



# RF



## ORANGE COUNTY AMATEUR RADIO CLUB

VOL. XXIX NO. 8 P.O. BOX 3454 TUSTIN, CA.

AUGUST 1988

QSL, DUDE, ON  
HAMCON! BUT  
WHO IS WOUFF  
HONG???



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HAMCON is on the horizon! Read the information sheet inside this months RF!

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### PROGRAM FOR AUGUST MEETING

Wayne Keeney, N6CCU, will be our speaker for the August meeting. Wayne is blind but has obtained his Extra Class license through the HANDI-HAM program. Wayne will visit us with his wife, who is also a HANDI-HAM. He will talk about the HANDI-HAM program and camps. de Ron ... KB6EZP.

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1988 CLUB BOARD of DIRECTORS

President .....	Ken Konechy .....	W6HHC .....	541-6249
Vice President	Ron Toering	KB6EZP	971-5180
Secretary .....	Mark Stanford .....	KJ6JC .....	991-7398
Treasurer	Frank Smith	WA6VKZ	730-7142
Activities .....	John Roberts .....	WA6LAB .....	540-7368
Membership .....	Chris Breller .....	KA6IMP .(213)	866-2077
Public Relations	Lu Hurlbut	K1YZG	832-8386
T.V.I. Chairman .....	Kei Yamachika .....	W6NGO .....	538-8942
Member at Large	Jim Talcott	N6JSV	838-5395
Member at Large .....	Will Galusha .....	WB6GDZ .....	897-3376

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 CLUB APPOINTMENTS

Club Historian .....	Bob Evans .....	WB6IXN .....	543-9111
W6ZE Trustee	Bob Eckweiler	AF6C	639-5074
R.F. Editor (Acting) ..	Mark Stanford .....	KJ6JC .....	991-7398
Teen Representative	<open>		

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CLUB FUNCTIONS

MONTHLY MEETING: 3rd Friday of each month, 7:30PM at:  
 MERCURY SAVINGS & LOAN  
 AUG 19th 1095 Irvine Blvd. (4th St. becomes Irvine)  
 Tustin, CA. Talk-in on 146.55 MHz  
 Sep 16th  
 Oct 21st (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, 8:00 AM at:  
 LE GRAND CAFE  
 Sep 3rd 2525 N. Grand Avenue  
 Santa Ana, CA. (714) 997-5393  
 Oct 1st (1-1/2 blocks south of the 22 Freeway)

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CLUB NETS

BAND	MODE	DAY-of-WEEK	LOCAL-TIME	FREQ MHz	OPERATOR
2 Meters	FM	Wednesday	2100 hrs.	146.550	W6HHC
15 Meters	SSB	Wednesday	2000 hrs.	21.375*	WB6IXN
15 Meters	CW	Thursday	2000 hrs.	21.175*	KB6NAX
(Listen for W6ZE, net control)				*Plus or minus	QRM

ARES DISTRICT NET

2 Meters	FM	Monday	1900 hrs.	145.220(-)	1A	ARES INFO
2 Meters	FM	Monday	1915 hrs.	145.340(-)	4Z	ARES DISTRICT 3 (WA6VKZ)

".....the PREZ SEZ....."

by KEN/W6HHC

The ARRL CONVENTION is to held at the Disneyland Hotel during the Labor Day Weekend (Sept 2-4, Friday evening thru Sunday noon). These conventions are an important source of income for the OCARC, and will most likely keep our club funded for several years. As you probably know, the OCARC has responsibility to provide the SECURITY during the convention. I need YOU to volunteer to help for a few hours during this weekend.

I need as many volunteers as possible to work 4.5 hour shifts throughout the week end. Ideally each member can volunteer to work a shift on 2 out of the three days. Most positions need to have either a 2-MTR or 220 MHZ HANDHELD Tranceiver. If you don't own one, maybe you can borrow one from a friend for the weekend. Don't forget to have a fully charged spare battery for each shift that you work.

The types of assignments include:

- \* 1 or 2 people manning the Security Headquarters Room.
- \* 2 people manning the entrance to the Exhibition Hall.
- \* 1 person manning a Lost-and-Found/Registration-Security table.
- \* 1 person as a "rover".

The hours for the slots are:

- \* FRIDAY: 4 PM to 8:30 PM (NO EXHIBITS ARE OPENED)
- \* SATURDAY: 8:30 AM - 1 PM, AND 1 PM - 6 PM
- \* SUNDAY: 8:30 AM - 1 PM

Please give me a telephone call (541-6249) to let me know which shifts you can work for this very important event. You don't have to register for the convention in order to work there, but then you won't be eligible for any prizes. I encourage everyone to support this convention by also registering. The cost of Registration is \$12 at the door (\$25 more for the banquet). I hope all of you win some of the prizes!!!

Finally, you may have already heard that the FCC decided on Aug 5 to Take the frequencies of 220.0 - 222.0 away from HAMS. The ARRL plans to appeal this decision. However, if enacted HAMS would most likely have to vacate by the end of 1989.

de KEN/W6HHC

FROM ARRL HEADQUARTERS  
NEWINGTON CT AUGUST 8, 1988  
TO ALL RADIO AMATEURS BT

FCC TODAY ADOPTED A REPORT AND ORDER IN GENERAL DOCKET 87-14, THE PROPOSAL TO REALLOCATE THE 220 - 222 MHZ BAND TO THE LAND MOBILE SERVICE. IN BALANCING THE IMPACT ON EXISTING USERS, EMERGENCY COMMUNICATIONS, AND FUTURE AMATEUR GROWTH AGAINST LAND MOBILE REQUIREMENTS, THE COMMISSIONERS CONCLUDED THAT THE REALLOCATION WAS IN THE PUBLIC INTEREST DESPITE OVERWHELMING OPPOSITION. WISHING TO REASSURE AMATEURS OF ITS STRONG SUPPORT FOR THE SERVICE, FCC EMPHASIZED THAT THE REMAINING 3 MHZ OF THE BAND, 223 TO 225 MHZ, WOULD BE AVAILABLE TO AMATEURS ON AN EXCLUSIVE BASIS, THUS REMOVING THE CLOUD THAT HAS HUNG OVER THE STATUS OF THE BAND FOR MANY YEARS. THE EFFECTIVE DATE OF THE REALLOCATION IS NOT EXPECTED TO TAKE PLACE UNTIL SOMETIME IN 1989.

