



The SKYHOOK



HOLIDAY CITY AMATEUR RADIO CLUB

www.hcarc.us

September 2021

Toms River, NJ

The President's Corner

As heatwaves and thunderstorms roll through, I hope you are all staying safe & cool.

August saw our first in-person meeting in over a year. It was great to see everyone who could attend, and hope to see even more of you in the coming months. With the rise of Delta, however, I would personally encourage anyone who chooses to use a mask. I also plan to continue streaming in-person meetings to Zoom, although I'm still working out how to do that.

In other news, there are TWO local area hamfests in September. One is run by GSARA at 100 Tornillo Way, Tinton Falls, NJ 07712-7520, United States on Sat, September 25, from 8-12. The second, run by OMARC, is at 700 6th Ave, Spring Lake, NJ 07762-2082, on Sat, September 18, 2021 AT 7-12.

Birthdays And Anniversaries

Steve Jackson N2WLH

Janice Loscalzo

Jeanne Poray

Richard & Olivia Costanzo

Michael & Candice Larkins

Doug & Jeanne Poray

Band Plans And Limits

IARU Region 2 (recommended usage of amateur frequencies for North, Central, and South America)

<https://www.iaru-r2.org/wp-content/uploads/2020/02/IARU-Region-2-Band-plan.pdf>

US Federal Law:

(FCC Band Regulations override some of the above

See 97.301, 97.303, and 97.305 available free at www.arrl.org)

Radio Club Luncheon

On Wednesday, August 18th, club members met at the Fortune buffet for an enjoyable lunch. There were three wives of members and they enjoyed each other's company as well. The group sat together and had conversations about ham radio, astronomy and other topics. It was suggested that we start up the club luncheons again as we have had before the virus interpreted all of our lives. At our next meeting we will discuss this and determine how many would attend. One common thread at the end of the lunch was that we all ate too much.

Southern NJ Section News

September 2021

Tom Preiser N2XW SNJ Section Manager
n2xw@arrl.org

September is here and Fall is just around the corner. There was a lot going on in August. Fires out West, Hurricanes passing along the coast, and many hot and humid days. Keep a watch out for more hurricane activity as we are still in the peak of the season during September. Also let us take time to remember the Silent Keys in Southern New Jersey. I have received many reports of Silent Keys from many clubs. It is sad to see them go, but please remember them by continuing to promote Amateur Radio. [Continued =>]

OUR REGULAR MEETINGS:

**First Thursday of each month at 7:00 PM
Holiday City South Clubhouse A
Santiago Drive at Mule Road
Toms River, NJ**

The big news for the Southern New Jersey Section is the **Gloucester County Amateur Radio Club Hamfest and Southern New Jersey Section Convention**. It will be held on September 12, 2021 at the Gloucester County 4-H Fairgrounds in Mullica Hill. Admission is \$10 and doors open at 8 AM. Atlantic Division Director Tom Abernathy W3TOM will be there and be speaking in the morning. There are also many other good presentations planned. For more information go to their website www.w2mmd.com .

Also mark your calendars for the **ARRL Simulated Emergency Test (SET)**. ARRL SNJ Section Emergency Coordinator Tom Devine WB2ALJ has been busy working with a planning committee to come up with plans for this year's exercise. The SET will take place on Saturday October 2, 2021. Contact Tom wb2alj@arrl.net for more information.

The **NJ QSO Party** will take place on September 18th from Noon till 11:59 EDT. The contest is sponsored by the Burlington County Radio Club K2TD. Check out more information at

<http://www.k2td-bcrc.org/njqp/index.html> Hope to hear a lot of South Jersey on the air that afternoon.

FCC Application Fees Unlikely to Go into Effect Until 2022

The schedule of FCC amateur radio application fees likely will not go into effect before 2022. FCC staff confirmed during a recent virtual meeting with Volunteer Examiner Coordinators (VECs) that the agency is still working on the necessary changes to the Universal Licensing System (ULS) software and other processes and procedures that must be in place before it starts collecting fees from amateur applicants. Earlier this year, the FCC said it would not start collecting fees from amateur applicants before this Summer. The new estimate is that the fees won't go into effect until early next year.

