Field Day Info
by Nancy Bucher, N6XQR

Field Day is an annual contest sponsored by the ARRL that many, if not most, clubs throughout the United States participate in. Participants may run single or multiple stations. Certain types of stations do not count toward the total transmitters for class of entry such as packet and satellite, but do count for contacts and bonus points. The contest consists of making contact with as many other stations as possible during the contest period. Complete rules appeared in the May, 1992 issue of QST Magazine.

The Club call sign "W6ZE" will be the call sign for every transmitters at our Field Day site. Each station will be powered by our generators and each contact and exchanged is logged (written down on a log sheet) - duplicate contacts with stations (same band, same mode) are eliminated before submitting our entry.

To join us for Field Day, contact the appropriate station captain listed below or Frank Smith, WA6VKZ.

75m Jerry, KK6YO 310-781-0979
40m Larry, KM6UF 714-673-4002
(Phone and CW)
20m Nancy, N6XQR 714-537-8728
(phone - all YL operators on the air)
20mCW Phil, WA6LDI 714-840-9066
15m Bob, AF6C 714-639-5074
10m Tom, WA6PFA 714-771-2917
2m,6m Mike K6KAA 714-832-8503
(or at work 714-380-3311)

If you are interested in assisting on packet, contact Jim, N6XTJ or satellite contact Carmine, AB6KE at the Club meeting. These two stations require more knowledge than can be taught during the contest, but you are welcome to observe their operation.

Don, KC6ONZ, is in charge of food. If you can provide any of the following items, please call Don at 714-971-3448 as soon as possible:
2 or 3 tables
2 or 3 stoves with griddles
2 or 3 BBQs
The Club is providing Saturday dinner and Sunday breakfast to all workers.

Public Service Event

It's hard to believe, but it's that time of year again. Another California Classic is on the horizon so I would like to inform everyone of the dates. The event will be held on August 7, 8, and 9, 1992 at the same location as last year - Ernie Howlett Park in Rolling Hills Estates. The marathon will be held Saturday, August 8. This will be the day that I will need the most operators (Last year we had 24 people operating everything from handy talkies to packet to ATV.)

I have just been informed that the United States Equestrian Team will use our event to chose competitors for the World Driving Competition to be held at Gladstone in 1993.

Last March I suffered a severe heart attack, but am back on the mend. I don't know how this is going to affect my ability to coordinate everything this year, so I would appreciate as much help from you guys and gals as possible. If you can make the Classic this year, please give me a call as soon as possible. This way I can have my list somewhat firm in place for a follow up mailing of more details as the event gets closer. My phone number is (714) 531-0926 and there is an answer machine on duty when I'm not at home.

I'm looking forward to seeing everyone again this year.

73, Bob Tegel, KD6XO
Communications Coordinator
California Classic
Combined Driving Event

Page 1
Prez Sez
by Frank Smith, WA6VKZ

This is the month for “Field Day.” The weekend to practice and sharpen our skills for “Public Service” and “Emergency Communications.” Are you a grizzled OM who thinks digital communications is composed of dits and dahs or a “want-a-bee” ham, there is a spot for you at Field Day.

Field Day is a contest that allows us to practice for a disaster, but when we have enough participation “our” Field Day won’t turn into a disaster. One of the benefits of Field Day is that new hams don’t have to jump right onto a mike or pound a key. Observation of operations and participation as a “logger” and/or “duper” will slowly entice you to try your hand at operating.

As of now (6/2/92) OCARC will operate as class 5A:
80-75/10 for one station
15/40 for a second station
20 phone for the third station
20 CW for the fourth station
UHF/VHF for the fifth station
We will also have operating a packet station and a satellite station.

Those who can help on Friday afternoon, please meet at the helicopter base main gate at 1:00 PM. The more help the easier for everyone. We will lay out and erect as much as possible.

Show up on Saturday at 8:00 AM at the same place. Operations shall start at 11:00 AM and finish 24 hours later.

Hope to see you all at Field Day.

Motorcycles & Amateur Radio
by Ray Davis, KD6FHN

SOMETHING EXCITING is happening for those interested in both amateur radio and motorcycling. A new group is forming that combines both interests. They already have 10 members signed up on their new roster, with four others interested in joining at their next meeting.

