellite broadcasting at present primarily involves reception of C-Band programming by nearly 1 1/2 million backyard dish own-

ers. On the horizon, however, is programming and information services transmitted by Ku-band satellites to smaller and less costly earth stations. SBCA is designed to improve satellite delivery of programming for all satellite users, including cable operators. SBCA expects to be ready for business by January 1, 1987.

>>> The November 10th edition of Electrical Engineering News has an interesting study on "defeating the VideoCipher II scrambling system." At least five engineers have successfully demonstrated their ability to decrypt the video portion of scrambled satellite video signals. The audio cipher based on the NBS encryption standard has yet to be cracked. No one seems to know just how many backyard dish owners have purchased VideoCipher II descramblers. Best guess is about 100,000. HBO says it has already signed up over 60,000 TVRO subscriptions. All networks plan to eventually scramble.

SHIP TELEGRAPHY OUT

The demise of shipboard radiotelegraphy is expected within ten years. The Coast Guard is preparing to convert its Morse weather broadcasts to Marine Telex (SITOR). Marine communications utilizing satellites and electronic charting and positioning will reduce, maybe even eliminate, the need for employing licensed radio officers. The new system should be in place by 1997. A six year transition period (1991 to 1997) is planned. The prime difference between today's distress system and the new one is that today's system relies primarily on ship-to-ship alerting while the new system will be satellite based ship-to-shore alerting network. VHF/HF Digital Selective Calling (DSC) is another technology which will hasten the end to the shipboard radio operator. DSC becomes mandatory on certain deep ocean going vessels in 1992.

THIS IS IT!!

SEE PAGE 4 FOR DETAILS.

ILLEGAL DEVICES SEIZED

A federal judge has slapped a \$2,000 fine against Kapco Ventures of Chicago for its manufacture and distribution of a non FCC approved miniature TV transmitter marketed under the name of WEE-TV. The judge also ordered Kapco to forfeit 348 video transmitters seized by U.S. Marshalls. The action comes as part of a continuing nationwide investigation targeting miniature TV stations that are designed to transmit audio and video throughout households without using wires. The transmitters operate with low power on UHF-TV channels.

SEN. GOLDWATER RETIRES

Senator Barry Goldwater, R-UGA, was honored at a breakfast November 14 by the broadcasting industry. The breakfast was the industry's way of showing it's appreciation to Goldwater, 77, for his many years of service to his country. Goldwater, who walked with the aid of a cane, chaired the powerful Senate Communications Subcommittee for the past four years.

STATION LOG

ARRL
affiliated club

The December 16th meeting of SARA was called to order at 7:31 pm. Introduction of 26 members and guests followed. Minutes of previous meeting read and approved. Treasurers report given by Treasurer N6OCS. Bank balance as of 12-16-86 \$764.87. Expenses total \$375.97. \$300 educational committee. \$12.90 phone. \$40.07 READ-OUT. \$23.00 ARRL. Deposits \$368.75. New balance, \$1,057.65. Treasurer report approved as read. WD0FFX reported on funds spent out of the educational fund and money received from the sale of books and tapes. New balance in the educational fund \$248.00. KI6DC reminded members that all new novices coming out of SARA license classes would receive a full years club membership free. KG6NZ, Terry, reported on ideas from the fund raising committee. Suggestions included a raffle, auction and/or a flea market. W6OQF suggested the ideas be published in the READOUT. FFX, a member of the committee said this is being done. Under new business, FFX reported a new license class will start February 28th, 1987 and run

15 weeks. NV6S reported on the upcoming CW contest which starts on 2-1-87. A suggestion was made that the club consider setting up a road and weather conditions net on foggy days. Much discussion on this but no action taken. FFX reported that much of the funds spent for the license classes is unrecoverable in that it is material bought for the instructors. A lot of discussion followed on ideas to take care of this expense. W66P made a motion that SARA replenish the education fund. Motion carried! VP, John, KG6OU listed the candidates for new officers on the black board. No further nominations from the floor were received. W66P was elected President for 1987. Elected VP, N6OCV, Bud Pelletier. I (KB6ECF) was re-elected Secretary and Bob, N6OCS elected to a full term as Treasurer. The program was presented by Mike and Trina Ebeling on "Australia, the Land Down Under." Meeting adjourned at 10:05 pm. Respectfully submitted by LaVerne, KB6ECF, SARA Secretary.

