

Q5

The Downey Amateur
Radio Club, Inc.
P.O. Box 207
Downey, CA 90241.0207

FIRST CLASS

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

FORD Electronics, Inc.
Electronic Parts Distributor
Wholesale * Industrial * Commercial
Network Equipment

8431 Commonwealth Ave., Buena Park, CA 90621-2527
Email: sales@fordel.com

**By and for the
Downey Amateur
Radio Club, Inc.**

Volume XXIV Number 6 Our 54th Year June 2005

WINLINK - A MEANS TO INTERNET SOFTWARE FROM REMOTE LOCATIONS

The speaker for the June 2 meeting will be **Paul Robert**, ND6Q. He will introduce us to the use of WinLink software which is integrated with modems and networks to allow the transfer of e-mail messages between HF stations and the Internet. The software was first introduced in the year 2000.

Recently its use was reported in the news coverage of the Southeast Asia tsunami disaster. Several emergency communications groups have begun to experiment with its use for transferring emergency traffic in a recorded format. Currently the primary users of this digital technology include mariners, missionaries, scientists, explorers, and RV'ers.

Paul's interest in radio began at age 9, when he built his first transistorized radio with the assistance of a mentor, an electrical engineer from General Electric. At age 11 he began repairing radios for his father's friends. He even restored a Heathkit HF station. Although he strayed away from the hobby, he has always maintained an interest in electronics.

Paul currently holds an Extra Class Ham license, as well as a commercial GROL (First Class Radiotelephone License) and the highest grade of GMDSS Operator/Maintainer (also commercial). In his business he works with electronic navigation in the maritime environment which includes PACTOR e-mail applications, GPS, and satellite communications. Within the hobby of Ham Radio his interests center around HF using PSK31, SSTV, SSB and PACTOR modes. He teaches Ham Radio classes with Gordon West, WB6NOA, and belongs to several emergency communications groups.

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

<http://www.DowneyARC.org>

Club Officers

President

Dave Glenn, N6TEB
Phone: (562) 928-8560
dglenn@connect3.com

First Vice President

Sam Loller, K1SL
Phone: (562) 806-1234
k1sl@arrl.net

VP Programs

Arlene Schwartz, KE6GFI
Phone: (562) 928-1775
kg6gfi@arrl.net

VP Membership

Dick Palmer, WB6JDH
Phone: (562) 947-4556
wb6jdh@verizon.net

VP Service

Dave Buhler, WB6ZGF
Phone: (562) 861-6069
wb6zgf@catisle.net

VP Ways and Means

Kent Savage K6WCI
Phone: (562) 862-3223
ksavage@waterchemists.net

Director (One Year)

Tom VanBuskirk, K6TV
Phone: (562) 861-3085
tomk6tv@cs.com

Director (Two Year)

Ed Roos, KC6ZHY
Phone: (562) 691-3199
ed.roos@Verizon.net

Secretary

Bill Heather, KB6WKT
Phone: (562) 863-6607
wheather@catalina-inter.net

Treasurer

Frank Hornberger, N6ZDS
Phone (310) 635-2222
n6zds@qsl.net

Trustee, W6TOI

Tom VanBuskirk, K6TV
Phone: (562) 861-3085
k6tv@cs.com

Affiliations

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

Club Frequencies:

Simplex : 145.595 MHz*
440 Repeater: 445.640 (-) PL 156.7 Hz*
* See Calendar for Net Skeds

Q5 Staff

Editor: John Powell, KF6EOJ
jpowell@csulb.edu
Phone: (562) 862-4608
Alt Phone: (562) 985-8610

Associate Editors:
Doug Lyon, N6WZI
Phone: (562) 929-1441
delyon@verizon.net
Dave Buhler WB6ZGF
Phone: (562) 861-6069
wb6zgf@catisle.net

Publishing:
Dave Glenn, Laura Glenn, Margene
Glenn, Holly Glenn, Emily Glenn

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

Q5, as in: a signal that is perfectly
readable, hence the name of our
newsletter. We hope you agree.

DARC INFORMATION

DARC Annual Membership

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

Make checks payable to "DARC",
Send to: DARC Membership
3600 Platt Ave
Lynwood, CA 90262
Include Callsign

DARC Badges

DARC name badges are available
for \$11.00, payable on order. Give your
name and call sign to **Kent Savage
KG6LEI**.

