



The READOUT

YEAR 12

NUMBER 6

JUNE 1989



SARA FIELD DAY
NILES GARDEN SCHOOL
MANTECA, CA.

JUNE 24-25

11 am SATURDAY TO 12 NOON SUNDAY

3



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

The READOUT FACTS

The 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 The READOUT are always welcome and may be submitted to the editor, Bob Pinheiro, WA6ZLO at 1221 Mist Flower Ct. Modesto, CA. 95355. Permission is granted to reprint articles appearing in The READOUT with appropriate credit. 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 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, WD6EJF-1 also located on Mt. Oso at 3,500 feet. Frequency is 145.07 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 RACES. Dues are \$20.00 per annum and \$10 for students up to sophomores in college. Dues are prorated 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

Phil Hartz.....WD0FFX.....523-9018

VICE PRESIDENT

Joanne ShafferN6SAH.....537-5205

SECRETARY

Linda Franklin.....N6REB.....537-1123

TREASURER

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

NEXT SARA MEETING

June 20, 1989

730 PM

**County Administration
Bld.**

**12th and H st.
Modesto, CA.**

Lower Level Conference Room

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SARA FIELD DAY 1989 IN MANTECA

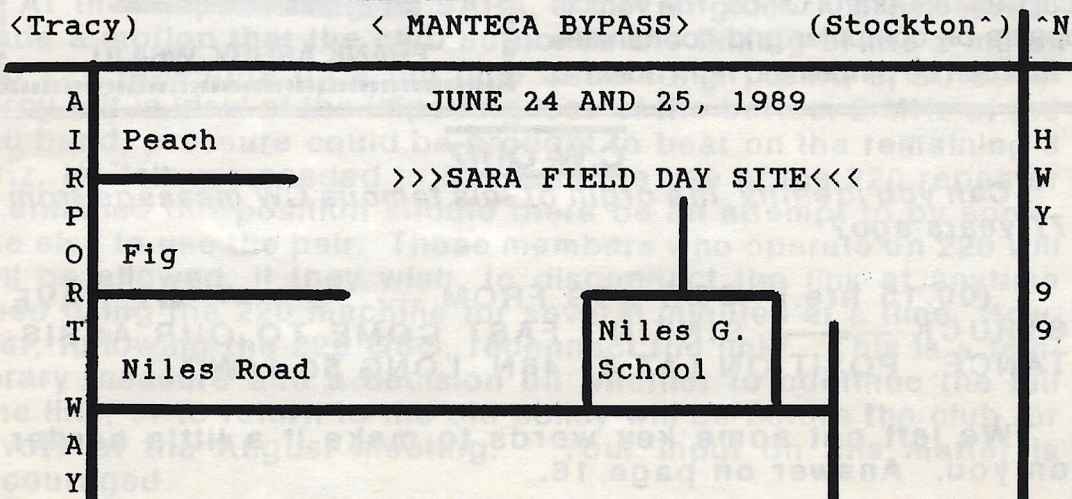
OBJECT: "To work as many stations as possible on any or all Amateur bands (except 10 MHz) and, in doing so, learn to operate in abnormal situations under less-than-optimum conditions. A premium is placed on skills and equipment developed to meet the challenge of emergency preparedness and to acquaint the public with the capabilities of Amateur Radio."

That's what Field Day is all about, held the last weekend in June (June 24-25) each year. In addition, Field Day stations must be operated from a source independent of commercial mains. (Generators, batteries or Solar etc.) It's an intense, but friendly, competition between Amateurs throughout the U.S.A. and Canada which sharpens our skills to perform in the event of a disaster or emergencies.

SARA will be returning to the Niles Garden School on Niles Road outside Manteca for this year event and everyone is invited to participate or a least stop by for a visit and see what its all about. Setup will begin as early as Friday after work with the bulk of the work to be done on Saturday morning June 24th. This includes setting up stations, putting up antennas and fine tuning the generators which will provide the juice. Everybody hits the air at 11 am Saturday and then it's NON STOP from there on for 25 hours till 12 noon Sunday when it's over. Points are garnered for each contact and the ARRL passes out awards for the most points gathered in various categories.

