Our Speaker:
Frank, WA6VKZ
Field Day Chairman on Field Day Operating and Banner Making

Soon the GREATEST FUN EVENT of Orange County Amateur Radio Club's year will be upon us. Plans are suddenly coming together. Don, KC6ONZ, our "Chef Extraordinaire" still needs:

Several camp stoves  Tables  Ice Chests  Shade

Don suggests that if you want to be popular, and have everybody glad to meet you that you volunteer to help out at the cook area.

We suggest that you make sure your check list of things to bring includes the following:

Chairs  Hat  Name Tag  Fire Extinguisher
Work Gloves  Sun tan Lotion  Bug Repellant  Warm Clothes
First Aid Kit  Computers

The Station line-up looks like this:

"W6ZE 6 ALPHA ORANGE"
75 M  Jerry  KK6YO
40 M  Larry  K6VDP
20 M CW  Bill  N6VMS
20 M PH  Nancy  N6XQR
15 M  Ken  W6HHC
VHF/UHF  Jane  KC6TAM
Packet  Jim  N6XTJ
Satellite  Mike  K6KAA

"WA6PFA 6 ALPHA ORANGE"
10 M  Tom  WA6PFA

If you are reading this, you are INVITED! Come watch, come cook, come log, come operate, come learn, come cheer! Come and have a good time. Kids and Dogs also welcome! (Cats, maybe not....)

In This Issue
144.330 simplex
WB6NOA, Gordo - Code practice and "News behind the News"

Mondays 7:00 pm 28.333
Bob, AB6CH & David, WA6TWF, Beginner's Net, Code Practice and Tech Talk.

Friday, June 21st 3:00pm FIELD DAY EARLY BIRD SETUP

FIELD DAY - June 22 - 23

Saturday, July 20 8:30 am - 5 pm
Catalina Amateur Repeater Assn. HAMFEST '91
Cypress College, 9200 Valley View St., Cypress - Ray Briem, N6FFT, Gordon West, WB6NOA, Joe Moell, K0OV. Contact Control Ops on 147.090+ or 224.420 - $5.00

Join Us For Field Day! Visitors welcome!
SET-UP on Friday, June 21st at 3:00, OCARC Meeting in Evening
24-hour Non-stop Operating Saturday 11:00am thru Sunday 11:00am
Aluminum Facts from Packet
submitted by Bob Eckweiler, AF6C

In late Spring many a ham’s fancy turns to antennas. Here’s a little information on the various types of aluminum and what those designations like 6061-T6 mean. Credit for this information goes to KB0DSW who uploaded the information onto Packet. All I did is a little editing. Bob - AF6C

Common aluminum types for amateur use!

*ALLOY NUMBERS*

**TYPE**: CHARACTERISTIC:

2024  Good formability, high strength.

5052  Excellent surface finish, corrosion

6061  Good machinability, good weldability, can be brittle at high temper.

NEW CALL? NEW MEMBER? ORDER YOUR BADGE NOW.

Badges are engraved in groups of six or more in order to keep the cost down. The club plans to get the next group of badges engraved in July, if we have enough orders. Now is the time to place your order with the Secretary. Badges are $5.00.

Minutes of OCARC
General Meeting 5/17/91

Meeting called to order by Vice President Mike Abreu at 7:43 PM. Officers present were Mike K6KAA, Bruce KC6DLA, Bill N6VMS, Tom WA6PFA, John K6TK, Larry K6VDP, Frank WA6VKZ and Chris K62H. There were 48 members and guests present.

Raffle - The winner of the Yaesu FT470 raffle was Jim Atchison, KC6SCI. Jim attended the meeting and picked-up the radio.

Program - Wayne Overbeck, N6NB, brought slides of several field day sites. The pictures showed different antenna configurations and operating locations.

Radio Class - Carry, N7OYT, reported that he has contacted the city of Tustin community services about running a Novice and No-Code class this fall. The class will last for 8 weeks on Tuesdays and Thursdays between September and December. It was suggested that a charge of $15 for adults and $5 for kids under 18 be made. Carry is looking for backup people to teach the class.

