



The SKYHOOK

HOLIDAY CITY AMATEUR RADIO CLUB



www.hcarc.us

September 2015

Toms River, NJ

Digital Modes: Our September Topic



Ham radio isn't just talk.

As Cycle 24 slowly fades away, and takes a lot of ten-meter DX with it, HF operation tends to shift to lower frequency bands, where, unfortunately, there's a higher noise level.

That's one reason digital modes are becoming more popular, even among experienced CW ops.

At our September meeting, Tony Kuzinski will show how to easily access digital text modes, such as PSK31, JT65, and even good old RTTY.

I'm sure you'll have some questions and/or suggestions.

Notice Of Club Elections

Our annual club elections are to be held at the regular meeting **October 1, 2015** for President, Vice President, Treasurer, Secretary, and four Executive Board Members-at-Large.

The term for each office is for one year, beginning and ending at the conclusion of the club election at the October meeting.

All positions are open to all members. Nominations and volunteers are needed each year for all eight offices.

Some Local September Hamfests



9/12 GSARA Hamfest. Tinton Falls, NJ

<http://www.GardenStateARA.org/Hamfest>

9/19 DVRA Hamfest. West Windsor, NJ <http://www.w2zq.com>

9/26 OMARC Hamfest. Wall Twp, NJ <http://www.n2wmo.org>

HCARC October Luncheon Scheduled



October 14 at noon we'll all be getting together for lunch, XYLs included. Cost will be very reasonable. This is a fine opportunity to introduce family and friends to the club, so please mark your calendar.

Help Wanted

If you can help the club by telling us about your experiences, writing an article, or volunteering as a club officer or board member, we'd like to hear from you. See page 3 column 2.

Next Meeting September 3, 2015

at 7:00 PM at Holiday City South Clubhouse A, Santiago Drive at Mule Road, Toms River, NJ.

Ham Radio Ops To Support Pope Visit

From Bob, WA3PZO

September 22 – 27 and amateur radio will be part of the celebration. Throughout the 6 day event (September 23 0000Z – September 28 0000Z) 6 special event amateur radio stations will be on the air to commemorate the event. Call signs from the Washington, DC area will be K3P and N4P. From New York and New Jersey the call will be K2P. W3FRC/WMF will be on the air from southeastern Pennsylvania and W3P will be on the air in Philadelphia. WM3PEN, also of Philadelphia, will join in Thursday evening at 8 PM EST (Friday 0000 GMT). Four unique QSL cards will be available along with a certificate to mark this special and historic event. A website is being established for QSL and certificate information. Early information and links can be found on the WM3PEN qrz.com website.

The Washington, DC operations are being coordinated by the Jim Nitzberg, WX3B of the Potomac Valley Radio Club (pvrc.org). The southeastern Pennsylvania and New Jersey operations are under the direction of Ron Sigismonti, N3RS of the Frankford Radio Club (gofrc.org). The New York activity is being coordinated by John Melfi, W2HCB of the Great South Bay Amateur Radio Club (gsbarc.org). W3P efforts on the air are being coordinated by Joe Leone, KA3LKM (qrz.com/db/w3p). WM3PEN operations are being coordinated by Bob Josuweit, WA3PZO, and the Holmesburg Amateur Radio Club (harcnet.org).

We are privileged to be able to represent our region of the USA via Amateur Radio. Every three years there is a World Meeting of Families. In 2012 amateur radio operators in Italy had the call I12POPE on the air. This year amateur radio operators in 5 states will be on the air to commemorate the event. This year with the World Meeting of Families in Philadelphia and the second time a Pope has visited Philadelphia, Ron Sigismonti, says having several special event stations on the air by members of a club that originated in Philadelphia, then expanded to encompass the entire region out to 175 miles of Philadelphia; another club whose members will be on the air in the same section of Philadelphia that the Pope is visiting; and another group of Philadelphia operators who are excited about the World Meeting of Families being held in the City will really make this a special event. Additionally, operations from the Greater Washington, D.C. metropolitan area, metropolitan New York City, and parts of New Jersey will encompass the entire region visited by Pope Francis in the United States. It will allow those who can't be in the various cities that he is visiting to participate in this event by talking to those who are. In essence this will be a world family meeting of amateur radio operators.

