



The SKYHOOK



HOLIDAY CITY AMATEUR RADIO CLUB

www.hcarc.us

May 2011

Toms River, NJ

Program for our May Meeting

This month is devoted to Antennas. Each member that has an antenna up for HF or VHF operation is encouraged to plan a short five minute talk on the antenna and how you erected it. Tell us how it works and what changes you might be contemplating. Additionally we will be discussing Field Day. Once again we will be holding Field Day at the Toms River Park. We need to compile a list of who will be participating and what equipment you can bring to the event.

Dates to Remember

May 2	Club Luncheon
May 5	Regular Membership Meeting
May 11	VE Session Wednesday 7:00 PM
May 16	Club Luncheon
May 25	Executive Board Meeting
May 30	Club Luncheon

Birthdays & Anniversaries

Birthdays

Joe Militano 05/11



Anniversaries

Kevin and Kathy Wagner 05/20
Warren and Barbara Keay 05/26



The President's Corner By Steve N2WLH



We are looking into audio assistance:

At our last meeting we had a discussion regarding the possibility to provide audio assistance for a few of our members. At the present time Carl, W2PTZ is looking into what we have available at the clubhouse. We may add to the already available system to give our hearing impaired members a helping hand.

An Elmer program:

Reviewing questionnaires that were handed out a few months ago I noticed we have a vast variety of radio and antenna equipment being used by our membership. At last month's meeting I proposed an Elmer program with many of our members volunteering to provide assistance to any member that needs it. At present we have a list of 7 members that volunteered so if you are in need of assistance please don't hesitate to ask. You can email me at n2wlh@arrl.org or call at (732) 255-7916. We will provide whatever help we can.

Field Day:

Ed brought up the possibility of having the Mayor and a news reporter attend our Field Day event this year. He will be contacting the appropriate people to see if they will be available to attend. During the May meeting we will be discussing arrangements for the June Field Day event and finalizing things at the June meeting. If you have suggestions bring them with you at the upcoming meetings.

Monthly Presentation:

Dave chaired another nice presentation on code keys and their differences. He provided a code oscillator for the many keys brought in for demonstration. Larry brought in an interesting bug style key that also doubled as a straight key if turned on its side. A variety of straight keys, paddles, "bugs" and a Curtis Keyer were brought in for demonstration by Dave WA2DJN, Larry K2QDY, Kevin W2FA and myself.

The very best 73,
Steve Jackson N2WLH

NEXT MEETING: May 5, 2011

Thursday 7:00PM

**Meeting Rm. #1 at Holiday City South
Clubhouse**

Mule Rd. at Santiago Drive

Stealth Antennas

By Steve Jackson N2WLH



Beams

This is a bit tougher, VHF & UHF beams can be hidden from view behind chimneys or trees. HF beams even on 10m are big and hard to camouflage but a clever ham could possibly shorten one to look like a TV antenna. I expect to see more antennas like the new Hy-Gain 2/6 meter beam that looks a lot like a TV yagi and lets you take advantage of the Communication act of 1996. This FCC ruling states that if you own your property you can have a outdoor TV antenna despite local covenants etc.

Continued on Page 3

Wire Antennas

The owner of this home has built a loop antenna that literally circles his house and no one is the wiser. Take note of the coax exiting the attic vent and running over to the balun which is connected to the wire running around the eaves of the house. Wire loop antennas like this one are quite effect and stealthy as well. Along with this is the fact that loop antennas tend to be broad banded and can readily used on more than one band.

Well, about the time you think you have seen it all there comes around something like the antenna to the right of your screen. It is manufactured by Rohn Products and should hide any antennas systems contained within fairly well. Of course it will also tend to make people stop and point thereby drawing more attention to it than one might desire. Nevertheless, it shows what can be done to hide your antenna.

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Our VE Crew

Murray KD2IN, Bill AC2F, John K2JWH, Ed W1EAP, Larry K2QDY, Jamie W2QO, John KQ4WR, Stan KB2PD, Steve N2WLH, Kevin W2FA, Ed WA2NDA, Walter KC2LFD.