Field Day - The Tustin USMC Air Station will be our field day site this year. We will operate in the 5A class under the club call, W6ZE. [Ed. Note: Now 6A class.] A setup party will be held on Friday June 21 at 3PM. Contact Frank, WA6VKZ, to volunteer as operator, logger or general laborer. Keep the weekend open to come join the fun.

ARRL Announcements from Alex, W6RE - 1) AMSAT asks that OSCAR 10 not be used due to low power. 2) Helen, GB9MIR/U, is a British YL that will be joining the Sots on-board the MIR space craft. She can be heard on a downlink frequency of 432.675 FM.

Meeting was adjourned 9:22 PM.

Respectfully submitted, KC6DLA, Bruce Creager - Secretary

Note from Bill, N6VMS, Treasurer: Jim Atchison, KC6SCI, the winner of the Yaesu FT470 generously donated $100 to the Club and joined, too!
On the Nets - May, 1991
by Bob Evans, WB6IXN

5/1 15m phone net - W6ZE/HHC checks in INX, COJ, & AF6C, plus others. INX gets a landline fmn Maui, Hawaii, & exits the net. COJ discusses FD preparations wid the group.

5/2 15m phone net - W6ZE/INX, finished wid the landline, checks in KAA, VPP, YDP, QW, RE, RND, AF6C, COJ, HHC, ATK, ESD, ZH, TAM, QXR, OPI, & ULO. KAA zips to Bakersfield & back, puttin in a gud 8 hrs. of work! VPP has intermittant modulation problems as he puts out a fine carrier wid a word here & there! VDP will have a tent for his FD station as he prepares VHF antennas. & listens to ‘Shuttle’ xmissions on 6m. RE & XYL enjoy a trip to Lake San Marcos, Esenitias, & other points, sponsored by Eldorado Bank. All Mexico will celebrate Alex’ 60th on Cinco de Mayo! QW bemoans the poor low band conditions as he OKs the length of cable cut by KAA. AF6C notices that the ‘KISS’ principle doesn’t apply to amateur manufacturers as he glances thru the maintenance manual for the new car! HHC enjoys tracking ‘STS-39’ across the sky! & Ken reminds all of the upcoming Sat. breakfast, & tells INX that he has a copy of a virus detection program for him. ATK wants to communicate keyboard to keyboard on packet. QXR suggests that Kent try 144.39! And Nancy makes roster changes & includes a FD map for next ‘RF’, along wid code practice for her planned XTRA class jump! Hm!..ESD & ZH contact 1A0KM, the Solemn Military Order of Malta...are you members yet, OPs? & Bob also gets 5R8AL, Madagascar, 1500 Z, on 14.256 SSB. TAM, housewifing it, finally gets over her cold, reporting that IKB & IBP are doing fine! OPI & ONZ want to know the approximate # of OPs planning to attend FD, & Cindy continues her Red Crossclass. ULO gets home frm his computer meeting at the Elks Club & tells OPs abt contact wid April Moell & the Hospital Disaster Communications Grp. RND reminds INX that he forgot QW in the net rotation.

5/2 CW net - Net is informal. No net control yet! RND doesn’t fool wid computer TBs as he doesn’t worry abt ‘viruses’! NG7D takes his errant pwr supply back to Astron fer repairs. Ten dollars later he walks out wid the power supply cured! And INX looks up name of a crystal distributor in QST for NG7D.

5/8 15m phone net - HHC & Dianc are vacationing in Europe, so W6ZE/AF6C checks in NGO, INX, & YZG. NGO, up frm a nap, tells OPs of progress on FD antennas. And Ken buys a new cordless wrench to tighten bolts on FD! AF6C prepares for a party tomorrow as he transfers to a new software (not undies) position at Douglas. And INX listens to NG7D’s detective experience as John tracks down his missing 243FT crystals! YZG tunes in to hear AF6C mention a NASA contact for future PR adventures.