SARA CW RABBIT CONTEST STARTS NEXT MONTH

The latest club sponsored CW contest begins February 1 through February 28, 1987. This contest will feature so-called "rabbits" to make the contest more fun. The object of the contest will be to find the rabbit, or rabbits, and make the proper exchange. The rabbits will be designated SARA members who have been especially chosen. There may be one or more rabbits operating at any given time on any Novice frequency. A rabbit will receive no points in the contest while operating as a rabbit, however, he/she may take part in the contest when they are not being rabbits. The rabbits will be chosen from volunteers. The rabbit will not identify him/herself as a rabbit. You must ask during each of your CW contacts if he/she is a designated rabbit. Arranging contacts via phone or any other mode, except CW, is prohibited. Individual operators may disclose the frequency of a rabbit. However, the rabbit may change frequencies at will. The required exchange information will include the RST report, the QTH and the number of the

contact. Five points will be awarded for each contact with a rabbit limited to one contact per rabbit, per day, per band. If you work the same rabbit on more than one band you will receive five points times the number of bands worked for the first contact on each band. This will continue until you have worked him/her on all four Novice bands. Additional contacts with the same rabbit will be worth five points each, limited to one contact per rabbit per day. The log, a sheet of paper will do, must contain the exchange information including the date, time and the call sign of the rabbit. In the event of a disagreement between logs, the log of the rabbit will be used to determine points. While a rabbit may operate on any Novice frequency, the suggested frequencies will be 3.739, 7.139, 21.139 and 28.139. Look for someone calling CQ SARA or try calling yourself. The rabbit may either call CQ or listen and answer CQ SARA calls, but, remember, you must ask

----See page 18----

Northern California 220 MHz Repeaters

BUTTE:

224.18 (-) CHICO WD6CPM

CONTRA COSTA:

223.64 (-) GRIZZLEY PK WB6NPZ
 .74 (-) WALNUT CREEK W6CX
 .80 (-) LAFAYETTE RIDGE WB6DHN
 .84 (-) WALNUT CREEK WB6PQM
 .98 (-) DANVILLE WB6VHW
 224.18 (-) LAFAYETTE RIDGE WA6NTG
 .24 (-) BRENTWOOD LL W6EEN
 .76 (-) MT. DIABLO WA6YOP
 .82 (-) SAN PABLO RIDGE WB6CVJ

EL DORADO:

224.02 (-) S. LAKE TAHOE N6IPA
 .06 (-) PLACERVILLE N6DPP
 .58 (-) SHINGLE SPRINGS W6JYB
 .80 (-) SLIDE MTN. (RENO) WA6CBA

FRESNO:

223.72 (-) FRESNO K06A
 .78 (-) FRESNO WB6JIT
 .82 (-) MT. STEVENSON K6KDM
 .94 (-) MEADOW LAKES W6TO
 224.44 (-) COALINGA W6IYY
 .70 (-) MEADOW LAKES WB6DBJ
 .82 (-) CLOVIS K6KDM
 .94 (-) BEAR MTN. WB6MCG
 .96 (-) CLOVIS K6KDM

PLACER:

223.66 (-) LOOMIS WA6ZNM
 223.86 (-) AUBURN WB6DHV

SACRAMENTO:

223.66 (-) FORREST HILL WA6ZNM
 224.10 (-) FOLSOM DAM W6AK
 .20 (-) SACRAMENTO N6BPK
 .22 (-) SACRAMENTO LL AG6M
 .58 (-) SACRAMENTO W6JYB
 .68 (-) SACRAMENTO K660F
 .70 (-) SACRAMENTO WB6UBF
 .72 (-) SACRAMENTO LL W6LLP
 .78 (-) SACRAMENTO K6IS
 .84 (-) SACRAMENTO W6HIR
 .98 (-) SIERRA VISTA K6LXO

SAN LUIS OBISPO:

224.58 (-) SAN LUIS OBISPO WA6QBG

SAN FRANCISCO / ALAMEDA:

223.42 (-) BERKELEY WA6GCS
 .62 (-) SAN LEANDRO WD6EVM
 .64 (-) OAKLAND WB6NPZ
 224.44 (-) SAN FRANCISCO KC5PQ
 .50 (-) SAN BRUNO WB6FDT
 .52 (-) LIVERMORE LL PL WA6SDA
 .76 (-) OAKLAND WA6YOP
 .80 (-) PLEASANTON KA6LSL
 .82 (-) OAKLAND WB6CVJ
 .86 (-) PLEASANTON LL KA6LSL