Once it's effective, the \$35 application fee will apply to new, modification (upgrade and sequential call sign change), renewal, and vanity call sign applications. All fees will be per application. Administrative update applications, such as those to change a licensee's name, mailing, or email address, will be exempt from

fees. ARRL VEC manager Maria Somma, AB1FM, said Volunteer Examiner (VE) teams will not face the burden of collecting the \$35 fee.

"Once the FCC application fee takes effect, new and upgrade applicants will pay the exam session fee to the VE team as usual, but they'll pay the \$35 application fee directly to the FCC using the FCC Pay Fees system," she explained. When the FCC receives the examination information from the VEC, it will email a link with payment instructions to each successful candidate who then will have 10 days from the date of the email to pay.

After the fee is paid and the FCC has processed an application, examinees will receive a second email from the FCC with a link to their official license. The link will be good for 30 days. Licensees also will be able to view, download, and print official license copies by logging into their FCC ULS account. The FCC no longer provides printed licenses.

ARRL Now Provides Free RF Exposure Calculator

The FCC has adopted guidelines and procedures for evaluating environmental effects of RF emissions. Under the new FCC rules, some amateurs need to perform routine station evaluations to ensure that their stations comply with the RF exposure rules. This can be as simple as running an online calculator to determine the minimum safe distance between any part of your antenna and areas where people might be exposed to RF energy from your station. Although amateurs can make measurements of their stations, evaluations can also be done by calculation.

The FCC guidelines already incorporate two tiers of exposure limits based on whether exposure occurs in an occupational or "controlled" situation, or whether the general population is exposed or exposure is in an "uncontrolled" situation.

To make this easy for amateurs, ARRL now provides an **RF Exposure Calculator** on its RF Exposure page

<http://arrl.org/rf-exposure-calculator> .

To use the calculator, enter your transmit peak-envelope power (PEP) and operating mode, and answer the questions about the maximum amount of time you might be transmitting. The calculator will give you the minimum distance people must be from your antenna and human exposure.

VE News

On Wednesday August 11th the Holiday City ARC Volunteer Examiners held their VE session at the Holiday City South clubhouse at 6:30 PM. The VEs in attendance were Steve Jackson, Michael Larkins, John Roberts, and Stan Stafiej. Larry Puccio is the Liaison member. We had three candidates. Two candidates passed the Technician class test and one of them had also studied for the General Class test. He passed that test also. The third candidates had a Technician grade license and took the General Class test. Unfortunately he had not taken any sample tests and did not pass the General Class test.

Larry Puccio

K2QDY

Samuel Morse

One if by land! Two if by sea! On the opposite shore shall be! Famous words of Paul Revere. Years later Samuel Morse created a far better way to communicate. In 1838 Samuel Morse patented the telegraph. At the time of the Civil War, the telegraph was roughly twenty years old. US Congress was the only investor in the invention. Congress used the telegraph to hire operators to talk about weather. As the war approached the military started to use the telegraph to order supplies. Abraham Lincoln was the first figure to take note of the telegraph for what it was, an unbelievable machine capable of helping the country through the war. The telegraph became Lincoln's eyes and ears. Every day he found more productive ways to use the telegraph so the war would end early. The president would give communications and orders to his generals in the field. He wanted his troops to know that his presence was with them and that America was by their side. He used the telegraph to communicate leadership and transform the nature of his presidency. Without the telegraph it may be fair to say the United States would not have managed to win the Civil War. The telegraph was a one wire system and required sets every few miles.

The Morse code is named after Samuel Morse of USA who developed it in 1838. He also patented the telegraph in 1840 and was credited with the invention of telegraph. The first message in Morse code was tapped out in the United States over a telegraph line from Baltimore to Washington by Samuel Morse on May 24, 1844. The message was, 'What hath God wrought'.

I hope you enjoyed this article on the telegraph. How far have we come from "One if by land two if by sea".

Grace Puccio

Holiday City Amateur Radio Club

Toms River, New Jersey

Web Site www.hcarc.us

President	Mike Carson	K20QF	917-830-4225
Vice President	Carl Lee	W2PTZ	732-575-7558
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	732-350-1162
W2HC Trustee	Larry Puccio	K2QDY	732-349-2950

CLUB COMMITTEES

Refreshments:	Marge	KD2LNT	pearl1122@comcast.net
Webmaster:	Steve	N2WLH	N2WLH@yahoo.com
Programs:	(open)		
Sunshine:	(open)		
Field Day:	Larry	K2QDY	732-349-2950
VE Sessions:	Larry	K2QDY	732-349-2950
Membership:	Doug	KC2TZC	732-928-2316

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 normally held on the first Thursday of every month, at 7:00 pm, except in December.

