



ORANGE COUNTY AMATEUR RADIO CLUB, INC.

VOL. XLIX NO. 4

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

April 2008

The Prez Sez.....

By Willie N8WP



(Taken April 01)

Hello OCARC !

Summer is almost upon us. It will be Field Day soon. I hope everyone is as excited about Field Day 2008 as I am. I would like to see the club Super Size it this year and take first place. This is a very doable prospect.

Tomorrow is the monthly club board meeting. Everyone is welcome to attend. I love hearing new ideas to make the club more dynamic and active. Stay tuned

for 2 fox hunting weekends this year. The fox hunts will terminate in an Orange County park and we will all celebrate with a cookout. 2008 will also be the year for a "Not So DXpedition". How does avoiding the heat of the summer by finding a nice cool mountain top campsite. I have the Angeles Crest area in mind, but I am open to suggestions. Perhaps Palomar Mountain and a tour of the observatory would be a good choice. Remember it is your club and your advice and counsel are needed.

Have a safe month...

73,

Willie - N8WP

Just a note that the ARRL has restored the Special Services Club (SSC) recognition to OCARC

We always have known that we are special..... now we are officially so.

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

Esta revista se escribe en ingles porque sus lectores no leen otro idioma, asi que seria absurdo editarla en frances, arabe o ruso.

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Field Day preparations and planning have started!!!!

Are you ready to participate?

The next general meeting will be:

**Friday, April 18th
@ 7:00 PM**

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

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



2008 Board of Directors:

President:

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2008 Club Appointments:

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OCCARO Delegate:

Loran Dargatz, KD6LRD
(714) 777-9081
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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.

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 breakfasts or via snail mail. Additional family members for teenagers is only \$10 as



monthly club meetings, club Regular dues are only \$20. are \$10 (Total). Membership well. What a deal!

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>

A HISTORY OF THE ORANGE COUNTY AMATEUR RADIO CLUB - Part 2

by Bob - WB6IXN, Club Historian

In 1939, the Club met in the Santa Ana YMCA. Another pre-war activity of the Club was the "Century Club", representing members who had worked 100 countries or more. From its beginning, the Century Club was a challenge! Swelling its ranks were: Shelley Trotter, W6BAM, leading with 116 countries worked, 106 verified; Noral Evans, W6ADT; S.T. McNeal W6LDJ; Tom Hudspeth, W6LHN; and Al Hill, W1QMI.

This time, the Club remained active into 1942, and then once more disbanded because its members became involved in winning a war. Shelley Trotter, W6BAM, turned the Club records over to Howard Bogue, W6CFN, before Shelley 'trotted' off to war. However, between 1936 and 1942, the Club prospered and it had many notable members. A few are listed:

W6MNP Cecil Hamilton, Santa Ana; W6SIX, Will Schaffer, San Diego; W6IDJ, Tom McNeal, Santa Ana; W6GSZ, Ed Wood, Santa Ana; W6IBN, Roy Cumpston, Santa Ana; W6JMA, Norm Hicks, Santa Ana; W6NRM, Bob WeitBrecht, Tustin; W6DHP, John Willcutt, Santa Ana; W6QUQ, Dick Pearson, Santa Ana; W6BVX, John Trotter(BAM's brother), Santa Ana; W6BFE, Hayden Helt, Tustin; W6UFG, John Farwell, Santa Ana; W6LXS, George Tokar, Buena Park; W6KLU, Harry Christensen, Fullerton; W6QXL, Alyce Raffi, Fullerton; W6HQX, Ray Wood, Santa Ana; and Bob Haven.

Either before the war or shortly thereafter, the Whittier ARC became active in Orange County. The OCARC was made up mostly of "DXers" and it met once every two weeks.

