



THE READOUT

The Stanislaus Amateur Radio News

21 YEARS OF SERVICE TO THE COMMUNITY

MAY / JUNE 1997

LAST ISSUE FOR NON-MEMBERS !!! RENEW, RENEW YOUR MEMBERSHIP

Subject: ncpa band plan

Northern California Packet Band Plan >
August 28, 1996 > > 50 MHz > > 51.12
SOCAL backbone > 51.14 LAN > 51.16
Keyboard to Keyd > 51.18 Experimental
> > > 144 MHz > > 144.91 Keyboard to
Keyboard > 144.93 LAN > 144.95 DX
Cluster > 144.97 LAN > 144.99 LAN >
145.01 APRS > 145.03 Keyboard to
Keyboard > 145.05 Keyboard to
Keyboard > 145.07 LAN > 145.09 LAN >
145.61 9600 bps (1) > 145.63 LAN >
145.65 TCP/IP 9600 bps > 145.67 DX
Cluster > 145.69 LAN > 145.00 bps >
145.73 LAN > 145.75 TCP/IP > 145.77
DX Cluster > 145.79 LAN > 146.58 DX
Cluster > > (1) BBS forwarding in
Monterey Bay area on minimal >
interference basis. > > 220 MHz > >
223.54 Node uplink (East Bay) > 223.56
Node uplink (West Bay) > 223.58 Node
uplink (Garlic) (1) > 223.60 Node uplink
(Sacramento Valley) > 223.62 Node
uplink (South Bay) > 223.64 TCP/IP >
223.66 Keyboard to Keyboard > 223.68
LAN > 223.70 Node uplink (Monterey
Bay & North Coast) > 223.72 Node
uplink (North Bay) > 223.74 DX
Backbone > > (1) TCP/IP interlink
(Sacramento) Not to interfere > with node
uplink. > > > 440 MHz > > 441.50 Any >
> Packet channels below 440MHz are
available, but must be > coordinated on a
case-by-case basis as auxiliary allocations
> in conjunction with NARCC. Contact
WD6CMU for details. > > > > 900 MHz
> > 903.500 1 Mhz wide - TCP/IP >
904.500 1 Mhz wide - TCP 915.500 1
Mhz wide - Experimental > 916.100 200

Continued page 2

The Readout

BE NO-CODE OR USE NO CODE WHAT'S THE DIFFERENCE ?

From John ke6vet

Hear the one about the new ham that was talking to an older ham, I mean older cause he had been in amateur radio for a long t ime, and during the conversation the older ham asked the newer ham what grade he was. When the newer ham said he was a Tech No-Code the older ham abruptly discontinued the conversation, turned and walked to the other side of the room and remarked to anoth er person, "These Tech No-Code people are everywhere."

Now the newer ham was left standing by himself wondering what happened! Bad breath, no. Aaaa, deodorant, no, used that. Must of been something I said, thought the newer ham. "Wonder what it was?"

As the evening continued the newer ham gathered some info about the oln't done any code at all after passing the Advance test. I probably couldnt even tell the difference between an "e" or a "t". So don't look to me for any help with code. I have no use for the stuff!"

Newer ham turns and checks for bad breath again. No problem there. "Yea, must of been something I said, but what?"

Older ham was still talking to the group. "What are we to do about all these Tech No-Codes?" One of the other hams answers. "Want to get rid of the Tech No-Codes? The best way I have found is the next time you meet one grab them by the hand and help th em up-grade. You

know, if every ham did that there would'nt ed walks off.

New Tech No-Code drives home wondering who really needs help? The new Tech No-Code, or the Advanced ham?

"Yep, must of been something I said."

Anyway, back to my code tapes. DADITDIT let's see, dog-did-it, that's a "D". DITDIT-----

Info?

Hi Jim. I have a new email address Would you please change it on the page? It is as follows.....ntzoller@foothill.net

Thanks,

Ned.....N6RDX

NON-MEMBERS... Sorry to eliminate you from our rank and file but we do need you.. Just because of you dislike this and that. Gads how foolish, I wonder how you passed your ham test.

IN THIS ISSUE

- : Code Views, By ke6vet
- : ARRL Pac.Div., By Brad Wyatt
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- : Minutes from March And April
- : Words from the Pres. ...KF6FIR
- : Good Jokes, via IPMOD