The group meets on Tuesday nights at 8:00 PM on 144.375 SIMPLEX. All persons from either interest are welcome. The group will hold their next breakfast meeting at 8 AM on July 11, 1992 at Denny's Restaurant at the southwest corner of Tustin and 17th Street in Tustin, CA, that's 17th about 100 yards West of the 55 freeway.

This group had its first NET on Tuesday May 12th and we've already had hams going out to buy motorcycles and motorcyclists signing up for Amateur Radio classes.

This is a very friendly, enthusiastic group, come join the fun.

For more information, please call Ray Davis, KD6FHN at (714) 551-1036 or Ron Collings, WB6ZEL, at (714) 960-4383.

SCRAMBLED HAM
by Linda Davis, AB6KQ

Partial list of call signs include:

**PTACCAIRO**
**TNIRSAESEC**
**IOLANC**
**ITCRUIC**
**PESNIOEOHHR**

Answers in next month's RF
On the Nets -- May, 1992
by Bob Evans, WB6IXN

4/30 15/40m CW net - W6ZE/RND begins net on 15m, checking in HYL & NT. The group QSYs to 7.150 MHz to alleviate poor copy condx. When a broadcast carrier competes with us, we move to 7.140! IXN joins net hereafter return home frm hosp. visiting dad wd heart attack! OPS wish IXN's dad a speedy recovery. NT beats RND in the Nov. SS contest (p. 115 May QST). RND congrats NT! IXN finds media coverage of the LA carnage disgusting! HYL misses NT & IXN at the Campout, & Larry asks John if he misses the Campout 'after-shocks'!? John quips, "They put the RV to sleep, not me!" On 15, the Group picks up VK2BNZ, Jack, in Punchbowl, near Sidney, Australia. Group wants RND to change net freq. to 7.140 MHz. permanently wid all the OP 599 pts.!

5/6 15m phone net - W6ZE/A6FC checks in XQ, YZG, NGO, ULU, RND, BT, ULU/5 in Greenbriar, Ark., and XTI/5 in Locone, Ark. IXN, home late frm the hosp., listens on the side. A6FC gets XQ's message thru to the XYL. RND has awakened his interest in the guitar since the desert Campout. A6FC misses net last week due to LA riots. And IXN misses other OP reports!

5/6 2m phone net - W6ZE/IXN checks in FHU, NG7D VDP, QW, RND, RE, ZH & TAM, A6FC, FHN, ONZ & FZE, HHC, & XQR (by landline). XQR/VES Bob Maller's ham class tonite. And NG7D says WJ is called to duty in LA during the riots to protect firemen. What's this! John gets his own QSL bk frm Australia? VDP hears familiar OPs on 6m frm Hawaii today, & Larry checks out the Club Kenwood for OP use! Any takers?! QW throws a packet board in the new IBM, has 15m QSLs well over the 100 mark on the way to 5-band DXCC, & installs new HAMBASE (a call book) on the hard disk. RND prepares to visit fire stations in prep. for emergency service in Orange, RE & XYL go out for dinner on Ralph's BD, Cinco de Mayo! However, Ralph & XYL didn't 'belly up to the bar' wid the joyous crowd! During rioting, TAM decks low as she passes 2 gunmen robbing a Del Taco! And ZH thinks of the ZD8Z on Ascension Is., worked CW, as he passes out 'shells' along Imperial Hwy! And TAM says Huntington Park almost burned to the ground! FHN tells OPS abt Gold Wing Road Riders Assoc. net, which meets on simplex freq. 144.375 every Tues. c/v 8:00 pm. Principally a motorcycle net, the NC is Ron, WB6ZEI. HHC, not dressed in battle gear, joins a Marine convoy heading for LA frm Camp Pendleton. Ken was only along for the ride! HHC passes along WT6A's request for student demo. to son of student in Peace Corp in South America. KAA/M has plans to go north clouded by LA riots. ONZ & FZE 'fly in & fly out'.

5/8 40m CW net - W6ZE/RND checks in IXN, NT, ZH, & HYL. IXN gets on for 30 sec. Wyatt, BPX, is bk in the hosp. wid bladder infection & will undergo a prostate operation. NT hears all OPs FB. RND tells IXN & crew that widout earthquakes & riots, things are rather boring now.

