



ORANGE COUNTY AMATEUR RADIO CLUB

VOL. XXXI NO. 4

P.O. BOX 3454, TUSTIN, CA 92681

APRIL 1990

APRIL 20 PROGRAM

**COME VISIT WITH
THE PEOPLE FROM
YAESU !!**

**SEE WHAT IS NEW
7:30 PM**

CLUB BOARD OF DIRECTORS

President	Chris Breller	KJ6ZH213-866-2077
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Member at Large	Frank Smith	WA6VKZ	
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CLUB APPOINTMENTS

Club Historian	Bob Evans	WB6IXN 543-9111
W6ZE Trustee	Bob Eckweiler	AF6C	639-5074
R.F. Editor (Act.) ..	Mark Stanford	KJ6JC 991-7398
Refreshments	Jane Breller	nOne	213-866-2077

CLUB FUNCTIONS

MONTHLY MEETING: 3rd Friday of each month, 7:30PM at:
MERCURY SAVINGS & LOAN TUSTIN, CA.
APRIL 20th 1095 Irvine Blvd. (4th St. becomes Irvine)
Talk-in on 146.55 MHz

May 18th

(Take the 4th St. exit of the 55 FREEWAY
and head east. Continue about two blocks
past Newport Blvd. It's on the left.)

CLUB BREAKFAST: 1st. Saturday of each month, 8:00AM at:
DENNY'S RESTURANT
May 5th 2314 E. 17TH Street
Santa Ana, CA. (714) 543-0872
June 2nd (Second building west of the Newport (55) Freeway)

CLUB NETS

BAND	MODE	DAY	LOCAL TIME	FREQ MHz	SPLIT	PL	OPERATOR
2 Meters	FM	Wed	2100 hrs.	146.550	splx	na	WB6IXN
15 Meters	SSB	Wed	2000 hrs.	21.375*	splx	na	KD6XD
15 Meters	CW	Thu	2000 hrs.	21.175*	splx	na	WB6IXN

(Listen for W6ZE, net control) *Plus or minus QRM

ARES DISTRICT NETS

2 Meters	FM	Mon	1900 hrs.	146.220	-600	1A	N6HQI	1
2 Meters	FM	Mon	~1915 hrs.	145.340	-600	4Z	WA6VKZ	2
2 Meters	FM	Mon	1930 hrs.	noted	splx	na	noted	3

1 - ARES Info net. 2 - ARES District 3 net starts after info net is completed (Usually about 1915 hrs).

3 - City nets; Orange: 146.565, N6DNF; Tustin: 146.505, WA6VKZ; Santa Ana: 147.585, W6HHC

VOICE VIA PACKET RADIO!!??!!

R #6660, 14 lines from WA6RWN 3/27/90 6:25 am

To: ALL @ ALLUS Re:(B) Voice Communications via packet!

IF you're bored with the same old text conversation mode on packet and ready for something new, you must obtain a copy of the file: PAKTLK.EXE. This file tells all about how you can "talk to and hear" the station you are connected to and also gives a demonstration of what it sounds like. You won't believe your ears! If interested, you can find the demo file on Compuserve, in the HAMNET forum in either Library 0 or Library 9. It is well worth the download!

If you have an IBM compatible and are ready for a new mode of operation on packet, then read this!

I have developed a digital voice communications system for packet. This system is designed for IBM compatible computers only, but I would consider writing the software for any other popular computer if there is enough demand for it.

This system is 100% compatible with any tnc because the digital audio is first converted into a standard ASCII format which the tnc treats as if it was receiving text data. There are no control codes sent to the tnc. As the receiving stations tnc passes this ASCII data to the voice program, it is converted back to the digital audio state just as it was created. It is then played out through the built in speaker in the computer. The audio quality is not compact disc quality, but it is communications quality considering the size of the speaker! There are provisions to have the received audio played out to an external speaker through the digital interface rather than using the internal speaker in the computer. This is easily done with an additional command on the command line when the program is first run.

The thruput of this digital audio of course depends on the number of hops there are in the connection. A typical 1 hop connection for example, will take approximately 2.5 seconds for each 1 second spoken, also assuming there were no retrys. On a simplex connection it is considerably quicker.

This type of communication can also be used in a BBS voicemail application. Because the data is being sent in an ASCII format, any message system that is setup to store and forward text messages can also handle voice messages.

I have been testing this packet voice system along with 2 other stations, 2 of us in San Diego, the other up in Visalia (2 hops away), with perfect results. I also have a phone modem version that works the same as its' packet counterpart, but with much faster thruput due to the fact that the data over the phone modem does not have to be converted to ASCII before transmission.

The PAKVCOM (packet version) and VOICECOM (phone version) is available now. If you would like to download a demo of what this system sounds like, leave a message to me at AA6QN, along with your QTH. If you are a user of Compuserve, the demo for packet can be found in the HAMNET forum in either Library 0 or Library 9. The phone version can be found in the CB forum in Library 1 (unless it has been moved).