Location: Meeting Room #1 in Holiday City South Clubhouse A.

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.

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Ocean County ARES® News

September 2021

The next Ocean County ARES VE Session will be September 21st at the Ocean County EOC. Testing is by appointment only. Contact Lead VE, John – N2LD for details and an appointment.

On Wednesday, August 18th, Ocean County ARES had an in-person meeting for the first time since the first quarter of 2020. WX2NJ introduced a VARA FM Go-Kit and described how to set up a VARA FM station, linked with Winlink to send messages through an RMS Gateway. VARA FM is greatly faster than packet and replaced the WX2NJ-10 Gateway that ran Packet since 2008 with VARA. Contact was made with WX2NJ-10 from the EOC using an external antenna and 5 watts and Winlink traffic was passed.

The meeting also included a mini-hamfest with a table filled with estate donated gear for the picking.



Ocean County ARES is acting as a clearing house for two significant estate donated items of interest. One is a US Tower, Motorized 4 section, Model HDX-572MDPL, 72 foot height Tower and the second is an Alpha 9500, Microprocessor Controlled HF Linear Amplifier.

The tower is located at a residence in Lakewood and must be removed and transported by the buyer. The tower is a tilt-over design and there is room to fit a vehicle in the back yard of the property.

The Alpha 9500 Amplifier is in the possession of Ocean County ARES and is currently being tested to ensure 100 percent operability. It was completely overhauled by the manufacturer in 2016 and looks like the day it was made. Alpha, made by RF Concepts, is currently closed due to COVID and the 9500 is on backorder for many that want it. It is rated for 1500 watts output with



50 watts input. The power input can be 120 VAC, but the output would be limited to 1000 watts. For full output, a 220 VAC, 20 amp supply is needed. The unit is rated for continuous key down service. The output tube is a 8877 high-mu external-anode triode ceramic design. The operating frequency is 1.8 to 29.7 MHz (other than the 60 meter band). The unit can also be PC controlled using software by RF Concepts.

Any operator interested in purchasing the tower or amplifier are asked to contact WX2NJ. Ocean County ARES plans on presenting these items at the Gloucester County Radio Club Hamfest in September if not sold before then.

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

Russ Young WA2VQV Worked



DATE	UTC	FREQ	CALLSIGN	ENTITY	GRID	DIST	DIR	IOTA
07/12/21	0112Z	14025	KP2B	US VIRGIN IS.	FK77ps	1595	SSE	NA-106
07/16/21	1927Z	14038	OH0SCA/8	FINLAND	JP90we	4106	NE	
07/19/21	2056Z	14027	S01980LL	POLAND	K002mg	4404	NE	
07/19/21	2235Z	14017	LZ3ND	BULGARIA	KN22dq	4893	NE	
07/19/21	2256Z	14010	XE1XR	MEXICO	EK09kk	1953	SW	
07/20/21	2018Z	14007	S5030R	SLOVENIA	JN76hc	4364	NE	
07/20/21	2025Z	14006	EA5M	SPAIN	IM98cc	3866	ENE	
07/20/21	2029Z	14019	9A2AJ	CROATIA	JN85oj	4496	NE	
07/20/21	2321Z	14036	C6AZM	BAHAMAS	FL05ir	937	SSW	NA-001
07/20/21	2342Z	14075	C6AYW	BAHAMAS	FL05ir	937	SSW	NA-001
07/25/21	2233Z	14023	S01980LL	POLAND	K002mg	4404	NE	
07/26/21	0004Z	14025	CT9/DL5LYM	MADEIRA	IM12nt	3251	ENE	AF-014
07/26/21	0127Z	14023	KP4JRS	PUERTO RICO	FK68xi	1527	SSE	NA-099
07/28/21	2139Z	14026	CT9ABN	MADEIRA	IM12ju	3232	ENE	AF-014
07/30/21	0007Z	14028	4Z4DX	ISRAEL	KM71jd	5846	NE	
07/30/21	2221Z	14003	UG1B	EUROPEAN RUSSIA	K059ew	4429	NNE	
07/30/21	2238Z	14009	OK8AU	CZECH REPUBLIC	JN79gx	4233	NE	
07/31/21	2013Z	21010	FS/W6IZT	ST. MARTIN	FK88ma	1625	SSE	NA-105
07/31/21	2037Z	18075	KP2B	US VIRGIN IS.	FK77ps	1595	SSE	NA-106
07/31/21	2338Z	14015	OE3WMA	AUSTRIA	JN78ve	4342	NE	
08/06/21	2348Z	14005	OA1F	PERU	FI03bf	3169	S	
08/08/21	2032Z	14001	SX200JAO	GREECE	KN10dn	4894	NE	
08/09/21	2122Z	14020	R109WWS	EUROPEAN RUSSIA*	K085ss	4813	NNE	
08/09/21	2332Z	14021	EC1RS	SPAIN	IN82sl	3711	ENE	
08/12/21	2358Z	14015	S51DX	SLOVENIA	JN75dx	4354	NE	
08/13/21	0140Z	14025.5	R090FA	ASIATIC RUSSIA	M064tr	5717	NNE	
08/13/21	2041Z	14017	LZ1ZF	BULGARIA	KN22tl	4956	NE	

