

Q5

By and for the Downey Amateur Radio Club, Inc.



Volume XXII Number 3

Our 52nd Year

March 2003

The Internet and Amateur Radio

As it's name implies, the Internet Radio Linking Project makes use of the Internet as a communications backbone to facilitate Amateur Radio communications. By enabling our repeater with this technology, we can provide instant on-demand linking with one or more repeaters worldwide. The Internet Radio Linking Project (IRLP) allows amateurs to link radio systems separated by long distance without the use of expensive leased lines, satellites, or controllers.



While **Randy Hammock**, KC6HUR, has been a Tech+ since 1990, his ham radio days started back in 1971 where he received the Novice call of WN4IVV, but lost it after not upgrading during the required year. What brought him into ham radio in the beginning was reading 73 Magazine. After seeing an ad for assorted RF module kits, Randy bought an RF amplifier, a crystal oscillator and a mixer, assembled them

(Continued on page 3)

The Walk consists of two routes, a one-mile and a three-mile, centered on Stonewood Mall at Firestone Blvd. and Lakewood Blvd. in Downey. We will need operators as "shadows" for officials and as stationary operators at various sites along the routes to watch the walkers, many of whom are ARC clients and may be vulnerable to hazards along the way. Since this is a short-range event, 2-meter simplex operation has proved effective in the past so a 2-meter HT with spare batteries and a headset or speaker/mike will be the necessary equipment to bring along.

A sign up sheet for this event will be provided at the March meeting or contact **Dave Buhler**, WB6ZGF, at 562/861-6069 or e-mail at wb6zgf@catistle.net.

DARC to Support ARC Walk

One of the most gratifying public service events the DARC supports is the ARC Walk for Independence, which is a fundraising event for ARC of Southeast Los Angeles County. ARC (formerly known as the Association for Retarded Citizens) works with those who have mental retardation or other developmental disabilities and brings them to their highest functional level, some even to independent living. Only about 40 % of ARC's funding is from grants and government programs, many of which are being cut back, and ARC has to make up the difference so it can continue to do its important work in our communities.

The Downey Amateur Radio Club has supported this event, providing logistical and safety communications, since the first walk seven years ago. This year the Walk will be on Saturday, March 29. It begins at approximately 8:00 AM, and ends at approximately 10:00 AM and complementary breakfast burritos and drinks will be served, courtesy of Alcapulco Restaurant.

(Continued next column)

March Meeting

The March meeting of the DARC will be held in the Cafetorium at Sussman Middle School, 12500 Birchdale Ave., in Downey, beginning at 7:30 PM, Thursday, **March 6, 2003**

April Meeting

Our guest speaker at the April meeting will be **Ray Jurgens**, KQ6RH, who will be speaking on the subject of light weight antennas. Mark your Calendars.

ON OTHER PAGES

About the DARC.....	2
March Birthdays.....	2
President's Message.....	3
Article — Hunting the Monster.....	4
Article — Tour De Sewer.....	4
Solar Panel AUCTION.....	4
Minutes, Board of Directors.....	5
Minutes, General Meeting.....	6
Geocaching.....	6
Membership forms needed.....	6
Treasurer's Report.....	7
Looking for an Elmer?.....	7
Amateur Radio in Space.....	7
DX Notes.....	8
March Calendar.....	9

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

Club Officers

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k6tv@compuserve.com

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:

Apr 19 Jun 21
Aug 16 Oct 18 Dec 20

The ARRL/VEC test fee is \$12.00 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 **Steve Grudzinski**, AD6HT, at (626) 336-3974, or AD6HT@arrl.net prior to the test. This contact is appreciated but not mandatory. After the test secession 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.

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	8.00	On Order
Jackets	Yes	25.00	On Order
T-shirts	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

**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".

March 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.

