

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

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Q5

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

Volume XXVI #8 Our 56th Year August 2007

Amateur Radio TV is the August Presentation

Amateur Radio TV, or **ATV** as it's called, will be presented at the August meeting by **Martin La Rocque, N6NTH**.

What is ATV? Its the ability to send and receive television pictures on the Ham bands. Using the VHF bands its possible to send and receive high quality TV signals, even via repeaters devoted to this mode.

Our speaker, Martin, has been a Ham for 30 years. He started in ATV 15 years ago by sending a picture from Avalon to San Pedro, which in turn was fed to a hotel for a water skiing race from Long Beach to Avalon and back.

He has also been involved with ATV and ORACES (Orange County Radio Amateur Civil Emergency Service). He has also done other special events, including sending a video picture from a plane to the ground.

Martin is also a member of the ATN (Amateur Television Network), a local organization with repeaters on many local mountain tops.

The following diagram is from the ARRL web pages. Search for "ATV"

Fig 1—Diagram of a basic 70-cm ATV installation. The various station components are discussed in the text.

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

<http://www.downeyarc.org>

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Trustee, W6TOI

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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 **Paul Metzger** K6EH.

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:

August, October

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.
Contact **Paul Metzger**, KQ6EH at any meeting

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.

Email Roster Request

For some time now, I've been thinking the Club should have a roster of e-mail addresses for its members, just as we do for residences and phone numbers. Since it was my idea, I have the responsibility of drawing it up.

If any member would prefer not to have their address on the list, please let me know. If you have an e-mail forwarding agreement with the A.R.R.L., I can use that address instead of your personal one.

My home phone is 562/861-6069 and e-mail at wb6zgf@verizon.net.

Dave Buhler, WB6ZGF
VP - 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

When and where we meet:

We meet at 7:30 PM in room 120 of the **First Baptist Church** in Downey. The church is between 2nd and 3rd streets, near City Hall, address is 8348 E. 3rd St. Use 2nd St, east from Downey Ave (1 block north of Firestone Bl), adjacent to City Hall. Entrance via double glass doors on the north side of 2nd St.

D.A.R.C. General Meeting Minutes – July 5, 2007

Dave Buhler WB6ZGF, VP Service, in the absence of our president, called the meeting to order at 7:33 PM with 23 persons in attendance, and welcomed everyone. He then led the Pledge of Allegiance.

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

Next the meeting was turned over to Arlene Schwartz, KE6GFI, in the absence of Dick Palmer, WB6JDH, VP Programs. Arlene then began our Summer Social by opening up the podium to any member who would like to share a project or experience. The first to come forward was John Powell, KF6EOJ, our Q5 editor. John had previously won a solar panel at a club meeting, and decided he wanted to put it to use. He had done some research and found what he needed to make a regulator so that the panel could be used as a trickle charger. John brought both the solar panel and charger to share with our group.

The next person to come forward was Tom VanBuskirk, K6TV, our W6TOI Trustee. Tom is always on the search for more wallpaper for his ham shack, so he decided to see if he had already made enough contacts to qualify for the CQ DX Field Award. The award is based on the VHF "grid locators" around the world, which has 324 Grid Fields of which many do not contain some sort of land. The award is issued in four categories- Mixed, CW, SSB, and Digital for two-way contacts with 50 or more Grid Fields. Tom has determined that he does qualify for the award, his QSL cards have been verified, and he is awaiting his award.

Next was Larry Tinkler, K6LXT, our club Raffle Chairman. Larry has a large collection of "Vintage" radios and is always on the look out for something unusual. At one of the many swap meets that he attends, he found a 1961, Drake 2B receiver in its original shipping container. At our club meeting Larry removed the 2B from its double-boxed container for everyone to view, and he said that this was only the third time it has been out of the box. The unit appeared to be exactly as it was when placed in its container over 45 years ago, with the AC cord still coiled, and in perfect cosmetic condition.

Finally Rick Norwood, KD6KHJ, came up and spoke about his recent Disaster Communications Service (DCS) experience with the recent Catalina Island fire. DCS is a volunteer organization that administered by the Los Angeles Sheriff's Department (LASD) and provides emergency communications to the Emergency Operations Center (EOC), located in LA. A repair crew, while welding a tower, started the fire on Catalina. The fire spread rapidly and burned several structures in addi-

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do not require power it makes it really nice for portable and QRP operations.