Operators and equipment are needed, especially operators. So, if you can help, even if it's only for a couple of

(Continued on Page 10)



STOLEN VEHICLE TRACKING SYSTEM

The FCC has proposed to allocate 173.075 MHz to a stolen vehicle tracking system. The spectrum is presently allocated to exclusive government use, but is being made available for non-government law enforcement use. Stolen vehicles equipped with the \$500 anti-theft transceivers during a Massachusetts test were found in most cases within 24 hours compared to an overall vehicle theft recovery rate of only 9 percent.

The transceiver is activated remotely...it's unique identification code tracked by the police. Another vehicle theft prevention and recovery system is called the "Locator." The Swiss-made device is armed by a keypad...similar to a commercial burglar alarm system.

The moment a car is stolen or an emergency alarm is transmitted, the Locator satellite locks in on the vehicle and sends the vehicle's location to a local Central Control Office. The vehicle appears on computer grid coordinates that can be pinpointed right down to

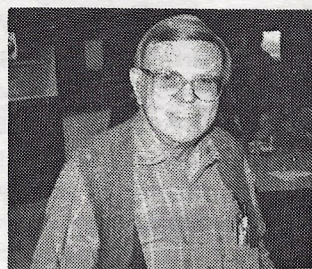
the street number. Central Control notifies the closest law enforcement agency. -W5YI Report

AMATEUR RADIO CALL SIGNS

....issued as of May, 1989

Extra- AA6NP
Advanced- KJ6TE
Gen-Tech- N6UYS
Novice- KC6DIF

MEET SARA MEMBER



FRANK ASHBY, W6AJU

C.W. QUIZ

Can you identify the origin of this famous CW message from 77 years ago?

"(00.15 hrs.) CQD SOS FROM --- WE HAVE STRUCK --- SINKING FAST COME TO OUR ASSISTANCE. POSITION LAT 41.46N LONG 50.14W."

We left out some key words to make it a little harder on you. Answer on page 16.

OLD PRINTER **RIBBONS!**

Your printer ribbon can actually outlast your printer when you regularly re-ink your ribbon! The ribbon area struck by the pins of the printer head is very small compared to the total surface area of the ribbon. The ribbon is installed in the cartridge with a single twist that creates a Mobius strip, which alternates the impact from one side to the other and from top to bottom.

As the ribbon winds its way around the spool, the nylon fabric has plenty of time to recover from the impact. On a freshly inked ribbon, ink will migrate back into the area hit by the pins and the ribbon retains its suppleness over an extended lifetime. If the ribbon dries out,

however, the print quality deteriorates, the ribbon frays and the dried out ribbon fabric becomes damaged by the pins' impact. Worse, the pins can catch on a frayed ribbon and become bent or damaged.

The special ink used to re-ink ribbons is specially formulated of a non-clogging formula which includes special lubricants that actually prolong the life of your printer head. Re-inked ribbons are preferred by many over new ribbons because the ink used in new ribbons is formulated to insure a long, stable shelf life which sacrifices some of the print quality in return.

Two suppliers of re-inkers and ink are Bede Tech, 8327 Clinton Road, Cleveland, OH 44144. Phone 1-800-772-4536 and PBM Industries, 360

(Continued on Page 10)

LINK FOR SARA REPEATERS

At the May meeting of SARA, Chief Engineer Leroy, NV6S, made a motion that the club authorize the linking of the 2 meter and 220 repeaters on a full time basis for a period of 90 days. Leroy felt in view of the impending loss of the bottom 2 MHz of the 220 band, pressure could be brought to bear on the remaining 3 MHz. He felt we needed to increase the use of the 220 repeater to enhance our position should there be an attempt to by someone else to use the pair. Those members who operate on 220 will still be allowed, if they wish, to disconnect the link at anytime when using the 220 machine for several minutes at a time. However, following the 220 QSO, reconnect the link! This is a temporary measure and a decision on whether to continue the full time link, or to return to the old policy will be before the club for a vote at the August meeting. Your input on this matter is encouraged.

ON THE AGENDA

The May 16, 1989 meeting was called to order at 7:30p.m. by the President, WD0FFX. Introductions of 16 members and guests. A motion was made to accept the minutes of the last meeting as printed in The READOUT, the motion was seconded and accepted. Jo, N6SAH, reported on the POW WOW that was held May 5, 6, and 7. The Amateur radio station that was set up there to pass traffic during the event was a success, and we were invited to come back next year.

Jo also mentioned that for Field Day this year Dave, KJ6DL's antenna will not be available and that we need help and suggestions for acquiring one for this event. Jo also mentioned the need for help at the Bikeathon scheduled around Turlock July, 16.