KERN:

220.50 (IN 221.70) FRAZIER PK W6TLG
 224.06 (-) BAKERSFIELD WB6UGZ
 .22 (-) BIRD SPG PASS WA6UYW
 .32 (-) INYOKERN WA6KYZ
 .64 (-) LAKE ISABELLA WB6RHQ
 .84 (-) BAKERSFIELD W6PVG

MARIN:

223.70 (-) BEACON HILL WA6EUZ
 223.78 (-) MT. TAMALPIAS K7IJ
 224.30 (-) NOVATO WD6EZC
 .88 (-) STINSON BEACH LL K7IJ

MENDOCINO:

224.24 (-) WILLITS WA6KLK

MONO:

224.14 (-) JUNE LAKE WA6TYU

MONTEREY:

223.92 (-) KINGS CITY KA6AZI
 224.18 (-) KINGS CITY KA6AZI
 .24 (-) MONTEREY N6AHW

NAPA:

224.08 (-) NAPA PL K7IJ

.88 (-) BERKELEY LL PL KA6NDP

SANTA CLARA: (SAN JOSE AREA)

223.72 (-) SAN JOSE LL KU6U
 .76 (-) SAN JOSE WA2JDO
 .86 (-) SAN JOSE WA0ZLR
 .90 (-) FREMONT W6SKM
 .96 (-) SAN JOSE W6PIY
 224.00 (-) SAN JOSE KB6XN
 .06 (-) MILBRAE WA6MNO
 .08 (-) SAN JOSE W6VML
 .10 (-) SAN JOSE WA2IBM
 .12 (-) LOS ALTOS K6YQV
 .14 (-) E. SAN JOSE WB6KHP
 .16 (-) LOS GATOS N6IUX
 .20 (-) SAN JOSE WB6FIV
 .26 (-) SAN JOSE WB6OQS
 .28 (-) SAN JOSE WA6GFY
 .34 (-) MILPITAS LL W6TUU
 .36 (-) MT. VIEW W6ASH
 .40 (-) SUNNYVALE WB7DEW
 .46 (-) SARATOGA PL WD6BYH
 .54 (-) FREMONT WB6PHE
 .60 (-) SAN JOSE K6GZK
 .62 (-) SAN JOSE K6GZK
 .64 (-) SAN JOSE K6GZK
 .68 (-) CUPERTINO WA6AXX
 .74 (-) N6KLD
 .78 (-) WB6NWD
 .90 (-) SAN JOSE WA6EQS
 .94 (-) LOS ALTOS WA6YCZ
 .98 (-) SAN JOSE KU6U

This list was compiled by WA6ZLO in January, 1987

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

SANTA CRUZ:

223.88 (-) SANTA CRUZ K6IFT
 224.04 (-) SANTA CRUZ WB6IHQ
 .22 (-) CAPITOLA NW6Q
 .80 (-) SANTA CRUZ NU6P

SONOMA:

224.30 (-) SANTA ROSA WD6EYC
 224.96 (-) SEBASTOPOL W6DTV

SOLANO:

223.94 (-) MT. VACA WA6UGY
 224.02 (-) VALLEJO WB6WLD
 .08 (-) MT. VACA N6ATH
 .38 (-) FAIRFIELD K6USW
 .48 (-) VALLEJO WA6YXV

SAN MATEO:

224.06 (-) NEWARK WA6MNO
 .22 (-) PACIFICA KA6EYH

SAN JOAQUIN:

224.62 (-) STOCKTON WA6TCB
 .66 (-) STOCKTON WA6SEK

TULARE:

223.74 (-) VISALIA WA6ZKY

SHASTA:

224.14 (-) REDDING K6ICZ

TUOLUMNE:

224.04 (-) FOWLER PEAK W6FGC
 .36 (-) SUGAR PINE WA6NSK

STANISLAUS:

223.68 (-) MODESTO WD6EJF

YOLO:

223.92 (-) WOODLAND WB6VHK

220.00 - 220.05 EME (Earth-Moon-Earth)
 220.05 - 220.06 Propagation beacons
 220.06 - 220.10 Weak signal CW
 220.10 Calling frequency
 220.10 - 220.50 Weak signals- Rag chewing
 220.50 - 221.90 Experimental & control links
 221.90 - 222.00 Weak signal guard band
 222.00 - 222.05 EME
 222.05 - 222.06 Propagation beacons
 222.06 - 222.10 Weak-signal CW Calling freq.
 222.10 - 222.30 General operation CW-SSB
 222.34 - 223.38 Repeater inputs
 222.34 - 223.90 Simplex & repeater outputs
 223.94 - 224.98 Repeater outputs



12-7-86

Dear SARA members;

Merry Christmas to all SARA members and the very best for the New Year.

