Our President's Message

A QSL card is a written confirmation of a radio communication between two amateur radio stations. The card is typically the size of a post card and can be sent through the mail as a post card.

In amateur radio language, QSL stands for "can you acknowledge the receipt of my message" or "I am acknowledging the receipt of your message".

The collection of QSL cards is a hobby within the amateur radio hobby; much like stamp or coin collecting. Pictures on the cards might denote famous locations or events.

It is rewarding to receive a QSL card confirming a radio communication from a person in a foreign country. The information on the card includes the call signs of the stations making the contact, the time and date the contact was made, the band used, and a signal report.

With advancing technology, the QSL has also been sent via the internet and is referred to as an "E QSL" card.

We are fortunate to have a club member who is very active in the monitoring and distribution of QSL cards. He will make a presentation at our November meeting.

It is that time of year where we should be thankful for our family and friends. I hope everyone has a safe and Happy Thanksgiving.

Doug Poray KC2TZC

Happy Birthday To:

| Doug Poray | KC2TZC |
| Paul Dobrolovich | KD2ARV |

Did we miss your birthday or anniversary? Please tell us the month. Just the month is all we need to know.

JohnKQ4WR at verizon.net or 732-359-1162.

QSL Cards

QSL Cards have been used from the earliest days of ham radio to confirm a contact. Cards contain data specific to a contact. However some people have interestingly designed cards with personal information; maybe a picture of themselves, a picture of their station or maybe a picture of the area where they live. Many Hams like to collect QSL cards and even have them in holders that they display in their radio shacks.

 QSL bureaus are established in each call area of the United States, in European countries in Asia and Australia. This makes for a cheaper exchange of QSL cards all over the world. The North Jersey DX Bureau usually handles 50 to 60 pounds of QSL cards each month.

These cards are also used for certificates issued by the ARRL or other organizations. Some of the certificates include Worked all States, Worked all Continents, Worked all Zones or the all sought after Worked 100 Countries (DXCC).

At our presentation this month we will discuss QSL cards.

OUR NEXT REGULAR MEETING:
Thursday, November 3rd
at 7:00 PM
Holiday City South Clubhouse A
Santiago Drive at Mule Road
Toms River, NJ

Ocean County ARES® News

November 2022

The following Ocean County ARES operators participated in the 2022 Simulated Emergency Test (SET): WX2NJ, KC2MTF, K2MDW, N2LD, KD2FFR, NJ2N, W2PTZ, NC1A, WB2ALJ and N2XW. Seven of the nine SNJ counties participated this year and Section Emergency Coordinator (SEC) WB2ALJ declared the exercise a complete success and thanked all who participated.

One of the lessons learned from the drill is that a greater emphasis needs to be placed on using Winlink to get messages out to all the counties versus voice message transmission. Voice takes too long and is subject to error and interference.

Winlink can be used by any licensed operator simply by using Telnet, which utilizes the Internet.The trick is, we need to be able to be independent of the Internet during emergencies. This is where Winlink modes such as VARA FM and VARA HF take center stage.

Ocean County just completed a move of VARA FM digital repeater WA2RES-14 from the Ocean County EOC to the Barnegat Tower. The Barnegat Tower was home to the first APRS digital repeater in Ocean County, which was retired on October 19th. The antenna, which is 294 feet above sea level, is now connected to VARA FM on 145.010 MHz. All Ocean County APRS signals are now digitally repeated by the Toms River digipeater on 144.390 MHz.Initial tests of WA2RES-14 show excellent connectivity with WX2NJ-10 in Bayville, KC2QVT-10 in Burlington and AC2NJ-10 in Atlantic City.SNJ SEC WB2ALJ has asked all other SNJ ARES counties to consider the installation of VARAFM digital repeaters and RMS Packet nodes in their respective counties to form a statewide link of Winlink capability with or without Internet.

