www.hcarc.us

May 2019

Toms River, NJ

Our May Meeting

Our next regular meeting is scheduled for May 2nd at 7:00 pm at the usual place (Holiday City South, Building A, Room 1). See page 3 column 2 if you need directions.

The 3Y0I Bouvet Island Expedition

The "Rebel" expedition to Bouvet Island ran into very severe weather within 70 km of the the island, and had to turn back to Cape Town. They intend to try again in the fall (or maybe winter). For an interesting description of the island, known as the most isolated place on Earth, check out:

https://www.volcanocafe.org/the-island-at-the-end-of-the-world-bouvetoya/

License Exams

Larry Puccio K2QDY notes that on April 10, Zalmy Rosenberg KD2KYZ passed the General exam, and now holds a General Class amateur radio license. Congratulations, Zalmy.

We give FCC license exams on the second Wednesday of each month, except when there are no applicants. To take an exam for a new license and/or upgrade, contact Larry 732-349-2950 for information and an appointment.

Say "Happy Birthday" To

Joe Militano KC2QLA

And "Happy Anniversary" To

Charlie & Robin Lamb

John & Nancy Roberts

The Get-Togethers

There's a small group of us who meet locally on Mondays for 9am breakfast or noon lunch. See the calendar on the last page for the time and place schedule.

The Holiday City Diner is on Mule Road near Davenport Rd, and Lisa's is a pizzaria restaurant in the strip mall on Route 37 opposite the North end of Mule Road. All friends of HCARC are welcome to join in for lunch and/or breakfast.

Hamfests & Conventions

Of course, the biggest "hamfest" of the year is the "Dayton Hamvention", at the Greene County Fairgrounds in Xenia, Ohio https://hamvention.org/

But if you haven't made plans to go there this year, you might want to settle for one that's easier to get to.

I mean the Warminster Hamfest at the Bucks County College in Bristol, PA on May 5th. After you cross the Burlington Bristol Bridge, just follow the highway about a mile, and look for it on the right, at the Rockview Drive intersection.

See http://www.k3dn.org/hamfest/

As with most hamfests, you should try to be there early in the morning.

CORRECTION

In the April Issue of SKYHOOK, I made an error in the wording of the formula for radiated power, which should have read "the current squared, times the radiation resistance".

NEXT REGULAR MEETING: Thursday May 2nd 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

May, 2019

The new website for the SNJ section of the ARRL is http://snj.arrl.org

Under the ARES section, all the way at the bottom of the page, you can now find the new Section Emergency Operations Plan. During a section review of the plan, five potential challenges were identified and are listed below:

DOTENITE AT	CONCIDED ATIONS
POTENTIAL CHALLENGES	CONSIDERATIONS
1. Is there a back-up plan for communicating with all Counties assuming loss of the C4FM network?	➤ Have local teams tested communications with neighboring County team primary repeaters? ➤ Has local team tested HF communications with other County Teams?
2. Does each County team have a plan for loss of its primary repeaters, power or antenna failure?	 Can secondary repeater(s) cover the County? Has the local team tested simplex capabilities? Do members know what to do if repeater is down?
3. Have multiple frequencies been tested between shelters/hospital and net control?	Is simplex an alternative?Is it possible to relay message on simplex?
4. Is there an activation plan for a total telecommunication disruption?	➤ Establish single repeater and simplex frequency to monitor in the event of disruption?
5. How can digital message handing be expanded, since it's faster and more accurate than voice messages?	➤ Testing and expanding NBEMS, PACKET and/or Winlink used by other Sections of the Division?

An investigation of challenges and considerations indicates that challenges 2 through 4 are local county items. Some counties ARES teams have already identified these potential challenges, conducted research, tests, and determined considerations. In Ocean county, the local Ocean County ARES Emergency Plan does address items 2 through 4. At this time Ocean County is also researching the use of HF communications should a failure of the C4FM, SCERN Internet link fail.