ARRL CONTINUES TO OPPOSE THE REALLOCATION, AND WILL PURSUE ALL AVAILABLE MEANS TO REVERSE THE COMMISSION ACTION AR

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MINUTES OF OCARC MEETING - JULY 15, 1988

- \* Meeting was called to order at 7:30 PM. A total of 26 members were in attendance.
- \* The program was presented by Bert Ayres - W6CL on the wonders of spark gap transmitters. Bert set up a demo with a Atwater-Kent receiver and a home brew 180 watt spark gap transmitter. It was loud!! Bob/AF6C claimed that he could hear it from 2 blocks away!! Some interesting notes are:
  - Bert was first licensed as "6CL" in 1923.
  - The demo transmitter used 18,000 volts and was tuned for the 190 Meter band.
  - The spark wheel had many teeth and spun at 3600 RPM to produce about a 500 Hz "tone" on the air.
  - Bert's longest spark QSO was San Francisco (from L.A.).
  - Spark was finally banned on HAM bands in 1924.
- \* Ken/W6HHC showed some slides from this years Field Day operation. Everyone agreed that this year was a great success.
- \* Fried/WA6WZO, the ARRL SW Div Director, reported on continued attempts to take away part of the 220 Mhz band. The current Congressional may go a long way towards giving HAMS a powerful tool.
- \* Sandy/WA6WZN, the President of the Orange County Council, announced that the OCCARO HAM booth at the Orange County fair had won a BLUE RIBBON! Sandy also recommended that registering on Friday evening at the ARRL CONVENTION could avoid long lines on Saturday.
- \* Frank/WA6VKZ reported that the OCARC had \$574.83 in the treasury.
- \* Frank/WA6VKZ, ARES EC for District 3, reported that ARES had set up a new frequency plan in Orange County (See Details on Page 2). Also the Centennial Bike-A-Thon (8000 riders expected) that is scheduled for July 31 will involve over 54 HAM mobile/portable stations.

submitted by WA6IXN

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BITS AND PIECES

...TED GLICK, K6LJA, HAS A COMPLETE (CONTINUOUS) SET OF QST MAGAZINES BEING FROM 1930, UP TO THE PRESENT. IF ANYONE IS INTERESTED IN MAKING A HOME FOR THIS RARE PIECE OF HAM HISTORY, PLEASE CONTACT TED/K6LJA AT 542-1390

Mark Stanford, formally N6QMW and KB6TTP, now has a new call sign: KJ6JC. Mark upgraded to Advanced last November, but do to a paperwork snafu at Headquarters, had to wait all this time for his new ticket. Congrats to Mark on his upgrade!

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JUNE BOARD MEETING MINUTES

The meeting was called to order on June 4, 1988 at 9:05 AM by the President, W6HHC. All Board members were in attendance. The Treasurers report by WA6VKZ, shows \$507.88 in the club savings account and \$101.37 in checking for a total of \$609.25. Expenses for Field Day have already been payed as have the P.O. box costs for the year. Vice President, KB6EZP announced that Lorraine McCarthy will be doing a code instruction demo at the June General Meeting. On tap for the July meeting is a presentation by Bert Ayres on a spark-gap transmitter. KA6IMP, Chris, suggests that HT's be left at home...hi!. Field Day slides from 1987 will also be shown. AF6C will do RF in June and N6QMW is scheduled for August. W6HHC reminded the Board about the OC Council meeting on June 7. Details concerning the OC Fair will be discussed. N6JSV, Jim, will attend meeting and will try and obtain a weekend date for the Ham Radio booth. Also discussed were things that the club needs to do before HAMCON:

- 1) Writeup about OCARC activities for HAMCON program by July 1.
- 2) Radio tests at HAMCON site.
- 3) Signs need to be made.
- 4) Manpower spreadsheet to be done by August meeting.

WA6LAB, John, reports that the tents are rented for Field Day and Jane, NONE says the food situation is under control. Kei, W6NGO says we need more coax for the 10 meter beam. Frank, WA6VKZ, reported on future ARES activities:

- 7/3 Bike ride from Anaheim Stadium
- 7/31 Orange County Centennial Bike Ride - The Red Cross needs help with their portion.

The meeting was adjourned at 9:56 AM.

Respectfully submitted, Mark Stanford, N6QMW, Secretary.

## JULY BOARD MEETING MINUTES

The meeting was called to order at 9:01 AM on July 2, 1988 by the Vice President, Ron Toering, KB6EZP. Board members W6HHC, N6JSV and WB6GDZ were not in attendance. KB6EZP reported that frequency tests at the Disneyland Hotel for HAMCON still need to be done and that staffing for the Orange County Fair booth has been completed. The club will be at the booth on July 16th. EZP also reported that Bert Ayers, W6CL, will do a spark-gap demo for the July general meeting. There were 540 more QSO's done at the 1988 Field Day than were performed at the 1987 event. WA6VKZ needs volunteers for the Orange County Centennial Bike ride to be held on July 31. Hams are needed to assist the Red Cross aid stations that will be located along the route. VKZ also discussed with the Board the possibility of loaning out the club generator for public service events such as the Centennial Bike Ride. No negative comments were received. Meeting was adjourned at 9:19 AM. Respectfully submitted, Mark Stanford, N6QMW, Secretary.

