



RF



ORANGE COUNTY AMATEUR RADIO CLUB, INC.

VOL. XLIX NO. 2

P.O. BOX 3454, TUSTIN, CA 92781-3454

February 2008

The Prez Sez.....

By Willie N8WP



Hello Everyone !!

It is February and the best way to warm up and cheer your spirits is to think about Field Day. I know that it gives me a warm and fuzzy feeling, or it could be my last cigar, but it is probably Field Day. I have already confirmed our site at the OES REOC. Last year was incredible. We will probably not have as many stations this year, but we will still have the great fellowship and fun.

I have been spending quite a bit of time working PSK 31 for the past few months. Every morning and evening I have been able to spend a few minutes and make a couple of contacts. I discovered a

fun group to operate with, the 070 Club. They are all fans of PSK and the group sponsors and promotes a number of PSK contests every year. I challenge everyone to collect the required number of QSOs and become a member of the 070 Club. The first 3 OCARC members to email me their new 070 Club numbers will get a prize from yours truly. If you want the prize, Google "070 Club" and become a member. There is a good chance you can have your number with 15 minutes effort. I hope this gets a few people on the air. I am also wondering if anyone reads my column.

I **promise** to be at the next meeting. Perhaps I will be awarding some special prizes.

I hope you are looking forward to this years Field Day. The site is already reserved. I am looking for Band Captains to co-ordinate stations. Anyone interested should send me an email at n8wp@arrl.net. Right now

we only have two captains lined up. I am sure we will want to run more than two transmitters.

73, Willie - N8WP

Dues for 2008 are due. You have till the end of March to pay. See you at the February 15th general meeting.

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The next general meeting will be:

**Friday, February 15th
@ 7:00 PM**

We will be meeting in Room 208
In the east Red Cross Building

**ORANGE COUNTY
AMATEUR RADIO CLUB**
www.W6ZE.org



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OCCARO Delegate:

Loran Dargatz, KD6LRD
(714) 777-9081
DargatzLR@msn.com

Monthly Events:

General Meeting:

Third Friday of the month
at 7:00 PM
American Red Cross
601 N. Golden Circle Dr.
(Near Tustin Ave. & 4th St.)
Santa Ana, CA

Club Breakfast:

First Saturday of the month
at 8:00 AM
Jagerhaus Restaurant
2525 E. Ball Road
(Ball exit off 57-Freeway)
Anaheim, CA

**Club Nets (Listen for
W6ZE):**

7.086 ± MHz CW **OCWN**
Sun- 9:00 AM – 10 AM
Rick KF6UEB, Net Control

28.375 ± MHz SSB
Wed- 7:30 PM - 8:30 PM
Bob AF6C, Net Control

146.55 MHz Simplex FM
Wed- 8:30 PM - 9:30 PM
Bob, WB6IXN, Net Control

VISIT OUR WEB SITE

<http://www.w6ze.org>

for up-to-the-minute club information, the latest membership rosters, special activities, back issues of RF, links to ham-related sites, vendors and manufacturers, pictures of club events and much much more.

Club Dues:

Regular Members ...\$20
Family Members* ...\$10
Teenage Members ..\$10
Club Badge**\$3

Dues run from January thru Dec and are prorated for new members.

*Additional members in the family of a regular member pay the family rate up to \$30 per family.

**There is a \$1 charge if you'd like to have your badge mailed to you.



Upcoming OCARC Events!!!

(Check the club website for updates and additions

<http://www.w6ze.org>)



Celebrating our 75th Year during 2008!

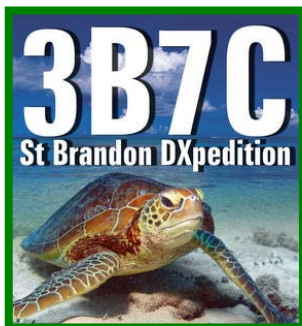


February 15th (Friday 7:00pm)

Bob Farrow "N6OPR" will provide us with a talk on 10-10 International. This is just in time for the coming upswing in the solar cycle. 10 meter propagation is just around the corner

March 21st (Friday 7:00pm)

Jim Day "W6DF" will provide an overview of the W6BH mega-station in Anza. Numerous towers and antennas make this station a dream for virtually any amateur operator. Jim engineered this station. You'll be amazed at the work that went into developing this antenna farm.



April 18th (Friday 7:00pm)

Speaker: Arnie Shatz - N6HC will speak about the 2007 3B7C DXpedition to St. Brandon, located in the Indian Ocean (East of Madagascar)

The Orange County

Amateur Radio Club "OCARC"

P.O. Box 3454

Tustin, CA 92781

Web: <http://www.w6ze.org>

Email: ocarc_info@w6ze.org



Renew Your OCARC Membership

Now Use PayPal to Pay Your
Club Dues

It's that time of the year again. Time to renew your OCARC membership for 2008, if you have not already done so.

