The Prez Sez

This year’s big event has come and gone, and those who participated in Field Day had a good time and enjoyed themselves. Added to this, we did pretty well. Read all about Field Day in the article written by W6HHC. From the advanced reports of it, it sounds like a very good report.

73,
Steve

An Overview of Field Day
By Ken W6HHC

I declare the 2004 OCARC Field Day event to be a very good FD!!

The OCARC Field Day had:
- a good turnout of workers and operators,
- band conditions that were reasonable,
- scores that were much better than last year,
- food that was very good,
- plenty of time for conversation and stories to be told
- opportunities for everyone who wanted to operate or log
- everyone seeming to enjoy themselves

Some interesting facts and stories about this year’s FD:

The number of contacts made was almost twice as many as last year (1,792 QSOs versus 948 & 4,316 points versus 2,054). See the Field Day Summary on page 6 for QSO details. Last year’s scores were affected by solar flares over FD weekend. This year there was very reasonable propagation, not great... but very reasonable.

Part of the reason for good scores this year is that we had outstanding antennas on 80M and 40M. Ken-CCE and Mike-WK6O used a slingshot with fishing line to pull the dipole for 80 meters to the tops of 80-foot pine trees in the park. John-WB6AJE built a simple, but very effective, rotate-able 40M wire-beam using phased-inverted-Vees. The 40M score of 412 QSOs on SSB and 37 CW QSOs was the best ever since 1976!!

There is a ham who lives in the neighborhood of the park that came by to visit. He explained that the terrible noise on 40M and 80M in past years at Portola Park was solved when he called Southern California Edison. SCE washed the insulators and fixed some faulty connections. The final noise disappeared when the neighborhood ham replaced a noisy “door bell transformer” in nearby vacant house.

The best operator effort that I heard about was Tim-K6GEP who sustained a 90-QSOs-per-hour rate for a long time on 20M SSB, Saturday evening. Tim helped 20M SSB achieve the top number of contacts, 477 QSOs. While Mike-WK6O single-handedly obtained 131 CW

See: Field Day on Page 4

July Program:

Kent Gardner, WA7AHY, Fullerton Radio Club President, will talk on SARA, (The Society of Amateur Radio Astronomers). SARA is a wide ranging group that includes about 50% ham radio operators in it’s membership. All are dedicated to making radio astronomy available to everyone. The presentation will also cover the activities at the SARA Conference held at the Owens Valley Radiotelescope site near Bishop/Lone Pine California a few months ago.

The next regular meeting will be:

Friday, July 16th 2004 @ 7:00 PM

We will be meeting on the 2nd floor in the east bldg.
THE ORANGE COUNTY AMATEUR RADIO CLUB, INC.
P.O. Box 3454, Tustin, CA 92781

2004 Board of Directors:

President: Steve Brody, KB1GZ  
(714) 974-0338  
stevebrody@sbcglobal.net

Vice President: Ken Konechy, W6HHC  
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kkonechy@pacbell.net

Secretary: Rich Helmick, KE6WWK  
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r2535@sbcglobal.net

Treasurer: Bob Buss, KD6BWH  
(714) 534-2995  
kd6bwh@aol.com

Membership: Chris Winter, W6KFW  
(714) 543-6943  
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Activities: Carl Schmid, WA6BSV  
(949) 679-6970  
wa6bsv@arrl.net

Publicity: Matt, K6LNX  
(714) 546-2228  
k6lnx@arrl.net

2004 Club Appointments:

W6ZE Trustee: Bob Eckweiler, AF6C  
(714) 639-5074  
af6c@arrl.net

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RF Editor: Bob Eckweiler, AF6C  
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ARRL Assistant Director: Ken Konechy, W6HHC  
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ARRL Awards Appointee: Larry Beilin, K6VDP  
(714) 557-7217  
k6vdp@arrl.com

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eelmert@aol.com

Members At Large: Larry Hoffman, K6LDC  
(714) 636-4345  
k6ldc@earthlink.net
Lowell Burnett, KQ6j D  
(714) 997-0999  
LBur729028@aol.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  

CowGirl’s Cafe, Too  
2601S. Harbor Blvd.  
(just south of Warner)  
Santa Ana, CA

Club Nets (Listen for W6ZE):  
7.086 MHz CW OCWN  
Sun - 9:00 AM - 10:00 AM  
Rick KF6UEB, Net Cntl.
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 December & 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.