## AUGUST BOARD MEETING MINUTES

The meeting was called to order at 9:00 AM on August 6, 1988 by the Vice President, Ron Toering, KB6EZP. Board members W6HHC, KA6IMP and K1YZG were not present. Karl Pagel, N6BVU, was a visitor to the meeting and talked about the loss earlier in the week of the bottom 2 mhz of the 220 band. (See letter and petition in this months RF..ed.). EZP suggested that we print the petition and letter in the August RF. WA6VKZ made a motion to allow for more postage on the August RF due to the added size of the newsletter. The motion passed. VKZ also thanked the club members for their participation in the Centennial Bike Ride and reminded all present about the ARES nets on Monday nites. Club participation in HAMCON was discussed. EZP and KJ6JC will conduct 220 tests at the hotel today. Meeting was adjourned at 9:22 AM. Respectfully submitted, Mark Stanford, KJ6JC, Secretary.

## \*\*\* FIELD DAY - 1988: TWO EARN N6UC AWARDS \*\*\*

At the 1970 or 71 FD, held on Peacock Hill, OP's construction skills were tested as they attempted to erect N6UC's beam on a vly flimsy mast. Finally...success! As the OPs were admiring their feat, UC exclaimed, "Oh! I forgot the co-ax feed!" ...at which point, an OP quipped, "Their ought to be an N6UC award!" And sure enough! History repeated itself twice this FD! After OPs erected the 20m beam, IMP discovers he left the rotor control cable lying on the ground. And VKZ, busy wid IXN & crew, who had just succeeded in putting a 'crink' in the 2m mast, discovers that he left two feed lines fer the 40m Maypole ant. lying on the ground after each dipole had been secured!

Jane B. soon proclaims frm the steps of the Camper that IMP & nØne have left-over wedding champagne to brighten the FD Contest! nØne was quickly knighted wid her new FD name: BUBBLES!

Much to the surprise of all OPs, NGO appeared at the FD site on Fri. eve. & dug the holes for the beam masts. Next morning, one OP quipped, "Gee! Kei digs nice holes!" And John Meachum, Club member in '85, showed up at FD site after riding 24 miles on his bicycle. (Enroll LMX in a bikeathon, VKZ!)

Abt 10:30pm, EZS calls fer a drink of H<sub>2</sub>O. And even tho Jane & Chris were the champagne dispensers, and Jane had won the 'warmed saki', they had the only H<sub>2</sub>O in camp!

Lest we forget, you layer-outers, the length of the cable from generator to distribution box is 130 ft.! And two distribution leads are 100 ft. each, & the third lead is 50 ft. All FD planners file this 'RF' fer reference next year!

Sunday morning, a generator breaker mysteriously opens...cud it hve been the coffee pot and nØne's 'vibrator' plugged in simultaneously?!

HM! What mysterious force was at work frm the FD site to bring Fried, WZO, SW Division Director, & XYL, Sandi, WZN, to the 15m tent precisely at the time when Ida's delicious shishkabobs were popped frm the charcoals?! OPs wish to thank NGO & XYL, Ida, fer all the support, food, money, equipment store-house, & just plain good friendship they have provided over past FDs!

The generator only ran on 'one' cylinder all FD!...Skyhook, anyone?!

NGO's 'ring job' on the generator was super! Only one drop of oil dripped frm the generator all FD! And we thank HHC fer providing 'sinkers' (doughnuts) fer early FD arrivals.

Oh! Those 10m clever devils!...JSV, EZS, DK, & PFA, were busy trying to work a Vermont YL in a pile-up to no avail! They simply looked her up in the Callbook to get her first name: Ronnie! JSV yells, "Ronnie" into the mike, & behold, she answers, "Who's that calling my name?!...and 10m got another contact! Remember that little trick fer next year, OPs! de HHC, AF6C, & IXN

LOST !!!!!!!

Alex, W6RE, is looking for a green and white lawn chair that was misplaced during the Field Day activities. Alex believes that W6RE is etched on the frame somewhere. If anyone knows where Alex's chair is, give him a buzz at (714) 544-1974. He really would like it back!

bo

\*\*\* NET NEWS \*\*\*

7/6 15m phone net - W6ZE/IXN checks in VKZ, NG7D, NGO, & KC4DEB. VKZ has a cold & can't shake it! He checks out early. KC4DEB, Bob, in North Carolina, checks in to say 'HI'. NG7D has his QRP letter of enrollment, go from VA. to a Mass. OP before he gets membership materials for the QRP grp. IXN asks John to forward a copy of the 10m beacons! Heat drives NGO from the shack...he'll be back for the 2m net. QRPers! John says that TenTec may agn mfg. the 80-10m 'Argonaut' QRP rig! The HW-9 seems to be a hot QRP rig, too!

7/6 2m phone net - W6ZE/HHC/JSV tells OPs he's had visitors at the QTH in the past few days! Ken checks in JSV, BPX, IMP, WLO, & RE. HHC asks JSV to assume NC so he can work on 'RF' as he listens on the side. JSV checks in AF6C & ULU. BPX cleans out an old shed...old Mason canning jars, anyone? Wyatt also saves \$600 by constructing his own fence! JSV just loves digging post holes in 'CA clay' as he constructs a redwood retaining wall! WLO, wid XYL on the side, watches his battery voltage approach 0! And RE fares no better as the odd-ball batteries in his Tempo 'handi-turkey', refuse to do their thing! IXN will make a montage of FD pix for the Club history, tnx to EZS! AF6C can't wait for the next Club 'wine & cheese' party as he eyes Chris & nØne's jacuzzi! AF6C & JSV discuss the merits of 'miracle-gro' fertilizer, & ULU discusses the upcoming OC Fair sched. EZP volunteers to help. AF6C goes to court tomorrow. ..jury duty!