On July 15 the club will hold a garage sale at Phil's, WD0FFX, house, help and donations of usual garage sale items are needed. Leroy, NV6S, reported on the PL that was installed on the repeater output, and said that the new rigs with a PL input on the receiver can eliminate the interference from the bay area. Otherwise everything else is working fine.

The Treasures report was as follows: April deposits totaled \$350, bills paid were \$16.42 for the raffle items, \$16.83 for the telephone, \$612 for club insurance, \$876.71 to Copeland Lumber for the new repeater building materials, and \$103.04 to Budget Copy for duplicating. The balance as of 4-26-89 was \$1255.55. The motion to accept the

Treasurers report was seconded and approved.

WD0FFX then introduced the evening speaker, Rod Stafford, KB6ZV, Pacific Division Director of the ARRL. Rod began by announcing he had escaped serious injury on the way to the meeting when a large sheet of plate glass fell from a truck that was passing him, and struck his car. Mr. Stafford spoke about the 220 matter and a congressional subcommittee hearing held on the subject May 11, 1989. It was a most interesting and informative report. He said that even though the ARRL came away from the hearing fairing a little better than the FCC, that the 220 concern is still a live issue.

If you would like to contact Mr. Stafford for any reason, you can write to Rodney J. Stafford, KB6ZV, 5155 Shadow Estates, San Jose, Ca. 95135 or call... (408)274-0492. There was a break at 8:45 pm, after break at 9:00 pm, Lavonne, WB6PJY, reported that this years dinner-dance is set for October 7 at the Oasis.

Due to an increase in prices this year at the Oasis, it was suggested the tickets for the dinner-dance be placed at \$20.00, and \$18.00 for senior citizens 62 and older. Phil, WD0FFX, reported that the Teal School was very interested in having the club radio station located at the school and open access to the station anytime day or night would be available to club members.

(Continued on Page 13)

SARA GARAGE SALE

Saturday
July 15, 1989
All Day
WDFFX HOME
2509 Kilkenny Drive
Modesto, CA.

Donate Anything you Can!

Call Phil, 523-9018

DESKTOP PUBLISHING

You may have noticed a change in the appearance of The READOUT this month. It's because I am now using a desktop computer publishing program to do the composing. I hate to tell you how much time I have spent learning this program. My family thought I had gone nuts. I did too! I have learned enough to be able to put out this edition with it. But, I have a long way to go. Like fine Modesto wine, it will get better with time. Ed.

DATA INSECURE

A consultant in Calgary, Canada, recorded some facsimile transmissions (FAX) from a phone line and played them back into a FAX machine, demonstrating that fancy equipment or fancy techniques are not needed to eavesdrop on FAX messages. Of course, the same is true of data transmissions sent via a modem on phone lines. If they are recorded, even on a cheap recorder, they can be printed out on another computer. Just as long as they are not encrypted. -

Thanks SBE Newsletter.

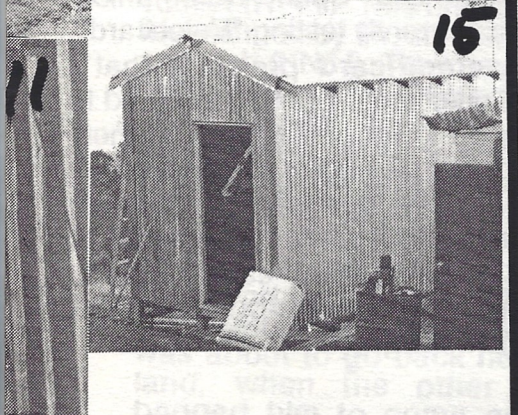
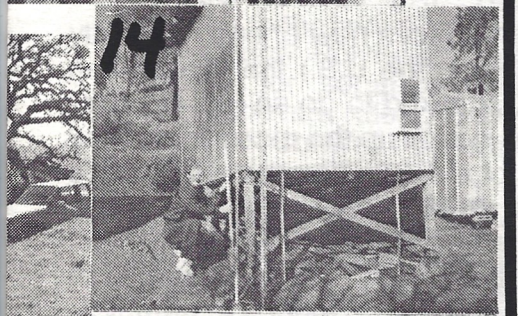
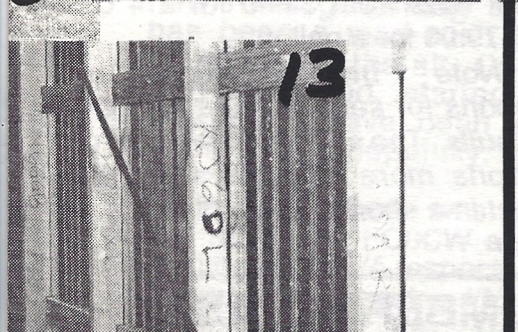
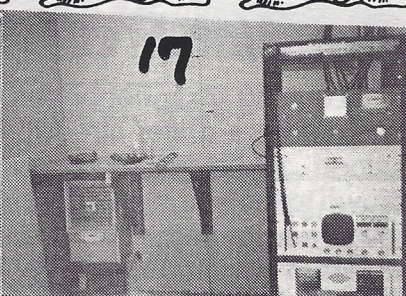
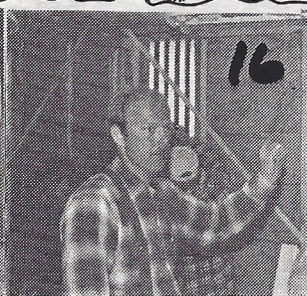