WB6ZGF	Dave Buhler	5
N6SWO	Kenneth Carlson	7
ASC	Irma Varney	25
K6FOO	Karen Mason	29



Check out the Downey Amateur Radio Club **World Wide Web** site. It has more than just the articles from this news letter. 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), callsign(s),
Address, and phone number

Q5 Staff

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President's Message

Last month was the beginning of the Project Building SIG. This kickoff meeting was held in the home of **Dave Glenn**, N6TEB. In attendance was Dave himself, (Nope, no cardboard cutout), **Glenn Allen**, KE6HPZ; **Dick Palmer**, WB6JDH; **Chuck Anna**, KE6TBC, and myself. After checking out some CW decoding software, the group decided that the first project would be a sound card interface. For those interested in this project, it's not too late to get involved.

Have you heard that Field Day has a new entry class for 2003? The new "F" Station Class has been established this year to encourage groups to test and further their working relationships with established emergency operations centers. A Class "F" entry station must set up at an "established EOC" activated by a club or non-club group. We all know there is a need for emergency communication.

According to the ARRL, amateurs in the Eastern US this week plied their craft after heavy snow in some regions, and icy conditions and flooding in others. One ARES officer commented that "The activation gave us a chance to test our capabilities and explore both our strengths and weaknesses in terms of emergency communications." It really makes me think about us here in California. No, I don't expect a heavy snowstorm to disrupt our phones and power, but we are known for the occasional earthquake, and I think we, as hams, need to test our capabilities, and find our strengths and weaknesses as well.

One last note—Every month we try to provide guest speakers in an effort to keep our knowledge growing, and to provide entertainment. These speakers take the time to prepare their topics, some even drive a distance to attend our meeting. I ask that during their presentation, we be courteous to both the speaker, as well as to those sitting around us by not talking. If the subject is something you already know about, or are not really interested in, we have made arrangements to access the seating area just outside the meeting room.

73,
Steve, AD6HT



(Continued from page 1)

The Internet and Amateur Radio

and had himself a 2 Meter to FM Broadcast Band downconverter.

Tuning around, Randy heard a couple of guys talking, one of whom was named Paul, who Randy thought he remembered. He played a hunch and called Paul on the phone remembering that one of the girls in his 6th grade class had a dad who was a ham. Paul was totally surprised that he had heard him and had been able to ferret out the correct person on the first try and amazed at the rig he had used to hear them.

Paul drove Randy over to see John, who a month later took and passed the Novice test, given by John. Would you believe, when Randy got his license back in 1990, John was the one to give him the test again! Randy traveled back home to Virginia for Thanksgiving, and studied the code for one week. The night before he returned to Los Angeles, John gave him the code and written test for the Novice which he passed handily. Randy upgraded shortly after that to Technician which is where he has been quite happy to stay. Incentive licensing only works if there is incentive and Randy says "I have about zero interest in HF".

Randy likes to think of himself as "a jack of all trades, master of the universe". He keeps busy with work, ham radio, computers and his horse. He has enjoyed bicycle riding (street and mountain), scuba diving (NAUI certified), sky diving, photography, hi-fi stereo, camping, flying, sports cars and more. He has held various jobs from broadcast engineer and chief cook to bottle washer in the cable local origination studio while he was attending high school. After working a few years in Newport News, VA, Randy came West to work at the Jet Propulsion Laboratory where he has worked as a programmer cum software engineer since 1983 (except for the year and a half he was in Maryland working at the Goddard Space Flight Center).

Visit Randy's personal home page at <http://kc6hur.net/~rhammock/>

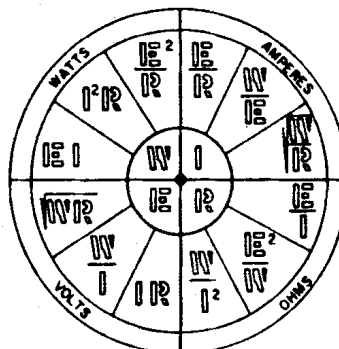
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OHMS LAW

Tour de Sewer March 15

The Tour De Sewer is one of our Clubs major public service efforts and your officers and I encourage you to participate. We need your help. Not all radio locations will be active all day, so if you can only participate in the morning or the afternoon hours, we'll find a place for you.



