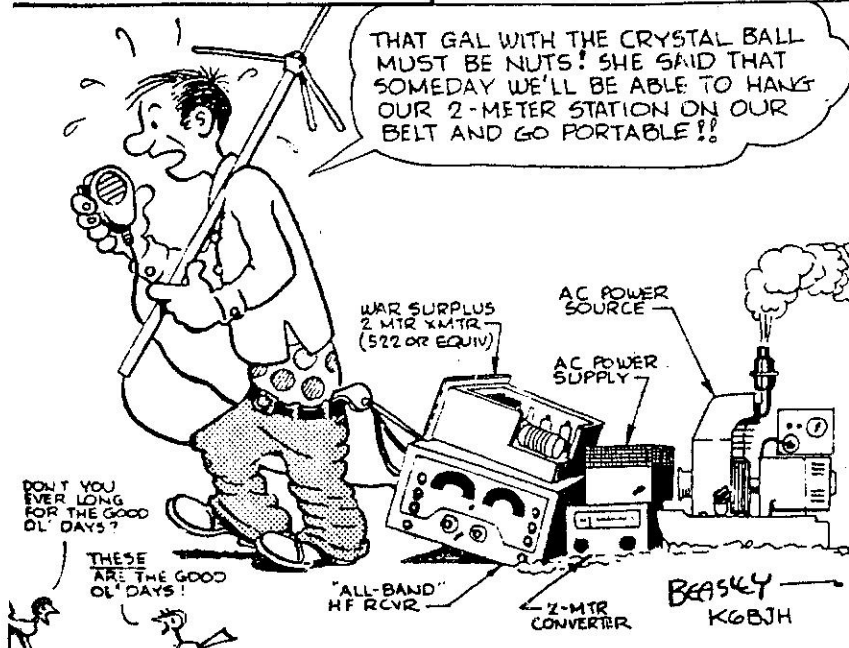


The READOUT

VOLUME 10 NUMBER 9 SEPTEMBER 1987

Yesteryears

1947 JOE SCHLUMPF GETS A BRIEF GLIMPSE AT THE FUTURE



WORLORADIO, September 1987

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

W601N JACK

VON

358 1188

READOUT

HAPPENINGS

READOUT is the official publication of the Stanislaus Amateur Radio Association Inc. "SARA" P.O. Box 4601, Modesto, CA. 95352. Entered as third class 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, WA6ZLO 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 operated on 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 3,500 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 corner of 12th and H streets in downtown Modesto. Meetings begin at 730 pm. SARA is incorporated in the State of California, is an affiliated club of the American Radio Relay League (ARRL) and Stanislaus County RADES. Dues are \$15.00 per annum and \$7.50 for students up to sophomores in college. Dues are pro-rated for newly joining members from the date they join. ARRL memberships and QST renewals may be made through the club with a \$2.00 commission retained by SARA.

PRESIDENT

Denny Dugal.....WB6P.....571-9046

VICE PRESIDENT

Bud Pelletier.....N6DCV.....823-0877

SECRETARY

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

TREASURER

Bob Vreugdenhil.....N6DCS.....522-6127

Next SARA Meeting

FRED SCHUMACHER

KB6LQD

ASTRONOMY

730 pm

BUDGET COPY CENTER

1325 J STREET
MODESTO, CA 95354
TELEPHONE 529-5395

10TH ANNUAL SARA DINNER-DANCE OCT. 3RD AT OASIS RESTAURANT

The 10th annual SARA Dinner-Dance will be held Saturday October 3, 1987 at the Oasis Restaurant in Modesto. This is the club's social event of the year and we hope you are making plans to attend. A sit down dinner will be served with your choice of steak or chicken at 7:30 pm. The no host social hour begins at 6:30 pm. This years dance music will be provided live by the Skyline Band.