Help continue to support your growing club. There are many entertaining monthly meetings, speakers and events planned for this year. But it can't happen without your support for OCARC.

Dues can be paid at the monthly club meetings, club breakfasts or via snail mail. Regular dues are only \$20. Additional family members are \$10 (Total). Membership for teenagers is only \$10 as well. What a deal!



OCARC
P.O. Box 3454
Tustin, CA 92781

Now Use PayPal to Pay Your Club Dues

It is a new year and OCARC will be sending out dues notices with the option of paying for your yearly dues by using PayPal. PayPal is the fastest method of paying, and it is very secure. You do not need to write a check or remember to pay the Treasurer during a club meeting. When you get the club's email message with the option of paying by PayPal, it is not SPAM. You may still pay by check, gold doubloons or cash (with the proper id) as you have in the past. Save yourself and the Treasurer some time and pay with PayPal.



Attention Members!!!

Do you know a fellow ham that would be interested in joining OCARC? Do you have a friend that is curious about ham radio and wants to learn more about our hobby? Why not invite him or her to one of our exciting monthly meetings?!?! The meetings are fun, informative and entertaining. Check out the upcoming events page in this newsletter to see the exciting speakers we have lined up for the next couple of months. Don't forget about the great raffle prizes too. So bring a visitor to one of our meetings, and help **your** club expand!

Make sure to inform your friends of our club's website, which is always kept up to date. Information on club meetings, activities and our newsletter archive make it a worthwhile site to surf! <http://www.w6ze.org>

OCARC and Visitors

Just a reminder to come and join the OCARC Wednesday evening radio nets.

10M net at 7:30 PM on 28.375 MHz (SSB)

2M net at 8:30 PM on 146.550 MHz (FM simplex)

Listen to the “Ham radio happenings podCast” !!!

Net control station is **W6ZE**

**The OCARC WEB site is always up to date at
www.W6ZE.org**

April Flores (Hughes) Returns Home

April Flores (Hughes) arrived home for R&R from her tour in Iraq? She arrived home 1-20-08 and is due to return to duty 2-10-08. It would be nice if club members could drop her an e-mail at stardragon301@yahoo.com She will be back stateside in a couple more months for at least 2 years before her next deployment. I will send a follow-up APO address shortly.

OCCARO HEADQUARTERS:

Chairperson and Vice Chairperson needed.

OCCARO is looking for **Chairperson** and **Vice Chairperson** as of the new elections held. Dino says he will stay on until someone takes the lead, but he has other plans to which he must attend.

As Amateur Radio operators, it should be in your best interest to participate in the planning and future of our clubs and take the lead every once in awhile as the leader of a group. Guidance is needed in OCCARO and I know there are lots of folks out there that can do this organization a great service.

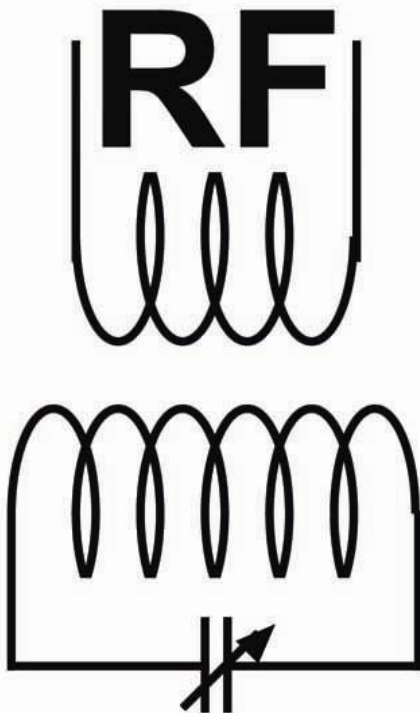
I encourage your support of Amateur Radio and of our clubs. If you are interested, please contact Dino Darling at dino@k6rix.com for further information.

Orange County Fair July 13, 2008 thru August 3, 2008

The Orange County Fair is approaching and we are in need of a Booth Director to lead us to another successful Amateur Radio presentation at the booth. This years' theme is "Say Cheese". If you have an interest, please contact Gordon West at SWMEOW@aol.com. Gordon has all the information that will help the booth director feel comfortable about this position. Many clubs have volunteered their time in the past and are doing so again this year.

[HTTP://WWW.OCFAIR.COM/OCF/](http://www.ocfair.com/ocf/)

A Bit of History



This symbol is a reproduction of the heading for the first issue of RF newsletter dated November 27, 1953. The original logo was hand drawn.

Issues Number One and Two of Volume One of the RF are now posted on our web site thanks to OCARC Historian, Bob – WB6IXN.

7 MHz Moonbounce Videos

On the 19/20th January Amateur Radio operators from around the world listened in to the HF transmissions from the High Frequency Active Auroral Research Program (HAARP) in Gakona, Alaska.

Several UK Radio Amateurs received the moonbounce signals during the early Sunday morning transmissions.