BAND PLAN from page 1

Khz Wide - Experimental > 916.300 200
 Khz Wide - Experimental > 916.500 200
 Khz Wide - Experimental > 916.650 100
 Khz Wide - Experimental > 916.750 100
 Khz Wide - Experimental > 916.810 20
 Khz Wide - Experimental > 916.830 20
 Khz Wide - Experimental > 916.850 20
 Khz Wide - Experimental > 916.870 20
 Khz Wide - Experimental > 916.890 20
 Khz Wide - Experimental > 916.910 20
 Khz Wide - Experimental > 916.930 20
 Khz Wide - Experimental > 916.950 20
 Khz Wide - Experimental > 916.970 20
 Khz Wide - Experimental > 916.990 20
 Khz Wide - BBS links (Contra Costa County only) >> 900 MHz activity is on a non-interference basis to vehicle locator service. 900 MHz is not considered suitable for omnidirectional systems, use for point-to-point links only.
 >>> 1296 MHz >> 1248.500 1 Mhz wide - Experimental (1) >> 1249.000 to > 1249.450 Unchannelized - Experimental >> 1249.500 100 Khz wide - Experimental > 1249.600 100 Khz wide - Experimental > 1249.700 100 Khz wide - Experimental (1) > 1249.800 100 Khz wide - Experimental (1) > 1249.870 20 Khz wide - Experimental > 1249.890 20 Khz wide - DX Packet Cluster > 1249.910 20 Khz wide - Experimental (1) > 1249.930 20 Khz wide - Experimental (1) > 1249.950 20 Khz wide - Experimental (1) > 1249.970 20 Khz wide - Experimental (1) > 1249.990 20 Khz wide - Experimental (1) > 1250.500 1 Mhz wide - Experimental > 1251.500 1 Mhz wide - Experimental >> 1297.000 to > 1298.000 Unchannelized - Experimental >> 1298.500 1 Mhz wide - Experimental (1) >> 1299.000 to > 1299.450 Unchannelized - Experimental >> 1299.500 100 Khz wide - Experimental > 1299.600 100 Khz wide - Experimental > 1299.700 100 Khz wide - Experimental (1) > 1299.800 100 Khz wide - Experimental (1) > 1299.870 20 Khz wide - North Coast LAN > 1299.890 20 Khz wide - DX Packet Cluster > 1299.910 20 Khz wide - Experimental (1) > 1299.930 20 Khz wide - Experimental (1) > 1299.950 20 Khz wide - Experimental (1) > 1299.970 20 Khz wide - Experimental (1) > 1299.990 20 Khz wide - Experimental (1) >> full-duplex channel pairs: 1249 1299 > eg: 1249.910

The Readout

1299.910 >>> Definitions >>> board elected by you, the packet user, "Experimental" -- Anything goes except full service BBS or any 24 > Hr/Day services (nodes, gateways, etc). This is where you can come > and test new gear, programs, etc. These channels may be reassigned > in the near future, so no permanent activities please. >> "Backbone", "Uplink", "Interlink" -- No uncoordinated stations. > These channels are for specific purposes as defined by the NCPA and > affiliated groups. This is where the various BBS, nodes, and > clusters interlink and are very hshare channels. Please use the > normal 2 meter entry points of the network you want to access rather > than these channels. >> "Keyboard to Keyboard" -- Anything but full service BBS, TCP/IP, or > DX Cluster. Primarily chat channels. These are also the primary > emergency channels. >> "LAN" -- Local Area Network, used primarily for BBS user channels. > Some keyboard-to-keyboard traffic is tolerated. Please av placing high level digipeaters or nodes on these channels since > they are *local.* A low-level node that links into a backbone on > another frequency is the preferred implementation. >> "Personal BBS" -- A BBS, often running entirely within a TNC, with > a small number of users that handles information of a personal, local > or special-purpose nature. A PBBS is allowed on keyboard-to-keyboard > channels *only* if it does not forward with other BBSs (personal or > otherwise). PBBSs may forward with full-service BBSs on LAN channels > at the discretion of the BBS's SYSOP. >> "TCP/IP" -- Stations using TCP/IP protocol on top of AX.25. Some > AX.25 tolerated to communicate to TCP/IP stations if a compatible > p-persistence access method used. >> "DX Cluster" -- Northern California DX spotting network. No other > activity should be on these channels. >> "9600 Bps" -- Stations using 9600 Bps with direct FSK (G3RUH, TAPR, > etc.) modems. >>>> Procedure for changes >> Users should contact either the frequency coordinator or the NCPA > board. The frequency coordinator will then present the requests to > the board at the next meeting along with suggested assignments. The > NCPA

makes all nments! >> Note: NCPA does not coordinate individual stations, nodes, etc. The > only station coordination is done by KA6EYH for bulletin board > systems. >>>> Eric Williams WD6CMU > NCPAuency Coordinator > WD6CMU @ WD6CMU.#NOCAL.CA.USA.NOAM > wd6cmu@netcom.com >

HEY JIM!!!

hey jim.... what is with all these club members????? I didnt get the last part of the antenna stuff to you in time so you didnt get it in the readout. My fault. BUT...do you think anyone has said anything??? NO!!!! I did send you two other small tid-bits and you printed them...has anyone said anything to me....NO!!!! what gives???? does anyone read the readout or is it thrown away soon as they get it???? this seems like the biggest bunch of do-nothings I have ever seen!!!!!! I know where you are comming from when you said almost no one sends you ANYTHING to be printed. I sure am glad it is you doing that and not me. I think I would have told them a long time ago that no body reads the readout so why take the time and \$\$\$ to print it. There have been none, 0, zilch, nada, not one discution about anything printed in the readout in a long time. I think next time you should only print what is sent to you, if you have half a page then only print half a page. These people whined and moaned and complained when there was talk about stopping the readout. But do these same people DO anything...NO NO NO!!!!!! they sit on their fat butts and whine and complain...screw them!!!! I will send you the last part of the antenna articles later this week. AND JIM...even if no body else tells you....you are doing a great job!!! gotta go....later SO LONG FROM MY HOUSE TO YOURS.

THIS MESSAGE IS SENT FROM AN AMATEUR RADIO STATION.