5/8 2m phone net - W6ZE/INX checks in BPX, ZH, RE, OPI, QXR, VPP, BWZ, VDP, PFA, ESD, ATK, RND, & QW. BPX (INX, too) get the weeds under control as BPX gets a bumped shoulder x-rayed. All being OK, Wyatt & Blanchie will be treated, by the grandchildren, at the Sizzler on Sun. ZH puts up a new Quad for testing on packet as TAM still keeps one eye on a new 831! Chris works Romania, Czechoslovakia, joins the ‘Military Order of Malta’ wid a 1A0, Latvia & Hungary. VPP & PFA will attempt a packet connect wid ATK, who is experiencing a problem wid xmission. Increasing the output pwr, RE airs an interesting ‘Newssite’, talks of upcoming ultrasound gall bladder tests, & airs the latest ‘220 MHz’ news. ONZ attends a homeowner assoc. meeting as OPI prepares for her last Red Cross class. QXR & BWZ have their heads together at Nancy’s QTH as they prepare the upcoming edition of ‘RF’. QXR will distribute ‘RF’ among the new OPs at the WCARC meeting. INX & BWZ share amateur astronomy interests! VDP & fam. motor to Big Bear wid QW as they plan further hamming adventures at Roll’s mountain retreat. ESD works 2 OPs, PY0SK & PY0SR, on St. Peter & St. Paul Rocks! Packet says they will be on 20m CW on 14.023.3 at 0403 Z! Bob learns that science has moved into the elementary schools as he & the XYL visit their grandchildren’s grade school in GI! RND & INX discuss Shelley Trotter, W6BAM, whom John works now & then on the 40m CW nets on 7.056 & 7.065. Shelley lives in Firebaugh, CA., & is a Charter Member of the OCAEC. He has NEVER used a microphone in his hamming career.

5/9 15m CW net - Net is informal. No net control! RND & INX discuss an intermittent problem in John’s Yaesu 757. RND has the rig in for repairs & will keep INX informed on Yaesu’s solution.

5/15 2m phone net - W6ZE/INX checks in BPX, QE, ESD, RE, BWZ, QXR, RND, KAA, ATK, VDP, QW, ZH, DLA, VMS, & BPX. BPX waters the beans, takes leaves, & will dry garlic within 2 wks. as he & Blanchie prepare to visit the Fair at Devore over the weekend. QE will bring the HT to meeting for presentation to the winner...And Phil has an AOP-1 & a 440-2m antics. fer sale! ESD communicates thru a stuffy nose as he breathes dust from street repairs & works the Locals on 160m! RE airs Newsline & we learn that OPs will say ‘73s’ to 220-222 MHz at 0hrs. UTC on Aug. 28! Alex gets the new glasses, warns OPs to remember to work Armed Forces stations split frequency this weekend, & reminds all to have their Reps. support IR 73! Bill’s computer will talk, but not receive as BWZ attempts to solve a modern problem! QXR & crew distribute 80 ‘RFs’ at the G.W. Radio School, & Nancy tells BWZ she has software that may help him wid the modern problem! RND motor to the River over the weekend & flies model airplanes wid the Bullhead City grp, where he meets a new CW OP, Barney, KV7P! KAA tunes the 220.1-pole wid a grid dip meter, & paddle paddles wid a little DX! ATK ‘handsfree’ frm a relative’s house, hasn’t received his ‘RF’ yet, & will be at meeting Fri. eve. VDP works St. Pierre off the coast of Canada, FP5DX, & plans to work Armed Forces Day this weekend. QW completes work on the J-pole & Tribander antenna, finishes shelving in the shack, & looks for paper work on an errant TR-44 rotator. ZH may miss Fri. meeting as he has more warts removed frm the ‘OM Mobiles’! Chris works Romania, Czechoslovakia, Andora, Venezuela, & K5GH, a special event station of ‘stargazers’ in Texas. VMS tells OPs that Andora Swiss Hams is a good DX contact, as he & K6WS plan a little ‘mountain topping’ on Mt. Pinos for the QG mag. W. W. Prefix Contest. PFA & XYL enjoy the new Golden Retriever as Tom investigates a modern problem wid a board in the IBM Clone. DLA is literally ‘walking the dogs’ tonite!

