



The SKYHOOK



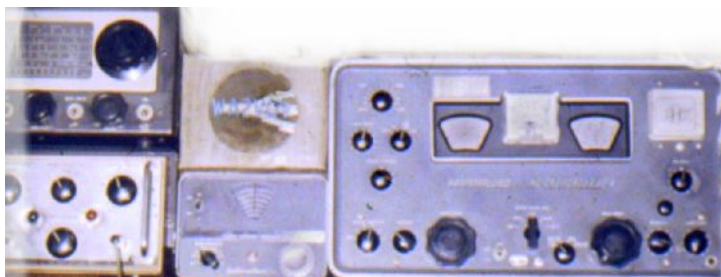
HOLIDAY CITY AMATEUR RADIO CLUB

www.hcarc.us

AUGUST 2013

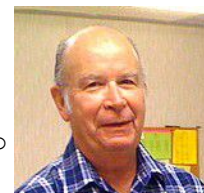
Toms River, NJ

Program for Our Meeting



At our August 1, 2013 meeting, we'll be talking all about setting up your first station. I mean topics like how we used to do it, what to look for when buying used equipment, and what stuff you must have (or at least be able to borrow), and antenna possibilities. We'll have chats over refreshments. Bring your photos.

The President's Corner



I hope everyone has been keeping cool during this heat wave. As is typical for me, I do my antenna work when it is the warmest.

Finally got a vhf/uhf antenna up outside for better coverage. Next I will be putting up an hf vertical.

The August meeting is on the 1st and we will be talking about setting up your first station. So if you don't have a station set up now, please come with any ideas you may have as to what you want to do with your station, and we will help you get going.

I am having major computer issues and may not be able to submit Field Day score to the ARRL. We had 29 contacts on 20 meters and about 6 on 40.

The bands have not been in the best of shape lately, but I hope everyone is making contacts.

See you all at the next meeting.

73,

Carl W2PTZ

Please Mark Your Calendar

Thursday	Aug 1	Club Meeting	7 pm
Monday	Aug 5	Lunch at HC Diner	Noon
Wednesday	Aug 14	License Exams	7pm
Monday	Aug 19	Lunch at Lisa Restaurant	Noon
Wednesday	Aug 21	ARES Meeting at OC EOC	7pm
Wednesday	Aug 28	Exec Board Meeting	10am
Thursday	Sept 5	Club Meeting	7pm

Happy Birthday to:

Larry Loscalzo WA2VLR
Dave Ottenberg WA2DJN
Jamie Punderson W2QO



Happy Anniversary to:

Len (N2LFT) & Elaine Bicher
Carl (W2PTZ) & Jane Lee
Jamie (W2QO) & Sarah Punderson
Norm (W2PXE) & Delores Smith
Stan (KB2PD) & Marjorie Stafiej



NEXT MEETING:
Thursday, August 1 at 7:00PM
at Meeting Room #1
Holiday City South Clubhouse
Santiago Drive at Mule Road
Toms River NJ 08757

Ocean County ARES® News

August 2013

The next meeting of Ocean County ARES will be on Wednesday, August 21st, 2013 at 7:00 PM at the Ocean County EOC, Robert J. Miller Airpark. All are invited to attend.

We are going to start holding ARES Training Nets on simplex (146.550 MHz, National ARES Simplex). A simplex test net is scheduled for the end of July to help establish a net preamble. Several members have requested simplex nets because during actual conditions during Sandy with sustained power losses, we eventually lost the repeater and had to use simplex. Operator patience is required because relays are frequent for some participating stations. Remember to use directed net protocol to avoid doubles and always pause and listen first.

Prepping for Brownouts and Blackouts

from the ARES E-Letter of July 15, 2013

The heat is rising across the country. The high demands for electricity to keep cool are increasing the risk of areas experiencing blackouts or brownouts. Brownouts typically occur during heat waves due to heavy equipment coming online, short circuits, or electrical companies decreasing voltage in order to meet the needs of peak time. Blackouts occur when it is a complete power outage and can last from hours to weeks.

