

Q5

By and for the Downey Amateur Radio Club, Inc.



Volume XXI Number 8

Our 51st Year

August 2002

ANNUAL HO'OLAULE'A A SUCCESS

The Hawaiian Inter-Club Council of Southern California held the 23rd annual HO'OLAULE'A at Alondra Park in the City of Lawndale on 20th and 21st of July, 2002. Downey Amateur Radio Club was in full support of this event; with 14 Club members providing communications support.

As in the past, there was continuous Polynesian entertainment, arts and crafts vendors, and Island style foods.

A special thanks goes to **Rick Norwood**, KD6KHJ, who provided all the operators with a Hawaiian callsign badge; it was a very nice surprise.



Glenn Allen, KE6HPZ, (bad knee and all) provide ATV coverage of the event with two separate TV cameras and monitors. One unit covered the stage, could pan 360 degrees and was remotely controlled by radio (2m simplex). The other was located above DARC's booth. The booth was located in the middle of the vendors booths so there was maximum exposure to the public and many question were asked by the patrons of the event. This is a great exposure of Amateur Radio to the public.

This year we have a uneventful operation until Sunday afternoon. There was a medical emergency with a young boy choking who was taken to the Medical station and turned out just fine. The most serious event was the attempted kidnapping of a young girl (approximately 3 years old) by a man. The individual was not found after a extensive search by security and DARC members.

HICC expressed its great appreciation of the Downey Amateur Radio Club's participation .

I wish to personally thank the following members for their great support. **Rick Norwood**, KD6KHJ; **Ed Roos**, KC6ZHY; **Ginny Grudzinski**, AJ6CW; **Frank Myllo**, KC6YPV; **Arlene Schwartz**, KE6GFI; **Frank Hornberger**, N6ZDS; **John Kountz**, KE6GFF; **Steve Grudzinski**, AD6HT; **Dave Buhler**, WB6ZGF; **Glenn Allen**, KE6HPZ; **Douglas Lyon**, N6WZI; **David Brackett**, KE6POK; and **Jim Brackett**, KE6FVN.

Buck Kerns
AE6DT

Coming Soon: New Club Hats

I am pleased to announce that the new style DARC hats have been ordered and will be available for purchase soon. The new style hat features an attractive new look – a two-toned khaki and royal blue color scheme with the DARC logo embroidered on the front. It also offers a much more comfortable hat than our existing club hats, as well as 100% cotton construction that will provide much better protection from the sun (no more mesh in the back!). The price will be \$8 each, and they should be available for purchase in mid-August.

Ray Fas,
KD6GRM

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August Meeting

The August meeting of the DARC will be an Ice Cream Social and Show and Tell. Bring whatever project you are working on to show off!

The meeting will be held at the cafetorium at Sussman Middle School, 12500 Birchdale Ave., in Downey, beginning at 7:30 PM, Thursday, **August 1, 2002**

**THE DOWNEY
AMATEUR RADIO
CLUB, INC.**
P.O. Box 207
Downey, CA 90241



<http://www.DowneyARC.org>

Affiliations

Affiliated ARRL Club
ARRL Special Service Club
Los Angeles Area Council of Amateur Radio Clubs
Orange County Council of Amateur Radio Organizations

Frequencies

Simplex & Phone Patch: 145.595 MHz
2-Meter Repeater: 146.175+ no pl*
440 Repeater: 445.640 (-) PL 156.7 Hz*
* See Calendar for Net Skeds

Club Officers

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VE Exams

The Downey Amateur Radio Club provides VE examinations for all classes of Amateur Radio licenses on the third Saturday of each even-numbered month. Exams are held at the Downey Fire Department Headquarters, 1222 Paramount Boulevard, beginning at 8:30 AM. The exam schedule for the remainder of 2002 is as follows:

Aug 17 Oct 19 Dec 21

The ARRL/VEC test fee is \$10.00 for all tests. The fee is controlled by the FCC but goes to the ARRL to cover their expenses in providing the tests and handling the applications. Those planning to take tests are asked to contact **Wes Printz**, W3SE, at (562) 923-5598, or wprintz@ix.netcom.com prior to the test. This contact is appreciated but not mandatory. After the test session please wait 10 days before contacting the ARRL at (860) 594-0300 or <http://www.qsl.net/w3se> for new license information. Please do not call the FCC directly.

DARC Badges

DARC name badges are available for \$4.00, payable on order. Give your name and call sign to **Ray Fas**, KD6GRM. Previously ordered badges may be picked up at the Club general meeting.

