



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

<http://www.downeyarc.org>

## Club Officers

### President

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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

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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 Call sign

## DARC Badges

DARC name badges are available for \$11.00, payable on order. Give your name and call sign to **Kent Savage, K6WCI**.

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:

August 2005, October 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.

**Presidents Message August 2005,**



I want the rain back; It's so hot I can barley touch the keys on my keyboard. This is going to go down as one of the hottest summers in history. But you know it's not the heat it's the humidity. This makes it especially hard for me to "Tune for maximum smoke" when getting on HF. The conditions may be poor but the hams are smokin!

I read today the FCC released their proposal for rulemaking that finally addresses the Code issue and licensing in general. Looks like CW is going away as a requirement but we are staying with the 3 license structure. They had over 6000 comments thus far in preparation of their proposal. Not surprising as nothing seems to stir a discussion as the Morse Code issue. Personally I feel the FCC is headed in the right direction with opening the doors for more folks to upgrade their privileges. I know of several hams who passed their General written then never got the courage to take the code test. I know at least one who was ready and could of passed the CW test if he just went in and tried it. The good thing is now both these individuals can retake their tests and be allowed to join the ranks of HF operators which is good for all of us. The more there are the more we can work and it gives the manufactures incentive to keep producing fine radios like the ones we have seen recently. Of course this is just a Proposed Rulemaking and there is still time to comment. The entire document can be found on the web at the following address.  
[http://hraunfoss.fcc.gov/edocs\\_public/attachmatch/FCC-05-143A1.doc](http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-05-143A1.doc)

As we get close to the end of our club officers term it is once again time to accept nominations and look for new officers to serve on our Board of Directors in 2005-2006. I have appointed **Glenn Allen, KE6HPZ** and **Dick Palmer, WB6JDH** to the nominating committee. While I have enjoyed serving as your president for the past two years I feel its time to step aside and give someone else an opportunity. Many of the existing board members are staying on so whoever fills the vacancies can rest assured they will have a seasoned support staff to see them through their term. Please consider sharing your unique talents by serving on the board. A one year commitment really isn't that long.

With the advent of CW possibly going away I feel it is appropriate to end this column with:

.....  
.....

## D.A.R.C. General Meeting Minutes – July 7, 2005

Dave Glenn, N6TEB, President, called the meeting to order at 7:30 PM with 26 persons in attendance. Prior to the Pledge of Allegiance, Joe Francis, WB6SZK, gave a video presentation of what it means. The group then recited the Pledge.

The Treasurer's Report and the last General Meeting minutes were approved.

Buck Kerns, AE6DT, noted that the annual Hawaiian Festival, Ho'olaule'a, will be July 16 and 17 and many operators are needed to support this event. He explained some of the details and new aspects this year.

The C.Q. Worldwide VHF and the I.A.R.U. contests were announced.

The program was projects and interesting items from the membership. Frank Myers, N6ATU, brought a copy of the Q5 from May 1984. He also displayed an older model Pacemaker.

John Schroeder, N6QQ, showed his many awards won over the years and mentioned he has worked DXCC fourteen times!

Ray Olesen, AD6AF, displayed and discussed his various kit-building projects.

Dave Glenn, N6TEB, displayed his microwave project as well as a GPS tracker and a multi-connector power cord.

The group adjourned outside where Larry Tinkler, K6LXT, displayed several pieces of vintage radio equipment in the bed of a 1955 Chevrolet pick-up truck, which he has restored.

Buck Kerns, AE6DT, showed his mobile installation, which allows him to work from H.F. to U.H.F. in the comfort of his front seat.

The group took a break at 8:10 P.M. for the traditional July Ice Cream Social.

The meeting was called back to order at 8:32 P.M.

Joe Francis, WB6SZK, demonstrated a computer electricity course he has developed and which is currently in use at Norwalk High School.

