

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

<http://www.downeyarc.org>

Club Officers

President

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

First Vice President

Rick Norwood, KD6KHJ
Phone: (562)-865-5750
kd6khj@arrl.net

VP Programs

Position Open
YOUR NAME COULD BE HERE!

VP Membership

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Phone: (562) 928-1775
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VP Service

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Phone: (562) 861-6069
wb6zgf@verizon.net

VP Ways and Means

Position Open
YOUR NAME COULD BE HERE!

Secretary

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Phone: (562) 860-3623
w6qm@msn.com

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Frank Hornberger, N6ZDS
Phone (310) 635-2222
frank@hornberger.us

Director (One Year)

Tom VanBuskirk, K6TV
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tomk6tv@cs.com

Director (Two Years)

Buck Kerns, AE6DT
Phone:(562) 634-8441
ae6dt@arrl.net

Trustee, W6TOI

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

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

Due 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 2007 is as follows:

December, February

Contact **Steve Grudzinski, AD6HT** at 951-674-4699 prior to the session.

Saturday Breakfast Location

Many DARC Club members meet for breakfast each Saturday morning at 6:30 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.

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

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.

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@verizon.net - Net Control, Public Service,
Emergency Communications.

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



Swap Meet Information

CHHS Electronics Swap Meet

Chino Hills High School
16150 Pomona Rincon Rd
Chino Hills, CA
Held the **third Saturday of each month**, 6:30 to 11:30 AM
See: www.chhsmusic.com/electswap.html

W6TRW Swap Meet

Northrop Grumman Parking Lot
Corner of Marine and Aviation
Manhattan Beach, CA
Held the **last Saturday of each month**, 7:00 to 11:30 AM
Talk-In 145.320, PL 114.8

Where is the Meeting?

While we normally meet the first Thursday of the month, this month we will not have a general meeting. Instead we are having our annual luncheon on **November 11th**. See the front page for details.

Minutes of the D.A.R.C. Board of Directors Meeting – October 9, 2007

Sam Lollar, K1SL, President, called the meeting to order at 1932 hrs in the Emergency Operations Center (EOC) at Downey Fire Station #1, and welcomed all board members. Other Board members present were Ed Roos, KC6ZHY, 1st VP; Dick Palmer, WB6JDH, VP Programs; Dave Buhler, WB6ZGF, VP Service; Ron Eveland, W6QM, Secretary; Frank Hornberger, N6ZDS, Treasurer; Buck Kerns, AE6DT, Director, Two Years, and Tom Van Buskirk, K6TV, Director, One Year. Also present was Rick Norwood, KD6KHJ, incumbent 1st VP.

Board Members Absent: Arlene Schwartz, KE6GFI, VP Membership, and Paul Metzger, K6EH, VP Ways & Means;

Officers Reports:

President: Sam asked Dick, WB6JDH to add the DARC Bylaws to our web site.

1st VP: Ed mentioned that he wanted to get rid of the equipment that he picked up that was donated by the family of James Weaver, KB6YEM (SK) to the DARC.

VP Programs: Dick reported that the November luncheon meeting reservation has been made at Rio Hondo, and that the speaker would be Dave Glawson giving a talk on microwave.

VP Membership: Absent

VP Service: Dave deferred to planning calendar.

VP Way & Means: Absent

Secretary: Ron had nothing to report. .

Treasurer: Frank distributed copies of the Treasurers Report.

Director: Two Years: Buck had nothing to report.

Director, One Year: Had nothing to report.

The minutes of the Prior Board meeting and the Treasurers Report were approved.

DARC Member DXCC Count

WA6RTA 328 Phone (AM & SSB)
N6QQ 326 Mixed, SSB 314, CW 250, RTTY 152, WPX 1921
KB6ATT 305 Mixed, 60 CW
K6ICS 295 Mixed, 288 Phone (AM & SSB), 164 Mixed on 40 Meters
K6TV 206 SSB, 126 QRP, 110 CW, 215 Mixed
N6WZI 198 Phone on 10 Meters
W6TOI 139 Mixed
WA6OUD 129 Phone on 10 Meters
K6EH 57 on 30 Meters CW

I am interested in receiving DX reports for this column, one contact or many.

e-mail: k6ics@arrl.net or via my website www.catalina-inter.net/mgauthier

Raffle Information

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.

