

# The SKYHOOK



HOLIDAY CITY AMATEUR RADIO CLUB

[www.hcarc.us](http://www.hcarc.us)

August 2018

Toms River, NJ

## Our August Meeting

Some of the topics for August:

- Tired of Microsoft? Tony will present Linux.
- We'll hear from our "fox hunters", and prepare for our next foxhunt.
- We'll "ask the experts" any questions we may have about ham radio.
- We'll begin the annual process of getting candidates for election to our club's Board.

## Our Club President's Report

From Carl Lee W2PTZ 7/24/18

As I sit here writing this we are half way through summer. We held our first club Fox Hunt a couple of weeks ago and it was an interesting learning experience for those of us who participated. We have much to learn but it was a great time with club members.

Band conditions have not been good but it's amazing what you can hear on a major contest weekend. The recent IARU/WTC event was a prime example. Lots more cw than phone.

Tony, KD2GSO will be presenting our August meeting program on the Linux operating system.

If you have built anything lately please bring it for show & tell. Also if you have any questions we can help you with, please bring them also.

Looking forward to seeing everyone at the meeting.

73,

Carl

W2PTZ

## Happy Birthdays To:

Joseph Fiorino KC2OAN

Alfred Harbord K2ALF

Dave Ottenberg WA2DJN

John Perry KD2NDY

James Punderson W2QO

Joan Icenhower



## Happy Anniversary To:

James & Sarah Punderson

Stan & Marjoie Stafiej



## Fox Hunt Report

by Larry Puccio K2QDY

On Thursday, July 12, 2018 the members of the Holiday City Amateur Radio Club participated in our first Fox Hunt. Eight members participated:

Matt de Rouville K3MR, Carl Lee W2PTZ, Billy Locke KD2MHA, Marge Penn KD2LNT, John Perry KD2NDY, Doug Poray KC2TZC, Larry Puccio K2QDY and John Roberts KQ4WR.

Larry K2QDY was the fox. The remainder of the members formed two groups.

The hunt began at the club house with each group given an Ocean County map.

The instructions were for each of the two groups to take the yagi antennas that we built at the May meeting and use them to find the direction of the

**NEXT REGULAR MEETING:**  
**Thursday August 2 at 7:00 PM**  
**Bldg A, Meeting Rm. #1**  
**Holiday City South Clubhouse**  
**Santiago Drive at Mule Road**  
**Toms River, NJ**

fox's signal.

The frequency we used was 146.550 MHz.

Larry left the group at 10:15 AM and proceeded to a first transmission location to verify that the groups could hear him and take a reading as to the direction of the signal.

Then Larry proceeded to his final destination.

After Larry got to his destination he began transmitting every five minutes.

Each transmission lasted for two to three minutes so that the groups could drive to a next cross road and take another direction reading.

The first group found him at 10:45 AM. The second group followed.

The fox was hiding up on the observation deck of the Jake's Branch Park.

The group had a very good time with this exercise and a few lessons were learned as a result.

We discovered that the gain of the home brew yagis was too high and as a result "S" meter signal strength was very strong.

This should be corrected by the use of receiving attenuators for each handy talkie.

The group was asked to record lessons learned, both positive and negative, so that we can improve the next hunt, which we will plan for the October time frame.

Our September meeting program will be devoted to "Fox Hunting."

## License Exams



Our VE team gives exams for Technician, General and Extra Class licenses at 7:00pm on the 2nd Wednesday of each month, unless there are no applicants.

Call Larry Puccio at 732-349-2950 for an appointment.

## Ocean County ARES® News

August, 2018

The next meeting of Ocean County ARES will be August 15th, 2018 at 7:00 PM at the Ocean County EOC, Robert J. Miller Airpark, Berkeley Township. Holger, K2HES, will be giving a presentation on DMR radio programming. Refreshments will be provided. There will be no training net conducted that evening due to the meeting.