Hi...Hi! ZH fools IXN, who thinks Chris is operating hand key. Noway! It's keyboard CW! All OPs welcome Christo to the net! HYL tells OPs that Target will hve Innovia battery packs on sale for abt $30! And RND can't find ZH's name on the Club roster!

5/13 15m phone net - All quite on 21.375! 5/13 2m phone net - W6ZE/IXN welcomes KD6JQW, Scott, to the net as we check in ZH & TAM, RE, VDP, KE, HQW, RND, FHU, TL, ESD, DBY, XQR, QW, OP1 & FZE. ZH & TAM entertain IBM & 160 mod at Moher's Day, including Sun. brunch! And TAM helps Chris sort 139 QSLs in prep. for the DXCC award! RE's back rebels when Alex attacks the weeds! Now Alex 'tenderly' records Newsline, & reminds OPs not to forget early bird ARRL Convention registration before May 15! VDP discovers QW's 6m rig needs an amplified mike to work properly. And Larry tells OPs that the new Swapmeet in Ontario charges a $15 sellers' fee. Larry will visit an electronics only Swapmeet every 3rd Sat. of the month at Rio Hondo College next. QST! Larry still has the Club $20 ready for loan!! Last Sat. night, KE5MRS a Russian OP in Kamchatka, & Carmine reads his OSCAR station for FD, mode B operation! KE tells OPs that the Tustin Marine Air Station is ours for FD!! HQW, talking computerizeez before net, joins the roundtable. Welcome, Scott! Age 14, Scott needs a ride to meetings. Call HQW at 968-3788 in FV, if you can help! RND announces that 15m CW net will now be the 40m CW net, meeting on a freq. of 7.140 MHz. + or - 50 kHz! And John is 'dragging' after repairing a roof near the Colorado River! XQR/WE at ICOM over the weekend, & Dorothy, ZN2/temp AG, passes her General! Congrats., Dorothy! IXN tells FHU abt Ohio motorcyclist who was interested in FHU, FL, N, & FHN's upcoming 4-corners tour of the US. And Devitt tells OPs abt the new Yaesu 2400H just installed on his bike, wid 5, 25, & 50 W out! And RE questions FHU about anti-burglary measures! TL flies in & 'flies the coop'! ESD interrupts his ballroom dancing lessons wid the ladies at the Senior center long enuf to work ZS5J, John, on 14.226 MHz phone, in S. Africa! DBY voraciously attacks the code, wearing out 2 tapes, and in the process of procuring more... Take note, RND! Doug WILL be General before long! QW leaves at 6 AM Fri. morn, for a wks vacation in Ft. Myers, Fla. And Rolf is pleased wid the two special QSLs frm an XE 21 in Mexico, & an EG 7 in Costa del Sol, Spain! OP1 & FZE manage to get groceries, as Cindy moves in the dy by wid the Red Cross activities!

5/14 40m CW net - IXN arrives home late! W6ZE/RND has already checked in NT, HYL/KM60U (congrats on new call, Larry), XQR, & KD6HAK, Lee, in Lemore near Fresno, after net! John & Larry discuss the new Ticket. IXN frantically tunes up near end of net, & Lee, HAK, listens on side to most of the net. Hm...XQR will make sure that Phil & Ray get together! (Nose IXN missed this one!) We will all 'eyeball' at Fri. Club meeting!

5/20 15m phone net - W6ZE/A6FC checks in NGO, IXN, XQ, & XTI. Kei still awaits the Club decision on new homes
Net Notes - Continued from Page 3

for Club FD equipment. And Kei finishes a 73' cable for one FD tower! IXN says BPX is now home from rehab for the stroke, & is enjoying Blanche's cooking! XO attends a wedding on Sat. & takes it easy on Sun., as Bob ponders problems with Imagewriter & Appleworks GS. & experiences success with a continuing healthy Club plant he received while in the hospital! XTJ has been home from the business/vacation trip bk East, fer abt 1 1/2 wks., & AF6C misses last week, installing a new dishwasher!