CLUB COMMITTEES

Refreshments: Carl WA2IQE, Carl W2PTZ

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

Publicity: Ed W1EAP

Programs: Dave WA2DJN

Sunshine: Ed W1EAP

Event Food Committee:

Field Day: Larry K2QDY

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

Skyhook: Larry K2QDY

Funds Raising: Vacant

Membership: Murray KD2IN

HOLIDAY CITY AMATEUR RADIO CLUB

Toms River, New Jersey

Web Site www.hcarc.us

President	Steve Jackson	N2WLH	732 255-7916
Vice President	Ed Picciuti	W1EAP	732 736-0955
Secretary	Carl Lee	W2PTZ	732 237-2421
Treasurer	Larry Puccio	K2QDY	732-349-2950
Executive Board	Don Smith	W2III	732-505-4821
Executive Board	Joe Militano	KC2QLA	732-657-7092
Executive Board	Bill Haldane	AC2F	732-240-7064
Executive Board	Carl Lee	W2PTZ	732-237-2421
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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Building Stealth Antennas takes skill and ingenuity. The skill is required to build an antenna that will perform well for the frequency desired. The ingenuity part comes into play when it comes time to hide the antenna from prying eyes. It might appear that wire antennas are the antennas used the most and that is likely true. However, that does not mean that beam and verticals antennas can't be hidden. For instance, take a look at how this VHF beam was hidden in the attic area of this building. Granted that it may not work as well as it ideally would while mounted higher up and outside but it is hidden quite effectively. Note that this antenna is a directional beam antenna so the signal going out is increased and its ability to receive signals is also increased.

What Other Ways Can Be Used?

There are many but here are a couple ideas to get your "idea factory" working on your own stealth antenna ideas. This type of stealth antenna as been around a long time. Can't see the antenna yet? Just take a look at Old Glory waving in the breeze and you will see the antenna. Give up? It's the flagpole! These flagpole vertical antennas are popping up all over the place especially where outside antennas are restricted or forbidden altogether. If you wish to erect any sort of flagpole antenna such as this one then you might want to be sure there aren't restrictions on flagpoles in the area where you wish to erect it. Some homeowner associations have an even more restrictive policy towards communications by stating that no radio emissions are allowed. Of course this would not apply to shortwave listening but it is best to check first.



My Antenna Farm By Russ Young WA2VQV

The antenna I use most of the time is a 3 foot diameter aluminum MFJ-1786 Super Hi-Q Mini-loop for 30M-10M up in my attic, 21 feet above ground. I rarely also put up a 40 Meter dipole fed through a 1:1 BALUN which runs from my guest bedroom across the dining room to a porch. As we live in a 2nd floor condo, the dipole is about 17 feet above ground. Even more rarely, I jump out the BALUN and use it as a 66 foot 80M long wire, matched with an MFJ tuner. These are minimal antennas, compared to your antenna farm.

Hamfest/Conventions By Kevin Wagner W2FA

Hamfests

05/07/2011 | [GSARA/JCDXA Hamfest](#)

Location: Tinton Falls, NJ

Type: ARRL Hamfest

Sponsor: Garden State ARA & Jersey Coast DX Association

Website: <http://www.gardenstateara.org>

05/28/2011 | [BARA Spring Hamfest](#)

Location: Township of Washington, NJ

Type: ARRL Hamfest

Sponsor: Bergen Amateur Radio Association

Special Events:

05/05/2011 | **50th Anniversary of Alan Shepard's First Manned Space Flight**

May 5, 1400Z-2100Z, KA1SKY, Concord, NH. Contoocook Valley Radio Club. 28.400 21.300 14.250 144.200. Certificate. Wayne Santos, 163 Hartshorn Rd, Barnstead, NH 03218. Operating at the McAuliff-Shepard Discovery Center. Station is a collaborative project of CVRC, NEAR-Fest and the Discovery Center. www.k1bke.org/planetarium/ka1sky.htm

05/06/2011 | **7th Anniversary of the 72 Rag Chew Group**

May 6-May 8, 1300Z-1800Z, K1R, Northfield, MA. 72 Rag Chew Group. 7.272. QSL. Robert W. Lobenstein, 1958 E 36th St, Brooklyn, NY 11234. Fri 9am-2pm; Sat-Sun 8:15am-2pm. www.ragchewers.net