Charlie Harding, K6SWW



Sharron Franklin, KB6ZZD





MT. OSO REPEATER BUILDING

- 1 & 2- The old two meter building constructed of particle board and tin.
3. Under pinnings of the new building.
4. New building framed.
5. Work on the framing.
6. Steel siding for the walls and roof.
7. Don, N6GGB, working on door jam.
- 8 & 10- Crew stands back for a look at how their doing. The old building is on the right.
9. Long shot of the new building going up.
11. Club President, Phil, WD0FFX checks the Insulation.
12. Cliff, KB6QLI, installing more insulation.
13. Club member write their calls on the 2 X 4's before the sheetrock goes on.
14. Don, N6GGB, puts finishing touches on the outside of the building.
15. The nearly finished product.
16. Don, N6GGB, inspects the interior.
17. The interior with the sheet rock and work bench up and the repeater rack in place.

A big THANK-YOU to everyone that worked on this project. Many hours and lots of building materials were donated by several club members. Especially, Don Fink, N6GGB, who drew of the plans and headed up the construction crew.

BIG MIKE'S COMIN'

Looking for a cool drink after a long dusty ride, a drifter strode into the town saloon. As he made his way through the crowd to the bar, a man galloped through town screaming, "Big Mike's comin'! Run for your lives!"

Suddenly, the saloon doors burst open and an enormous man standing eight feet tall and weighing 400 pounds rode in on a bull. The man grabbed the drifter by the ankle and threw him over the bar and growled, "Gimme a drink!"

The terrified drifter handed him a bottle of whiskey which the man guzzled in one gulp. He smashed the bottle on the bar and then stuffed the broken bottle in his mouth and munched it. "Can I get you another drink sir?", asked the drifter. "Naw," the man grunted. "I gotta git!" Big Mike's comin'!"

SARA FIELD DAY

(Continued from Page 3)

hours, contact Field Day Chairman Dave, KJ6DL, at 537-2681. Overnight camping is OK and restroom facilities are available at the school. If you plan to spend the entire 24 hours, be sure to bring along your own food and camping equipment. Antennas are especially needed. Because the site is school property, no alcoholic beverages are allowed. There is plenty of shade and plenty of room to spread out.

OLD PRINTER RIBBONS!

(Continued from Page 5)

Anderson, P.O. Box 2839, Escondido, CA. 92025. Phone (619) 741-0633. Prices range from \$49.00 to \$89.00 for the re-inking machines depending on the model. Ink runs from \$4.50 for a 4 oz. bottle to \$79.00 for a gallon.

(Ed. Note I have re-inked all my fabric ribbons for several years with excellent results. The savings in the cost of new ribbons more than pays for the equipment in a short period of time.)

NUMBER PLEASE?

Toshiba has a new phone (currently unavailable in the U.S.) that dials when VERBALLY asked to do so. All the user has to do is pick up the receiver and say any one of the 19 different names that's stored on a voice-recognition chip inside the device. The phone, which is priced at \$235 in Japan, then dials the number. In America, the U.S. Sprint Communications Co. is currently testing "Voicecard", a phone credit-card program that's based on user voice-prints. Designed to cut down on telephone fraud and theft, the system requires users to register their voices with the company, and then checks each subsequent call against the original. If the current caller doesn't match the stored voice-print, the call doesn't go through.

