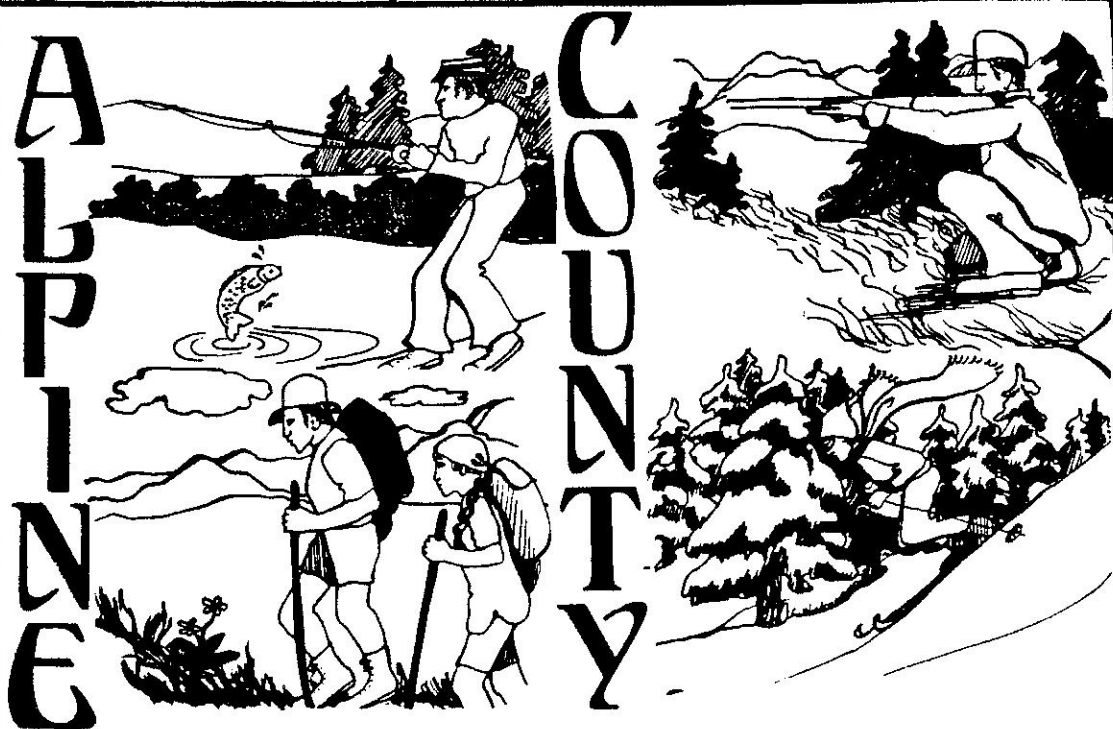


- The - READOUT

Vol. 10 No. 2 Feb. 1987



DXpedition Aug 22 & 23

.. Details on
Page 16 ..

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

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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. Dso 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. Dso 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. Dso at 3500 feet. Frequency is 145.01 MHz. SARA conducts in 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.....N66P.....571-9046

VICE PRESIDENT

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

SECRETARY

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

TREASURER

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

SARA MEETING

February 17, 1987

730 pm

Program- Open

Raffle-Money

SEE YOU THERE!

AUTOPATCH ID REMINDER

SARA autopatch users are reminded to identify themselves before bringing up the autopatch. Control stations have noted several violations of the policy. So, remember to identify yourself at the beginning and the end, just like the FCC require.

**BUDGET
COPY CENTER**

1325 J STREET
MODESTO, CA 95354
TELEPHONE 529-5395



... SUDDENLY !

I would like to relate an unusual experience that I had recently while on a three day scuba diving trip to the California Channel Islands. I recently renewed a love for scuba diving and was on the dive boat "Vision" which operates out of the marina at Santa Barbara. We had been diving for two days off San Nicholas Island and doing rather well with lobster and spear fishing. The weather turned bad toward the end of the second day and the Captain decided to move to the leeward side of nearby Santa Cruz Island. We were on the last dive of the third day and my dive buddy and I were returning to the boat after a successful hunt with two lobsters, two abalones and two nice size fish I had