If you've never participated in any public service events, there is no better chance to get started that right here. We'll pair you up with a veteran communicator.

Because the ride encompasses a rather large geographical large area, radio communications for safety's sake from any one point along the route back to the start point at Ford Park is imperative.

Look at your calendar; check the date and time of the ride, make the time and contact **Larry Vaughn**, KD6NZW, to sign up.

AUCTION

The DARC will be auctioning another two 12 WATT solar panels, to be offered in two separate auctions. There is no warranty on the panel as they are without a frame and connection box. Instructions will be given to the winners on how to use them, if requested.



Chargers can be found in the ARRL handbook.

The specifications for the panel are: 12 watts; maximum voltage open connection is 21.3 volts; maximum short circuit current (ISC) is 0.75 amps; full load voltage is 17.1v at 0.70 amps. This specification is at optimum sunlight.

These panels are excellent for keeping your batteries charged.

Buck, AE6DT

Hunting the Monster — Part Two —

The "Monster" was living at a hog farm approximately 1-½ miles away from my QTH. I was also in luck as the gentleman who farmed here was out in front of his house (I found out later that he was awaiting the arrival of the pizza delivery-man).

After some polite dialogue explaining the RFI problem that I was having and allowing the farmer to listen to the repeated guzhhs on the portable, I asked if he had electric fences. Oh yeah, but so did his neighbors...

Again, being polite, I asked if he would mind turning off his fence for a minute as a test. "Sure, no problem." As we walked towards the electric fence controller I could see the monitoring lights in perfect time with the RFI, however when he unplugged the fence the RFI remained. Ah, so close, but no cigar! Now discouraged I was about to take my leave when I happened to ask if he had more than one fence. Guess what, he did and as we started towards another fence line in the back of his property the RFI went off scale. Sure enough, as soon as he unplugged the second fence the "Monster" completely disappeared!

With a smile across my face I passed the headphones back to the farmer so that he could hear the absence of the RFI. As he listened he admitted that he knew that he had a ground problem on this fence as it was causing bad interference to his TV as well and he wasn't sure when he could fix it. At this point I was happy as a clam in just finding the source of the RFI so with my thinking geared towards a "one-bridge-at-a-time" approach, I shook hands, bid him goodbye and offered to assist in the resolution if he couldn't cure it.

No sooner than I was down the street the "Monster" came back to life. The farmer had powered the fence back up!

This story has a good ending as the following day the "Monster" was gone and hasn't returned. Being polite worked and with the "Monster" dead, good listening has returned to my shack. While the "Monster" did give me a great deal of "gas" while it was charging through my headphones it also turned out as a good learning experience. I turned to fellow Amateur Radio Operators and received experience and help that I needed and in the process learned valuable lessons about RFI and hog farmers.

In closing, thanks to all.

Randall Shreve, KD7PCW

Do you have an idea for an article for the Q5? Remember, 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



DARC Board of Directors Meeting, February 11, 2003

Steve Grudzinski, AD6HT, President, called the meeting to order at 7:47 PM at Downey Fire Station #1. Other Board members present were, **Dave Glenn**, N6TEB, 1st Vice President; **Dave Buhler**, WB6ZGF, VP-Service; **Ann Wright**, KF6UEA, VP-Membership; **Buck Kerns**, AE6DT, Director-Two Years and **Bill Heather**, KB6WKT, Secretary. Absent were **Ginny Grudzinski**, AJ6CW, VP- Programs; **Ray Fas**, KD6GRM, VP-Ways & Means; **Tom VanBuskirk**, K6TV, Director-One Year and **Jon Olesen**, KD6HXP, Treasurer.



Officers Reports:

Steve, AD6HT, reported that the General meeting went well. He said that he had several positive comments regarding the subject for the evening, Slow Scan TV.