5/20 2m phone net - W6Z/E/Ixn checks in ZH & TAM, OPI, NG7D, VFP, ESD, RE, UF, PFA, XTJ, LRF, AF6C, VDP, RND, QQY, HHC, & UK. ZH will make copies of FD Proclamation fer backup if IBRF misplaces them! And TAM isn't feeling well, wid inflammation of the sinus & bronchitis & WalkingPneumonia! OPI is at the QTH to ink, playing wid the buttons on the new toy... a Kenwood 741! And ONZ calmly washes the truck! NG7D keeps one eye on the TV as he & OIPs trn PFA for the fine ATV program at Club meeting! And John must shop fer a Canadian VE who calls long dist. to lnc NG7D procures an item fer him! VFP, abt 50 mi. north of Eureka, is there in time to feel the aftershocks of the 6.9 Petrolia event. And Bud comments on gud 2m DX in the area! LRF laments missing the gud Brownsies at Club meeting, & Scott enjoys So. CA. WX, compared to TX WX! PFA extends AT VP over the weekend at the Mall! And Tom asks for Keperlans on the U8MIR-1 space probe! AF6C & IXN provide sum leads for PFA. RE has trouble wid sensitive discs in his back & tells OPs that S2/HADBUS has been accredited for DXCC! Ralph airs Newsline, & fer a Clear Air Petition (clean up bands), sends an SASE to: Clean Air Petition, Ham Radio Business Council, P.O. Box 5832, St. Louis, MO. 63134. ESD continues to 'trip the light fantastic!' wid the senior ladies at dance classes, but wasn't too tired to work W26C/S2 on 15m SSB in Bangladesh (QSL thru W4FRU). XTJ combines business wid pleasure on the trip bk East, presenting a professional paper, operating HF, while visiting Fla. Keys & up East Coast! HHC enjoy the new QTH, when not busy working! Ken just got bk frm Chicago! VDP investigates the mysteries of his new 4-button CMOS Super Keyer, & recommends a horizontal or vertical loop for OPs who need a cheap antenna! Larry also recommends the new Rino Honda Swap Meet to OPs! RND busies himself operating Armed Forces Day, CW & sideband, honing up his split operation skills! And DeWitt, FHU, now becomes KM6United Kingdom, just before he & FHN & FLP take off next Tues. on their '4-Corners U.S. Motorcycle Trip'! QQY 'flies in & flies out.'

5/21 40m CW net - W6ZE/RND checks in ZH, NT, XQR, VDP, UF, NT, IXN, & BWQ. Look out, Bob!. Here come the Larrys! (UF, VDP, etc.) 'Pro' Nancy sneaks BWQ, Anita, on the net much to the delight of the OMs! Love it!. CW is becoming more 'interesting!' by the day!! VDP can't stay... Chow on the table! XQR puts the landline on hold...misses her dinner...not too interesting! ZH hrs a VQ9WM on 15m, takes Jane to the Dr., & TAM feels better after getting sum 'stuff' fer the cold! Congrats, Anita!. FB 1st check-in! UF tries to get LRF, Scott, to 'massage' the key for a bit, but Scott bbs off fer the present! Step up the current, Larry...increase the 'lines of force' & 'thunk'!!...Scott's hand will be irresistibly drawn to the key! IXN keeps the seismometers quiet thru out net, & NT has RND move the net up '11' to get rid of the interfering carrier!

5/27 15m phone net - W6Z/E/Ixn checks in ZH, NGO, RND, & XQR. AF6C tells IXN to announce available manuals, books, magazines frm the 1942-57 era, on the 2m net. Bob will have a list available fer the Club breakfast. NGO goes thirsty...Kei goes fer a drink of 'water'! AF6C suggests to Kei that HHC 'clean the re-bar!' RND suggests that AF6C bring old publications to next Club meeting fer OP scrutiny! IXN cuts up his 'QSTs', while RND photocopies interesting articles! XQR suggests we notify BPX's YXL, Blanche, abt new Sat. Breakfast restaurant, Rickys, at Westminster & Euclid.

