


Q5

The Downey Amateur  
Radio Club, Inc.  
P.O. Box 207  
Downey, CA 90241-0207

FIRST CLASS




Mon. - Fri. 9:00 AM to 6:00 PM  
Sat. 9:00 AM to 5:00 PM


Tel: (714) 521-8080  
Fax: (714) 521-8920

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



Volume XXVI #7

Our 56th Year July 2007

**July Meeting: Annual Summer Social & Show and Tell**

On Thursday, July 5, the Downey Amateur Radio Club will host its annual summer social and show and tell meeting. The meeting will begin at 7:30 pm in room 120 of the First Baptist Church in Downey. The entrance to this room is on north side of 2<sup>nd</sup> Street.

Come to this meeting to enjoy good fellowship and share a recent story about a new contact, new QSL card, new equipment, new tower, new antenna or a new radio. Consider sharing some recent ham adventures a SEAPAC or Dayton. Give us a report about Baker to Vegas or deployment in the Catalina Fire. Tell us about working stations during Field Day or other special event stations. We'll try to let every one have a turn in round robin fashion. It will be fun to hear about the many interests and activities of the club members.

There will be a display of the newly revised ARRL information brochures. Of course, we will have a raffle hosted by Larry Tinkler, K6LXT.

We plan to have some special refreshments for the occasion. We'll celebrate our 56<sup>th</sup> year as a club.

If anyone would like a ride to this meeting, please contact **Arlene Schwartz**, KE6GFI, Vice-President, Membership at 562-928-1775, or by email to [KE6GFI@arri.net](mailto:KE6GFI@arri.net). Remember friends and visitors are always welcome.

**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@arrrl.net

### First Vice President

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

### VP Programs

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

### VP Membership

Arlene Schwartz, KE6GFI  
Phone: (562) 928-1775  
ke6gfi@arrrl.net

### VP Service

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

### VP Ways and Means

Paul Metzger, K6EH  
Phone: (562) 928-4332  
paulmetzger@fastmail.net

### Secretary

Ron Eveland, W6QM  
Phone: (562) 860-3623  
w6qm@msn.com

### Treasurer

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

### Director (One Year)

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

### Director (Two Years)

Buck Kerns, AE6DT  
Phone: (562) 861-3085  
ae6dt@arrrl.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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**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](mailto: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](http://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 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.

## Hawaiian Days Volunteers Needed

The Hawaiian Festival time is coming up on **July 21st & 22nd** and many volunteers will be needed. The Ho'olaule'a will be at Alondra Park in Lawndale, CA again this year. The Hawaiian Inter-Club Council of Southern California (HICC) sponsors the Ho'olaule'a. For the new Hams, this event is two days, (July 21<sup>st</sup> & 22<sup>nd</sup>) on Saturday from 10:00 AM to 5:00 PM and Sunday from 10:00 AM to 5:00 PM. There will be continuous entertainment and many food booths and various Hawaiian goods, arts and crafts for sale. This event will have 10,000 or more people visit the park. This is a great event and great fun.

DARC will provide communications to coordinate between HICC Officers & Event Coordinators, the LA County Recreation Department and the Event Security unit. **This effort requires about 20 volunteers each day.** There are two shifts each day, but as for any event, the more volunteers we have, the shorter the shifts. The shift hours are between 7 AM to 5:30 PM Saturday and 8 AM to 5:30 PM Sunday. Normally there are two shifts and lunch will be provided.

There are several positions that require walking (shadows) and others where no walking is required. The equipment required is a 2M HT, spare batteries, speaker-microphone or headset, and possibly you may want to bring a hat, chair and water bottle. The operational frequency will be the club simplex, with talk-in on the DARC Repeater.

Please sign up at the next meeting or contact AE6DT (Buck Kerns) or WB6ZGF (Dave Buhler) as soon as possible.