Arlene Schwartz, KE6GFI, discussed the recent Laguna Beach landslide

## 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



## 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,



**Planning Calendar:**

Hawaiian Days: Buck Kerns, AE6DT, picked up an additional operator at the last meeting so he has the bare minimum to do the event.

Refreshments for August Meeting: Frank, N6ZDS, agreed to bring refreshments.

**Old Business:**

Club jackets: Kent informed the Board that the previous source of our jackets is no longer available. He will research samples and report back.

**New Business:**

Q5 format change: It has been suggested that the Q5 return to the full sheet format. Discussion included the greater risk of damage in the postal system with that format. The Board then decided to keep the present format.

Web site change: With the dropping of DSL service by Catalina Internet in recent months, the Board discussed the possible move of our web site to another host. No action was taken for the time being.

**Silent Key Committee:**

Dave Glenn and Dave Buhler will comprise the Committee for Hugo, AE6BC.

It was noted that a Nomination Committee needs to be formed soon.

The Board considered several suggestions for additional activities.

The Club Yard Sale is tentatively scheduled for October

The meeting was adjourned at 8:30 PM.

Respectfully submitted,  
Dave Buhler, WB6ZGF,  
Substitute Secretary

and noted that she and her husband John Kountz, KE6GFF, live on the opposite side of Bluebird Canyon. She displayed some photos she took of the disaster from her back yard as well as some Field Day photos and others from a disaster simulation event recently held in Downey.

She also announced that the speaker for the August meeting will be Dick Norton, N6AA, the ARRL Southwestern Division Director who will be bringing us up on the latest from the League.

The meeting was adjourned at 9:01 P.M.

Respectfully submitted,  
Dave Buhler, WB6ZGF,  
Substitute Secretary

**Hugo Martin, AE6BC, SK**

We recently were notified that **Hugo Martin**, AE6BC, became a Silent Key in June.

According to his XYL, his passing was quick and unexpected. The Downey Amateur Radio Club membership and the Board of Directors extend sincere condolences to his family.

**Minutes of the D.A.R.C. Board of Directors meeting – July 12, 2005**

Dave Glenn, N6TEB, President, called the meeting to order at 7:30 PM in the Emergency Operations Center at Downey Fire Station #1. Other Board members present were Sam Lollar, K1SL, First V.P.; Dick Palmer, WB6JDH, VP-Membership; Dave Buhler, WB6ZGF, VP-Service; Kent Savage, K6WCI, VP-Ways and Means; Frank Hornberger, N6ZDS, Treasurer and Tom VanBuskirk, K6TV, Director, One Year. Absent were Arlene Schwartz, KE6GFI, VP-Programs; Bill Heather, KB6WKT, Secretary and Ed Roos, KC6ZHY, Director, Two Years.

**Officers Reports:**

President: No report.

1<sup>st</sup> Vice President: No report.

VP – Programs: In Arlene's absence, it was announced that the speaker for the August meeting will be Dick Norton, N6AA, the Southwestern

Treasurer's Report—Expenditures

2005	JUNE		(OVER)/
	ACTUAL	YTD	UNDER
EXPENDITURES	ACTUAL	BUDGET	BUDGET
<b>Attendance Prize (Year End)</b>	\$0.00	\$100.00	\$100.00
<b>Autopatch, Repeater</b>	\$17.60	\$105.46	\$225.00
<b>Club Merchandise</b>	\$0.00	\$400.00	\$400.00
<b>Club Bulletin</b>			
Printing	\$62.35	\$328.31	\$1,250.00
Supplies	\$21.64	\$30.00	\$8.36
Postage	\$37.00	\$221.26	\$550.00
<b>Committees</b>			
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
<b>Equipment/Maintenance</b>	\$0.00	\$150.00	\$150.00
<b>Events</b>			
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
<b>Insurance</b>	\$0.00	\$350.00	\$350.00
<b>Misc. Expenses</b>	\$0.00	\$15.00	\$15.00
<b>Officers' Expenses</b>			
President	\$0.00	\$25.00	\$25.00
Secretary	\$0.00	\$25.00	\$25.00
Treasurer	\$0.00	\$25.00	\$25.00
<b>Other Organizations</b>			
Dues	\$0.00	\$20.00	\$20.00
<b>P.O. Box Rental</b>	\$76.00	\$80.00	\$4.00
<b>Refreshments, Meetings</b>	\$22.28	\$46.28	\$200.00
<b>Stationary, Copies</b>	\$0.00	\$25.00	\$25.00
<b>World Radio Listing</b>	\$0.00	\$0.00	\$0.00
<b>Total Expenditures</b>	<b>\$139.23</b>	<b>\$798.95</b>	<b>\$4,045.00</b>
			<b>\$3,246.05</b>