speared. We had placed all the fish in a "goody bag" which was secured to my weight belt. It hung perhaps 3 feet below me. Suddenly, I felt a tremendous jerk on my belt and I was dragged sideways for perhaps twenty feet or so. We had seen quite a number of playful seals in the area, so, I thought that one of them had collided with me. As I righted myself in the water and looked around, I came face to face with not a seal, but, a six foot blue **SHARK !!!** I wasn't quite sure what to do at this point. I had a loaded spear gun, but I thought that if I shot him and did not kill him, I was either dead meat or I would get towed to Baja at the other end of my speargun. Common sense told me to let him make the next move. I then saw a green mesh hanging from his mouth and I immediately recognized part of my game bag. I proceeded post haste with my dive buddy to a safe position. When the shark was done, he simply swam off in search no doubt of other goodies. As we made it back to the boat other divers had seen the event and the reports given to the Captain indicated

.. See "SUDDENLY Page 17!



Editor's WA6ZLO Notes

Membership renewals are coming in slowly, but surely. If you have forgotten to pay your 1987 dues, then you received this copy of READOUT, compliments of SARA. Please, if you haven't paid yet, clip out the membership form on the inside back page and send it along with your check to the post office box. +++ A warm welcome to five new members of SARA. Steve Cosentino, WA6-KTK of Manteca. Steve is a Captain with the Manteca City Fire Dept. and holds a Technician class license first licensed in 1974. Kenneth Pinnon, WD6E00, is retired and holds a General Class license, first licensed in 1967. John W. Gee, KA7AFZ, of Ceres. John holds a General Class license and was first licensed in 1976. He is a mechanic for Valley Fork Lift in Modesto. Tom Duncan, KB6NDV,

from Manteca. Tom is 10 years old and holds a Novice class license. He is the youngest member of the Duncan family of hams. Another member of the Duncan family and new SARA member is Linnea, KB6KNX. Linnea is 18. Welcome to all! Speaking of the Duncan family of hams, they may set some kind of record soon. There are presently 5 members of the family who are hams, and two more are studying for their licenses. Look for a story and pictures on the Duncans in a future issue of READOUT. +++ Belated best wishes to Shorty, K9YBM, who was in the hospital this past summer with heart problems. He's recuperating at home. +++ The 146.115 Sonora Pass repeater has been moved to W6FBC's (Burt) home in Twain Harte due to technical problems. The machine likes Burt's place and has settled down. +++ The new 50 KW Riverbank/San Francisco AM radio station, KPLA, 770 KHz, has been delayed in getting on the air. Their new target date is sometime this month. +++ On November 11, 1986 KQVR and KXTV, channels 13 and 10 in Sacramento, began transmitting from their new 2,000 foot tower located near Walnut Grove, CA. The new tower is 500 feet higher than the old

tower and is located about 1/2 mile south. The new site transmits a circular polarized signal with 316 KW ERP in both the horizontal and vertical planes using a transmitter power output of 80,000 watts. The use of parallel redundant transmitters and a 650 KW diesel generator at the new site, in addition to a fully equipped and operational old site (1500 foot tower), will result in little or no loss of service. This latest "monster tower" joins two other 2,000 footers already in service at Walnut Grove. +++The laugh of the month was heard on the SARA 2 meter repeater last month. It came in the form of an autopatch call that was answered by an answering machine at the home of Gordon, W6AFR. The message went something like this.... "Hello. My wife is having coffee and I'm out swatting flies. At the tone etc." +++ On the subject of Packet Radio, there is a relatively new mailbox located in Livermore on 145.07. W6-YHJ-1. It's a good one and can be accessed direct from Modesto. If anyone is looking for an inexpensive portable packet terminal, contact your Sears catalog center and order the Sears model 600 electronic typewriter. This is a clone of

the Brothers EP-44, which has an RS-232 interface. It is on sale now for only \$99. The W6AMT digipeater at San Jose is now connected to an earth station that uplinks to a satellite. The downlink is in Gaithersburg, Maryland. Any packeteer can work the system by connecting directly to W6AMT. You can use the SARA digi, W6-EJF-1 to reach W6AMT. +++ I understand that Jerry, KL7-GHT was accosted by a mean and wild Indian on Blue Ridge mountain near Visalia late last month. Jerry and a couple of other engineers were confronted by the possessive Indian who didn't like them on his land. That's all I know now, maybe we can get Jerry to do a story for us. +++ There are some new driving laws on the books in California that you might want to take note of. It's now an infraction for anyone 18 years old or less to operate a vehicle with a blood alcohol of .05 percent. If you are convicted of drunk driving with serious bodily injury and the offense is committed within 5 years of a previous serious drunk driving conviction, your car can be con-

.....See next page!