Below, is a list of a few more hams who operated in Orange County. Some were Club members, and some were not. However, I will list them for nostalgic reasons:

W6NMP, Cecil Hamilton (worked at the post office);

W6LDJ, Tom McNeal (Mac), treasurer of Club, member of OC Century Club, 1st amateur radio instructor at OCC, great grandson of famous Ross family after whom Ross St. in Santa Ana was named;

W6GSZ, Ed Wood, an Engineer at radio station KFI, licensed in 1933, had polio as a youngster;

W6IBN, Roy Cumpston, vice pres. Of Club in 1938;

W6JMA, Norm Hicks, now probably in San Diego(1978), was on refreshment committee;

W6NRM, Bob Weitbrecht, an Edison in radio, inventor, college man, handicapped in speech and hearing (LDJ could understand him well);

W6DHP, John Willcutt, Club officer in the 30's, won HV transformer for home brewing, 1st ham in Orange County on 15m (probably used a harmonic freq.), got his call in '30 or '31, worked for the post office in Tustin;

W6CFN, Howard Bogue, possibly secretary in 1942;

W6QUQ,?;

W6BVX, John Trotter, Shelley's brother, now a silent key May 27, 1968;

W6BFE, Hayden Helt, 1st ham in Tustin, He, Shelley, and John Trotter all took their tests together in LA for a ham license;

W6CIG, "Bob" Burton Baird, post office employee now a silent key;

W6UFG, John Farwell, worked for the post office;

W6LXS, George Tokar, was engineer at KFI;

W6KLU, Harry Christensen, still around (in 1978), has a 2-letter call, very intelligent, was first active in 1934;

W6QXL, Alyce Raffi, came to last meeting in 1941 when Shelley was president, had her picture in QST;

W6HQX, Ray Wood, worked with RCA Communications along with John Shick, W6LQX;

W6LQX, John Shick, vice pres. 1941, Was he ever president? When?

(to be continued - Next month)

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**



The COAR RACES HAMS Prepare for Baker-2-Vegas Relay Race – 2008

by Ken – W6HHC

Each year, over 200 law enforcement agencies participate in a relay foot race through the desert, called “Baker-to-Vegas” or just “B2V”. The race is scheduled for April 19-20 and consists of 20 legs that begin near Baker (in California) and heads towards the small town of Shoshone...and then heads over the mountains to Las Vegas.

The hams of the City of Orange COAR RACES group have been planning to provide communications for the Orange PD running team along the entire 120-mile course. The photo below was taken at the last COAR B2V planning meeting, held on April 1. Over 25 hams, including 10 hams from the OCARC, will be helping COAR provide communications during this year’s event.

OPD COAR Baker-2-Vegas 2008



Front - Bob-AF6C, Elmer-WA6PFA, Leon-KK6AB, Rich-KE6WWK, and Robbie-KB6CJZ
 Standing (L-R) - Ken-W6HHC, Dick-N6ISY, Gerald-KD6JBL, Nicholas-AF6CF, Mike-WA6OUE,
 Steve-KB6ROL, Mike-KF6QFY, Rich-KR6BA, Steve-KI6DDE, Jay-KK6OZ, Noah-KF6FOJ
 Dave Nichols (Captain Running Team), Willie-N8WP, Mike-KF6WRM, George-KK6KN, Bev-KI6APH,
 Bruce-KC6DLA, Dave-KG6RWU, Dieter-N6ZKD, Bob-WB6FCP, Les-KM6SQ, and
 Debbie Klein (OPD Volunteers Coordinator)

2008 Contest Schedule

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:

1-2 ARRL November Sweepstakes (CW)
15-17 ARRL November Sweepstakes (Phone)

DECEMBER:

5-7 ARRL 160 Meter Contest
13-14 ARRL 10-Meter Contest

Heathkit of the Month The DX-40 Transmitter

by Bob Eckweiler, AF6C

This month I chose the Heathkit DX-40 since a ham always remembers his first transmitter, especially if it is homebrew or a kit. The DX-40 is only one of a large line of kit transmitters built for use by new hams who received their Novice Class license. The FCC designed the Novice Class license specifically to let new hams build up their code speed and learn operating practices prior to taking their General Class test before an FCC examiner. A novice could operate only CW on HF* and only on small segments of the 80, 40, and 15 meter CW bands. Power input was limited to 75 watts and the transmitter had to be crystal controlled. The DX-40 met all these requirements and also had built-in AM capability so a Novice Class could continue to use the radio after upgrading to General just by adding a VFO. Conveniently, Heathkit also made the VF-1 VFO that would work with the DX-40 and many other transmitters. Prior to the DX-40 Heathkit made other Novice transmitters including the AT-1, DX-20 and DX-35. Let's look at them briefly:

The AT-1 Transmitter:

The AT-1 was the first Heathkit amateur transmitter. It was built from 1951 through 1956 and utilized only three tubes, a 5U4 rectifier, a 6AG7 oscillator - multiplier and a 6L6 amplifier – frequency-doubler. The radio ran 25 - 30 watts input and covered 80, 40, 20, 15, 11 and 10 meters. Frequency was determined by a crystal that plugged into a socket on the front panel. The 6L6 used link



Heathkit AT-1

coupling to match a 50 - 75 ohm antenna. The transmitter had connections on the back for an external plate modulator and for power to run an external VFO. Heathkit also built a pair of companion receivers, the AR-2, and later the AR-3. The AT-1 was advertised in 1956 at \$29.50.

The DX-20 Transmitter:

The DX-20 Transmitter replaced the AT-1 in 1957 and continued in production until 1960. It also used three tubes, a 5U4 rectifier, 6CL6 oscillator - multiplier and a 6DQ6A final amplifier. The 6CL6 is a miniature version of the 6AG7 and the 6DQ6A was a tube designed for TV Horizontal



Heathkit DX-20

sweep. Heathkit was one of the first to use this type tube for RF amplification. Sweep tube finals became very popular in the later years. The DX-20 also covered the same 80 - 10 meter bands as the AT-1. It had provided 50 watts input. This month I chose the Heathkit DX-40 since a ham always remembers his first transmitter, especially if it is homebrew or a kit. The DX-40 is only one of a large line of kit transmitters built for use by new hams that received their Novice Class license. The FCC designed the Novice Class license specifically to let new hams build up their code speed and learn operating practices prior to taking their General Class test before an FCC examiner. A novice could operate only CW on HF* and only on small segments of the 80, 40, and 15 meter CW bands. Power input was limited to 75 watts, and the transmitter had to be crystal controlled. The

DX-40 met all these requirements and also had AM capability so a Novice Class could continue to use the radio after upgrading to General just by adding a VFO and mike. Conveniently, Heathkit also made the VF-1 VFO that would work with the DX-40 and many other transmitters. Prior to the DX-40, Heathkit offered Novice transmitters including the AT-1, DX-20 and DX-35. Let's look at them briefly:

The DX-35 Transmitter:

The DX-35 was the forerunner of the DX-40 and was in production only two years, from 1957 through 1958. It had six tubes including a buffer stage between the oscillator and final amplifier assuring better grid drive on the higher bands. The tube line up was a 5U4B rectifier, two 12BY7s, one the oscillator and one the buffer, a 6146 final amplifier tube, and since the transmitter had AM capability, a 12AX7 speech amplifier and a 12AU7 carrier control and modulator. The 6146, being a true transmitting tube ran 65 watts input on CW and 50 watts on AM phone. The pi-network output could match loads up to 1000 ohms. Frequency was still by crystal control though the radio was designed to also work with the VF-1 VFO. A plate in the back of the radio could be removed to allow installation of up to three crystals and the VFO plugged right into an RCA jack on the back. The back also had a switch that let you select one of the three crystals or the VFO. The DX-35 kit sold for \$56.95.