Barnegat Tower with WA2RES-14 Super Station Master antenna
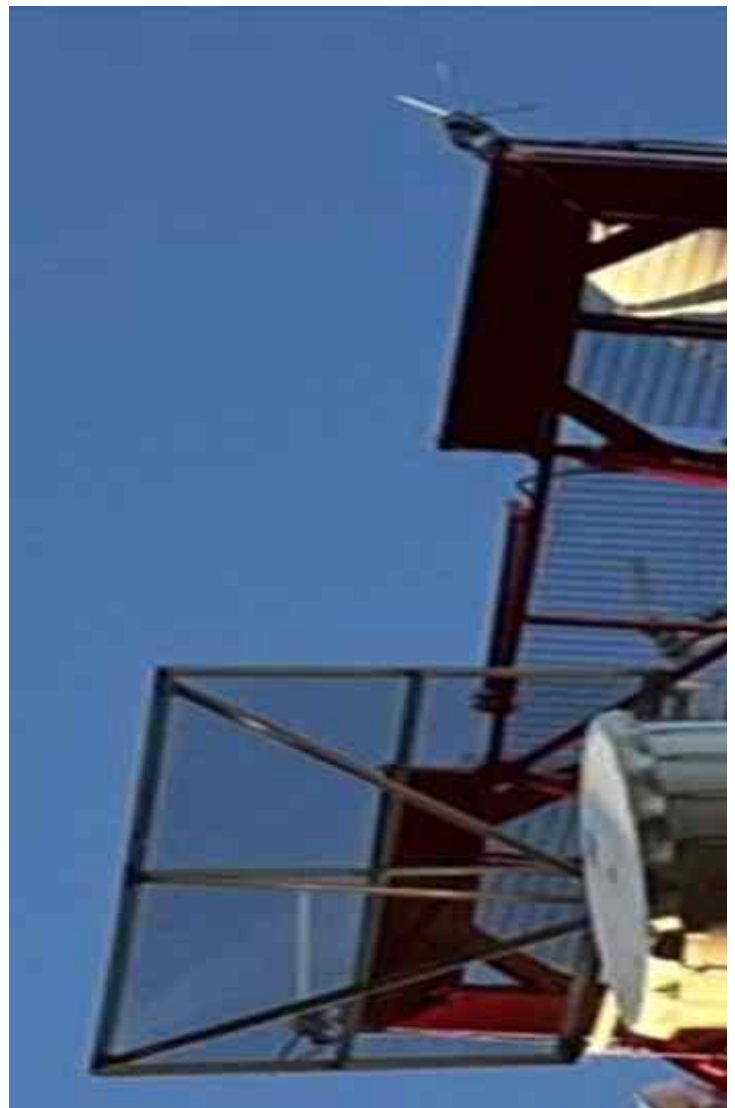
Close-up of WA2RES-14 antenna

During the October 19th Ocean County ARES meeting, WX2NJ asked if operators were interested in a Holiday Party this December. It was decided that on December 21st we would have our party at the Ocean County EOC. WX2NJ will send out requests in the future to poll who will be attending to get a better idea of how much food is needed. The last Holiday Party was 2019 and we are long overdue.

I would like to thank Ocean County ARES members KD2FFR and K2HES for attending a CERT shelter exercise in Ocean County last month (9/26/2022). Both operators promoted ARES as a form of communications for CERT.

KD2FFR and K2HES

Per KD2FFR: "This morning K2HES and I participated in the Shelter Training that was offered to CERT teamsin the county. CERT's that were represented were Toms River, Jackson, Lavallette, all from Ocean County. Various organizations were present in addition to the CERT leadership: Ocean County Sheriff's Office, Ocean County Public Health, FEMA, Red Cross, and Mental Health from the State. John Kerwin from the Sheriff's office oversaw the program, but the Red Cross did much of the presentation. I'm sure that there are others that I have missed. Pete, K2PSG, was also present. All of the participating agencies were introduced, including OCARES. K2HES and I had several good conversations with leadership and participants. Instructions was given by dividing people up into groups that rotated through stations. Stations included registration, feeding shelter attendees, setting

up cots, and medical areas. I hope that by our attending we are able to make more people aware and desiring of the capabilities of Amateur Radio. When leaving we were stopped by one CERT member who said that he was studying to take the Tech exam. I told him to please get in contact with us."