EDITOR'S NOTES

(From page 5)

fiscated. The courts now have the authority to order persons convicted of drunk driving to have their vehicles equipped with special interlock devices, as a condition of probation. The instrument checks the drivers breath and prevents the vehicle from being started if it detects measurable amounts of alcohol in the blood. The CHP has been authorized to use unmarked (almost) vehicles. The vehicles will still bear a CHP insignia on the doors and be driven by a uniform officer. But thats it. They will be painted different colors. The pilot program is aimed primarily at speeding trucks. You may now plead not guilty in writing to a parking ticket. Until now, the privilege of writing instead of appearing in person was a local option. +++ If you are looking for a real good road atlas let me recommend the 1986 edition produced by the California State Automobile Association. It contains 144 pages of maps for the USA, Canada and Mexico. Cost is just \$4.00 for members and \$5.95 for non members at your nearest AAA office. 73, Bob, WA6ZLO.

MARCH MEETING

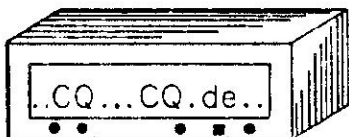
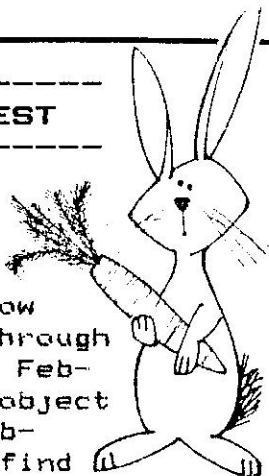
The March meeting of SARA will be held at the Acapulco Restaurant on McHenry just South of Orangeburg. This will be a dinner optional meeting which means that you can come early and have dinner (dutch treat) or just for the meeting itself at 7:30 pm. The meeting will be held in the banquet room. This is the first time the club has held its monthly meeting at a restaurant since 1976. Try to make it for dinner or a least a drink to help reimburse the restaurant for its hospitality.

AMATUER RADIO CALLS

As of January 1, 1987 the following calls had been issued by the FCC in the sixth call district. Extra-WZ6Z. Advanced- KI6NX. General-Tech- N6OPU. Novice-KB6POK. The 2 x 1 Extra calls are now all gone. The FCC is now issuing 2 x 2 calls from the AA and AK prefix block. The fourth district has also exhausted the 2 x 1's and the fifth only has 165 2 x 1's left.

CW CONTEST

The latest SARA CW "Rabbit" contest is underway now and runs through the end of February. The object of the "rabbit" is to find the rabbit, or rabbits, and make contact with them for points. The rabbits are designated SARA members who were chosen to act as rabbits. There may be one or more rabbits operating at any given time on any Novice frequency. The rabbit will not identify him or herself as a rabbit, you must ask during your CW contact with them. Rabbits may change frequencies at will. Suggested frequencies, plus or minus QRM, are 3.739, 7.139, 21.139 and 28.139. If you have any questions about the contest contact LeRoy, NV6S, at 523-4727.



FOUR VE'S DISACREDITED

The ARRL/VEC has disaccredited four of its Volunteer Examiners owing to apparent testing "irregularities" at two sessions conducted by the four VEs. Although only three accredited VEs are needed to conduct a test session, this VE Team used one VE to serve as "liaison" between the ARRL/VEC office and the team who was directly responsible for the security of the test materials. The other three VEs administered the exams. The problems surfaced when VEC staffers noted that some exam papers had not been returned by the VE team as required. Because of this and other irregularities, code and written exams administered to 50 candidates at the sessions held by the four VEs have been voided and the Certificates of Successful Completion issued to the candidates at the sessions were recalled. At the request of the FCC's Personal Radio Branch, the ARRL/VEC has submitted to the PRB copies of all the paperwork involving the sessions for review and possible further action.