The video by Randy K7AGE is at
<http://www.youtube.com/watch?v=L5E2ntlXAsc>

The video by EB7FLW is at
http://www.youtube.com/watch?v=RKUTwfx0_mY

Related URL's

7 MHz Moonbounce
<http://www.southgatearc.org/news/january2008/haarp.htm>

Los Angeles Marathon Volunteers Needed

Volunteer radio operators are needed at the Los Angeles Marathon on Sunday March 2, 2008, to provide communications throughout the course. Operators are positioned at every mile location, at first aid stations, at the start/finish lines, and in the Command Center.

Volunteers should register now at:

http://www.doitsports.com/volunteer/info.tcl?job_id=488

Yuma Amateur Radio Hamfest

This is a reminder that the Yuma Amateur Radio Hamfest Organization (YARHO) will again be sponsoring a hamfest in Yuma next month. The Fourth Annual Yuma Hamfest and Electronics Expo will be held in Yuma on February 15 and 16, 2008 at the Yuma County Fairgrounds.

This year we are featuring the "Country Store", a consignment sales area. If you only have a few items to sell and do not want to pay the tailgating fee or stand around all day trying to sell what you have, put your gear in the Country Store and our staff will sell your items for a nominal 10% fee.

We also have an expanded seminar list this year which includes such subjects as ARES Database, D-Star Systems, Software Defined Radios, and Ham Radio and Lasers. The full schedule is available at www.yumahamexpo.com/seminars.html

<<http://www.yumahamexpo.com/seminars.html>> For more information on the Yuma Hamfest and Electronics Expo, please check out our website at www.yumahamexpo.com <<http://www.yumahamexpo.com/>> .

73,

George Scott 3rd K7YMA
Publicity Chairman, YARHO

7P8FC DXPEDITION TO KATSE DAM, LESOTHO

PRESS RELEASE 05-02-2008

7P8FC DXPEDITION TO KATSE DAM, LESOTHO

Belgium operators and members of the Radio Club Secunda from South Africa will be active from Katse Dam in Lesotho from 27 March 2008 to 3 April 2008. The TEAM is as follows: Filip / ON4AEO (previously operated 3DA0FC), Kath / ON7BK (previously operated 3DA0FC), Gert / ZS6GC (previously operated 3DA0FC), Sid / ZS5AYC, Lucas / ZS6ACT, Tom / ZS6TMO, Adele / ZR6APT, Edwin / ZS5BBO, Janet / ZS5JAN, Steffi and Elna.

The TEAM will be active on the following frequencies and modes:

MHz	SSB	RTTY	PSK
1.8	1.845		-
3.5	3.780	3.590	-
7.0	7.063	7.040	7.038
14.0	14.185	14.084	14.072
18.0	18.136	18.104	18.102
21.0	21.290	21.084	21.072
24.9	24.930	24.924	24.922
28.0	28.490	28.084	28.122

The TEAM will make use of the following radios:

Two Icom IC706's, one TS50, two FT857's, one FT707, one Icom IC720A, one TS120S and a HA 14 Heathkit with HA24 power supply.

The TEAM will make use of the following antennae:

A 40m ¼ wave vertical from GB Tower, a 80m ¼ wave vertical Spider Beam, on 10-15m a Spider Beam and on 10, 12, 15, 17 and 20m a Hexbeam. We will also be using a 3 element STEPPIR antenna with add on 40-30m. Listening antennae on 80m will be a K9AY loop and for listening on 40m we will use a dipole antenna. If antenna can be repaired in time we will have a Battle Creek Special for 160m and 80m (let's hold thumbs this comes about).

The QSL manager is ON4CJK. The direct address is: **_José Duyck, Molenakker 56, 8740 Egem, Belgium.**

Further information on this expedition can be obtained by visiting our website at:

<http://www.7p8fc.be/index.htm>

We will also be active during the CQ WPX SSB contest.

2008 Contest Schedule

FEBRUARY:

16-17 ARRL International DX Contest (CW)

MARCH:

1-2 ARRL International DX Contest (Phone)

JUNE:

14-16 ARRL June VHF QSO Party

28-29 Field Day

JULY:

12-13 IARU HF World Championship

AUGUST:

2-3 ARRL VHF Contest

16-17 ARRL 10 GHz and up Contest

SEPTEMBER:

13-14 ARRL VHF Contest

20-21 ARRL 10 GHz and Up Contest

NOVEMBER:

1-3 ARRL November Sweepstakes (CW)

15-17 ARRL November Sweepstakes (Phone)

DECEMBER:

5-7 ARRL 160 Meter Contest

13-14 ARRL 10-Meter Contest

TechTalk

TechTalk #56 - Scientific Breakthrough:

Higher Energy Capacity

for

Rechargeable Lithium Batteries

-- Coming Soon --

by Ken Konechy – W6HHC

The December 2007 online issue of the Nature Nanotechnology magazine contained an exciting research paper by scientists at Stanford University on improving lithium batteries. Candace K. Chan, Robert A. Huggins, and Yi Cui prepared a paper describing their new concept and research to increase the Energy Capacity of rechargeable Lithium Batteries by as much as 10 times over the current commercially available batteries.