All of these transmitters had a meter on the front. The meter was one of the older style black metal cased meters with a pointer without much damping. The meter needle would swing wildly when transmitting CW.

The DX-40 Transmitter:

The DX-40 was an upgraded replacement of the DX-35 and was manufactured from 1958 until 1960. Cosmetically, the DX-35 and DX-40 were very similar with one exception. The DX-40 sported a new modern style, well damped meter. Internally there were other changes too. The 12BY7 oscillator-multiplier and buffer tubes of

built-in

the DX-35 gave way to 6CL6 tubes and the 12AU7 controlled current-modulator tube was replaced with a 6DE7. These modifications, along with a slightly beefier power supply, resulted in the DX-40 being able to run 75 watts, which was the maximum Novice power level. The DX-40 used the same crystal-switching scheme as the DX-35.



Heathkit DX-40

The designers at Heathkit did a few unusual things in the design. First, the 5U4GB, which is a heavier version of the 5U4 was actually run above its maximum plate-to-plate voltage rating by about 350 volts. Heath tested this extensively and even mentioned it in the kit's manual. Evidently this never led to any significant problems so their testing was valid. The second thing they did was to run the power to the oscillator and buffer circuits in series. This allowed the two tubes to run directly from the 600-volt high voltage supply and cut down the need for a lower voltage power supply. Those two circuits draw a fair amount of power, so otherwise Heath would have had to add a low voltage supply or use heavy dropping resistors for those stages. Since the modulator stage runs at full voltage in AM mode, the only other stages requiring lower voltage are the three audio stages which draw very little current and can use half-watt dropping resistors. Heathkit did pay a small penalty for this

design. Since the cathode of the 6CL6 buffer stage ran at nearly 300 volts above ground, way above the 90 volts maximum specified for the tube, the buffer stage had to have its own (isolated from ground) filament winding on the power transformer.

The mode switch on the DX-40 had five positions, **Off**, **Tune**, **Standby**, **Phone** and **CW**. The **Tune** position powered just the oscillator and buffer allowing the operator to tune the buffer stage without going on the air. One usually adjusted the **Grid** capacitor for 2 to 3 ma of grid current. The **Tune** position also allowed you to spot your transmitter frequency on the receiver. Receiver dials had much less accuracy in those days! The **Standby** position was used when receiving. The **Phone** position connected voltage to the screen grid of the amplifier through the 6DE7 modulator tube. Audio at the mike jack was amplified by the two stages of the 12AX7 and fed to the first stage of the 6DE7. The result was controlled carrier (AKA screen modulation.) The **CW** position connected the final amplifier's screen grid directly to the center tap of the bleeder resistors in the power supply. An auxiliary connector on the back had a 120 VAC output to operate an external antenna relay. Power for the relay was present only when in the Phone or CW position. The auxiliary connector also had contacts to power an external VFO, namely the VF-1.

The oscillator stage was a Colpitts oscillator with its output tuned to 7 MHz. Either 3.5 or 7 MHz crystals could be used. On 80 meters the oscillator ran with an untuned plate. A switch on the back of the radio that selected one of three crystals also had a fourth position for the VFO. When in this position, the choke in the cathode of the oscillator was bypassed. The cathode of the oscillator and final were grounded through shorting contacts on the key jack. When a key was inserted this short was removed and the key would key the cathodes. When the VFO was in use, it was keyed too. One consequence was that the key needed to either be removed or closed to work phone.



Heathkit VF-1 Accessory VFO

The buffer stage provided all the multiplication needed. The buffer output circuitry was changed significantly from the DX-35. It used a pi-network with a variable tuning capacitor marked **Grid**. The load capacitance was provided by a fixed capacitor and the final tube grid capacitance. The pi-network improvement lowered harmonics reaching the final amplifier, another improvement that helped reduce TVI.

