



The SKYHOOK



HOLIDAY CITY AMATEUR RADIO CLUB

www.hcarc.us

JUNE 2014

Toms River, NJ

Don't Miss Our June Meeting

N200 Tells About His Experiences on the Amsterdam Island Expedition

This is a meeting you'll remember. Amsterdam Island is about as remote a place as you'll ever find, or not find. Just getting there is an adventure in itself. N200 is planning to be here to "tell all".

No HCARC Field Day Site This Year

We won't be at the usual park this year, but some of us plan to celebrate the biggest HF event the month with the Old Barney club. Maybe we'll see you there.

Field Day is what you make it. For many, it's a rare chance to work HF. For others, it's demonstrating ham radio to the public. For some, it's a contest without an award. It's a way to test out an antenna or a new HF rig, or see if an old one still works. It's showing how hams can provide effective communication from anywhere to anywhere without commercial power, phone lines, cell phone towers, or even regular antennas and buildings.

Birthdays

Happy birthday to:

Mike Agostinello KC2MTT

Mike Graber KD2CTX

Russ Young WA2VQV



NEXT MEETING:
Thursday **June 5 at 7:00 PM**

**Bldg A, Meeting Rm. #1
Holiday City South Clubhouse
Santiago Drive at Mule Road
Toms River, NJ**



Field Day Rules Summary

When:

2 pm EDT Saturday June 28 to 1:59 pm EDT Sunday June 29. "Always the 4th full weekend in June". Some station operations may extend to 4:59 pm if setting-up does not begin before 2 pm Saturday. For official rules, see http://www.arrl.org/files/file/Field-Day/2014/2014_Rules.pdf

Object:

- To contact as many other stations as possible
- To promote ham radio and the local club
- To show we can provide communications when all else fails
- To get a taste of contesting without being in a contest
- To get to know other hams by working with them
- To have fun

Bands:

All ham bands except 12m, 17m, 30m & 60m. All modes allowed, but most activity is SSB & CW. CW and Phone portions of a band are scored as separate bands, so you can count 14 Field Day bands from 1.8MHz to 54 MHz.

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The Exchange:

For the contact to count, the station must exchange (receive and send) the following data:

1a. The number of simultaneously operating stations in the group,

1b. The Field Day Class (see "Category:" below).

2. The ARRL Section (or country) name or initials.

For example, a station in a club's Field Day group of three stations operating in a park, powered by one or more generators, in the Southern New Jersey ARRL section would say:

"Three Alpha, Sierra November Juliet", or in cw, "3A SNJ".

Hints:

Stay away from frequencies in use by SSTV, RTTY, DX, or nets.

Don't give your exchange until you are sure he has your callsign correct, as he may move on to another station as soon as he thinks he has what he needs.

Don't be offended if the other station says "you're a doop". He simply means this contact doesn't count because it's a duplicate (DUP).

Use a computer logging program or a "DUP Sheet" to avoid duplicates.

When using phone, always use the standard phonetic alphabet for the exchange and callsigns. The alphabet is :

"ALFA, BRAVO, CHARLIE, DELTA, ECHO, FOXTROT, GULF, HOTEL, INDIA, JULIET, KILO, LIMA, MIKE, NOVEMBER, OSCAR, PAPA, QUEBEC, ROMEO, SIERRA, TANGO, UNIFORM, VICTOR, WHISKEY, XRAY, YANKEE, ZULU".

On CW, send at a speed you're both comfortable reading. The other station's op will gladly QRS.

Try to be familiar with the ARRL Section name abbreviations. "AJV" is pronounced "San Wok-EEM VAL-ley".

Download official rules and forms from ARRL. See address at end of this article.

Log Deadline:

Submit electronically or post mark by 4:59 pm July 29. Log page forms, "dup sheets", and other Field Day forms are available to download at the ARRL web site.

Awards:

This isn't a contest, so there are no awards, but the scores are published in QST.

Categories:

CLASS	LOCATION	POWER SOURCE	OPRS
A	Field	Generator	Club
AB	Field	Battery QRP	Club
AC	Field	Commercial	Club
B	Field	Generator	Indiv
BB	Field	Battery QRP	Indiv
C	Mobile	Mobile	Indiv
D	Home	Commercial	Note 1
E	Home	Emergency	Indiv
F	EOC	Any	ARES
Free	Field	Any	Note 2
GOTA	Field	Any	Note 3

Note 1: Class D is your usual Home Station

Contacts between Class D stations don't count as Field Day contacts.