73's, Greg - WA6RWN

*** ON THE NETS ***

3/7 2m phone net- W6ZE/IXN checks in LAB, BPX, RE, NG7D, VPP, PFA, DLA, AF6C, HHC, & ZH. LAB checks in early after a long day at the 'salt mines'! The 'Ken & Bob' show, 'fly in & fly out'! BPX rakes leaves, catches up on his reading, & visits the chiropractor tomorrow. RE informs us of frequency changes in the 2m & 7cm beacon sub-bands, & that G. West will be conducting theory lessons on 28.333 MHz Tues. eves at 7:00pm. NG7D & CEA meet on the CW net last week, & John suffers frm bronchitis & a lousy 12m band! DLA is 'pooped out' after his hasty trip to Houston, TX. OPs reported hum on DLA's sigs..hum not heard at IXN's QTH! PFA reports VPP's revamped mike is doing a gud job, & Tom continues to wrk gud DX on 10m Europe-way! NØNE is in bed, & ZH rpts no FD site selected as yet! 3/8 15m CW net- IXN & family journey to EZS & JSV's QTH fer dinner & the CW net. W6ZE/IXN, wid JSV on the side, checks in NG7D. During 2nd go-arnd, JSV's 430 loses RF output after shrieking loudly to NG7D! Further info. will come your way on Chapt. 2 of 'The Errant 430'! 3/14 2m phone net - W6ZE/IXN checks in BPX, RE, VPP, JSV, NG7D, DLA, ZH, & XO. BPX 'overdoes it' as he spreads 20 bags of 'Chenelle #2' in anticipation of rain Sat. RE plays informative Newline tapes, & tells us abt Jim Kingsbury, LFF/NS6W's XYL having a hip replacement! VPP remembers Little Johnny Applesseed only slightly as he remarks abt facial skin cancer treatments on the XYL. JSV tells Bud that he recently had ± 25 skin growths liquid nitrogened by the Dermatologist & Jim gets a call frm a quadraplegic ham, Rick Pfof, who needs help assembling his station. JSV will pick up a crew at meeting. DLA's XYL performs in 'The Glory of Easter' at Crystal Cathedral, & Bruce invites all to see it. & DLA also attends Red Cross Emergency Comm. classes last Sat. ZH informs all abt the ailing 'Intel-6' satellite, & XO releases a date of Oct. 7 fer the next CA. Classics equestrian events, after returning home frm a Westminster RACES meeting. 3/21 2m phone net- W6ZE/IXN checks in ZH, RE, JSV, YZG, DLA, UJD, & PFA. IXN ends QSO of NR6V & LGL as net is called to check in. ZH rpts on status of FD sites. UJD suggests further checking wid City of Tustin. ZH OKs UJD to make further contacts. JSV, IXN, & bro, Lee, visit Rick Pfof's QTH, & will put up PFA's 10m ant. in Rick's garage in the near future. YZG reports XYL, Fran, has a toxic problem wid her blood pressure medicine, Cardene! DLA is packing fer a trip to El Paso, as he informs OPs that he & UJD attended RC Communications class, & Bruce further wrked a track meet fer the City of Orange along wid PFA. PFA reports his new ATV station is working FB! 3/22 15m CW net- W6ZE/IXN checks in CEA & ULU. CEA experiences the usual 'gobble-de-gook' computer probléms as he tries to copy CW to the monitor. IXN lets his sigs drop to the QRN level at ULU's QTH, & Lloyd gets some QRM. ! Sri abt that, Lloyd! 3/28 2m phone net- W6ZE/IXN checks in BPX, NG7D, RE, YZG, VPP, DLA, NNU, PFA, ZH, JSV, & XO. Blanche & BPX will soon celebrate their 57th wedding anniv. ! RE airs the Newline tape, tells us solar flux is dwn, & that FCC is catching hamband 'bootleggers' in our area! We welcome KA6NNU, Hank, to the net! Hank lives abt 100+ miles frm us, at the foot of San Gorgonio Mt, in Calla Mesa. NNU used to live in the Tustin area. NG7D has a QSO wid Rick Pfof on the twisted pair! Rick's call is KB6BWF. John has conquered his virus, & worked sum gud DX last weekend. YZG hears NNU wid 60 DB over sigs, & Lu tells us that Fran is ill wid a virus. VPP's XYL is undergoing radiation treatments fer a skin cancer, & Bud gives NNU a +10 sig rpt. XO informs ZH that Centennial Park in SA, may be available fer FD. ZH gives XO the OK to pursue this possibility, while we await the City of Tustin decision. NNU travels to N. Mex. & talks wid a 2m link covering most of AZ & NM! PFA reports Hank is full quieting at the QTH, & Tom has the 10m ant. ready fer JSV to pick up, as PFA has yet to get color on the new ATV screen! ZH relates UJD's progress on an FD site wid the City of Tustin, while nØne works in the kitchen & prepares to move to a new job. JSV & EZS enjoy an old-fashioned chicken dinner & talent show at the Church.