7/13 15m phone net - W6ZE/IXN checks in VKZ, NG7D, RE, & ULU. VKZ announces HHC's acceptance of Asst. EC for the City of Santa Ana. Frank also attends meeting for Bikeathon on July 31. He has 8 volunteers to date & will hve a handout at Club meeting. NG7D quizzes RE abt 220 MHz developments. Lloyd pops in to check on OPs whom he sent tickets for the OC Fair. Lloyd also tells VKZ abt possible gear in SA Fire Station on Broadway! IXN asks VKZ abt I-5 construction & repairs. All OPs were interested in Frank's construction rpt on 4 on-off ramps, & I5-55 freeway widening. RE rpts that Congress Res. 317 & Senate Res. 127 both request FCC not to steal amateur band segments. Let's hope they pass!! Contact ur congressmen!

7/13 2m phone net - Net begins informally, but HHC fires up & officially checks in AF6C, ULU, RE, JSV, SDU, BPX, VKZ, NGO, WLO, & IMP. After check-in, HHC officially turns the net over to AF6C..(something abt opening a daybed, etc!). AF6C asks JSV abt the 'Franklin spelling computer'. And Bob also received some new fillings from his friendly local dentist! RE plays the Westlink tapes, & asks HHC to check on his missing lawn chair from FD. JSV puts in a busy day working on his 70' retaining wall. ULU checks in to ask if all OC Fair OPs have received their tickets. Lloyd has a cold & spent most of the day 'in the sack'! Hurray! SDU may get an ICOM 751 & join us on the 15m net. Foster's harmonic, Heather, was listening to CW & stops long enuf to say 'Hi' to the net. IMP listens to the Westlink tapes, & IXN can't hear BPX on the WX radio tonite. NGO asks abt HHC's adventures wid his brother, & WLO will be at Club meeting Fri. eve.

7/20 15m phone net - W6ZE/IXN has no check-ins, so he goes down to 21.120 MHz & works KA3TGX, Steve, in Harrisburg, PA., & N8ICH, Phil, in Mansfield, OH.

7/20 2m phone net - W6ZE/HHC checks in BPX, IMP, WLO, RE, KJ6JC, W6VCW, YZG, & XO (after net). BPX has a grandson in the hosp. And IMP & nØne will soon be on their way to Fla. RE announces that LJA is once agn pondering major surgery! & Alex plays the Westlink tapes. W6VCW, Orv, in FV, flew in & flew out agn! WLO enjoyed working at the OC Fair booth, & meeting Club members there, & EZS makes 2 DX contacts at the Fair! SDU asks abt Bert Ayres (work ph: 213-537-1860) & his spark gap xmitter. QMW, Mark, gets his new Xtra call: KJ6JC...congrats, Mark!

7/21 15m CW net - W6ZE/IXN checks in Fred, ZL1BUZ/P operating mobile at Makatu Beach. DK checks in at end of QSO wid Fred, & says that his office is being moved to Irvine Center Blvd. near El Toro. Ken also completed his WAC award. Congrats, Ken!

7/27 15m phone net - W6ZE/IXN checks in NG7D, & N6QHR, Hal, from Costa Mesa. John gives IXN 5 DX calls to look up in the Foreign Call Book. He also listens to the SAPD calls above 800 MHz on his scanner. SAPD operates arnd 460 MHz, PL. Hal, a DXer, subscribes to the 'List of QSL Managers', a monthly publication that costs \$20/yr, which

lists over 2,000 foreign call signs wid QSL Managers, & can be ordered at: PO Box 700, Rio Linda, CA. 95673-0700. 7/27 2m phone net - W6ZE/HHC checks in AF6C, NGO, RE, BPX, JSV, WLO, & SDU. AF6C sends official FD scores to ARRL, & HHC puts Bob up fer 'Diplomat of the Month' award fer helping move some OPs away frm 146.550! NGO buys a trailer fer his tractor (no more post-hole digging at FD, OPs!) On muggy Monday, HHC changes a tire in the baking sun, & leaves huge spots of 'FD saki' all over his pants! And BPX's cucumbers nod their wilting heads in the blistering heat! Ron Cade, FIT, still has the same tel. no., & RE plays the Westlink tapes. RE tells us that LJA has opted fro radiation in place of surgery. WLO, & other Club OPs will be providing communications, along wid the ARES grp, for the OC Bikeathon on Sun. JSV completes the installation of 12 Malibu lights along his back fence, & SDU talks wid OPs abt operating wid the 'New South Wales' group on the 15m phone net.

Orange County Centennial  
Bike Tour  
July 31, 1988

Orange County began celebrating its 100th anniversary with a Bike Tour on July 31, 1988. Amateur Radio Operators through ARES were asked to participate by providing support communications. My personal observations are that all went well with some areas needing help, but it was a great training exercise for ARES.

A big thanks to OCARC members who are also ARES Response Area 3 members:

Ken W6HHC  
Bob AF6C  
Ron KB6EZP  
Dick W6VQL  
Carl KB6WLO

Also a big thanks to OCARC members:

Lloyd WB6ULU  
Ralph W6RE  
Wil WB6GDZ  
Mark KJ6JC  
Tom WA6PFA  
Bob KD6XO

for making the Bike Tour a big success.