RETURN ADDRESS IS:

N6UGH@MODESTO.N6KMR.AMPR.ORG

ARRL PACIFIC DIVISION UPDATE

MAY, 1997 by Brad Wyatt, K6WR, Director, Pacific Division, ARRL 18400 Overlook Rd. #5, Los Gatos CA 95030-5850 (408) 395-2501 (Phone and FAX) Packet: K6WR@N0ARY.#NOCAL.CA Internet: K6WR@arrl.org WWW Pacific Division Home Page -- <http://www.pdarrrl.org/>

Amateur Radio Volunteer Services Act of 1997:-

In early March, Rep. Anna Eshoo (CA-14th), along with 21 cosponsors, introduced the Amateur Radio Volunteer Services Act of 1997 (HR 1013) into Congress. This bill, if enacted, would place volunteers in the Volunteer Examination Program and the Amateur Auxiliary under the protections of the Federal Tort Claims Act by affording them the same legal protections as employees of the Federal Government while they're carrying out such volunteer duties. See page 15 May QST for the full details and text of the bill. Ron Dellums (CA 9th), from the Pacific Division, is one of the initial cosponsors. Please contact your Congress persons to ask them to become cosponsors. A sample letter is on page 16 of May QST.

FCC Issues Amateur Spread Spectrum NPRM:-

On March 9, 1997, the FCC issued a Notice of Proposed Rule Making (NPRM), WT Docket 97-12, proposing to make significant changes in the regulations governing Amateur Radio use of spread spectrum (SS) technology. The changes are proposed in order to encourage greater use of this mode, a mode that is expanding very rapidly in the Part 15 commercial world. This NPRM was in response to an ARRL petition submitted on Dec. 12, 1995. The text of the Docket can be found on the FCC web site at <http://www.fcc.gov/Bureaus/Wireless/Notices/1997/fcc97010>. See page 78 in the May QST for more information. Comments are due no later than May 5, 1997, while Reply Comments are due no later than June 5.

ARRL WRC-99 Committee Proposes New Licensing Plan:-

One of the charges given to the ARRL

WRC-99 Planning Committee by the ARRL Board of Directors early last year was to study the U.S. amateur licensing structure. A full discussion of the Committee's proposals related to the U.S. licensing structure is given in March QST at page 55. Please read it and offer your comments to ARRL and to me. My thanks to all of you who have written already. I have read each e-mail and hard copy letter and noted your thoughts. My goal is to respond to each of you in the Division who have written me directly. Please remember that this is just a proposal and there is no certainty that the ARRL Board will adopt this or any other proposal on this matter. Further, it is not clear that the FCC is even interested in revising the Amateur Radio licensing and testing structure. In addition to the U.S. license restructuring matters, the WRC-99 Planning Committee of the ARRL Board was charged with the task of developing recommendations to be passed on to the U.S. Government delegation to WRC-99, dealing with potential changes in the International Telecommunications Union Rules governing the Amateur Service. This activity resulted in the survey published in QST last August, as well as an additional mail survey subjected to careful statistical controls. The results of this survey were published in QST for Jan., 1997.

ARRL VEC Pacific Division Phone Number:-

To obtain all the Amateur Radio license testing information for the ARRL VEC Pacific Division, call (408) 984-8353. Follow the menu to obtain the necessary details.

Emergency Response Institute '97 Again In Sacramento:-

You and your organization are cordially invited to participate in the Northern California Emergency Response Institute, May 17-18, 1997, in Sacramento, California. This year's Institute is once again being hosted at the Sacramento Municipal Utility District's Energy and Technology Center, and is sponsored by the Governor's Office of Emergency Service's Auxiliary Communications Service and the California Emergency Services Radio Association (CESRA). To

register, you may: (a) Visit the ERI '97 Home Page at <http://www.garlic.com/oes/eri/eri97.html>. You may download the registration form and mail or fax it back to them. The web site displays the Emergency and Technology Center site, gives transportation information, lodging and restaurant recommendations, along with links to Sacramento visitor information pages. (b) E-mail to larton@garlic.com for a registration information packet. (c) Drop a note with your registration to ERI '97 P. O. Box 301 Fair Oaks, CA 95628. Seats tend to fill fast at the Institute, so get your \$20.00 registration in early so you don't miss out. Make out checks or money orders to ERI '97. Questions? Contact Institute Director Dave Larton, N6JQJ, at (408) 778-7265, by e-mail at larton@garlic.com, or by fax at (408) 778-3101.

Continuing Avalanche of New Antenna Ordinances:-

There is a huge new wave of antenna ordinances being proposed by cities and counties. These ordinances are being driven by the spectrum auctions and by new and expanding Cellular and Personal Communications Services licenses. All of us need to be aware of this trend. When you first sense any of this action in your community, contact your Section Manager, the ARRL Regulatory Information Branch, and me immediately so that we can get help to you and the rest of the hams in your community. The key to a successful defense is to separate the commercial interests from Amateur Radio in the minds of the city officials. It's vitally important that your city or county officials understand Amateur Radio involvement with emergency communications - this story must be told repeatedly, especially before the antenna ordinance crisis develops!