Note 2: Free VHF Station

A Free VHF station can be part of a club's Field Day, and used for communications within the group, visitor talk-in, etc. The Free VHF station is not considered part of the Field Day station group, but logged non-member contacts, such as visitor talk-ins, can count one point each.

Note 3: GOTA (Get-On-The-Air) Station

Part of a club's Field Day presentation, operating as a demonstration, with a separate callsign, but using the group's exchange. The station is not counted as part of the station group, but Bonus points are scored for having it.

Groups can also earn Bonus points for other Public Relations.

See official rules at:

http://www.arrl.org/files/file/Field-Day/2014/2014_Rules.pdf





Ocean County ARES® News

June, 2014

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

Recently, I made an announcement on the ARES Weekly Net that Ocean County ARES would be joining the test held by Yaesu for the new Fusion repeater system. Several days later, I released an email stating that we were not accepted by Yaesu. I'm sorry for the flip-flopping, but there was some confusion and I've been working to get it resolved. I don't want to give anyone false hopes, so at this point let me just say that Yaesu is still considering the offer and we may still become a beta test site for Fusion. Yaesu is trying to spread the test base out as much as possible and with some other nearby Fusion test repeaters close to Manchester and Yaesu Managers are trying to be fair in their decision. I should know more after Dayton, since Yaesu has concentrated all their resources on the Hamfest.

Fusion is a new system, not compatible with D-Star, but has the ability to transmit and receive both analog and digital signals at the same time. Those who wish to communicate through a Fusion repeater with an analog transceiver can do so and those who may be using a new Yaesu Fusion HT or Mobile transceiver can communicate via digital modes. The bottom line is that analog and digital will be able to hear one another while communicating through a Fusion repeater. Pricing for the Fusion repeaters was just released and is around \$1800. This includes a dual band (2 M/70 cm) repeater with up to 50 watts output with built-in controller and power supply. All that is needed is a duplexer, feedline and antenna. The test repeaters are limited versions of the full production model.

There is an interesting article on Page 75 of the June 2014 QST, which I would like everyone to take a look at. It discusses a change in terminology by the ARRL in regard to the service provided by ARES or Amateur Radio Emergency Service. The ARRL is going to phase out the term "Emergency Communications" and replace it with "Public Service Communications" to more accurately reflect [continued on page 4]

Internet and e-Mail Address Links

Internet addresses and most call signs in The SKYHOOK are now 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 by appointment 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 or to schedule an appointment.

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: Ed Baranowski

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

Publicity: Ed [W1EAP](#)

Programs: Lawrence [WA2VLR](#)

Sunshine: Dave [WA2DJN](#)

Field Day: Larry [K2QDY](#)

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

Skyhook: John Roberts [KQ4WR](#) 732-350-1162

Fund Raising: vacant

Membership: Doug Poray [KC2TZC](#)

HOLIDAY CITY AMATEUR RADIO CLUB

Toms River, New Jersey

Web Site www.hcarc.us

President	Carl Lee	W2PTZ	732 237-2421
Vice President	John Roberts	KQ4WR	732-350-1162
Secretary	Ed Picciuti	W1EAP	732 736-0955
Treasurer	Larry Puccio	K2QDY	732 349-2950
Executive Board	Larry Loscalzo	WA2VLR	732 431-9082
Executive Board	Tom Chicino	KC2RSE	732 240-7395
W2HC Trustee	Kevin Wagner	W2FA	732 279-0532

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 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:

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

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the service that ARES provides. The term "Public Service Communications" better describes the communications support given during public service events, emergencies or disasters. Please take note that the ARRL does not plan on changing Field Organizational Titles, such as Emergency Coordinator and they will not be changing the Title of ARES or Amateur Radio Emergency Service. This is good because many ARES organizations have incorporated with ARES in their name and to have this change would be very costly in the world of corporate and IRS rules.

Some may have noticed a lack of NWS radar for Ocean County for at least a week. The KDIX radar is out of service until further notice, according to the National Weather Service. Hopefully, it will be repaired soon and returned to service since it is a vital tool to our weather defense.

73 de WX2NJ
Bob Murdock,
Ocean County Amateur Radio Emergency Service® EC

Say Hello to KC2GKN

HCARC member Ray Lauterbach KC2GKN, who has been living in a retirement home in Pompton Plains for the past few years, loves to hear from his friends.

His landline number is 973-836-1651, and you can call anytime, but he goes out to lunch on Sundays. His address, if you'd rather write, is:

Raymond G Lauterbach
213 Hillside Crossing
Pompton Plains, NJ 07444

How to Find Technical Info on the Internet

You can find important information about obsolete products on the Internet.