Dave, N6TEB, provided the mailing labels of Hams in the City of Downey that are not DARC members. These labels will be utilized by the publishing committee of the Q5 to send a complementary Q5 to attract new members. Dave also reported that the first Special Interest Group meeting got together on Saturday, February 8th. Five members attended the first SIG and the first project will be an interface from computers to radios.

Ann, KF6UEA, reported that a new member joined at February's General meeting.

Dave, WB6ZGF, reported that **Larry Vaughn**, KD6NZW, will head up the effort for the Tour de Sewer to be held on March 15th. and also that he already has nine Club members signed up for the ARC walk.

Planning Calendar:

Steve, AD6HT, announced that the March General Meeting speaker will be **Randy Hammock**, KC6HUR. Who will be speaking about the Internet Radio Linking Project.

Buck, AE6DT, reported that the supplies are ready for the License class but had no report of how many have signed up.

Old Business:

Field Day – Steve, AD6HT, reported that two sign up sheets were put out at the General meeting. Only one person signed up, and he did not realize that they were signing up as a station manager, so the name was withdrawn. Dave, N6TEB, reported that the last couple of years there were very few people involved. Also there is a new F class station for Field Day which would operate at an EOC. Buck, AE6DT, commented that the spirit of Field Day is to practice emergency communications. He suggested that the operation take more of an ad hoc approach.

Letter of invitation – Ann, KF6UEA, provided a draft letter inviting interested parties to join DARC to the Board for review. Dave, WB6ZGF, reviewed the letter and provided comments.

Club Emergency Plan – The committee was unable to get together during the month to start the review of the Emergency Plan. Buck, AE6DT, will provide a copy of the current Emergency Plan to the committee members.

Steve, AD6HT reported he had contacted **Wes Printz**, W3SE, and confirmed that he will definitely be leaving. A few members have been contacted and asked if they wish to take over the duties of VEC.

New Business:

ARRL Affiliation – Bill, KB6WKT, reported that the Club is currently not listed as an Affiliated club. Bill will update the annual application with the ARRL.

LA Marathon – Ann, KF6UEA, reported that the coordinator for the L.A. Marathon is looking for volunteer operators. The information will be given to Ray Olesen, AD6AF, to get the information out on the Club nets.

Surplus Fire Department Radios – Dave, WB6ZGF, reported that the Downey Fire Department has donated to the Club several used radios that have been taken out of service. Buck, AE6DT, commented that we should look into the feasibility

(Continued on page 7)

DARC General Meeting Minutes for February 6, 2003

Steve Grudzinski, AD6HT, President, called the meeting to order at 7:32 PM with 40 persons in attendance. He then led the Pledge of Allegiance. Steve asked that, as the attendance roster is passed around, that members should mark their presence with an "A" to signify members of the A.R.R.L. This will assist the Board with assuring continued affiliation with the League. He then introduced our speaker for the evening, **Paul Avery**, KK6BY, who discussed slow scan television or SSTV.

Paul explained the difference between SSTV and ATV and noted that SSTV is generally found on the HF bands. He described SSTV's early years of surplus radar display tubes to today's sophisticated gear with computer-based systems, stressing that both the transmitting and receiving stations must be in synchronization. He discussed the various modes of transmission, demonstrating the sound of the signal, as well as describing various interfaces that can be constructed or purchased and how the average ham can get started in this aspect of amateur radio. A short question and answer period followed.

Three guests were introduced: **Lloyd Robinson**, KG6AYQ; **John Schroeder**, N6QQ, and **Jim Bridge**, K7LA.

Dave Buhler, WB6ZGF, VP – Service announced two public service events in March, the Tour de Sewer bicycle ride on March 15 and the ARC Walk for Independence on March 29. He described the ARC Walk and how important it is to that organization. **Larry Vaughn**, KD6NZW, who is in charge of the Tour de Sewer described that event as one of the largest, in terms of operators, that the Club does. He asked for volunteers to sign up for these activities which we have supported for many years.

Larry, as the Club's Hamcon chair, brought the members up to date on the upcoming Hamcon to be held in Long Beach in September. He went over the scheduled speakers and related events.