In this photo you can see my latest Rascal hooked up from my laptop and ICOM 7000 running free Digipan software for PSK 31. My first contact using this interface

was with Victor, RU0LX/mm onboard ship in the Bering Sea.

I should mention that Buxcomm also sells these interfaces tested and built for around \$50 and with a USB adapter for an additional \$20.00.

This makes for a quick one evening project and opens up the whole new world of digital communication.

73, **Dave Glenn**, N6TEB



Projects Anyone?

Dave's submission gave me an idea that we could feature member's projects on an ongoing basis. I too built a Rascal interface for my Yaesu FT-817 and have made a few, but interesting contacts on PSK-31, QRP.

So, if you have a project you would like to feature, send the editor (that would be me) a few photos and a few paragraphs describing the project, where you got the parts, what it does, any problems, etc..

Thanks.

73, **John Powell**, KF6EOJ, Editor, Q5

1 Hour or Less Projects - Radio to Computer Interface

I have been playing with digital modes for several years now as they offer me a chance to mix my Radio hobby with Computers. The simplest way to get on the air with digital modes is a radio to sound card interface. Then you can use computer software to try various modes like PSK31, Slow Scan TV, RTTY and even CW. Using a sound card interface eliminates the need for a TNC and its associated cost.



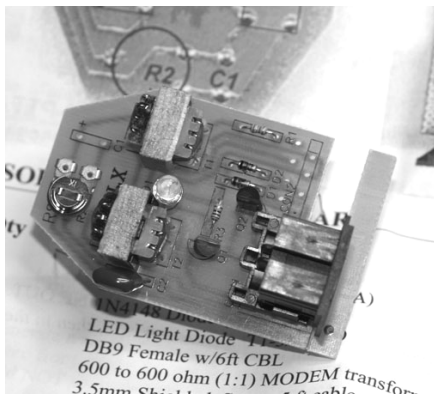
Although I have bought and built many interfaces in the past, currently I have been very pleased with the Rascal GLK Kit available from BUX Ham Radio Sales:

<http://www.buxhamradiostore.com/>

The basic kit cost is under \$40 and comes complete with a professional printed circuit board, enclosure and all the cables to hook up to your computer and radio. The instructions are clear and easy to understand and they even

include a CD with lots of free software included.

In the first photo you can see the PC board with parts loaded ready to solder. Next step is to attach the cables. They provide you with a serial cable that you can cut off the end and affix it to the board along with a pair of audio cables for the sound card in and out. The serial connection is used to activate the push to talk on your radio from the software.



Next to the soldered-on cables is a 5 pin DIN plug. When ordering you specify which radio you want to work with and they provide a cable with the 5 pin DIN on one side and what ever your radio needs on the other. The simplicity of this approach allows you to use the interface with different radios by building or buying additional cables. This eliminates the need to go inside a box and move jumpers for different radios. I have currently have 3 cables, one mini 8 pin for a Yeasu FT 817, a 13 pin DIN for a Icom IC7000 or 706 and an 8 pin for a 756 Pro. Since the interfaces

tion to power and communication lines. The City of Avalon had no commercial power or communications with the mainland, so the local DCS was activated and sent to Catalina. Rick talked about the DCS activation, the voyage to the island and the various problems that he and others in his group had to deal with to provide the necessary link to EOC. After the link was established and working, Rick returned to the mainland, but in short order was again returned to Catalina to continue where he left off. The second tour he was awake for over 36 hours before he returned. Rick's presentation was very detailed and he was found to be a great storyteller.

The meeting was adjourned for a short break. After the break, Dave 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, K6LXT then conducted the raffle. The first winner was Ron Eveland, W6QM, a MaxLife LED Flash Light. Other winners were Ken Carlson, N6SWO, a drill and driver set, Ivan Mikulich, KB6ATT, a 13 pc screwdriver set, Frank Myers, N6ATU, a packet of solder aids, Ray Olesen, AD6AF, a tape measure, Frank Myllo, KC6YPV, a tool cart, and a storage box, and Rick Norwood, KD6KHJ, a foot switch. A special 6-month drawing where all prior tickets sold for the year was placed in the hopper. The winner was Bill Heather KB6WKT, a KLH stereo receiver.