on 40 and 80 meters from between 0100 and 0300z. He has also been active using RTTY on 20 meters. QSL to home call.

Thank you to: ARRL & 425Dxnews.

DARC Member DXCC Count  
 WA6RTA 328 Phone (AM & SSB)  
 KB6ATT 305 Mixed, 60 CW  
 KK6T 297 Mixed, 264 CW, 235 SSB, 137 RTTY, 100 on 80 Meters.  
 K6ICS 295 Mixed, 288 Phone (AM & SSB), 164 Mixed on 40 Meters  
 KK6K 250 Phone, 200 CW  
 N6WZI 198 Phone on 10 Meters  
 K6TV 185 SSB, 85 QRP, 46 CW  
 WA6OUD 129 Phone on 10 Meters  
 W6TOI 102 Mixed  
 W3QB 100 Mixed, 85 on 20 Meters SSB  
 KQ6EH 57 on 30 Meters CW

I am interested in receiving DX reports for this column, one contact or many.  
 e-mail: [k6ics@arrl.net](mailto:k6ics@arrl.net) or via my website [www.catalina-inter.net/mgauthier](http://www.catalina-inter.net/mgauthier)

From page 4

Division Director for ARRL night.

VP – Membership: Dick reported he is still working on getting more members and has one individual set to make that commitment.

VP – Service: Dave Buhler, reported that, following the Hawaiian Festival, no public service events are scheduled until December.

VP – Ways & Means: No report.

Secretary: Absent, no report.

Treasurer: Frank distributed copies of the Treasurers Report. In answer to a question, it was noted that the Club has a bank balance far below the requirement for reporting it to a governmental agency.

Director, One Year: No report.

The minutes of the previous Board meeting were approved.

## DX NOTES by Mike Gauthier, K6ICS

### August Propagation Outlook

Summer noise has is high. High QRN levels on 160, 80, & 60 meters. 40 & 30 meters will have high noise levels but will have good DX propagation after dark. 20 & 17 meters maybe your best bands. 15, 12 & 10 meters will be spotty. Check the 10 meter beacons. Call CQ, be active and you will find there are DX openings. Keep a close watch on the bands after major solar events. Strange propagation may take place within 24-72 hours after an event. Signals may come from the wrong beam headings, or at times or on frequencies that are not "normal".

### August DX

MALAWI, 7Q. Harry, 7Q7HB is QRV in his spare time during the next three months. QSL direct via G0IAS.

UNITED ARAB EMIRATES, A6. David, G4BXH is QRV as A6/G4BXH. QSL via operator's instructions.

WALLIS AND FUTUNA, FW. Guy, FR5ZL is QRV as FW5ZL until August 13. Activity will be on 40, 30, 20 and 15 meters using CW, SSB and possibly RTTY and PSK31. QSL direct to home call.

SOUTH SHETLAND ISLANDS, HF0. Marek is QRV as HF0POL and has been active using PSK31 on 20 meters around 1930z and then on 30 meters from 2000 to 2100z. QSL via SP3WVL.