## Minutes of the D.A.R.C. Board of Directors Meeting – June 12, 2007

Sam Loller, K1SL, President, called the meeting to order at 7:41 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, 1<sup>st</sup> VP; Dick Palmer, WB6JDH, VP Programs; Arlene Schwartz, KE6GFI, VP Membership; Dave Buhler, WB6ZGF, VP Service; Paul Metzger, K6EH, VP Ways & Means; Ron Eveland, W6QM, Secretary; Frank Hornberger, N6ZDS, Treasurer; Buck Kerns, AE6DT, Director, Two Years, and Tom VanBuskirk, K6TV, Director, One Year.

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were any other announcements. Dave Buhler, WB6ZGF, VP Service read a letter from the executive director of the 14<sup>th</sup> Annual Downey Street Faire. DARC was thanked for its participation in this years' event. Dave went on to say that our club had little to do with the event this year since 95% of the activities were conducted on UHF radios that were distributed to Faire personnel for use during the day. Dave added that if the Chamber will be using their own radios next year we will be participating, but not providing communications.

Dave also reminded everyone that the club would once again be participating in Field Day as a Class F station, and would be again operating from Downey Fire Station #1. Set up will be on Friday, June 22, using ham equipment that was purchased by the Downey Fire Department for primary use during Homeland Security needs.

Buck Kerns, AE6DT, Director Two Years, mentioned that there were sign up sheets up front for Hawaiian Days, and that meal tickets would be provided for those that participated. Arlene Schwartz, KE6GFI, VP Membership, personally thanked Buck for his recent help and participation in "Kids Day".

Arlene next covered up coming and past ARRL contest activities. Ed Roos, KC6ZHY, 1<sup>st</sup> VP, invited everyone to attend the DARC Breakfast held each Saturday. (See elsewhere for details)

Larry, K6LXT then conducted the raffle. The first winner was Jack Jones, W3OB, a packet of solder aids. Other winners were Ed Roos, KC6ZHY, a heat gun; John Johnson, W6NH, a battery operated soldering Iron; Jon Olesen, KD6HXP, a magnifier; Art Varney, WA6OZQ, a hand crimper; Ron Eveland, W6QM, an air gauge; Norm Wright, KG6FSA, a large storage case; Larry Tinkler, K6LXT, a small storage case.

John Schroeder, N6QQ, briefly spoke on a new DX QSL card service.

Sam wished everyone good evening and the meeting was adjourned at 9:00 PM.

Respectfully Submitted,  
Ron Eveland, W6QM, Secretary

## D.A.R.C. General Meeting Minutes – June 7, 2007

Sam Loller, K1SL, President, called the meeting to order at 7:30 PM with 35 persons in attendance, and welcomed everyone. He then led the Pledge of Allegiance.

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

Next the meeting was turned over to Dick Palmer, WB6JDH, VP Programs, who then introduced Dave Corsiglia, WA6TWF, whose presentation was entitled "The Most Expensive Radio System Around". Dave began by giving a brief introduction of himself and his experience with repeaters. Dave also started "Super System" to help those people that are unable to erect their own antennas to still be able to operate HF through a local VHF or UHF repeater.

The idea for the most expensive radio system came about when Raleigh "Lee" Shaklee, W6BH, was unable to erect large antenna arrays after he moved to an apartment in Newport Beach. He commissioned Jim Day to design and build a station in Anza that would be linked by dedicated telephone lines to his apartment. It took approximately two years to build the station on Table Mountain.

Dave finished his presentation with a demonstration of his Super System by linking our club meeting place using a 440 MHz repeater and then tuned 80 meters with the use of a key pad to find a station. A successful contact was made using the Super System where good reports were exchanged. Those that would like additional information about "The Most Expensive Radio System Around", go to [www.w6bh.com](http://www.w6bh.com). Those that would like more information on the "Super System" go to [www.wa6twf.com](http://www.wa6twf.com).

The meeting was then adjourned for a short break.

After the break 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.

Sam, K1SL, mentioned that he had attended the 10/10 luncheon today, and that the club was well represented. Sam also invited all club members to attend the board meeting next Tuesday. Sam then asked if there

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### Officers Reports:

1<sup>st</sup> VP: Ed had nothing to report.

VP Programs: Dick reported that at this time he did not have a speaker for July.