The Pope arrives at Joint Base Andrews on September 22 and begins his visit in Washington, D.C. with a meeting with President Obama on Wednesday, September 23. He delivers a speech to a joint session of Congress on Thursday, September 24. On Friday he attends a meeting of the United Nations General Assembly in New York and participates in a multi-religious service at the 9/11 Memorial and Museum at the World Trade Center. On Saturday

he gives a speech at Independence Hall in Philadelphia and concludes his visit to the U.S. with an outdoor mass in front of the Philadelphia Museum of Art on Sunday, September 27.

Ocean County ARES® News

– September, 2015

On Wednesday, August 19th, many of us gathered at the Ocean County EOC for our regular meeting of Ocean County ARES. Traffic handling procedures was the topic for the evening and WX2NJ went over the basics of ARRL Radiogram traffic handling. Keith, KC2OON, also demonstrated a low cost setup to enable an operator to interface a computer to a transceiver to be able to transmit/receive digital data, like APRS, using the PC sound card. He showed how \$50 could furnish the transceiver and PC interface and proceeded to demonstrate that it works. Keith will be publishing plans in the near future for his hook up.

Several of the new Fusion polo shirts were also handed out to operators who funded the new DR-1X Fusion repeater, to be located in Toms River. I still have six more shirts to get to operators and several new ARES ID badges. The badges will be mailed via USPS and I will email those who are due shirts to make arrangements.

The question was raised about ARES T-Shirts and we are checking on prices for a design which was produced several years ago.

Hurricane Danny has formed in the Atlantic and has become the first of the 2015 season. It is only a Category 1 hurricane and is expected to lose strength as it moves west. It is a good reminder to all of us that we are still in hurricane season until November and we have the potential to be hit by a devastating storm.

September 20th is the date for the Bike to Build (B2B) bicycle tour fund raiser for Habitat for Humanity. We are still looking for volunteer operators to provide voice communications support for the event. The tour includes three separate routes with the longest being 32 miles and the shortest being 10 miles. All three tours start and finish at Beachwood Bicycles on Route 166 & Starboard Avenue in Beachwood. This year we will be using APRS to track the tail-end of the 32 mile event. Net Control will be positioned next to the bike shop and the WA2RES/R will be used on 145.170 MHz. APRS digipeaters in Toms River and Barnegat will provide adequate coverage to track the event.

Do you use Facebook? If you do, check us out at Ocean County ARES and give us a "Like"

For those of you that have used the WX2NJ weather page for local weather monitoring, there is a change. Comcast is no longer providing personal web pages to subscribers and this is where the WX2NJ weather page has existed for many years. All the data has been moved to a new domain, www.WX2NJ.info

73 de WX2NJ

Bob Murdock

Ocean County Amateur Radio Emergency Service® EC

Those Tough Exam Questions



There was a time when the back cover of QST would have a full page ad for some newly designed tube, because the majority of ham transmitters were either home-made, or much-modified military surplus. Those days are over, but a ham operator is still expected to know how to test and properly operate a station, and is still authorized to design and construct ham equipment. That's why the exams have to be tough, and one reason ham radio is so fascinating.

Some of the questions on the FCC license exams are easy, but some deserve explanation. That's why it's been suggested that we devote some of our regular meeting time to explaining some of those more puzzling ones. We might begin with a quick verbal quiz from the Tech exam to help determine what to do next. Some hands-on experiences or demonstrations may be used. The idea is to get every member licensed, at least as a Technician, and for all to feel comfortable with the more technical aspects of the hobby.

ARRL VHF Contest Sept 12-14

This is a contest you can enter with any ham rig above 50 MHz, even just a 2-meter hand-held on simplex mode. Call "CQ Contest". Tell your grid code, and write down the time, call sign, and grid code of the station you contact. You score points for each grid you work.