I would like to give a rundown on the new ARES Connect System. If you were an active ARES member and still reside in Ocean County, you were most likely submitted for a group import into the new system. You would be alerted via email to click on a link to bring you to the ARES Connect site. This is all based on your email address, which people change quite frequently and rarely let me know of the change. If you have been an active member and did not get a notification, go to <https://arrl.volunteerhub.com/> and provide new login information. Your callsign is always your user name.

I had to drop some people off the roster for a group import because many moved out of the state, let their license expire, moved to another county in New Jersey or just plain failed to respond when contacted by email or phone.

When you first open ARES Connect it is important for you to provide as much accurate background information as you can. Things like FEMA courses, organization affiliations and formal training need to be captured. [continued on page 3]

You will see a calendar where all the activities for Ocean County ARES will be displayed with a detailed description of the event. When you register for an event you will be reminded of the event via email and you will be awarded points towards Public Service Honor Roll. Participation in a net is worth 1 point, where most field exercises are worth 5 points for every hour spent.

ARES Connect will be used for monthly reporting to the ARRL instead of other antiquated methods. It is also the place you need to capture your experience level and any courses you may take.

I will be populating the calendar for all nets and meetings over the next few days.

Pete, K2PSG, is also working on county ARES/RACES badges for those who requested them. I expect them to be handed out at the next ARES Meeting in August.

73 de WX2NJ

Bob Murdock

Ocean County Amateur Radio Emergency Service® EC

## Notice Of Election Of Our Club Officers

We have elections during the October meeting, and the term of office starts at the end of the October meeting and runs to the end of the next October meeting. But see Marge Penn, or any other Board member, for a copy of the official Constitution and By-Laws.

Most of our present board members will probably be running again, but new ones are welcome. So if you're interested in helping us, start a campaign, or just mention it to any board member.

## Saint Max Kolbe, SP3RN

August 14 is Saint Max Kolbe Day. See article in October 2015 issue of SKYHOOK via our website <http://www.hcarc.us>

## Our Club's Website

Back issues of SKYHOOK, and much more, can be found on our club's web page at <http://www.hcarc.us>

Special thanks to Steve Jackson, N2WRH, our Webmaster.

### Our VE Crew

Larry [K2QDY](#) (Liaison) 732-349-2950,  
Urb [W1UL](#), John [KQ4WR](#), Stan [KB2PD](#), Steve [N2WLH](#),  
Murray [KD2IN](#), Paul [N2QXB](#), Larry [WA2VLR](#), Tony [KD2GSO](#).  
*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.*

*Directions: 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

*Refreshments:* Tony [KD2GSO](#) 732-930-5779  
*Webmaster:* Steve [N2WLH](#) N2WLH@yahoo.com  
*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.hcarc.us](http://www.hcarc.us)

<b>President</b>	<b>Carl Lee</b>	<a href="#">W2PTZ</a>	732-575-7558
<b>Vice President</b>	<b>Billy Locke</b>	<a href="#">KD2MHA</a>	732 281-0151
<b>Treasurer</b>	<b>Larry Puccio</b>	<a href="#">K2QDY</a>	732-349-2950
<b>Secretary</b>	<b>Marge Penn</b>	<a href="#">KD2LNT</a>	732-736-0115
<b>Executive Board</b>	<b>Doug Poray</b>	<a href="#">KC2TZC</a>	732-928-2316
<b>Executive Board</b>	<b>John Roberts</b>	<a href="#">KQ4WR</a>	732-966 4665
<b>W2HC Trustee</b>	<b>Larry Puccio</b>	<a href="#">K2QDY</a>	732-349-2950

*Membership* is open to all interested persons. Ham license is not required. Dues are \$25.00 per year, payable Jan 1<sup>st</sup>. 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, except December.

