

The SKYHOOK

HOLIDAY CITY AMATEUR RADIO CLUB



www.hcarc.us

February 2015

Toms River, NJ

Our February Meeting



The typical American home uses dozens of batteries. They seem to be everywhere. They're in our cars, clocks, TV remotes, radios, watches, flashlights, emergency lighting, smoke alarms, cell phones, computers, cameras, etc.

Electric cars and solar power systems have spurred the development of new designs as well as great improvements in old ones. So, after a short business meeting, some refreshments and fellowship time, let's share what we've found out about batteries.

Birthdays And Anniversaries

Happy Birthday to:

Warren Keay, KC2SSQ

Carl LeFevre WA2IQE



Happy Anniversary to:

Fred Fanizzo K2KHH

Murray KD2IN and Shirley Goldberg

Carl WA2IQE and Harriet LeFevre

Ken WA2OKZ and Lorraine KD2CFO Pietrucha

John KD2HWR and Nancy Rogers



Navassa Island DXpedition



Some very rare entities are now becoming a reality. Even Iran is being worked. (Green Bank WV, population 143, has 30 hams. Iran, population 80 million, has only 13.)

But Navassa is number one or two on the Most Wanted lists. We hams in New Jersey have a really good chance to work this rare one, as it's not that far away. Just remember to listen, listen, listen, and never transmit on their frequency.

[From a Navassa Expedition News Release:]

The K1N Navassa DXpedition team hopes to be on the air with up to eight stations, offering a "once in 32 years" opportunity to work the most-wanted DXCC entity. It's been 22 years since the last Navassa operation, and the US Fish and Wildlife Service (USFWS), which is responsible for the island, will not permit another operation for at least 10 more years. The team said its exact departure date will not be determined until the last minute and will depend on the USFWS and on weather conditions. The team will arrive at its staging point a few days before the earliest possible departure window and will be ready for rapid deployment to Navassa.

"As soon as the USFWS has landed on the island and declared it is safe to proceed, we will start the helicopter flights and commence operations," the K1N team said this week in a media release.

"We hope to have a basic camp established by the end of the first day, and, if things go extremely well, we hope to have several stations on the air by nightfall on the second day," the K1N media release said. The K1N team will take along a VHF/UHF transceiver and an Arrow antenna in the hope of making some satellite contacts via FO-29. AMSAT has provided the DXpedition with a Yaesu FT-817 transceiver and associated equipment, as well as pass predictions, an operational plan, and training.

The K1N stations will always operate split frequency, listening up or down, depending upon the band plan. Stations should avoid transmitting on the DXpedition's frequency. [End of news release].

If you missed the DX forum last month, see page 5.

OUR NEXT MEETING:
Thursday February 5 at 7:00 PM
Bldg A, Meeting Rm. #1
Holiday City South Clubhouse
Santiago Drive at Mule Road
Toms River, NJ

Ocean County ARES® News



The next meeting of Ocean County ARES will be on February 18th, 2015 at the Ocean County EOC, Robert J. Miller Airpark, Berkeley Township. The meeting starts at 7:00 PM. There will be no training net held that evening due to the meeting.

As I sat here putting this document together, the mail was delivered and the ARCC finally sent the final Certificate of Coordination for the 145.170 MHz, WA2RES repeater in Manchester. It only took 3 years to get it. There is still no word on the 70 cm frequency pair for the Harvey Cedars D-Star repeater from the ARCC. It's interesting how ARCC processes dozens of requests for the W3BXW system every year, but we can't get a single request processed.

While on the subject of D-Star, I encourage everyone to try out the "Ratflector" put together by Keith – KC2OON. It is linked to the temporary Ocean County ARES D-Star repeater at the Ocean County EOC on 444.500 MHz, +5 MHz (WA2RES/R). All it takes to get started is download the D-Rats program from the Internet and plug in a few parameters in the setup and you then have the capability to chat or send messages with other Ocean County ARES operators. We are also going to monitor the Ratflector during ARES training nets and pass on any comments from the chat section to the voice net. If you can't make it into the repeater, but can monitor the output, this is a good way to check into the net and be heard.