Hint for any ham contest: Don't give all the information the other station needs until you are sure he has at least your callsign correct. Otherwise, he'll go right on to the next station calling.

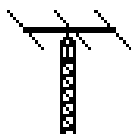
If you don't know your grid code, look up your call on QRZ.com, and look under the Details tab for your Grid Code.

Have more fun by going mobile, called "rover" class, and work more grids from a mountain top.

Repeaters, calling frequencies such as 146.520, and satellite frequencies are not allowed.

Full rules are at <http://www.arrl.org/september-vhf>.

DX Contests List:



For a list of contests for the current week, check out the "WA7BNM Contest Calendar" website at <http://www.hornucopia.com>.

It gives a lot of information about contests of the recent past, present, and near future. I especially like the 8 Day list, because it gives details like categories and exchanges, and usually links to the official rules.

Our VE Crew

Murray [KD2IN](#), Ed [W1EAP](#), Larry [K2QDY](#),
John [KQ4WR](#), Stan [KB2PD](#), Steve [N2WLH](#),
Kevin [W2FA](#), 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 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: John Rogers & Tony Kuzinski
Webmaster: Steve [N2WLH](#) N2WLH@yahoo.com
Publicity: Ed [W1EAP](#) 732-736-0955
Programs: Tony [KD2GSO](#) 732-930-5779
Sunshine: Dave [WA2DJN](#) WA2DJN3@verizon.net
Field Day: Larry [K2QDY](#) 732-349-2950
VE Sessions: Larry [K2QDY](#) 732-349-2950
Membership: Doug [KC2TZC](#) 732-928-2316

Holiday City Amateur Radio Club Toms River, New Jersey

Web Site www.hcsrc.us

President	John Roberts	KQ4WR	732-350-1162 ext 33
Vice President	Paul Campanella	KC2ZDM	732-255-9025
Secretary	John Rogers	KD2HWR	732-269-5717
Treasurer	Larry Puccio	K2QDY	732-349-2950
Executive Board	Ed Picciuti	W1EAP	732-736-0955
Executive Board	Doug Poray	KC2TZC	732-928-2316
Executive Board	Tony Kuzinski	KD2GSO	732-930-5779
Executive Board	(vacant)		
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 street corner.

The SKYHOOK is published monthly as the HCARC's official newsletter.
Editor and Publisher:

John Roberts [KQ4WR](#) 7 Lincoln Ct. Whiting, NJ 08759-1505
e-mail KQ4WR@arrl.net 732 350-1162 ext 33

New Jersey QSO Party

The NJ QSO Party is a contest. This year's NJ QSO Party is sponsored by Burlington County Radio Club.

The idea is for hams outside of NJ to contact as many NJ hams as possible, and vice versa, on the Sept 19-20 weekend. The rules can be found on the web at <http://www.k2td-bcrc.org/njqp/>

Minutes Of Our August 6, 2015 Meeting

Holiday City Amateur Radio Club

Minutes - August 6, 2015 Meeting

7:02 Meeting called to order

Flag Salute

Member Introductions

Minutes from the last meeting were presented and approved.

The Treasurer's report was presented and accepted.

A discussion on the Constitutional Amendment approved at the last meeting was held. The President volunteered to provide the Secretary with an electronic copy of the Constitution. The secretary agreed to make the requisite changes and provide the new copy to the club.

An update on the status of the HCARC website was presented. Steve Jackson N2WLH stated that the website was online and had been so for years. However, other than monthly copies of the Skyhook, no information had been submitted for years. Steve agreed to continue as web master. The club website can be found at www.HCARC.us.

Tony Kuzinski KD2GSO stated that he was gathering information for the website.

7:23 A break was called for refreshments and the 50/50.

7:37 The meeting was called back to order.

Thomas M. "Skip" Arey, N2EI, Section Manager for Southern New Jersey ARRL, presented the current organization structure, plans, and implementations for the District.

8:15 The meeting was adjourned.