EXTENDED RANGE FM STEREO IS ON THE WAY

A new FM radio broadcast noise suppressing technique developed by the CBS Technology Center in Stamford, Connecticut, improves sound quality and has the side benefit of tripling the station's area of coverage! It's called, FMX- for Extended Range FM. The FCC chose Zenith's technology back when FM stereo was introduced rather than the superior audio quality of the Crosby system since the latter method was not compatible with the mono-only FM receivers then in use. Under the Zenith method, sounds quieter than the noise level are amplified so that they can be heard. High pitched sounds are heard through "pre-emphasis", equivalent to turning up the treble control. The result is subtle distortion. The transmitted music is robbed of its intricate dynamics and high frequency overtones, sounds that are available in today's wide range, vivid recordings, particularly digitized CD's

(compact discs). The big advantage of FMX is that it is fully compatible with the nation's 100-million FM radios. "Noise" is drastically reduced, in radio receivers equipped to take advantage of the encoded FMX. Several FM broadcasters are experimenting with FMX and as many as 100 stations could begin FMX broadcasting this year after installing the \$5,000 FMX stereo generator. It will take a while, however, for consumers to receive FMX. Receiver manufacturers are awaiting the availability of an FMX decoder on a single microchip but Japanese makers are already tooling up. There is at least one disadvantage. FMX permits reception further from the transmitter and multipath interference (bouncing signals that partially cancel each other) is necessarily increased.

....de WSYI Report

The ARRL Section Communications managers report from W6DPD, was not received for publication this month. Ed.



** NEWS RELEASE **

RF CONCEPTS is a NEW company being formed by EVERETT L. GRACEY, WA6CBA and KENNETH E. HOLLADAY, K6HCP, the 2 original co-founders of Mirage Communications.

RF CONCEPTS is a manufacturer of the very latest state of the art all mode solid state VHF and UHF RF power amplifiers. We have in production now 5 models. Temporary spec sheet & pictures enclosed for your review.

MODEL RFC 2-23, 2 W. IN = 30 W. OUT, WITH A GaAs FET RX AMP.
MODEL RFC 2-217, 2 W. IN = 170 W. OUT, WITH A GaAs FET RX AMP.
MODEL RFC 2-117, 10 W. IN = 170 W. OUT, WITH A GaAs FET RX AMP.
MODEL RFC 2-317, 30 W. IN = 170 W. OUT, WITH A GaAs FET RX AMP.
MODEL RFC 2-417, 45 W. IN = 170 W. OUT, WITH A GaAs FET RX AMP.

We will be releasing some very interesting new products soon:

1. A DUAL BAND AMPLIFIER, 144/440 MHz, FOR HT'S AND MOBILE.
2. 220 MHz AMPLIFIERS FOR HT AND MOBILE.
3. 440 MHz AMPLIFIERS FOR HT AND MOBILE.
4. A REAL REPEATER AMPLIFIER FOR 144, 220, AND 440 MHz.
5. A VERY AFFORDABLE REPEATER CONTROLLER.
6. SWITCHING POWER SUPPLIES FROM 10 AMP TO 50 AMP.

RF CONCEPTS products will be handled by radio dealers world wide. We are looking for distributors overseas. Please contact the Reno Nevada office for open areas.

SALES:
RF CONCEPTS
P.O. BOX 20009
RENO, NEVADA 89515
702 827 0133
TELEX: 4993999 EGELECTR

FACTORY:
RF CONCEPTS
2140 JEANIE LANE
GILROY, CA 95020
408 847 7373

Looking forward to hearing from you soon and hope to have a long and lasting business relationship.

Best Regards,

Everett L. Gracey
Everett L. Gracey

ELG/dv
encl:

rfconcept

FACTORY: 2140 JEANIE LANE • GILROY, CA 95020 U.S.A. • 408-847-7373
MARKETING: 2000 HUMBOLDT • RENO, NV 89508 U.S.A. • 702-827-0133
TELEX: 4993999 EGELECTR

rfconcept

W5YI REPORT.....

>>> Here's a Shocker! A controversial Electronic Birth Control gadget has been patented by a gynecologist/obstetrician that electrocutes sperm inside the uterus. The device, held in place by spring clips, has been successfully used by baboons. It is now ready for human experiments. A quarter-inch 3.3 volt battery-equipped intra-uterine device, which can be left in place for up to a year, zaps sperm as they approach a woman's cervix!

>>> Tandy Radio Shack is no longer to be considered as being solely in the small business, education and work-at-home personal computer markets. It is predicted that Tandy will take over the corporate micro-computer needs from giant IBM in 1987. Tandy expects to have an outside sales force of 2,000 concentrating on the corporate marketplace within six months. Tandy is now number two behind IBM with 22% of the total market.