Previously ordered badges may be
picked up at the Club general meeting.

Do you have an idea for an article
for the Q5? Remember, this is
OUR newsletter, about OUR
hobby. Please submit articles to:

John Powell, KF6EOJ

jpowell@csulb.edu

By the 15th of the Month!

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, 12222 Paramount Boulevard, beginning at 8:30 AM. The exam schedule for 2005 is as follows:

June 2005, August 2005

The ARRL/VEC test fee is \$14.00 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.

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!



Club Cups, Caps Shirts and Jackets

Item	On Hand?	Price
Caps	Yes	\$8.00
Jackets	Yes	\$35.00
T-shirts	Most Sizes	\$10.00
Polo Shirts	Most Sizes	\$16.00
Coffee Mugs	Yes	\$3.00

Pay when ordering.
Contact **Kent Savage, KG6LEI** at any meeting

VE Exams continuing

Those planning to take tests are asked to contact:

Steve Grudzinski, AD6HT, at (951) 264-7975, 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.qrz.com/callsign> for new license information. Please do not call the FCC directly.

**ARRL: American Radio Relay League
The National Association for Amateur Radio**

One of the benefits of membership is the QST Magazine

QST, Your Monthly Membership Journal

QST is simply **the source** for news and information on any topic that's part of, or relates to, Amateur Radio. Here's some of what you'll find every month:

- Informative and hard-hitting Product Reviews of the newest radios and accessories from hand-held and mobile FM radios, to home-station transceivers, antennas and even shortwave radios.
- Advertisements. You'll find everything from full-color pages introducing new radios to a large classified ad section.
- Each month's Coming Conventions and Hamfest Calendar columns show you who's getting together every month at hamfests, conventions and swap meets in your area.
- The Public Service column keeps you up to date on the public service efforts hams are providing around the country and shows you how you can join in this satisfying aspect of our hobby.
- Digital Dimension covers news in the Amateur Radio digital world and includes information on useful Web sites.
- The New Ham Companion section is filled with features and how-to information just for beginning hams. There's no jargon-filled "tech talk"--just straightforward, easy-to-understand articles designed to get you on the air doing the things you like best.

Whether you're interested in contesting, DXing, or radios, accessories and antennas you can build at home, *QST* covers them all: New trends and the latest technology, fiction, humor, news, club activities, rules and regulations, special events, packet radio, and much more.

Note new VE exam fee on next page. The fee for the exam has increased from \$12.00 to \$14.00 effective January 1st 2005.

President's message for June

I miss the rain. As of this writing we still haven't broken the all-time record for rain fall this year. Guess I'll just have to hope we beat the record next year. It seems we got through most all of our public service events without getting rained out. Excellent job of planning and execution by our VP of Service **Dave Buhler**, WB6ZGF. Dave managed to keep the clouds at bay and the radios running for all our events.



With summer just around the corner the contest season is quickly approaching. For me it starts with the June VHF contest the weekend of June 11th starting at 11am and going till 8pm Sunday. Many of your fellow club members will be out on Saturday from various local grids heating up the bands from 6 meters to light. Make an effort to monitor the simplex frequencies and answer the CQ contest calls. Even if you have FM only, many contesters give a shout there occasionally so go ahead and be part of one of the biggest VHF and above contests of the year. If you don't know what to say or how to contest you will find the VHF crowd much more open and friendly than the dog eat dog battles for Q's on the HF bands.

Speaking of HF, Field Day is June 25th and 26th. While the Downey club will not be hosting a field day this year many of our members will be participating at other club locations throughout the southland. Four or five of us will be with URAC at Fort McArthur in San Pedro. I will be hosting the Digital station running RTTY, PSK31 and any other HF digital modes I can muster up. There will be plenty of chances to operate and a terrific view of the ocean from their site perched high above San Pedro. Stop on by and say hi.

73, de N6TEB

Guest Editor for July Q5 Needed

Due to my vacation schedule I will not be able to get the July Q5 set up. I need a Guest Editor. Any volunteers?

Please see me at the June Club meeting or email me at: jpowell@csulb.edu.

Thanks & 73

John Powell, KF6EOJ
Editor, Q5

D.A.R.C. General Meeting Minutes – May 5, 2005

Dave Glenn, N6TEB, President, called the meeting to order at 7:30 PM with 30 persons in attendance. He then led the Pledge of Allegiance.