Ohio has already tested Near-Vertical Incidence Skywave (NVIS) propagation and even holds an annual event to demonstrate that it works. On April 13, Ocean County conducted one such test between Camden, Atlantic and Ocean County with great success. Base and mobile type NVIS antennas were used on 80 meters, LSB, phone, to make contact across the state using 50 watts or less. Further tests are planned and this item was heavily discussed at the April 17th ARES meeting at the Ocean County EOC.

At the April 17th ARES Meeting, Tim – NJ2N was also presented with an appointment as Assistant Emergency Coordinator (AEC) by Bob – WX2NJ. Tim's specialty will be APRS, NVIS and direction finding.

Also, Rick – N2RPQ, has been appointed by Tom – N2XW as Section Webmaster and reports directly to the section PIO, Jennifer Robinson – KD2EYR. Rick was responsible for the development of the new SNJ website and will be maintaining it.

I would also like to thank Tim – NJ2N and Paul – KB2RUV for a great presentation on APRS at the April Holiday City Amateur Radio Club meeting. Tim and Paul also provided the event debrief for the Ocean County ARES fox hunt that was held on March 23rd, at the last ARES meeting on April 17th. Ten operators participated in the hunt and APRS was used to allow Net Control to direct the hunt from bearings called in by field operators. This was a good demonstration of one of the capabilities of APRS not used on a daily basis.

73 de WX2NJ

Bob Murdock

Ocean County Amateur Radio Emergency Service® EC

Nocturnal Creative Problem Solving

By Urb LeJeune W2UL

Introduction:

Concentration is a disarmingly simple card game which is played by two or more people. The 52 cards of a well-shuffled deck are laid out on a surface face down.

For this introduction we'll assume there are two players, Romeo and Juliette.

Juliette wins the coin toss and goes first. She picks up two cards at random, and if they match she takes the pair and places them face up in from of her, and selects two additional cards.

If she doesn't produce a match, she puts the cards, face down, into their original position, and Romeo selects two cards.

When there are no longer any cards face down, the player with the most matches wins the game.

Here is a friendly piece of advice:

If you're an adult, don't even think about playing this game with a five year old unless you can handle total humiliation.

A 52 card deck has 26 possible matches, and a five year old frequently captures 20 or more matches.

How can this be, and can a study of this phenomenon help us learn anything that might be helpful with future problem solving challenges?

First, let's reject any thought that the five year old is just lucky with the first game, because they will bash us consistently.

What property do they possess that the average adult lacks?

The answer is total concentration.

Youngsters don't have a multitude of seemingly insignificant thoughts running around inside their heads. We adults are burdened with thoughts about relationships, how to explain to the boss that we're about to miss a deadline, and so on.

[Continued on next page]

Our VE Crew

Larry <u>K2QDY</u> (Liaison) 732-349-2950, Urb <u>W1UL</u>, John <u>KQ4WR</u>, Stan <u>KB2PD</u>, Steve <u>N2WLH</u>, Murray <u>KD2IN</u>, Larry <u>WA2VLR</u>, Tony <u>KD2GSO</u>.

License exams are given by appointment at 6:30pm 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 an appointment.

<u>Directions</u>: From either Route 37 W or Davenport Road, take Mule Road to Santiago Drive. Clubhouse A is the building nearest the street corner.

CLUB COMMITTEES

<u>Refreshments</u> :	Tony <u>KD2GSO</u>	732-930-5779
<u>Webmaster</u> :	Steve N2WLH	N2WLH@yahoo.com
<u>Programs</u> :	Tony KD2GSO	732-930-5779
<u>Sunshine</u> :	Dave WA2DJN	WA2DJN3@verizon.net
<u>Field Day</u> :	Larry <u>K2QDY</u>	732-349-2950
<u>VE Sessions</u> :	Larry <u>K2QDY</u>	732-349-2950
<u>Membership</u> :	Doug <u>KC2TZC</u>	732-928-2316

Holiday City Amateur Radio Club

Toms River, New Jersey Web Site www.hcarc.us

President	John Sawina	NA2R	908-625-5622
Vice President	Billy Locke	KD2MHA	732 281-0151
Secretary	John Perry	KD2NDY	732-349-2705
Treasurer	Larry Puccio	K2QDY	732-349-2950
Executive Board	Doug Poray	KC2TZC	732-928-2316
Executive Board	John Roberts	KQ4WR	732-966 4665
W2HC Trustee	Larry Puccio	K2QDY	732-349-2950

 $\frac{Membership}{L} 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 $30.00 per family.$

 $\underline{\text{Meetings}}$ are held on the first Thursday of every month, at 7:00 pm, except December.