ALLR ACCELERATING TOWARD WARP-92

The ALLR (American Lunatics Linking Radios) announced its goals for amateur radio at the international WARP (World Administrative Radio Proceedings) in 1992 at Geneva. Executive Director, Dave Summers, K1ZZZZ, outlined the ALLR's objectives at a press conference Friday, following his afternoon nap. He said "If you thought we gained spectrum in WARP-79, wait until you see what we do at WARP-92! In a nutshell, we want to restore all ham bands back to they way they were in 1928. In other words, we used to have everything above 300 meters, and now we want it back!" Summers was asked by a reporter if he considered the impact of this proposal - for example, broadcast TV is located above 300 meters. Summers said that TV really wouldn't be missed. TV is one of the big distractions that keep kids from becoming hams. Summers said that Barbara Bush supports this idea - without TV, kids will learn how to read, and her fight against illiteracy will be won.

In order to win this ambitious proposal, Summers said that he will need lots of money to pull it off. The ALLR has set up a special "WARP Drive" to raise nearly \$1 million for this cause.

DX BULLETIN

CATALINA ISLAND - Under a swirl of controversy, the ALLR DX Advisory Committee narrowly approved a resolution that will add Catalina Island to the DXCC Country list. All contacts made after April 1, 1990 with the island off Southern California will earn DXCC credit. The committee made this decision on the reasoning that "Hey, if Hawaii is a DXCC country, why notatalina Island?" Due to the island's proximity to the Los Angeles area, numerous DXpeditions are planned. Some estimate that 50% of the hams in L.A. will visit the new "country" in the first year. A reminder - contacts made through the Catalina Island 2 meter repeater do not count!

LONG ISLAND, NY - Following the DX Advisory Committee's decision to add Catalina Island to the DXCC list, hams in Long Island, New York have asked the committee to add Long Island to the list. They said "Hey, we are as much of a country as they are!" As we go to press, Rhode Island is also applying for DXCC country status.

GORDON EAST CW COURSES NOW ON COMPACT DISC

The Gordon East Radio School has unveiled its morse code learning tapes on special, digitally mastered Compact Discs. Gordon East, K2NOA, said that people will probably pay the extra \$10 for the CD's because "there is no background noise and no distortion - plus - they can skip from lesson to lesson without fast-forwarding or re-winding." The CD's will sell for \$20.95 each.

NEXT WEEK IN THE WB6OWD REPORT

- * Frank Feline, K9CAT, teaches his pet cat tomeow in Morse Code.
- * The FCC proposes new "No-mode" Commoner Class license. No test is required. Without any modes of operation, the Commoner Class license allows no transmitting.
- * Wayne Green, publisher of 73 Magazine says that he is scrapping plans to create a new ham radio periodical called 88 Magazine.

"RF"

ORANGE COUNTY AMATEUR RADIO CLUB

April 1990

MINUTES GENERAL MEETING - 16 MARCH 1990

The meeting was called to order by President Chris KJ6ZH at 7:31 pm. Board members Mark, KJ6JC and John WA6LAB were absent. There were 34 members and guests present. Correspondence: Chris received a letter from a person in Cypress who would like to take a radio class - Chris will contact him. Affiliated club questionnaire was sent to ARRL. Old Business: There will be a Field Day meeting at the QTH of Chris KJ6ZH on Sunday to discuss possible sites. New Business: ARRL has appointed Lloyd WB6ULU as HF Awards Manager for 5 Band WAS verification. Good of the Club: Ken W6HHC needs group photos of club for historian book. That was done at the end of the meeting. TVI chairman still needed. Treasurer's Report: \$270.30 checking \$851.72 Savings. Corky talked about the SET and other upcoming events. OC RACES meeting Monday April 2 will feature Bob Berg EC for Anaheim giving a slide presentation of the SF earthquake. NEW MEMBERS: Don Bourne KB6TVK, Frank Etter KE6ZW, K.P. Kelly KI6LC, Ralph Upton W6LYT. VISITORS: Burt Barron WA6JQC and Walt Wilson N6VTB. Meeting adjourned 9:12 pm. Respectfully submitted, Bob KD6XO Secretary.

QST QST QST QST QST QST QST QST QST QST QST

OCARC member Bill Nash, W6ATU, had his car stolen on March 16, 1990. The car is described as a 1969 Mustang, Red-Orange in color, with a license plate number of 1HMH193. It was stolen between the hours of 2100 - 2300 from in front of his home at 471 S. Olympia Way in Orange. Bill is offering a reward of \$100 for information leading to its return. Please call (714) 997-1784 if you can help.

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FIRST CLASS MAIL