Tnx, 73

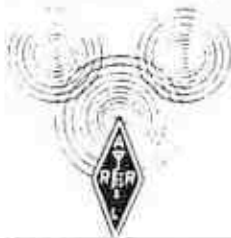
Frank WA6VKZ

#### ARRL AMATEUR AUXILIARY

Interested in assisting the FCC in monitoring the Amateur bands? The Amateur Auxiliary to the FCC's Field Operations Bureau still needs volunteers to spend a few hours a month monitoring for rules infractions and technical problems that cause on-the-air difficulties and occasionally provide survey data on overall Part 97 rules compliance. Also needed are amateurs who can monitor a wide variety of digital emissions. Contact your ARRL Section Manager (see page 8 of any QST) or Luck Hurder, KY1T, at ARRL HQ for further information.

From the ARRL Letter, July 11, 1988.





THE MAGIC OF AMATEUR RADIO  
PUBLIC SERVICE • INTERNATIONAL GOODWILL

Talk-in Frequencies:  
146.94 down six hundred  
145.40 down six hundred.  
224.18 down 1.6 Mhz.

**ARRL SOUTHWESTERN  
DIVISION CONVENTION**  
**September 2, 3, & 4, 1988**  
At the Disneyland Hotel in Anaheim, California  
Sponsored by the Orange County Council of Amateur Radio Organizations

**REGISTER BY AUGUST 15th FOR ADVANCE REGISTRATION PRIZE**

**Registration Hours:**

Friday - 3 pm to 9 pm  
Saturday - 7 am to 5 pm  
Sunday - 8 am to 12 pm

**Exhibit Hours:**

Saturday - 9 am to 5 pm  
Sunday - 9 am to 12 noon

**RV Parking Nearby:**

Anaheim KOA, 1221 S. West St., Anaheim, CA  
92802 - (714) 533-7720

Travelers World RV Park, 333 W. Ball Rd.,  
Anaheim, CA 92805 - (714) 991-0100

Vacationland RV Park, 1343 S. West St.,  
Anaheim, CA 92802 - (714) 533-7270. A 10%  
discount if you mention HAMCON 88.

**Prizes\*:**

Early Bird - (2) HT's  
Advance Registration - Mobile HF Rig  
Hourly Prizes  
Grand Prize - HF Base Station  
Wouff Hong - HT  
Breakfast - HT  
T-Hunt - HT & Super Dfer

\*Must be registered for convention to be eligible for prizes.

**VALIDATED PARKING  
WITH REGISTRATION**

**Hotel Information:**

\$72.00 per night up to 4 persons. Call  
714-635-8600 and mention HAMCON.

*Arrive early to pickup your registration material so you can join us for the Friday night activities.*

**Friday Night Activities:** Meet & Greet No Host Cocktail Party & Old Timer's Night, 7 to 9 pm.

**Everyone's Invited to attend Old Timer's Night  
With Our Special Guest, Samuel F.B. Morse, III.**

Come see demonstrations of Amateur Radio Equipment from the past to the present:  
Tesla Coil, Spark Gap, Antique Radio Collection, W6AM Memorabilia, to Laser Communications & more.

**Mingle with the Magic of Dr. Ron Porter from the Magic Castle  
during the Meet & Greet No Host Cocktail Party.**

Snacks and Entertainment  
Compliments of



**Saturday:**

**Technical Sessions:**

- Amateur Television - *W6ORG*
- Amateur Satellites: Past, Present & Future - *W6SP*
- ARES & RACES - *WA6ZEF*
- ARRL Forum - *WA6WZO*
- Around the World in 9 Days - *WA6LOD*
- ARES/RACES/NTS Packet System - *N6KZB*
- Advanced T-hunting: Guerrilla Tactics - *N6MI*
- Amateur Auxiliary to the FCC - *K1YT*
- CATV Leakage - *KD6MR*
- The Care & Feeding of Op Amps - *W1WEX*
- Contest & DX Forum - *K6SVL*
- Digital Digest - *W6WVO*
- HF Propagation - *K6GKU*
- Interference Potential of Computerized Hamshack - *K6GTR*
- Joint MARS Forum - *KA7TPV*
- Learning the Code - *N6CJO*
- Legal Forum - *N6NB*
- Learning to Live with NiCads - *N6ARE*
- Let's Go T-Hunting: Set up a Winning RDF Sys. - *K6OV*
- Measuring Antenna Performance - *N6NB*
- Meet the YLs - *W6NAZ*
- PS-186 Packet Switch Update - *N6NKF*
- RFI Forum - *W6BF*
- SAW Division D/X Hams - *W6FRZ*
- 10/10 Forum - *W6QIR*
- Techniques for Recruiting New Hams - *WA6ITF*
- 21 Days in China - *K6OSC*
- Trip to Russia - *WA6WXD*
- Tropo Ducting to Hawaii on VHF - *WB6NOA*
- Upcoming Amateur Packet Satellites - *NK6K*
- VE & VEC Forum - *W6YOY & WB1EYI*
- Wallace Radio Ranch Museum - *WA6HXM*
- Workings of ARRL Headquarters - *W6PAN*

**VE Exams:**

Two sessions starting at 9 am and 1:30 pm  
Specify your preference (0900 or 1330 hours). Please  
respond early since space is limited. Send a SASE (legal  
size) with a check for \$4.55, payable to ARRL/VEC to:

HAMCON 88 FCC EXAMS  
c/o Bob Reitzel, KD6DA  
1836 Skywood Street  
Brea, CA 92621

**Ladies Luncheon:**

Featuring Casual Corners Fashion show and prizes.

**Ladies Programs:**

Video Tape on Portugal  
Santa Claus Visiting the Hospital from the North Pole  
Demo on Beauty Plus Cosmetics -  
Protect Yourself Against Rape or Attack

**Banquet**

Speaker: Dave Bell, W6AQ

Master of Ceremonies: Johnny Grant, WB6MJV

**Wouff Hong:**

12 midnight sponsored by St Jude Hospital &  
Rehabilitation Center Amateur Association - Door Prize

**Sunday:**

**Breakfast:**

Speakers: Lloyd, W6KG and Iris, W6QL Colvin  
YASME 1988 DXpedition to Several Most Wanted  
Countries in Asia.