It's important that you take action now and prepare for the next time service interruptions occur in your area. Because the length of a power outage can vary from a few hours to several days, you need to plan to get by without utilities for at least three days. Not sure how to prepare? FEMA is here to help. Use FEMA's "Going Off Grid: Utility Outages" activity module to reference simple steps to get prepared for an outage. Some utility outage checklist items include:

- · Document important phone numbers and vital power company information
- · Locate and label your utility shutoffs

- · Follow energy conservation measures to keep the use of electricity as low as possible, which can help power companies avoid imposing rolling blackouts
- · Have your disaster kit ready and stocked

The "Going Off Grid: Utility Outages" activity module is part of FEMA's "Preparedness Activities for Communities Everywhere" tools, which educate individuals about relatively easy steps to take to become prepared for all types of hazards. The tools are designed for anyone to use in coordination with local emergency preparedness partners to help better prepare for emergencies. For additional tips on blackouts visit: www.ready.gov/blackouts

It may just be my imagination, but my perception of brownouts during extreme hot weather seems to be less in Ocean County this year. I'm not sure if this is due to enhancements/improvements from the power companies or the effect of alternate energy, such as solar, augmenting commercial power generation. The hottest part of the day is when the sun is beating down on us and that is also when solar from thousands of homes and schools are also feeding the grid and reducing the generation need. Perhaps the result is more stable power for all.

73 de WX2NJ

Bob Murdock

Ocean County Amateur Radio Emergency Service®

HCARC VE Report

This month we had our VE session on Wednesday evening July 10th. The session was attended by VE's Murray Goldberg KD2IN, Ed Picciuti W1EAP, John Roberts KQ4WR and Larry Puccio K2QDY. The group remained at the club house until 7:30 PM waiting for a walk-in candidate, but since there were none, we all went home at that time. This situation occurs from time to time, and we have discussed changing our profile from "walk-in's welcome" to preregistration candidates only. There are pros and cons about doing this, as in the past we have had as many as three walk-ins come to a session.

Big Dish in Wall Twp to Become Available

(from ARRL Letter July 18)

The InfoAge Science History Museum in Wall Township, New Jersey, plans to make a 60 foot tracking dish antenna available to hams for moonbounce, secondary to its function as a radiotelescope. It was on the InfoAge site, then part of Fort Monmouth, that the US Army's "Project Diana" team in 1946 first received radio signals bounced from the moon.

According to InfoAge's Martin Flynn, W2RWJ, Daniel Marlow, K2QM, an InfoAge board member who teaches physics at Princeton, wants to use the dish, currently under rehabilitation after being dormant since the 1970s, to pursue radio astronomy for instructional purposes. Marlow's primary goal is to restore the TLM-18 dish antenna to working order and use it to see the 21 centimeter radiation from the Milky Way. But he also wants to observe radio pulsars, and since that activity can be performed at 70 centimeters, the TLM-18 will be made available to the Amateur Radio community for EME at 432 MHz on a secondary basis.

The dish, adjacent to the Ocean Monmouth Amateur Radio Club's (OMARC) N2MO at InfoAge, offers a gain of 35 dBi at 465 MHz. Project Diana occupied the building housing N2MO, Flynn noted. The after-effects of Hurricane Sandy continue to hinder the dish rehab project; power on the InfoAge campus remains out since the storm last year, and the facility is running on generator power. "It has slowed down the efforts at putting the TLM-18 back into service but has not stopped them," Flynn said, noting that OMARC members have been behind the project from Day One. It's hoped the dish will be ready for service next year. -- Thanks to InfoAge and Martin Flynn, W2RWJ

Inverse Feedback

Please pardon my typo: In a photo caption in last month's issue, Joe Cuff's call was incorrectly listed as Q2KWP instead of W2KWP.

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 put the official logo and club name on your personal badge.