The tickets are the same price as last year, \$15 per person, \$30 per couple and can be obtained from Lori, N6JTD, at 521-7834 evenings or leave a message on her answering machine. Please make your reservations as soon as possible so that the committee can make the final plans for the event. This is the first time that we have had the event at the Oasis Restaurant which has a well deserved reputation as a fine restaurant. The large banquet room has been reserved for the evening.

To reach the Oasis go north 5 miles on McHenry Ave to Kiernan Ave and you're there. If you are coming from Manteca or points north of Modesto, go south on Hwy 99 to Salida and take the off ramp at Salida which is Kiernan Ave. Then east on Kiernan Ave. about 8 miles to the restaurant. Remember, as with all SARA events, all members and their guests are most welcome. See you there!

AUTOMATED POWER READING WREAKING HAVOC WITH TEXAS AMATEUR

John Kelly, KB6AWC, of the Dallas suburb of Carrollton, has a most unusual predicament. His home is part of a Texas Utilities Electric Company test to take automated power meter readings by remote control. The electric wiring in his home is energized with a 12.5 KHz carrier and using this as a conduit, the power company downloads his meter readings. The dilemma is that 12.5 KHz is an audio frequency that is wreaking havoc with John's home life! The tone cycles on for one second and off for four. He says it sounds like a telephone faintly ringing.

On The Agenda.

(July 21, 1987 Meeting)

The July 21, 1987 meeting of SARA was called to order at 7:30 pm by VP, Bud, N6OCV. 39 members and guests present. The minutes of the June meeting were read and approved. The treasurers report was given by N6OCS. Starting balance \$1,611.63. Expenses included \$26.56 to NV6S for a new battery for the 220 machine. \$11.99 for WA6ZLO for supplies for the newsletter. \$52.00 to WorldRadio for yearly ad. \$35.75 to Pac Bell for the autopatch and long distance call. \$48.18 to Budget Copy for printing the READOUT. \$50.00 to the Bureau of Reclamation for yearly building rent on Mt. Oso for the 220 machine. Ending balance of \$1,440.40. N6OCS reported on the Alpine DXPedition. Several sights have been explored by N6OCS and WB6SHE but no definite sight has been selected. No one present at the meeting to give a report on the October dinner-dance. Phil, WD0FFX, reported on progress of the

education committee. 26 people are in the class. Two have already passed their Novice tests. Tests for new licenses and upgrades will be given on August 15 at the SARA VE Exam session in Modesto. Phil also announced the fall class will start the end of September but no definite date has been set. It will probably be on Saturday mornings. On new/old business, WA6OHP reported on the two meter interference problem. He has talked to Eric, KB6WF, who is the present engineer for the offending system, and feels sure that the paging company is working with the manufacturer of their equipment to see if there is a possible answer for the problem. DHP has requested that no one call the paging company except our interference committee, Jack, W6DIN or Leroy, NV6S. Bob N6OCS, reported that the club had gift certificates for WorldRadio magazine available to members for \$7.00 each. Break at 8:15 pm. Following the break, Phil, FFX,

introduced the members of the of the current SARA license class who were present. The raffle of \$9.00 was won by Lynn, KB6DXX who immediately presented the club with the money instead of inviting us to coffee. Dann Butterfield's presentation of the car theft and repossession business drew a great deal of interest from those present. The meeting was adjourned at 924 pm by N6OCV. Respectfully submitted by LaVerne, KB6ECF, SARA Secretary.

(August 18, 1987 Meeting)

The August 18, 1987 meeting of SARA was called to order by Bud, N6OCV at 745 pm. Introductions of 36 members and guest followed. The minutes of the previous meeting were read and approved. President Denny, WG6P arrived at 752 pm and took over the meeting. The treasurers report was given by N6OCS. Starting balance \$1,440.40. Deposits \$76.00. Phone bill \$21.63. Bank service charges \$7.64. Ending balance of \$1,487.13. The treasurers report was approved. WG6P reported on the liability insurance issue and the absolute need for insurance before we can go to the Alpine County DXPedition as a club. Lori, N6JTD, reported her insurance contact quoted her a price of