Continued on Page 4

June, 1991 - RF 13
On the Nets - May, 1991 (Continued)

5/22 15m phone net - W6ZE/HHC checks in RND, NGO, YZG, N7GD, & IXN. N7GD works on a new project. Checked out the new QRP listed in June QST. John? HHC & Di' are back from their whirlwind tour of England, Norway, Munich, Austria & Alps, and Mozart's home town, wid Diane enjoying the shopping & Ken sampling beer & sausages in the pubs & guest houses! YZG questions HHC abt old English airbases & remembers his days 'on the Autobahn'! RND can't hear IXN too well as John tells OPS abt a week-late announcement of FD in World Radio magazine! NGO experiences trouble wid his 3-element 20m beam running a high SWR!

5/22 2m phone net - W6ZE/HHC checks in BPX, RE, VPP, PFA, RND, VDP, BVZ, KAA, HHC, ZH & TAM, VKZ, & BEN. BPX replaces a leaky valve after he & Blanche return from the Fair at Fresno. RE, under cloudy skies, waxes the auto, wines & dines former OCARC member, Jim Kingsbury. N6WS, warns OPS not to use OSCAR 10 until further notice, & notes that Helen, KB1MIR/U will be aboard the Soviet MIR space station, 432.607 MHz downlink. VPP operates 'on again-off again' packet as he awaits the outcome of PFA trials wid a new program! And Tom enjoys RE's 'RTTY' landline ring in the background, installs a new hard drive in the computer, & tells VPP that the new packet program is working FBF! RND & VDP both enjoyed working MARS stations split frequency on Armed Forces Day last Weekend. John 'polished off' the fence work while Larry modifies a 2F-1 audio filter for a friend. QOR's software discovers a problem in BVZ's modem which doesn't preserve Bill from brushing up on his 'C' programming! KAA contacts Washington on 6m, & Mike has strong QRN on his sigs! And HHC 'gets used to English' as he lowers the 2m ant, in preparation for an attack on QTH termites! ZH breaks over wid the new promised 631 for TAM, as Jane says she's 'expensive but worth it'! And Chris gets a new QSL for the wall from Lithuania! VKZ goes mobile to check out a job on the 55 freeway, eyeballs the FD site, & requests an additional 10m beam for FD, which will be supplied by VDP & QW! KB6BEN checks in to say 'Hi' to Larry & the OPS. We invite Bill to a Club meeting & FD.

5/23 15m CW net - With no net control, the net is informal. RND tells IXN that he has already received a QSL card frm a MAR station in Wash., D.C., only 5 days after Armed Forces Day! IXN contemplates buying a dual handheld.

5/29 15m phone net - W6ZE/HHC, at NGO's QTH, checks in Dick. K6ATP, AF6C, & IXN. HHC & NGO solve the ant. problems, and AF6C will supply RND wid the NASA PR contact. ATP is returning to ham radio as he investigates future antennas.

5/29 2m phone net - W6ZE/HHC checks in KAA, VPP, ESD, BPX, RE, RND, BVZ, XQR, VKZ, NGO, HHC, VMS, AF6C, PFA, & VDP. BPXBusy himself wid digging & drying garlic. VPP scraps the COM program & opts for PFA's YAP software to get his packet station back on line! ESD travels to & fro to the hosp. as the XYL has a blood clot removed from her leg. IXN eyeballs wid NGO over at HRO as IXN gets a new Yaesu F T-470 HT. VKZ, after linking thru W6ATF, tells OPS we need a 10/75m band capt. for FD. Frank also gets a 5 KW generator!...9 kW for FD, OPS! RE gives reference adr. for 'Indices of Solar Activity Data' to IXN. And Ralph airs 'Newslines' amongst moderete co-channel QRM. OPS loses a staunch ham support wid the assassination of Ghandi! RND motors to Bishop over Memorial Day, meets wid his 2 boys & 5 grandharmonics, & prepares the ham gear for FD! AF6C alerts NC that VKZ is breaking (TXN, Bob) BVZ solves his computer modem problem, & XQR calls for 'RF' materials, studies code for the Xtra license, & catches a cold! VMS gets all new stainless steel hardware for the FD ant., puts up a new dipole fed wide open ladder line connected to the old Johnson Viking matchbox. And during the CQ WW Prefix contest, Bill works ZB2X on Gibraltar, and 4/1/FS, Soviets on MVI Island. PFA helps VD wide the packet software, gives Kent. ATK, a quick packet QSO, & Tom has problems wid via France to have his card delivered to the St. Pierre contact. Larry also builds a couple of J-pole ants. for a perspective ham.

