



The SKYHOOK



HOLIDAY CITY AMATEUR RADIO CLUB

www.hcarc.us

JULY 2013

Toms River, NJ

No July 4 Meeting

Our normal meeting place will be closed on July 4 in honor of Independence Day, so **there will not be a regular monthly HCARC meeting in July. License exams (July 10 at 7 pm) and all other HCARC activities will continue on schedule.**

Our Next (August 1) Meeting

The topic for our next meeting, which will be August 1, will be what our first station was (or is) like. For some of us, it was scratch-built from parts given to us and a long wire. For others, it was a Collins AM rig and a dipole. For others, it may be a modern Icom rig and an MFJ super-Q loop. So bring photos. We want to hear from you.

Birthdays & Anniversaries

Happy Birthday to:

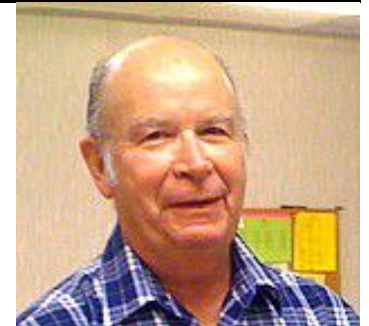
John Hann
Lucille Hann
Paul Hansen
Carl Lee
Norm Smith
Stan Stefiej



Happy Anniversary to:
John and Lucille Hann
Larry and Grace Puccio



The President's Message



. As I write this Summer has arrived. We had great weather for Field Day. It was a little warm and humid in the morning for setup but once event started it was nice under the pavillion. We set up two stations, one on 40 and one on 20. This year we used two inverted vee dipoles built by Dave wa2djn supported by 24 foot masts. The bands were extremely crowded and not in the best of shape but improved somewhat as the day went on.

I would like to thank the members who participated in the event: Murray kd2in, Stan kb2pd, Ed w1eap, Doug kc2tzc, Ira n2rkv, Joe w2kwp, John kq4wr. Ed and Carl provided the rigs and associated equipment.

I especially want to thank Joe Cuff for the use of his generator and John and Doug for getting it and taking it back, and Dave for building the antennas.

Due to the next club meeting falling on July 4th and the Clubhouse closed, we will not have a meeting in July. The next meeting will be August 1st. The program will be on setting up your first station. So please come with your ideas on what is needed for the first station.

I hope everyone has a safe and happy summer.

73,
Carl

w2ptz

NEXT MEETING:

Thursday August 1 at 7:00 PM
Rm. #1 Holiday City SouthClubhouse
Mule Rd. at Santiago Drive
Toms River, NJ 08759

Ocean County ARES® News

From the June 20, 2013 ARRL Letter:

Rules Change Sought to Permit Encryption of Sensitive Emergency Communications

The FCC is inviting public comments on a proposal from a Massachusetts ham to amend the Part 97 Amateur Service rules to permit the encryption of certain amateur communications during emergency operations or related training exercises. On June 7 the FCC accepted for filing a Petition for Rulemaking (RM-11699) from Don Rolph, AB1PH, and put it on public notice. It will remain open for comment until July 8. Rolph petitioned the Commission in March to suggest an additional exception to part 97.113, which currently prohibits "messages encoded for the purpose of obscuring their meaning."

"As such, encryption cannot be effectively supported by the Amateur Service," Rolph told the FCC in his PRM, "and this restriction has impacted the relationship of Amateur Radio volunteers and served agencies and significantly limited the effectiveness of amateurs in supporting emergency communications." He pointed out that Part 97 already relaxes its encryption prohibitions with respect to satellite control link communications and model craft radio control.

In his petition Rolph suggested excepting "inter-communications when participating in emergency services operations or related training exercises which may involve information covered by HIPAA (medical privacy requirements) or other sensitive data, such as logistical information concerning medical supplies, personnel movement, other relief supplies or any other data designated by Federal authorities managing relief or training efforts."

Commenters may use the FCC's Electronic Comment Filing System to comment on RM-11699 online.

