



The SKYHOOK



HOLIDAY CITY AMATEUR RADIO CLUB

www.hcarc.us

June 2009

Toms River, NJ

Program for our June Meeting

This months program will be devoted entirely to the upcoming Field Day exercise. We will be making final preparations and determining the actual member participation. We will be using the logging program we used last called SQUIRL. This is a simple and easy to learn logging program and we will be having classes to acclimate the operators to its functions. Many of the members already have had experience using the program but since Field Day is a once a year event a practice session is in order.

Continued on page 3 (See Field Day)

Dates to Remember

June 1	Club Members Luncheon
June 4	Regular Membership Meeting
June 10	Evening VE Session
June 15	Club Members Luncheon
June 20	Piscataway Hamfest
June 24	Executive Board Meeting
June 27	Field Day
June 29	Club Members Luncheon

Birthdays & Anniversaries

Birthdays

Mike Agostinello	06/12
Sharon Forshee	06/19
Vince Genzardi	06/21
Sally Genoino	06/01
Nona Haldane	06/22
Russ Young	06/10



The President's Corner By Dave WA2DJN



On Thursday May seventh we celebrated the 20th anniversary of the Holiday City Amateur Radio Club. There were approximately 35 people who attended the affair. I would like to thank the ladies who brought food, and the members who provided the decorated sheet cake and the coffee and soda. Also thank you to all those who helped set up, and clean up after the affair. I would like to thank Murray Goldberg, and Don Smith for the great photo displays of past presidents and past club events, they were great.

My thanks also to Carl LeFevre WA2IQE for taking pictures with his I pod, Don Smith W2III with his digital camera, and to Steve Jackson N2WLH for posting them on our web site. They will bring back many memories.

We gave certificates of appreciation to Murray Goldberg KD2IN, George Waked WB2OQM, Larry Housman W2GIS, and Vince Genzardi W2GRA. These were founding members who celebrated 20 years of continuing membership since the club was started. Murray was the only one present, and I will mail the other certificates to the other members.

Our next meeting will be June fourth, where we will discuss field day, which falls on June 27th at the same field site, as last year. At this time we intend to have two transmitters in operation and to make more contacts this year than in the past. I hope to have many of our members come and help set up equipment and have lots of fun operating during the field day event. I hope the weather is good, but we do have a roof for cover if it rains. I hope to see you all at the June meeting.

73
Dave
WA2DJN

NEXT MEETING: June 4, 2009
Thursday 7:00PM
Meeting Rm. #1 at Holiday City South
Clubhouse
Mule Rd. at Santiago Drive

HCARC Anniversary

Our 20 anniversary celebration was held at our May meeting. May 1989, was the start of the Holiday City Amateur Radio Club. Incorporated as an ARRL Affiliated club we still remain affiliated with the ARRL. The club has grown and is also listed as an ARRL sanctioned VE group. Many members have also joined in the Amateur Radio Emergency Service (ARES) and participate in weekly drills and various events requiring amateur radio support. The anniversary was attended by 35 members guests and friends. The woman provided many hot and cold Hors d'oeuvres and the club provided a sheet cake that was decorated with "Happy 20th Anniversary HCARC written on it. Of course there was soda coffee and tea available.

Club President Dave Ottenberg presented awards to the four remaining original members that formed the club 20 years ago. Murray Goldberg KD2IN who was present, Vince Genzardi, W2GRA, Lawrence Houseman W2GIS, and George Waked KB2OQM who were not able to attend the celebration. The members who were not able to attend had their certificates mailed to them.

There were many photos of the club members at various functions during the past 20 years posted around the room for all to enjoy and remember. Many of those original members have become silent keys but are still remembered on our club WEB site. There were pictures of club dinners at a local restaurant and pictures of Field Days past.

The evening was very festive and everyone enjoyed the talks given by some of the members that remembered past experiences.