The final amplifier used the very popular 6146 transmitting tube. This tube was capable of 90 watts input. In its day it sold for \$5.00. Heathkit designed the amplifier stage to run with 600 volts on the plate and a key down plate current of 125 milliamperes. (75 watts). The output circuit was another pi-network. It didn't have the matching range of the earlier Heathkit transmitters, but still provided a good matching range of 50 to 1000 ohms. Two big knobs on the front panel adjusted the **Plate** tuning and **Load**. Once the buffer was tuned for 2 to 3 ma of final amplifier grid current the **Load** was set to maximum capacitance and the DX-40 was switched to **CW**. The transmitter was then momentarily keyed and the **Tune** control was adjusted for minimum plate current. The load capacitance was then reduced and the process repeated until the minimum current at the dip was 125 milliamperes. You were now tuned up and running 75 watts input on CW. To operate phone you would then switch the function to **Phone** and you were on the air on AM running about 60 watts.

Heathkit also made a British 240-volt AC version of the DX-40 called the DX-40U.

Even though these transmitters were not in production for long, many were sold and a lot of today's old timers made their first QSOs on these rigs.

DX-60, 60A and 60B Transmitters:

In 1962 the DX-40 was replaced by the restyled DX-60 (1962 to 1964), the DX-60A (1965 to 1967) and the DX-60B (1967 to 1976). In 1962 the DX-60 was listed at \$82.95. The DX-60B ranged in price from \$79.95 to \$109.95 just before it was discontinued. The DX-60 was based on the DX-40 except that it now came in a more modern low-style case and featured the new Heathkit green styling. Electrically, the power supply was changed from a fullwave tube rectifier with choke input filter to a voltage doubler circuit utilizing silicon diodes with a capacitor input filter. In the DX-60B the power transformer had dual primaries so the radio could be wired



for 240 volts. The keying was changed from cathode keying to grid-blocked keying. A low-pass filter was built into a shielded box at the back of the rig. A new neon pilot light adorned the front panel. The meter was mounted behind a metal bezel on the original DX-60, but was later moved back directly to the front panel. Two new controls adorned the front panel, a drive level for adjusting the grid current, and the crystal VFO switch that was on the back panel on the DX-40. The DX-60 series had provisions for four internal crystals instead of three. The DX-60 series had an accessory socket, similar to the DX-40 with added connections for keying the VFO and for removing plate voltage when using a crystal. Heathkit sold a matching VFO, the HG-10, and later the 10A and 10B. With the new power supply the DX-60 was rated at 90 watts CW and AM.

** Novices did have voice privileges on a segment of two-meters. However, since the novice license was for one year and not renewable, most hams preferred to build up their code speed rather than operate voice immediately.*



OCARC General Meeting Minutes

2008-03-21

The OCARC March General Meeting was held at the Red Cross complex in Santa Ana at 7PM on Friday evening, March 21st. There were a total of 40 members and visitors present. A quorum was present with all of the club directors attending, except Hank-W6HTW.

PROGRAM:

A great program was presented by speaker Jim Day "W6DF", who gave a talk on:

"W6BH mega-station in Anza"

Jim-W6DF explained that Lee Shaklee – W6BH of Newport Beach has built a huge mega-station on a 20 acre site in Anza. Jim was instrumental in designing the station and antennas/towers for Lee-W6BH.



Fig 1 – Jim Day W6DF (right) explained the construction details of many of the W6BH towers and antennas.

One of the points that Jim W6DF explained was that normal rotors could not survive in the 100+ winds that are encountered. The huge tower rotate at the base instead.



Fig 2 – One of the many rotating towers at the W6BH site.

OLD BIZ:

75th Anniversary Logo - The club conducted a contest for a new club logo to use during 2007, the 75th Anniversary of our formation in 1933. The winning logo (below) was submitted by our club Prez, N8WP.



Gen Meeting Minutes – Continued from Pg 12**GOOD OF CLUB::**

- Dino-K6RIX was able to provide a set of pictures and discussion of the local KFI AM Radio Station tower that fell during construction on March 18.