Dave Buhler, WB6ZGF, thanked those who volunteered for the Downey Street Faire and asked for help with the upcoming Kid's Day sponsored by the City of Downey.

Joy Matlack, KD6FJV, gave a brief overview of the Baker-to-Vegas annual run by members of the law enforcement community. There were more than 200 amateur radio operators involved this year.

Dick Palmer, WB6JDH, listed the raffle prizes available.

Arlene Schwartz, KE6GFI, introduced our speaker for the evening, **Richard Whited**, KG6JKJ, who gave us a presentation on the fire look-out program. He described the training and details of watching for fires in the various forests, as well as several short videos on the subject including air operations used in fire suppression. A question and answer period followed.

The group took a break at 8:35 P.M. The meeting was called back to order at 8:53 P.M.

The Treasurer's report for March as it appeared in the Q5 was approved.

It was noted that **Buck Kerns**, AE6DT, had purchased a new Club banner with his own funds and he is accepting donations. This will replace the aging and increasingly tattered banner that we have been using for many years.

The raffle was conducted by **Dick Palmer**, WB6JDH, and the winners are as follows: **Ray Olesen**, AD6AF, a 157 piece tool set; **Jack Jones**, W3OB, a hot/cold soldering iron; **Larry Tinkler**, K6LXT, a fire extinguisher; **John Powell**, KF6EOJ, a fire extinguisher and **Larry Tinkler**, K6LXT, a Baker-to-Vegas tote bag.

The meeting was adjourned at 8:59 P.M.

Respectfully submitted,
Dave Buhler, WB6ZGF,
Substitute Secretary

Raffle reminder:

Just a reminder that all tickets for our club raffles throughout the year are put in the bin for the yearly grand prize(s) that will be drawn at the annual November luncheon.

Starting with the December meeting a new feature was added. Each time you attend a meeting make sure to check your name off the roll call sheet, and a ticket for an annual attendance prize worth \$100 will be submitted for you. Remember, all you have to do is attend and check off your name, no purchase is necessary.

Remember, the raffle is totally self-supporting with the proceeds going towards the purchase of items for the next raffle, and so on. The more raffle money, the better the prizes and selection.

Thanks.

John Powell, KF6EOJ



Q5 Publisher Needed

Hats off to the crew that used to publish the Q5, back in the "olden" days. It used to take several people and lots of effort to copy, assemble, address and apply postage to the Q5. Now with the advent of "Modern" technology the Q5 is proofed online using Adobe Acrobat and sent to the printer electronically. This improves the quality of pictures and the overall publication. The Q5 comes out of the printer Folded and Stapled. All that is left to be done is to staple it closed and place the address label and stamp on the back.

For the past several months I have done this process. It takes about an hour or a little more if you include driving to Bellflower and Imperial to pick it up from the printer. With my duties as President and a very busy work schedule it is becoming increasingly difficult to squeeze this into my schedule. If you would like to do something for this great club and can spare an hour to an hour and a half a month I would appreciate hearing from you. The club has two electric staplers that makes it go really fast. Looking for a volunteer.

Thanks & 73

Dave, N6TEB

Looking for an Elmer?

Here are a few resources that can get you going.

Bill Heather, KB6WKT, 562 863-6607
kb6wkt@arrl.net - Helping Hams, Contesting

Ivan Mikulich, KB6ATT, 562 923-4577
kb6att@att.net - Helping Hams, Field Trips

Glenn Allen, KE6HPZ, 562 928-2080
ke6hpz@ham-radio.com - Microwave

Dave Buhler, WB6ZGF, 562 861-6069 wb6zgf@catisle.net - Net Control, Public Service, Emergency Communications.

Harold 'Buck' Kerns, AE6DT, 562 634-8441 ae6dt@arrl.net - Public Service,



Aloha from Ho`olaule`a

The time is coming near and many volunteers are needed for this July event. The annual Ho`olaule`a will again be at Alondra Park in Lawndale, CA. The Ho`olaule`a is sponsored by the Hawaiian Inter-Club Council of Southern California (HICCSC). For the new Hams, this event is two days (July 16th & 17th) Saturday 10:00 AM to 6 PM and Sunday 10:00 AM to 6 PM There is continuous entertainment and lots of food booths and various Hawaiian goods, arts and crafts for sale. This event will have 10,000 or more people visit the park.