*Location:* Meeting Room #1 in the 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.-

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](mailto:KQ4WR@arrl.net) 732 966 4665

## Absecon's Daredevil Barnstormer And Ham Radio Operator

— by John Dilks, K2TQN

Radio <u>3ALV</u>	Absecon, N. J.	<u>4-28-24</u>	192
Ur <u>SW</u> sigs <u>WHD</u> hr on <u>ETEN</u> at _____ AM P M E. S. T.			
Audibility <u>QSA</u> Tone _____ Character _____	QRN	QRH	Wz _____
RECEIVER		TRANSMITTER	
Tuner <u>Short wave</u>	<b>300</b>	<u>11</u> Watt <u>out</u>	
Amp. <u>1 step</u>		<u>10 H</u> Circuit	
Fones <u>Goldies</u>		_____ Volt A. C.	
WL QSR anitime		<u>500</u> on Plate	
QRK?		Antenna current _____	
Pse QSL crd	_____ T. C. Ampe.		Aerial <u>4 wood?</u>
Remarks:	_____		<u>70</u> Ft. long <u>30</u> Ft. Hi.
 Printed By RADIO PRINTERS, Mendota, Illinois "My Signals Spread Like Wild Fire"			
Cul 73's		EMERSON SHOWELL. Member A. R. R. L. President of A. S. R. R. C.	

**Emerson T Showell** was born in 1908 in Absecon, New Jersey. His father, Townsend, was 31, and his mother, Ellen, was 25. He had one brother. He died doing what he loved on January 28, 1930, in Imperial, California, at the age of 22.



Emerson was a Barnstormer in the 1920s. He traveled all over the country.



The History of Barnstorming \* is a history of human courage and risk taking. While there have always been traveling pilots with their light airplanes, barnstorming saw its peak in popularity in the 1920's, when the American government found itself with a surplus of aircraft, especially the Curtiss JN-4 Biplane "Jenny". Not having any use for them, these were sold off to civilians; mostly former aviators and old timers.

The sudden availability of light planes that could operate from fields changed the entertainment industry. Initially, pilots would travel through the villages offering joy rides to people, but then this died down as ordinary flight lost its charm. It was then that pilots started doing the craziest things in the air to attract an audience. These ranged from stunts involving the planes, to stunts involving the pilots and the passengers themselves.

Stunt pilots performed dangerous spins and maneuvers that exposed the public to aerobatics which the aviator takes for granted. The public saw loops and the barrel roll, stall turns and wing overs, while aerialists performed daredevil stunts like wing walking, stunt parachuting, and switching planes in mid air. Many performed their own unique stunts.

Many stunt pilots became household names and intimately associated with the history of barnstorming. Mock aerial combat was the staple event and was hugely popular. Tail chases, wing walking, mid air transfers from one plane to another, sky diving and many other stunts kept the crowds coming.

A typical barnstormer (or a group of barnstormers) would travel across to a village, borrow a field from a farmer for the day, and advertise their presence in the town by flying several low passes over it – roaring over the main street at full throttle. The appearance of the barnstormers was akin to a national holiday. Entire towns were shut down and people would flock to the fields purchasing tickets for the show and plane rides. Locals, most of them never having seen planes before, would be thrilled by the experience. In several towns, parties would be organized on such occasions, in the honor of the barnstormers.

\*From - <https://all-things-aviation.com/flying/history-of-barnstorming/>

## Why Use PSK31 And Digital Radio?

By Murray kd2in

Some Hams who are using sideband voice (SSB) to make contacts may ask “what good would digital radio do for me”? Here are a few answers.