Fig 4 – The Under Construction KFI AM Radio Tower Falls
Copyright 2008 by K6RIX dot COM

Dino-K6RIX was on site during the new tower construction when the guy wire back-stay failed and the tower came down

Submitted by: Ken Konechy W6HHC
OCARC Secretary

April 1st, 2008

New Amateur Class Proposed!

A small group of hams in the county of Lemon, in the northern part of Mexico, has petitioned the UCA (Useless Communication Agency) for a new class of operators.

This has the support of the LRRRA (Long-wave Radio Receivers Association)

Apparently the club is composed of a majority of extra class amateurs that look down on newcomers that are not proficient in the Baudot mode of communication, a visual method using five digits or fingers in different positions to pass messages to each other.

These hams have decided to create the Ultra class of operators to differentiate themselves from the other (non-Baudot) Extras.

The UCA, after consultation with the LRRRA, decided that the new class should be called "First Ultra" or FU for short.

These hams will have all privileges in the coveted, expensive 60Hz band, where they can dissipate their watts with the help of some large corporations, or even self-generating.

The general public, unaware of the situation, believed for a long time that the LRRRA was giving the FU to most hams west of the Rhine.

As the club's vice-president once said:

"Taurus excreta cerebrum vincit"

OCARC

Board Meeting Minutes

2008-04-05

The OCARC Board meeting was held at the JagerHaus Restaurant in Anaheim at 8:15AM on Saturday, 2008-04-05. There were a total of 12 members and visitors attending. There was a quorum of directors present, with the following officers present: Willie-N8WP, Nicholas-AF6CF, Paul-W6GMU, Ken-W6HHC, Chris-W6KFW, and Bob-AF6C.

DIRECTOR REPORTS:

- It was noted that five board members would participating in the Baker-to-Vegas race during the next meeting, April 18. Willie N8WP will ask Kristin K6PEQ to act as Prez during the next meeting.
- **Vice President** - Nicholas AF6CF reported that the following programs are planned:
 - April is ARRL Update from Carl WU6D
 - May is D-STAR
 - September is OCARC Club Reunion
 - October is OCARC Auction
- **Secretary** – Ken-W6HHC reported that the club had been successfully renewed by ARRL for Special Service Club recognition status.
- **Membership** – Chris W6KFW reported that OCARC currently has 76 members with 57 members currently renewed.

OLD BIZ:

- **RF Newsletter “Rotating” Editors**
 - April is Nicholas AF6CF
 - May is Cheryl KG6KTT
 - June is Kristin K6PEQ
 - July is Ken W6HHC
- **Field Day 2008**
Willie-N8WP and Dino-N8WP reported that WARA members had made the decision to again participate at the OCARC FD site this year.

- **New Aluminum Tower**

The board made a decision to increase the height of the new tower to 50 feet. The board February authorization had only allowed and expenditure of \$1,000. The board approved a motion for the club to spend no more than \$1,500 for the following items:

- New 50-ft tower
- “roof base” and plate for new tower
- New 10-ft section for old 40-ft tower
- Necessary freight charges

- **Pay Pal for WEB Site**

Willie N8WP reported that a PayPal account had now been set up for the OCARC. The next step is to send out an e-mail announcement.

- **Standard Form Letter for Inquiries**

WEB master, Ken-W6HHC, said the existing “new to ham radio” WEB page had been added with more info including a new Emergency Communications page. Many thanks to Bob-AF6C for editing all the inputs into polished information.

- **OCARC Coffee Mugs**

No report.

- **Discussed but No Actions**

- CERT Training
- Working with Scout Troops
- OCARC Campout
- Online Member Database

GOOD OF THE CLUB:

- Cheryl-KG6KTT displayed the first Embroidered Hat with Call Letters sewn on that she had sold. Looked great!!

Submitted by: Ken Konechy W6HHC
Secretary

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