73 de WX2NJ

Bob Murdock

Ocean County Amateur Radio Emergency Service® ECVolunteer Examiner Session Report

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Our Volunteer Examiner Crew
Larry K2QDY (Liaison) 732-349-2950,
John KQ4WR, Stan KB2P,
Steve N2WLH, Michael WA2CWX

License exams are given by appointment at 7:00pm on the first Wednesday after each HCARC meeting 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.*

Holiday City Amateur Radio Club
Toms River, New Jersey
Web Site www.hcarc.us

Position	Name	Call	Phone
President	Doug Poray	**KC2TZC**	**732-928-2316**
Vice President	Steve Jackson	**N2WLH**	**732-255-7916**
Secretary	John Perry	KD2NDY	732-349-2705
Treasurer	Larry Puccio	K2QDY	732-349-2950
Executive Board	Carl Lee	W2PTZ	732-575-7558
Executive Board	John Roberts	KQ4WR	732-966 4665
W2HC Trustee	Larry Puccio	K2QDY	732-349-2950

<u>Membership</u> 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.

<u>Meetings</u> are held at 7:00 pm on the first Thursday of every month except December.

<u>Location:</u> Meeting Room #1 in Holiday City South Clubhouse.

<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. EnterBuilding A (the building nearest the street intersection}.

<u>Newsletter</u>: The SKYHOOK is the HCARC's official newsletter, circulation about 75. Original articles and photos are appreciated. Editor is John Roberts, KQ4WR, 732-350-1162.

Volunteer Examiner Session Report

Our VE session was on Wednesday October 12th and was attended by Steve Jackson, Michael Larkins, John Roberts and Larry Puccio.

We had three candidates who took the Tech test. All passed the test and indicated they would be back for the General test soon.

Larry Puccio, K2QDY

The DIY Problem

As Do-It-Yourself type people, we "Hams" are natural inventors. That's good. But it makes us poor organizators.

We get great ideas, but have little experience organizing people to carry them out.

So our radio clubs have a built-in weakness.

Tom Edison started out as a DIY person, but soon realized that he needed to invent one more thing:

the Electric Company.

That was probably his greatest invention.

With that model, he created Thomas A. Edison Company, various Edison Electric power companies, General Electric, Edison storage batteries, Victor records & phonographs, and more, leading to Radio Corporation of America.

So let's learn from him.

First you need a leader who can delegate responsibilities rather than a do-it-yourself person who can get overwhelmed by the various tasks.

The problem occurs when a leader tries to do work that those under him might enjoy doing. It's much better for the leader just to organize, direct, instruct, coach, encourage, thank and praise.

The Band Plans

A handy band chart is at:
http://www.arrl.org/files/file/Regulatory/Band%20Chart/Band%20Chart%20-%2011X17%20Color.pdf.

The ARRL has a nice link to the current amateur radio regulations:
http://www.arrl.org/part-97-text

Within those band limits, there are less formal sub-bands for various activities and modes,
like DX expeditions, Packet, Slow scan TV, RTTY, Maritime, and much more.

Some newer digital modes have specific frequencies for the suppressed carrier of their SSB digital signals. The upper sideband, which would normally be audio, is used as a sub-band for several individual very narrow-band QSOs.

The normal usage of the most popular amateur bands is detailed in the first several SKYHOOK Newsletters of 2013:

Jan 2013 10m
Feb 2013 12, 15, & 17m
Mar 2013 20m
Apr 2013 30, 40m
May 2013 80m
Jun 2013 160m