05/06/2011 | Martha's Vineyard DXpedition - Team HAMCOW - IOTA & NEQP

May 6-May 8, 1200Z-2100Z, W1ACT, Aquinnah, MA. Fall River Amateur Radio Club. 14.280 14.040 7.280 7.035. QSL. Roland Daignault Jr, 19 Davis Rd, Westport, MA 02790. www.qsl.net/bcra and hamcow.net

05/06/2011 | 125 Anniversary Coca-Cola Founders Day

May 6-May 8, 0000Z-2359Z, K0K, Atlanta, GA. Atlanta Radio Club. 14.260 7.050. QSL. Newton White, 849 Willivee Dr, Decatur, GA 30033. www.atlantaradioclub.com

05/07/2011 | Palo Alto Battel Field Anniversary

May 7, 1600Z-2200Z, K5VC, Brownsville, TX. Charro Radio Club/South Texas ARES District 15. 28.310 21.280 14.230 14.070 PSK-31 2 m Rio Grande Valley Rep. Certificate & QSL. Clifford Wareham, 32086 Share 28 Rd, Los Fresnos, TX 78566. Anniversary of the first battle of the Mexican-American war at Palo Alto Battel field site, May 8, 1845. cliffordwareham@hotmail.com

05/07/2011 | Titan Missile Museum 25th Anniversary Special Event

May 7, 1500Z-2300Z, WE7GV, Green Valley, AZ. Green Valley Amateur Radio Club. 14.245 14.242. Certificate & QSL. Green Valley Amateur Radio Club, 601 N La Canada Dr (SAV), Green Valley, AZ 85614. Titan Missile Site in Sahuarita, Arizona. gvarc.us

05/07/2011 | 66th Annual Pinetree Festival

May 7, 0900Z-1630Z, N4P, Twin City, GA. Southeastern Amateur Radio Association. 28.400 14.228 7.191. QSL. N4P@e-qsl or Ron Hill/N4P, 51 Bobwhite Rd, Twin City, GA 30471. www.kj4mks.com

05/07/2011 | Kurn Hattin Spring Fling

May 7, 1500Z-1900Z, W1RRC & WR1VT, Westminster, VT. West River Radio Club. 14.270 14.070 7.270. QSL. John Borichevsky, N1TOX, PO Box 8087, Brattleboro, VT 05304. westriverradio.org

05/13/2011 | 100th Indy 500 Anniversary

May 13-May 29, 1500Z-2200Z, W9IMS, Indianapolis, IN. Indianapolis Motor Speedway Amateur Radio Club. 21.340 14.240 7.240 3.840. Certificate & QSL. W9IMS, PO Box 18495, Indianapolis, IN 46218. SASE for QSL. \$4 for certificate. Must work all three races in one year to qualify for certificate. www.qrz.com/db/w9ims

05/14/2011 | Armed Forces Day, National Maritime Day, Navy Nurse Corps Established 1908, MARS Amateur Radio Crossband Operations Event

May 14, 1600Z-2359Z, N16IW, San Diego, CA. USS Midway (CV-41) Museum Radio Operations Room. SSB 14.320 7.250 PSK31 14.070 D-STAR 012C and 2 m/70 cm SOCAL rpters; Crossband kHz: 4003.0/3935.0 7351.5/7250.0 14463.5/14320.0 20936.0/21275.0 80 40 20 15 m. QSL. USS Midway Museum Radio Room, 910 N Harbor Dr, San Diego, CA 92101. kk6fz@arrl.net

05/14/2011 | Grace Cottage Hospital Health Fair

May 14, 1500Z-1900Z, W1RRC & WR1VT, Townshend, VT. West River Radio Club. 14.270 14.070 7.270. QSL. John Borichevsky, N1TOX, PO Box 8087, Brattleboro, VT 05304 westriverradio.org

05/14/2011 | Grace Cottage Hospital Health Fair

May 14, 1500Z-1900Z, WR1VT & W1RRC, Townshend, VT. West River Radio Club. 14.270 14.070 7.270. QSL. John Borichevsky, N1TOX, PO Box 8087, Brattleboro, VT. westriverradio.org