Our VE Crew

Murray [KD2IN](#) John [K2JWH](#), Paul [N2QXB](#),
Lawrence [WA2VLR](#), Dave [WA2DJN](#), Ed [W1EAP](#),
Larry [K2QDY](#), John [KQ4WR](#), Stan [KB2PD](#),
Steve [N2WLH](#), Kevin [W2FA](#) Walter [KC2LFD](#),

License exams are given on the second Wednesday of each month at Holiday City South Clubhouse, Bldg A, which is at the corner of Mule Rd. and Santiago Dr.

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

CLUB COMMITTEES

Refreshments: Ed Baranowski

Webmaster: Steve [N2WLH](#), Carl [W2PTZ](#)

Publicity: Ed [W1EAP](#)

Programs: Murray [KD2IN](#)

Sunshine: Dave [WA2DJN](#)

Field Day: Larry [K2QDY](#)

VE Sessions: Larry [K2QDY](#) & the crew

Skyhook: John Roberts [KQ4WR](#)

Fund Raising: vacant

Membership: Murray [KD2IN](#)

HOLIDAY CITY AMATEUR RADIO CLUB

Toms River, New Jersey

Web Site www.hcArc.us

President	Carl Lee	W2PTZ	732 575-7558
Vice President	vacant		
Secretary	John Hann	K2JWH	609 660-0985
Treasurer	Larry Puccio	K2QDY	732 349-2950
Executive Board	Len Bicher	N2LFT	732-269-8678
Executive Board	John Roberts	KQ4WR	732-350-1162
Executive Board	Ed Picciuti	W1EAP	732 736-0955
Executive Board	Don Smith	W2III	732 505-4821
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 \$30.00.

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 Dr. Turn into Santiago Dr., then into the parking lot in front of the pool. Enter bldg. On right.

The SKYHOOK is published monthly.

Editor and Publisher:

John Roberts [KQ4WR](#) phone: 732 350-1162 E-mail KQ4WR@arrl.net

Send all newsletter items to: John Roberts

7 Lincoln Ct. Whiting, NJ 08759-1505, or e-mail KQ4WR@arrl.net

The 2 Meter Band – It's not just for HT's

144.000-144.050 EME (CW)
 144.050-144.060 CW Beacons
 144.050-144.100 General CW and weak CW
 144.100-144.200 EME and weak-SSB
 144.100-144.300 Weak signal
 144.200 National calling frequency
 144.200-144.275 General SSB operation
 144.275-144.300 Propagation beacons
 144.300-144.500 OSCAR satellites
 144.500-144.600 Linear translator inputs
 144.510-144.890 FM repeater inputs
 144.600-144.900 FM repeater inputs
 144.900-145.100 Weak signal and FM simplex
 and Packet (145.01,03,05,07,09 are widely used
 for packet*)
 145.110-145.200 Linear translator outputs
 145.110-145.490 Repeater outputs
 145.500-145.800 Miscellaneous and experimental
 modes
 145.790 APRS packet
 145.800-146.000 OSCAR satellites
 146.010-146.385 Repeater inputs
 146.050-147.090 Repeater inputs
 146.400-146.570 Simplex
 146.445-146.450 Repeater outputs
 146.450-146.490 Repeater outputs
 146.520 National FM Simplex Calling Frequency
 146.535-146.600 Simplex
 146.610-146.985 Repeater outputs
 146.985-147.390 Repeater outputs
 147.420-147.440 Simplex
 147.445-147.450 Repeater inputs
 147.460-147.560 Simplex
 147.585-147.990 Repeater inputs

Notes: The frequency 146.40 MHz is used in some areas as a repeater input.

*145.010 is used for BBS's

For local repeater data, see www.ARSS-inc.org/

DECLASSIFIED *Ads*

For Sale

Icom IC-W32A FM HT for 2M & 440. With battery, belt clip, and antenna. Includes:

- Icom BP-173 Ni-Cd 2nd battery for full power.
- Icom BP-170 battery case for AA cells for emerg. power.
- ICOM wall charger, also car 12v cigar socket charging cable.
- Padded belt clip and lanyard clip protective soft carrying case.
- Icom 43 page manual plus pocket quick manual.