Latest Band Threat News:-

The Little LEO companies were not able to advance their position at the April 7-11 meeting of PCC.III (Permanent Consultative Committee III-Radiocommunications) of the Inter-American Telecommunication Commission (CITEL) in Cartagena, Colombia. Practically none of the Little LEOs were there because their issues

were stalled in Washington where they continued to be debated as part of US preparation for the 1997 Conference Preparatory Meeting (CPM) in Geneva the first two weeks of May. In other words, they couldn't get any paper out of Washington saying anything substantive until there is agreement between FCC, NTIA and State how far they can go to accommodate the Little LEOs while balancing that against the opposition from land mobile, broadcasting, amateurs and others. The FCC is making a last-minute attempt to improve the CPM text from the Little LEO viewpoint in a small meeting on Friday, April 18. The basic decision facing the FCC is whether to give some support to the so-called 'flexible-allocation' approach (just give us up to half the spectrum below 1 GHz and trust us not to interfere) or to focus on specific bands. Then, they're likely to reassess the situation in late May after the results of the CPM are digested. Page 76, May QST contains further background information. Thanks to all who responded to the last minute plea for comments on the flexible allocation plan. The period for public comment has ended, so no additional comments on the subject will help at this time. So WHAT do we do now? 1. Continue to monitor the progress of this unfolding drama! For the latest news on this volatile issue, read QST, Pacific Division Updates in hard copy. Read ARRL Letter, Pacific Division Updates on e-mail; visit Pacific Division WWW site. Visit the ARRL home page at <http://www.arrl.org/> and select "Band Threat News." 2. Join ARRL! The ARRL is the only effective national organization fighting for YOUR 2 meter, 1.25 meter and 70 cm operating privileges. It is easy to join and help us win this battle to preserve our privileges. Think positive thoughts! 3. Contribute to the Fund for the Defense of Amateur Radio Frequencies! (See page 76 of October QST for all the details.) Unfortunately, the future of these threats is unknown. We won't be able to breathe easily about WRC-97 issues until the final gavel comes down on Nov. 21, 1997.

Last Call for 1997 Awards and Scholarships:-

The Foundation for Amateur Radio, Inc.

plans to administer sixty college scholarships for the academic year 1997-98 to assist licensed Radio Amateurs. Additional information and an application form may be requested by letter or QSL card, postmarked prior to April 30, 1997 from: FAR Scholarships, 6903 Rhode Island Avenue, College Park, MD 20740. The Dayton Amateur Radio Association is now accepting applications for its 1997 college scholarships. Amateur Radio licensees graduating high school in 1997 are eligible for \$2000 scholarships. Interested students should send a self-addressed, stamped envelope for an application to DARA Scholarships, 45 Cinnamon Court, Springboro, Ohio 45066.

Malcolm Misuraca, KO6KR, New Volunteer Counsel:-

Welcome, Malcolm, to the Pacific Division Volunteer Counsel group for the Marin County area.

Ray "Nick" Hauck, K6QPE, New Assistant Director:-

Nick, as a member of the California Senior Legislature, has agreed to provide contact and guidance on matters involving the California State Legislature. Welcome, Nick, to the Pacific Division Assistant Director group.

Coming Events:-

- Livermore Swap Meet - 1st Sunday of each month at Las Positas College in Livermore, CA. 7:00 AM to noon, all year. Talk in 147.045 from west, 145.35 from the east. Contact Noel Anklam, KC6QZK, (510) 447-3857 eves. - Foothill Flea Market - 2nd Saturday of each month from March to September at Foothill College, Los Altos CA. - The Valley of the Moon Amateur Radio Club, WB6DWY, is holding its annual ARRL Hamfest Saturday, April 26, 1997, from 8:00 AM to 3:00 PM at the Sonoma Development Center, 15000 Arnold Dr., Glen Ellen, CA. Talk-in will be on 145.35-, PL 88.5. For more information call Darrel, WD6BOR, at (707) 996-4494. - Fresno Hamfest May 3, 1997. Riverland RV Park 5 miles south of Kingsburg on Highway 99 at 8:00 AM. Talk-in 146.94-. Contact John Pritchett, WA6JWK, at (209) 222-6793. - San Joaquin Valley Section Convention May 17 - 18, 1997, at

Bakersfield CA. Contact Ed Harlander, KO6DY, at (805) 589-4163 or charlander@aol.com. See page 92, May 1997 QST for more details.

May 1997 Pacific Division Update Special

Report from John G. Troster, W6ISQ Pacific Division DX Advisory Committee Representative, DXAC

DXAC vote:-

The most recent DXAC (DX Advisory Committee) vote concerned "whether the DXAC should recommend to the MSC (Membership Services Committee), the inclusion of the following rule, to the DXCC program: "DXCC accreditation may be suspended for operations from countries or entities where Amateur Radio is specifically denied by said government. Accreditation may be allowed when said government fully recognizes and approves Amateur Radio operations". I voted No, saying in part: we don't need further regulating restrictions. There are too many already. If enacted, this regulation will further restrict innovative DXpeditioners. It will be the innovative DXpedition people who will open the doors for a legitimate operation in a country which has restricted amateur operation. Albania, Myanmar for example. Also, such a ruling here might trigger some DXCC countries being deleted from the DXCC list. Furthermore, such a ruling would be political in nature, which should not be a part of Amateur Radio. DXAC Chairman, Wayne Mills, N7NG, has not yet released the tally of the votes on this ruling.