THURSDAY NIGHT 15 METER CW NET STILL NEEDS A NET CONTROL- SAY YES!

Minutes of OCARC Board Meeting
June 1, 1991

Meeting called to order by President Ken Konechy at 8:22 AM. Officers present were Ken-W6HHC, Mike-KG4AA, Bruce-KC6DLA, Bill-N6VMS, Tom-WA6PPA, Bob-AF6C, John-KJ6TK, Larry-K6VDP, Frank-WA6VKZ and Chris-KJ6ZH. There were 33 members and guests present.

Field Day - Field day chairman, Frank-WA6VKZ, checked with the band captains to determine equipment needs. Ice chests and stove griddles are needed. Please bring them to the general meeting. A discussion was held as to whether to operate as 5A or 6A (no decision made). A setup party will be held on at 3PM Friday June 21 at the Tustin USMC Air Station.

Raffle - It was generally agreed that the raffle for the Yaesu FT470 hand held radio had been very popular. It was suggested that a similar raffle be held in the future.

Honorary Memberships - Several names were discussed as possible candidates for honorary memberships. Bob, AF6C, will check the club bylaws for eligibility requirements.

Meeting was adjourned 9:20 AM. Respectfully submitted, KC6DLA, Bruce Creager - Secretary

IF YOU ARE NOT IN THE CURRENT ROSTER AND PLAN TO ATTEND FIELD DAY, LET FRANK, WA6VKZ KNOW SO YOUR NAME CAN BE ADDED TO THE LIST AT THE MAIN GATE.
220 Spectrum Management Assn. of Southern California Band Plan by Jim Roberts, N6XTJ

It is my understanding that the following is the band plan that we adopted at the June 1, 1991 SMA meeting. I was present as a member and am passing along to you the plan as amended. I apologize if my understanding of the final motion is in error, but I wrote amendments to the plan as they occurred and believe the following is correct. The plan originated as the Frequency Board recommendation and as I said was amended on the floor. I hope you will find this information useful.

- 222.000 to 222.010 Small Signal (EME, SSB CW etc.)
- 222.020 to 222.380 Repeater Inputs 1.36 MHz wide containing 69 inputs. This doesn’t place any of the repeaters that are currently above 222.0
- 223.400 to 223.520 Simplex Voice includes Autopatch, Remote Base, Control links, etc (uncoordinated uses)
- 223.540 to 223.600 Packet (coordinating will be by the SCDC)
- 223.620 to 224.980 Repeater Outputs (1.6 MHz splits and 20 KHz spacing will remain the same as now)

PL will be required on all machines and I believe that all machines that are currently below 222 will be given first priority to pairs available in the future. The over 120 members that acted on this plan felt that it did the least damage. Everyone is being hurt by the loss of the first 2 MHz of the band. It was felt that in Southern California this plan would provide the greatest usage of the remaining band and therefore be favored by the largest group and still leave some space for almost everyone. Only 3 people voted against this plan in the end. You should have come to the meeting, anyone wishing to speak was heard. 73 DE Jim N6XTJ

Autobiography of the Vice Prez by Mike Abreu, K6KAA

First licensed in 1957 as a novice KN6KAA. I obtained my general class license K6KAA in 1958 and upgraded to advanced class in 1969. I held a Class Commercial Radio Telephone license from 1959 to 1969. Active on all amateur bands from 80 meters through 225 MHz. All of this mobile and capable of at least 100 watts.