A short discussion followed concerning the upcoming "Silent Key" sales. The word is out, and emails have been sent.

Dave wished everyone good evening and the meeting was adjourned at 9:12 PM.

Respectfully Submitted,
Ron Eveland, W6QM, Secretary

Minutes of the D.A.R.C. Board of Directors Meeting – July 10, 2007

Sam Lollar, K1SL, President, called the meeting to order at 7:40 PM 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; Arlene Schwartz, KE6GFI, VP Membership; Dave Buhler, WB6ZGF, Ron Eveland, W6QM, Secretary; Frank Hornberger, N6ZDS, Treasurer; Buck Kerns, AE6DT, Director, Two Years, and Tom Van Buskirk, K6TV, Director, One Year.

Board Members Absent: VP Service; Paul Metzger, K6EH, VP Ways & Means;

Officers Reports:

1st VP: Ed deferred to Dick, and mentioned that he had suggested some speakers for our future club meetings.

VP Programs: Dick first thanked Arlene for filling in for him at the July DARC meeting. Dick reported that he had lined up a speaker for our August meeting, Martin La Rocque, N6NTH, who will do a presentation on Amateur Television, or ATV.

VP Membership: Arlene asked when our club Annual Banquet would be held. After review it was decided that the date would be November 11, 2007, and it would again be held at the Rio Hondo Events Center located in Downey. Dick, WB6JDH will follow up and make the reservations.

VP Service: Dave had nothing to report.

VP Way & Means: Absent

Secretary: Ron had nothing to report. .

Treasurer: Frank distributed copies of the Treasurers Report.

Director: Absent.

Director, One Year: Tom reported that the World Radio web site has been corrected and has our current meeting address.

The minutes of the June Board meeting and the Treasurers, report with one correction, were approved.

WELCOME TO THE NEW W7RF REPEATER

Hello all, Paul Metzger here (K6EH). I have had the pleasure of restoring the W7RF Hollywood Hills Repeater to it's previous glory, and then some. You are all welcome to use it as you wish (since it is an open repeater). It's coverage area includes Los Angeles, Orange County, and even parts of the San Fernando Valley. Currently, it does not have battery back-up power, but it will soon (within the next week or two). It is the very next repeater above the DARC frequency, and it's information is 445.660- pl 146.2. Have fun and enjoy the hobby!

Paul Metzger, K6EH

REMINDER: ARRL MEMBERSHIP RENEWAL

When members of DARC receive their annual renewal notice from the ARRL, please consider bringing the paperwork to the next meeting and paying for your membership through the club. The DARC as a Special Service Club is entitled to receive a commission from the ARRL when processing either renewals or new membership applications. Renewals and memberships will be processed by the club's treasurer, Frank Hornberger, N6ZDS. Questions about the program can be directed to Arlene Schwartz, KE6GFI, Vice-president, Membership.

ARRL SW CONVENTION HAMCON – TORRANCE, CA , September 8, 9, & 10.

Pre-registration ends on August 1, 2007. Registration and program information can be found on the website at www.hamcon.org. Sam Lollar, K1SL, has served on the organizing committee, in the capacity of planning the program forums. Two of our members Tom Van Buskirk, K6TV and John Kountz, KE6GFF will be giving talks at the convention.

JARL bureau.

OGASAWARA ISLANDS, JD1. Japan's Geographical Survey Institute has renamed the island of Iwo Jima to Iwo To, the original name given by the local inhabitants. Jima and To both mean island in Japanese. Iwo To is one of the three Volcano Islands.

SOUTH PACIFIC, W7KFI/MM. Susan Meckleyon is a 70-year-old grandmother on a long voyage around the Pacific. She plans to be active on 80-10M SSB and CW, typically 36 kHz above the band edge. Check <http://ussvdharma.net> and <http://www.qrz.com/callsign/W7KFI>. Each have info including audio of an interview with her. Her itinerary includes: FO, Australs, Marquesas, Tahiti; ZK1 North Cook; KH8 American Samoa; 5V Western Samoa; ZK3 Tokelau; FW, Wallis and Fortuna; 3D2 Rotuma, VK9M Mellish Reef; H40 Temotu; VK9Z Willis Island; P29 Papua New Guinea; 9M8 Borneo; V8 Brunei; VU4 Andaman Islands; HS Thailand; H4 Solomon Islands; T30 Kiribati; YJ Vanuatu; FK New Caledonia; T2 Tuvalu; 9M2 Indonesia; V6 Marshall Islands; and the North Gilbert Islands. She will stop on other islands, additional "IOTA counters" within these island groups, as well. You can track the USSV Dharma by putting the W7KFI callsign in at <http://www.shiptrak.org>.