A break period was called at 8:45 PM.

The meeting resumed at 8:57 PM with Steve reminding the group that Field Day is only three months away and we still need a Chair and Station Managers and urging anyone who would like to serve the Club in one of these capacities to sign up tonight. If there are no volunteers, it may be necessary to cancel our participation in this year's Field Day. He announced that the phone portion of the ARRL International Contest will be on March 1 and 2, and the CW portion on March 8 and 9.

The Treasurer's Report as it appeared in the December 2002, issue of the Q5 was approved. The minutes of the

January General Meeting as they appeared in the February 2003, Q5 were approved.

Steve announced that an auction of two solar panels, donated by **Buck Kerns**, AE6DT, is to be held. He had Buck describe the panels and their capacities. The panels were auctioned and **Ann Wright**, KF6UEA, and **Glenn Allen**, KE6HPZ, were the top bidders at \$45.00 apiece. Two more panels will be auctioned at the next General Meeting.

Steve mentioned the Project Building Special Interest Group (SIG) will meet on Saturday, February 8th at 9:00 AM at the home of **Dave Glenn**, N6TEB.

The attendance drawing was held and **Ed Roos**, KC6ZHY, was present and collected \$10.00

The raffle was conducted by **Dick Palmer**, WB6JDH, with the following winners: **Ed Roos**, KC6ZHY, Black and Decker three speed rotary tool; **Jim Weaver**, KB6YEM, Kidde fire extinguisher and smoke alarm; **Ray Olesen**, AD6AF, Weller dual heat soldering gun; **Larry Cude**, KE6EOL, eight-pack of Eveready "AA" batteries and **John Powell**, KF6EOL, 2003 western states repeater guide.

Meeting was adjourned at 9:13 PM.

Respectfully submitted,
Dave Buhler, WB6ZGF,
Substitute Secretary

Geocaching

What is Geocaching? Simply, Geocaching is an entertaining adventure game for GPS users. Participating in a cache hunt is a good way to take advantage of the wonderful features and capability of a GPS unit. The basic idea is to have individuals and organizations set up caches all over the world and share the locations of these caches on the internet. GPS users can then use the location coordinates to find the caches. Once found, a cache may provide the visitor with a wide variety of rewards. All the visitor is asked to do is if they get something they should try to leave something for the cache. To learn more about this fun way to spend some extra time, visit www.geocaching.com

Membership Update Forms Needed!

In the January issue of the Q5, membership update forms were sent out. As of this issue, we have received only about 20% of them back. This update will insure that our membership information is current and still reflects the interests of each member. The information will be used to verify our membership database and plan for future events. Please return them as soon as possible.

Jon Olesen, KD6HXP

Treasurer's Report January 2003

SUMMARY

Bank Balance as of 12/31/2002	\$1,819.89
Income	\$359.00
Expenditures	\$234.44

Bank Balance as of 1/31/2003	\$1,944.45
Raffle Holding Fund	\$158.12

INCOME	This Month	Year to Date	Annual Budget	(Over) Under Budget
Club Merchandise	70.00	70.00	205.00	130.00
DARC Dues	140.00	140.00	2100.00	1960.00
Raffle	144.00	144.00	1000.00	856.00
Luncheon Reserv.	0.00	0.00	0.00	0.00
Misc Income	5.00	5.00	1,500.00	1,495.00
Fund Raisers	0.00	0.00	1000.00	1000.00
Totals	\$359.00	\$359.00	\$5,800.00	\$5,441.00