Six Meters is kind of my favorite band. Kind of like snipe hunting, standing out in the field watching for the snipes to run in the sack or listening to static for hours on end. When a contact is made on six meters, it brings back the excitement of some of my first contacts as a novice and also reminders of some of the frustrations.

I have been associated with the Orange County Amateur Radio Club for just over 2 years. Last year’s Field Day with the club kind of reminded me of my first Field Day in 1957.

I currently am net control for ARES district 3 for which Frank, WA6VZK is the EC. If you check into a net, be careful if you ask who is net control. I did that very thing for the ARES district 3 net; the response was “You’re it!”

I am one of those native Californians, and have been outside the state only some two months. You may have heard me remark about needing a passport to leave California. I know you need one to get back in.

Cal Poly in San Luis Obispo is where I started college in 1959 and finally finished by BSEE (Electronics) 10 years later at Cal Poly Pomona after getting married and my first daughter and starting work for North American Aviation from 1962 through my graduation in 1968. Not having enough of school, I went back for more of the same and acquired a Master of Science in Engineering at Cal Poly Pomona, while working for Burroughs Corporation, now UNISYS, and a second daughter.

Some of my other activities include working for Unisys as a Senior Systems Specialist, but sitting down all day and typing seems more like a programmer. In my spare time I take care of my rental property in Bakersfield and Santa Maria.

CORRECTIONS TO APRIL 1991 OCARC ROSTER (as of 6/08/91)

1. Correct Rolf Franske, KB6QW’s phone number: (714) 531-3878
2. Correct Tom Thomas, WA6PFA’s street name: Gainsborough Rd.
3. Correct Ron Boman’s street name: Sereno
4. Add Ron Boman’s call sign: KM6RT
5. * Update Mel Chester’s call: K6G0IT, is KM6BT
6. * Add Ed Gordon’s new call: K6GTOP
7. * Change the following addresses:
   K6GOZ Q Don Hughes, 12111 Laguna St #4, Garden Grove, CA 92640 (714) 971-3448
   K6GOPI Cindy Hughes, 12111 Laguna St #4, Garden Grove, CA 92640 (714) 971-3448
8. ** Add new member:
   N6LYQ Jim Roberts, 20282 Orchid, Santa Ana Heights CA 92707, (714) 852-8341
9. Add new members:
   K6BWZ Bill DeSmith, 2423 N. Redwood Dr., Anaheim, CA 92806, (714) 533-4379

KC6OBY Robby Hatley, 380 E. 2nd St. Apt. 18, Tustin, CA 92680
KC6BGR Bob Scott, 300 N. Red Rock, Anaheim, CA 92807, (714) 996-6548
KC6FTX Belinda Morrow, 1314 Verano Place, Irvine, CA 92715 (714) 856-2131
W3JPG Clark Turner, 1314 Verano Place, Irvine, CA 92715 (714) 856-2131
* Brad Straussbaugh, 350 E. Del Mar Blvd. #311, Pasadena, CA 91101
* KC6SCI J.R. Atcheson 1600 W. Struck Ave. #185, Orange, CA 92667
* Richard Higgins, 315 N. Associated Rd #806, Brea, CA 92621 (714) 990-6536
* Paul Merget, 849 Canoga St., Anaheim, CA 92804
* N6GGN Maxine Reams, 15401 Williams St. #68, Tustin, CA 92680
(Astrisks show latest additions/corrections)

Welcome New Members!

June, 1991 - RF 15
Antenna Construction Party "5,9"!
by Brad Freeborn, KC6OJY

High performance antennas were taken home by proud builders who attended the Antenna Construction Party presented by the Monday Nite Beginner's Net. Bob Gregg, AB6CH and Sandy, KC6NUF hosted the event at their QTH in Westminster. Bob estimated 30 antennas were constructed with a head count of about 45 participants. Types of VHF and UHF antennas built included: 2 meter J-Poles, 2 meter colinears, and 70cm J-Poles.

Others elected to construct half wave vertical coaxial dipoles for 10 meters and some chose to make 10 meter wire antennas. The half square wires and the wire dipoles proved to be the most interesting performing antennas considering their low cost of about 2 dollars!