DX information provided by: ARRL, NC1L, and 425 DX News, Thanks to all.

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
N6WZI 198 Phone on 10 Meters
K6TV 200 SSB, 102 QRP, 93 CW
WA6OUD 129 Phone on 10 Meters
W6TOI 132 Mixed
K6EH 57 on 30 Meters CW

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

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

Planning Calendar:

July 21 & 22, 07-Hawaiian Days,
September 7,8, & 9 07- Hamcon.
September 15, 07 - Yard Sale.
December 2, 07 - Holiday Lane Parade,

Old Business:

Aux Repeater & Club Repeater: General consensus is that the Club Repeater is working much better. Frank, N6ZDS, has still not received any receipts from Glenn Allen to reimburse him for repeater expenses.

Silent Key Committee: Dave, WB6ZGF, reported that he has sent out information to other local area clubs concerning the estate sale. The complete inventory and starting prices are also posted on the DARC website, www.downeyarc.org/. Go to Links then News & Information followed by Silent Key Auction Sales. This will be a silent auction, and all bids at the minimum value or above must be received at the DARC PO Box no later than July 28. Any bids received after the cut off date will be discarded without consideration. All items are "pick up only", in Downey, CA, no packing and shipping, or local deliveries will be made.

LA Hamcon: Sam, K1SL, requested club support to help with set up, introduce speakers etc. Sam asked all board members to help at Hamcon during the event, and also to help provide any needed equipment.

Club Merchandise: Paul, K6EH, was absent

New Business:

Equipment Donation. Sam, K1SL, received a call from Dennis Weaver stating that his father, James Weaver, KB6YEM, who was a former member of the DARC, had passed away. Dennis is not a ham, and knew very little about his father's equipment, but he did want to donate it to our club so that others might enjoy it. Sam agreed to contact and meet with Dennis and follow up on this donation.

General Comments:

Arlene, KE6GFI asked Frank, N6ZDS, to send our Q5 Editor copies of the club roster so that it can be included in our August Q5 edition. Arlene stated that it is common practice for the board to approve all new members in many clubs, and asked that our club consider doing this.

Treasurer's Report—Expenditures

2006 - 2007 EXPENDITURES	Jun 07 ACTUAL	YTD ACTUAL	ANNUAL BUDGET	(OVER)/ UNDER BUDGET
Attendance Prizes		\$0.00	\$100.00	\$100.00
Repeater Phone Line	\$36.83	\$146.05	\$225.00	\$78.95
Club Merchandise		\$0.00	\$200.00	\$200.00
Club Bulletin				
Printing	\$77.94	\$545.58	\$1,000.00	\$454.42
Supplies		\$17.27	\$30.00	\$12.73
Postage	\$25.00	\$251.20	\$400.00	\$148.80
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		\$20.00	\$100.00	\$80.00
Officers' Expenses				
Board Members		\$0.00	\$50.00	\$50.00
Treasurer	\$16.01	\$43.04	\$50.00	\$6.96
Other Organizations				
Dues		\$10.00	\$20.00	\$10.00
P.O. Box Rental	\$34.00	\$84.00	\$80.00	(\$4.00)
Refreshments, Meetings		\$28.24	\$200.00	\$171.76
World Radio Listing	\$65.00	\$65.00	\$65.00	\$0.00
Total Expenditures	\$254.78	\$1,240.96	\$3,420.00	\$2,179.04

DX NOTES by Mike Gauthier, K6ICS

August Propagation Outlook

The sunspot cycle and DX propagation has hit bottom at last. The U.S. Department of Commerce, NOAA, Space Environment Center (SEC) latest prediction on the cycle minimum is that we hit bottom July 2007. These updates are made monthly and for the forth month in a row they report minimum sunspot activity. The complete chart can be seen at <http://www.sec.noaa.gov/ftpdir/weekly/Predict.txt>

Once we get past the mid summer background noise we should start seeing slight improvements in DX. The best openings will remain on 20-40 meters at night.