"This idea will have a really high impact on battery technology," said Stanford chemist Asst Professor Yi Cui, who is the lead researcher behind a study. "This is really revolutionary."

The approach of these researchers was to replace the material in the anode of a rechargeable Lithium battery with silicon nanowires. The previous obstacle with silicon anodes is that the silicon swells in size 400% as it absorbs (aka "injected with") Lithium ions. Previously tried silicon structures with larger geometries would break as they expanded. The new silicon nanowires are small enough and strong enough that they do not break when they

expand 400% in size.

Figure 1A (on the left) below shows a photomicrograph of the size of Silicon nanowires that are not holding any charge (Lithium ions). In contrast, Figure 1B below shows the relative increase in size of Silicon nanowires when fully charged (a 400% increase in size).

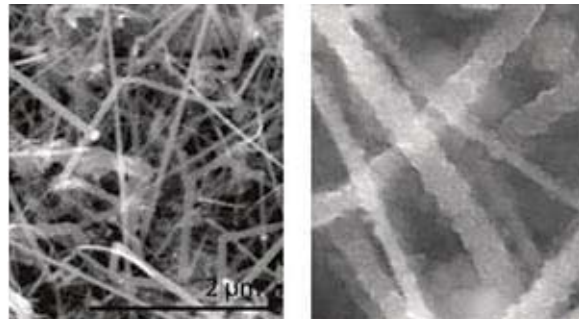


Fig 1A – Uncharged Silicon Nanowires Fig 1B – Charged Silicon Nanowires, 400% larger

These new batteries exist today only in a research laboratory. It is always possible that when this technology reaches commercial production, the theoretical gains (of x10) can not be reached....maybe the improvement is only x5. But, think of what a "500% increase" over existing Lithium batteries can mean.

Maybe my handheld radio will last a full week or more of usage on one charge, instead of just 2 days. Maybe my notebook computer will last a full air plane journey (10 hours) on one charge instead of just 2 hours. The possibilities are exciting at "times 5"...and then what if "times 10" really does succeed?????

Old Radio

Heathkit of the Month by Bob - AF6C

Over the years I've owned many different Heathkits. Most were bought new and assembled, but a few were acquired completed, with many needing restoration; a few even passed through the shack because their owner built the kit and needed help to get it to work. Each month this column will review a Heathkit from the past and maybe tell a few adventures about it. For the old-timers there will be moments of nostalgia, and maybe for the new hams who have never built a Heathkit there will be moments of regret.



Heathkit GR-121 AM Clock Radio (1963)

This month lets start off with a simple kit. Besides ham equipment, Heath made electronic household kits. Their early color TVs were noted for excellence because the, then difficult, task of adjusting color could be accomplished easily by the owner using alignment equipment built right into the TV set. As a young teenager I remember going to an electronics show in downtown New York City. Two things that stood out in that show were the a National Radio Co. Frequency Standard that took up a full six-foot relay rack, and the Heathkit color TV that stood out with it's superior picture standing out over all the other well know brand names at the show. The guy at the Heath booth commented that they readjusted the TV almost daily to keep the picture looking its very best. However, many passerby's were disappointed when they found the best performing TV was a kit and not available assembled.

No, the kit featured this month is not a TV, it is the Heathkit GR-121 AM Clock Radio. This kit was available around 1963. I was given one as a high school graduation

present. I remember Vicki, in my class, got a new Corvette for graduation! Bob got a clock radio that he had to assemble himself!

Assembly took place on the screened-in porch of my parent's home in Manhasset N.Y. over a few warm July days. I actually built the kit on the same folding metal table has been used at most of the W6ZE Field Days!

The analog clock part of the radio came pretty much assembled with terminals to wire up the radio and auxiliary outlet. The radio was point-to-point wiring (no printed circuit board), and like most AM radios of the time had five tubes. However the tube types used were quite different than the standard five tube AC-DC radios of the day that almost always had the following tube lineup: 12BE6 mixer/osc, 12BA6 IF amp, 12AV6 detector/audio amp, 50C5 audio output and 35W4 rectifier. Instead the GR-121 used the "power saver" tube lineup that used only 100 ma heater current instead of 150 ma. Heath probably did this because their radio was one of the rare five tube AM radios that used a power transformer. The power transformer added expensive over the common AC-DC radio that ran directly from the AC line. It also eliminated the safety problem of a hot chassis. This also allowed the addition of a jack for the use of headphones or a "pillow" speaker. The different tube lineup resulted in a longer warmup period and also made the radio come in volume more slowly, probably a plus when the radio is set to turn on at five in the morning.