DARC will provide communications to coordinate between HICC Officers & Event Coordinators, LA County Recreation Department and the Event Security unit. This effort requires about 30 volunteers each day. There are two shifts each day, but as for any event, the more volunteers we have, the shorter the shifts. The shift hours are between 7AM to 6:30 PM Saturday and 7 AM to 6:30 PM Sunday.

Normally there are two shifts and lunch will be provided. There are several positions that require walking (shadows) and others where no walking is required. The equipment required is a 2M HT, spare batteries, ear speaker or headset, and possibly you may want to bring a hat, chair and water bottle. The operational frequency will be the club simplex (145.595 MHZ), with talk-in on DARC's 440 repeater, 445.640 MHZ (-) PL 156.7 Hz.

Parking will be a problem this year. Again the total parking situation is up in the air. I will most likely still need your license plate number of your car / truck in order to get parking pass for you if parking will be available. More to come. We will see what we can work out. Lets car pool if possible.

Please sign up at the June or July meeting, or contact **Buck Kerns**, AE6DT or **Dave Buhler**, WB6ZGF as soon as possible.

See you there, 73 Buck, AE6DT

Treasurer's Report—Expenditures

2005	APRIL ACTUAL	YTD AC- TUAL	ANNUAL BUDGET	(OVER)/ UNDER BUDGET
EXPENDITURES				
Attendance Prize (Year End)		\$0.00	\$100.00	\$100.00
Autopatch, Repeater	\$17.58	\$70.24	\$225.00	\$154.76
Club Merchandise		\$0.00	\$400.00	\$400.00
Club Bulletin				
Printing		\$135.74	\$1,250.00	\$1,114.26
Supplies		\$21.64	\$30.00	\$8.36
Postage		\$110.26	\$550.00	\$439.74
Committees				
Award		\$0.00	\$75.00	\$75.00
Education/Awareness		\$0.00	\$30.00	\$30.00
Membership		\$0.00	\$50.00	\$50.00
Publicity & Public Relations		\$0.00	\$25.00	\$25.00
Sunshine		\$0.00	\$50.00	\$50.00
Equipment/Maintenance		\$0.00	\$150.00	\$150.00
Events				
Christmas Party		\$0.00	\$25.00	\$25.00
Field Day		\$0.00	\$200.00	\$200.00
Luncheon		\$0.00	\$0.00	\$0.00
Picnic		\$0.00	\$50.00	\$50.00
Fund Raisers		\$0.00	\$50.00	\$50.00
Other Events		\$0.00	\$20.00	\$20.00
Insurance		\$0.00	\$350.00	\$350.00
Misc. Expenses		\$0.00	\$15.00	\$15.00
Officers' Expenses				
President		\$0.00	\$25.00	\$25.00
Secretary		\$0.00	\$25.00	\$25.00
Treasurer		\$0.00	\$25.00	\$25.00
Other Organizations				
Dues		\$0.00	\$20.00	\$20.00
P.O. Box Rental		\$0.00	\$80.00	\$80.00
Refreshments, Meetings		\$0.00	\$200.00	\$200.00
Stationary, Copies		\$0.00	\$25.00	\$25.00
World Radio Listing		\$0.00	\$0.00	\$0.00
Total Expenditures	\$17.58	\$337.88	\$4,045.00	\$3,707.12

Follow-up to Downey Street Faire 2005

The Downey Street Faire 2005 was an expanded version with 220 booth spaces available and vendors lined up to take any of them after the 8:00 AM deadline for booth occupation expired.

This was the twelfth year of the Street Faire and the DARC has been there for each one, providing communications support for the Downey Chamber of Commerce that sponsors the event. There were the usual logistical problems that were quickly resolved with the Clubs help and a few medical emergencies handled by the Downey Fire Department personnel that were on scene, though none were serious.

Many people stopped by the DARC booth for information. We distributed literature relating to the Club and amateur radio in general. It should be noted that, due to our assistance to the Chamber in this event, our booth is reserved a space at no cost to the Club.

On behalf of the Downey Chamber of Commerce and its Street Faire Committee, and for myself, I'd like to thank those members who assisted in this event: **Buck Kerns**, AE6DT, who joined me at "oh-dark-thirty" for set-up; **Doug Lyon**, N6WZI, **John Powell**, KF6EOJ, **Larry Vaughn**, KD6NZW, **Paul Metzger**, KQ6EH, **Frank Myllo**, KC6YPV, **Rick Norwood**, KD6KHJ, **Blackie Snodgrass**, KB6RKW, and **Ed Roos**, KC6ZHY (each of whom started the day at 6:00 AM), **Chuck Anna**, KE6TBC; **Frank Hornberger**, N6ZDS, **Stan Ross**, KF6JGZ and **Dell Jorgensen**, NG6F.