<u>Location:</u> Meeting Room #1 in the Holiday City South Clubhouse A. <u>Directions</u>: 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 <u>KQ4WR</u> 7 Lincoln Ct. Whiting, NJ 08759-1505 e-mail <u>KQ4WR@arrl.net</u> 732 966 4665 Some people claim that a regimen of yoga permits focusing on a single topic.

I never was able to reach such an exalted level of mindcontrol.

However I did discover a way to harness very high levels of concentration, quite by accident.

I didn't enter a college classroom until I was 46 years old.

My initial reason for taking a college course was to learn how to program a computer.

Like many people, I thought computer programming was about syntax, but it's not; it's primarily about logic and problem solving.

Early on in my first course I was wrestling with a pesky problem.

My program compiled successfully, meaning the syntax was correct, but the program seemed to have a mind of its own, and refused to do what I wanted.

It's a cliche in the computer field that a program does what you tell it to do, not what you want it to do.

One night an interesting thing happened.

I was thinking about my elusive program as I was falling asleep.

Several hours later I woke up with the solution to the problem.

I want back to sleep thinking I had accomplished a major breakthrough.

In the morning I remembered waking up in the middle of the night with the solution, but I didn't remember what it was.

From that point on, when I had a programming problem, I kept a listing of the program on my night table, and if I awoke in the middle of the night, I made notations on my program listing.

I also kept a pocket notebook on my night table in case I came up with the solution to a non-computer problem.

After several months, I additionally discovered I no longer had to make notes on my listings in the middle of the night; I remembered them in the morning.

That was about 40 years ago and I practice this same methodology today.

What was the mechanism allowing me to harness my nocturnal creative problem solving abilities, and could it be replicated by others?

Over this ensuing 40 year period I have exposed the "problem solve while you sleep" methodology to countless numbers of people, and only a few could not duplicate my success.

I'll leave the explanation of the modality to those infinitely more qualified with the working of the mind than I possess.

From a simplistic layman's point of view, I think that when we sleep, we regress to the mind set of that wonderful five year old, who whopped us at Concentration.

I also believe, based on much experience, that we can train our minds to take directions for nocturnal subject matter selection.

How does this apply to ham radio in general, and ham cramming specifically?

When using this website, try and do a study session and test session every day.

When going to sleep, think about the associations you made, connecting the questions with the correct answers.

I'll wager you a cup of coffee you'll start processing the relationships while you sleep within a few nights.

Epilogue:

I confess my mind does not comprehend the mechanism our mind uses to solve problems in our sleep.

But I do know it works and that's good enough for me.

When not writing newsletter articles Urb is usually working on his website, ham-cram.com. The site has three distinguishing characteristics:

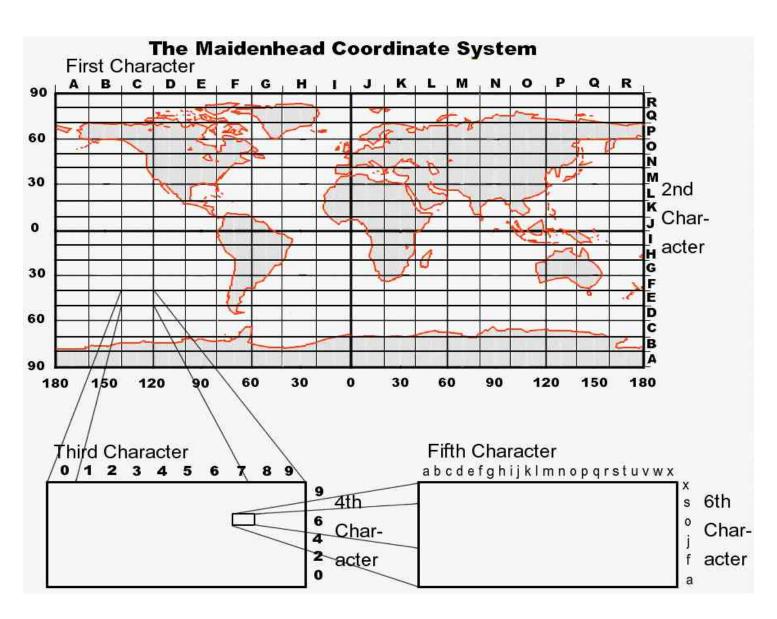
- 1. Only correct answer are studied,
- 2. Only questions most likely on the actual test are studied.
- 3. It's totally free.