5/27 2m phone net - W6Z/E/Ixn checks in ZH & TAM, OPI, NG7D, RND, RE, XTJ, VDP, XQR, UF, & LRF. ZH works 4J1FS, MV Is., Malty Vysotskij Is., north of Russia, & picks up QSLs frm Easter Is., Wales, an FJ, & Kuwait, while TAM helps Chris send out numerous QSL cards! OPI/M hears us better in San Pedro than she does in Garden Grove! Cindy works on press releases for Club meeting & FD. NG7D & family motor to 'Lost Wages' fer the Memorial Day weekend, where they are entertained by a spectacular lighting & thunder storm. (slim pickings, otherwise!). And RND 'drols' when he hears abt NG7D's purchase of an old Century 21, 35 W, rig! RND expects to hear it on the CW net tomorrow eve! John also informs OPs of new CW net freq.: 7.141 MHz, + or - QRN! RE, IXN, NGO, & other OPs watch the auto carnage in Indianapolis. RE has been to the 'Indy' races 3 times, & XQR worked on programming fer the Indy Racefer 3 yrs. RE tapes the Race fer further review, gives sunspot rpt., & airs 'Newsline'. XQR & XTJ give RE weak sig rpts tonite! IXN comments on the fallacy of earthquake prediction wid accuracy at this point & time in history, & XTJ busies himself wid computer projects & an interesting T-hunt north of Bakersfield where the xmrn had 2 ants, one vert. & one horiz., at printing at 2 different mounds! VDP almost completes the 100 grid points on 6m, wid help frm a 6m opening last Sat. Wid equipment borrowed frm QM, Larry will tune up a CB Ringo ant. fer the 10m band! UF stands DX, capturing the Ivory Coast & a V85 in Brunei. Larry didn't get MV Is...yet! Excuses! Excuses!...LRF won't be on CW net tomorrow eve...He's 'baby sitting'! But Scott regains gainful employment at the Seal Beach Naval Base & get money fer more gear, & an upgrade to Advanced soon! RE asks OPs to contact Corky Corcoran, 557-6230 fer helpwld Sunday's Triathlon to benefit the Performing Arts Center.
Amateur Radio & Electronics Show* (Swapmeet)

Day/Time
3rd Saturday Each Month
7:00 a.m. - 11:00 a.m.

Location:
Rio Hondo College
3600 Workman Road
Whittier

Talk-in Frequencies:
146.175+, 223.620-, 445.925-

If you have any questions, contact:
Mike Wulfestieg, N6RHZ
President, CMRA
(714) 537-4230

Sellers' Permits Sold at Gate. Contact:
Hugh Headlee, N5SAY
Director, CMRA
*Sponsored by California Microwave Relay Association (CMRA), a non-profit corporation, dedicated to disaster communications; an Amateur Radio Emergency Services (ARES) member. Co-sponsored by Rio Hondo Radio Club (RHARC).

Minutes
General Meeting
May 15, 1992

The meeting was called to order at 7:32 pm by Frank Smith, WA6VKZ. Board Members present were Ken - W6HHC and Mike - K6KAA.

Program
Elmer "Tom" Thomas WA6PFA showed a video tape on Amateur TV and gave a demonstration. Many club members were caught on "Candied Camera" and experienced a Video QSO.

New Business
Kei Yamachika - W6NGO - can no longer store club equipment for Field Day. He will donate the utility trailer and stated that all equipment must be kept under cover. Skipper stated that he is willing to store equipment for the club.

Gary - KD6IBS has volunteered to print the RF for the club.

Old Business
Field Day
Dave - W6COJ - needs an up to date membership roster to give to the MCAS Tustin MPsto allow access for club members to the base. Frank - WA6VKZ - suggested that interested members meet at 1:00 on Friday, 6/27/92 at the Field Day site to preliminary set up. Band Captains who need shelters are to notify Frank by the June breakfast. The club is planning to operate 5A with one station operating 80/10 meters, one on 15/40 meters, one on 20 meters CW, one on 20 Phone, one on VHF/UHF, an OSCAR/PACKET station and a novice station.

Good of the Club
Bob Tegel - KD6XO - announced that the California Classic Carrage Event will be held on 8/8/92. Volunteers to handle communications are needed.

Alex - W6RE - announced that Armed Forces Day cross-band communications with MARS stations will be held on 5/16 and 5/17. El Toro MARS will listen at 14.280 and will transmit on MARS freq above 14.350. They will transmit RTTY, CW, and Phone.

Police Expo will be held 5/16 and 5/17 at the Orange Mall.

Ron - N6VO/FO5VO announced that his new QSL cards for his recent Tahiti operation will be ready in about 1 month. Hams who worked him will get a card.

Treasurer's Report
Checking - $1,24.04
Savings - $1,164.08
Cash O/H - $ 93.00

The meeting adjourned at 9:40 pm.
Respectfully submitted,
Jane Breller - KC6TAM Secretary

Minutes
Board Meeting
June 6, 1992

The meeting was called to order at 9:00 am by Frank Smith - WA6VKZ.