Specs: 5 W. output on 2M and 440. Plus 200 plus memory channels for Ham frequencies plus weather, avionics and other non-Ham frequencies. Fully featured functions that anyone could want.

Price: \$125.

Also

Universal Charger, Analyzer and Re-conditioner for any and all rechargeable batteries. (Including the HT's batteries above.) Powerex MH-C777 Plus II model.

Price: \$35. If purchased with the HT :\$20.

Contact Murray at 732 505 6860 or murrayKD2IN@comcast.net

For Sale

A complete Yaesu FT60R w/ brand new Ni-Mh one week old AA Battery pack, quick charger, lapel microphone/speaker, original manual, ADMS programing disk, & Nifty CARD.

Also

An AMERITRON AL-811 Linear amplifier, an MFJ 1272B mic switch, and a Mirage MP1 Power /SWR meter. Check reviews. This equipment was used by me and is working fine. Call Ed 732-736-0955

CQWW: The Rules Have Changed

The rules for the CQ WorldWide SSB and CW contests have been changed and simplified. Before you start, check out the revised rules at www.cqww.com so you won't be disappointed. The next CQWW is the CQWW SSB contest on Oct 26-27.

Collecting Islands and Lighthouses

Some people collect coins or stamps or antiques, but have you considered collecting QSL cards from lighthouses or islands?

Islands On The Air was created by Geoff Watts, a leading British short wave listener in 1964. In 1985, Geoff asked the Radio Society of Great Britain to take over the program's management. There are some 1000 islands worldwide that meet the criteria for IOTA status. Each island is assigned a number based on its continental location, i.e., Long Beach Island, N.J. is NA-111. The criteria for IOTA status is spelled out in the RSGB's IOTA Directory which can be obtained from the www.rsgbiota.org website. The directory lists, by continent, all the islands with their respective numbers, as well as program rules.

There are many islands of historical interest: Elba, EU-028 where Napoleon Bonaparte was first exiled, and Saint Helena, AF-022 where he died; Pitcairn Island, OC-044, where descendants of the HMS Bounty still reside; Norfolk Island, OC-005, which James A. Michener described in his "Tales of the South Pacific"; Islands of the World War II Pacific island-hopping campaigns, such as Tarawa, OC-017, Guam, OC-026, Saipan, OC-086 and Midway, OC-030, to name only a few. Some islands are sovereign nations, such as continental Australia, OC-001.

The IOTA Program offers certificates for working 100, 200, 300, 400, 500, 600 and 700 islands. In addition there are awards for each of the seven continental areas and Arctic Islands, British Isles, West Indies and finally, a World Diploma.

You can enter your QSL card data into the IOTA website and then generate and print a list of your island contacts which should be submitted along with your QSL cards to your IOTA checkpoint.

There's a similar organization for lighthouses. Check out these websites: www.rsgbiota.org and www.wlota.com

DX Reports

We enjoy seeing mid-month to mid-month dx reports. Here are the ones we received in July. By the way, our deadline is the 20th of each month, a few days earlier in February and December.

Joe Militano [KC2QLA](#) worked:

06/18/13	VE3SGB	20m SSB	Canada
06/29/13	VP2ETE	20m SSB	Anguilla
06/29/13	PY2DN	17m SSB	Brazil
06/30/13	NBoG/Hi3	20m SSB	Dominican Republic
07/02/13	YV6CR	20m SSB	Venezuela
07/03/13	EA8YB	10m SSB	Canary Islands
07/03/13	HC2AO	15m SSB	Ecuador
07/03/13	FG6DH	15m SSB	Guadeloupe
07/04/13	KG4To	17m SSB	Guantanamo Bay
07/04/13	DO4DXA	15m SSB	Germany
07/04/13	I5ZSS	15m SSB	Italy
07/07/13	ZD8RY	15m SSB	Ascension Island
07/07/13	LV8EEM	12m SSB	Argentina
07/09/13	OT4A	17m SSB	Belgium
07/11/13	PJ7FF	20m SSB	St. Marten