I do not have antennas on the low bands yet. When it comes time to put them up it is either windy or too much rain. I like this town very much. About 12,000 population. My son was elected Mayor in the November election.

There are lots of people on 2 meters here. Enclosed is my check for membership renewal.

Best 73,

/s/ Oakie Clark, K6SJV
Forest Grove, Oregon

THIS & THAT

>>> A new global shortwave radio station is due on the air this year. NDXE (In Dixie) will operate with 3 million watts 24 hours a day from new studios built in a cotton field in Opelika, Alabama. A 60 second spot during their hourly newscast will cost \$7,218. Satellite dissemination to certain areas of the world will enhance the coverage of the station.

>>> Big bucks are being awarded by the FCC to Florida AM broadcast radio stations to compensate them for improvements made to battle Cuban interference. Cuba stepped up its jamming when the Reagan administration's Radio Marti went on the air. One station was awarded \$714,000 alone.

>>> Multimedia Cablevision, Stillwater, OK was fined \$6,000 and Total Television, Amarillo, TX, was fined \$4,000 for cable leakage violations. Both system operators had been warned to clean up their leakage and failed to do so.

THE AMERICAN RADIO RELAY LEAGUE, INC.

SECTION MANAGER

SAN JOAQUIN VALLEY

Charles P. McConnell W6DPD

Michael T. N. Fitch has been named Chief of the Private Radio Bureau. Fitch has degrees in electrical engineering and law. He has been with the FCC since 1970. Ralph Haller, N4RH, has been appointed Deputy Chief of the Private Radio Bureau. He has been with the FCC since 1971. The Private Radio Bureau oversees 34 private radio services including Amateur Radio. (ARRL Letter V5 N24). There is a private company sending official looking papers to Amateurs offering assistance with license renewals. The private company charges \$50 for their services. The literature sent is NOT from the FCC. There is no fee for license renewal. The 610 forms are available free of charge from any FCC Field Office or ARRL headquarters on receipt of an SASE. (ARRL Letter V5 N24). Starting January 1, 1987, the VHF/UHF Century Club (VUCC) has been expanded to include 24 and 47 GHz. A minimum of 5 grid squares is needed to qualify for the award. Contacts from January 1, 1983, may be used for award credit. To ensure fair assignment of the initial numbers, applications received between January 1 and January 15, 1987, will be held with certificate numbers determined by the date and UTC time of the 5th contact. The first 5 qualifiers for the award for each band will receive a walnut plaque. (ARRL Letter V5 N24). Information for the 1987-88 edition of the ARRL Repeater Directory will come from Frequency Coordinators. In order to make sure your listing is correct, the repeater owner should make sure the information the frequency coordinator has is correct. The 1986-87 Repeater Directory has a list of Frequency Coordinators. (ARRL Letter V5 N23). The Capitol Hill Amateur Radio Society will operate W3USS to commemorate the 100th convening of Congress with a special events station. The station will operate continuously from Saturday January 3, 1400 UTC through Sunday January 4, at 2300 UTC. Look for W3USS on SSB on 3825, 7220, 14240 and 21300. On CW look for them 30 KHz above the bottom of the 80 through 15 meter bands. (ARRL Letter V5 N23)

R

READOUT is the official publication of the STANISLAUS AMATEUR RADIO ASSOCIATION INC. "SARA" P.O.Box 4601 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 145.01 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.....N6DCV.....823-0877