EXPENDITURES

	This Month	Year to Date	Annual Budget	(Over) Under Budget
Attend. Prizes		0.00	55.00	55.00
Autopatch, Rptr.		0.00	240.00	240.00
Club Merchandise		0.00	400.00	400.00
Club Bulletin				
Printing	113.72	113.72	1,600.00	1486.28
Supplies		0.00	20.00	20.00
Postage	37.00	37.00	665.00	628.00
Committees				
Awards		0.00	75.00	75.00
Education		0.00	30.00	30.00
Membership		0.00	50.00	50.00
Pub & Pub Rel		0.00	25.00	25.00
Sunshine		0.00	50.00	50.00
Equip Maint.		0.00	150.00	150.00
Events				
Christmas Party		0.00	25.00	25.00
Field Day		0.00	500.00	500.00
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	0.00	0.00
Officers Expenses				
President		0.00	25.00	25.00
Secretary		0.00	25.00	25.00
Treasurer		0.00	25.00	14.78
Other Organizations				
Dues		0.00	20.00	20.00
Raffle *	83.72	83.72	1000.00	916.28
PO Box		0.00	65.00	65.00
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	\$234.44	\$234.44	\$5,800.00	\$5,565.56

Jon Olesen, KD6HXP
Treasurer

* Raffle included for accounting purpose only, Not DARC Funds.



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, Antenna Construction

SHUTTLE LOSS IMPACTING AMATEUR RADIO IN SPACE

The future of Amateur Radio in space--at least in the near term--could depend on how fast NASA pins down the cause of the February 1 shuttle Columbia disaster and fixes the problem. With the shuttle fleet grounded until it does--and further International Space Station construction on hold as a result--attention is turning to the well-being of the all-ham ISS Expedition 6 crew of Commander **Ken Bowersox**, KD5JBP, **Don Pettit**, KD5MDT, and **Nikolai Budarin**, RV3FB. Three of the Columbia astronauts also were Amateur Radio operators.

NASA said it would not mothball the ISS and leave the spacecraft without a crew. The extended stay could have an unintended but beneficial consequence for Amateur Radio since the temporarily-stranded crew will likely have more time for Amateur Radio operation.

Extracted from the ARRL newsletter

(Board minutes - Continued from page 5)

ity of converting these radios so they can be used by the Club. Dave, N6TEB, suggested that **Glenn Allen**, KE6HPZ, would be well suited to look into this possibility and report back to the Club next month.

Dave, N6TEB, reported that we need to remind the members at the meeting not to have conversations taking place while the speaker is speaking.

The meeting was adjourned at 8:45 PM.
Respectfully submitted.
Bill Heather, KB6WKT

DX NOTES by Mike Gauthier, K6ICS

MARCH's PROPAGATION OUTLOOK

Spring is here...The solar activity is dropping slowly. This is the last chance to DX the 160 and 80 meters before the noise returns. 40 and 30 meters are still good for nighttime DXing. 20-10 meters will improve daytime DX as the days get longer. Listen for unusual conditions a few days before and after the spring equinox.

DX Opportunities

Antigua V26DX. Now-March 07. By W3CF, WX0B, N5CK, N2EA, & KD3TB.

Bangladesh, S21. Now-March 3, S21YV by KX7YT fm Dhaka; 20 15 10m; SSB PSK31 CW; typically 1200 to 1600Z.

CYPRUS, 5B. Now-March 10. Alan, G3PMR is QRV as 5B/G3PMR. QSL to home call.

Ducie Island, VP6. March 08-March 15. By JR2KDN, FO3BM, VP6AZ, VP6DB, & VP6MW fm OC-182; 160-10m; CW SSB RTTY; begin/end dates uncertain.

Guadeloupe, FG. Now-March 12. By F6FXS as FG/F6FXS40-10m; CW. QSL OK via REF Buro or direct.

North Cook Islands, ZK1EAA. March 08-March 15. By HB9EAA fm Penrhyn (OC-082); mainly CW; check 14040 21040 28040 kHz ± QRM; QSL OK via Buro or direct.

Panama, HP. March 03-March 16. By F5PAC as HP/F5PAC fm Isla Grande (NA-202); 14260 19128 21260 28460 kHz ± QRM; SSB; 100w; vert, dipole.

Sint Maarten, PJ6. Now-March 12 By DJ4SO fm Saba (NA-145) as PJ6/DJ4SO; 40-6m (perhaps 160 80m); CW SSB RTTY; QSL OK via Buro, direct.