Jul 2004 - RF Page 2
Radio Row, New York - Part III by Bob, AF6C

A Trip to Radio Row:

"You're late! Hop-in George's station wagon and we're off to Radio Row." So begins our journey to New York's electronic city. It's the early sixties and we've all piled in George's station wagon. Since driving and parking in the city is difficult, we only drive as far as the Flushing subway station on Long Island. Hopping out of the car, we stop to buy some subway tokens (they're 15 cents each) and soon catch the IRT line into the city. After some stops, we're traveling in the tube beneath the East River to Manhattan Island. A few stops later we exit the subway at the Times Square station and switch to the Broadway Local IRT subway train. About ten stops later we exit at the Cortlandt Street Station. Little do we know that in a few years this station will be located under two of the tallest buildings in the world and later severely damaged during the September 11th, 2001 terrorist attacks.

Exiting the station after a flight of stairs, we find ourselves at street level on the corner of Greenwich and Cortlandt streets. Looking west up Cortlandt Street just about every sign contains the word 'radio' or 'electronics'. Nussbaum's Wine and Liquor store across the street looks so out of place. Right near the subway exit is Lou Resnick Radio (#68 Cortlandt St.) and next door is VIM Radio. We visit both, noting that Resnick is mostly commercial products with lots of appliances. Each of us has a list of "stuff" we're looking for and our lists are mostly hard to find components and surplus goodies. I'm looking for a surplus telegraph key. Sure enough, in VIM Radio are a bunch of J-38 keys for a buck each. Perhaps I'll be back, but there are still many stores to visit.

As we travel west along the north side of Cortlandt Street we window shop at Elliot & Alessi and drop in at Irving Jaffe's East Radio. Crossing Washington Ave. We enter North Radio where, after purchasing a few components, we travel next door to Short Wave. Here we see some current ham gear as well as some fancy general coverage receivers, all above our young teen budget. There is even an EF Johnson desktop kilowatt on display.

Back on the street again we stop in the next three stores, all selling electronics. One store formerly held Arrow Electronics which recently moved across the street up near the subway station to #65. After passing a motorcycle store we duck into Rex Radio and check out their wares. They took over the location of World Wide and deal mainly in war surplus electronics. Along a side wall are ARC-5s (surplus aircraft receivers and transmitters) piled high to the ceiling. A stack of BC-645 IFF units (easily convertible to 450 MHz) stand nearby. Here J-38 keys are going for 50 cents; or for 75 cents new and in the box! We've now traveled the full two blocks of Cortlandt St. The last building on this side is a hotel catering to sailors from the nearby docks. At the foot of Cortlandt St. is West Street, but more noticeable are the elevated West Side Highway and the Ferry Terminal. We cross the street and start back on the south side of the street. The very first store at #89 1/2 has a bunch of telegraph keys displayed in the window. In we go and soon I'm the proud owner of a Western Electric key, very similar to the J-38, and looking brand new. I'm also 25 cents poorer! We're getting hungry as noon approaches, but pass up Ben and Joe's Luncheonette, because next door at #85 is Terminal Radio.

As we enter Terminal Radio I feel deja vu; my dad (formerly 2CXX) bought me a National NC-88 communications receiver here a few years back - a present that perked my interest in ham radio! We look over the National receivers including the HRO-Sixty workhorse with its plug-in coils and the new NC-303 ham-band receiver. A few of us purchase some components from the counter for projects we're working on. I add another CK-722 to my transistor collection - doubling it to two!

Hunger finally gets the best of us and we lunch at the Terminal Coffee Shop next door. Well fed and no longer thirsty, we continue our eastward journey window shopping at Center Electronics, Magna and Bernie Biggs TV and Radio before again hitting Washington St. Here we make a decision to skip the few radio stores on Washington St. as well as TAB ("That's A Buy") and Liberty Electronics one block over on Liberty St., because of the time and our desire to visit specific stores on Greenwich Street and W. Broadway.