Club Cups, Caps Shirts and Jackets

Item	On Hand?	Price	Pay
Caps*	Yes	3.00	On Order
Jackets	Yes	25.00	On Order
Tshirts	Most Sizes	10.00	On Order
Polo Shirts	Most Sizes	16.00	On Order
Coffee Mugs	Yes	3.00	On Order

Contact **Ray Fas**, KD6GRM, at any meeting or at (562) 861-6651
* Free to new members

Saturday Breakfast Location

Many DARC Club members meet for breakfast each Saturday morning at 7:00 AM at the Nordic Fox Restaurant, 10924 S. Paramount Blvd., in Downey (1/2 mile south of Florence Ave.) The restaurant reserves an area for DARC and offers good food at reasonable prices. See you there!

Permission to copy material from the Q5 is granted provided that credit is given to the "DARC Q5".

August Birthdays

The officers of the Downey Amateur Radio Club join the members of the Q5 staff in wishing each of the following a very happy birthday.

KO6JI	Buck Bickley	1
K1SL	Sam Lollar	3
ASC	Stepher Harr	12
NG6F	Dell Jorgensen	12
KE6IYI	Judy Johnson	21
KG6LCP	Gilbert Hornburger	22
KB6ATT	Ivan Mikulich	25
KE6GFI	Arleen Schwartz	27

Check out the Downey Amateur Radio Club **World Wide Web** site. It has more than just the articles from this newsletter. See color photographs, special features not included in the Q5, and links to other Ham Radio related sites.

<http://www.DowneyARC.org>

DOWNEY AMATEUR RADIO CLUB
SERVING THE DOWNEY AREA
SINCE 1951

DARC Annual Membership

Single: \$20 Associate: \$10
Maximum for Family: \$35

Make checks payable to "DARC",
Send to: **DARC Membership**
1400 Masser Place
Montebello, CA 90640

Include your name(s), call sign(s),
Address, and phone number

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President's Message

Service

Where do you serve? When do we stop serving? Surely we all serve someone. Have all the opportunities to serve become so overwhelming that it's just simpler to say no? A good friend of mine, Job Lara, who serves as a youth pastor at one of our local church's has a saying "*Make a Difference, Make a Mess but do something!*"



I believe we all serve in one way or another. We serve our families by providing for their needs both physically and emotionally. We serve our friends by offering them companionship and help. Past American Presidents Kennedy and Bush have asked "What we can do for our country" and "To be one of the thousand points of light". Many of you have taken these challenges to heart and serve on boards, committees and workgroups for civic groups, churches and clubs. For some giving so much of themselves they reach burnout. So when are we done should start saying no? Is there an age or time in our lives when we should stop serving? I know many retired people who are so busy serving they have less time on their hands than I do. At least working I get to go home in the evenings and have weekends off.

We are a Special Service club. Organized to serve the community using our special talents wherever needed. We have many opportunities every year to put ourselves to task in service to our Club and to each other. I am proud to be part of this group of service-oriented folks and I truly believe service never ends. Any group or organization is only as good as its membership and their willingness to contribute their time and talents for the good of the cause. In the next few months we will be assembling the nomination committee purposed to staff our Board of Directors for the next year. We are also looking for an individual or two to act as the Clubs representatives to the Los Angeles board of Amateur Radio clubs. I understand it's hard to step forward and volunteer but this is one of the traits that sets us apart from the community at large. Consider the difference you would make by contributing your talents to this organization that has served the community for 50 years and counting. Make a difference, make a mess but do something.

Dave
N6TEB

ARRL Receives Homeland Security Training Grant

The ARRL will receive a \$181,900 homeland security grant from the US government to train Amateur Radio operators in emergency communication. The League was among several dozen nonprofit organizations designated to receive some \$10.3 million in federal money to boost homeland defense volunteer programs. The grant, from the Corporation for National and Community Service special volunteer program, will provide free ARRL Amateur Radio Emergency Communications Course training to 5200 volunteers nationwide, starting in 2003.

--Extracted from *The ARRL Letter*, July 19

DARC General Meeting Minutes for July 11, 2002

President **Dave Glenn**, N6TEB, called the meeting to order at 7:32 PM in the cafetorium of Sussman Middle School. He then led the group in the Pledge of Allegiance.