Keith has spent a lot of time putting this all together and it runs on a simple Raspberry Pi computer drawing very little current from a 5 VDC source. D-Rats can be configured to be linked to the Internet via a unique IP or you can gain access via RF if you have a D-Star radio in range of the EOC repeater. Once the repeater is installed at Harvey Cedars with a decent antenna, the system will become even more functional. The D-Rats program will be covered in detail at the February 18th ARES meeting, so if you have questions, bring them to the meeting!

The US Coast Guard Auxiliary Flotilla 16-01 and OMARC will be hosting a "Hamcram" session at the Bayville First Aid Squad on Saturday, February 28th from 9:00 AM until 3:00 PM. There will be a VE session at 1:00 PM to test anyone wanting to try for their license. Information on the class is available at: <http://www.njct.us>

73 de WX2NJ

Bob Murdock

Ocean County Amateur Radio Emergency Service® EC

"Skip" Arey, Our New SM

Thomas J, "Skip" Arey N2EI of Beverly NJ is now the ARRL Section Manager of SNJ (Southern New Jersey), replacing George Strayline, W2GSS.

Skip is a noted DXer who seems to prefer CW.

Cocos Island Activation

Cocos Island (not Cocos Keeling) is an island off the coast of Costa Rica. It is a Costa Rican national park. **It ranks 26th on Club Log's Most Wanted List**, so 3 hams intend to be there later this month to operate 160-10m on CW, SSB & RTTY. This should be another relatively easy one for New Jersey hams to work.

See February QST page 93 or www.nielsen.net/ti9a for details.

If you missed the DX forum last month, download the "New DXer's Handbook" (it's free) on the Internet at www.K7UA.com.

The First YL

K2TQN's Oldradio Column™ January 2015 Volume 2015, Issue 1

by John Dilks oldradio@comcast.net

"What did she look like?"

The answer came in the October 1922 QST column, "Who's Who in Amateur Wireless." The column featured her photo and started by saying, "Ahh! At last! The Ladies' Number of Hooshoo!"

You know, gang, we have been wondering all this time what these YL's look like and now after years of pestering we have got them to come across with enough dope to introduce themselves."

(The column also profiled Miss Winifred Dow, 7CB, from Tacoma, Washington.)

She was good friends with Elizabeth Zandonini, 3CDQ, of Washington DC, another well-known YL. Like many hams, they worked together on radios and were active in Baltimore area clubs.

While certainly not the first female ham radio operator, M. Adaire Garmhausen, 3BCK, is the first "YL," and she was an excellent example. It all came about when she submitted an article to QST, "How to Build a Wireless Station," in early 1920. She received a letter back on the official ARRL QST letterhead from Edwin C. Adams. It was dated May 13, 1920 and read:

Miss M. Adaire Garmhausen,

516 W. 27th St.,

Baltimore, Md.

My Dear YL:

We have had to coin a new phrase for your benefit as you will readily see that OM will not fit and OL would certainly be most inapplicable. Thank you very much indeed for

your most amusing history of the trials and tribulations of a lady ham. We will be very pleased to present this to the radio fraternity in an early issue of QST.

Again thanking you and assuring you of our best wishes, we remain Sincerely yours,

THE AMERICAN RADIO RELAY LEAGUE

By E. C. Adams (signed)

Her article was published in the July 1920 issue of QST. She became quite a celebrity, both in Baltimore and in Hartford. She was an excellent operator and many a local, single, young ham became smitten with her good looks and radio abilities. A second article, "Breaking Out," was published in May 1921 QST.



By courtesy of A.R.R.L.

Miss M. Adare Gamhausen, an active American wireless enthusiast. Her station is 3 BCK. She is the author of constructional articles published in America.

Internet and e-Mail Address Links

Internet addresses and most call signs in The SKYHOOK are hyperlinks to web sites or email addresses. If clicking on the link does not bring up what you want, copy the address and paste it into your search box.