On QRP:

06/25/13	8C2AO	17m SSB	Austria
06/27/13	9A7R	20m SSB	Croatia

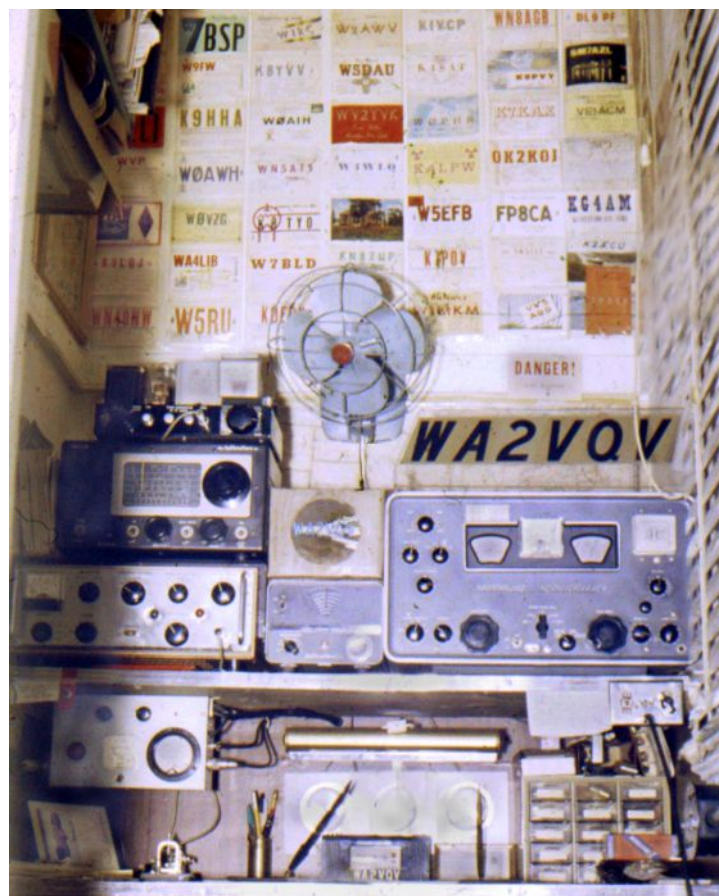
Russ Young [WA2VQV](#) worked:

EW1TZ	30m CW	Belarus
HH5/KCoW	30m CW	Haiti
5B4AFM/P	20m CW	AS-120 Cyprus
MJ/PA9JO	20m RTTY	Jersey
ES3AX	17m CW	Estonia
KG4TO	17m SSB	Guantanamo
SU9VB	17m SSB	Egypt
T46C	17m SSB	NA204 Isla Santa Maria Cuba
YV5EPM	17m SSB	Venezuela
CE1TT	17m RTTY	Chile
ZA/UA4WHX	17m RTTY	Albania

Hi All,

I came across this photo of my 1964 shack, in a closet just off the living room of our Brooklyn home. On the shelf is the EICO 720 XMTR, Hallicrafters HA-5 VFO and Hammarlund HQ 145X RCVR. On top of the EICO 720 is a Hallicrafters S53A RCVR and on top of that a 25W plate modulator (2 6DQ6Bs in push-pull) built from the 1961 ARRL handbook. Hanging under the shelf on the left is cabinet with the antenna switching relay, actuated by switching the EICO to XMIT, a muting circuit for the RCVR and an RF ammeter for antenna current. On the edge of the shelf at far right is a plate with headset jacks (2) and a switch for RCVR 1, RCVR 2 or both rcvrs at once. The fan was used when the door was closed (so as not to annoy family members watching TV in living room). It got REALLY hot in there with the door closed. On the desktop at far left is a Playboy calender and a left-handed Vibroplex Original bug. The pencil holder is a 37mm WWI artillery shell. Remember the clock in the middle? (Xmas present from Grandma). Mounted on the wall at far right underneath the window is the master switch that controls all the equipment. And that's the way it was in '64.