Jul 2013 6m
Aug 2013 2m
Sep 2013 1.25m
Oct 2013 70cm

All Skyhook backissues are available free to download at our www.HCARC.us website.
Just click the Newsletter link near the top center of our main web page.
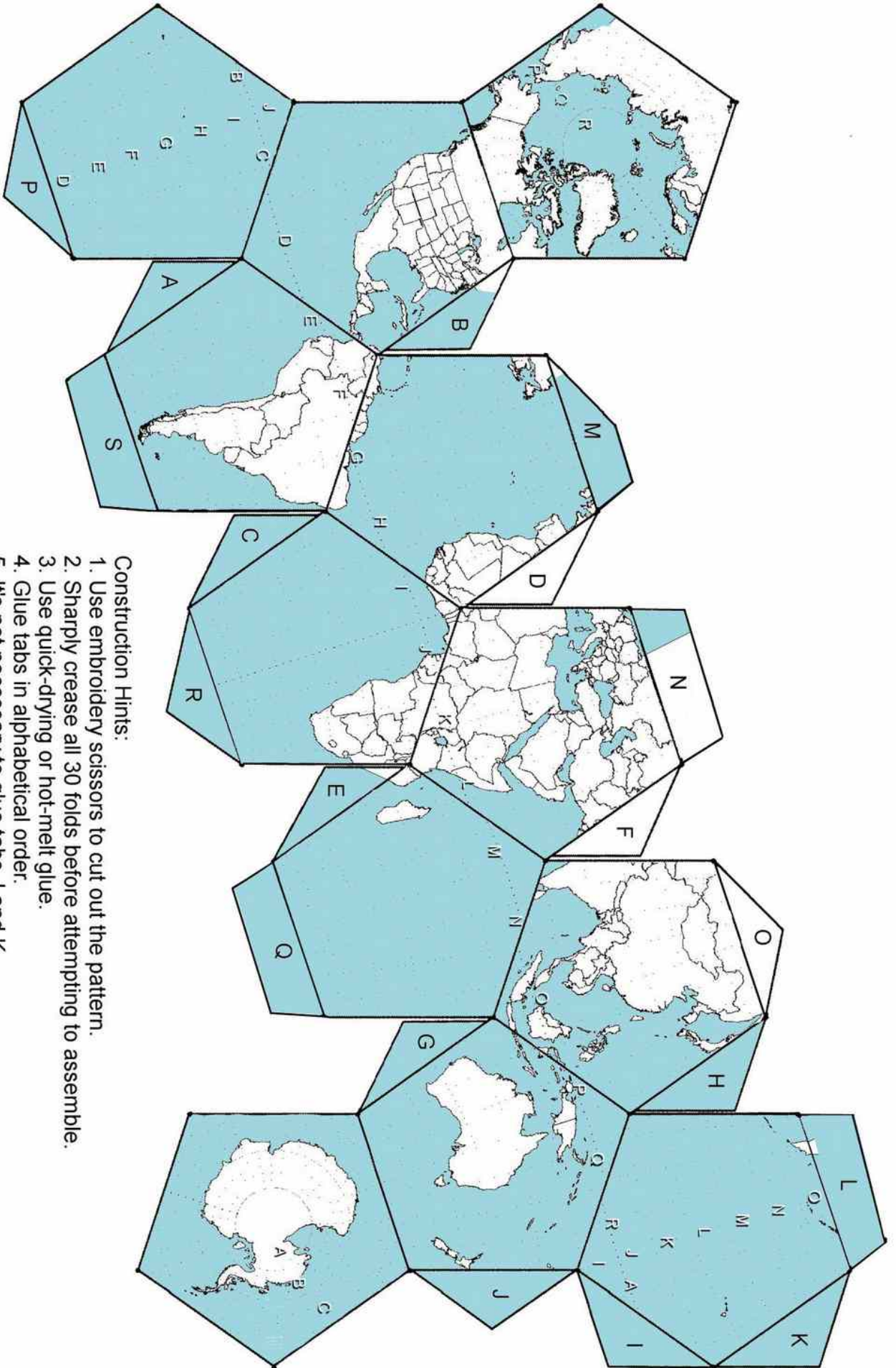
Construction Hints:
1. Use embroidery scissors to cut out the pattern.
2. Sharply crease all 30 folds before attempting to assemble.
3. Use quick-drying or hot-melt glue.
4. Glue tabs in alphabetical order.
5. It's not necessary to glue tabs J and K.