The GR-121 gave good service during my college years. It was tuned to a local State College, PA radio station back on Friday November 22nd, 1963, while I was studying for a Chemistry Lab exam scheduled for later that day. The music was interrupted by the news that President Kennedy had been shot in Dallas. Until that moment I was looking forward to a visit from my girl friend who was coming down from Elmira College for the weekend. We already had tickets to see Cary Grant in *North by Northwest* playing that evening at the student center. The movie was canceled, as was most activities over that weekend; people just sat around in shock and disbelief listening to the news. That day comes back to mind whenever I think of the GR-121.

Some years later the radio developed an intermittent. Expecting a long hidden cold sold joint I began to troubleshoot the radio. The problem was internal to one of the IF transformers. A replacement part was purchased from Heath and the radio again played solidly.

However, in the early 80s the clock was beginning to get noisy and there was a new GE solid state radio with digital tuning on the market. The GR-121, after all those years of service was given to Goodwill.

Heathkit GR-121 Clock Radio Specifications (from 1963 Heathkit catalog):

Features:

- Transformer operated power supply.
- Timer operated outlet for household appliances.
- Sleep switch – radio alarm – output jack for pillow speaker.

Specifications:

- Tuning Range: 535 kc to 1620 kc.
- Intermediate Frequency: 455 kc.
- Controls: Clock, Sleep timer, up to 60 minutes, Selector, Auto Radio, On, Off, Radio Alarm, Time Set and Alarm Set, Tuning, and Volume control with on-off switch.
- Tube complement: 18FX6 Osc-mixer; 18FW6 IF amp; 18FY6 Detector-1st audio amp; 34GD5 Audio Output; 36AM3 Rectifier.
- Power supply: transformer-operated half-wave rectifier.
- AC outlet: Switched, 1200 watts maximum, located on rear.
- Speaker jack: For pillow or extension speaker, located on rear.
- Dimensions: 10" W x 5" H x 5" D.
- Price \$29.95.

SUBMIT AN ARTICLE

You don't need to write like William "Bill" Shakespeare in order to write an article for the RF Newsletter. In fact, we prefer articles without the words "Thy", "Whilst", "'Tis" and "Oft".



Do you have an idea for a newsletter article? Maybe you have acquired a new piece of equipment, designed or constructed a new antenna, took a trip focused around ham radio, want to share an amateur radio related experience or discuss a technical topic. Why not write an article for the monthly RF newsletter? The article can be short or long, simple or elaborate, and can even include pictures!

The RF newsletter relies on articles from our members. So why not give it try? Write an article and send it to the newsletter editor. It's fun, and at the same time, your contribution helps support our club and hobby!

If you want you can also try your hand as the newsletter editor. We have a rotating editor monthly and would love to have someone new give it a try. There is a template and it is easy and fun!!

OCARC**Board Meeting Minutes****2008-02-02**

The OCARC Board meeting was held at the Jager-Haus Restaurant in Anaheim at 8:15AM on Saturday, 2008-02-02. There were a total of 13 members attending. There was a quorum of directors present, with only Rich-KE6WWK being absent with illness.

DIRECTOR REPORTS:

- **Treasurer** – The treasurer was provided with the key to the club Post Office box.
- **Secretary** – Ken-W6HHC reported that he had down-loaded the forms for renewing the ARRL Special Service Recognition status for OCARC.
- **Publicity** – Rich-KE6WWK was absent and it was decided to postpone the board discussion of how much publicity/recruiting the OCARC wants to do this year. Do we want to grow the membership...or just status quo??

OLD BIZ:

- **RF NewsLetter “Rotating” Editors**
 - February is Loran KD6LRD
 - March is Bob AF6C
 - April is Nicholas AF6CF
- **Banking Signatures**
Bob-AF6C reported that are necessary officers would take care of changing the signature files at the bank, after the breakfast.
- **Future Club Programs**
Kristin-K6PEQ reported that she would e-mail the OCCARO “Speakers List” to the club VP, Nicholas-AF6CF.
- **Field Day 2008**
 - Willie-N8WP reported that he wanted do similar band plan for 2008 FD that was used last year, just scale it down a bit.
 - Willie announced he would prepare an e-mail message for club members asking for volunteers to be Team Captains.

The board approved a motion for the club to spend no more than \$1,000 to purchase a second 40-ft aluminum tower and a base plate for Field Day.