SECRETARY

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

TREASURER

Bob Vreugdenhil.....N6DCS.....523-0141

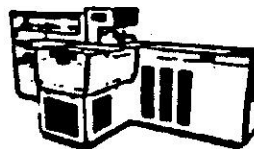
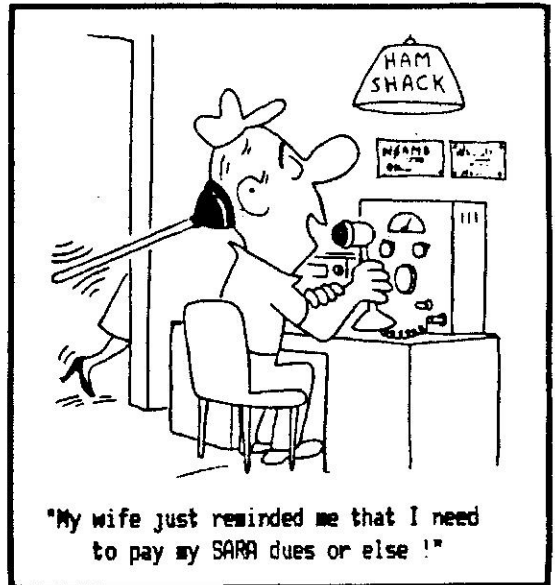
SARA MEETING

JANUARY 20TH

730 PM

PROGRAM- OPEN

RAFFLE- MONEY



BUDGET COPY CENTER

- XEROX COPIES
- HIGH SPEED DUPLICATING
- COLLATING
- BINDING

1325 J. Street
Modesto, CA 95354
(209) 529-5395



Editor's WA6ZLO Notes

Congratulations to the 1987 officers and a big "thank you" to the outgoing 1986 officers for a job well done. We are fortunate to have people of this caliber to make the sacrifice to hold office. With the new officers comes some fresh ideas and food for thought. Let's get behind them and insure that our club continues to grow and prosper. +++ Got a letter from John, N6KKV who says he is looking for a conversion manual for a WWII vintage BC375 transmitter. If anyone has one or knows where he could get one please contact John at 577-3418. +++ By the time you read this, KPLA, Riverbank/San Francisco should be on the air from their transmitting site on Cleveland Rd. outside Oakdale. The new 50 KW (1 kw night) AM station

operates on previous clear channel 770 KHz and plans to program multi lingual and christian programs. +++ Burt, W6FGC, has moved his 224.04 repeater to Fowler Peak in Calaveras County. It will participate in the W6GMFV repeater system which includes the 145.17 and 440.80 repeaters. The MFV repeater is linked to Reno and Northern California. Also, Doug, W6GMVF, is in the process of putting together a digipeater to bear his call and operate from Fowler Peak on 145.05. It may go to .09 later. It should be up shortly. +++ Speaking of digipeaters, the W6ZFN-1 digi on Joaquin Ridge near Coalinga has been moved to 145.01 from 145.03. In addition, ZFN-2 has been put on the air on Little Rock Mtn. near Lancaster. It also is on 145.01. This provide an inland path to the south via the SARA digi (W6GEJF-1) on Mt. Dso. I used this path to work the special events station at Edwards AFB for the flight of the Voyager last month. Little Rock looks at Las Vegas which looks at Utah and Arizona. It's a very good southern route +++ Mac, W6QDL and his wife are finally in Paradise. Not the mythical Paradise (not

yet, thank God!), but the mortal Paradise, CA. east of Chico. They moved into their new home last month just in time to celebrate their 50th wedding anniversary. Congratulations!! +++ Speaking of moving, PLEASE, don't forget to notify us if you change your address. You will not get your newsletter if you don't. The reason being that the post office will not forward bulk mail. If you will notice above the mailing label on the back page are the words "address correction requested". This is the only way we have of knowing that you have moved if you don't tell us. What happens when the newsletter gets to your old address is that the mailman will not deliver it because you have moved and left a forwarding with them. So, they will destroy the newsletter and put a notice in our P.O. Box requiring us to pay 30 cents to get you new address. So, please remember, it's important that you notify us in advance of any change in address. Thank you! +++ This is a little bit late, but, better late than never. Kevin Polhemus, N6-0BN, was incorrectly identified as a student when he joined the club last year.

He is an electrical contractor. Sorry Kevin! +++ Our next SARA license class starts February 28th. If you want to upgrade or you know someone who want's to get a Novice license have them contact Phil, WD0FXX, our Educational Director, at 523-9018. The class runs 15 weeks 2 1/2 hours per day on Saturday mornings at County Center 3. +++ I'm pleased to report that Lynn, KB6DXX is doing just fine on his recuperation from his recent heart attack. That's it for this month. Don't forget to pay your dues and 73. Bob, WA6ZLD.

-LET ME KNOW!-

A little eight year old boy arrived home from school with a note from his teacher. "although Jimmy is quite bright" it read, "he spends far too much time fooling around with the girls. But, I have a plan which will break him of the habit." The child's mother sent a note back to the teacher which read, "let me know how your plan works out. I would like to try it on Jimmy's father."