Our VE Crew

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

License exams are given at 7pm 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. Call Larry Puccio, [K2QDY](#), at 732-349-2950 for information.

Directions: From either Route 37 W or Davenport Road, take Mule Road to Santiago Drive. Turn into the parking lot from Santiago Drive, and park near the pool. Enter the building nearest the intersection.

CLUB COMMITTEES

Refreshments:

Webmaster: Steve [N2WLH](#)

Publicity: Ed [W1EAP](#)

Programs: Lawrence [WA2VLR](#)

Sunshine: Dave [WA2DJN](#)

Field Day: Larry [K2QDY](#)

VE Sessions: Larry [K2QDY](#) 732-349-2950 & the crew

Fund Raising: vacant

Membership: Doug [KC2TZC](#)

HOLIDAY CITY AMATEUR RADIO CLUB

Toms River, New Jersey

Web Site www.hcarc.us

President	John Roberts	KQ4WR	732-350-1162 ext 33
Vice President	Tom Chicino	KC2RSE	732 240-7395
Secretary	John Hann	K2JWH	609-660-0985
Asst Secretary	John Rogers		732 269-5717
Treasurer	Larry Puccio	K2QDY	732 349-2950
Executive Board	Larry Loscalzo	WA2VLR	732 431-9082
Executive Board	Doug Poray	KC2TZC	732-928-2316
Executive Board	Tony Kuzinski	KD2GSO	732-930-5779
Executive Board	Murray Goldberg	KD2IN	732-505-6860
W2HC Trustee	Kevin Wagner	W2FA	732 279-0532

Membership is open to all interested persons. Ham license is not required. Dues are \$25.00 per year, payable Jan 1st. Members joining during the year will have the dues prorated. Family membership \$30.00 per family.

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: From either Route 37 W or Davenport Road, take Mule Road to Santiago Drive. Turn into the parking lot from Santiago Drive and park near the pool. Enter the building nearest the intersection.

The SKYHOOK is published monthly.

Editor and Publisher:

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[Continued from page 3, column one]

By 1922 she was already into more ham radio activities than most of us will ever do in a lifetime. QST editors, and many others, were trying to find out more about her and wondered, From Who's "Who in Amateur Radio," QST, Oct 1922 Miss Marion Adaire Garmhausen hardly needs any introduction as most of us have heard of her in one way or another.

She admits she was born May 28, 1899, but swears she does not look a day over sixteen. Being a telegraph operator by trade, she went to wireless school just after the war and found a QST somebody had left lying about (careless!). Our budding Y. L. says she was struck by the spirit of the organization and wrote Mr. Duvall, whose name she found in the magazine, for further particulars. His reply harmonized exactly with the spirit of the magazine.

When she put in her first set the reigning forces offered her every discouragement known to mankind, so she retired to her shell. Her articles in July 1920 QST ("How to Build a Wireless Station") and May 1921 ("Breaking Out") tell in her own words of her experiences in getting started, so any attempt on our part to repeat the tales of woe would at best be infringing on her original masterpieces. 3BCK (for that is her call) remained in her shell until the organization of "The Radio Condenser," sometime Third District organ, when the remorseful crowd invited her to join them. And she was not merely decorative, either—she was of real help on the "Condenser;" and she likewise was an active force in the planning and management of the hugely successful Third and Fourth District Convention in Washington last February.

However, they say she doesn't often venture out thusly. No ham has ever laid eyes on her station, despite sundry pleadings, and she swears "no ham ever shall until I get darn good and ready to let him." Ain't it like a woman! She admits her room "looks more like a blacksmith's shop than a young lady's 'boojwar,'" and in view of all of this discouragement we have given up hopes of having a photo of 3BCK in our "Amateur Radio Stations" department.

In spite of all her modesty we find that Miss Garmhausen holds two certificates in electrical engineering and is working for the last one necessary to get a diploma. We know she has been an ardent booster of the League and always will be, and it is her ambition some day to have to move to some place where her set will be able to fill a necessary place in A.R.R.L. relays.