>>> Boston public TV station WGBH is now experimentally broadcasting extremely high quality digital radio on its UHF-TV station after it signs off each evening. The experiment makes use of a Sony digital audio processor to convert the audio to a digitized television signal. With the proper decoding setup, the transmission can be heard in stereo. The dynamic range is far superior to present day compression-expansion technology and existing standard stereo FM broadcasts.

>>> Television is 50 years old! We all take it for granted. But, did you know that many countries in the world still don't have it. TV didn't come to South Africa until 1976, Sri Lanka in 1979, Burma and Swaziland in 1980, Mozambique in 1982 ..Nepal in 1984! Papua, New Guinea, just got TV last month.

>>> The U.S. Government owns more Zenith computers than any other kind!

>>> Forget about entering the video store business. Diebold, the firm that makes most ATM's (automatic teller machines) has developed AMM's (automatic movie machines) that automatically dispense video-cassettes. They will be everywhere in 1987. Look for them in office buildings, convenience stores and hospitals just to name a few. Each AMM will hold 374 tapes which can be sold or rented. California will get the first 5,400 machines next month.

>>> The FCC has set April the 2 as the date they will begin collecting radio license fees from Land Mobile users and others. Amateur radio and public broadcast stations are exempt.

>>> Over 40 million VCR's have been sold since 1979 ...13.8 million in the last 12 months alone! 40 % of all TV households have them.

>>> The FCC staff has completed action on the Novice Enhancement matter and the document now takes its place in the line of matters for consideration by the Commissioners. The matter is expected to be approved.

>>> K6DYD, Jerry Gastil (Extra Class) of Point Loma, CA. was fined \$750 for operating a pirate broadcast station on 7434 kHz during early 1986. Gastil used the alias "Doctor Demento" while on the air using the call sign KIWI. Gastil was also fined \$50.00 in 1985 for operating a repeater station in San Diego without proper identification.

>>> Comments are pouring into the FCC on whether the Commission should impose regulations on the reception of satellite signals by backyard earth stations. At issue is whether TVRO owners have reasonable access to satellite programming at competitive prices. It also appears that the VideoCipher II satellite descrambler code has been broken, if only temporarily. While General Instrument Corp's VideoCipher Division "officially" denies the system has been compromised, insiders tell us that GI is prepared to launch an all-out attack on anti-scramblers using innovative technological weapons.

SURVIVALIST MAGAZINE RECOMMENDS ICOM IC-2AT'S

"Every survivalist and survivalist group should carefully assess the need for dependable tactical communications. This is, short-range communications used for command, control, and intelligence gathering for small groups, families and individuals working together. The ICOM IC-2AT's noise free FM and rugged sophistication make it a perfect choice for portable tactical communications." This is part of what the January 1987 American Survival Guide magazine had to say in a two page article on tactical communications. Although it stated that the 2-AT operates in the Amateur 2 meter band and that a li-

cense was needed to transmit on those frequencies, it is quick to point out that it operates on almost 1700 frequencies from 141.500 to 149.995 MHz. and that in an emergency it can be used by an unlicensed person in the Amateur band. The article also points out that the frequencies above and below the Amateur 2 meter band are assigned mostly to the military but issues no warning about operating there. I'm sure the ICOM people are glad to get the publicity but the potential for intrusion of unlicensed operators into the Amateur band is highly likely.

...de WA6ZLO & W6SBE

PIRATE RADIO STATION -"LASER 558"-- BACK ON THE AIR

"Laser 558", the British pirate radio station, is back on the air. The station broadcasts illegally to Britain from a ship anchored in international waters off Britain's east coast. The station was forced off the air during a storm more than a year ago and towed into port by a surveillance vessel of the British DTI (Department of

Trade and Industry- similar to our FCC). The DTI had blockaded the vessel and once towed into port, the American DJ's were kicked out of the country. The station is now operating on 570 KHZ at anchor 17 miles off the coast of Essex and one mile away from another pirate ship, Radio Caroline that has been on the air for over 20 years.