--de K6SJV

EDUCATIONAL REPORT

(From page 3)

the examiner. After all, during a 5 minute test they only have to copy or interpret one solid minute of CW. Answering the questions is not the only way to pass a CW test. Actually, that's the newest add-on to testing. In order to receive the testing in this fashion, however, you must present to the VE or "Elmer" a doctors certificate stating the extent of the disability. The present class has about 23 active learners. More if you count the instructors who are learning too. The next class will start on February 28, 1987 and run for fifteen weeks with two weeks of interuption for holidays. Please contact me or any of the education staff for pre-registration. There may be a class registration fee. BCNUL!

.de Phil Hartz, W0OFFX,
SARA Educational
Chairman.

NEXT SARA VE EXAM

February 7, 1987 8 am
Modesto, CA.

Pre-Registration:
Contact KI6DC
326 Dana Ave.

Manteca, CA. 95336

LAUGH LINES

A man went into a store and said, "Give me a size 7 1/2 brassiere!" The amazed saleslady said, "size 7 1/2 ?" "What did you measure with?" "With my hat", said the man.

--Confucius says..putting Mrs. in front of a woman's name is like giving a cat his own fish pond.

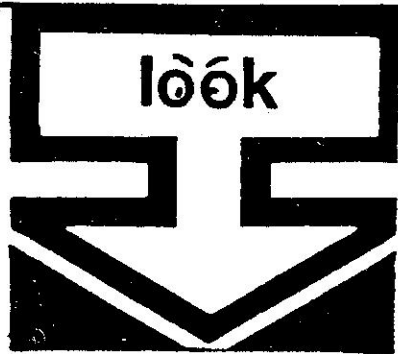
...de Oakie, K6SJV

CW RABBIT CONTEST

(From page 9)

your contacts if they are rabbits. Certificates will be awarded to those receiving 100 or more points. A special certificate will be awarded to the top three scores and to the rabbit making the most contacts. The contest begin at 1200 noon local time on 2-1-86 and ends at midnight on 2-28-86. If you have any questions, please contact me at 523-4727 evenings.

...de, Leroy, NV68.



By examining the mailing label on the back page of each newsletter, you can easily determine if you have paid your dues. The year that appears in the upper right hand corner of the mailing label is the year that your membership is paid through. If it says "1986" you haven't paid your dues and this may be the last edition of the newsletter that you will get. Send your check or money order to SARA in care of the post office box.

(Example)

Joe Smith **1986**
1234 Easy St.
Modesto, CA.
95355

MEMBERSHIP APPLICATION

Cut

and detach

Date _____

Call _____

MEMBER OF APRIL? _____

Home Phone _____

Bus. Phone _____

Date of Birth _____

Year First Licensed _____

FOR OFFICIAL USE ONLY:

Entered Roster ()

Membership year (19)

Entered Mail List ()

Welcome/Autopatch letter sent: ()

Name _____

Address _____

City _____

Zip _____

Bus. Address _____

Occupation _____

Class of License _____

Treasurer ()

Entered Mail List ()

CALENDAR

| | | | | |
|-------|-----|---------|----------------------|-----------|
| Jan. | 20, | 1987... | SARA Monthly Meeting | 730 p. m. |
| Feb. | 7, | 1987... | SARA VE Examinations | 800 a. m. |
| Feb. | 17, | 1987... | SARA Monthly Meeting | 730 p. m. |
| Feb. | 28, | 1987... | SARA license classes | begin. |
| Mar. | 17, | 1987... | SARA Monthly Meeting | 730 p. m. |
| April | 21, | 1987... | SARA Monthly Meeting | 730 p. m. |
| May | 19, | 1987... | SARA Monthly Meeting | 730 p. m. |
| June | 16, | 1987... | SARA Monthly Meeting | 730 p. m. |
| July | 21, | 1987... | SARA Monthly Meeting | 730 p. m. |
| Aug. | 18, | 1987... | SARA Monthly Meeting | 730 p. m. |
| Sept. | 15, | 1987... | SARA Monthly Meeting | 730 p. m. |
| Oct. | 20, | 1987... | SARA Monthly Meeting | 730 p. m. |
| 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

BULK.RT.

U.S. Postage
PAID

Permit No. 5
Modesto, Calif.

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