Continuing east on Cortlandt St. we visit Digby Auction, Leonard Radio, and after passing the MacInnes tavern, Arrow Electronics. (It was at Arrow's sister store in Mineola Long Island that I took my novice radio test just a few years before). We find more of the components we're looking for there, and after a short tour of Davega City Radio we're back at the corner of Greenwich and Cortlandt.

Heading north along the west side of Greenwich, we skip numerous stores in the first block, hoping we'll have still have some time and hit them on the way back. One store we do stop in is Niagra Radio, because George is looking for a BC-645. He sees some and plans to pick one up on the way back. Every store on this side of the second block is radio oriented except for the barber shop at #174. Crossing Dey St. we finally arrive at one of the places we really wanted to visit - Harrison Radio. Owned by Bill Harrison, W2AVA, it is a big advertiser in QST and other ham magazines. Entering the store, the first thing we notice is new and used ham gear everywhere. The used gear is piled 5 See: Radio Row on Page 4
Field Day from Page 1

QSOs on 20M while loggers tried to keep up.

For a while the club did not have a volunteer to cook dinner. A visitor to our June meeting, Gordon-KD7BIW (a friend of Ken-N6CCE), offered to make up some chili at Field Day. I had a chance to watch Gordon-KD7BIW make the chili for dinner at FD. It was a long process and he simmered the meat and peppers and the beans for about four hours into a luscious sauce. The 20M station was “down wind” of the simmering chili….and let me tell you that the aromas were really great, all afternoon. The main chili was very mild, but Gordon had a smaller pot on the next burner that he called “the kicker” chili. I asked Gordon if I should try the “kicker straight”? He said...“Oh, you don’t want to do that.” So then I asked Gordon if “I should try the chili and “kicker” half-and-half”? He said...“Oh, you don’t want to do that.” Finally, Gordon prepared me a bowl of the mild chili and put a very small portion of the “kicker” on one side....WOW what a kicker!!! I backed down to just enjoying the really great “mild” chili after that.

The club’s 5KW Honda engine Field Day generator worked flawlessly this year. The Honda generator worked great (only one minor repair to one of the cables is needed before next FD).

It was good to see the “Traveling ARRL Gang” again this year. ARRL Director Art Goddard,W6XD, and ARRL honorary-VP Fried Heyn, WA6WZO, and wife Sandy, WA6WZN, made their yearly tour of “as many FD sites as possible”. Between Saturday and Sunday morning, the ARRL gang traveled 461 miles and visited 25 FD sites.

It was good to see Frank-WA6VKZ participating and enjoying Field Day this year. His health problems have slowed him down, but he managed to bring a lot of equipment and rigs out to field day to share with various team captains. Frank-WA6VKZ and J ohn-N6RUI were threatening to have a “wheel chair race” right through Portola Park.

Finally, there was plenty of time for operators to rest and sit for a while. There were quite a few gatherings that would occur from time to time, usually in front of one of the motor homes. It seemed to be a relaxed atmosphere. People seemed to “operate hard” and then also “rest hard”.

Well, good events don’t just happen….nice people make them happen….so there are a lot of “thank you’s” that need to be handed out:

- Thank you to Ken-N6CCE and Mike-WK6O for envisioning an 80M antenna in the tree tops, it worked great
- Thank you to John-WB6AJ for building an 2-element phased inverted-Vee beam on 40M, what a score!!!!
- Thank you for Tom-WA6PFA for setting up the “blue room” with public demonstrations of ATV and Slowscan
- Special thanks to Mike-WK6O “the traveling CW man” who went from band-to-band, you really increased our points this year
- Thank you to Matt-K6LNX for volunteering to be a team captain for the first time and setting up the UHF/VHF station.
- Another thank you for Ken-N6CCE for jumping in as a new club member and organizing an outstanding 80M/75M/10M effort as team captain
- Thank you to Chris-KJ 6ZH who drove all the way from San Francisco to join us and to set up an impressive-looking satellite station, it was great to see you again and also thanks for helping the 20M team rack up some QSOs
- Thank you to Bruce, KC6DLA;

See: Field Day on Page 7

Radio Row from Page 3

shelves high along one wall. On the bottom shelf are at least ten Collins 32V transmitters. National, RME, Hammurland, Hallicrafters, Howard, Johnson, Heathkit, Harvey Wells, Gonset, World Radio Labs, more Collins and numerous other brands of ham gear fill the shelves and spaces nearby. We spend almost an hour looking over the new and used equipment. One of our group puts down a deposit on a very clean used Viking Ranger and makes arrangements for it to be shipped to his home.