RS232 STANDARD

It appears that just about every type of computer and computer peripheral is equipped with an RS232 "port" or connector. What does RS232 mean and are the connectors the only devices referred to by this designation? RS232 is the most common and most commonly misunderstood standard used in computer communication. Other, probably preferable, standards such as RS422 and RS423 have been developed; but until they gain widespread acceptance, the universal computer communication standard will continue to be RS232. Based on definitions established by Bell Telephone for their own use, RS232 is a standard for computer and computer peripheral interfacing adopted by the Electronic Industries Association as one of their Recommended Standards. Published in 1969, RS232 was one of the first attempts at establishing a standard that would allow the "plug-in" interconnecting of various manufacturers' computers and peripherals. RS232 deals with information transfer of computers and peripherals that use serial-binary data interchange.

...Thanks Tom, N6LSA

BROADCASTERS ON 220 ?

AM daytime radio station, WRNJ, ("Radio New Jersey") has petitioned the FCC to create a new FM broadcast band between 225 and 230 MHz, just above the 220-225 MHz ham band. It would be called "FM-2". WRNJ proposes that AM daytimers be authorized to move to the FM-2 band with fulltime operation. RNJ has requested that they be authorized to construct an experimental FM broadcast station on 227.5 MHz in Hackettstown, N.J. AM's share of the radio audience continues to shrink. About 70 % of the nation's radio listeners tune to the present interference-free FM band between 88 and 108 MHz. which is something that AM broadcasters are well aware of. The FCC has a backlog of 1,700 applications for new FM stations.

*Happy
Valentine's
Day!*

STATION LOG

ARRL
affiliated club

The January 20th meeting of SARA was called to order at 735 pm by President Denny, W66P. Introductions of 33 members and guests followed. The minutes of the previous meeting were read and approved. Treasurer Bob, N60CS, reported 83 renewals have been received so far for 1987. Statement balance \$1,494.09. Present balance as of 1-20-87 is \$1,739.02. Bills paid include the phone \$15.81, post office box rental \$22.00 for year and Budget Copy for the newsletter \$40.07. Additional income from commissions for three ARRL renewals, \$6.00. W66P reported for the fund raising committee. A list of possible fund raising sources and uses for the funds was prepared by K66NZ, Terry, and read by W66P. Following discussion on the recommendations, a motion was introduced that the club conduct a fund raising event. Motion carried! Larry, W66CMI, made a motion that the fund raising committee look into the club having a fireworks booth around the 4th of July. Seconded by N6JTD, Lori, and carried. Full details are to be reported to

the club next month. Education Director, Phil, WD0FFX, reported on the Novice and Tech/General class currently being held. Also reminded all that the next SARA license class starts on February 28th. The dinner-dance committee, N6JTD and N6EKV report was given by JTD. Lori reported that the committee is looking into many possibilities and encouraged input from members as to their ideas and suggestions as to where to have the dinner and the type of food etc. Refreshment break at 840 pm. Meeting reconvened at 850 pm. Under new business W66P and W66CMI suggested the club sponsor a special events DXpedition to Alpine County this summer. A great deal of discussion followed on this one because Alpine County is a very rare county to get for DXer's because there are practically no Amateurs living in Alpine County. Motion made/seconded and approved. CMI will scout a site and put together the details. Dates are August 22 & 23, 1987. Glen, KA6WBY will see about getting SARA's generator working properly. Dan, WA6KDC, bought up the fact

that some members were not using the autopatch properly. He said he has heard several users failing to identify themselves before bringing up the patch. READ-OUT editor, WA6ZLO, was requested to run a story in the newsletter about this. Gene, KI6DC, reported on a request that SARA help NARRC, (Northern Amateur Radio Relay Council) secure a building in Modesto to use for the next general NARRC meeting in April. Primarily because the club is presently without liability insurance, it was decided to respectfully decline the request. It was suggested that possibly this may accomplished in the future when the new Modesto Civic Center is completed. A suggestion was made that the club might consider a future meeting be held at a restaurant. Following discussion a motion was made/seconded and approved that we hold our March meeting at the Aca-pulco restaurant on McHenry Ave. Social hour and dinner would be dutch treat for those who wish to get there early at 6 pm with the meeting at 730 pm in the banquet room. John, KG6DU volunteered to contact members in the Modesto exchange that have not paid their dues.