Larry Puccio K2QDY Worked:

Date	М	ode	Freq	Callsign	Entity	Location		
04/20/	19	CW	18.080	GB0SNB	England* ear Bunker	J001dg	3512	NE
04/20/	10					I/M72	E722	NIE.
04/20/		CW	7.006	4Z5AD	Israel	KM72ma	5722	NE
04/10/		CW	7.024	VE2PID	Ontario	F053aa	925	N
03/31/	19		14.178	KL7RA	Alaska**	BP54aa	3366	NW
00 (04 (est Group		1010	_
03/31/			21.293	PJ2T	Curacao	FK52jf	1942	S
03/31/			21.252	TI7W	Costa Rica	EK80aa	2154	SSW
03/31/			21.329	P40L	Aruba	FK52am	1915	S
03/31/	19	SSB	21.348	PJ4R	Bonaire	FK52ne	1949	S
03/31/	19	SSB	21.345	CE2CT	Chile	FG40ma	4841	S
03/31/	19	SSB	21.340	НКЗТК	Colombia	FJ35aa	2415	S
03/31/	19	SSB	21.288	P44W	Aruba	FK52am	1915	S
03/31/	19	SSB	21.243	PU2UD	Brazil	GG87ja	4789	SSE
03/31/	19	SSB	21.261	PT2A	Brazil	GG87ja	4789	SSE
03/31/	19	SSB	21.266	PR4T	Brazil	GG87ja	4789	SSE
03/31/	19	SSB	21.282	WP4X	Puerto Rico	FK68vm	1557	SSE
03/31/	19	SSB	21.304	FG4KH	Guadeloupe	FK96eg	1807	SSE
03/31/		SSB	21.367	РЈ4К	Bonaire	FK52ne	1949	S
03/31/				PS2T	Brazil	GG87ja	4789	SSE
03/31/		SSB		WP3DX	Puerto Rico	FK68vm	1557	SSE
03/31/		SSB		CV7S	Uruguay	GF16va	5240	SSE
03/31/			21.308	ZY2A	Brazil	GG87ja	4789	SSE
03/31/			21.279	PX4A	Brazil	GG87ja	4789	SSE
03/31/		SSB		LU5FB	Argentina	GF06ta	5211	SSE
03/31/		SSB		ZV2C	Brazil	GG87ja	4789	SSE
03/31/		SSB		PZ5RA	Suriname	GI24ma	3405	SSE
03/31/		SSB		9A1A	Croatia	JN75sd	4341	NE
03/31/				IR8DIR	Italy	JN62ma	4343	ENE
03/31/		SSB		CR6T	Portugal	IM58jp	3400	ENE
		SSB			Morocco		3631	ENE
03/31/3				CN8CO		IM63aa		
03/31/3		SSB		II8K SP1NY	Italy	JN62ma	4343	ENE
03/31/3			14.272		Poland	K000aa	4349	NE
03/31/3		SSB		TM6M	France	JN18dt	3669	NE
03/30/			14.337	VB7R	Canada	<pre></pre>	2400	
03/30/			14.329	CR6K	Portugal	IM58jp	3400	ENE
03/30/		SSB		I050	Italy	JN62ma	4343	ENE
03/30/			14.314	CR6P	Portugal	IM58jp	3400	ENE
03/30/			14.310	M7K	England -	IO91wm	3506	NE
03/30/			14.293	IO4X	Italy	JN62ma	4343	ENE
03/30/			14.278	EA5DFV	Spain	IN80dj	3620	ENE
03/30/	19		14.270	TM29X	France	JN18dt	3669	NE
03/30/	19		14.189	S57AL	Slovenia	JN76hc	4269	NE
03/30/	19		14.186	LZ9W	Bulgaria	KN12pq	4757	NE
03/30/	19	SSB	14.189	S57AL	Slovenia	JN76hc	4269	NE
03/30/	19	SSB	14.187	I09A	Italy	JN62ma	4343	ENE
03/30/	19	SSB	14.163	HA3NU	Hungary	JN97nm	4403	NE
03/30/	19	SSB	14.195	OM2BH	Slovak Rep	J080ac	4192	NE
03/30/	19	SSB	14.198	DP6M	Germany	J031aa	3768	NE
03/30/	19	SSB	14.214	YT5A	Serbia	KN04gv	4557	NE
03/30/	19	SSB	14.227	HA8A	Hungary	JN97nm	4403	NE