73, WB6ZGF



Follow up to Kid's Day 2005

Kid's Day is held annually by the City of Downey at Furman Park and there are games, food, music, demonstrations and other fun things for kids of all ages. For the last few years, the DARC has been asked to participate in this event instead of being at Fire Service Day, which is held on the same day.

We set up the booth in our traditional spot and equipped it with the usual VHF simplex and UHF repeater capabilities, as well as an HF station. We had a variety of materials from the ARRL as well as some Club produced information to distribute, and we had people come by to ask questions. In addition, we had a Morse Code key setup so people could experiment with CW. That sparked one discussion as to why it is still relevant in these days of computers, the Internet and cell phones.



I'd like to thank the following members for helping in this project: **Buck Kerns**, AE6DT, who did the set-up along with **Doug Lyon**, N6WZI. Buck used his own "EZ Up" shelter and also provided the radios and antennas. Doug brought his big book of QSL cards from around the world (always an attention-getter). Both members staffed our booth for the

entire day, as I was unable to obtain any other assistance. These two are always ready to assist in Public Service work for the Club and should be commended for their commitment.

Attending Kid's Day is another way in which we in the Downey Amateur Radio Club promote our radio service and explain to the public and to elected officials what we do and how valuable amateur radio is during times of disaster.

73, WB6ZGF

Treasurer's Report—Income

2005	APRIL ACTUAL	YEAR-TO- DATE ACTUAL	ANNUAL BUDGET	(OVER/ UNDER BUDGET
INCOME				
Club Merchandise		\$0.00	\$200.00	\$200.00
Dues	\$60.00	\$405.00	\$1,845.00	\$1,440.00
Luncheon Reservations		\$0.00	\$0.00	\$0.00
Misc. Income		\$0.00	\$500.00	\$500.00
Fund Raisers	\$412.00	\$412.00	\$1,500.00	\$1,088.00
Total Income	\$472.00	\$817.00	\$4,045.00	\$3,228.00

Treasurer's Report—Summary

DOWNEY AMATEUR RADIO CLUB TREASURER'S REPORT April 2005

SUMMARY

CHECKING-WA MUTUAL \$3,046.78
BALANCE AS OF March 31, 2005

INCOME \$472.00
EXPENDITURES \$17.58
Raffle (Month) \$0.00
Raffle (Total Holdings) \$227.02

CHECKING-WA MUTUAL
BALANCE AS OF March 31, 2005 \$3,501.20

June Birthdays

16th, **Donald McFadden**, AA6LN
19th, **Ed Roos**, KC6ZHY
22nd **Ilias Nik Nikolaidis**, KQ6LS
24th, **Dave Glenn**, N6TEB
27th, **Hugo Martin**, AE6BC
27th, **Christine Goldberg**, KE6WWC
29th, **Frank Myllo**, KC6YPV

Happy Birthday To All

Sun	Mon	Tue	Wed
<h1>June 2005</h1>		31 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz	1 Net Control N6TEB ←
		5	6
12 VHF QSO Party	13	14 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz.	15 Net Control N6TEB ←
19 Father's Day	20	21 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz.	22 Net Control WB6ZGF ←
26 Field Day	27	28 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz.	29 Net Control WB6JDH ←
3	4 Independence Day	5 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz.	6 Net Control KN6LM ←

Thu	Fri	Sat
2 DARC MEETING 7:30 PM Sussman Middle School 12500 Birchdale Ave Downey, CA	3	4
9 2-meter net 7:15 pm Club simplex 145.595 Net Control K1SL	10	11 VHF QSO Party
16 2-meter net 7:15 pm Club simplex 145.595 Net Control AD6AF	17	18 ARRL Kid's Day
23 2-meter net 7:15 pm Club simplex 145.595 WB6ZGF	24	25 Field Day
30 2-meter net 7:15 pm Club simplex 145.595 KD6NZW	1	2
7 DARC MEETING 7:30 PM Sussman Middle School 12500 Birchdale Ave Downey, CA		