After leaving Harrison Radio, we head up West Broadway a few blocks to #512, Barry Electronics, another heavy advertiser in the ham journals, and another place we had to be sure to visit. Barry deals mostly in surplus and has a good selection of Command Sets. I immediately latch on to a BC-453, a receiver that covers 190 Kc to 550 Kc and can be converted into a “Q5er”. Basically, you couple it to the 455 Kc IF of a receiver with not-so-good selectivity (like the NC-88) and use the sharp 85 Kc as a second IF, improving the selectivity tremendously! I also pick up a Lionel (yes the toy train maker) interstage transformer that is used in a phone patch recently published in CQ Magazine. George decides to buy his BC-645 here after finding a really clean one at a bargain price, and lug it – all 25 lbs. – back to the subway station.

It is getting late so we start back to the subway station at Greenwich and Cortlandt Streets, but not before a stop at Radio Ham Shack. By this time we’ve seen so many radios that we stay only for a few minutes before continuing. Those who bought only a few light items help the rest carry their treasure back. Soon we’re at the entrance to the subway and we take one last look around, sigh and start down the stairs, fumbling in our pockets for another subway token.

See: Radio Row on Page 7
## The Orange County Amateur Radio Club - W6ZE

**Field Day Summary**

**By: Ken / W6HHC & Bob / AF6C**

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<td>1969</td>
<td>- 0 98 0 50 0 375 - 0 301 - 0 0 0 0 169 - 0 -</td>
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<td>1968</td>
<td>- 10 224 62 396 93 328 - 24 430 - 0 68 0 0 145 - 0</td>
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Note: These are raw contacts taken directly from the log sheets. Adjustments have not been made for duplicate contacts, and bonus points have not been added yet. Final scores appear in QST.
Boards Meeting Minutes:
July 3, 2004

Visitors: Willie, N8WP, from Orange, and his XYL Cheryl, KG6KTT; Frank, WF1A, from Rhode Island; and Victoria, Carl’s WA6BSV daughter.

President Steve, KB1GZ, opened the meeting at 8:28 AM. There was a quorum present with W6KFW, K6LNX, WA6PFA and K6LDC absent.

Treasurer’s Report: Bob Buss, KD6BWH, reported the club has $2,512.78 in the accounts before the field days expenses.

Field Day was a success!! Ken, W6HHC, passed out a preliminary list of contacts. Bob, KD6XO, suggested that Ken include in his next Field Day presentation a graphic of contacts from Field Days past. W6HHC is also looking for and hoping to receive Field Day pictures from all who took pictures at this year’s event. The general consensus is that the food for this year’s field day was good. Steve KB1GZ volunteered to be in charge of food for next year’s Field Day.

Old Business: There are still openings for the shifts at the OC Fair. Bob, KD6BWH, requested that the club donate $50.00 to OCARO for supplies OCARO has purchased for the Fair. Motion made by W6HHC and seconded by WA6PFA. After discussion the motion was passed.

New Business: The next Auction will be in October. W6HHC suggests that members start looking for items for auction and publicity for the auction be complied so all will have enough time to get ready.

W6HHC stated that the programs for the next few months are as follows:

July: [See page 1 - Ed.]

August: KFI tower guy-wire replacement, A presentation by Dino, K6RIX.

September: Social for current, old and prospective members-

October: Auction.

November: Comet Antenna presentation.

December: Club Dinner.

Good of the Club- KB1GZ suggested the club have a CW bingo pizza night to promote CW use. W6HHC informed the group that the ARRL has a video available on their website that shows the effects of BPL (broadband over power line) interference.

Rich KE6WWK needs someone to take notes at the next general meeting, as he will be at the Mojave Death Race.

Adjoined at 9:05 AM.