- **OCARC 75th Anniversary**
OCARC will conduct a contest among members to suggest a LOGO for the club’s 75th Anniversary.
- **OC Fair Ham Booth**
 - Ken-W6HHC reported that a plea for an OC Fair Ham Booth director was made at the club’s January club general meeting...with no takers. There was general agreement at the club general meeting to again staff the ham radio booth on two days and to provide financial support for the OC Fair booth.
 - The board approved a motion to provide \$100 to OCCARO for support of the OC Fair Ham Radio Booth.
 - The board approved a motion to provide \$20 for OCARC 2008 membership in OCCARO.
- **Working with Scout Troops**
Willie-N8WP reported that he is discussing Field Day with a scout leader that works at his company. I encourage others to do the same.
- **Standard Form Letter for Inquiries**
WEB master, Ken-W6HHC, said he was waiting obtain a copy of Willie’s response and add it to our existing “new to ham radio” WEB page.
- **Pay Pal for WEB Site**
No progress to report.
- **Online Membership Database**
Ken has provided Willie with the WEB site control passwords and FTP passwords.

Board – cont'd from Pg 13**• New 40M Net??**

- Nicholas-AF6CF and Ken-W6HHC report that the discussion about the formation of a new 40M net resulted in about 10% of the January meeting attendees to indicate that they had an interest.
- The board encouraged Willie-N8WP to informally start up the new 40M SSB net and see how it catches on.

• Other OLD Biz Topics

The following topics were also discussed with no action taken:

- CERT Training
- Fox Hunt Picnics

NEW BIZ:

- The board reviewed that Arnie-N6HC had volunteered to check QSL cards for OCARC Members and approved the Arnie's generous offer. Arnie-N6HC will be added to the club WEB and Newsletter along with Larry-K6VDP.
- Ken-W6HHC reported that Arnie-N6HC had talked about his receiving a "club coffee mug" from a radio club in LA as a gift for providing a talk on a DX-pedition...and thought this was a terrific memento for a club speaker. The board agreed that we should look into buying "ceramic coffee mugs" with the new OCARC 75th logo on it. The assignment was handed to (missing) publicity chair, Rich-KE6WWK, to look into pricing and styles.

Submitted by: Ken Konechy W6HHC
Secretary

OCARC General Meeting Minutes

2008-01-18

The OCARC January General Meeting was held at the Red Cross complex in Santa Ana at 7PM on Friday evening, Jan 18th. There were a total of 39 members and visitors present. A quorum was present with all of the club directors attending, except Willie – N8WP and Hank – W6HTW.

PROGRAM:

An extremely informative program was presented by our speaker Bill Scholz W1HIJ, who gave a talk on:

“KPH coast communications station”

Bill-W1HIJ explained that the early coastal communication station for the Pacific region had its original location in San Francisco on top of the Palace Hotel....hence its original call letters were “PH”.



Fig 1 – Bill-W1HIJ showed PIXs from operations during the 2007 “Night of Nights” at KPH.

Today, the KPH station, located near Point Reyes, is no longer commercially active. It is preserved and open for tours by the Maritime Radio Historical Society. It is an unbelievable collection of about 45 transmitters in the 5K- to 15KW range. It had a corresponding number of transmitting antennas.

The listening building was located about 17 miles away...in a very very quiet part of the Pacific coast line.

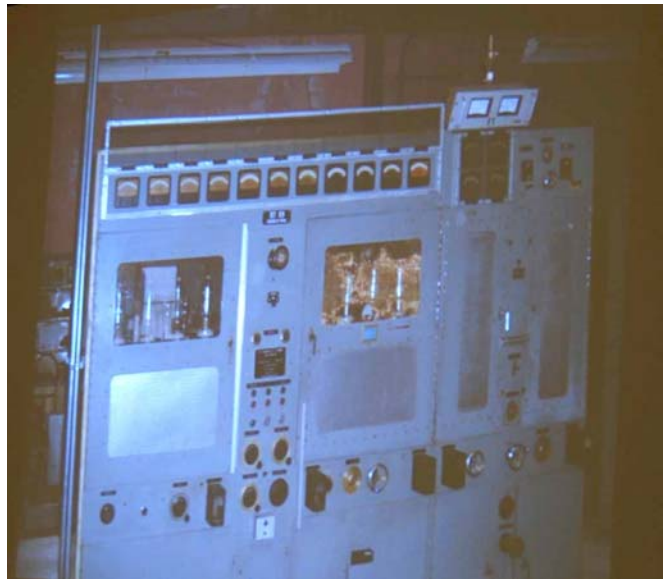


Fig 2 – This 15KW transmitter is just one of about 45 Transmitters that were used at KPH.

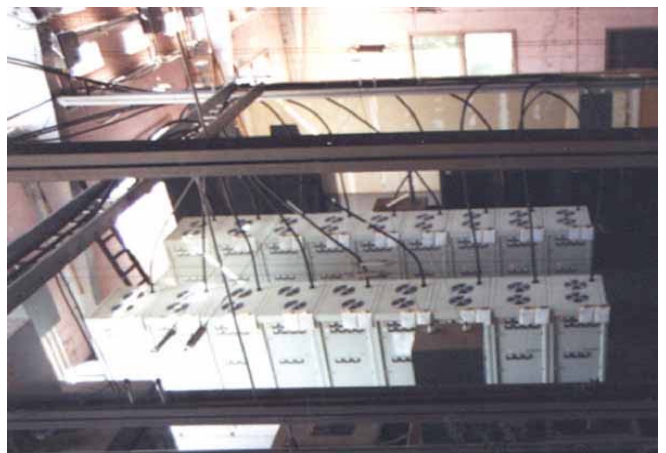


Fig 3 –This view from above shows a bank of 32 Henry Radio 5KW transmitters.