Submitted by:

John Rogers, Secretary

HCARC Meetings Calendar

September 3 at 7pm Club Meeting

September 9 at 7pm **License exams** by appointment

September 14 at noon Get-together at Holiday City Diner

September 23 at 10am Executive Board meeting

September 28 at noon Get-together at Holiday City Diner

October 1 at 7pm Club Meeting including Elections

October 12 at noon Get-together at Holiday City Diner

October 14 at noon Club Luncheon -- restaurant to be announced

October 14 at 7pm **License exams** by appointment

October 26 at noon Get-together at Holiday City Diner

October 28 at 10am Executive Board meeting

November 5 at 7pm Club Meeting

November 9 at noon Get-together at Holiday City Diner

November 11 at 7pm **License exams** by appointment

November 23 at noon Get-together at Holiday City Diner

November 25 Executive Board meeting at 10am

December 3 at 6:30pm Club Holiday Party

December 7 at noon Get-together at Holiday City Diner

December 9 at 7 pm **License exams** by appointment

December 21 at noon Get-together at Holiday City Diner

December 30 at 10am Executive Board meeting

How's DX

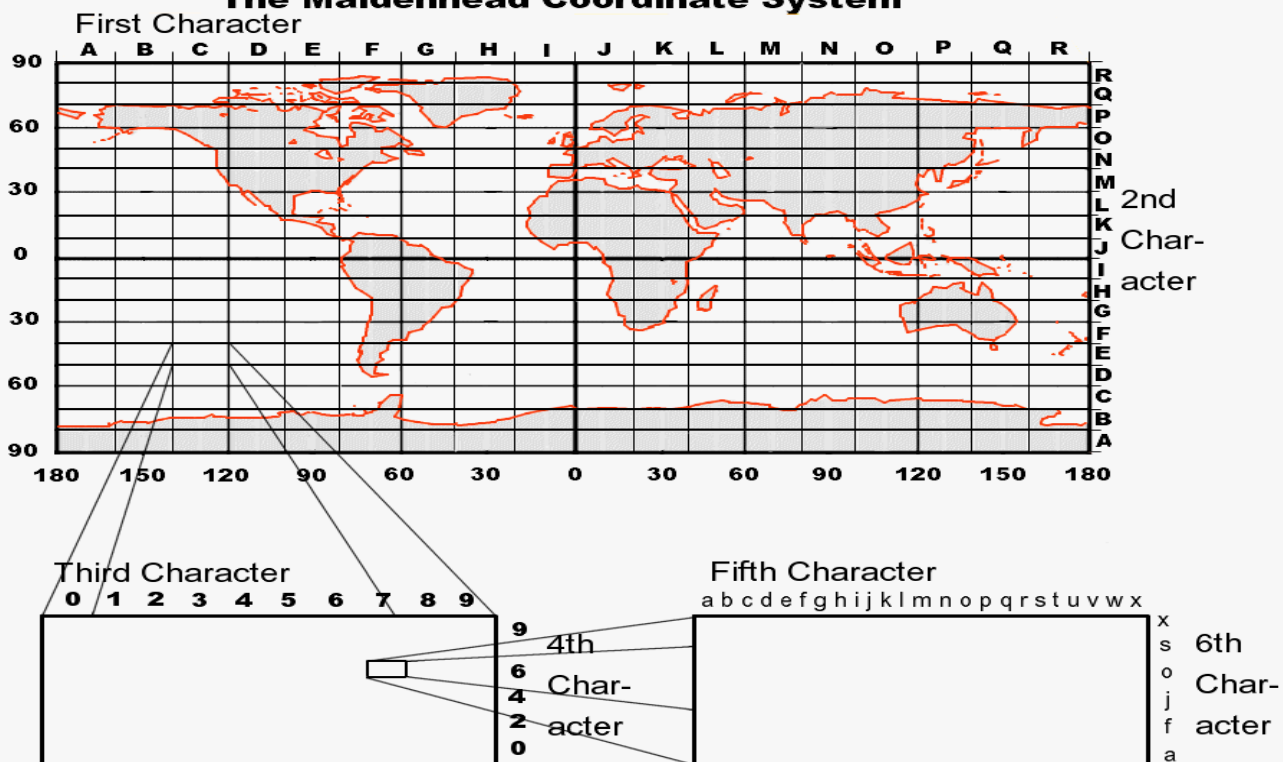


Some stations worked by Russ Young, WA2VQV :