UPDATE: I am continuing this story about 3BCK with information I later learned. She lived in Baltimore her entire life and never married. She turned 103 years old in June 2002 and was still active in her church. She became a SK in November, 2002. —K2TQN



Adaire Garmhausen at 102, still an attractive and active lady.

oldradio@comcast.net [Printed by permission]

For Your Calendar

Our regular monthly club meeting is always the first Thursday of each month unless the building is closed for a holiday. The February club meeting is February 5, at 7pm.

Some members meet for noon lunch at the Holiday City Diner on Mule Road every other Monday. The dates in February are Feb. 2 and Feb. 16. All club members and their friends and relatives are invited to this "noon get-together".



Three Chinese Buffet dates are scheduled for 2015:

April 8, July 8, and October 14. All are at noon on Wednesdays.



Our Volunteer Examiners give license exams on the second Wednesday of each month at 7 pm. The next one will be February 11. Please call Larry Puccio, 732-349-2950 for information.



The Ocean County ARES group meets on the third Wednesday of each even-numbered month at 7pm at the Emergency Management office at Miller Air Park, so this month's meeting will be February 18. Contact Bob Murdock, WX2NJ for information.

Ray Lauterbach KC2GKN On The Air

By John Roberts, KQ4WR@arrl.net.

I telephoned Ray Lauterbach KC2GKN recently. He's living at Cedar Crest in Pompton Plains, NJ. That's just South of Route 23, just West of I287, in grid FN20ux.

He said he uses an HT, with a Moxon antenna aimed at a window, to work the 2 meter repeater in Wanaque.

(For an example of a Moxon for 2 meters, see <http://www.moxonantennaproject.com/wb5cxc/wb5cxc.htm> .)

I'm sure he'd love to hear from his other friends.

You can contact Ray at (973) 835-1651, kc2gkn@gmail.com, or snail-mail him at 213 Hillside Crossing, Pompton Plains, NJ 07444-2174.

Our Dues Are Due



The Duesy is here to remind us that our dues are due. You can pay at the February meeting (cash or check), or mail a check for \$25 payable to HCARC to:

Larry Puccio, 22 Sabinas Street, Toms River, NJ 08757-6153

DX Reports



Joe Militano



Russ Young

From December 23 to January 14, Russ Young,

WA2VQV worked:

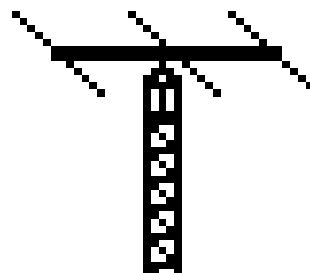
CALLSIGN	DATE	BAND	ENTITY	GRID	DIR
	TIME	MODE		C/IOTA	MILES
W1AW/KH6	Dec 23	15	Hawaii	BK29	W
	2058Z	CW		OC-019	4896
W1AW/KH6	Dec 23	10	Hawaii	BK29	W
	2106Z	RTTY		OC-019	4896
CT1FIU	Dec 27	12	Portugal	IN50	ENE
	1545Z	RTTY		EU	3459
HA3FTA	Dec 27	12	Hungary	JN96	NE
	1608Z	CW		EU	4522
TG9GJG	Dec 31	30	Guatemala	EK44	SW
	0110Z	CW		NA	1910
PY0F/PP1CZ	Jan 14	20	Fernando De Noronha	HI36	SE
	2132Z	CW		SA-003	4026
CU2AP	Jan 14	30	Azores	HM77	ENE
	2155Z	RTTY		EU-003	2664

From December 14 to January 13, Joe Militano,

KC2QLA worked (all SSB):