HCARC Official Badge Ordering

The club's official badge maker is the Capital Engraving Co. in Longview, WA. To order a badge, simply call Capital at 1-800-628-4985 after 1PM M-F. All that is required is to give your call and first name and your mail address. Use your credit card to pay. Cost is \$12.50 plus \$2 S&H. Al Ross WA7UQE will take care of you and create an official logo

Our VE Crew

Murray KD2IN, Bill AC2F, John K2JWH, Ed W1EAP, Larry K2QDY, Jamie W2QO, John KQ4WR, Jack KC2FS, Stan KB2PD Steve N2WLH, Kevin W2FA Ed WA2NDA.

CLUB COMMITTEES

Refreshments: John K2JWH, Carl W2PTZ

www.hcarc.us Webmaster: Steve N2WLH, Kevin W2FA

Publicity: Ed W1EAP

Programs: Murray KD2IN

Sunshine: John W2JWH

Event Food Committee: Grace-Marie (K2QDY)

Field Day: Larry K2QDY

VE Sessions: Bill AC2F, Larry K2QDY plus the 'crew'

Skyhook: Larry K2QDY

Funds Raising: Open

Membership: Bill AC2F

HOLIDAY CITY AMATEUR RADIO CLUB

Toms River, New Jersey

Web Site www.hcarc.us

President	Dave Ottenberg	WA2DJN	732 505-5953
Vice President	Ed Picciuti	W1EAP	732 736-0955
Secretary	Norm Smith	W2PXE	732 920-5423
Treasurer	Joe Militano	KC2QLA	732 657-7092
Executive Board	Don Smith	W2III	732 505-4821
Executive Board	Larry Puccio	K2QDY	732 349-2950
Executive Board	Bill Haldane	AC2F	732 240-7064
Executive Board	John Hann	W2JWH	609 660-0985
W2HC Trustee	Don Smith	W2III	732 505-4821

Membership is open to all interested persons. Ham license is not required.

Dues are \$20.00 per year, payable Jan. 1st. Members joining during the year will have the dues prorated. Family membership \$10.00

Meetings are held on the first Thursday of every month, at 7:00 pm.

Location: Meeting Room #1 in the Holiday City South Clubhouse.

Directions: Go to Mule Rd. and to the corner of Santiago Drive. Turn into Santiago Dr., then into the parking lot in front of the pool. Enter bldg. on right.

The SKYHOOK is published monthly.

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Morse Code Development and History



A typical "straight key." This U.S. model, known as the J-38, was manufactured in huge quantities during World War II, and remains in widespread use today. In a straight key, the signal is "on" when the knob is pressed, and "off" when it is released. Length and timing of the dots and dashes are entirely controlled by the operator.

Beginning in 1836, Samuel F. B. Morse and Alfred Vail developed an electric telegraph, which sent pulses of electrical current to control an electromagnet that was located at the receiving end of the telegraph wire. The technology available at the time made it impossible to print characters in a readable form, so the inventors had to devise an alternate means of communication. In 1837, William Cooke and Charles Wheatstone began operating electric telegraphs in England that also had electromagnets in the receivers; however, their systems used needle pointers that rotated to indicate the alphabetic characters being sent.

In contrast, Morse's and Vail's initial telegraph, which first went into operation in 1844, made indentations on a paper tape when an electrical current was transmitted. Morse's original telegraph receiver used a mechanical clockwork to move a paper tape. When an electrical current was received, an electromagnet engaged an armature that pushed a stylus onto the moving paper tape, making an indentation on the tape. When the current was interrupted, the electromagnet retracted the stylus, and that portion of the moving tape remained unmarked.

The Morse code was developed so that operators could translate the indentations marked on the paper tape into text messages. In his earliest code, Morse had planned to only transmit numerals, and use a dictionary to look up each word according to the number which had been sent. However, the code was soon expanded by Alfred Vail to include letters and special characters, so it could be used more gen-

erally. The shorter marks were called "dots", and the longer ones "dashes", and the letters most commonly used in the English language were assigned the shortest sequences.

In the original Morse telegraphs, the receiver's armature made a clicking noise as it moved into and out of position to mark the tape. Operators soon learned to translate the clicks directly into dots and dashes, making it unnecessary to use the paper tape. When Morse code was adapted to radio, the dots and dashes were sent as short and long pulses. It was later found that people become more proficient at receiving Morse code when it is taught as a language that is heard, instead of one read from a page.^[1] To reflect the sound of Morse code, practitioners began to vocalise a dot as "dit", and a dash as "dah".