Six meters has been hot at times with sporadic openings.

August DX

AZORES, CU2. Pedro, EA1FCH plans to be QRV as CU2/EA1FCH from Sao Miguel, IOTA EU-003, from June 27 to August 5. Activity will be on the low bands, including CW and digital modes on 30, 17 and 12 meters. QSL to home call.

BARBADOS, 8P6. 8P6DR will be on the air from Barbados September 28-October 13.

CROATIA, 9A07. 9A07P is a special event station from Croatia through the end of the year to celebrate the city of Djurdjevac. It will be on all bands and modes and will have a special QSL card with the whole story of the city. Work them and you'll get a card via the bureau.

HONG KONG, VR10. On the occasion of the 10th anniversary of Hong Kong's reunification with China, the Administration of Hong Kong (Special Administrative Region of China) authorizes amateur stations to use the special call sign prefix VR10 in replacement of VR2 from 1 July 2007 to 30 June 2008.

MICRONESIA, V60. A Japanese group will be going to V60, the Federated States of Micronesia (FSM), IOTA OC-010, July 30-August 5. This will be to celebrate the 60th anniversary of the Japan Amateur Radio League Kyoto Club. The operators have been assigned the special V60 callsigns to mark their club's 60 years. V60YAQ will be the club station. Other special call are: V6ODU is JI6DUE, V60IL is JF3PLF, V60KL is JN3JBC, V60TI is JA3UWB, and V60TX is JH3TXR. JA3ART will also be operating, but with his previously issued call V63JJ. QSL all via the

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After discussion the request was dismissed. Sam, K1SL asked that Dick, WB6JDH, include the DARC Membership Application on our club website, and also create a "Hot Link" to the Hamcon website application.

The meeting was adjourned at 8:17 PM.

Respectfully submitted,
Ron Eveland, W6QM,
Secretary

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

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,



Treasurer's Report—Income

2006 - 2007 INCOME	Jun 07 ACTUAL	YTD ACTUAL	ANNUAL BUDGET	(OVER)/UNDER BUDGET
Club Merchandise		\$0.00	\$200.00	\$200.00
Dues	\$200.00	\$795.00	\$1,335.00	\$540.00
Raffle				
Misc.Income		\$150.00	\$885.00	\$735.00
Fund Raisers		\$0.00	\$1,000.00	\$1,000.00
Total Income	\$200.00	\$945.00	\$3,420.00	\$2,475.00

Treasurer's Report—Summary

Jun-07

SUMMARY

CHECKING-WA MUTUAL
BALANCE AS OF May 31, 2007 \$2,804.61

INCOME	\$200.00
EXPENDITURES	\$254.78
Raffle (Month)	\$0.00
Raffle (Total Holdings)	\$352.38
Brunch (Month)	\$0.00
Brunch (Total Holdings)	\$35.22

CHECKING-WA MUTUAL
BALANCE AS OF Jun 30, 2007 \$2,749.83

August Birthdays

Larry Cude, KE6EOL, Aug 2nd
Sam Lollar, K1SL, 3rd
Dell Jorgensen, NG6F, Aug 12th
Judy Johnson, KE6IYI, 21st
Ivan Mikulich, KB6ATT, 25th
Arlene Schwartz, KE6GFI, 27th

Happy Birthday To All!

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29 August 2007	30	31 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz Control:	1	2 DARC Meeting 7:30 PM at the First Baptist Church in Downey	3	4 DARC Breakfast, 6:30 AM (see pg 19)
5	6	7 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz Control:	8	9 2-meter net 7:15 pm Club simplex 145.595 Control:	10	11 DARC Breakfast, 6:30 AM (see pg 19)
12	13	14 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz Control:	15	16 2-meter net 7:15 pm Club simplex 145.595 Control:	17	18 DARC Breakfast, 6:30 AM (see pg 19) CHHS Swap meet (see pg 3)
19	20	21 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz Control:	22	23 2-meter net 7:15 pm Club simplex 145.595 Control:	24	25 DARC Breakfast, 6:30 AM (see pg 19)
26	27	28 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz Control:	29	30 2-meter net 7:15 pm Club simplex 145.595 Control:	31	1 DARC Breakfast, 6:30 AM (see pg 19) W6TRW Swap meet (see pg 3)