Upcoming events: Dave asked **Buck Kerns**, AE6DT, to discuss the approaching Hawaiian Festival (Ho'olaule'a). Buck explained that the DARC has supported this event at Alondra Park in Lawndale for many years. This year it will be held on July 20-21. It is a two-day, all day public service project with food provided along with continuous entertainment. We will be working very closely with the security people as usual, in addition to logistics traffic. He is still accepting volunteers.

Dave Glenn asked for a show of hands by those that were at Field Day, remarking that it was a fun event and that some photos are available to see at the front table.

Dave called on **Ray Fas**, KD6GRM, V.P.-Ways and Means. Ray demonstrated some samples of the new Club hat and asked for members input. He also explained that the Club logo will be embroidered, not hot pressed, and we can have up to five colors on it.

Announcements: Dave Glenn advised the group that Ford Electronics has 9913 type coaxial cable for 60 cents a foot, which is about 10 cents a foot less than at other places.

He brought a schematic of a computer interface device for ICOM radios for the group to look at. The device can be built for around \$20 compared to a cost of \$139 for a manufactured unit.

Dave reminded everyone that the August meeting would be our annual Ice Cream Social.

Dick Palmer, WB6JDH, described the raffle prizes: A one-year subscription to World Radio; a 6-piece electronic screwdriver set; a set of alligator test leads; an analog AC clamp meter, a traditional Club hat and a Yaesu hat.

Dave Glenn announced there would be a Silent Key sale for the benefit of

(Continued on page 6)



Silent Key Sale for Bob Shand W6TBG

The items shown are being offered for sale by the wife of Bob Shand a long time member and Past President of the Club. Bob's interest focused on CW, QRP and generally working the world. The equipment is listed below noting it's condition. All gear is expected to be in working order but is being offered as-is. If you would like to check out the gear before you offer a bid you may contact **Dave Glenn, N6TEB**, for an appointment. Contact information may be found on the inside cover of this newsletter.

DARC Board of Directors Meeting Minutes July 11, 2002 - No minutes available at the time of printing of the Q5

You might be a No-Theory Tech if:

- ...You think that an "antenna feedpoint" is a barbecue at a tower raising party.
- ...You think that "reflected power" is when a weightlifter looks in a mirror.
- ...You think "corona discharge" is drinking a bottle of beer.
- ...You think Zulu time is an African time zone.
- ...You think "packet radio" is a hand held sealed in a foil pouch.
- ...You think a delta loop is part of a faucet
- ...You think a phasing harness is a weapons holster from Star Trek.

Used with permission by N3EG

To make a bid write your offer on a piece of paper, seal it in an envelope and mail it to Dave Glenn, 10240 Wiley Burke Ave, Downey, Ca 90241. Please mark BID on the outside of the envelope. On August 15th I will open all the letters and the bidders with the highest bid will be contacted by phone or email. You will be expected to pick up your purchase within one week. Condition will be noted as 1-Excellent, 2-Good, 3-Fair 4-poor. Good Luck.

Description	Shape	Notes	Min Bid
Yaesu 757GX	2	Nice HF Rig	250
Ameritron 811	1	HF Power Amp 400 – 500 watts	250
Kenwood TH28A	1	2 meter HT	75
Yaesu Ft 816	2	440 HT (needs new Battery)	50
MFJ Keyer	2	Paddle and Key	50
MFJ 9020 Tuner	1	Nice, high power, roller inductor	100
MFJ 986 QRP CW	2	20 meter qrp CW Rig	30
Vibraplex	3	Old Bug style CW Key	75
MFJ Clock	1	Dual time zone clock	10
JPS ANC 4	1	Noise Filter	30
Olson FS Meter	3	Field Strength Meter	5
Cushcraft R5	2	HF Vertical Antenna	40
LC Eng FS Meter	2	Digital FS Meter	30
Ashtron 20 A	2	Power Supply	50

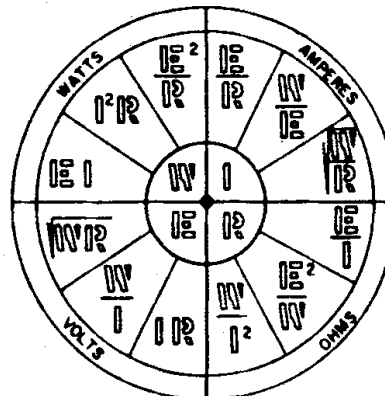
Mon. - Fri. 9:00 AM to 6:00 PM
Sat. 9:00 AM to 5:00 PM

Tel: (714) 521-8080
Fax: (714) 521-8920

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Email: sales@fordel.com



OHMS LAW

Do you have an idea for an article for the Q5? Remember guys, this is OUR newsletter, about OUR hobby. If you would like to submit an article to the Q5—please forward it to **Ginny Grudzinski, AJ6CW** (see page 2 for email address).