Some examples:

To tell Google to look for a users manual for a Collins 75A2, enter "manual Collins 75A2". There will be lots of listings. Weed through the first 5 or 6, noting the web addresses. Look at the ones that have extensions like ".edu", ".org", and also those ending with ".com" from legitimate corporations you trust. If you don't find what you need that way, broaden your search to include foreign countries (for example, .ca is Canada). Of course, be sure your virus protection is working.

To find information about a particular component that is still available from Mouser, go to the Mouser search page and click on the link to the maker's spec-sheet.

For Your Calendar

June

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3 Primary Election	4	5 HCARC Meets 7pm	6	7
8	9 Lunch at HC Diner	10	11 License Exams 7pm	12	13	14 Flag Day
15 Fathers Day	16	17	18 ARES Meeting 7pm	19	20	21
22	23 Lunch at HC Diner	24	25 Board meeting 10am	26	27	28 Field Day begins 2pm
29 Field Day continues	30				Updated on	5/27/2014

Ham Radio Operators Train National Guardsmen

By Rebecca Burylo, Montgomery Advertiser, Montgomery, AL

Eight Prattville Army National Guard members from the 231st Military Police Battalion armory traveled to Fort McClellan for specialized training in HAM radios earlier this month.

The military is trying to bring back the use of HF or high-frequency communications in the service rather than having sole dependence on satellite communication.

With today's email and cellphone communication, radios now are used primarily during natural disasters and emergency situations such as 9/11, Hurricane Katrina and Hurricane Sandy when high cellphone use can overload the satellite system.

(Special radio frequencies can communicate with emergency management agencies during such times.)

(Joel Black, a member the Region 4 Army Military Auxiliary Radio Service, or Army MARS, said the radio is much more efficient than satellite communications.)

"Today's military has started to depend more on satellite communication. However, HF or high-frequency communications, is a more rapidly deployable communication system," Black explained. "You can set up an antenna, tune into the right frequency and start talking within minutes. It takes much longer to set up a satellite."

Trying to set up a satellite communication in the field can be cumbersome for military members, Black said. Oftentimes, two men are needed to set up a 20-foot or 8-foot satellite, transponder and other equipment.

The whole process can take up to two hours.

Three HAM radio operators at McClellan taught the soldiers from Prattville how easy it could be.

The licensed Army MARS trainers shared their expertise in proper use and selection of radio frequencies, how radio waves work, communications technology, safety and techniques of antenna installation.

Those in charge of the three-day course included Alabama Army MARS State Director Wade Brock, Alabama Army MARS Training Officer John Briscoe and Georgia Army MARS State Director Jerry Lofstead.

Army MARS, which began in 1925, is a Defense Department organization of amateur radio operators that train on a daily basis for providing emergency communication for both military and government agencies.

HAM radio operators are most associated for their contributions as part of the U.S. Army Signal Corps sending messages between troops during the Korean and Vietnam Wars with a HF radio-telephone.

How's DX?



Russ Young WA2VQV worked:

Call Sign	Date	Time EDT	Mode	Entity	Grid Square	Distance (miles)	Direction
A61DD	Apr 19	09:45 pm	PSK63	Un. Arab Emirates	LL85at	6977	NE
TK4LS	Apr 20	01:20 pm	CW	Corsica	JN42qa	4270	ENE
R6AV	Apr 22	08:09 pm	PSK31	European Russia	KN95lp	5324	NE
HO100CANAL	Apr 27	02:13 pm	RTTY	Panama	FJ08bn	2115	S
UA3QNS	Apr 27	04:55 pm	RTTY	European Russia	KO91oq	5048	NE
GI45NA	Apr 27	05:02 pm	RTTY	Northern Ireland	IO74ao	3314	NE
7P8JR	Apr 29	11:32 am	RTTY	Lesotho	KG40am	8141	ESE
VO2NS	May 02	05:13 pm	RTTY	Canada	FO62nw	1052	NNE
9A9A	May 02	07:01 pm	SSB	Croatia	JN75ws	4427	NE
OE3XMA	May 02	07:09 pm	SSB	Austria	JN88de	4361	NE
G8OFQ/DL	May 02	07:32 pm	SSB	Germany	JO31aa	3861	NE
R5MT	May 05	09:01 pm	RTTY	Asiatic Russia	MO64px	5694	NNE
R5MT	May 06	09:01 pm	RTTY	Asiatic Russia	MO64px	5694	NNE
CO6LE	May 07	09:31 pm	RTTY	Cuba	FL02aj	1171	SSW
EA8MT	May 09	04:12 pm	RTTY	Canary Islands	IL27hv	3481	E
IZ8QXC	May 09	04:20 pm	CW	Italy	JN70ir	4554	NE
PJ5/K6NAO	May 09	04:36 pm	CW	Saint Eustatius	FK88ma	1625	SSE
EM90WF	May 09	04:42 pm	CW	Ukraine	KN29au	4601	NE
EW8DJ	May 09	04:38 pm	CW	Belarus	KO42to	4694	NE
A45XR	May 09	05:08 pm	RTTY	Oman	LL93do	7183	NE
SV2DGH	May 09	05:15 pm	RTTY	Greece	KN10lm	4923	NE
V25M	May 10	09:08 pm	RTTY	Antigua	GK07ca	1782	SE
V25M	May 10	09:23 pm	CW	Antigua	GK07ca	1782	SE
J79WTA	May 11	05:45 pm	RTTY	Dominica	FK95gk	1829	SSE
V25N	May 12	06:40 pm	SSB	Antigua	GK07ca	1782	SE
V25M	May 13	05:56 pm	RTTY	Antigua	GK07ca	1782	SE
V25M	May 14	09:09 pm	CW	Antigua	GK07ca	1782	SE
V25N	May 14	09:46 pm	RTTY	Antigua	GK07ca	1782	SE
EI6JK	May 14	10:43 pm	CW	Ireland	IO63uh	3316	NE
YO3APJ	May 14	11:00 pm	CW	Romania	KN34al	4890	NE