VP, Bud, N6OCV, volunteered to do the same in the Manteca area. Leroy, NV6S, reported that the SARA CW Rabbit Contest was ready to start on Feb. 1st. A motion was made/seconded and approved that the NOVICE scoring the most points during the CW contest would be awarded a free class to upgrade to Technician or General at the next SARA license class. A value of \$25.00. Leroy, NV6S, also suggested that the club consider changing the bylaws regarding family memberships. It was suggested that family memberships be set at a flat \$25.00 for all members of the same family regardless of the number. Motion made/seconded and approved. The required petition and bylaws change will be typed and readied for the next meeting. Adjourned at 945 pm. Respectfully submitted by Secretary LaVerne, KB6ECF.



Alpine Co. DXpedition Aug 22 & 23

Ever since I first became a ham, I've had the desire to go on a DXpedition to some exotic part of the world. This has never been practical financially, so, I started trying to come up with some creative ways to make it happen. One of the things I considered, which was prompted by articles in various ham magazines, was backpacking to some remote mountaintop with a QRP rig. A few years ago I heard a couple of hams on one of the repeaters talking about Alpine County being one of the most wanted on the County Hunters Awards. (...hummm... Alpine County is close by!) As I recall the conversation, there are only three hams living in Alpine County, two of which are inactive and the third is only semi-active. So, other than an occasional traveler working mobile, there's not much chance of getting Alpine County. In talking about this on the air, there seemed to be some interest among other SARA members. With some encouragement from President, Denny, WG6P, I presented the idea at the January SARA meeting of making such a dxpedition a club

sponsored activity. The response was overwhelmingly in favor. And so the planning begins. We will be on the air the weekend of August 22 and 23, 1987. In order to make this event as successful as possible, we will need the support of the membership. There is a lot of work to be done but if a lot of people do a little, it will make the load easier on all of us. So far, I've come up with the following areas that I need someone to supervise. Volunteers would be appreciated. Rigs, food, antennas, sight selection, scheduling, training, RV's and a QSL manager. Initial reaction from the DX community seems to be good, so we may have our hands full. Even if we don't make a contact, it will be a fun weekend of camping. Accomodations may not be the best, but we should be comfortable. We will have an organizational meeting the latter part of February to make decisions and set operating hours etc. If you are interested, contact me on the repeater or at home evening at 667-8363.

..... Larry, WD6CMI

MOVING? DON'T FORGET TO NOTIFY THE CLUB IN ADVANCE

READOUT is mailed to each member using the bulk mail permit purchased by the club. This saves the club money over the long run and allows us to put out a larger (number of pages) newsletter each month. However, there are a couple of drawbacks to the bulk mailing system and one that has surfaced a few times lately is non delivery of a newsletters to members who have moved and failed to notify the club. Bulk mail is 3rd class mail and as such is NOT FORWARDED. All of our newsletters carry the notice "Address correction requested" and "Return postage

guaranteed", which means that the post office will return any newsletter that don't make it. This costs us 39 cents each time it happens. 30 cents for us to get your new address and 9 cents to return the newsletter to us. Then we have to turn around and put the newsletter in an envelope and put 39 cents postage on it and mail it by first class mail to your new address. That's a total of 78 cents. It doesn't take long for that to add up. So, do yourself and SARA a big favor, if you move, please notify us well in advance so that we can make the necessary corrections.

"VOYAGER" AMATEURS

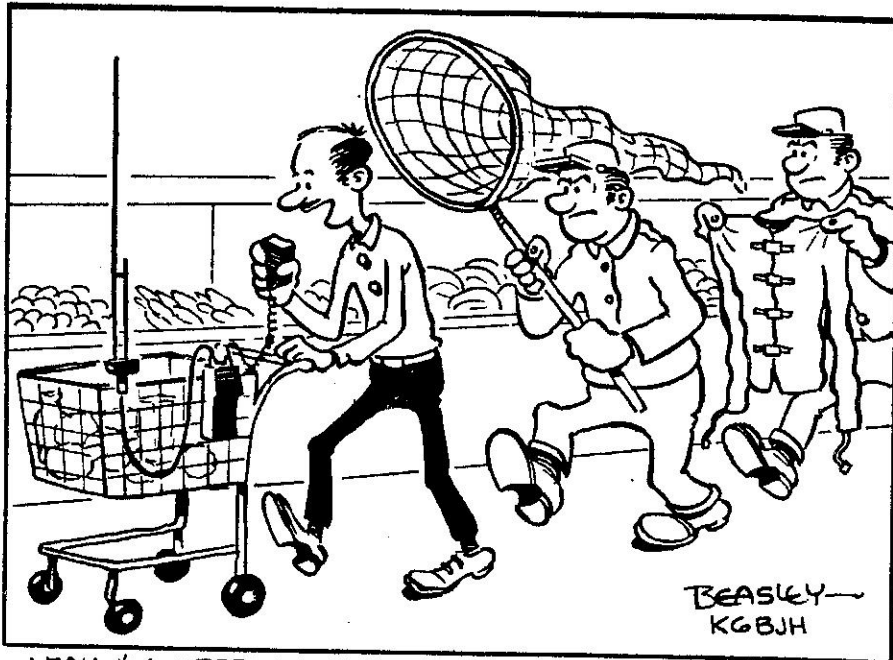
The crew of the "Voyager" that flew non-stop, non-refueled around the world are licensed Amateur radio operators. Jeana Yeager, is KB6QLR and Dick Rutan is KB6QLS. They reportedly had Amateur equipment on board as a backup but they used FCC only authorized Flight Test frequencies during the nine day trip from Edwards Air Force Base on the Mojave desert.