Callsign	Date	Time	Mode	Band	Entity	IOTA	Grid	Dist	Dir
9A/S52P	29-Jul-15	2328Z	CW	20M	Palagruza Island, Croatia	EU-090	JN82dj	4561	NE
LZ100AJ	2-Aug-15	1853Z	CW	20M	Bulgaria		KN43gw	4892	NE
E7 TESLA	2-Aug-15	2009Z	CW	20M	Bosnia-Herzegovina		JN84os	4558	NE
EA8BLV	3-Aug-15	2242Z	CW	20M	Canary Islands	AF-004	IL18ri	3405	E
DK65DARC	3-Aug-15	2259Z	SSB	20M	Germany		JO42lu	3994	NE
IQ2MI	4-Aug-15	2308z	SSB	20m	Italy		JN45nl	4147	NE
HB9EOU	4-Aug-15	2318Z	SSB	20M	Switzerland		JN37kd	4000	NE
HA9RT	4-Aug-15	2328Z	SSB	20M	Hungary		JN86sr	4460	NE
VO1/DJ8QP	5-Aug-15	2030Z	CW	20M	Newfoundland, Canada	NA-027	FO94aa	1286	NE
TM73IE	11-Aug-15	2128Z	SSB	17M	France	EU-064	IN86tr	3700	NE
S54ZZ	12-Aug-15	2158Z	SSB	20M	Slovenia		JN76mo	4361	NE
UX2IO	12-Aug-15	2206Z	SSB	20M	Ukraine		KN88wb	5172	NE