Sint Maarten, PJ7. Now-March 23 By W8EB as PJ7/W8EB; 160-6m; SSB CW RTTY PSK-31.

Svalbard, JW Now-March 01 By SM0BSO, SM0LQB, & SM1TDE as JW/homecall fm Longyearbyen (EU-026); 160-6m; CW SSB RTTY + other digital modes; QSL OK via Buro or direct.

March DX CONTESTS

ARRL DX SSB Contest Mar 1-2, 2003

Russian DX Contest Mar 15-16, 2003

CQ WPX SSB Contest Mar 29-30, 2003

DARC Members DXCC count:

WA6RTA 327 Phone (AM & SSB)

KB6ATT 305 Mixed, 60 CW

KK6T 297 Mixed, 264 CW, 235 SSB, 137 RTTY, 80 Meters 100

K6ICS 295 Mixed, 288 Phone (AM & SSB), 40 Meters 164 Mixed

KK6K 250 Phone, 200 CW

N6WZI 10 Meters 198 Phone

K6TV 185 SSB, 46 CW, 85 QRP

KE6ARF/Mobile 142 SSB

WA6OUD 10 meters 129 Phone

W6TOI 102 Mixed

W3OB 100 Mixed, 85 20 Meters SSB

KQ6EH 30 Meters 57 CW



I am interested in receiving DX reports for this column, one contact or many. Call me- Days 562-923-1837, evenings 562-923-0131. 24 hour FAX 562-923-3609. Internet e-mail: k6ics@catns.net or my website www.catalina-inter.net/mgauthier

March 2003 Calendar

Sun	Mon	Tue	Wed	Thu	Fri	Sat
Feb 23	Feb 24 7:15 PM Downey DCS Net	Feb 25 7:00 PM 440 Net on 445.640- pl 156.7 AD6AF	Feb 26	Feb 27 7:30 PM 2m Simplex Net on 145.595 MHz AD6AF	Feb 28	1 7:00 AM Club Breakfast ARRL International DX Contest (Phone)
2 ARRL International DX Contest (Phone)	3 7:15 PM Downey DCS Net	4 7:00 PM 440 Net on 445.640- pl 156.7 WB6ZGF	5	6 7:30 PM General Meeting	7	8 7:00 AM Club Breakfast
9	10 7:15 PM Downey DCS Net	11 7:00 PM 440 Net on 445.640- pl 156.7 KE6HPZ 7:30 PM Board Meeting	12	13 7:30 PM 2m Simplex Net on 145.595 MHz WB6ZGF	14 Q5 Deadline! Please Have your articles in on Time	15 7:00 AM Club Breakfast Tour De Sewer Cal Poly Pomona Swap meet
16	17 7:15 PM Downey DCS Net	18 7:00 PM 440 Net on 445.640- pl 156.7 AD6HT	19	20 7:30 PM 2m Simplex Net on 145.595 MHz KD6NZW	21	22 7:00 AM Club Breakfast
23	24 7:15 PM Downey DCS Net	25 7:00 PM 440 Net on 445.640- pl 156.7 AD6AF	26	27 7:30 PM 2m Simplex Net on 145.595 MHz N6TEB	28	29 7:00 AM Club Breakfast ARC Walk 8:00 AM CQ World -Wide WPX Contest
30 CQ World -Wide WPX Contest	31 7:15 PM Downey DCS Net	Apr 1 7:00 PM 440 Net on 445.640- pl 156.7 WB6ZGF	Apr 2	Apr 3 7:30 PM General Meeting	Apr 4	Apr 5 7:00 AM Club Breakfast



I would like to thank some of our dedicated members that help fold, address, staple, and mail out our Club newsletter every month. Left to right is **Clem Patocka**, KB6ACJ; **Joe Francis**, WB6SZK; **Chuck Anna**, KE6TBC; **Art Varney**, WA6OZQ, and **Irma Varney**, ASC.

My only question is... Why does it look like Irma is the only one working here?

FIRST CLASS



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