Board Member absent - Bob AF6C.

Old Business
Field Day The club will be operating 5A from MCAS Tustin. Stations will be: 20 meter Phone (Nancy N6XQR), 20 meter CW (Phil WA6LD), 40/15 meters (Larry KM6UF/ Ken W6HHC), 75/10 meters (Elmer WA6PFA), VHF/UHF (Mike K6KAA) and the following stations which count for score but not for classes: OSCAR (Carmine AB6KE) and NOVICE (Elmer WA6PFA). Field Day cook is Don KC6ONZ. Cindy KC6OPI has press releases prepared. Frank will need helpers on 6/27 from 1 pm on to do preliminary set up of the site. Ken will move the site to Thursday if required and will drill holes for towers on Friday. Carmine will order 2 Port-a-Potties. Shelters were discussed and the club will rent 2 tents.

New Business
No new business was discussed.

The meeting adjourned at 9:35 am.
Respectfully submitted,
Jane Breller, KC6TAM Secretary
Gordo's Demo Gear for Sale
by Gordon West, WB6NOA

The success of my many amateur radio and marine electronic columns is a "hands on" approach to the equipment I am writing about. Unlike some reviewers who talk about equipment they have "seen" from a brochure, I write about equipment in use that I have personally tried, tuned, and tested. There is absolutely no way of coming up with a product evaluation by simply reading over the sales brochures, or going to the candy store and turning the set on and seeing what it sounds like. The equipment doesn't get a product review until it has been thoroughly put through its paces, opened up, accessories plugged in, and thoroughly run in different parts of the country.

In order to be objective, the equipment that gets reviewed gets paid for. After all, when someone lays a new handset on you for free, it's pretty tough to be objective, isn't it? So I pay for everything I hold onto, and do a good deal now and then.

I now want to pass these good deals on to local amateurs looking for some gear less than a year old. Everything works up to spec, and some even beyond spec where I have modified it for expanded frequency use. I have the instruction books for most of the equipment. Things like antennas, bridges, and meters, you gotta figure out yourself.

DON'T CONSIDER THIS EQUIPMENT if you're a new ham. I cannot support any sold item with detailed instructions on how to use it, how to install it, nor do I have the time to twist your arm into buying this equipment that is probably beyond the normal factory warranty period.

BUT IT ALL WORKS GREAT! I just need to separate it out quick before I bring in more equipment this fall. I'll show you it works when you buy it, and after that, enjoy. It's great stuff at a fraction of the suggested retail price! Call MON-FRI, 10:00-4:00, 714/549-5000.

<table>
<thead>
<tr>
<th>EQUIPMENT</th>
<th>VALUE</th>
<th>CASH COST</th>
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<tbody>
<tr>
<td>Dual-band 2M/440 mobile 45W</td>
<td>$600+ ea.</td>
<td>$250 ea.</td>
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<tr>
<td>X-eivers (2) (includes tone units, mods, DTMF mike, wow!)</td>
<td>$600</td>
<td>$200</td>
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<tr>
<td>ICOM U-12 diode-program</td>
<td>$600</td>
<td>$200</td>
</tr>
<tr>
<td>commercial H.T. (Incl. big base chgr post. + big new battr.)</td>
<td>$600</td>
<td>$300</td>
</tr>
<tr>
<td>Kenwood TH-75A, dual-band H.T.</td>
<td>$600</td>
<td>$300</td>
</tr>
<tr>
<td>modified w/tone (Incl. BC-11 rpd chgr. + big xtra-batt.)</td>
<td>$400</td>
<td>$200</td>
</tr>
<tr>
<td>Yaesu 23 R 2m H.T., w/tone</td>
<td>$375</td>
<td>$150</td>
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<tr>
<td>w/tone + mod</td>
<td></td>
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<tr>
<td>220 MHz H.T. (works UPS)</td>
<td>$349</td>
<td>$150</td>
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</tbody>
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All equipment is in storage. You must pre-arrange availability and pick-up. Seasoned buyers only to appreciate these giveaway prices. No time to sell you or hold your hand getting the gear on the air. de Gordo, WB6NOA
Outbacker Antenna Review
by Carmine Fiorello, AB6KE

The Outbacker antenna is a short 1/4 wave vertical antenna manufactured by Terlin Industries, West Australia. In Australia, much ham radio work is done via mobile/remote areas thus the demand for a rugged multi-band mobile antenna was realized by Terlin Industries. An American, Don Arnold, WD4FSY, while traveling through the outback of North Australia noticed many Land Rovers and trucks using these multi-band antennas.