The Maidenhead Coordinate System



Some DX Opportunities For September

Begin	End	Entity	Callsign	QSL via	C/ IOTA	Bands	Modes*	MCS	Dir	Miles
Sep 23	Sep 28	Fiji	3D2YA	LotW	OC-156	40-10	C,R,S	RH91ft	W	7925
Sep 04	Sep 28	Tanzania	5H3DX	LotW	AF	20-6		KI93ma	E	7760
Sep 13	Oct 18	Tanzania	5H3MB	LotW	AF	80-10		KC90ma	SSE	9332
Sep 05	Sep 13	Samoa	5WORM	ZL4IG	OC-097	40-15	S,C	AH47aa	W	7200
Aug 15	Sep 01	Gambia	C5WP	ON7WP Dir	AF	WARC&6		IK28jr	E	3773
Sep 13	Sep 20	Bahamas	C6ANT	VE3EY	NA-001?			FL15ga	SSW	1050
Aug 29	Sep 15	Bolivia	CP1XRM	EA5RM	SA	80-10		FH75ea	S	3839
Aug 27	Sep 10	Madeira	CT9/DK1AX	DK1AX	AF-014			IM12np	E	3179
Apr 12	Sep 23	Sable I	CY0/VA1AXC	JE1LET Dir	NA-063	20	S	GN03at	ENE	781
Sep 14	Sep 23	Comoros	D67GIA	LA7GIA	AF-007	40,10	C,R,S	LH18ph	E	8190
Sep 21	Oct 03	South Cook Is	E51DLD	W6HB	OC-013	160-10		BG08cs	WSW	6930
Sep 29	Oct 27	North Cook Is	E51MKW		OC-014	80-10		AH99mo	WSW	6927
Sep 27	Oct 29	North Cook Is	E51MQT	LotW	OC-014	160-10	S,C,R	AH99mo	W	6512
Sep 15	Sep 30	Niue	E6GG	LotW	OC-040	80-10	C,S,R	AH50bw	WSW	7349
Sep 05	Oct 01	French Polynesia	FO/DF1YP	DF1YP Buro	OC-046			BB59bq	SSW	8484
Sep 04	Sep 07	Ogasawara	JD1BOH	JA1NEJ	AS-031	80-10	C,S,D	QL17cb	NNW	7251
Sep 16	Sep 23	Svalbard	JW/OX5M	LotW	EU-063		S,C,D	JQ88aa	NNE	3535
Sep 24	Sep 28	Guam	KH2/KUoQ	JR1EFG Dir	OC-026	40-10	C,S	QK24ma	NW	7940
Sep 11	Sep 14	Jersey	MJ/DL2JRM	DL2JRM	EU-013			IN89we	NE	3472
Sep 30	Oct 16	Mariana Is (KHo)	NH0/DL2AH	DL2AH	OC-086	40-10	S	QK26to	NW	7767
Sep 05	Sep 07	Aland Is	OH0	OH5O Dir	EU-002	80-17	S	KP00mk	NE	4040
Aug 31	Sep 08	Aruba	P4 (tbd)	A15P	SA-036	80-10		FK52mc	S	1952
Sep 24	Oct 14	Tuvalu	T2GC	LotW	OC-015	160-6		RI91ol	W	7475
Sep 12	Sep 16	Palau	T88KH	BM2JCC	OC-009	80-6	S	PJ77fi	NW	8694
Sep 20	Sep 22	Palau	T88QB	JF2SQB	OC-009	80-10		PJ77fi	NW	8694
Aug 28	Sep 03	Palau	T88WJ	JS3LSQ	OC-009	80-10		PJ77fi	NW	8694
Aug 31	Sep 07	Iceland	TF/K2HVN	K2VHN	EU-021	30-10	C,S	IQ14ej	NNE	2969
Aug 23	Sep 04	Beleze	V31TA	eQSL	NA-123	80-10	S	EK67ck	SSW	1755
Sep 28	Oct 04	Micronesia	V63WJ	JS3LSQ	OC-010	15,10	R	QJ98aa	WNW	7743
Sep 24	Sep 28	Marshall Is	V73A	JH3QFL	OC-029	80-10		RJ57pb	WNW	7167
Sep 24	Sep 28	Marshall Is	V73GW	JR3GWZ	OC-029	80-10		RJ57pb	WNW	7167
Sep 24	Sep 28	Marshall Is	V73H	JJ3CIG	OC-029	80-10		RJ57pb	WNW	7167
Sep 24	Sep 28	Marshall Is	V73YL	JP3AYQ	OC-029	80-10		RJ57pb	WNW	7167
Sep 24	Sep 28	Marshall Is	V7EME	JH3AZC	OC-029	80-10		RJ57pb	WNW	7167
Sep 19	Sep 25	Cocos Keeling	JA0JHQ/VK9C	JA0JHQ	OC-003	80-6	C,S	NH87kv	NNE	10445
Sep 03	Sep 08	Turks & Caicos	VP5/KO8SCA	LotW	NA-003(?)			FL42aa	S	1250
Sep 24	Sep 30	Vietnam	XV2VTC	VK6LC Dir	AS			OK3onj	NW	8971
Sep 03	Sep 07	Vanuatu	YJoNH	LotW	OC-035	80-6	C,S	RH42dg	W	8446
Sep 18	Sep 30	Zimbabwe	Z21MG	LotW	AF	160-10	C,S,D	KH52me	E	7805

*Modes: C=CW, D=Digital, R=RTTY, S=SSB

September 2015						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3 HCARC MEETING 7pm	4	5 Region 1 Field Day; TN QSO Party
6	7 <i>Labor Day</i>	8	9 License exams by appointment	10	11 <i>9-1-1 Day</i>	12 GSARA 'fest; VHF Contest; AR QSO Party
13 <i>Rosh Hashannah 5776 begins at sundown</i>	14 Noon get- together at HC Diner	15	16	17	18	19 DVRA 'fest; NJ QSO Party; SC QSO Party
20	21	22 <i>Yom Kippur begins at sundown</i>	23 Executive Board Meeting 10am	24	25	26 OMARC 'fest; ME QSO Party; TX QSO Party
27	28 Noon get- together at HC Diner	29	30	1 HCARC MEETING 7pm	2	3

For contest information, see <http://www.arrl.org/contests> & <http://www.hornucopia.com/contestcal/contestcal.html>