Larry Tinkler, K6LXT, has been spinning the ticket drum for us. He has been bringing some interesting items for the raffle drawings. From time to time there may even be some special prize drawings.

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.

John Powell, KF6EOJ

DX NOTES by Mike Gauthier, K6ICS

November Propagation Outlook

Longer nights and decreased background noise mean better conditions on 20-80 meters. Overall DX conditions will remain poor. The best openings will remain on 20-40 meters at night. Watch 20-15 meters for daylight openings. These will be short lived. Follow the sun with your beam.

November DX

EGYPT, SUØARA: Mustapha, DL1BDF will be active from SUØARA November 10-18.

FALKLAND ISLANDS, VP8CXV. Chris, GMØTQJ will be QRV as VP8CXV from September 8 to January 15, 2008. He will be active using mostly SSB, but will also do RTTY and PSK31. QSL to home call.

FRENCH POLYNESIAN ISLANDS, FO5RU. Freddy, F5IRO, will be in Papeete (OC-046), Look for him in his spare time on all HF bands on CW, SSB and RTTY. He'll be there until mid-January 2008. QSL via F5CQ, Rafik, either direct with SAE and postage or via the French REF QSL bureau. Rafik has a Web page at www.f5cq.net/dxp/2007-FO5RU/fo5ru-fr.htm.

MALDIVES, 8Q7AU: Claudio, HB9OAU will be active from Dhonveli Island (AS-013) October 29 to November 10.

POLAND, HF15ØTG. Grzegorz, SQ9JKD is QRV using special call HF15ØTG until November 30 to commemorate the 150th anniversary of the local railway station in Tarnowskie Gory. QSL to home call.

SENEGAL, 6W. Jovica, 6W1SJ is operating using mostly CW with some SSB and digital activity while on work assignment. QSL via T93Y.

SOUTH COOK, E51NOU: Bill, N7OU will be active from Rarotonga October 8 to November 3. He plans to run low power, operating 80-10. QSL to home call.

SYRIA, YK. Syrian amateurs may use the 6C60 prefix from October 15 to November 11 in celebration of 60 years of amateur radio here.

UGANDA, 5X1AB: Arik, EK6DO is operating as 5X1AB from Kampala. QSL via K6EID.

DX information provided by: ARRL and 425 DX News, Thanks to all

Planning Calendar:

November 11, 07 - Annual Luncheon, Event is scheduled to start at 11:00 AM. December 2, 07 - Holiday Lane Parade, Dave reported that he currently has 13 people signed up, which is sufficient.

Old Business:

Aux Repeater & Club Repeater: Frank, N6ZDS, has not received any receipts from Glenn Allen to reimburse him for repeater expenses. Sam, K1SL, will talk to Glenn concerning this reimbursement, and make it clear that the club will not carry this expense over to the next fiscal year, which begins in November.

Silent Key Committee: Dave, WB6ZGF, reported that a check has been issued to Mrs. Fujimoto in the amount of \$1845.00, which was the total amount received from the silent auction of her husband's equipment. Several items remain to be picked up, and there were a few items remaining since no bids were received. Dave will send the board members a list of the remaining unsold items. It was also reported that the family of Joe Francis, WB6SZK (SK) would be donating some equipment to the DARC. Sam, K1SL, suggested that some of the donated equipment that we have recently received be considered for prizes at the monthly club raffle. Ron, W6QM, will follow up with Larry Tinkler, K6LXT, and Raffle Chairman.

Club Merchandise: No report available. Sam, K1SL volunteered to call Paul, K6EH, to have him return the club merchandise that he has, since he will be leaving the board.

Vacant Board Positions: The VP of Programs remains open. Sam, K1SL suggested that if it remains unfilled that the two Directors fill in and find speakers. Rick, KD6KHJ, suggested Jeff Jablonski for our January 2008 meeting, and volunteered to make a call to see if Jeff was available. The VP of Ways and Means also remains open, but Sam, K1SL may have someone that will take the position.

Limitation on Programs: A discussion followed on some our program's lengths, and the board agreed that a limitation of 35 to 45 minutes be placed on speakers at our club meetings, and a limit of 1 hour at our annual luncheon.

The meeting was adjourned at 2027 hrs.