Jerry Davis, KK6YO, who provided his expertise and soldering iron, remained busy at his HF wire construction station, while Bob, AB6CH, stood by with the vertical dipole and J-pole builders ready to help out. Nancy, N6XQR, was on hand with her video camera and everybody got into the act.

Those who showed up didn't go home empty-handed. Just about everyone made a great antenna which produced a low SWR. There were Extra class amateurs present, along with Advanced, General, Technicians, Novices and many of the new "No-Code" Technicians still waiting for their call signs proved to be among the most ambitious of all the builders. Upon completion of construction, an antenna was tested for SWR and in many cases, actual on-air signal reports were obtained. Every individual project was successful, with no failures. Most builders made contacts and got signal reports on their own antennas right on the spot. The 2 meter J-pole and colinear antennas were tested on air and got great signal reports from KG6YCI in San Bernardino.

A 10 meter transceiver was on hand for testing the verticals and wire antennas. "5,9" was the signal report of the day. Coincidently, while receiving reports on 10 meters, a station in Tampa Bay, Florida began video-taping the signals on his monitor and offered to send a copy to the group. So, in turn, Bob, AB6CH, will send a videotape of the construction party to them as well.

Only minor tuning was required on a couple of the wire antennas. The half square wire tuning technique was demonstrated by Jerry, KK6YO, who showed us how to tune one in less than 10 minutes. However, he tuned a half square wire with a 2 to 1 SWR to a 1 to 1 match in less than 10 seconds!

Bob's vertical half wave coaxial dipole design received excellent signal reports from the East Coast and those that elected to build one were quite impressed by its performance, as was Warren, WA1GUD, and his 11 year old son Walter, KC4UCQ, of Tampa Bay, Florida, who really complemented Bob on the antenna. When Nancy gets their videotape from Florida, it'll be interesting to see the various signal strengths on their meter as they were received on the East Coast, not to mention seeing the people on the other end of the QSO.

Everyone was helping each other and it was a great seeing the spirit of ham radio at its best. Many were learning important fundamentals of antennas that they'll carry with them throughout their amateur careers and that's great for the new hams. 'Welcome' Prizes were given away for the best antennas. Winning f0r the best J-pole was Beth, (call pending). And Wendell, KC6R1W, won for the best vertical dipole. Finally, the winner of the Grand Prize, a car alarm system donated by Jerry, KK6YO, was Cindy, KC6OPI, for her 10 meter half wave wire dipole.

Congratulations to the winners and to all those that participated in this event, which turned out to be a big hit. Everyone did a swell job and had a great time!

Mike Nolan, KC6PYU of Costa Mesa helped out in the prototyping of the 10 meter vertical dipole and donated plastic for the antennas. Also, Gordon West, WB6NOA, donated coax and connectors. Jerry Davis, KK6YO, contributed wire and SO-239 connectors in addition to the grand prize. HRO donated a $20 gift certificate prize. The donations really helped out in making this event possible.

And thanks also go to Bob and Sandy for being such super hosts!

Here are some of the SWR measurements from the antenna construction party:

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<th>10 METER VERTICAL HALF WAVE DIPOLES</th>
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Let's do it again this fall! 73s Brad

Weekend No-Code Technician Class
By Bob, AB6CH and David, WA6TWF
June 28, 29, 30
at the Anaheim Emergency Operations Center
901 East Vermont St.
Call Bob, AB6CH at (714) 892-3728
to pre-register yourself or your loved ones!
The Prez Sez...... by Ken Konechy, W6HHC

Well, FIELD DAY is almost here!! Frank Smith / WA6VKZ, our 1991 FIELD DAY CHAIRMAN, has done a terrific job of getting all the various pieces organized for this year’s FIELD DAY effort. And Frank has many people like the TEAM CAPTAINS who are also planning and organizing various aspects of pieces of this undertaking.

ALL THE OCARC NOW NEEDS TO MAKE THIS FIELD DAY A SUCCESS IS YOUR HELP!!!