I recently became aware that the National Weather Service (NWS) in New Jersey does NOT use Skywarn Spotter rainfall data in reports. Instead the NWS uses rainfall data from an organization known as the Community Collaborative Rain, Hail and Snow Network or "COCORAHS." You will see this as the source of rainfall data in storm reports after the area experiences severe weather. I had to ask my self why I was wasting my time submitting spotter rainfall amounts when my data was not being utilized? Don't get me wrong. Skywarn is still a good organization, but if you want to take a more active roll in reporting rainfall along with snow and ice in the Winter, I encourage you to check out the website at

www.cocorahs.org

There is a section listing Training Slide-Shows and another section for videos. Take a look at them. I've been to almost every type of Skywarn Spotter Training that Mount Holly has to offer for the past 15 years and these slide-shows give far more information on measuring rain, snow and ice than any Skywarn session. The organization was started in 1998 after an unsuspected rainfall of over 12 inches fell on Fort Collins, Colorado and some concerned parties wanted to know why they did not receive a better warning. If you join the network you are asked to purchase a standard 4 inch rain gauge, which is available at a reduced price via a link on cocorahs. You can also get the gauge through Amazon. Participants are asked to commit to reading their gauge daily, usually at 7:00 AM and reporting the data via the website in a very easy to fill in form. The NWS started using COCORAHS data in New Jersey in 2009 and I see the recent trend to accept nothing but COCORAHS data.

I was always a believer that my expensive, electronic rain sensor attached to my Peet Ultimeter Weather Station was very accurate, but the manual gauge has proved my auto data to be reading too high. This is one reason why COCORAHS insists on manual readings and not automatic equipment.

73 de WX2NJ

Bob Murdock

Ocean County Amateur Radio Emergency Service® E C

Field Day Report

The temperature was warm, not nearly as hot as in previous years, with a gentle breeze, and no rain. band conditions were perfect. So why didn't we work as many stations as last year?

Part of the answer is that the bands were too crowded at the hours we were there. We blamed that on the good weather. Of course, we missed Larry Puccio, who was touring Europe was his wife, and Dave Ottenberg, who was recovering from a heart attack.

On the other hand, we were happy to have new members Doug Poray and Ira Dechowitz participating.



Wire dipoles for 20 and 40 meters



Joe W2KWP & Doug KC2TZK of HCARCP&L



Murray KD2IN and Carl W2PTZ ran the 20 meter SSB station

Internet and e-Mail Address Links

Internet addresses and most callsigns in SKYHOOK are now hyperlinks. If clicking on the link does not bring up the web site, copy the address and paste it into your search box.

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](#), 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	732 237-2421
Vice President	vacant		
Secretary	John Hann	K2JWH	609 660-0985
Treasurer	Larry Puccio	K2QDY	732 349-2950
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:

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Send all newsletter items to: John Roberts
7 Lincoln Ct. Whiting, NJ 08759-1505, or e-mail KQ4WR@arrl.net



Ira N2RKV and Joe Q2KWP at the 40 meter station



Stan KB2PD and Murray KD2IN taking a break



Joe W2KWP, Doug KC2TZC, and Ed W2EAP at the 40 meter station.

6 Meters (50-54 MHz)

“The Magic Band”

50.0-50.1 CW, Beacons (CW ONLY)

50.060-50.080 Beacon subband

50.1-50.3 SSB, CW

50.10-50.125 DX window

50.125 SSB calling

50.3-50.6 All Modes

50.6-50.8 Nonvoice communications

50.62 Digital (packet) calling

50.8-51.0 Model Airplane Control (10 chans)

Please stay off these channels

51.0-51.1 Pacific DX Window

51.12-51.48 Digital Repeater Inputs (19 chans)

51.12-51.18 Digital repeater inputs

51.5-51.6 Simplex (six channels)

51.62-51.98 Digital Repeater outputs (19 chans)

51.62-51.68 Digital repeater outputs

52.0-52.48 FM Repeater Inputs (except as noted; 23 chans)

52.02, 52.04 FM simplex

52.2 Repeater testing (input)

52.5-52.98 FM Repeater Outputs (except as noted; 23 chans)

52.525 Primary FM simplex

52.54 Secondary FM simplex

52.7 Repeater testing (output)

53.0-53.48 Repeater Inputs (except as noted; 19 chans)

53.0 Remote base FM simplex

53.02 Simplex

53.1, 53.2, 53.3, 53.4 Model control (4 chans)

53.5-53.98 Repeater Outputs (except as noted; 19 chans)

53.5, 53.6, 53.7, 53.8 Model control (4 chans)