Voss Cites ARISS' Value In Senate Testimony

International Space Station Expedition 2 crewmember Jim Voss got in a few good words for Amateur Radio when he appeared June 19 before the US Senate Committee on Commerce, Science and transportation. A retired US Army colonel, Voss cited the value of the Amateur Radio on the International Space Station (ARISS) program in helping to inform and educate youngsters about space exploration and life aboard the ISS as well as to demonstrate scientific principles. ARISS is an international project, with US participation by ARRL, AMSAT and NASA.

Voss said ARISS "offers the opportunity for students to experience the excitement of space flight by talking directly with crewmembers of the ISS via Amateur Radio." Voss also cited the enthusiastic comments of **Allen White**, WB4MIO, who helped to coordinate Voss' ARISS contact with Admiral Moorer Middle School in Alabama. "There is no way I can adequately describe the excitement this created in our school and community,"

White wrote in a letter to Voss. "I think this was the most exciting educational event of the year for these students."

Although not an amateur licensee, Voss participated in several ARISS school QSOs from the controls of NA1SS, the ARISS station, during his duty tour aboard the ISS.

--Extracted from *The ARRL Letter*, July 19

N5TJ, K1TO MAKE IT THREE IN A ROW AT WRTC 2002!

It's final. The dynamic contesting duo of **Jeff Steinman**, N5TJ, and **Dan Street**, K1TO, took home the World Radiosport Team Championship gold for the third time.

Operating as OJ3A, N5TJ and K1TO racked up 1,629,798 points to again earn the top spot.

Grabbing the second-place silver was the Russian team, with 1,619,226 points from OJ8E. The German team picked up the bronze with 1,608,673 points.

--Extracted from *The ARRL Letter*, July 19

Amateur 220-222 MHz Band Under Attack In Canada

Radio Amateurs of Canada says the Land Mobile Radio community has asked the Radio Advisory Board of Canada (RABC) to look into the possibility of making all or part of the 220-222 MHz portion of the 220-225 MHz amateur band available for Land Mobile use in Canada.

The RABC will make its recommendations to Industry Canada later this year.

The band 220-222 MHz already is a Land Mobile band in the US and is not available to amateurs in most parts of the world. The remainder of the band--the 222-225 MHz portion--is not up for discussion.

--Extracted from *The ARRL Letter*, July 12

HIGHER AMATEUR VANITY CALL SIGN FEE EFFECTIVE SEPTEMBER 9

The FCC has officially set \$14.50 as the cost to apply for, renew or reinstate an Amateur Radio vanity call sign. According to a Report and Order adopted July 3, the new fee will become effective for applications received on or after September 9. The current vanity fee is \$12 for the 10-year license term. The FCC had proposed the new, higher fee in a Notice of Proposed Rulemaking (MD Docket No. 02-64) released March 27.

In its R&O, the FCC took the opportunity to justify its charging the vanity fee for vanity renewals as well as for initial applications. In comments filed in the proceeding, the FCC said, **Steven Karty**, N5SK, and **William J. Hanrahan**, W1WH, supported the payment of a regulatory fee to cover the initial administrative cost but questioned having to pay the fee upon renewal.

The FCC said it must collect nearly \$218.8 million through regulatory fees to recover its costs for FY2002. That's \$18.6 million--or approximately 9.3 percent--more than the amount designated for recovery through regulatory fees in FY2001. Of the total, the FCC estimated vanity fee revenue for FY2002 at \$130,500. The FCC has estimated that 9000 applicants would apply for vanity call signs in FY2002.

--Extracted from *The ARRL Letter*, July 12

Annual Yard Sale To Be Held September 28

The annual DARC yard sale will be held on Saturday, September 28 at the QTH of **Bill Heather**, KB6WKT. The yard sale is a major part of our fundraising effort every year, and the DARC is counting on you to donate your excess clothing and household items so that we can continue to support our Club repeater and activities such as Field Day, the annual picnic, and the many public service events that we perform. Please set aside your sellable items and mark September 28 on your calendars. If you have large items and are in need of a truck, please contact me by phone or email and I will make arrangements to have the items picked up at your QTH and delivered to the sale site.

We will also need volunteers to work at the yard sale, as well as volunteers with pickup trucks who can assist in transporting goods to the site. Please contact me if you are available to help in either capacity. We look forward to seeing all of you on September 28th!