\$900 per year. WD0FFX's quote from his contact was \$2500 per year. Recommendation was made that all who go could sign a wavier and disclaimer should something happen. NV6S reported that as trustee of the club, he would agree with the club going as a group and a club with all participants signing the wavier/disclaimer. FFX motioned that we do this which was seconded and approved. Larry, WD6CMI, suggested we write a letter to the ARRL requesting insurance information. WG6P requested the FFX go to the stationers and pickup the waiver forms. WG6P speaking for WA6ZLO, READOUT Editor, requested the club approve a request from ZLO that the club purchase a new print head for his printer replacing the head that has worn out. This request made because all of the work done on the printer is club business. Motion made, seconded and approved. Cost is \$140.00. FFX reported 18 out of 26 students passed tests in the current SARA license class. 14 upgraded and 4 for accreditation. N6JTD is looking for contributions for door prizes, raffles etc. for the dinner-

....See Page 11....

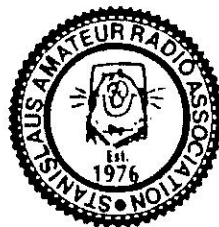
AMATEUR CALL SIGNS ISSUED

As of August 1, 1987, the following Amateur Calls were issued by the FCC's computer in Gettysburg, Pa. The calls are issued in sequential order.

EXTRAS- AA6DR
ADVANCED- KI6WH
GEN-TECH- N6PZU
NOVICE- KB6TNE

All 2-by-1 calls in the 6th district have been assigned. AA and AL prefixes are now being assigned to Extra Class Amateurs. Statistics for July indicate that there were 870 first time Amateurs licensed. 1,224 new Novices. Total number of upgrades in July were 1,888. There are now 428,854 licensed Amateurs in the U.S.

**VE Test
Sponsored by**



DECEMBER 5, 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**

RULES REGARDING USE OF ELECTRONIC DEVICES ON AIRLINERS

Operation of Amateur radio equipment aboard commercial aircraft is prohibited by FAA regulation section 91.19. Due to many recent technology advances since the current rules were written, an aviation safety advisory group headquartered in Washington, has proposed some revisions to the statute. Specific devices which are, or will be, prohibited on board are any radio transmitting device which intentionally radiates, such as CB radios, cellular radios

...See page 15...

ON THE AGENDA

(Continued from page 5)

dance. Break for refreshments at 843 pm. Eric, the engineer for the paging system interfering with our two meter machine reported that he had received a call from the FCC Livermore monitoring station concerning the interference problem. He is investigating to see if the problem is theirs. They would like to have the club share half the cost of a cavity that should help eliminated the interference. WG6P brought up the problem involving the linking of the 220 and 2 meter machines simultaneously. NV6S recommended a committee be appointed to look into the operating procedures and report back with recommendations. NV6S, N6LSA, WD0FFX, N6EKV, N6KMR and WA60QF will serve on the committee. FFX reported the new SARA license class will start on September 19th for new licenses and upgrades. Meeting adjourned at 955 pm. Respectfully submitted by SARA Secretary, LaVerne, KB6ECF.



HOW IN THE HELL DO YOU
THINK MY DAY WENT?

SUNSPOT CYCLE 22 IMPROVING

Better DX propagation days are coming, at least that is the prediction of those folks in the know. Consensus seems to be that Sunspot Cycle 22 is now definitely with us and conditions will steadily improve leading to solar maximum scheduled in 1991. The best propagation years will be 1990 through 1992.