Respectfully submitted,
Ron Eveland, W6QM, Secretary

D.A.R.C. General Meeting Minutes – October 4, 2007

Sam Lollar, K1SL, President, called the meeting to order at 7:32PM with 27 persons in attendance, and welcomed everyone. He then led the Pledge of Allegiance.

Sam introduced himself and then asked all those in attendance to each introduce themselves'.

Next Dave Buhler, WB6ZGF, came forward and announced that the Holiday Lane Parade is coming up on December 2nd and that volunteers were also needed for this event. Dave also provided a sign up sheet for those interested in helping.

Next Sam turned the meeting over to Dick Palmer, WB6JDH, VP Programs. Dick then began our evening's program by introducing our speaker, **Larry McDavid**, W6FUB, who is also the President of the Fullerton Amateur Radio Club, and had also worked in the connector industry.

Larry's program was titled "The Terminator" which is a presentation on the crimping of terminals. The program started with a presentation on Powerpole connectors, which are a universal power connector used by DCS personnel and many Hams, then went on to include a wide variety of other connectors, and finding the correct tools for the job. Before attempting any crimping the wire must have the insulation properly trimmed back without nicking any of the wire strands. It was also stressed that only stranded wires be crimped, and that solid wires should never be crimped.

When you crimp a terminal to a wire the standard electrical crimping tool that you can find at most hardware stores was considered unacceptable, and that to really make a proper crimp, a tool designed for the pin or socket must be obtained, usually at a cost from \$50 to several hundred dollars. A good tool that can be used for the Powerpole connectors is made by Mountain Radio Tool, and sells for about \$50. The best crimping tools are also ratcheted so that the proper tension will be applied to obtain a good crimp.

Larry concluded by showing examples of crimps, both good and bad, and also the testing involved to determine if a crimp was reliable. Larry also stressed that crimped wires should never be soldered as this only weakens the crimp.

The meeting was adjourned for a short break.

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ed	Thu	Fri	Sat
	1 No DARC Meeting Luncheon, Sun 11th 2-meter net 7:15 pm Club simplex 145.595 Control: K1SL	2	3 DARC Breakfast, 6:30 AM (see pg 15) California QSO Party
	8 2-meter net 7:15 pm Club simplex 145.595 Control: AD6AF	9	10 DARC Breakfast, 6:30 AM (see pg 15)
	15 2-meter net 7:15 pm Club simplex 145.595 Control: WB6ZGF	16	17 DARC Breakfast, 6:30 AM (see pg 15) CHHS Swap meet (see pg 3)
	22 No Net Thanksgiving	23	24 DARC Breakfast, 6:30 AM (see pg 15) W6TRW Swap meet (see pg 3)
	29 2-meter net 7:15 pm Club simplex 145.595 Control: K1SL	30	1 DARC Breakfast, 6:30 AM (see pg 15)

Sun	Mon	Tue	Wed
Nov 2007			
		30 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz Control: N6TEB	31
4	5	6 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz Control: KN6LM	7
11 DARC Luncheon 11 AM. Rio Hondo Country Club, Downey	12	13 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz Control: AD6AF	14
18	19	20 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz Control: WB6ZGF	21
25	26	27 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz Control: WB6JDH	28

After the break Sam reminded everyone of our Annual Luncheon, to be held at the Rio Hondo Country Club, which will start at 11:00 am, and the cost will again be \$25 for each person. Sam reported that there were 17 members that attended Joe Francis' funeral. Sam announced that Hamcon made a profit, and we should be receiving our share soon.

Next Tom, K6TV, spoke briefly about the yearly club elections and that two positions remained unfilled, with no member interest, the VP of Programs, and the VP of Ways and Means. Nominations were then opened from the floor for all board positions. At that time Rick Norwood, KD6KHJ was nominated for 1st VP by Frank Mylo, KC6YPV. No one else was nominated, and since all positions were either unopposed or unfilled the candidates were accepted by acclimation.

Arlene, KE6GFI talked briefly about the October contest activity Dick, WB6JDH, reported that our November speaker would be Dave Glawson.

Sam asked for motions to approve the General Meeting minutes as they appeared in the Q5. Motion made, seconded and approved.

He then asked for a motion to approve the Treasurer's Report as it appeared in Q5. Motion made, seconded and approved.