05/14/2011 | 90th Anniversary of the Radio Club Le Havre

May 14-May 15, 1400Z-2100Z, TM90LH, Le Havre, FRANCE. F6KOH Club SHTSF. 14.290 7.090 3.690 14.070 PSK. QSL. SHTSF, 25 rue des Iris, Le Havre 76610, FRANCE. Event running several weekends. www.shtsf.com

05/14/2011 | Dutch National Windmill Weekend - Eendracht Windmill

May 14-May 15, 0000Z-2359Z, PD6MILL, Gieterveen, NETHERLANDS. Area amateurs. SSB 10 20 40 m digital possible 2 m. QSL. eQSL or direct to Bernard Zuidema, PD7BZ, Zetveld 45, Schoonoord, 7848CX, NETHERLANDS. All QSOs answered with QSL via bureau, include SAE if you want QSL direct. See URL for list of participating Windmills. www.pd6mill.com

05/15/2011 | Bare to Breakers Footrace 2011

May 15, 1400Z-1900Z, NU6DE, Encinitas, CA. Pacific Area Naturists Amateur Radio Society. IRLP reflector 9553 AND Echolink node VK3RTL-L. Certificate & QSL. Jim Campbell, PO Box 232445, Encinitas, CA 92023. This is a IRLP/Echolink only special event. Ham-band RF frequencies will be used to maintain contact with a xcvr connected to a netbook, which has the link to Echolink. www.inaro.com

05/16/2011 | Lee Shutter Telegraph over 200 Years

May 16-May 21, 0900Z-0900Z, GB2LST, Nr Exeter, DEVON, GREAT BRITAIN. RSGB. 14.190. QSL. John Wakefield, 'Oakhurst', Lower Common Rd, West Wellow, Romsey SO51 6BT, GREAT BRITAIN. www.qrz.com

05/18/2011 | Mt St Helen QSO Party

May 18-May 22, 2100Z-2300Z, W7AIA, Vancouver, WA. Clark County Amateur Radio Club. 14.245 7.240 3.840. Certificate & QSL. W7AIA Special Events, PO Box 1424, Vancouver, WA 98668. SpecialEvents@w7aia.org or www.w7aia.org

05/19/2011 | Cannon County Good Old Days

May 19-May 21, 0000Z-2359Z, N4G, Woodbury, TN. Dekalb/Cannon County Amateur Radio Club. 14.228 14.028 7.228 7.028. QSL. Jerry Elkins, N4LZY, 108 Bel-leville Ln, Woodbury, TN 37190. geode@heartoftn.net

Great CW Practice Site

This information was sent to me by Urb LeJune W2DEC. It is text from CNN off the news wires, and some ARRL code test runs. All at various speeds, so you chose what speed you want to copy, from slow to fast. Just click on the blue arrow at the left side of each panel's heading, and away you go. The web site is: <http://cw.dimebank.com:8080/>

Just click on it and it will take you to the website for the code. If it doesn't open automatically (as it didn't for me) just retype it into the web browser address line and GO.

I tried the slow speed CNN and to my amazement was copying stuff about the Japanese nuclear reactors. And about 50 to 60 percent good copy. And that is after a few years of no Morse copy for me. I guess you never forget it altogether. Hi Hi.

73, Murray kd2in

How's DX

Russ, WA2VQV worked:

On 30 Meters CW: A65CA United Arab Emirates, TA3AX Turkey.

On 30 Meters RTTY: 4A4A Revillagigedo.

On 20 Meters CW: 5X1NH Uganda, A45XR Oman, EG5CI EU-069 Spain, JT5DX Mongolia, OL1911VP Czech Republic, P29NI OC-257 Papua New Guinea, YN2ER Nicaragua.

On 20 Meters SSB: 5M2TT Liberia, 9L5MS Sierra Leone, A92GR AS-002 Bahrain, FM4NB Martinique, EI7JN Ireland, MJ/K3PLV Jersey, SM6YRB Sweden, V31YI Belize.

On 20 Meters PSK31: HI8CSS Dominican Republic, IZ6MQD Italy.