I think it was more fun setting it up than I had operating it. My antenna was a 1/2 wave 40 meter dipole up about 12 feet down the driveway and to the garage and that got replaced with a Gotham V80, 23 feet of Al tubing with a big inductor at its base. I had to climb out of our 2nd floor kitchen window to change taps. At the bottom of the then current sun spot cycle, neither was a very good DX magnet.



Dxpeditons For August, Sorted By Callsign:

73, Russ WA2VQV

WLOTA#	Start	End	Callsign	Bands	Modes	Entity	Grid	Miles	Degs	C/IOTA	ITU	CQ	QSL via
LH-0416	07/23	08/02	9A/007T			Croatia	JN83eh	4442	54	EU-016	28	15	
Gozo I	08/21	08/26	9H3MMM	40-10	All	Malta	JM76db	4616	62	EU-023	28	15	LotW
Gozo I	08/21	08/26	9H3NN	40-10	All	Malta	JM76db	4616	62	EU-023	28	15	LotW
LH-0082	08/18	08/25	AE1C/VE9			Grand Manan I	FN64no	493	47	NA-014			
LH-2803	07/13	08/09	DU9/PA3GZU			Mindanao I	PJ36cg	8990	333	OC-130	50	27	
LH-0453	08/13	09/09	GW100RSGB			Wales- main I	IO81jl	3379	51	EU-005	27	14	
.	08/03	08/23	KH6/F4GHS	80-10	S	Hawaii	AL61ch	5467	289	OC-019	61	31	FoGAZ
LH-0818	08/02	08/09	MJ/OT9Z	160-6	CPRS	Jersey	IN89ve	3467	54	EU-013	27	14	ON8ZL
LH-2123	08/05	08/10	MM1REK			Cairns of Coll	IO66sq	3173	45	EU-008	27	14	
LH-2972	07/26	08/02	MM3KBU			Scotland	IO67jh	3139	44	EU-010	27	14	
Tasillaq	07/20	08/01	OX3LX	80-6		Greenland	HP15eo	2279	27	NA-151	5	40	OZ1PIF
Kangerlussuaq	08/16	08/20	OX5YL	160-6		Greenland	GP47pa	2076	18	NA-018	5	14	PA5YL
.	07/29	08/09	OY/DL3UB	30,17,12	C	Faroe Is	IP63oa	3118	36	EU-018	18	14	DL3UB
LH-0588	08/10	08/23	SD7V			Oland	JO86hv	4002	40	EU-037	18	14	
LH-4103	08/29	09/09	SV8/PA1FJ			Chios I Greece	KM38aj	5047	54	EU-049	28	20	
LH-1400	08/12	08/21	SV9/ON6DSL	40-15	S	Nisos Kriti	KM25lf	5135	57	EU-015	28	20	ON6DSL
LH-1812	08/03	08/04	TO1PF	80-10	All	Reunion/Sein I	LG78us	9244	82	AF-016	53	39	FR1GZ
LH-1118	07/27	08/03	V29SH	80-10		Antigua	FK97cc	1747	151	NA-100	11	8	LotW
.	07/09	08/10	V47JA	160-6,60	DS	St Kitts & Nevis	FK87pg	1713	153	NA-104	11	8	LotW
LH-0924	08/02	08/05	W1T			Thatcher I	FN42rp	266	45	NA-148			
LH-3913	08/04	08/10	W4OTN			Hattaras	FM25fg	333	193	NA-067			
Mode code: C = CW, D = Digital, P = PSK, R = RTTY, S = SSB, T = SSTV													