Editor's WA6ZLO Notes

Welcome to several new members of SARA who are all graduates of the recent SARA license class. The following are all new Novices. Rick Collins, Cheri Loveland, Judy Overcash, Dann Butterfield, Tom Margrave and Luverne Donker all of Modesto. Also Ken Mendenhall of Ceres. All are awaiting their calls. Congratulations!! There were 26 applicants at the SARA sponsored VE exam held in Modesto on August 15th, 1987. 18 passed or upgraded. 12 of the successful applicants were graduates of the SARA license class. That's better than 70%! Congratulations to all the instructors and students who worked so hard for this success. There were 8 new Technicians, 2 Generals, 2 Advanced and 1 Extra. Charles Lettin and

Charles Franklin upgraded to Generals Shirley Armentrout, Cathy Longwell, Sonja Watson and John McGaughey upgraded to Technicians and Dottie Duncan, N6LRZ, upgraded to Advanced. The examiners were W6XK, K6RAU, KA6FTA, WB6V, NV6S, WJ60, KI6PR, N6LRZ and WD0FFX. Our next VE exam in Modesto will be December 5th at County Center 3. Four SARA members have moved out of the area. Carl, NI6Z, has moved to Groveland. Cliff Crawford, KB6NMC, has moved to Soulsbyville and Jerry and Flo Nichols, KL7GHT/GHV have moved to Concord. Jerry has taken an engineering position with Channel 42. Good luck to all and keep in touch. +++ Everybody is getting into the upgrade act...congratulations to Marge Lowe, KB6DXM, who upgraded to General in the Bay Area last month. +++ The next SARA license class will be starting on September 19, 1987. If you, or someone you know, would like to take the class contact Education Director Phil, WD0FFX at 523-9018. Novice through Advanced class we be covered. +++ I received a nice letter in the mail from Ernie (K6UVI) and Rita Rader. They wanted me to pass on their appreciation to all those who attended their wedding in May and all those members who

wished them well. +++ The City of Modesto is planning a disaster exercise on September 23, 1987 at the Modesto City-County Airport. Amateurs will be asked to participate and assist in staffing communication command stations. If you can assist, contact Stanislaus County ED Allen Woods, WA6DYF at 575-3634 evenings. +++ Look for a wrap-up story next month on the Alpine DXpedition.

Dick Smith Electronics from Australia has reportedly gone out of business in the U.S. In this area their store was located in Redwood City. +++ The 147.255 Mt. Bullion repeater is back on the air. The new call sign is WA6PIC and is carrier accessible. +++ Remember the next SARA license class begin September 19th at County Center 3 in Modesto. If you would like to enroll or need more information contact Phil, WD0FFX, at 523-9018. +++ A bunch of photographs were taken of the Alpine DXpedition activities which will appear in next months READOUT. +++ From time to time we hear that one or more of our newsletters didn't get to their destinations. There are many possibilities as to why, but, in any event we don't want to let it happen repeatedly. So, PLEASE, if you have'nt

received your READOUT by the third Tuesday of each month, please call me (WA6ZLO) at 523-5880 or drop me a line at my home address. If we don't know about it we can't correct the problem. Usually it's an incorrect address or ZIP code. Also, please remember that if you move or change address, you must notify us as soon as possible. The post office will not forward 3rd class mail. It will be returned to the club's post office box and it will cost the club 49 cents to get your new address. That's it for this month. 73 Bob. WA6ZLO

FLYING PACKET MAILBOX UP

The Japanese Fuji OSCAR 12 Flying Mailbox is up and running. Hundreds of international packet satellite messages have been posted and received. The BBS software was loaded by JAMAT technicians last June. AMSAT advises that the number of messages is limited to 50. If you write more than 50, older messages are overwritten. Your messages can be read by anyone and you can read messages addressed to someone else.