Some June DX Opportunities

Start	End	Entity	Call (sorted)	QSL	C/IOTA	ITU	CQ	Bands	Modes*	Grid	Miles	Dir
Jun 20	Jun 25	Azerbaijan	4K9Z	LotW	AS	29	21			LN40wj	5869	NE
May 31	Jun 08	Malawi	7Q7GIA	LotW	AF	53	37	40-10	C, S	KH66va	7787	E
May 21	Jun 10	Malawi	7QNL	PA1AW	AF	53	37	80-10	C, S	KH66ub	7781	E
May 28	Jun 03	Tonga	A31	JA0RQV	OC-191	62	32	80-6	C, S	AH34db	7420	W
May 31	Jun 08	Tonga	A35JP/p	LotW	OC-191	62	32	80-6	C, S	AH34db	7420	W
Jun 07	Jun 21	Bahamas	C6ATT	K2TTT	NA-001	11	08	40-6		FL15hb	1045	S
Jun 08	Jun 27	St Martin	FS	LotW	NA-105	11	08	160-10		FK88lb	1654	SSE
Jun 26	Jun 30	Isle of Man	GD	G3ZME	EU-116	27	14	hf,6		IO74sg	3279	NE
Jun 19	Jul 02	Grenada	J38DR	W9DR	NA-024	11	08	50.115 MHz		FK92ef	2065	SSE
Jun 05	Jun 18	St Lucia	J6	G4DFI	NA-108	11	08	40-6	S	FK94ma	1965	SSE
Apr 21	Jun 08	St Vincent	J79WTA	HB9MFM	NA-101	11	08	160-10	S, D	FK85hk	1818	SSE
May 31	Jun 01	Aland Is	OH0	OH3WS	EU-002	18	15	HF	C, s	JP90wc	4012	NE
Jun 02	Jun 07	Market Reef	OJ0W	OH3WS	EU-053	18	15	HF	C, s	JP90nh	3982	NE
May 29	Jun 04	Aruba	P40DM	Home Call	SA-036	11	09	20-6		FK52am	1916	S
Jun 06	Jun 15	Belize	V31	AF6WU	NA-180	11	07	HF	S, P	EK56vp	1817	SSW
Jun 07	Jun 09	Belize	V31	W7ZCK	NA-180	11	07	40-6	S, R, P, J	EK56vp	1817	SSW
Jun 25	Aug 06	StKitts&Nevis	V47JA	LotW	NA-104	11	08	160-6		FK87pg	1713	SSE
May 30	Jun 05	Micronesia	V63DX	JA7HMZ	OC-010	65	27	80-6	"All"	QJ96cv	7792	WNW
Jun 05	Jun 15	Albania	ZA	ON4ANN	EU	28	15	80-6	S, P, R	JN91sm	4642	NE
May 26	Jun 03	Ascension	ZD8Z	AI4U	AF-003	66	36	HF		II22sb	5043	ESE
May 31	Jun 06	Cayman Is	ZF2NY	K9DIG	NA-116	11	08	40,20,17,10		EK99hh	1488	SSW

*Modes: C=CW, D=Digital, J=JT, P=PSK, R=RTTY, S=SSB, s=some SSB