Page 17

. . . SUDDENLY

(From page 3)

that I had been attacked and bitten by a 20 foot Great White. Needless to say, the Captain had already called the Coast Guard. We promptly called them back and canceled the helicopter. All in all, it was a very exciting climax to a very nice trip. I do wish that I could have kept the lobsters though, as they were the first I had ever caught.
.....de Denny, W66P



YEAH, I'M OPERATING SHOPPING CART MOBILE, BUT I THINK THE SQUASH IS SOAKING UP THE RF!

CHURCH ATTEMPTS TAKE OVER OF AREA HAM CLUB

According to the Contra Costa Times in Walnut Creek, a group of Amateur radio operators have filed a lawsuit against a Pleasant Hill church charging that the church is trying to take over their ham club and make it part of the Seventh Day Adventist Church. The suit, filed by the Pleasant Hill Amateur Radio Club charges that church director-elect and the current club President, Frank Graves, N6JNZ, of Martinez, attempted to use his position to make the club a part of the church. The club is asking the court to conduct a new election of officers and to appoint a receiver to take over management and control of the club and its property. It also asks for a temporary restraining order to prevent the church from evicting the club from its premises or attempting to disband its membership. The church provides the Pleasant Hill Amateur Radio Club's meeting room and pays for the power, telephone and liability insurance.

Your Invitation

Several complimentary issues of READOUT were mailed this month. If you are not a member of SARA and received a copy of READOUT, we hope you enjoy it and will accept this invitation to join SARA. You will enjoy meeting new friends and the many activities of the club each year. Your membership brings with it the club's monthly newsletter, READOUT and use of the autopatch facilities.

Please use the handy membership application below to apply for membership. If you would like more information on SARA please write to the Club at post office box 4601 Modesto, CA. 95352.

Join In: **DUES** Pay

January.....	\$15.00
February.....	\$13.75
March.....	\$12.50
April.....	\$11.25
May.....	\$10.00
June.....	\$ 8.75
July.....	\$ 7.50
August.....	\$ 6.25
September.....	\$ 5.00
October.....	\$ 3.75
November.....	\$ 2.50
December.....	\$ 1.25

Membership

MEMBERSHIP APPLICATION

Name _____ Date _____

Address _____ Call _____ MEMBER OF ARRL? _____

City _____ Zip _____ Home Phone _____

Bus. Address _____ Bus. Phone _____

Occupation _____ Date of Birth _____

Class of License _____ Year First Licensed _____

Entered Roster ()

Membership year (19)

Entered Mail List ()

FOR OFFICIAL USE ONLY:

Treasurer () Welcome/Autopatch letter sent: ()

CALENDAR

Feb.	7,	1987...	SARA VE Examinations	800 a.m.
Feb.	17,	1987...	SARA Monthly Meeting	730 p.m.
Feb.	27,	1987...	SARA License Classes begin.	
Mar.	17,	1987...	SARA Monthly Meeting	730 p.m.
			Acapulco Restarant.	
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.
Aug.	22-23,	1987...	DXpedition to Alpine County	
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
RETURN POSTAGE GUARANTEED

**Bulk Rate
PAID**

Permit No. 5
Modesto, Calif.

COMMERCIAL COPY

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