General Minutes – continued from Pg 21**OLD BIZ:**

After the program and a break, OCARC VP Nicholas AF6CF covered two area of business.

- **A New 40M Club Net??**

At the January Board meeting, there was discussion of the OCARC starting a 40 M SSB net. The main goal was to permit net communications with stations further away (say up to 200 miles). The board was not going to shut down the existing two club nets (10M SSB and 2M FM), just seeking the level of interest for a new 40M SSB net.

Nicholas-AF6CF did a “show of hands” about the possible new 40M net to reveal that

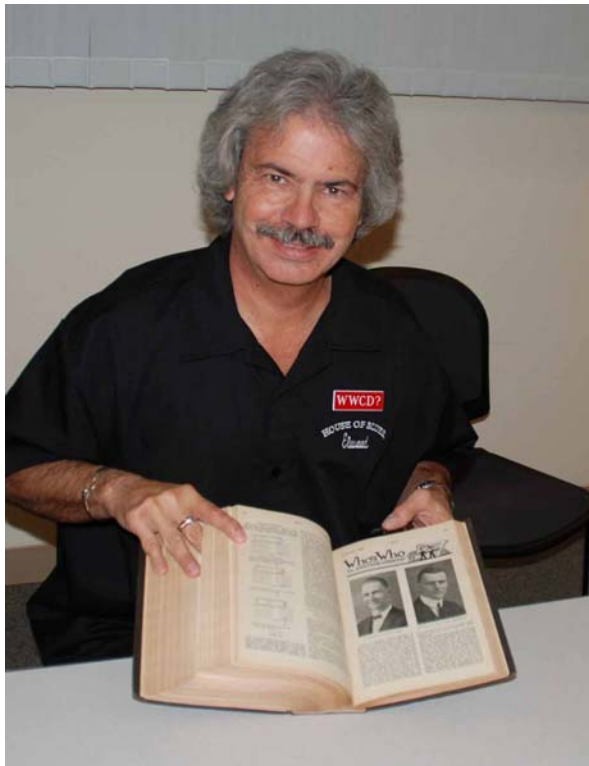
- 6 people (+ Willie) have antennas
- 4 people (+ Willie) have an interest

- **OC Fair Radio Booth Leadership**

At the January Board meeting, it was reported that OCCARO is looking for leadership from a ham or two to organize the Ham Radio Booth for the 2008 OC Fair. Discussion at the OCARC general meeting did not reveal any “takers” willing to volunteer as a new director for the OCCARO OC Fair activity. There was general agreement that OCARC was interested in staffing two days at the OC Fair this year.

GOOD OF THE CLUB:

Chip-K7JA provided a show-and-tell on an old “leather-bound” collection of ARRL QST Magazines from 1924. The bound QST magazines had been found at an estate-sale. If you look carefully in the PIX below, you can see a photo of a very young Don Wallace W6AM (now SK).



Submitted by: Ken Konechy W6HHC
OCARC Secretary

OCARC 2007 Financial Statement
Jan 1, 2007 through Dec 31, 2007

<u>Item</u>	<u>Income</u>	<u>Expense</u>	<u>Net</u>
ARRL Membership:	\$ 185.00	\$ 179.00	\$6.00
Auction:	510.00	164.70	345.30
Awards / Certificates:		39.41	(39.41)
Badges:	53.00	20.01	32.99
Cash Donations:	564.62		564.62
Club Members:		\$ 14.62	\$ 14.62
Kei Yamachika Trust:		300.00	300.00
U.S. Sensors Inc.:		250.00	250.00
Christmas Dinner:	1,219.00	1,319.00**	(100.00)
Dues - Membership 2007	1,071.00	6.00	1,065.00
Dues - Membership 2008	300.00		300.00
Field Day:		982.91	(982.91)
Food / Misc:			\$ 762.91
Tower Base:			220.00
OCCARO:		120.00	(120.00)
Operating Expenses:		421.47	(421.47)
P.O. Box (Yr.):			40.00
Insurance:			322.00
Trifold Brochures:			59.47
Raffles/drawings:	3,466.00	1,922.64	1,543.36
Monthly:		1,764.00	1,484.32*
Xmas Party:		1,702.00	424.00
Tickets:			14.32
Website:		119.88	(119.88)
Totals:	\$ 7,368.62	\$ 5,295.02	\$ 2,073.60

OCARC Checking Account:

Statement Balance (1/1/07)	\$ 2,677.00
Outstanding check #709	<u>(3.60)</u>
Beginning Balance (1/1/07):	\$ 2,673.40
Income 1/1/07 - 12/31/07:	\$7,368.62
Expenses 1/1/07 - 12/31/07:	<u>(\$5,295.02)</u>
Ending Balance (9/30/07):	\$ 4,747.00

* **Note:** Raffle expense includes a \$10.00 overpayment to HRO in November that should be credited on the next HRO order.