**T-Hunt:**

Starting at 1 pm. A unique and very different hunt under  
the direction of NR6C. Time/mileage, additional details  
and rules at the start of the hunt. Great prizes: 2 meter  
transceiver and Super Dfer.

Cut and Mail to: Dick Bruno, N6ISY, Registration Chairman, HAMCON INC, P.O. Box 3695, Huntington Beach, California 92605

Name: \_\_\_\_\_ Call: \_\_\_\_\_

Name: \_\_\_\_\_ Call: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Check here if you plan to stay at the Disneyland Hotel.

How Many?

_____ Advance Registration (To Aug. 15th.)		
_____ (\$12.00 at the Door)	@ \$10.00 ea.	_____
_____ Banquet	@ \$25.00 ea.	_____
_____ Ladies Luncheon	@ \$10.00 ea.	_____
_____ Sunday Breakfast	@ \$10.00 ea.	_____

Total Enclosed: \$ \_\_\_\_\_

Make Checks Payable to: HAMCON INC.

**WHAT HAPPENED, AND WHAT DO WE DO NOW...**

by Karl Pagel, N6BVU

On Thursday, August 4, in Washington D.C., the FCC voted 3-0 to give the lower two megahertz of the 220 MHz band to the Land Mobile interests. They also gave the upper three megahertz of the band to Amateur Radio on a primary basis.

As stated in §1.106 of the Rules and Regulations of 47 C.F.R. of the FCC, we have the right to file a "Petition for Reconsideration". This must be done within 30 days from the date of public notice (usually considered as the Federal Register) as defined in §1.4(b) of these Rules.

1. First thing to do is find a copy of the Report and Order, and read it.
- 2a. If you filed comments in the previous 87-14 proceeding, you need only to state in your filing that your interests are adversely affected by any action taken by the Commission.
- 2b. If you didn't file comments in the previous 87-14 proceedings, you will need to state with particularity the manner in which your interests are adversely affected by the action taken, and should show good reason why it was not possible for you to participate in the earlier stages of the proceedings.
3. In filing your "Petition for Reconsideration", you should also state why you think the action taken should be changed, and state specifically that the FCC should make the entire 220-225 Mhz band primary to Amateur Radio.
4. The form to be used is shown on the back side of this letter. Your "Petition" has to be on standard 8 1/2" x 11" white paper, double spaced, not more than 25 pages in length. The left margin is 1 1/2" wide (for binding purposes), the right margin is 1/2" wide, & top margin is 1". Even though there are currently only 3 Commissioners at the FCC, send your original and 5 copies. You should also send a cover letter page, like the one printed below. (Use your own name at the bottom, of course).

-----  
August 7, 1987

H. Walker Feaster, Acting Secretary  
Federal Communications Commission  
1919 M Street, N.W.  
Washington, D.C. 20554

Re: PETITION FOR RECONSIDERATION  
PR Docket No. 87-14

Dear Mr. Feaster,

Please find enclosed herewithin an original and 5 copies of my PETITION FOR RECONSIDERATION on the above captioned matter. I am doing so to make sure that each Commissioner receives a copy.

Very truly yours,

-----  
Karl Victor Pagel, N6BVU  
Post Office Box 6490  
Orange, California 92613-6490

5. Mail your "Petition for Reconsideration" and the copies and the cover letter to H. Walker Feaster, the Acting FCC Secretary at his address listed above.

6. Please pass copies of this form onto as many hams as possible. One thing that was told to me on the phone from Washington last Friday was, "you hams have the potential to have the greatest lobbying group in Washington. With 400,000 hams nation-wide, if you could ever get all of them to write at the same time, on the same topic, you could get whatever you asked for, and you would never have to worry again about losing any spectrum. BUT, you can never get that to happen. The most that ever wrote was about 5,000 on no-code about 6 years ago.

Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C. 20554

In the Matter of:	)	
	)	
Amendment of Part 2	)	General Docket No. 87-14
of the Commission's Rules	)	RM-4829
Regarding the Allocation	)	RM-4831
of the 216-225 MHz Band	)	RM-4983
To: The Commission		

PETITION FOR RECONSIDERATION

Karl Victor Pagel, N6BVU, submits this Petition for Reconsideration to a Notice of Report and Order, (PR Docket No. 87-14) Amendment of Part 2 of the Commission's Rules Regarding the Allocation of the 216-225 MHz Band, adopted \_\_\_\_\_, 1988, and released \_\_\_\_\_, 1988.

(These dates will be listed on the Report & Order when it is released.)

This Petition is filed pursuant to §1.106 of the Rules and Regulations of 47 C.F.R. of the Federal Communications Commission.

(The comments you can use in the body of your Petition should conform to numbers 1, and 2a or 2b, and 3 as listed on the back side of this letter.)

Respectfully submitted,

-----  
KARL VICTOR PAGEL, N6BVU  
POST OFFICE BOX 6490  
ORANGE, CALIFORNIA 92613-6490  
(714) 772-5451

Dated: AUGUST \_\_\_\_, 1988

(Of course, use your own name, etc, instead of mine. Thanks)

ORANGE COUNTY AMATEUR RADIO CLUB, INC.  
P.O. BOX 3454  
TUSTIN, CA. 92681

AUCTION RULES  
&  
INFORMATION

\*\*\*\*\*

PROCEDURES:

BUYERS:

- register
- receive bidder's card
- show card when bidding

SELLERS:

- register
- receive seller's tags
- pay entrance fee
- indicate minimum bid

AUCTION:

Items for auction will be offered in numerical sequence of sellers up to five items at a time per seller.