Larry Puccio K2QDY Worked:

| DATE (UTC)	TIME	FREQ	MODE	CALLSIGN	ENTITY	LOC	MILES	DIR
09/26/2022	19:14	14.004	CW	EI4II	Ireland	IO62th	3234	NE
09/26/2022	19:34	14.007	CW	S52ZW	Slovenia	JN86bt	4307	NE
09/26/2022	21:23	14.025	CW	M0BEW	England	IO82rj	3390	NE
09/26/2022	21:33	14.023	CW	VP9/DL1YAF	Bermuda	FM72ph	749	SE
09/26/2022	21:44	14.023	CW	M0UNN	England	IO83qn	3366	NE
09/28/2022	23:21	7.007	CW	SA6AUT	Sweden	JO58ov	3765	NE
09/28/2022	23:34	7.008	CW	LA6UH	Norway	JO49ua	3712	NE
09/29/2022	00:00	7.025	CW	SP5ELA	Poland	KO02lg	4304	NE
10/08/2022	15:50	28.008	CW	9A6RHJ	Croatia	JN85qg	4413	NE
10/08/2022	16:11	28.330	SSB	EI2HI	Ireland	IO51pq	3147	NE
10/10/2022	21:36	28.471	SSB	PY2VTR	Brazil	GG76gh	4775	SSE
10/10/2022	21:42	28.014	CW	LU7YN	Argentina	FF51wb	5468	S
10/10/2022	21:57	28.021	CW	FY5KE	French Guiana	GJ35qd	2757	SE
10/10/2022	22:01	28.026	CW	LU2FEP	Argentina	FF97pe	5105	SSE
10/11/2022	18:47	28.037	CW	EA1CEI	Spain	IN62bi	3368	ENE
10/11/2022	19:22	28.350	SSB	W7Y	USA	DN71qd	1590	WNW
10/11/2022	19:33	28.475	SSB	CT3MD	Madeira Is.	IM13tb	3195	E
10/11/2022	21:30	28.422	SSB	CO2EN	Cuba *	EL83tc	1258	SSW
10/11/2022	22:00	28.025	CW	W9SN/PJ4	Bonaire	FK52tf	1950	SSE
10/11/2022	22:04	28.010	CW	CE6VMO	Chile	FF31td	5450	S
10/17/2022	22:04	28.405	SSB	ZF2OO	Cayman Is. *	EK99jm	1472	SSW
10/20/2022	15:40	28.377	SSB	LZ3MD	Bulgaria *	KN12pq	4757	NE
10/20/2022	15:48	28.498	SSB	LZ1JZ	Bulgaria	KN22jd	4841	NE
10/20/2022	15:56	28.465	SSB	LZ2JA	Bulgaria	KN22ux	4844	NE
10/20/2022	16:08	28.008	CW	DL1NKS	Germany	JN49QP	3869	NE
10/20/2022	16:15	28.008	CW	OV1CDX	Denmark	JO55vc	3882	NE
10/20/2022	16:23	28.019	CW	CX5FK	Uruguay	GF15bn	5248	SSE