* R109WWS is the Russian Air Force 109 th anniversary (if anyone cares)

Larry Puccio K2QDY Worked



A Special Thank You To Our Authors

Putting together a newsletter like the SKYHOOK would be impossible without people to write articles like the ones in this issue. So, to Larry and Grace Puccio, Bob Murdock, Russ Young, John Perry, Tom Preiser, and Mike Carson, we say Thank You very much.

DATE	TIME	FREQ	MODE	CALLSIGN	ENTITY	LOC	MILES
7/24/2021	22:41	14.014	CW	OM8CW	Slovak Republic	JO80	4200 NE
7/24/2021	22:44	14.023	CW	M2W	England	IO91	3500 NE
7/24/2021	22:47	14.023	CW	G3KHZ	England	IO91	3500 NE
7/27/2021	21:54	14.019	CW	I1ULJ/8	Italy	JN62	4300 ENE
7/27/2021	22:50	14.006	CW	ON6PJ	Belgium	JO20	3700 NE
7/27/2021	23:15	14.021	CW	HK5NLJ/3	Colombia	FJ35	2400 S
7/28/2021	21:12	14.022	CW	S01980LL	Poland	KO00	4300 NE
7/28/2021	21:21	14.013	CW	DK4KK	Germany, Fed Rep of	JO31	3800 NE
7/28/2021	21:42	14.026	CW	CT9ABN	Madeira Is.	IM58	3400 ENE
8/05/2021	19:43	14.016	CW	HA8FK	Hungary	JN97	4400 NE
8/05/2021	19:48	14.018	CW	HA5OV	Hungary	JN97	4400 NE
8/05/2021	20:47	14.008	CW	LZ1NK	Bulgaria	KN12	4800 NE
8/07/2021	22:42	10.107	CW	I1ULJ/8	Italy	JN62	4300 ENE
8/07/2021	22:52	10.113	CW	TZ4AM	Mali	IK63	4400 E
8/08/2021	20:25	14.006	CW	DL6BBT	Germany, Fed Rep of	JO31	3800 NE
8/08/2021	20:51	14.020	CW	CP4BT	Bolivia	FH54	3900 S
8/08/2021	21:51	14.036	CW	R02X	European Russia	KO74	4700 NE
8/08/2021	22:07	14.026	CW	G3ZXZ	England	IO91	3500 NE
8/08/2021	22:35	14.265	SSB	CT3IQ	Madeira Is.	IM12	3200 E
8/08/2021	22:45	14.258	SSB	IK4GRO	Italy	JN62	4300 ENE
8/11/2021	16:57	14.025	CW	IK5ZUW	Italy	JN62	4300 ENE
8/11/2021	20:17	14.010	CW	5B4AMM	Cyprus	KM65	5500 NE
8/11/2021	20:25	14.021	CW	I1ULJ/8	Italy	JN62	4300 ENE
8/11/2021	20:33	14.014	CW	LZ1ZF	Bulgaria	KN12	4800 NE
8/11/2021	20:50	14.014	CW	SP8ARY	Poland	KO00	4300 NE
8/11/2021	20:57	14.019	CW	SX200ME	Greece	KM18	5000 NE
8/11/2021	21:07	14.012	CW	9K2MU	Kuwait	LL49	6400 NE
8/13/2021	23:35	14.215	SSB	IK1QHB	Italy	JN62	4300 ENE
8/13/2021	23:43	14.270	SSB	IK4GRO	Italy	JN62	4300 ENE
8/14/2021	13:33	14.041	CW	PA4M	Netherlands	JO22	3700 NE

Some DX Opportunities

In alphanumeric order of Callsign

Mode codes: 8 = JT8, 9 = JT9, A = AM, C = CW, D = Digital, E = EME, J = JP4, P = PSK31, R = RTTY, S = SSB, T = SSTV.