53.52, 53.9 Simplex

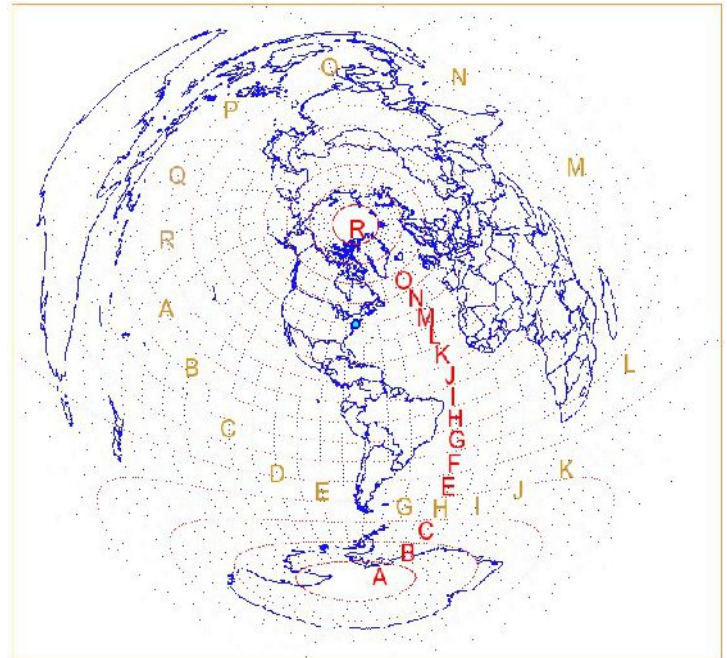
How's DX

From: MAY 15th.through JUNE 14th **Russ, WA2VQV** worked:

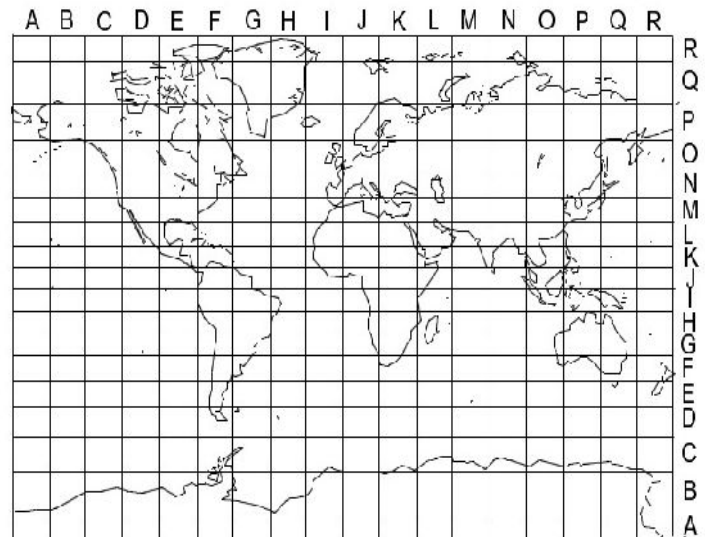
Band	Mode	Call Sign	Entity	GridSq
20M	CW	4A2I	Mexico	DL44ud
20M	CW	GB75FOC	England	IO91
20M	CW	KH2L	Guam	QK23
20M	CW	MoRSE	England (FOC)	IO91
17M	CW	4A2I	Mexico	DL44ud
17m	CW	GS4FOC	Scotland	IO86
17M	CW	MDoCCE	Isle of Man (FOC)	IO74
17M	CW	FJ/K5WE	St. Barthelemy	FK88
17M	CW	H7oORO	Nicaragua	EK72
17M	CW	HP1/IZ6BRN	Panama	FJo9ja
17M	CW	ISoFOC	Sardinia	JM49
17M	CW	NP2KW	US Virgin Is	FK77pr
17M	CW	SV2ASP/A	Mt Athos	KN2ocg
17M	CW	TM8YT	France	IN95
17M	CW	TM75FOC	France	JN18
17M	CW	VP9FOC	Bermuda	FM72ph
15M	CW	KH2L	Guam	QK23
15M	CW	TM75FOC	France	JN14
15M	CW	VP2V/K6TOP	Br Virgin Is	FK78
12M	CW	5B75FOC	Cyprus	KM65
12M	CW	A45XR	Oman	KL63
12M	CW	GB75FOC	England	IO91
12M	CW	GS4FOC	Scotland	IO86
12M	CW	TM75FOC	France	JN14
20M	SSB	E77DX	Bosnia-Herz	JN84
20M	SSB	IW1GGR	Italy	JN44

20M	SSB	UT7UU	Ukraine	KO50
17M	SSB	MJ/ON6NB	Jersey	IN89
12M	SSB	HD8A	Galapagos	EI49

Note: The British First Class Operators club was doing a special event, hence the FOC suffix to their callsigns.