VP Membership: Arlene asked Dick, WB6JDH, if he was still not going to be at the next club meeting, and Dick confirmed that he would not. Several ideas were discussed concerning the program at our next meeting including the usual July "Summer Social" plus some possible speakers that might be available. Arlene agreed to come up with a program for July, but since the meeting this year would be held inside, she opted for a cake, rather than the usual ice cream. Arlene again asked this month about the DARC listing in World Radio Magazine which still showed our former location. After some discussion it was decided that Tom, K6TV, and Sam, K1SL, would separately notify World Radio of our new meeting address. It was also decided by the board that all matters concerning our club call sign are the sole responsibility of the Trustee, who currently is Tom VanBuskirk, K6TV.

VP Service: Dave deferred to planning calendar.

VP Way & Means: Paul made a report on his search for new sources for club merchandise. He had found some possible new vendors for the hats, shirts, and jackets that would embroider the DARC logo, individual names and call signs. A discussion followed and suggestions were made on other local sources. Paul will follow up and report back at the next meeting.

Secretary: Ron had nothing to report. .

Treasurer: Frank distributed copies of the Treasurers Report.

Director, Two Years: Buck deferred to planning calendar.

Director, One Year: Tom had nothing to report.

The minutes of the May Board meeting and the Treasurers report were approved.

**Planning Calendar:**

June 22 & 23 07-Field Day. Will again be held in the Downey EOC.  
 July 21 & 22, 07-Hawaiian Days, Volunteers are still needed for this event, FREE FOOD!  
 September 7,8 & 9 07- Hamcon  
 October/November- Tentative club yard sale. .

**Old Business:**

Repeater Activities: The discussion continued from last month regarding the Glenn Allen letter and his approach to improving the repeater performance to the board's satisfaction. It was agreed that the performance had improved, but there was some concern on his approach, especially in regards to money spent over and above the repeater budget. After much discussion a motion was made and approved to reimburse Glenn \$300 for equipment he purchased.

The repeater budget for next year needs to be looked at and probably increased. Dave, WB6ZGF will follow up with Glenn to obtain all receipts necessary so payment can be made. Dave also agreed to obtain a date from Glenn on when a list of the repeater Control Functions will be given to the board, and also obtain copy of the present repeater software that is being used for safe keeping by the board

Silent Key Committee: Dave, WB6ZGF, reported that he needs everyone's help in getting the word out on the Fujimoto ham radio estate. Dave will set minimum bid dollar amounts for all items in the estate from the price data submitted from committee members and publish it on our club website. 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.

Buck Kerns reported that he has checked out all of the equipment and it was in working order. All equipment is sold "as is" without warranty. Ron W6QM, and Dick, WB6JDH both volunteered to pass out sheets at local area swap meets as a means of increasing participation.

LA Hamcon: Sam, K1SL, delivered to the Hamcon Committee, at their request, a tentative list of 20 speakers. Sam has also requested bios and individual requirements of each speaker, which are needed by June

ed	Thu	Fri	Sat
<b>ence</b>	<b>5</b> DARC Meeting 7:30 PM at the First Baptist Church in Downey	<b>6</b>	<b>7</b> DARC Breakfast, 6:30 AM (see pg 19)
	<b>12</b> 2-meter net 7:15 pm Club simplex 145.595 Control: <b>WB6ZGF</b>	<b>13</b>	<b>14</b> DARC Breakfast, 6:30 AM (see pg 19)
	<b>19</b> 2-meter net 7:15 pm Club simplex 145.595 Control: <b>KISL</b>	<b>20</b>	<b>21</b> DARC Breakfast, 6:30 AM (see pg 19) <b>Hawaiian Days</b> (see page 4)  CHHS Swap meet (see pg 3)
	<b>26</b> 2-meter net 7:15 pm Club simplex 145.595 Control: <b>AD6AF</b>  Summer Begins	<b>27</b>	<b>28</b> DARC Breakfast, 6:30 AM (see pg 19)
	<b>2</b> 2-meter net 7:15 pm Club simplex 145.595 Control: <b>TBA</b>	<b>3</b>	<b>4</b> DARC Breakfast, 6:30 AM (see pg 19)  W6TRW Swap meet (see pg 3)