DOMINICA, J7. Pierre, HB9CUA is QRV as J79PAK until August 3. Activity is on 40 to 6 meters. QSL to home call.

MINAMI TORISHIMA, JD1. Marcus Loran Ham Club station JD1YBJ has been active on 30 meters around 0830z and then around 2000z. QSL via operator's instructions.

SLOVAK REPUBLIC, OM. Special event station OL200BA and others are QRV until December 31 to celebrate the "Battle of the Three Emperors" in Austerlitz 200 years ago. QSL via operators' instructions.

SAO TOME AND PRINCIPE, S9. Charles, S9SS has been QRV on 20 meters using SSB around 2145 to 0000z. QSL via N4JR.

MALI, TZ. Chris, TZ9A is often QRV on 20 meters using SSB between 2200 and 0000z. QSL via operator's instructions.

SYRIA, YK. Saad, N5FF is QRV as YK1BA and continues to be active

## Treasurer's Report—Income

2005	JUNE AC- TUAL	YEAR-TO- DATE ACTUAL	ANNUAL BUDGET	(OVER)/ UNDER BUDGET
<b>INCOME</b>				
Club Merchandise		\$43.00	\$200.00	\$157.00
Dues	\$40.00	\$515.00	\$1,845.00	\$1,330.00
Luncheon Reserva- tions		\$0.00	\$0.00	\$0.00
Misc.Income		\$0.00	\$500.00	\$500.00
Fund Raisers		\$412.00	\$1,500.00	\$1,088.00
<b>Total Income</b>	<b>\$40.00</b>	<b>\$970.00</b>	<b>\$4,045.00</b>	<b>\$3,075.00</b>

## Treasurer's Report—Summary

### DOWNEY AMATEUR RADIO CLUB TREASURER'S REPORT June 2005

#### SUMMARY

CHECKING-WA MUTUAL  
BALANCE AS OF June 1, 2005

\$3,310.39

INCOME

EXPENDITURES

Raffle (Month)

Raffle (Total Holdings)

\$40.00

\$139.23

\$52.56

\$297.61

CHECKING-WA MUTUAL  
BALANCE AS OF June 30, 2005

\$3,263.72

#### August Birthdays

1st, **Buck Bickley**, KO6JI  
2nd, **Larry Cude**, KE6EOL  
3rd, **Sam Lollar**, K1SL  
7th, **Harry Almada**, KG6OTW  
12th, **Dell Jorgensen**, NG6F  
21st, **Judy Johnson**, KE6IYI  
25th, **Ivan Mikulich**, KB6ATT  
27th, **Arlene Schwartz**, KE6GFI

Happy Birthday To All!

Sun	Mon	Tue	Wed
<b>August 2005</b>	1	2 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz.	3 <b>Net Control WB6JDH</b> ←
	7	8	9 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz.
14	15	16 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz.	17 <b>Net Control N6TEB</b> ←
21	22	23 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz.	24 <b>Net Control AD6AF</b> ←
28	29	30 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz.	31 <b>Net Control WB6ZGF</b> ←
4	5	6 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz.	7 <b>Net Control KN6LM</b> ←

Thu	Fri	Sat
4 <b>DARC MEETING 7:30 PM Sussman Middle School 12500 Birchdale Ave Downey, CA</b>	5	6
11 2-meter net 7:15 pm Club simplex 145.595 <b>Net Control KD6NZW</b>	12	13
18 2-meter net 7:15 pm Club simplex 145.595 <b>Net Control KISL</b>	19	20 VE Test Session, see pages 14, 15
25 2-meter net 7:15 pm Club simplex 145.595 <b>Net Control AD6AF</b>	26	27
1 <b>DARC MEETING 7:30 PM Sussman Middle School 12500 Birchdale Ave Downey, CA</b>	2	3
8 2-meter net 7:15 pm Club simplex 145.595 <b>Net Control WB6ZGF</b>		