Rich Helmick KE6WWK
Secretary

Radio Row from Page 4
Changing trains at Time Square, we’re soon again passing under the East River and onto Long Island. When we reach the Flushing station we exit, quickly find our car, and enter the rush hour traffic. The traffic is being made worse by the beginning of construction on the Worlds Fair to be held in 1964.

On the drive back we begin to make plans for our next trip to Radio Row. Though we visited numerous stores today, we’re aware we didn’t hit a third of them. Little do we know that in a few years, due to the WTC, those stores will no longer be there; some will move but many will quit business.

We’re home now and so we say goodbye to one another. I for one am glad to have had the experience to visit radio row and am glad you came along too!

This year we had terrific Field Day chili! FD Chef Gordon, KD7B1W, also made his separate “kicker”! You could set your own “temperature”!

Field Day from Page 4
Rich, KE6WWK; and Bob, KD6XO; for providing motor-homes for the bands on 15M, 20M and 40M

• Special thank you to Gordon, KD7B1W, for volunteering to make the best chili that I have ever tasted for dinner… it was a masterpiece of cooking

• Thank you to Carl, WA6BSV, for picking up breakfast at McDonald’s for the hungry FD crew on Sunday morning

• Thank you to Tim, K6GEP, for bringing the sushi and Bob, AF6C, for providing the sake for our late night “sake party”.

• Special thank you to Bob, KD6BWH, for hauling out the generator, gasoline, towers, guy wires and stakes, all single-handedly.

• Another thank you to Bob, KD6XO for hauling the 15M beam and 20M beam out to Field Day

• Thank you to Chris, W6KFW, for storing the club generator in a dry spot since last Field Day

• Thank you to Frank, WA6VKZ, for getting his pickup truck full of parts, poles, rigs, tents, and spare gasoline out to the Field Day site and available for the OCARC to use

• Thanks to Bud, WA6VPP; John, N6RUI; John, WB6AJE; Bob, AF6C; Ken, N6CCE and Tom, WA6PFA, for sharing their pictures of the FD event for the OCARC to use

• Thank you to everyone who made set-up and tear-down so easy this year

• Final thank you to Bob, AF6C, for serving as the “FD bands chairman” and making countless phone calls to get things organized

I am sure that I missed recognizing a few deserving club members, so I apologize if I missed you.

…de Ken W6HHC
20M Team Captain

Jul 2004 - RF Page 7
General Meeting Minutes:

June 18, 2004

Vice President Ken Konechy, W6HHC, opened the meeting at 7:03 PM. The pledge of Allegiance was followed by past Field Day high and low lights presented by W6HHC. (For those not in attendance, Ken has upgraded to a DVD presentation and the slides are gone so there is no reason now to miss this yearly program)

Visitors attending were Brian, AG4ME, from Corona; Ken, WK6O; and Gordon, KD7BIW. A roll call of the club officers revealed that President Steve Brody, KB1GZ, and Past President Lowell Burnett, KQ6JD, were absent. Treasurer Bob Buss, KD6BWH, reported the club had a total of $2,701.07 in the accounts. This was before Field Day expenses. The club has received a correspondence from the California Secretary of State for an update on the club status.

Committees reports; Publicity: Matt, K6LNX, reported he will contact the local press regarding the upcoming Field Day event. Membership: Chris, W6KFW, reports that there are 46 members at this time.

Old Business: FIELD DAY: Bob, AF6C reports that a “4A” designation may be possible; Carl, WA6BSV and Cindy, KC6OPI will coordinate food. To help Bob, AF6C, keep his sanity this year, all contacts are to be submitted in a computer format.

ORANGE COUNTY FAIR: the club is responsible for July 14, 2004 from 12 noon until 11 PM. Only shift needing to be filled at this time is 3:30 to 7 PM.

New Business: Ken W6HHC encouraged all members to send a correspondence to government officials who are involved in making the decision regarding broadband over the power lines.

THE GOOD OF THE CLUB: Bob, KD6XO, donated for raffle a first edition Ham Radio Stamp in frame and with two like hat/lapel pins. These were saved for future raffles.

The meeting was adjourned at 8:56 PM.

Respectfully Submitted
Rich Helmick
KE6WWK
Secretary

Next RF Deadline: August 9th