** **Note:** A \$200.00 deposit held by The Jagerhaus for the 2007 Dec. party has been rolled over for the 2008 Dec. party.

Approved: (Signed copy on file.)

Statement Balance (9/30/07) \$ 4,747.00

L. Dargatz KD6LRD
Loran Dargatz - Committee Member

OCARC Savings Account:

Beginning Balance (1/1/07)	\$ 778.19
Interest (12 months):	<u>5.44</u>
Ending Balance (12/31/07):	\$ 783.63

M. Gussow W6GMU
Paul Gussow - Incoming Treasurer (2008)

Total Balance (12/31/07):

Checking Account:	\$ 4,747.00
Savings Account:	<u>\$ 783.63</u>
Total:	\$ 5,530.63

R. Eckweiler AF6C
Bob Eckweiler - Outgoing Treasurer (2007)

Valentine Word Search

D	X	I	G	N	E	L	M	E	S	R	M	E	E	T	I	N	G	S	F
X	E	M	M	A	H	E	V	M	B	T	C	A	D	G	H	E	A	U	N
I	A	C	F	Z	M	H	L	E	U	C	L	O	V	R	O	T	O	P	E
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Q	S	U	T	E	X	A	U	L	E	F	N	T	I	N	R	E	M	L	E
V	A	L	E	N	T	I	L	E	C	V	L	D	F	E	I	H	R	F	V
H	A	M	Q	U	E	D	C	O	U	N	T	Y	R	T	H	A	N	S	E
A	R	T	S	O	R	A	N	R	V	J	B	S	U	L	C	L	U	V	N
S	H	N	D	E	I	R	F	A	I	E	E	M	E	E	T	I	G	N	T
D	R	C	N	C	L	U	H	G	V	V	L	S	H	G	A	U	M	B	S
V	A	L	E	N	T	I	N	E	O	E	F	R	E	I	N	D	S	N	U
J	F	U	I	D	N	R	A	F	L	N	J	A	L	B	U	I	L	C	F
O	F	S	R	U	F	A	T	R	C	P	E	H	E	L	O	F	X	F	U
R	E	B	F	B	M	F	D	A	C	T	I	V	I	T	I	E	S	D	B
A	I	N	H	C	J	F	V	H	L	O	V	D	W	X	O	R	A	N	H
N	H	E	A	R	T	L	H	E	A	R	S	U	P	P	O	R	T	Y	M



LOVE
HEART
ACTIVITIES
ELMER
ACT

ORANGE
CLUB
THANKS
MEETINGS

DXING
MEMBER
HAMS
FUN

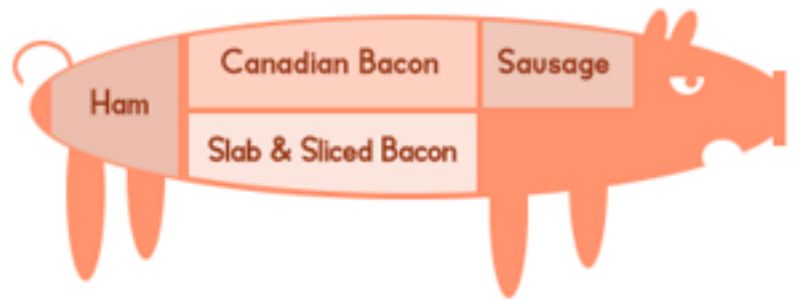
COUNTY
VALENTINE
RAFFLE
HEAR

RADIO
EVENTS
SUPPORT
MEET

AMATEUR
FRIENDS
HELP

Ham Cuisine

by *Kristin Dankert K6PEQ*



Aegean Island Ham Sandwich

While you're eating this delicacy, imagine that you are relaxing on a beach chair in the Mediterranean with your favorite QRP rig and a vertical in the water.

Ingredients:

- 1/2 cup shredded ham
- 1 tablespoon olive oil
- 2 teaspoons fresh lemon juice
- 1 cup spinach leaves
- 1 teaspoon dried oregano
- 2 pita bread halves

Cooking Directions:

In a small bowl, toss together ham, olive oil, lemon juice, spinach and oregano. Divide ingredients evenly between pita halves.

Serves 2.

Serving Suggestions:

Ham paired with Mediterranean flavor offers a surprising combination in this pita sandwich. Serve with marinated olives.

Cuisine Tip:

This Aegean island ham sandwich goes well with a Pina Colada. Then again, Kristin & Dan typically recommend a Pina Colada with any meal.

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