Fresno DX Convention:-

There was an unfortunate occurrence at the DX Forum which I chaired. I was about to adjourn the meeting when K4VX, Chairman of the MSC, told me there was someone way in the back of the room with his hand up. I finally saw him and pointed to go ahead. I did not know who he was. He began talking and I copied him about a RS 2x3. I heard mention of Yemen and 70, so I guessed it was Zorro, JH1AJT, who had recently operated from Yemen with Franz, DJ9ZB, a long-time friend of mine. (Note that JH1AJT is a well known, experienced DXpeditioner who has operated from

many of the most rare spots in the world). His petition for DXCC approval of his operation was denied by HQ DXCC desk at ARRL on reasonable grounds that his license was not issued by the proper PT&T authority. So, I presumed he was speaking to give his side of the Yemen operation. Then I heard mention of P5 (North Korea). I didn't relate the two. He spoke about 7-8 minutes and we were 5 minutes over time for our Forum. When he stopped talking, I figured he had made his Yemen statement, and, I adjourned the meeting. Then I made haste to get to the room where Zorro would be holding a meeting about his Yemen DXpedition, which I wanted to hear. I couldn't get in the room. Too full. Later someone asked me why I didn't answer his question. Answer: I didn't know he had asked a question. I wrote him a note explaining the problem. Zorro is the type of DX operator who will work hard to find a way to get permission to operate from a country which does not now allow Amateur Radio. Even though his Yemen operation was not credited for DXCC purposes, he deserves the right to present his side of the story. His operation in Yemen is, in part, the answer to the DXAC vote mentioned above. He has been successful before and he will be again in some far-away place that everyone would like to work. Lesson: in a

big auditorium, get a floor mike for floor speakers to use. I know I will next time.

Beacons:-

Have you taken advantage of monitoring the NCDXF/IARU worldwide International Beacon Network? 13 beacons now in operation with 3 more to come soon and 2 more later). Monitor 14.100 - 18.110 - 21.150 - 24.930 - 28.200 MHz. How many beacons can you hear on each band? They have been put on the air during the sunspot low so you can follow them up to the peak about 4 years from now. For list of beacons and times of transmission, check the web at <http://www.ncdxf.org>. Treat yourself. Tune in.

73. John G. Troster, W6ISQ DXAC Representative Pacific Division.

TCP/IP UPDATE by ke6fse

Some important new services and events have come about in the last couple of weeks here on the network.....

1.... We are now fully gateway'd into the Packet BBS world... It is now possible to receive private BBS mail direct to your local switch automatically.... You must log on to your current BBS, and set your HOME BBS to 'ko6ri.#nca.ca.usa.noam', then send a message to 'ko6ri@ko6ri.ampr.org', asking him to forward your private mail to your local switch station, and advising him which switch station you are using... BBS bulletins are also being forwarded into the network, but only as far as the Fresno Gateway/switch... This due to the incredible amount of traffic it would place on our network if they were to come across our backbone.... You can read all you favorite bulletins by logging on to 'csufres.n5uyi.ampr.org' via TELNET, or the 'BBS' command from the Modesto Switch, or the 'fresgw' command from the Sonora and Stockton Switches..... To send BBS mail, just send as you would from your favorite BBS....

username@fullbbsaddress.... EXAMPLE: N6KMR@KD6JZZ.#NCA.CA.USA.NOA M..... The Stockton, Modesto, Sonora, and Fresno switches have been programmed to send these type of addresses to the gateway for forwarding into the BBS LAN.... This service was made possible by an agreement worked out between Our Internet Gateway Operator (N5UYI), and the operator of the BBS gateway in Sacramento (KO6RI).....

2... The link to Fresno Gateway has been returned to it's formerly reliable status. After weeks of remote tracking from this end, and local help from the Fresno end, the Renegade radio causing the link problems was identified, and replaced.... It has operated a couple of weeks now, and appears to be performing perfectly now.... Many thanks to Patrick (N5UYI) for making the 'switchout' on the problem radio in Fresno.....

3... Many new Internet Mail lists have been brought in to the network at the Stockton Switch. These will not be forwarded in mass to the other switches as the resulting load to the backbone would be excessive... They are however

SARA Membership Application

Call : _____ Date: _____

Name: _____

Address: _____

City & State: _____

Zip Code: _____ ARRL Member?: (yes) (no)

Home Phone: _____ Alt Phone: _____

Occupation: _____

Date Of Birth: _____ Clas Of Lic: _____

Year First Licensed: _____

Dues: Renewal \$23.00 per year. Out of area more than 150 miles from Modesto is \$11.00. New first time applicants dues are pro-rated from the month you join the club. Use \$1.91 times the number of months remaining in the year. I.E- You join in July = 6 x \$1.91 = 11.46

SARA repeaters are, on MT.OSO... 2mtr > 145.390 pl 136.5, 220band > 224.14 pl 136.5, 440 band > 440.225 pl 136.5, 6mtr. > 52.800 , packet> SARA> 144.91 and 145.65 TCP/IP&ax25 radio mailbox & Internet e-mail... Internet address > Sara@modesto.n6kmr.ampr.org Web page > HTTP://WWW.joshuanet.com/~n6kmr/index.html CHECK US OUT....

available at the Stockton Switch for anyone who wishes to read them.... From any Switch station 'telnet stockton.ke6fse.ampr.org'.....