*unlisted location appproximated
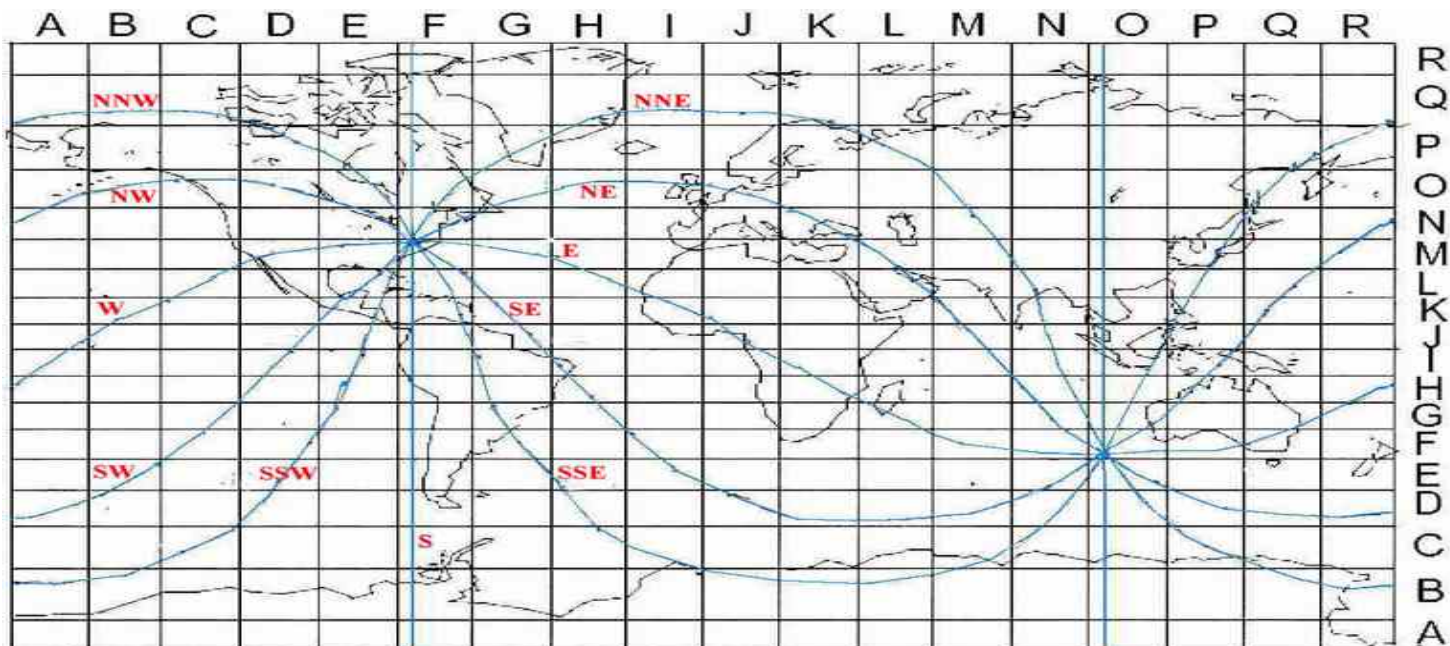
Some DX Opportunities

Callsigns shown in alphanumeric order   *Italics if DX > 6000mi*
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.
Many thanks to Bill Feidt NG3K, Wikipedia, Google Maps, the ARRL, the RSGB, DXW, TDDX & QRZ.com for the data.