Bands: "Low" usually means 160, 80 & 40m. HF means 3 to 30 MHz (includes 80 to 10 meters).

Many thanks to NG3K, Wikipedia, Google Maps, the ARRL, the RSGB, DXWorld, DXNews & QRZ.com for the data.

FINISH	ENTITY	Pfx	CALLSIGN	IOTA	BANDS	MODES	QSL via	LOC	Miles	Dir	Info
20211130	Panama	HP	3F200AT				LoTW	FJ09bi	2144	S	ARLD029
20211130	Panama	HP	3F200NG				LoTW	FJ09bi	2144	S	ARLD029
2021xxxx	Guinea	3X	3X2021	FT-051	160-6m		ClubLog F1TM	IJ39ea	4274	ESE	ARLD34
20211231	Georgia	4L	4L1PJ		80-10m		N4GNR	LN04vp	5376	NE	ARLD001
20210930	Tanzania	5H	5H1IP	AF-032	160-6m	C S R 8	LoTW	KI93pu	7736	E	DXNews
20210917	Tanzania	5H	5H1IP	AF-033	160-6m	C S R 8	ClubLog	KI93qh	7762	E	DXNews
20210901	Nigeria	5N	5N7MSF		20-15m	S	per opr	JJ16mm	5260	E	ARLD020
20210915	Nigeria	5N	5N9JLH		20-15m	S	Z56AAG	JJ39qb	5380	E	ARLD022
20210902	Uganda	5X	5X3R		80-10m	S R 31	IK2DUW	KI59wn	7091	E	ARLD033
20211015	Senegal	6W	6W1/EA4ATI		80-10m	S	EA4R	IK15	3784	E	ARLD028
20220331	Japan	JA	8J100CB	AS-007			bureau	QM05bo	6781	NNW	ARLD014
20211231	Antarctica	00	8J1RL	AN-015			bureau	KC90sx	9352	SSE	ARLD004
20211231	Japan	JA	8J2SUSON				bureau	PM86tf	6800	NNW	ARLD030
20220430	Japan	JA	8N0J	AS-007			bureau	PM97cd	6729	NNW	ARLD005
20221231	Japan	JA	8N1MORSE	AS-007			bureau	PM86tf	6794	NNW	ARLD016
20211031	Japan	JA	8N7SPORT				bureau	QM081h	6591	NNW	ARLD026
20210905	Japan	JA	8NnOLP	AS-007			bureau	PM86tf	6794	NNW	ARLD018
20211013	Maldives	8Q	8Q7CQ	AS-013	80-10m	S D c	OQRS	MJ63oe	8818	NE	DXW.Net
20211231	Croatia	9A	9A10FF				9A2MF	JN85et	4355	NE	ARLD007
20220315	Zambia	9J	9J2BG		20m		HB9EWU	KI40iq	7322	E	ARLD010
20210918	Rwanda	9X	9X2AW		160-10m	C S D	M0XO	KI47ts	4054	E	DXW.Net
20211201	Rwanda	9X	9X4X		160-10m	C S R 8	Z45FI	KI47ts	4054	E	ARLD032
20210912	Trinidad & Tobago	9Y	9Y59		80-10m		LoTW	FK90ij	2193	SSE	ARLD34
20211031	Tonga	A3	A35JP	OC-049	80-6m	C S 8	LoTW	AG29ma	7693	W	JA0RQV
20211001	United Arab Emerit	A60	A60EXPO				EA7FTR	LL731p	6964	NE	ARLD34
20210930	Spain	AN5	ANSWAR		80-10m		LoTW	IM99sk	3804	ENE	ARLD34
20211231	Taiwan	BV	BX30ARL		40-6m		BM2JCC	PL05rb	7836	NNW	ARLD031
20210904	Azores	CT	CT8/W6PQL	EU-175	80-6m	8 S(20m)	W6PQL LoTW	HM58s1	2429	ENE	TDDX
20211231	Uruguay	CX	CW60ATS					GF16ww	5183	SSE	ARLD026
20210901	Angola	D2	D2FJZ		80-10m	S	CT1FJZ	JH87sx	6850	E	ARLD001
20210905	Cape Verde	D4	D4SAL	AF-086	80-10m	C S D	Opr Instr	HK68mk	3458	ESE	ARLD033
20211231	Germany	DA	D8100AVUS				D02PZ	J062rk	6019	NE	ARLD001
20211017	Rep of Korea	HL	D90EXPO				DS3BBC	PM36ns	6962	NNW	ARLD007
20211231	Germany	DA	DL65ESSEN				bureau	J0311j	3798	NE	ARLD018
20220131	Rep of Korea	HL	DS4DRE/4	AS-060	80-10m	C S	DS4DRE	PM34ig	7114	NNW	ARLD005
20211231	S. Shetland Is	—	DT8A	AN-010		C S 8	DS5TOS	GC08uc	7098	S	ARLD014
20211231	Ukraine	EM30	EM30UARL				UX7UU	KN59rb	4809	NE	ARLD34
20211231	Ukraine	UR	EM60KTS				IK2DUW	KN59rb	4810	NE	ARLD026
20211005	St Pierre & Miq.	FP	FP/KV1J	NA-032	160-6m	S C R 8 4	see web	GN16tw	1015	NE	KV1J
20211231	England	G	GB75ISWL		most hf	most	bureau	J001pu	3560	NE	ARLD004
20210928	Liechtenstein	HB0	HB0/DL5YL		160-6m		DARC Buro	JN47sd	4022	NE	TDDX