Russ Young, WA2VQV Worked:

CALLSIGN	DATE	UTC	FREQ	MODE	ENTITY	IOTA	LOC	MILES	DIR
C31CT	20-Mar-19	2136Z	30M	CW	ANDORRA		JN02sm	3895	ENE
VE7ANC/VE1`	24-Mar-19	0225Z	40M	CW	BELL IS., NOVA SCOTIA, CAN.	NA-081	FN96pc	896	NE
PJ2/K7FA	24-Mar-19	1648Z	17M	CW	CURACAO	SA-099	FK52jf	1882	SSE
XR0ZRC	25-Mar-19	2053Z	17M	CW	JUAN FERNANDEZ IS., CHILE	SA-005	FF06ni	5020	S
C5DL	4-Apr-19	0015Z	30M	CW	THE GAMBIA		IK13ma	3969	Е
VE7ACN/CK9	8-Apr-19	0114Z	40M	CW	WHITE HEAD IS., CANADA	NA-014	FN64pp	597	NE
AM70R	9-Apr-19	1827Z	20M	CW	SPAIN		IN80dj	3706	ENE
LZ2HR	9-Apr-19	1838Z	20M	CW	BULGARIA		KN12pq	4850	NE
LZ1MS	9-Apr-19	1854Z	20M	CW	BULGARIA		KN12pq	4850	NE
PY4VG	20-Apr-19	1556Z	15M	CW	BRAZIL		GH90lm	4607	SE
LU6OA	21-Apr-19	1738Z	15M	CW	ARGENTINA		FG75in	4427	S
YV4ABR	21-Apr-19	1753Z	15M	CW	VENEZUELA		FK60af	2034	SSE
HR5/F2JD	23-Apr-19	2244Z	30M	CW	HONDURAS		EK64ma	1859	SSW



Some DX Opportunities

Callsigns shown in alphanumeric order

Mode codes: 8 = JT8, C = CW, D = Digital, J = JP4, P = PSK31, R = RTTY, S = SSB, T = SSTV.

Bands: "Low" usually means 160, 80 & 40m.