Sun	Mon	Tue	Wed
1  <b>July 2007</b>	2	3 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz Control: <b>WB6JDH</b>	4  <b>Independence Day</b>
8	9	10 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz Control: <b>AD6AF</b>	11
15	16	17 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz Control: <b>KN6LM</b>	18
22 <b>Hawaiian Days</b> (see page 4)	23	24 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz Control: <b>N6TEB</b>	25
29	30	31 DARC 440 net 7:00 pm on Club 440 repeater. 445.640(-) pl 156.7 Hz Control: <b>WBZGF</b>	1

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20<sup>th</sup>. Sam asked all board members to help at Hamcon during the event, and also to help provide any needed equipment. At present Sam expects 4 to 5 rooms will be required for speaker presentations.

Club Logo Items: Covered earlier during opening discussions.

**General Comments:**

The meeting was adjourned at 8:52 PM.

Respectfully submitted,  
Ron Eveland, W6QM,  
Secretary

**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—Expenditures

2006 - 2007 EXPENDITURES	May 07 ACTUAL	YTD ACTUAL	ANNUAL BUDGET	(OVER)/ UNDER BUDGET
<b>Attendance Prizes</b>		\$0.00	\$100.00	\$100.00
<b>Repeater Phone Line</b>		\$109.22	\$225.00	\$115.78
<b>Club Merchandise</b>		\$0.00	\$200.00	\$200.00
<b>Club Bulletin</b>				
Printing	\$77.94	\$467.64	\$1,000.00	\$532.36
Supplies		\$17.27	\$30.00	\$12.73
Postage	\$31.20	\$226.20	\$400.00	\$173.80
<b>Committees</b>				
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
<b>Equipment/Maintenance</b>		\$0.00	\$50.00	\$50.00
<b>Events</b>				
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
<b>Insurance</b>		\$0.00	\$350.00	\$350.00
<b>Misc. Expenses</b>	\$20.00	\$20.00	\$100.00	\$80.00
<b>Officers' Expenses</b>				
Board Members		\$0.00	\$50.00	\$50.00
Treasurer		\$27.03	\$50.00	\$22.97
<b>Other Organizations</b>				
Dues		\$10.00	\$20.00	\$10.00
<b>P.O. Box Rental</b>	\$50.00	\$50.00	\$80.00	\$30.00
<b>Refreshments, Meetings</b>		\$28.24	\$200.00	\$171.76
<b>World Radio Listing</b>		\$0.00	\$65.00	\$65.00
<b>Total Expenditures</b>	<b>\$179.14</b>	<b>\$986.18</b>	<b>\$3,420.00</b>	<b>\$2,433.82</b>

Treasurer's Report—Income

2006 - 2007 INCOME	May 07 ACTUAL	YTD ACTUAL	ANNUAL BUDGET	(OVER)/ UNDER BUDGET
Club Merchandise	\$0.00	\$0.00	\$200.00	\$200.00
Dues	\$50.00	\$595.00	\$1,335.00	\$740.00
Raffle				
Misc. Income		\$150.00	\$885.00	\$735.00
Fund Raisers		\$0.00	\$1,000.00	\$1,000.00
<b>Total Income</b>	<b>\$50.00</b>	<b>\$745.00</b>	<b>\$3,420.00</b>	<b>\$2,675.00</b>

Treasurer's Report—Summary

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

**SUMMARY**

CHECKING-WA MUTUAL	\$2,999.23
BALANCE AS OF Apr 30, 2007	
INCOME	\$50.00
EXPENDITURES	\$179.14
Raffle (Month)	(\$65.48)
Raffle (Total Holdings)	\$352.38
Brunch (Month)	\$0.00
Brunch (Total Holdings)	\$35.22
CHECKING-WA MUTUAL	
BALANCE AS OF May 31, 2007	\$2,804.61

**July Birthdays**

**Chuck Anna, KE6TBC, 15th**  
**Buck Kerns, AE6DT, 25th**  
**Jeff Glassman, WA6ENI, 29th**  
**Louis Aguilera, KE6HVV, 31st**

**Happy Birthday To All!**