To locate a grid square in the polar plot above, find the first character of the grid square as a brown letter, then find the second character as a red letter. Try finding our FM square. Note that each brown letter covers two crescents of ten degrees, while each red letter covers only ten-degrees



July DXpeditions

Callsign	Bands	Modes	Entity	Grid	Miles	Degs	C/IOTA	ITU	CQ	QSL via
5R8NE	40-10	S	Madagascar	LH46cr	8516	79	AF-057	53	39	IK2DUW
6V7S	HF	.	Senegal	IK14iq	3831	100	AF	46	35	RK4FF dir
9G5AA	HF	All	Ghana	IJ95vp	5125	96	AF	46	35	PB2T
C91GBA	.	S	Mozambique	KG65lk	8173	100	AF	53	37	EA4GBA dir
C91GR	40-10	C	Mozambique	KG64ot	8207	100	AF	53	37	ZS6AYU
FO/UT6UD	30-10	CRS	Marquesas	CI0ohn	5373	246	OC-027	63	31	UT6UD
FO/UT6UD	30-10	CRS	Austral Is	BG47hr	6558	245	OC-050	63	32	UT6UD
FP/KV1J	160-6	CPRS	StPierre&Miq.	GN16uv	1017	56	NA-032	9	5	LotW
FS	HF	Multi	St Martin	FK88lb	1653	153	NA-105	11	8	see note
H40IOTA	80-10	CS	Temotu	RH39dq	8229	281	OC-163	51	32	NR6M
H44IOTA	80-10	CS	Solomon Is	RH29vg	8271	281	OC-100	51	28	NR6M
H44IOTA	80-10	CS	Solomon Is	RH38ki	8257	280	OC-163	51	28	NR6M
HH5/KCoW	160-6	C	Haiti	FK39ow	1386	176	NA	11	8	KCoW dir
K79GV	HF	S	Dominica	FK95hn	1855	152	NA-101	11	8	LotW
LX/OO6P	HF	PRS	Luxembourg	JN39bo	3808	51	EU	27	14	ON6ZV
OJoV	HF	CS	Market Reef	JP90nh	3983	36	EU-053	18	15	ON8VP
OX3LX	HF+6	.	Greenland	HP15eo	2279	27	NA-151	5	40	OZ1PIF
OY/DL3UB	WARC	C	Faroe Is	IP63oa	3118	36	EU-018	18	14	DL3UB
PJ2/ON6DX	6+20-10	CRS	Curacao	FK52mc	1951	169	SA-099	11	9	LotW
PJ4D/DL1DI	.	.	Bonaire	FK52th	1945	168	SA-006	11	9	F5SWB dir
PJ7	HF	Multi	Sint Maarten	FK88lb	1655	153	NA-105	11	8	see note
TU5DF	40-6	C+PS	Cote d'Ivoire	IJ85bg	4950	99	AF	46	35	F5SWB
V29SH	HF		Antigua	FK97cc	1747	151	NA-100	11	8	LotW
V47JA	160-6,60	DS	St Kitts & Nevis	FK87pg	1713	153	NA-104	11	8	LotW
VK9DAC	80-10	S	Christmas I	OH29tm	10404	0	OC-002	54	29	see note
VQ93JC	HF	.	Chagos	MI62eq	9386	51	AF-006	41	39	ND9M
XWoYJY	160-2	C	Laos	OK17hw	8433	4	AS	49	26	LotW
YN2RP	40-10	CPRS	Nicaragua	EK71aw	2065	203	NA	11	7	NN3RP dir

Callsigns are in alphanumeric order.

NOTE: Sint Maarten & St Martin stations will be PJ7/AF6KJ, PJ7/AF6WU, FS/AF6KJ & FS/AF6WU.

NOTE: Christmas I QSL: Yarra Valley Amateur Radio Group
248 Johnston Street Abbotsford Victoria 3067 Australia