Morse code was an integral part of international aviation. Commercial and military pilots were required to be familiar with it, both for use with early communications systems and identification of navigational beacons which transmitted continuous three letter ID's in Morse code. As late as the 1990s, aeronautical charts listed the three letter ID of each airport in Morse and sectional charts still show the Morse signals for Vortac and NDB used for in flight navigation.

Morse code was also used as an international standard for maritime communication until 1999, when it was replaced by the Global Maritime Distress Safety System. When the French navy ceased using Morse code in 1997, the final message transmitted was "Calling all. This is our last cry before our eternal silence."

Continued from page 1

Field Day

Many clubs make Field Day a club and family event. The club members go out to the Field Day site and set up the antennas and radios early on Saturday morning. Hopefully there is no rain and the temperature is not too hot. The dipoles are erected sometimes with the aid of a sling shot, bow and arrow or more recently using a tennis ball launcher. One of the cautions I learned over the years is to make sure that there are no car windows in the line of fire when you let loose with the sling shot and the one ounce sinker secured to the fishing mono-filament line. Sometimes the line snags and you hear that dreadful snap. That's when you hope there are no windows directly in line with the one ounce sinker with the broken telltale fishing line attached to it. Later in the day the other family members arrive in time to set up the afternoon barbeque. It would be nice if our club could arrange that kind of event.

Hows DX

By Russ Young WA2VQV

Russ, WA2VQV Worked:

On 20 Meters CW: DK1DU, DL5MC Germany, SV1DPI Greece, Z30U Macedonia.

On 20 Meters SSB: 2I0BSA Northern Ireland, 5B4AIF Cyprus, 9A4KW Croatia, 9K2MU Kuwait, CT1FMX Portugal, DL1DXA, DL2MWB, DL6LW Germany, EA2VE, EG2IPY Spain, G4UJS England, HB0/DL2SBY Liechtenstein, IK2CIO, IZ1LBG, IZ6GSQ Italy, IT9ABY Sicily, IS0YTG Sardinia, J73CAJ Dominica, LA8HGA Norway, LY3W Lithuania, LZ2009MKM Bulgaria, OE3DIA Austria, S58FA Slovenia, VP2VQ British Virgin Islands, YV1CTE Venezuela.

On 20 Meters PSK31: CX5TR Uruguay.

On 17 Meters CW: FM5LD Martinique.

On 17 Meters SSB: CO8LY Cuba, EA1ABT Spain.

On 20 Meters SSB: IK0FGL Italy, HR1AAB Honduras, UV5QA Ukraine, YV5OHM Venezuela,

Larry, K2QDY worked:

On 20 Meters SSB: IK0FGL Italy, HR1AAB Honduras, UV5QA Ukraine, YV5OHM Venezuela, CE1KR Chile, 2M0LAW Scotland, MD0CCE Isle of Man, MI3FIM Ireland, 7Z1SJ Saudi Arabia 9A5BS Croatia, JT1CO Mongolia.

On 20 Meters CW: UR5MCX, RA9KY, UA3TPJ, RP3YVF, RP3EOD, RP6AMZ Russia, 5X1NH Uganda, M0DHO England, A71AN Qatar, SV2HRT Greece, XE1RK Mexico, GI0DVU Northern Ireland, 5F1ROM Morocco, KH6MB Hawaii, MU0FAL Guernsey.

On 30 Meters CW: ZB2FK Gibraltar, RA6AY, US5XD, RZ0AF Russia, EW3LN Belarus, VP2/NY6X Virgin Islands, 7X4AN Algeria, FO/N6JA French Polynesia, EA8OB Canary Islands.

On 40 Meters CW: HK0AAG Colombia, ER1EA Moldavia, OZ1GML Denmark,

On 17 Meters CW: FO/N6JA French Polynesia.

73 & Good hunting,
Russ, WA2VQV

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