START	FINISH	ENTITY & Ranking	PFX	CALLSIGN	IOTA	BANDS	MODES	QSL via	LOC	MILES	DIR	INFO by
	12/01/22	Equatoria Guinea	3C	3C3W	AF-010	80-10m	8	TA2OM	*JJ43jl*	5699	E	ARLD039
11/03/22	11/06/22	Tanzania	5H	5H2JC		40-20m	S	LoTW	*KI85vw*	7564	ENE	DXW.Net
10/28/22	11/11/22	Togo	5V7	5V7RU		160-6m	C S 8	LoTW	JJ06mx	5134	E	KN7Y
11/02/22	11/07/22	**Lesotho #112**	7P8	7P8CW		80-10m	S C D	LoTW, OQRS	*KG41ad*	8083	ESE	DXNews
10/19/22	11/29/22	Malawi	7Q	7Q6M		160-6m	S C	LoTW	*KH67ru*	7693	E	TDDX
	03/31/23	Japan: Honshu I	JA	8J1H90T	AS-007			see QRZ.com	*PM95qi*	6814	NNW	ARLD022
11/02/22	11/20/22	**Tonga #113**	A35	A35GC	OC-049	160-6m	C S R 8	TBA	*AG29ma*	7693	W	DXW.Net
	12/18/22	**Qatar**	**A7**	**A71FIFA**				opr instr	*LL55rp*	6719	NE	ARLD042
	12/18/22	**Qatar**	**A7**	**A722WFC**				opr instr	*?*			ARLD042
	12/18/22	**Qatar**	**A7**	**A72FIFA**				opr instr	*LL55rk*	6731	NE	ARLD042
	12/18/22	**Qatar**	**A7**	**A73FIFA**				opr instr	*LL55rh*	6737	NE	ARLD042
	12/18/22	**Qatar**	**A7**	**A74FIFA**				opr instr	*LL55qh*	6734	NE	ARLD042
	12/18/22	**Qatar**	**A7**	**A75FIFA**				opr instr	LL55sg	6743	NE	ARLD042
	12/18/22	**Qatar**	**A7**	**A76FIFA**				opr instr	*LL55sf*	6745	NE	ARLD042
	12/18/22	**Qatar**	**A7**	**A77FIFA**				opr instr	*LL55rg*	6740	NE	ARLD042
	12/18/22	**Qatar**	**A7**	**A78FIFA**				opr instr	*LL55sd*	6750	NE	ARLD042
	11/30/22	Taiwan	BV	BX0QSL	AS-020	80-10m	D c s	BM2JCC	*PL04nf*	7897	NNW	ARLD027
	12/31/22	Germany	DA	DR100RY				DF2SD	J031co	3760	NE	ARLD038
10/01/22	09/30/23	Germany	DA	DR45HAAN				DL7DT	J040ic	3901	NE	AARLD039
08/01/22	12/31/22	Spratly Is	DX0	DX0NE	AS-051	160-6m	C S 8	IZ8CCW	*OK70os*	8885	NNW	ARLD028
08/20/22	04/01/24	**Mayotte #110**	**FH**	**FH4VVK**	AF-027	80-10m		F4VVJ	*LH27pe*	8346	E	ARLD033
11/29/11	11/14/22	St Barthelemy	FJ	FJ/SP9FIH		80-10m		ClubLog OQRS	FK87nw	1667	SSE	SP9FIH
11/29/11	11/14/22	St Barthelemy	FJ	FJ/SP9FUY		80-10m		ClubLog OQRS	FK87nw	1667	SSE	SP9FIH
	09/15/24	**Wallis & For. #88**	**FW**	**FW/F4CIX**	OC-054	40-10m	S 8 4	LoTW	*AH16vr*	7437	W	ARLD037
11/01/22	04/02/23	Thailand	HS	HS0ZME		40-10m	C	SM6MT	*NK92xm*	8797	N	TDDX
11/23/22	11/30/22	Honduras	HR5	HR5/F2JD		80-10m	C S R 4 8	LoTW	EK54ku	1955	SSW	TDDX
11/01/22	11/30/22	Thailand	HS0	HS0ZME		40-10m	C	SM6NT	*NK92xm*	8797	N	TDDX
	06/01/23	Djibouti	J2	J28HJ		80-10m	S 8	LoTW	*LK11mn*	7082	ENE	ARLD029
10/29/22	11/07/22	Djibouti	J2	J28MD		160-10m	C S R 8	LoTW IK2VUC	*LK11px*	7074	ENE	DXW.Net
	12/31/2022	Guinea Bissau	J5	J5JUA			8 s	CT2GQA	IK22fa	4041	ESE	ARLD041
	12/31/2022	Guinea Bissau	J5	J5GQA			8 s	CT2GQA	IK22fa	4041	ESE	ARLD041
09/25/22	11/04/22	Japan	JA	JB6RRR/5	AS-200	80-10m	C S 8	LoTW	*PM74dm*	6983	NNW	ARLD038
09/15/22	12/15/22	Minami Torishima	JD1	JG8NQJ/JD1	OC-073	80-10m	C	JA8CJY dir	*QL64xg*	7026	NW	DXW.Net
09/25/22	11/04/22	Japan	JA	JI3DST/5	AS-200	80-10m	C S 8	LoTW	*PM74dm*	6983	NNW	ARLD038
09/25/22	11/04/22	Japan	JA	JJ5RBH	AS-200	80-10m	C S 8	LoTW	*PM74dm*	6983	NNW	ARLD038
09/25/22	11/04/22	Japan	JA	JS6RRR/P	AS-200	80-10m	C S 8	LoTW	*PM74dm*	6983	NNW	ARLD038
10/25/22	11/10/22	Papua New Guinea	P29	P29RO	OC-240	160-6m	C S R 8	DL4SVA LoTW	*QI30pl*	9141	WNW	DL7VEE
10/14/22	11/27/22	Aruba	P40	P40DA	SA-036	80-6m	S C 8 4	PA7DA buro	FK52am	1915	S	TDDX
10/25/22	11/04/22	Saba & Sint Eust	PJ5	PJ5/W5JON	NA-145	60-6m	S 8	LoTW or dir	FK87lb	1719	SSE	W5JON
11/01/22	11/15/22	Banaba I	T33	T33T		80-10m		LoTW	*RJ40su*	7550	WNW	TDDX
11/23/22	12/04/22	Palau	T88	T88PB	OC-009	160-6m	C S	JA0JHQ	*PJ77fi*	8695	NW	DXW.Net
11/30/22	12/05/22	Palau	T88	T88RC	OC-009	80-10m	S 8	LoTW	*PJ77fi*	8695	NW	DXW.Net
11/02/22	11/14/22	Palau	T88	T88WA	OC-009	160-6m	C S 8	LoTW	*PJ77fi*	8695	NW	DXW.Net
	12/01/22	Costa Rica	TI	TI1GOAL		80-10m	S 8	TI1GOAL	EK80aa	2154	SSW	ARLD031
11/12/22	11/26/22	**Centrl Africa #53**	**TL8**	**TL8AA**		160-6m	C S 8 R	I2YSB	JJ94gl	6170	E	I2YSB
11/30/22	12/09/22	St Martin	TO9	TO9W	NA-105	160-40m	160-10m	LoTW	FK88lc	1652	SSE	DXNews
11/02/22	11/09/22	**Austral Is #76**	**TX5**	**TX5XG**	OC-114	160-10m	C S R 8	JA1XGI	DK50jh	2963	SW	TDDX
11/22/22	11/29/22	Benin	TY	TY5AF		"all"	"all"		JJ16jm	5246	E	ARLD036
10/26/22	**11/03/22**	**Cocos Keeling #81**	**VK9C**	**VK9CM**	OC-003	80-10m	C S 8 R	EB7DX	*NH87jt*	10448	NNE	VK6VY
10/20/22	11/02/22	Turks & Caicos Is	VP5	VP5DX	NA-002	160-10m		NU4Y	FL41ax	1250	S	ARLD036
	11/30/22	**Falkland Is.**	**VP8**	**VP8DLB**		40-10m	8	EB7DX	*GD08pg*	6407	S	ARLD042
	11/10/22	**Falkland Is.**	**VP8**	**VP8TAA**	SA-002	40-15m	S p 8 c	2E0KZN/M0OXO	*GD08se*	6415	S	ARLD031
11/05/22	11/26/22	St. Helena	ZD7	ZD7CA	AF-022	40-10m	S D	HB9FIY	*IH74db*	5852	ESE	DXW.Net
10/01/22	12/31/22	New Zealand	ZL	ZL75WARC	OC-036			per instr	*RF74fg*	8776	WSW	ARLD039