20210928	Liechtenstein	HB0	HB0/DL5YM		160-6m		DARC Buro	JN47sd	4022	NE	TDDX
20211231	Poland	SP	HF100LEM				SP9PKZ	J090xb	4347	NE	ARLD004
20210930	Hungary	HG52	HG52IEC				eQSL only	JN97mm	4400	NE	ARLD34
20240501	Haiti	HH	HH2JA	NA-096	80-6m	C S 8	LoTW	FK38um	1487	S	ARLD021
20211231	Dominican Repub	HI	HI95RCD		160-107m	C S F 8	RW6HS	FK58ak	1509	S	ARLD029
20211130	Panama	HP	HP200I		80-10m	S D	HP10AV	FJ08fw	2169	S	ARLD021
20210930	Thailand	HS	HS18IARU				E21EIC	OK03ft	8711	N	ARLD030
20211231	Italy	I	II0LXXV				bureau	JN62ks	4311	NE	ARLD026
20211022	Guinea-Bissau	J5	J5HKT			8	I2YSB or LoTIK22fa	4041	ESE	ARLD34	
20211022	Guinea-Bissau	J5	J5T			C S R	I2YSB or LoTIK22ga	4045	E	ARLD34	
20211108	St Lucia	J6	J68HZ	NA-108	160-2m	C S 8	K9HZ	FK93lu	1973	SSE	ARLD033
20210912	Hawaii	KH6	KC0PP/KH6				KC0PP dir	BL20aa	4916	W	ARLD34
20211001	Antarctica	00	KC4USV	AN-011	20m	S 8	K7MT	RB32id	9328	SSW	ARLD015
20211231	Argentina	LU	L21RCA				L21RCA	FF75qj	5170	S	ARLD004
20211231	Bulgaria	LZ	LZ190FT					KN22dg	4801	NE	ARLD003
20210914	United States	N	N3U		40 & 20m	S C d	N3U/Flt93	FN00ma	250	W	ARLD34
20210912	United States	N	N7F		40 & 20m	S 31 C	N7ALA	DM43dk	2109	W	ARLD34
20210917	Peru	OA	OA7/DD5ZZ		40-10m	8 4	DD5ZZ	FH46b1	3700	S	ARLD031
20211231	Peru	OA	OC4B		40-15m	S 8	LoTW	FH19na	3525	S	ARLD023
20211231	Peru	OA	OC6B		40-15m	S 8	LoTW	FH19na	3525	S	ARLD023
20211231	Peru	OA	OC7B		40-15m	S 8	LoTW	FH19na	3525	S	ARLD023
20220301	Finland	OH	OF60RR				OH8DR	KP20np	4156	NE	ARLD010
20211231	Finland	OH	OH100SRAL					KP20np	4156	NE	ARLD005
20211231	Czech Republic	OL	OL75KCR				ClubLog	JN79vw	4130	NE	ARLD013
20211231	Belgium	ON	OR40NOL					J021pf	3736	NE	ARLD018
20210920	Faroe Is	OY	OY/LB5SH		160-6m	S 8 C	LoTW	IP60oa	3133	NE	DXNews
20211031	Aruba	P4	P40W		160-10m*	C s	LoTW N2MM	FK52bk	1921	S	ARLD032
20210930	European Russia	RA	R100KOMI				R1II	LP51jq	4777	NNE	ARLD027
20211210	Dodecanese	SV5	SC5/G2JL		"all" 20m	"all" c	G2JL	KM37ih	5126	NE	ARLD032
20220205	Poland	SP	SN0ZOSP				SP90DM	K002mg	4310	NE	ARLD009
20220205	Poland	SP	SN100ZOSP				SP9PJ	K002mg	4310	NE	ARLD009
20210919	Dodecanese	SV5	SV5/DL2AAZ	EU-001	40-10m	S C	DL2AAZ	J040ic	3901	NE	TDDX
20210916	Dodecanese	SV5	SV5/HB90AU	EU-001	80-10m	S R 8	HB90AU	KM35no	5195	NE	DXW.Net
20211231	Greece	SV	SZ200P				LoTW	KM18te	4958	NE	ARLD016
20210914	Corsica	TK	TK/DJ0TP		80-10m		DJ0TP; LoTW	JN42jn	4135	ENE	425DXN
20211231	Australia	VK	VI50SG				bureau	QF56na	9922	W	ARLD019
20211101	Antarctica	00	VK0PD	AN-016	40 & 20m		EB7DX	OC53gr	10547	S	ARLD013
20211001	Turks & Caicos Is	VP5	VP5MA	NA-002	20-15m	8	W4HBW	FL31wt	1261	S	ARLD025
20211231	Serbia	YT	YT165TESLA				YU1MM	KN04gv	4557	NE	ARLD005
20211231	Venezuela	YV	YW200BC		80-10m	C S D	YV4KW	FK60ad	2096	SSE	ARLD019
20210913	KOSOVA	Z6	Z68XX		80-40m	C	DL2JRM	KN02	4666	NE	DL2JRM
20210930	UK Cyprus	ZC4	ZC4CBK		20	8 4	EB7DX	KM64ln	5514	NE	ARLD030
20210906	St Helena Is	ZD7	ZD7GB	AF-022	40-10m	S 8 4	per op	IH74db	5853	ESE	ARLD026
20211231	Ascension Island	ZD8	ZD8HZ	AF-003			TA1HZ	I122tb	5048	ESE	ARLD012
20210905	Brazil	PY	ZW16ZT		80-10m	S D	PY0ZT	GH49eq	6765	SSE	ARLD033