4... A third test of TNOS for DOS has taken place... and ended in failure... While it appears that the serial port problems, and other misc bugs have been solved, the problem of bad calls to the DPMI server (MEMORY HANDLER) has not been solved.... The most I was able to achieve this time was 1.5 hours at sustained heavy use before it crashed repeatedly.... The reason for this continued testing is that TNOS offers so many more services than JNOS. As the new versions of TNOS come out we will continue to find a stable version in order to offer more and better services to our users...

With that, it is time to retire for tonite.... DON'T FORGET TO SET ALL YOUR CLOCKS UP ONE HOUR TONITE>>> Also.... Reset your computer's time forward one hour so that timed events function properly in JNOS.... For those that use the TIME SERVER at Fresno to update your system clock, change your 'TZ' variable from PST to PDT

later.... Tim.....ke6fse

STANISLAUS AMATEUR RADIO ASSOCIATION

March 18, 1997

The regular meeting of Stanislaus Amateur Radio Association was called to order at 7:40 P.M. by President Ed KF6FIR. Introductions were performed and there were 19 people in attendance. Officers' reports. Treasurers' report-Bob KC6TVE reported, total year to date income \$1596.50. Expenses \$548.31. check book balance \$4200.57. equipment fund \$728.20. Bob also wanted to remind everyone that renewing their ARRL membership or signing up through SARA gives the club extra income, a percentage is donated to the club. This helps the club to maintain the repeater and equipment and upgrade when needed. Technicians' report- Due to an accident Leroy was absent. Presidents' Report- Old business Ed KF6FIR reported that the new Call sign of W6ERE is now the club's new additional call sign. Work shops coming up will be: April Shack safety. Jim

N6UGH is the chair for field day. Field day is June 28th and 29th 1997, please mark your calendar. New Business- Ed KF6FIR reported that Leroy fell off a ladder at his church and broke his elbow in 10 pieces. The SARA club will send him a get well card. Bob KC6TVE reported that he has the subscription cards for the World Radio Magazine. The Canyon Classic bike a thon is coming up April 26. Approximately 10 hams will be needed to help communications. Tony KE6YAZ is the coordinator so please contact Tony if you would like to help. Jim N6KMR reported that the transmitter was replaced in Fresno and everything is up and running again. Mike W7MH reported that the Field Day is always the 4th full weekend in June. Mike has also offered to conduct guided tours of the ISDN TI site in Modesto, if you are interested in a tour contact Mike so he can set up the tour times. He can only take 6 people per pre-arranged tours and this is for a limited time only. The tour will be approximately one hour in length. This is a rare opportunity to enter this secure environment, and see what happens when you connect up to the internet. There was also a discussion about our own line for internet for direct hook up. Thank you to Mike for setting up permission for the tours. Suggestions- Ernie W5NH suggested that repeater etiquette should be addressed. Some people are not letting the courtesy tone come on before they key up and other mistakes are in evidence. Barbara KE6SUM suggested that we could maybe learn more about passing traffic on the nets and what that means. Motion was made by Jack KE6SUO to adjourn seconded by Jim N6KMR. Meeting adjourned at 8:03 PM. Break at 7:55 P.M. for 15 minutes 8:15 PM Work Shop followed. Work shop-Ernie W5NH and Ed KF6FIR each set up a packet station so they could talk to each other over packet keyboards. Questions were asked by the members who wanted to learn more about packet radio and demonstrations were given. Respectfully Submitted by Barbara KE6SUM. Secretary

STANISLAUS AMATEUR RADIO ASSOCIATION

April 15, 1997

The regular meeting of Stanislaus Amateur Radio Association was called to order at 7:33 P.M. by President Ed KF6FIR. Introductions were performed and there were 17 people in attendance. Officers' reports. Duane KF6BPA reported on his trip up the hill with Leroy NV6S, the incode and decode for the 6 meter needs to be put back in. Help will be needed in a couple weeks when they go back up the hill and chop down the weeds by the equipment. Treasurers' report-Bob KC6TVE reported, total year to date income \$1953.00. Expenses \$1412.70. check book balance \$3692.68 equipment fund \$728.20. Bob reported that the renewals are still coming in and time to renew is now. Technicians' report-KF6BPA Duane gave the technicians report. Presidents' Report- KF6FIR Ed. reported that trouble shooting was the topic for tonight's workshop. Old Business-Tony KD6YAZ reported on the walk-a-thon for MS. He said that the event had no problems and they had a great turn out and they could use help next year. Jim N6UGH. reported that he has two possible locations for the Field Day event this year and he has been working on door prizes. He will check on the Highway 4 road conditions New Business- The Canyon Classic bike a -thon is coming up April 26. Approximately 10 hams will be needed to help communications. The March of Dimes walk-a-thon is also coming up on the same day. The Tour De Cure is in May and Tony KD6YAZ is the coordinator so please contact Tony if you would like to help. Duane KF6BPA. is now in charge of the Thursday evening net on 2 meters and he is working on a new method for the net and to shorten the roll call. Duane KF6BPA made a motion to shorten the nets and seconded by WA6GJT Larry. KF6FIR Ed. reported that he would like to put on some fox hunts in the coming months. Also reported was the fact that the Stanislaus County Communications had some radio's stolen and they are being used by the thieves. Please call 525-7911 if you have any information. They are using these frequencies input and output as follows: 159.210 158.730, 155.745 158.865.