Start	Finish	Call	Entity	IOTA	Bands	Modes	QSL Via	Grid	Miles	Dir
May 11	May 10	202	Fili	00.016	40 12	c	ר בחוולחא	DIIO 2 d m	7070	IJ
May 11	May 16	3D2	Fiji	0C-016	40-12m	S,C	KD7WPJ ?	RH92jm	7879	W
May 02	May 05	3D2AS	Fiji	0C-016	10-10m	S,8	M00X0	RH92ma	7886	W
May 20	May 22	3D2AS	Fiji	OC-016	40-10m	S,8	M00X0	RH92ma	7886	W
May 25	Jun 02	4L9S	Georgia	15 012	80-10m		OE1ZKC	LN21mm	5646	NE
May 07	May 10	8Q7NH	Maldives	AS-013	160-6m	C,8	LoTW	MJ63oe	8818	NE
May 23	May 28	9M6NA	East Malaysia	0C-133	6m	8	LoTW	0J75oh	9257	NNW
May 15	Jun 05	FR/F4HPX	Reunion	AF-016	40-15m	S,8,c	F4HPX ?	LG79sa	9227	E
May 08	May 22	FW/G0VJG	Wallis & Futuna	0C-054	40-6m	S,8	M00X0	AH16vq	7438	W
Apr 30	May 05	GJ6EFW	Jersey	EU-013		S,C,D	ON6EF	IN89vh	3465	NE
May 02	May 02	HQ9D	Honduras		20-17m	C,S,8	LoTW	EK64ma	1952	SSW
May 07	May 15	J79TA	Dominica	NA-101	"Low"	C	M00X0	FK95ij	1869	SSE
May 07	May 15	J79U	Dominica	NA-101	"Low"	C	M00X0	FK95ij	1869	SSE
May 06	May 15	J88PI	St Vincent	NA-025	40-10m	S,8,t	GW4DVB Dir	FK92ho	2047	SSE
Apr 28	May 04	JD1BMH	Ogasawara	AS-031	40-10m	C,S,R	JD1BMH Buro	QL07mm	7256	NNW
May 25	Jun 01	LX/GM4UYE	Luxembourg		40-6m	S,C,R,8	LoTW	JN39ga	3842	NE
May 10	May 12	LX8SAR	Luxembourg		80-10m	S,C,8	LX8SAR Buro	JN39ga	3842	NE
Apr 27	May 01	MD0HWX	Isle of Man	EU-116	40-10m	C,D	JF10SL dir	I074sa	3285	NE
Apr 27	May 01	MD0ITP	Isle of Man	EU-116	40-10m	C,D	JH0CJH dir	I074sa	3285	NE
Apr 27	May 01	MD0IUX	Isle of Man	EU-116	40-10m	C,D	JR1NHD dir	I074sa	3285	NE
May 05	May 11	OA3/AC0PR	Peru		40-15m	C,qrp	LoTW	FH18ma	3595	S
May 04	May 11	OJ3W	Market Reef	EU-053	60&30m	С	OH3WS	JP90mh	3980	NE
May 22	May 29	S97HA	Seychelles	AF-023	"Low"	C,s	LoTW	LI75ri	8482	ENE
May 25	Jun 14	SV5/DL3DRN	Dodecanese	EU-001	80-10m	C,S,R	LoTW	KM36xd	5227	NE
Apr 25	May 01	SV9/OH1VRI	Crete	EU-015	80-10m	C,s	OH1VR dir	KM25hj	5116	ENE
May 24	Jun 13	TG9BBV	Guatemala		80-12m	C,8,s	LoTW	EK44so	2008	SW
Apr 27	May 08	T019A	Reunion	AF-016	"Low"		9A2AA	LG79sa	9227	E
May 01	May 01	V31D	Belize	NA-073	20-17m	C,S,8	LoTW	EK57um	1764	SSW
May 13	May 19	XV9B0	Vietnam		160-10m	S,C,R,8	LoTW	OK40dw	8922	N
Apr 27	May 04	XV9XX	Vietnam		30-17m	C	LoTW	0K36sl	8541	N
May 03	May 03	ZF2D	Cayman Is	NA-016	20-17m	C,S,8	LoTW	EK99sm	1460	SSW
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	May								
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday			
			1	2 HCARC Regular Meeting	3	4			
5 Warminster Hamfest, Bucks Co. College, Bristol PA	9:00 Breakfast at HC Dlner	7	License Testing by appoint. See page 3.	9	10	11			
12 Mothers Day	13 Noon Lunch at HC Diner	14	15	16	17 Dayton Hamvention (3 Days)	18 Armed Forces Day			
19 Hamvention concludes	9:00 Breakfast at HC Diner	21	22	23	24	25			
26	27 Noon Lunch at Lisa's	28	29	30	31				

How To Stop Receiving SKYHOOK

Our SKYHOOK newsletter is, of course, free, and always has been. But if you would rather not receive it, just reply "Stop Sending Skyhook" or some such thing, and we'll stop sending it to you.

Thank you.