CALLSIGN	DATE	FREQ	ENTITY	GRID	DIR
PT7ZT	Dec 14	28.505	Brazil	HI06	SE
KP2DX	Dec 14	28.460	Virgin Is.	FK78	SSE
VE7XT	Dec 14	28.460	Canada	CN88	WNW
CW1DC	Dec 14	28.476	Uruguay	GF15	SSE
CU7MD	Dec 21	24.935	Azores	HM78	ENE
UX3IZ	Dec 23	21.300	Ukraine	KO50	NE
ON175PD	Dec 23	28.480	Belgium	JO20	NE
IK2YCW	Dec 28	21.315	Italy	JN61	ENE
EA7IVN	Dec 30	28.444	Spain	IN80	ENE
YO555BU	Jan 01	24.980	Romania	KN34	NE
9A3W	Jan 01	24.965	Croatia	JN75	NE
E77DX	Jan 01	21.304	Bosnia-Herzegov.	JN84	NE
CT3MD	Jan 01	28.490	Madeira Is.	IM78	ENE
FG5GP	Jan 01	21.313	Guadeloupe	FK96	SSE
CO8LY	Jan 07	21.297	Cuba	EL20	SSW
F4WBN	Jan 09	28.490	France	JN18	NE
HA0NAR	Jan 09	28.453	Hungary	JN97	NE
RZ3DW	Jan 09	21.318	European Russia	KO84	NE
DJ90IARU	Jan 09	21.345	Germany	JO31	NE
HB9DQL	Jan 11	21.338	Switzerland	JN37	NE
EA9KB	Jan 11	28.490	Ceuta & Melilla	IM75	ENE
YU1EA	Jan 12	28.490	Serbia	KN04	NE
SV3AQR	Jan 12	28.395	Greece	KM18	NE
LY1G	Jan 12	24.936	Lithuania	KO24	NE
S51F	Jan 12	28.471	Slovenia	JN84	NE
OE8SKQ	Jan 12	28.395	Austria	JN88	NE
OM5XX	Jan 13	28.448	Slovak Rep.	JN89	NE

The New DXer's Handbook - Free!



If you missed the DX forum last month, download the

"New DXer's Handbook" from the Internet at

www.K7UA.com.