FEES:

BUYERS:

None

SELLERS:

- \$3.00 entrance fee
- 10% of item to a maximum of \$8.00 per item

MISCELLANEOUS:

Minimum bid is \$1.00. If item is not worth \$1.00, please make a grab bag of several items.

Sellers wishing to describe item should do so on a suitable sized paper, taped to the item in order to aid the auctioneer in selling your item.

Personal checks accepted at the option of the seller.

LOCATION:

Mercury Savings & Loan Bldg.  
1095 Irvine Blvd.  
(100 yards East of intersection of Newport Blvd. & Irvine Blvd.)

ADDITIONAL INFO: 639-5074

6/1 15m phone net - No check-ins! 6/1 2m phone net - W6ZE/HHC checks in BPX, RE, WLO, IMP, AF6C, & JSV. Karl's wife, Rita, gets her ticket, KB6YEU, & says 'Hi' to the group. HHC gets bk frm ZL land only to leave fer Paris, France, Sun. Returning by June 15, HHC asks OPs to cover the HAMCON, & O.C. Council meetings. JSV might be able to cover one meeting. Jim was working in the yard today wid EZS, picking peaches. XYL, Blanche, brings home some new seed while BPX does the irrigating! AF6C reminds all of the 'RF' deadline, & he suggests that maybe 8:15 wud be a gud time to have RE play the Westlink tapes. RE's XYL is steadily improving frm her recent surgery. AF6C will travel north to water ski wid his YL! And, after listening to W. Overbeck at last meeting, IMP will try a Quagi ant. on 2m.

6/8 15m phone net - W6ZE/IXN checks in NG7D. IXN meets Bud Beutler, K6MON, at the polls. Bud is a handicapped electronics specialist fer McDonald-Douglas, adr: 521 S. Lyon #38, S.A., 92701. John visits Vet's Hosp., & operates on the International Handicapped Net, \* the V.A. Net. He buys an HW-7, & salvages case & parts fer his HW-8 QRP rig. Kantronics now has 20W PEP SSB rigs fer QRP operation. NG7D wants to get his QRP WAS! IXN quizzed John abt sick Irish Setters, sunspots, etc.

6/8 2m phone net - While HHC galavants abt Paris, AF6C assumes NC & checks in VKZ/M, IMP, YZG, NGO, RE, WLO, & ULU. AF6C will leave Fri. fer 'YL Land' up north, & YZG believes Kenwood is re-making his ailing rig...5 wks in the shop now! Lu had a great trip to Oregon, but bk to work tomorrow! VKZ/M is on his way to the 'rock pile' right now! And WLO jumps in fer a quick 'hello & goodbye'. ULU reminds all abt the upcoming Orange County Fair (plus committments!). NGO & AF6C will meet nxt wk to discuss 15m operations fer FD, & RE discusses dangers of contact lenses drying out & sticking to the cornea of the eye!

6/15 15m phone net - W6ZE/IXN checks in NG7D, IMP, & RND. Chris is weak & dwn in the QRN. He quickly skips away frm us! NG7D says WWV rpts an Index of 4! NG7D & IXN duscuss XO's earthquake class & recent temblors. RND has been concentrating on some DX, but tonite, John is busy making QSL cards in the bathroom darkroom! NG7D & VKZ discuss QRP awards. & NG7D works KY9L, Rick Little, In IL, on 30m CW. John needs 3 states fer his 30m WAS!

6/15 2m phone net - HHC, just bk frm Par-ee, checks in RE, AF6C, BPX, IMP, WLO, ULU, NGO, RND, & YZG. NGO cleans up the antennas fer FD!...& visits wid his friend, Tak, frm JA land, who is a race car driver. YZG was stationed 40 Km NE. of Paris during WWII, & ULU was able to cpy IMP FB! IMP requests a replacement OP to attend upcoming HAMCON meeting, & IMP & EZP will check out best best communications freqs. fer the Convention Hall. ULU requests help fer the O.C. Fair exhibit, & WLO invites a friend frm Buena Park to FD. BPX has a 'hard day'! Wyatt now has fence problems! And OPs pass cudos to AF6C on vy gud 'RF' newsletter this issue... Nice work, Bob! And HHC requests copies be placed in HRO, etc. RE plays Westlink tapes & comments on successful launch of Oscar 13! HHC reminds all abt Club meeting Fri. eve. & RND is still busy making QSL cards!

6/22 15m phone net - W6ZE IXN checks in VKZ, NG7D, NGO, & YZG. YZG finally gets the Kenwood back frm the factory... May 4 - June 21 is a long time to wait fer repairs! VKZ warmed up the 757, threw a wire out under the eves, & joined us on 15m! Frank has soldered all cables & is now ready fer FD. Frank asks John fer adr of QRP organization. John responds: Bill Harding, K4AHK, 10923 Carters Oak Way, Burke, VA. 22015. Kei has fuel & generator all ready to go fer FD. NGO's sigs were weak at IXN's QTH although other OPs heard Kei rather well. NG7D had a high QRN level & cudn't hear NGO or VKZ. Lu hears Frank at 40/S9.