1. You don't give up voice SSB in order to add digital modes. You are adding them to what your radio already does. You just switch back and forth as you wish.
2. Digital modes such as PSK31, RTTY and others use all the same bands as SSB, though most PSK31 is found on 20M.
3. You don't use a microphone to make contacts. Some Hams don't have the clearest speaking voice, or lack confidence in making contacts via SSB. In digital radio you simply use your keyboard, mouse and screen software to make contacts.
4. Digital works fine with low power. No amplifier, tower or beams? No problem. Even a simple attic dipole will make DX contacts fine with PSK31. (PSK31 stands for phase shift keying, version 3.1.)
5. Software you would need? It is free and available on the Web. I use Digipan.
6. Little or no typing is needed to make a contact. Almost all the needed words to call CQ, answer a call, give your station rig info., location or personal details, are preset in Macro buttons on the screen.. Just a click of the mouse and you are one the air and a few more clicks and you have made a QSO and even logged it!
7. If you do wish to type your own comments or replies to questions during a QSO, you simply type them during the QSO to add to the Macros for the rest of the contact.
8. A big plus is that you don't cause TVI or other interference to neighbors. For some this is important and a big reason for refraining from getting on the air during most of the 24 hours of the day. Not a problem with digital. Go to it!
9. Later, again with free software, you can do RTTY

(Radio Tele-typing), SloScan TV and even Keyboard CW. There are even programs that will read CW on the screen.

Are There Any Negatives to Digital?

Yes, a few, but not any big problems.

1. You will need an interface between your computer and radio. You can build your own from a kit, parts from an article, or buy one ready made. Relatively easy to set up. It will work with all digital modes.
2. You do need a computer.
3. You need to be able to type a bit now and then, so some keyboard skills are needed.
4. You will need some help in getting started. That is available from club members already doing PSK31 and other digital modes.

Any questions? Contact me via email or by phone: 732 505 6860. [kd2in@arrl.net](mailto:kd2in@arrl.net)

73, Murray Goldberg KD2IN

## QRP DX-er To Speak At OBARC

Ron Bosco, WB2GAI, is scheduled to “show & tell” at the August 7th Old Barney Amateur Radio Club meeting. He's planning to tell how he worked over 9000 stations QRP CW in the 3 months he spent last year in Crete.

## Garden State ARS Newsletter

It is our pleasure to share with you the link for the August 2018 Propagator. Here it is:  
<https://indd.adobe.com/view/43f60346-7adf-4b68-a442-fd3d76c5fd42>

If you are viewing this on your browser as a .PDF, you can see the embedded video on WIRES-X, our new Fusion system from Yaesu. The text is also comprehensive.

Use the repeater and enjoy its new features!