Many OCARC members have already made plans to help out during FIELD DAY. But if you have never attended an OCARC FIELD DAY before and you are not sure if you can help out.....then let me encourage you to come out and spend a little time helping the club. You don't have to spend the entire 24 hours at FIELD DAY. Try planning on just coming out for 3 or 4 hours if that is all you can spare. Some of the things that we need help with are:

* help with SET UP
* 1 hour relief shift with logging or duplicate checking
* 1 hour relief shifts at the mike or key
* helping with food preparation
* helping tired operators at night (for example: volunteering to do a new to 2 AM relief shift)
* taking slide pictures for the club
* help with TEAR DOWN

FIELD DAY is not all work! There is plenty of time to just shoot-the-breeze with club members and just plain have fun.

I am sorry that I missed the MAY meeting and terrific PRESENTATION on FD by Wayne Overbeck / N6NB, but my wife and I were still on vacation in Europe. Spring is a very pretty time in Europe, and we really enjoyed the green pastures, wild flowers, "black" forests, and castles that we saw as we traveled through England, Germany, Austria, and France. Europe is great and fun, but it was also nice to get home and speak American again.

SEE YOU AT THE FIELD DAY!!!

W6ZE is the Club Field Day Call Sign

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OCARC "W6ZE" FIELD DAY LOCATION

Some of the KEY TIMES for FIELD DAY are:

**ANTENNA LAYOUT AND TOWER HOLE DIGGING** FRIDAY (JUN 21) 3 PM

**OCARC NORMAL MEETING** FRIDAY (JUN 21) 7:30 PM

**BEGIN COMPLETION OF FD SETUP** SATURDAY (JUN 22) 7 AM

**BEGIN FIELD DAY CONTEST OPER.** SATURDAY (JUN 22) 11 AM

**FINISH FIELD DAY CONTEST OPER.** SUNDAY (JUN 23) 11 AM

**COMPLETE TEAR DOWN AND LEAVE** SUNDAY (JUN 23) 1 PM

**NOTE:** NANCY, N6XQR WILL BE VIDEOTAPING DURING THE WEEKEND. BRING HER A BLANK 2-HOUR VHS TAPE LABELED WITH YOUR NAME, ADDRESS, PHONE NUMBER AND CALL FOR YOUR OWN COPY + $3.00 IF YOU WANT IT MAILED.

OCARC MEETING LOCATION!

3rd Friday of the month - 7:30 PM
Thomas Guide Page 17 E-6

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June, 1991 - RF/7
CLUB FUNCTIONS

MONTHLY MEETING:
3rd Friday of each month, 7:30PM at REPUBLIC FEDERAL SAVINGS BANK
2400 E. Seventeenth Street, Santa Ana, CA
First building west of the 55 Freeway on Seventeenth St. 
Next to the Denny's Restaurant (see below) on the South side of the street.

NEW LOCATION STARTED WITH THE APRIL, 1991 MEETING

CLUB BREAKFAST:
1st Saturday of each month, 8:00AM at DENNY'S Resturant
2314 E. Seventeenth Street Santa Ana, CA (714) 543-0872
(Second bldg. west of the 55 Freeway)

CLUB NETS

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<th>BAND</th>
<th>MODE</th>
<th>DAY</th>
<th>LOCAL TIME</th>
<th>FREQ MHz</th>
<th>SPLIT</th>
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<td>FM</td>
<td>Wed</td>
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(Listen for W6ZE, net control) *Plus or minus QRM

ARES DISTRICT NETS

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1 - ARES Info net.
2 - ARES District 3 net starts after info net is completed (Usually about 1915 hrs).
3 - City Nets: Orange - 146.535 WB6FCP; Tustin - 146.505 KK6QE; Santa Ana - 147.585 W6HHC

ORANGE COUNTY AMATEUR RADIO CLUB, INC.
P.O. Box 3454
Tustin, CA 92681

First Class Mail

WB6 IXN
Bob Evans
701 South Kilson Dr.
Santa Ana, CA 92701

Time-Dated Material.
Please Rush!!