6/22 2m phone net - W6ZE/HHC checks in AF6C, WLO, IMP, VKZ, JSV, YZG, WB6YMH/2, NGO, ULU, & RE. HHC & group resolve no 30m contacts

(net news - cont'd)

fer points on FD. YZG condemns present Kenwood repair service after 'losing his cool' wid Kenwood reps! ULU gets names of OPs fer Orange County Fair booth, & HHC asks all OPs to watch newspapers fer Club FD announcement. Cut it out & turn it in fer 100 FD points! RE plays Westlink tapes. NGO informs group that he has 12 gal of fuel fer 24 hr generator operation, &, expresses charcoal needs. And WLO & HHC discuss FD sched & HHC's new Knwd 2m pocket transceiver. IMP is getting ready fer FD operation wid nØne on the side! JSV puts EZS to work painting the French window frames over the kitchen sink! HHC welcomes YMH/2 to the group, & VKZ & HHC discuss AREC participation in the Centennial Bikeathon on July 31. 6/23 15m CW net - No formal net. But IXN talks wid Al, NN1J, in Bristol, RI. Al is a computer operator fer a high school. 6/29 15m phone net - W6ZE/IXN checks in NG7D, NGO, YZG, & Paul, K6KGA, 100 mi. south of the Oregon border. Paul works us off his 40m inverted 'V' wid a 5/4 sig at IXN's shack. Lu & Kei both hear KGA well, but not NG7D. John works mostly local stations on FD. It is hot tonite in NGO's shack. Lu also remembers his 1st FD wid rain, etc. Lu gave up FD activities at 3:00am Sun. He cudn't coordinate thoughts & efforts after that! KGA didn't feel the San Jose quake on Mon. IXN & NG7D discuss recent temblors. 6/29 2m phone net - W6ZE/HHC checks in AF6C, RE, SDU, YZG, NGO, BPX, ULU, WLO, & FOK. HHC operates frm AF6C's QTH. RE gives political news regarding Dornan's letter, news on Oscar 13, & plays the Westlink tapes. YZG enjoyed FD, & left only after losing coordination powers. HHC gives a vy rough rpt of FD contacts: 80m - 127 contacts; 40m CW - 66; 40m SSB - 141; 20m SSB - 359; 20m CW - 2; 15m SSB - 570; 10m SSB - 81; 2m FM - 32; packet - 14; 40m novice - 27; 10m novice - 144...which all leads to a vy gud FD, OPs!! HHC & AF6C told us that 33 hams turned out fer FD operations. SDU got bk frm Texas, & he informs NGO that he talked twice on 20m wid JA7BSK, Kei's friend. BPX checks in, but soon leaves to return to the heating pad! IXN cudn't hear BPX tonite! NGO talked abt fishing under a full moon, & WLO's Xmission was interrupted at IXN's QTH by an arriving jet at John Wayne airport! ULU 'flew in' & 'flew out'!

The ARRL Letter, Volume 7, No. 14, July 11, 1988

#### QST--CALLING ALL AMATEURS!!

Your assistance is urgently needed. There are two Concurrent Resolutions presently "in processing" which concern Amateur Radio: one in the House of Representatives (H. Con. Res. 317) and the other in the Senate (S. Con. Res. 127). These are resolutions which express a "Sense of the Congress" in general support of Amateur Radio. In order for these resolutions to be accepted, 218 co-sponsors are required in the House, 51 in the Senate.

Please take a few moments to write a short note to your Congressmen (perhaps on a QSL card!) asking them to be a co-sponsor of these resolutions. If they are already co-sponsors, thank them for supporting these resolutions and Amateur Radio.

This is a current list of the co-sponsors of H. Con Res. 317: Nancy Johnson R-CT; John Rowland R-CT; Amory Houghton R-NY; Edolphus Towns D-NY; Delbert Latta R-OH; George Hochbrueckner D-NY; Dennis Hastert R-IL; Bill Schuette R-MI; Robert Roe D-NJ; Frank Horton R-NY; Robert C. Smith R-NH; Clay Shaw R-FL; Peter DeFazio D-OR; Earl Hutto D-FL; Bob Traxler D-MI; Helen Bentley R-MD; Jerry Lewis R-CA; and Tom Robinson D-AR. The Senate resolution was introduced just before recess; thus, there hasn't yet been sufficient time to gather co-sponsors.

The complete texts of both Senate Concurrent Resolution 127 and House Concurrent Resolution 317 are available by sending a business size SASE with your request to the Regulatory Information Branch, ARRL HQ.

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THE KA4SBE REPORT FOR SECOND WEEK OF JULY 1988

ITEM 7. THE NO-CODE TEST. THIS WEEK I THOUGHT THAT I WOULD SAY MORE ABOUT IT. AS YOU KNOW THERE ARE TWO VERY STRONG FACTIONS IN THE "TO DIT OR NOT TO DIT" CAMPS. NO MATTER WHICH CAMP YOU BELONG TO, REMEMBER THERE ARE CERTAIN FACTS THAT ARE PRESENT.

#1. CODE AND THEORY ARE WHAT SEPARATE HAMS FROM CB'ERS. NOT JUST THE CODE.

#2. THINK OF ALL THE HAMS THAT WE COULD HAVE IF WE TOOK 220 MHZ AND MADE IT THE NO-CODE BAND. IF WE COULD GET 30 PERCENT OF THE PEOPLE WITH COMPUTERS INTO PACKET ON THAT BAND, WE WOULD HAVE A FORCE TO BE RECKONED WITH. THEY COULD ALL BUY THEIR EQUIPMENT VIA THE PHONE AND FOR THE ULTIMATE INSULT, HAVE IT SHIPPED VIA UPS!!!

#3. WE ARE LOSING YOUNG PEOPLE WITH ALL THEIR IDEAS AND ENTHUSIASM TO OTHER HOBBIES SUCH AS COMPUTERS, STREET GANGS AND SAFE AND SANE FIREWORKS. ( WHATEVER THEY ARE.)

LET'S LIGHTEN UP AND PUT THE CODE IN A PLACE WHERE IT CAN DO SOME GOOD. RTTY, SSTV, PACKET AND OTHER MODES ARE NOT REQUIRED THAN WHY MORSE CODE? IT JUST DOESN'T MAKE SENSE, AND I LIKE CODE AS WELL. YOUR THOUGHTS PLEASE.

ORANGE COUNTY AMATEUR RADIO CLUB  
P.O. BOX 3454  
TUSTIN, CA 92681



FIRST CLASS