DX NOTEBOOK

By Tom Farr, WJ60 & Denny Dugal, WG6P

Hello once again DX hounds and all other radio-sport fans. Your reporter has been very busy, so we apologize for the blank column last month. There is lots and lots of activity to report now though. With the new rules governing DXCC, there has been a mad rush to put new countries on the air. One of these, Rotuma Island, started it all, and now there have been several expeditions to, hopefully, "new ones!"

Amongst these was an operation last month by FO0CW and FO0EXV, signing /M and /A respectfully, from the Marquesus Islands (/M), and the Austral Islands (/A). These islands belong to the group loosely referred to as French Polynesia, but they may qualify for separate country status under the new rules. Another operation was from Conway Reef in the Fiji group, which signed 3D2CR.

An operation is going on right now from Banaba Island in the Ocean Island group of Western Kiribati (T3). The call sign of this operation is T33JS, and T33RA (RTTY). This one should fly, as it is manned by Mr. Jim Smith (VK9NS) and Bob (KN6J). They have been very active in the usual DX window frequencies, usually listening up. Another group heard recently was XF4L, from Revillo Gligedo Island, headed up by Marti Lane (OH2BH).

A rather interesting story developed on this one. It seems Marti had an accident while in New York where he broke his ankle. He was about to go back home to Finland, when the other operators begged him to come anyway. He

did, and they really took care of him in a big way. He operated for over a week with that broken ankle. What a DXer! He is scheduled to go to the Western Sahara (S0), where he is currently operating. He will leave there and go to M-V Island (4J) for a 4 day operation!

Also on the bands right now is a group from the Maldive Islands (8Q), another Japanese group at Rotuma Island signing 3D2YY, an expedition by the Natal DX Group from ZY0SS, St. Peter and Paul Rocks, off the coast of Brazil, an operation from TI9, Cocos Island, and the ever present Colvins, Lloyd and Iris, with an expedition to mother Russia, where they plan to operate from all 17 Russian Countries! Whew, that's a lot of DX on right now!!

Add to that the usual rare countries with permanent residents, and good band conditions, and you can see that it's a DXers dream out there right now! Good technique, good antennas, and a decent rig will bring home the success. Good luck! Propagation has been very sporadic lately. It's difficult to predict exactly what old sol will do on a given day. One day the flux will top 300, with an Index of 2 and a K of 0, and the next day the flux will drop, the A will soar to 40, and the K will go to 7!! Best bet as always, is just to listen to the bands, swing those beams, and see who is out there.

As an example, yesterday I was trying to work the T33JS on 10 CW. Tried for an hour with no success, as his signal was 229 or less! Today, same time, his signal was 599! The difference? A index dropped from 10 to 2. So be it! (Continued on Page 13)

EDITOR'S NOTES

By Bob Pinheiro, WA6ZLO

June and summertime always brings with it the annual Field Day exercise. If you have never participated in this preparedness event, why not make plans to do so this year. See the story on page 3. If you decide to do it, contact Dave, KJ6DL, the Field Day Chairman, and sign up. You can reach Dave at 537-2681. **CONGRATULATIONS** to Tom, WJ6O, who has lost over 70 pounds on the Optifast diet. He went on the diet at the request of his surgeon who performed surgery on Tom to correct a sleep apnea problem. Tom is doing great and has been asked to share his story with up in future editions of The READOUT.

Congratulations also to Chet, W6XK and his wife Karen, WA6HRC, who are the proud parents of child number three, Aaron Dean, who was born on April 25, 1989. In addition, Chet has been promoted to the Director of Personnel at Stanislaus Union School District. For the last few years he has been the Principal at the Chrysler School in Modesto. Also, welcome to Packet Chet!

Speaking of congratulations, permit me to blow my own horn. The READOUT has been awarded a "Superior" award by the Amateur Radio News Service in nationwide competition with newsletters from radio clubs throughout the country. We were entered in category C (membership of 150-200), competing against newsletters from clubs in Chicago, Colorado Springs, Portland, Or., and Lexington, KY to mention a few.

WELCOME NEW MEMBERS
Howard McDonald, WD6ACV, of Es-

calon and Donald J. North, KC6CWL, of Turlock. Howard is retired and is a Technician first licensed in 1977. Don is a Technician who just obtained his ticket. He is a student in Turlock. This brings a membership to 162 for the year and climbing.