November

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
License Exams Call Larry 732-349-2950		1	2 7:30 ARES Dig net 145.170, 8:30 ARES Voice 449.825	3 **HCARC MEETING 7:00 PM**	4	5 **ARRL Sweepstakes CW Begins**
6 **Standard Time Returns**	7	8 **Election Day; Lic. exams tomorrow**	9 7:30 ARES Dig net 449.825, 8:30 ARES Voice 145.170	10 **Fortune Buffet Lunch @ Noon**	11 **Veterans Day**	12
13	14	15	16 7:30 ARES Dig net 145.170, 8:30 ARES Voice 449.825	17	18	19 **ARRL Sweepstakes Phone Begins**
20	21	22	23 7:30 ARES Dig net 449.825, 8:30 ARES Voice 145.170	24 **Thanks-giving Day**	25	26 **CQ WWDX CW Contest Begins**
27	28	29	30 7:30 ARES Dig net 145.170, 8:30 ARES Voice 449.825	**DEC 1** **Holiday Luncheon see below**		

Quarterly Luncheon And Holiday Lunch

Our quarterly Radio Club luncheon will be held on November 10th at the Fortune Buffet at 12 noon.

Our Holiday Luncheon will be held on Thursday December 1st at Italy's Best restaurant in Lakehurst off Route 70. The luncheon will be at 12 noon and the meal choice is Veal Parmesan, Chicken Marsalis or Eggplant Parmesan. Larry will need to know your choices for lunch. If you are coming please let Larry know your choice at our next club meeting.

New HCARC Member

We have a new member, James Pleis, KE2AFU, in gridcode FM29vt, Waretown, NJ. Congratulations and welcome.