PIRATE STATION OFF THE COAST OF NEW YORK SILENCED

A clandestine "free for rock 'n' roll" station broadcasting from the "Sarah", a rusting Japanese fishing boat, flying a Honduran flag, is now off the airwaves. The station was patterned after the United Kingdom's pirate Radio Caroline and Laser 558. The "Sarah" was anchored some four miles from New York's Jones Beach. It was only a matter of time before someone tested unlicensed broadcasting from international waters off the U.S. coast. It is surprising it took this long. In theory, the FCC has no jurisdiction over radio signals from foreign registered ships beyond the U.S. claimed three mile territorial limit. The station began testing its signals about two weeks ago on four frequencies in the AM, FM and shortwave bands. FCC monitoring stations began hearing the signals as far

away as Michigan during late July. On July 25th the FCC ordered the station to cease operations. The warning was ignored. The end came on July 28th when a Coast Guard cutter came along side, boarded the vessel and arrested the stations engineer and a disc jockey. Officials met with no resistance. The pirate broadcasters were arraigned in U.S. District Court and released. Those involved with the operation of the station called the boarding illegal and charged that the FCC has no power of arrest. They said they would not give up the fight. The operation was of a magnitude of at least \$100,000 invested which led authorities to speculate that the operation was financed by outsiders experienced in pirate broadcasting.

...de WSYI Report

CHICAGO POLICE FREQUENCIES JAMMER ARRESTED

The FCC has identified Joseph L. Frankowsky, KA9SKZ, as the source of interference to the Orlando Park, Illinois Police Department. Frankowsky had illegally programmed an Amateur transceiver to operate on the police departments frequencies. He impersonated an officer, harassed police with profanity and made false fire alarm calls. Frankowsky was fined \$2,000 and faces revocation of his Amateur license.

...de WSYI Report

NEW AMATEUR VIDEO PREMIERE

ELECTRONIC DEVICES RULES

...From page 6...

For those of you with backyard satellite TV dishes, the World premiere of the new videotape, The New World of Amateur Radio, will be September 20th at 3 pm PDT. The one-hour program will be uplinked on GTE Spacenet 1, Transponder 12H which is channel 23 on most satellite receivers. Audio will be in stereo/compatible monaural with subcarriers listed on-screen just prior to the start of the show. The 38 minute program includes a 10 minute introduction with the mail presentation lasting 28 1/2 minutes. It's a fast-paced TV magazine type format portraying Amateur Radio. The ARRL, the national society of US radio Amateurs, produced the videotape in cooperation with three equipment manufacturers, ICOM, Yaesu and Kenwood. It was put together under the guiding hand of Roy Neal, K6DUE, formerly of NBC TV. If you don't tape it off the air, you may purchase a copy of the program for \$20.00 from the ARRL. Write the ARRL at Box NW, 225 Main Street, Newington, Ct. 06111.

....de ARRL

and transmitters which remotely control devices such as toys. This would not apply to hearing aids, heart pacers, electronic watches and properly certificated operator equipment such as operator provided passenger telephone equipment. Non-transmitting portable electronic devices may be used when the seat belt sign is off, provided that the operator of the aircraft has determined that the device will not interfere with the aircrafts electronic equipment. Devices that may be used if demonstrated acceptable include but are not limited to audio or video recorders or playback units. Electronic entertainment devices; computers; calculators; FM receivers, TV receivers and shavers.

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NEXTMONTHNEXTMONTHNEXT
Photo's and story on
the Alpine County DX-
Pediton in August.
.....

CALENDAR

- Sept. 15, 1987.....SARA Monthly Meeting.....730 pm
Program-Fred Schumacher, KB6LQD
Astromomy.
- Sept. 19, 1987.....VE Test Merced College....900 am
- Oct. 3, 1987.....10th Annual SARA Dinner-Dance
Oasis Restaurant Modesto 630 pm
- Oct. 20, 1987.....SARA Monthly Meeting.....730 pm
- Nov. 17, 1987.....SARA Monthly Meeting.....730 pm
Nomination of 1988 officers.
- Nov. 21, 1987.....VE Test Columbia College..900 am
- Dec. 5, 1987.....SARA VE Test Co. Ctr. 3...900 am
- Dec. 15, 1987.....SARA Monthly Meeting.....730 pm
Election of 1988 officers.
- Jan. 19, 1988.....SARA Monthly Meeting.....730 pm

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.

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