THE 147.33 MHZ COALINGA repeater has been PL'ed because of severe intermod interference on Joaquin Ridge. The PL frequency is 100 Hz. However, for those without a PL encoder, you can override the PL by using your touchtone pad. Sending the pound sign (#) for approximately 2 seconds will remove the PL requirement. The star (*) restores the PL.

GETTING READY for a party, the wife put on her new dress, then asked her husband, "Is my neckline too low?" "Either it's too low, or you're not in it far enough!" replied the thoughtful husband.

THE 12TH ANNUAL SARA DINNER-DANCE date has been set for October 7th, at the Oasis Restaurant. Prices continue to increase pushing up the price of tickets. This year they have been raised to \$20.00 per person and \$18.00 for senior citizens over 62. New this year will be an invitation to neighboring clubs (Manteca, Turlock, Sonora, Calaveras) to join us for a big event.

SOME HORSEPLAY has been going on the 2 meter repeater. Some nut has been dumping extra tones on autopatch calls which cause the calls to fail. The same individual is believed to be bringing up the patch and calling the time lady.

(Continued on Page 13)

EDITOR'S NOTES

(From page 12)

Remember, the best approach to these type of people is **TO IGNORE THEM** on the air. Behind the scenes, it's time to get the directional antennas out. That reminds me, shouldn't we have a T-HUNT? It's been years and they are not only fun, but good training for just this kind of problem.

THE MT. OSO 2 METER SITE CONTRACT has been signed. We now have a nice lease contract for the two meter site to go with a similar contract for the 220 site. Thanks to Hart, N6TIV, who help the club by drawing up the legal papers and lending his legal advice. That's it for this month. Enjoy the summer! 73, Bob.

DX NOTEBOOK

(Continued from Page 11)

So be it! Well gang, that does it for this month. Lots of excitement as we swing into the summer months.

So, either crank up those rigs, or crank up the camper, but lets get out there and have fun. As always, if you need QSL info, please don't hesitate to call either myself or Tom, WJ6O. If we don't have it, we will get it. Until next time, so long. Stop by and see us. Let me know and we'll put another shrimp on the barby!! G'day mate, and gud DX, de WG6P, Denny, and WJ6O, Tommy, dlt dlt.

ON THE AGENDA

(Continued from page 6)

Also, authorization by means of an ID badge or card for security purposes would be looked into. KJ6GE made a motion to pursue the club station site at Teal School in Empire, motion was seconded by NV6S and passed.

Under New Business the subject of the 220-2meter link-up was discussed and the purpose for the link would be to utilize the 220 so as not to lose it for lack of use.

Leroy, NV6S, made a motion to permanently link the 220 to the 2meter for a period of 90 days, and in August at the end of said 90 days with hopefully a substantial attendance of members at the August meeting, a vote as to whether or not to continue the link-up would be taken. The motion was seconded by KJ6GE and approved.

The raffle was held for the evenings door prizes which were a 143-149mhz Hustler 2meter antenna donated to the club for the raffle by Pat Patterson, K6AYA, and a Novice Antenna Handbook donated by Jo, N6SAH.

The lucky recipient of the antenna was, Charlie, KJ6GE, and Rodney, WD6ACV, received the antenna handbook. Meeting was adjourned at 9:40pm. Respectfully submitted by Secretary, N6REB.

**PARTICIPATE IN FIELD
DAY!
CONTACT DAVE, KJ6DL,
537-2681**

FROM THE PRESIDENT'S KEYBOARD

By Phil Hartz, WD0FFX

It pains me to hear the debate about a "No-Code" license rear it's ugly head again. I'm sure that somewhere along the line such a license is going to occur. Change is inevitable, but whatever we do, let's keep our standards high in the process.

Being an educator for some nineteen years, I have seen many changes come along that have been both good and bad. In the fifties and sixties the standards for elementary and secondary education were tighter and tougher than they were in the late sixties and through the seventies.

Society wanted the schools to be more lenient and pass on those that had a rough time adjusting. In the eighties the schools came under fire for putting out a product that was unable to read and write. Colleges were finding that the basics were underdeveloped and also felt lots of pressure from society to lower their standards and therefore, got caught in the line of fire. Big business screamed that the finished product was way below acceptable standards.