Ray Fas, KD6GRM

Treasurer's Report June 2002

(Continued from page 3)

SUMMARY

Bank Balance as of 4/30/2002	\$2,756.95
Income	\$269.77
Expenditures	(\$302.69)

Bank Balance as of 5/31/2002	\$2,724.03
Raffle Holding Fund	\$422.69

INCOME	This Month	Year to Date	Annual Budget	(Over) Under Budget
Club Merchandise		35.00	315.00	280.00
DARC Dues	70.00	595.00	2100.00	1505.00
Interest on Savings	.77	11.03	40.00	28.97
Luncheon Reserv.		0.00	800.00	800.00
Misc Income	199.00	1641.75	1580.00	(61.75)
Fund Raisers		0.00	800.00	800.00
Totals	269.77	2,282.78	5,635.00	3,352.22

EXPENDITURES

	This Month	Year to Date	Annual Budget	(Over) Under Budget
Attend. Prizes		0.00	55.00	55.00
Autopatch, Rptr.		107.01	240.00	132.99
Club Merchandise			400.00	400.00
Club Bulletin				
Printing	118.21	793.00	1500.00	707.00
Supplies		8.65	20.00	11.35
Postage	34.00	263.30	650.00	386.70
Committees				
Awards		0.00	75.00	75.00
Education		332.92	30.00	(302.92)
Membership		26.91	50.00	23.09
Pub & Pub Rel		0.00	25.00	25.00
Sunshine		46.56	50.00	3.44
Equip Maint.		100.00	150.00	50.00
Events				
Christmas Party		0.00	25.00	25.00
Field Day	100.00	100.00	400.00	300.00
Luncheon		0.00	800.00	800.00
Picnic		0.00	50.00	50.00
Fund Raisers		0.00	50.00	50.00
Other Events		558.75	20.00	(538.75)
Insurance		0.00	400.00	400.00
Misc. Expenses	50.48	716.62	0.00	(716.62)
Officers Expenses				
President		0.00	25.00	25.00
Secretary		0.00	25.00	25.00
Treasurer		3.24	25.00	21.76
Other Organizations				
Dues		0.00	20.00	20.00
RHARC Repeater		0.00	200.00	200.00
PO Box		80.00	65.00	(15.00)
Refreshments		0.00	200.00	200.00
Stationary, Copies		0.00	20.00	20.00
World Radio Listing		0.00	65.00	65.00
Totals	\$302.69	\$3,136.96	\$5,635.00	\$2,498.04

Misc. Expenses \$708.62 Raffle, WM Service Charge \$8.00

Jon Olesen, KD6HXP
Treasurer

the family of **Bob Shand**, W6TBG (SK). He brought some samples of the equipment that is for sale and said a complete listing would be in the next Q5. He briefly explained the bidding process.

Dave then introduced **Bill Heather**, KB6WKT, our speaker for the evening on the subject of his tower trailer. The group adjourned to the athletic field where the trailer was parked. Bill related how the tower itself was originally an 88-foot unit, which he reduced to 45 feet. With extensions, it tops out at 65 feet. The trailer is completely home built and measures 16 feet by 102 inches, which is the maximum legal width. With help from **Glenn Allen**, KE6HPZ, and others, the entire unit was completed in about 2 ½ months working without any formal plans. Bill described the various features built into the trailer and that it is very heavy duty. He demonstrated the stabilizing legs and how the tower is lifted into the vertical position and then raised, noting that each section is locked in place during this procedure for maximum safety.

The group returned to the cafetorium for a refreshment break.

Following the break, motions were made, seconded and approved to accept the Treasurers report for June and the June General Meeting minutes as they appeared in the June Q5.

Dave Glenn introduced our guest, **Greg Ball**, KC6CSY, to a round of applause.

Dave reminded the group of our 2-meter and 440 nets each week.

Arlene Schwartz, KE6GFI, announced that the Pacific Coast Triathlon will be held Sunday, July 14, 2002 beginning at 5:00 AM and asked for volunteers to assist the Laguna Beach Emergency Communications Team in supporting this event.

The attendance drawing was held and since **Leon Emerson**, NM6M, was not present, the prize rises to \$40 next month.


Dave Glenn announced some free items are available at the front table and asked the group to take what they wanted.

Dick, WB6JDH, conducted the raffle with the following winners: Ray, KD6GRM, the clamp meter; **Jon**, KD6HXP, the screwdriver set; **Tom**, K6TV, the WorldRadio subscription; **Karen**, K6FOO, the test leads; Jim, **KE6FVN**, the Club hat and Dave, N6TEB, the Yaesu hat.