From John Perry KD2NDY:

I made contact with Burt, K1OIK, last Tuesday while surfing 40 meters. He set up his rig on the beach at Cape Cod, Massachusetts. I didn't know it at the time but he was talking to a curious eight year old. Situations like this may create an interest in short wave radio for future hams. I thought the band had faded but, as his note said, he was talking to the eight year old so he cut the conversation short. We did e-mail one another, thus the photo. Check out his call sign on QRZ- very interesting.



September

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 CONTACT Bob WX2NJ for OCEAN COUNTY ARES SCHEDULE	2 HCARC Mtg 7:00PM; GSARA 7:30	3	4 Colorado QSO Party begins at 9:00 AM ppraa.org/coqp
5 All-Asian phone 'test jarl.org/En & TN QSO party tnqp.org/rules	6 Labor Day	7	8 7:00 License Exams, for appoint email Larry K2QDY	9	10	11 ARRL VHF 'test starts 2pm see arrl.org/ &AL QSO Party
12 contest and parties continue	13	14	15	16 7:30 GSARA Zoom Meeting	17	18 NJ QSO party k2td-berc.org, also IA, TX, NH & WA parties
19 QSO parties continue	20	21	22	23	24	25 ME QSO Party ws1sm.com/MEQ P.html
26	27	28	29	30		