Larry Tinkler, K6LXT, again conducted the raffle with a different twist, which he called a "Chinese Raffle". This evenings winners were: Sam Lollar, K1SL, A 2 in 1 Wire Stripper, Norman Wright, KG6FSA, a VOM and a Ohmite Resistor, Ken Carlson, N6SWO. A Solder Station, Ray Olesen, AD6AF, A Pick Up Tool, and a Mini Pliers Set, John Johnson, W6NH, A 2 in 1 Wire Stripper, and Ivan Mikulich, KB6ATT, A Helping Hand.

Sam wished everyone good evening and the meeting was adjourned at 9:20 PM.

Respectfully Submitted,
Ron Eveland, W6QM, Secretary

Treasurer's Report—Expenditures

2006 - 2007 EXPENDITURES	Sep 07 ACTUAL	YTD ACTUAL	ANNUAL BUDGET	(OVER)/ UNDER BUDGET
Attendance Prizes		\$0.00	\$100.00	\$100.00
Repeater Phone Line	\$63.95	\$210.00	\$225.00	\$15.00
Club Merchandise		\$0.00	\$200.00	\$200.00
Club Bulletin				
Printing	\$64.95	\$766.41	\$1,000.00	\$233.59
Supplies		\$17.27	\$30.00	\$12.73
Postage	\$32.80	\$349.60	\$400.00	\$50.40
Committees				
Award		\$30.58	\$75.00	\$44.42
Education/Awareness		\$0.00	\$30.00	\$30.00
Membership		\$0.00	\$25.00	\$25.00
Publicity & Public Relations		\$0.00	\$25.00	\$25.00
Sunshine		\$0.00	\$50.00	\$50.00
Equipment/Maintenance		\$0.00	\$50.00	\$50.00
Events				
Christmas Party		\$0.00	\$25.00	\$25.00
Field Day		\$0.00	\$50.00	\$50.00
Luncheon		\$0.00	\$100.00	\$100.00
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		\$119.95	\$100.00	(\$19.95)
Officers' Expenses				
Board Members		\$0.00	\$50.00	\$50.00
Treasurer		\$43.04	\$50.00	\$6.96
Other Organizations				
Dues		\$10.00	\$20.00	\$10.00
P.O. Box Rental		\$84.00	\$80.00	(\$4.00)
Refreshments, Meetings		\$48.75	\$200.00	\$151.25
World Radio Listing		\$65.00	\$65.00	\$0.00
Total Expenditures	\$161.70	\$1,744.60	\$3,420.00	\$1,675.40

Treasurer's Report—Income

2006 - 2007 INCOME	Sep 07 ACTUAL	YTD ACTUAL	ANNUAL (OVER)/UNDER BUDGET	BUDGET
Club Merchandise		\$0.00	\$200.00	\$200.00
Dues	\$40.00	\$1,010.00	\$1,335.00	\$325.00
Raffle				
Misc. Income	\$4.00	\$156.00	\$885.00	\$729.00
Fund Raisers	\$143.05	\$143.05	\$1,000.00	\$856.95
Total Income	\$187.05	\$1,309.05	\$3,420.00	\$2,110.95

Treasurer's Report—Summary

**DOWNEY AMATEUR RADIO CLUB
TREASURER'S REPORT
Sep-07**

SUMMARY

CHECKING-WA MUTUAL	\$2,806.89
BALANCE AS OF Aug 31, 2007	
INCOME	\$187.05
EXPENDITURES	\$161.70
Raffle (Month)	\$9.35
Raffle (Total Holdings)	\$583.73
Brunch (Month)	\$0.00
Brunch (Total Holdings)	\$35.22
CHECKING-WA MUTUAL	
BALANCE AS OF Sep 30, 2007	\$2,841.59

November Birthdays

Mary Carlson, KC6BBJ, 3rd
William Livingston, WA6QLW, & **Nancy Anna**, KE6TBD, 5th
Frank Hornberger, N6ZDS & **Warren Pope**, W4HDC, 22nd
Bryon Dillon, KB7YWH, & **Paul Metzger**, K6EH, 26th
Art Varney, WA6OZQ, 27th
Blackie Snodgrass, KD6RKW, 30th

Happy Birthday To All!