On 20 Meters RTTY: 5Q2J EU-029 Denmark, DK1YPA Germany, LX8RTTY Luxembourg, SV9MBH Crete, U5ARTEK/A Ukraine.

On 17 Meters CW: 5N6/YL2SW Nigeria, EA6/DL7UCX Balearic Islands, ES1TU Estonia, EW8A Belarus, FG/DL1CW Guadeloupe, HA0NAR, HG2011E Hungary, LA9VDA Norway, LY21A Lithuania, MD0CCE Isle of Man, OX3XR Greenland, OY6FRA Faroe Islands, UA9JLL Asiatic Russia.

On 17 Meters SSB: C6AMM Bahamas, CT3MD Madeira, EA9IE Ceuta & Melilla, EG5CI EU-069 Spain, EI9JU Ireland, RW2A Kaliningrad, TO11A Guadeloupe, V31PM Belize.

On 17 Meters RTTY: FG5LA Guadeloupe, PJ2MI Curacao, SV7CFC Greece, YN2ER Nicaragua.

On 15 Meters CW: 5N7M Nigeria, 9L5MS Sierra Leone, RK3ER European Russia.

On 15 Meters SSB: D2CQ Angola.

On 15 Meters RTTY: CM3RPN Cuba.

On 12 Meters CW: 4Z5LA Israel, 5N7M Nigeria, HR5/F2JD Honduras, LA6YEA, Norway, LX1DA Luxembourg, LZ1ND Bulgaria.

On 12 Meters SSB: D2CQ Angola, EA2AAZ Spain, EA9IE Ceuta & Melilla, TO11A Guadeloupe.

On 12 Meters RTTY: LX8RTTY Luxembourg, SV9CVY Crete.

On 10 Meters CW: 5N7M Nigeria.

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 and club name on your personal badge.

How's DX Continued

Joe, KC2QLA, Worked:

80M SSB: YU1XA Serbia, G0EVY England

40M SSB: LZ1ANA Bulgaria, OE/OM3RM Austria, OM2VL Slovak Republic, OL4A Czech Republic, ES5TV Estonia, YL3FT Latvia, DR1A Germany, HB9KNA Switzerland

20M SSB: IK6CWQ Italy, J73CAJ Dominica, 9A7RS Croatia, PJ2/WX7P Bonaire Curacao, VE9GU Canada, HI3TEJ Dominican Republic, SN8B Poland, P43E Aruba.

15M SSB: CO6LC Cuba, EI7DAR Ireland, HI3/W1JNZ Dominican Republic, 4A4A Revillagigedo, EA1EJ Spain, OG2A Finland, HA3DX Hungary, 9A7R Croatia, MD2C Isle of man, DK5DQ Germany, Z37M Macedonia, OK7K Czech Republic, LY9Y Lithuania, RL3A Russia, CT9/DL9OLI Madera Island, GT8IOM Isle of Man, CR6K Portugal, OQ4U Belgium,

E74EBL Bosnia-Herzegovina, G2W England, CN2R Morocco, S520SCC Slovenia, LZ9W Bulgaria, IR9W Italy KP2TM Virgin Island, D4C Cape Verde, VQ51V Turks & Caicos, PY2PK Brazil, V3IMM Belize, OZ7X Denmark, EA9IE Ceuta & Melilla.

17M SSB: 8P9AA Barbados, KP4BD Cuba, RW3LG/MM Scotland, YN2MG Nicaragua, TO11A/P Guadeloupe, VP5/W5CW Turks & Caicos, HH2/PY1ZV Haiti, CT1DQV Portugal.

12M SSB: CO8LY Cuba, ES1BA Estonia, FG5GH Guadeloupe, HA3NU Hungary, HH2/PY1ZV Haiti, HI3/KL7JR Dominican Republic, LY21A, Lithuania, SP2Y Poland, T77C San Marino, UA4PK Russia.

10M SSB: 9A4W Croatia, CO8LY Cuba, EA4EUI Spain, EA8TL Canary Islands, FG5DH Guadeloupe, TO11A France, U3OE Argentina, WP4OFO Puerto Rico.

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