The meeting was adjourned at 8:48 PM.

Respectfully submitted,
Dave Buhler, WB6ZGF
Substitute Secretary

August 2002 Calendar

Sun	Mon	Tue	Wed	Thu	Fri	Sat
<i>July 28</i>	<i>July 29</i> 7:15 PM Downey DCS Net	<i>July 30</i> 7:00 PM 440 Net on 445.640- pl 156.7	<i>July 31</i>	1 7:30 PM General Meeting	2	3 7:00 AM Club Breakfast ARRL UHF Contest Starts 11AM
4 ARRL UHF Contest Ends 11AM	5 7:15 PM Downey DCS Net	6 7:00 PM 440 Net on 445.640- pl 156.7 7:30 PM Board Meeting	7	8 7:30 PM 2m Net on 146.175+ WB6ZGF	9 Q5 Deadline. Please Have your articles in on Time	10 7:00 AM Club Breakfast
11	12 7:15 PM Downey DCS Net	13 7:00 PM 440 Net on 445.640- pl 156.7	14	15 7:30 PM 2m Net on 146.175+ AD6AF	16	17 7:00 AM Club Breakfast ARRL 10 GHz & up Starts 6 AM
18 ARRL 10 GHz & up Ends 12 PM	19 7:15 PM Downey DCS Net	20 7:00 PM 440 Net on 445.640- pl 156.7	21	22 7:30 PM 2m Net on 146.175+ KD6NZW	23	24 7:00 AM Club Breakfast
25	26 7:15 PM Downey DCS Net	27 7:00 PM 440 Net on 445.640- pl 156.7	28	29 7:30 PM 2m Net on 146.175+ K1SL	30	31 7:00 AM Club Breakfast
Sept 1	Sept 2 Labor Day 	Sept 3 7:00 PM 440 Net on 445.640- pl 156.7	Sept 4	Sept 5 7:30 PM General Meeting	Sept 6	Sept 7 7:00 AM Club Breakfast

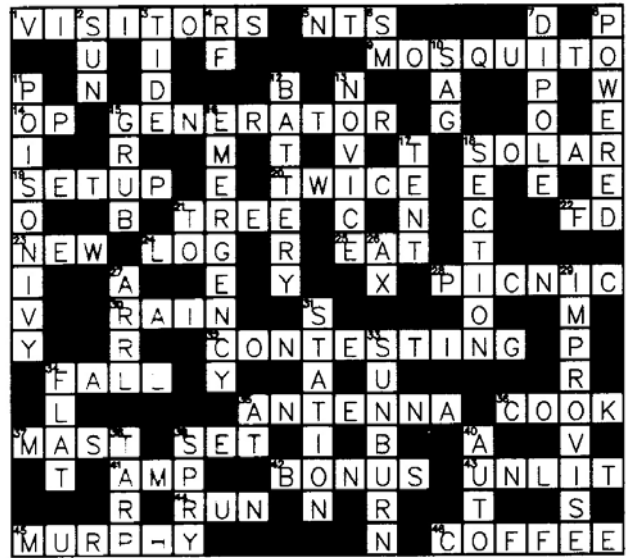
FCC to Get Tough on Offending Power Companies

The FCC plans to get tougher on electric utilities that fail to fix problems causing interference with Amateur Radio and other licensed communications. Special Counsel for Enforcement Riley Hollingsworth said he and the ARRL had reviewed all cases that the League has worked on and received no cooperation. In the future, initial letters from the ARRL and the FCC will impose a shorter compliance window and will be more firmly worded. Only a handful of cases have had to be forwarded by the ARRL to the FCC for action.

Over the past year, the League has worked with amateurs on behalf of the FCC to handle 72 complaints of suspected power-line interference. Ed Hare, W1RFI, the ARRL Lab supervisor, says that the effort has had its successes, but some cases may require more than an advisory letter from the FCC. "Having the FCC field offices investigate those cases where a power company is not willing or able to assume its responsibilities is a good next step," he said. "The League and the FCC both hope that continued cooperation will bring these cases to a satisfactory end without having to resort to drastic enforcement measures."

-Extracted from *The ARRL Letter*, July 26

Answers to Last months Field Day Crossword Puzzle



*Used with permission by
H. Ward Silver, N0AX
—ARRL Radio Puzzler*

FIRST CLASS



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