The main lesson learned is that lowering standards does increase numbers, but it also tends to water down the product. We in Amateur radio, are being asked, and advised, to lower our standards one notch and allow a "No-Code" entry level license.

Arguments for this include: increased numbers for better strength in keeping allocated frequencies; code is an outmoded form of communications..(It's dead); let's join our foreign brothers; individuals who can't, or won't, learn the code will be able to get

licenses ergo, technicians, engineers and otherwise very capable people will be encouraged to enter without an unnecessary code impediment and, we will attract more youth into our ranks by making it easier to get licensed.

I had no idea that code was that high an obstacle. It seems to me that the only real threat to the Amateur radio spectrum is not the lack of numbers, but, is in not having a larger number of qualified and worthwhile participants to use that spectrum. I consider these individuals to be of a caliber of those already using the spectrum.

These people are made up of folks that have perseverance, drive, initiative and a desire to be a part of our hobby/service. For those that look for the easy way, I have little patience and less respect. I congratulate every individual Amateur who is currently licensed for having the quality within themselves to meet and exceed all of the basic standards required of their license.

They include individuals from all walks of life, that possess intelligence that ranges from a very high Intelligence Quotient (I.Q.) to one that is very low and well below average.

These are people who have faced their nemesis (Code) and overcome this obstacle have proven themselves the better for it. People who had very little, or no, time to set aside for their own lives much less a commitment to learn an outdated mode of communications, yet somehow managed to persevere through even the most trying times and succeed.

(Continued on Page 16)

PRESIDENT'S KEYBOARD

(From page 15)

Many of these people I know personally, as I have been directly involved with their learning through training classes offered by our club. I have seen youth of all ages take anywhere from two weeks to as long as two and one half years to attain their Novice Class license. This is truly a commitment and a quality I find very admirable in Amateur Radio.

So, the question, is the Code keeping the youth and highly technical element of our society out of our hobby? I say NO! What is keeping

"For those who look for the easy way, I have little patience and less respect."

them out is the lack of drive and desire necessary to join the ranks of our proud hobby. Code builds character and is the only truly basic way to communicate electronically. When all else fails, there will still be two wires to tap together and spark a signal. So, go ahead and start a "No-Code" entry license, but don't sell the Novice class operators short in the process, or for that matter, any other class of license. Increase the Novice class privileges in the VHF and UHF spectrum and give the "No-Coders" no more VHF and UHF privileges that the new existing Novice Class license and let them then strive to achieve the higher class of

DID YOU KNOW?

The Interstate Highway system in the U.S. assigns odd numbers (such as I-5 or I-15) to those highways that generally run east-west across the continent, and even numbers (such as I-8 or I-10) to those routes principally going north-south. This practice does not apply to interstate highways which have three-digits.

C.W. QUIZ ANSWER

(From Page 4)

("00:15 hrs.) CQD SOS FROM MGY
TITANIC WE HAVE STRUCK ICEBERG
SINKING FAST COME TO OUR ASSIS-
TANCE. POSITION 41.46N LONG
50.14W.

This Morse code SOS was sent by Marconi Wireless operator Jack Phillips, who later died of exposure in the freezing Atlantic.

-Thanks Shelby ARC, N.C.

..... NEXT MONTH

- Story and pictures of the POW-WOW held in Valley Springs. Photos and story by N6REB.
- Chet, W6XK, writes about the success of the VEC program in Modesto.
- DX Notes with WJ6O and WG6P.



CALENDAR



Jun. 20, 1989.....SARA Monthly meeting.....730 pm
Jun. 24-25, 1989.....SARA Field Day
Niles Garden School Manteca.....24 hrs
July 15, 1989.....SARA Garage Sale.....All Day
July 18, 1989.....SARA Monthly meeting.....730 pm
Aug. 13, 1989.....Chico Hamfest.....All Day
Chico Elk's Lodge
Aug. 15, 1989.....SARA Monthly meeting.....730 pm
Sept. 7, 1989.....VE Tests in Modesto.....630 pm
Sept. 9, 1989.....VE Tests in Modesto.....900 am
Sept. 19, 1989.....SARA Monthly meeting.....730 pm
Oct. 7, 1989.....SARA 12th Annual Dinner-Dance
Oasis Restaurant, Modesto630 pm
Oct. 17, 1989.....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 pm. Visitors and in-terested parties are welcome .

Stanislaus Amateur Radio Assoc.
P.O. Box 4601
Modesto, CA. 95352

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