DX Opportunities For February

MCS	DIR	C/IOTA	BAND	MODE	BEGIN	END	ENTITY	CALLSIGN	QSL VIA
OK30	N	AS			Feb 21	Feb 22	Vietnam	3W3B	LoTW
KI95	ENE	AF	80-10	CW SSB	Feb 16	Mar 08	Kenya	5Z4	DF3FS
IK15	E	AF	HF	CW	Jan 10	Feb 05	Senegal	6W7SK	LotW
KH75	E	AF	160-6	CW SSB RTTY	Jan 26	Feb 06	Malawai	7Q7VW	DK2WV
ON80	N	AS			Feb 21	Feb 22	China	BD1IJ	LoTW
FL15	S	NA-001			Feb 21	Feb 22	Bahamas	C6AKQ	N4BP
FL15	S	NA-001			Feb 21	Feb 22	Bahamas	C6AUM	K4RUM
FL15	S	NA-001			Feb 21	Feb 22	Bahamas	C6AWN?	NX4N
FF07	S	SA-005	160-10		Feb 24	Mar 04	Juan Fernandez	CE0Z	LotW
FK96	SSE	NA-102	HF	SSB Dig	Jan 27	Feb 01	Guadeloupe	FG	LotW
FK96	SSE	NA	HF	SSB Dig	Feb 02	Mar 30	Guadeloupe	FG	LotW
FK94	SSE	NA-107	160-10	SSB CW DIG	Feb 13	Feb 14	Martinique	FM	home
BH43	WSW	OC-067	HF		Feb 15	Feb 24	French Polynesia	FO	K8PGJ
GN16	ENE	NA-032	160-6	SSB RTTY cw psk	Feb 26	Mar 10	St Pierre & Miquelon	FP	KV1J
RI00	WNW	OC			Feb 01	Feb 28	Solomon Is	H44MS	DL2GAC
FK38	S	NA-096	160 80 40	CW	Jan 11	Feb 03	Haiti	HH5	KC0W Direct
FK38	S	NA-096	160 80 40	CW	Jan 12	Feb 03	Haiti	HH5	KC0W Direct
FK58	S	NA-096			Feb 21	Feb 22	Dominican Rep	HI3K	KB2MS
EK64	SSW	SA-003	WARC 160-10	RTTY	Feb 17	Feb 25	Honduras	HR5	LotW
FK92	SSE	NA-024, +	160-10	SSB CW DIG	Feb 06	Feb 09	Grenada	J3	home
FK92	SSE	NA-025		CW Dig	Jan 31	Feb 28	Grenada	J38GA	LotW
FK93	SSE	NA-108	160-10	SSB CW DIG	Jan 27	Feb 03	St. Lucia	J6	home
FK93	SSE	NA-109	160-10	SSB CW DIG	Feb 04	Feb 05	St. Vincent	J8	home
JQ88	NNE	EU-026	HF	CW SSB	Feb 18	Feb 25	Svalbard	JW	DL2JRM
FK28	S	NA-098			Jan 25	Feb 13	Navassa I (KP1)	K1N	N2OO
FK29	S	NA-015	All	CW SSB Dig	Feb 06	Feb 13	Guantanamo Bay	KG4AS	K4SIA
FK29	S	NA-015	All	CW SSB Dig	Feb 06	Feb 13	Guantanamo Bay	KG4HI	WB4REM
FK29	S	NA-015	All	CW SSB Dig	Feb 06	Feb 13	Guantanamo Bay	KG4RQ	WB4REM
FK29	S	NA-015	All	CW SSB Dig	Feb 06	Feb 13	Guantanamo Bay	KG4YL	K9DIG
IN89	NE	EU-013	WARC	RTTY	Feb 11	Feb 16	Jersey (GJ)	MJ5RIC	M0OXO
FK68	SSE	NA-106			Feb 21	Feb 22	Virgin Is	NP4P	N2TTA
FK68	SSE	NA-099			Feb 21	Feb 22	Puerto Rico	NP4Z	N4AO
QI30	WNW	OC-034	80-10	SSB Dig	Jan 15	Feb 15	Papua New Guinea	P29NK	DH1NK Buro
FK52	S	SA-036	40-10	QRP	Feb 14	Feb 19	Aruba	P40JP	WX3P
FK52	S	SA-099			Feb 02	Feb 02	Curacao	PJ2	W7AUM
FK87	SSE	SA-006			Feb 21	Feb 22	Bonaire	PJ4X	W1MD
FK87	SSE	SA-006			Feb 21	Feb 22	Bonaire	PJ7/WJ2O	WJ2O
FK88	SSE	NA-105	40-10	CW SSB	Feb 18	Mar 16	Sint Maarten	PJ7AA	AA9A
LI75	ENE	AF-024	40-10	CW	Jan 17	Feb 10	Seychelles	S79AC	OE4AAC
BJ11	W	OC-024	160-10	CW SSB RTTY	Jan 22	Feb 09	E. Kiribati	T32RL	LoTW
EK44	SW	NA	20-15	CW SSB	Jan 22	Feb 17	Guatemala	TG9	VE7BV
EJ65	SSW	NA-012	80-10	CW RTTY	Feb 16	Feb 23	Cocos I	TI9	3Z9DX
EK58	SSW	NA-073	160-10	CW RTTY	Jan 14	Mar 05	Belize	V31YN	LoTW
FK87	SSE	NA-104	160-6	SSB	Jan 20	Mar 01	St Kitts & Nevis	V47JA	LotW
JG78	ESE	AF	160-6	SSB RTTY PSK	Feb 09	Feb 20	Namibia	V5	Home Call
QJ96	WNW	OC-010	160-10	CW	Feb 16	Feb 23	Micronesia	V63MJ	LotW
FK68	SSE	NA-099			Feb 21	Feb 22	Puerto Rico	WP3C	W3HNC
OK19	N	AS			Feb 05	Feb 25	Laos	XW8BM	JA8BMK
II22	ESE	AF-003	160-40	CW RTTY SSB	Feb 05	Mar 06	Ascension	ZD8D	DL9HO
EK99	SSW	NA-016			Feb 06	Feb 06	Cayman Is	ZF2UM	W7AUM
AE26	WSW	OC	17-10	CW SSB	Jan 30	Feb 01	Chatham Is	ZL7	JA0JHQ