155.820 155.115.

Meeting closed at 7:53 P.M. Refreshments and work shop followed. Respectfully Submitted by Nanette KF6BOZ, Secretary Pro Tem Barbara KE6SUM, Secretary

Hello all, by Ed, kf6fir

*note after banning him off the repeater I finally got him to write his article.... ha ha ha ... de Editor

Just a few notes as to whats been going on as of late...

*** Of Special Interest**

*** Ham Classes**

SARA has help to sponsor a class for new Novice, Tech, and Tech Plus hams. WG6M Al (Code), W7MH Mike, N6UGH Jim and KE6VET John helped teach the class. I would like to thanks all who helped in this project and made it possible! The class started on February 12, 1997 and the students will be taking their test on April 30, 1997. The students seem to be very enthusiastic about their new hobby and I am sure we will hearing from them before we know it. So help welcome them on board, as they start out on their lifelong hobby!

*** Internet Address**

As most may be aware the SARA club now has a location on the net (<http://www.joshuanet.com/~n6kmr/index.html>). If you have check this location out as yet. I suggest you give it a look. It has gone through quite a few changes and is look very professional. You can be proud of how your club is being represented on the net.

*** Using a PC sound Card with your Radio**

In the February 1997 issue of QST on page 28, an article was presented regarding using a PC sound card with your HF radio. It focused on the programs allowing you to see the audio spectrum coming from you radio. The article did a good job of informing the reader about the programs mention in the article, but was a little frustrating in it's neglecting to mention how to hook the radio into the

PC. After some surfing on the net, I have found a diagram showing the connection. Basically, connect the speaker output from the radio into the left channel of the sound card (either through the Mic or Line-in ports).

*** Work Shops**

*** J-poles**

In February we had the opportunity to see a good variety of styles of J-poles. We even have handouts on construction of the various antennas. The were the standard copper tube j-pole, a CB whip converted into a j-pole, a super j-pole, and a tri-band j-pole. We even had a portable tripod for mag mount antennas show up.

*** Packet**

In March we talked and demonstrated Packet radio. Despite some small clinches, the work shop was well received.

*** Shack Safety**

In April we had a round table discussion regarding shack safety. * Events

*** MS Walk-a-thon**

On April 6, 1997 some the member volunteered to help with the annual MS Walk-a-thon held in Modesto. We started about 8:00 am and finished by 2:00 pm. Our help with radio communications was greatly appreciated. The event was very well organized and ran smoothly.

*** Canyon Classic**

This a Bike-a-thon to take place on April 26, 1997

*** March of Dimes Walk-a-thon**

This is a Walk-a-thon to take place on April 26, 1997

*** Fox Hunt**

Some time in the upcoming months I plan to organize a fox hunt. This will consist of a fox (someone with a transmitter) and the hunters (everyone else). For those of you who have not participated in one of these before, we will hide the transmitter somewhere in the general area of Modesto/Ceres. We will then inform the hunters what frequency to look for and allow them to hunt down the transmitter. Simple. huh? Well the trick is to be able to triangulate on the signal, zero in on the

location, then when you are close (and this is probably the hardest part), attenuate the signal enough to still correctly triangulate and find the radio!

*** Opportunities**

*** Modesto Police Department**

The Modesto Police Department has asked for our help in recovering some radio stolen from two county vehicles. The scum who stole the radios have been causing interference with some the county frequencies. We have been asked to basically conduct a fox hunt on those frequencies, but not to approach the people using the radios. If you would like to help with this search please contact KF6FIR for more information.

*** Personal Note**

As a personal note, I am proud I can share my hobby with my daughter. She is in the class sponsored by the club and will be taking her license soon. As for myself, I have just completed the 5wpm code test and upgraded to a Tech Plus. I hope to pass the 13wpm code test sometime in the near future. Hope to hear you on the HF band as well soon.

73's KF6FIR

WAS FUN WHILE IT LASTED

"As Grandpa was being rocked in his automatic rocking chair he looked over to where his grandson Mike was playing on the floor and said, "You know Mike I can remember when we used to talk to each other over the radio. Yes sir, all you had to do was buy a radio and put up an antenna or a wire and you could talk to anyone else who had a radio out there on the air waves. Amateur Radio it was called."

Mike's mom called from another room. "Mike, what is your grandpa talking about now?"

"Not sure mom", Mike said. "It was something about talking on a Radio with a wire or whatever it was he said. Not sure what it was all about. Anyway, is supper ready?"

"In just a few minutes," came the reply. "Go and take your grandpa to the

Ultrasonic Unit and you and him wash up will, ya? While you do that I will finish putting flavoring on our meal pellets. You want red ones again tonight?"

"Sure mom", answered Mike as he pressed the buttons on the side of Grandpa's rocking chair to turn it into a electronic wheel chair. As the rockers retracted and the wheels came down and made contact with the floor Mike started to steer his Grandpa toward the Cleanroom.