The epoxy resin coated multi-band antenna is built around a fiberglass core with a helically wound copper wire with specific tap points for each band. Don, WD4FSY, noticing the versatility and ruggedness of this antenna reached an agreement with Terlin on exporting these antennas to America. The Outbacker comes in different versions: a short 4 foot Junior, a 6 foot two piece version and a 6 foot one piece model with 10 - 12 - 15 - 17 - 20 - 30 - 40 - 80 meter tap points. Also Terlin makes a marine version with the appropriate frequencies.

The unique feature about this antenna is the "wanderlead" which is a tap which is wound counter-clockwise around the antenna from the base tap to the band that is selected. The antenna has a locking feral with an adjustable stub at the top for precise SWR adjustments. The band-width specs are: 10m - 500 kHz; 12m - band; 15m - 275 kHz; 17m - band; 20m - 200 kHz; 30m - band; 40m - 140 kHz; 75m - 25 kHz. The power rating is 300 watts P.E.P.

This antenna, for being a short vertical, performs well -- I have made many DX contacts: VK4BJC, 40m SSB; many 15 - 17m contacts: VKs, ZLs, UAs, PAs, IAs, JA5s, FK to name some. I have QSL cards from many of these stations to verify the solid contacts. Most every night on 17m, I usually enjoy a "rag chew" with ZLs or VKs. I often kid them that the antenna seems to favor propagation towards "home." Many are surprised to hear the signal it produces, for running barefoot!

I have tried Ham-Sticks, Fly Catchers, Hustlers to name a few and none of them seems to have the DX capabilities. This is my personal opinion. The above mentioned antennas seem to have a stronger local (0-500 miles) signal, but over 1500 miles, the Outbacker seems to pull away. I counterpoise this antenna on a 60' wrought iron fence in my back yard. (CC&Rs, HI HI) The antenna (6 foot version) costs $275 plus a rugged base spring mount -- $70.

To receive more information on this antenna, contact: Don Arnold, WD4FSY, at (615) 839-3350 7:00 PM to 11:00 PM EST. Any questions aside from that, I will try to answer.

OCARC Field Day Site
Friday, June 26 - 1:00 PM -- Antenna Set-up
Saturday, June 27 - 8:00 AM -- Station Set-up
Saturday, June 27th 11:00 AM to Sunday, June 28th 11:00 AM

FIELD DAY
CLUB MEETINGS
General Meeting is the 3rd Friday of each month at 7:30 PM
Anaheim Emergency Operations Center
909 East Vermont Anaheim, CA
West of 2nd set of railroad tracks.
A big antenna is in front with a red light on top.
Vermont runs east and west between Harbor and State College
Vermont is north of Ball and South of Lincoln

Board Meeting is the 1st Saturday of each month at 8:00 AM
Ricky's Restaurant -- Members and Visitors are welcome
10911 Westminster Ave. Garden Grove, CA (714) 539-7538
Northwest corner of Westminster and Euclid. South of 22 Fwy.

CLUB NETS

<table>
<thead>
<tr>
<th>BAND</th>
<th>MODE</th>
<th>DAY</th>
<th>LOCAL TIME</th>
<th>FREQ. MHz</th>
<th>NET CONTROL</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 Meters</td>
<td>SSB</td>
<td>Wed</td>
<td>8:00 PM</td>
<td>21.375*</td>
<td>AF6C</td>
</tr>
<tr>
<td>2 Meters</td>
<td>FM</td>
<td>Wed</td>
<td>8:30 PM</td>
<td>146.550 simplex</td>
<td>WB6IXN</td>
</tr>
<tr>
<td>40 Meters</td>
<td>CW</td>
<td>Thur</td>
<td>8:00 PM</td>
<td>7.141*</td>
<td>WA6RND</td>
</tr>
</tbody>
</table>

(Listen for W6ZE, Net Control) *Plus or minus QRM

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

First Class Mail

Time-Dated Material. Please Rush!!