As Mike and Grandpa entered the Cleanroom Grandpa started again. "And we talked in Code too. I was slow at first you know, but when I got the hang of it, boy did I have a fist. I could bang out CW with the best of them."

Mike turned the wheelchair toward the Ultrasonic Unit, adjusted the nozzles, turned it on. As it hummed softly Mike looked at his Grandpa. "Grandpa we don't have Radios any more we have Inter-Vision now. Anyway what's banging out CW mean?"

Grandpa's eyes brightened. "Code, my boy, Morse Code. Using dots and dashes, to send messages to other people. A Code that only a few hams ever mastered, but a lot of hams had to learn it though!"

"Grandpa," said Mike. "Sometimes I think that you are really neat. But, then sometimes I think your losing it, like right now. You talk about things that make no sense. Code, CW, fist banging, radios you talk on. You ok Grandpa? What is this Amateur Radio stuff about anyway?"

"Come here my boy," replied Grandpa, with a smile on his face. "Let me tell you about the good old days of Amateur Radio. You see, now days when you want to watch or listen to Inter-Vision. You put on a set of Vision-Glasses and tell the computer what you want to see and the pictures are beamed right into your eyes so as you get the feeling that you are really there and taking part in what is going on. And the sound is sent to your brain by ultra-waves thru the bones in your head. That way only you can hear what is going on."

"You know, when I was a boy your age we had Television, sort of like your

Inter-Vision now days. TV was a big box with a glass screen in the front that the pictures were beamed on, instead of on your eyes like they do today. And you had to sit clean across the room to see the thing and the sound was sent to your ears by sound waves."

"I saw a picture once at school of a Television, Grandpa. Really gross looking and we were told that the noise was real bad!" added Mike

"Well son that's true cause that was before the Clean-Ear Act of 2010. But, did you know we also used to have a thing called Radio too, before Television. Radio was like your Inter-Vision, but without pictures, just sound. We could listen to music and stories, and the news, all kinds of stuff. But then, we also had what was called Amateur Radio in which a person like me could buy a radio and we could actually talk on. And we could talk to others that also had a radio, like you and I are talking now, but the other person could be on the other side of the world!"

"But," Mike said, "Nobody does any thing like that any more Grandpa. All you have to do is put on the Vision-Glasses and tell the computer who you want to talk to by telling it the number of the other person or the name of the show or the channel you want to watch and you can see and hear them. Our teacher said things like Television and the stuff you are talking about is obsolete, old stuff no longer in use."

"Yea, but it was fun while it lasted," said Grandpa with a far-away look in his eyes. "I can still remember when we Hams, as we were called, started to lose the use of our radios."

"It all started with"
End of Part One. To be continued next month. John KE6VET

Jokes:

Be Careful with you cup Holder... Daily Humor:

True story from a Novell NetWare SysOp:

Caller: "Hello, is this Tech Support?"

Tech Rep: "Yes, it is. How may I help

you?"

Caller: "The cup holder on my PC is broken and I am within my warranty period. How do I go about getting that fixed?"

Tech Rep: "I'm sorry, but did you say a cup holder?"

Caller: "Yes, it's attached to the front of my computer."

Tech Rep: "Please excuse me if I seem a bit stumped, it's because I am. Did you receive this as part of a promotional, at a trade show? How did you get this cup holder? Does it have any trademark on it?"

Caller: "It came with my computer. I don't know anything about a promotional. It just has '4X' on it."

At this point the Tech Rep had to mute the caller, because he couldn't stand it. The caller had been using the load drawer of the CD-ROM drive as a cup holder, and snapped it off the drive.

* YOU MAY BE AN ENGINEER IF... *

If you stare at an orange juice container because it says CONCENTRATE

If your wrist watch has more computing power than a 486DX-50

If you can quote scenes from any Monty Python movie

If you can name 6 Star Trek episodes

If your spouse sends you an e-mail instead of calling you to dinner

If your idea of good interpersonal communication means getting the decimal point in the right place

If you look forward to Christmas only to put together the kids' toys

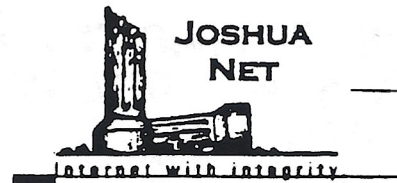
If you use a CAD package to design your son's Pine Wood Derby car

If you have used coat hangers and duct tape for something other than hanging coats and taping ducts

If you window shop at Radio Shack

If your ideal evening consists of fast-forwarding through the latest sci-fi movie looking for technical inaccuracies

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See our Web Page. www.joshuanet.com/~n6kmr/index.html

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THE READOUT

!! READ ME ... IMPORTANT INFORMATION HERE !!

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ARRL membership may be paid through SARA with the club recieving a \$2.00 commission. Please send your ARRL membership form along with your check to SARA, we will deduct the commission and place your membership with theARRL.

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Next Meeting Is May 19, and also June 17, 1997 At 7:30 pm & You're Invited to come to the Stanislaus County Ad. Biulding downstairs in the conference room....

Next Meeting Ugenda -> Do Women sound better than Men?