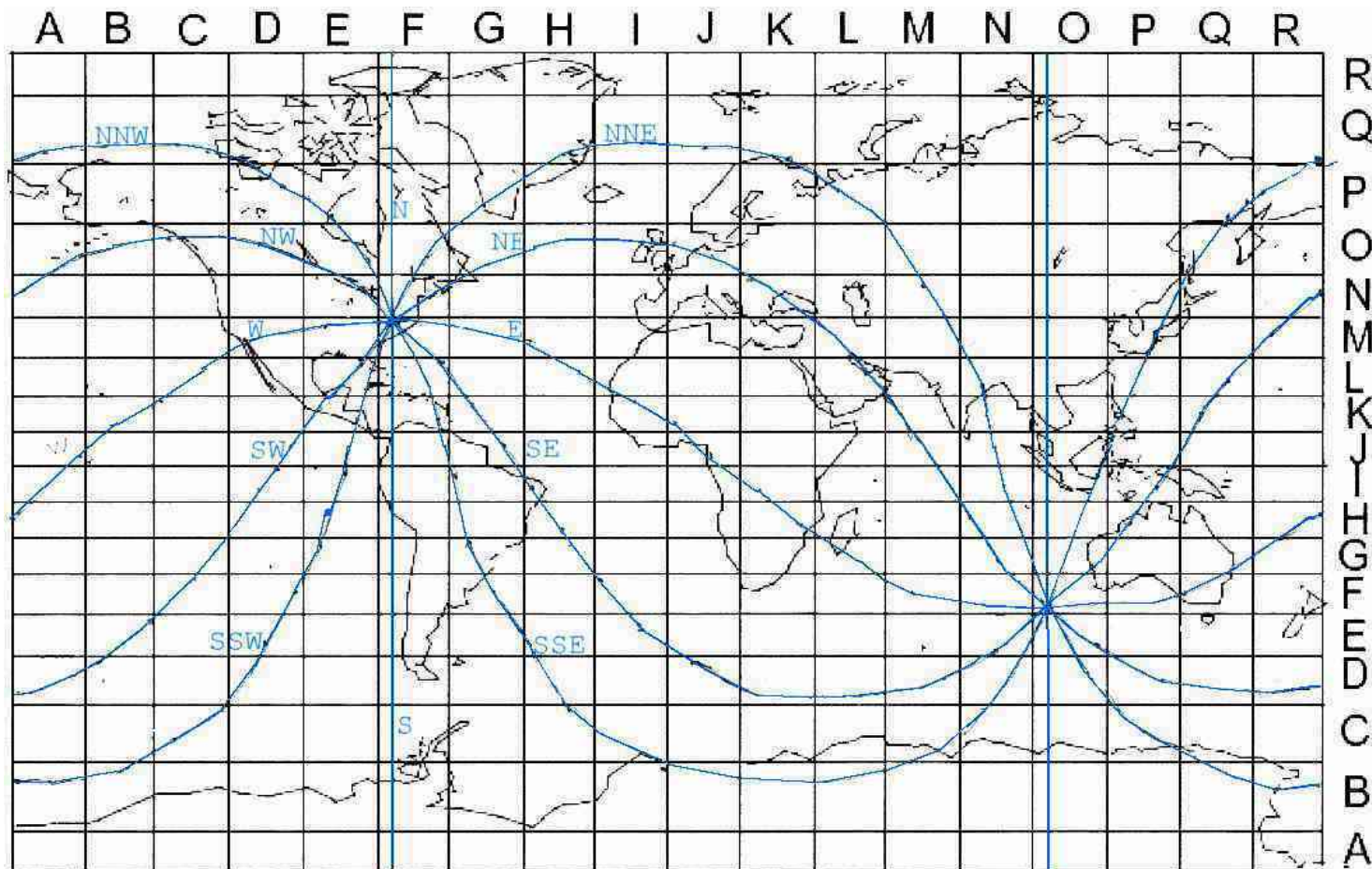
Bob, W2OD - editor

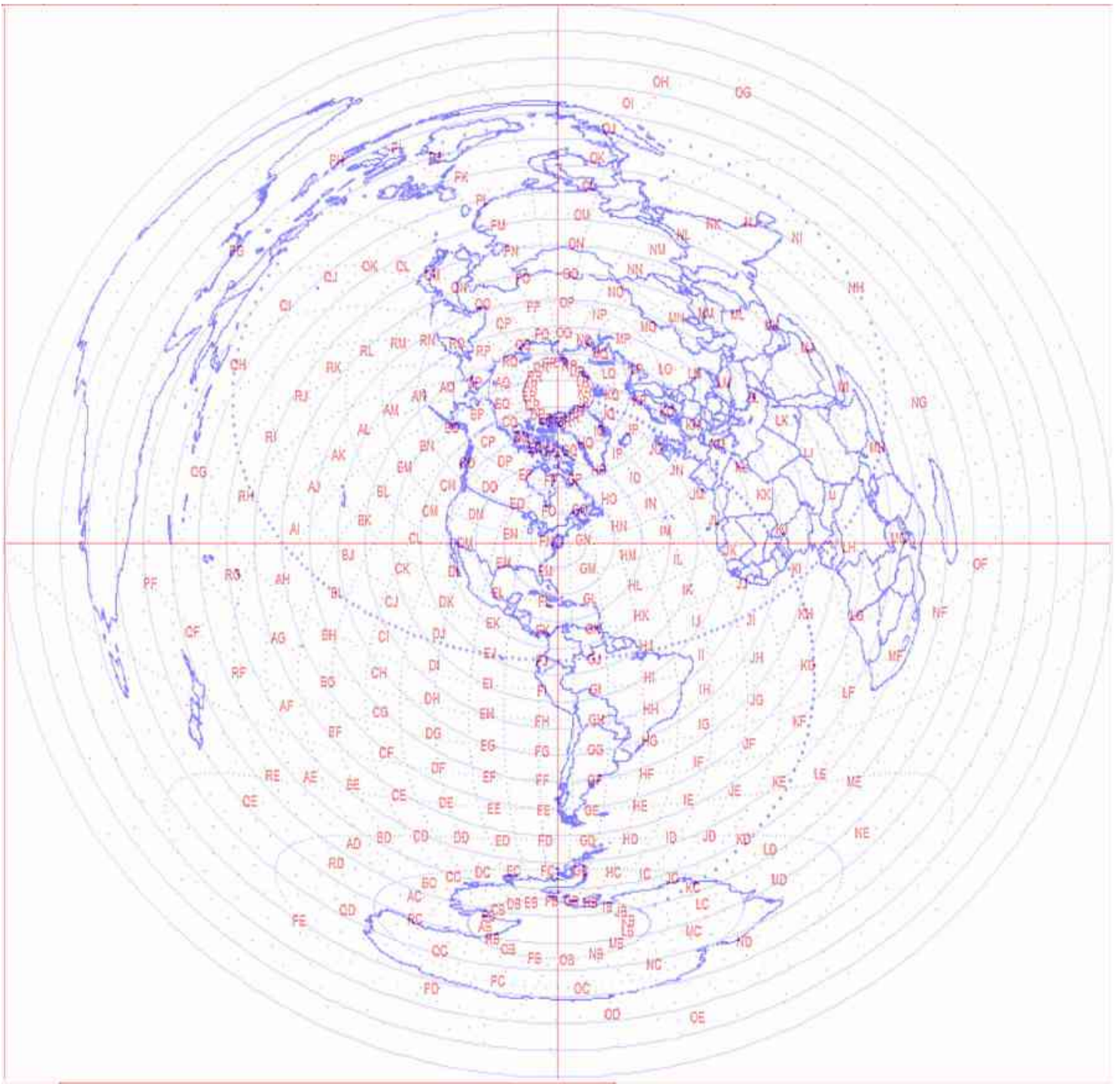
Cy, K2CYS – designer and publisher

Some DX for August:

Begins	Ends	Callsign	Entity	Bands	Modes	IOTA#	Locator	Miles	Dir
Jul 26	Aug 04	3B8	Mauritius	160-10m	CW,SSB,dig	AF-041	LG89st	9297	E
Aug 06	Aug 14	4S7DMG	Sri Lanka	40-10m		AS-003	NJ07sw	8789	NNE
Aug 15	Aug 29	A35RR	Tonga		FT8, JT65	OC-049	AH20ma	7654	W
Aug 06	Aug 14	B0	China	40, 20m	FT8		NM41je	7407	NNE
Jul 23	Aug 07	D44EK	Cape Verde	40, 20m	SSB	AF-086	HK86mr	3448	ESE
Jul 30	Aug 06	E51BUO	South Cook Is	80-10m	CW	OC-013	BG08cs	6928	WSW
Aug 11	Aug 14	GJ	Jersey	160-2m	SSB, dig	EU-013	IN89we	3471	NE
Aug 05	Aug 11	GU	Guernsey	160-2m	SSB, dig	EU-114	IN89rl	3447	NE
Aug 07	Aug 10	HC8	Galapagos	WARC, 6m	dig, CW	SA-001	EJ40rq	2902	SSW
Jul 21	Aug 13	P29VIM	Papua New Guinea	160-40m	CW, SSB	OC-034	QI34ma	8974	WNW
Aug 31	Sep 03	T88PB	Palau	80-10m		OC-009	PJ77fb	8715	NW
Aug 15	Aug 21	TX5T	Austral Is	160-6m	CW,SSB,dig	OC-114	BG66ed	6458	WSW
Aug 12	Aug 19	V26NF	Antigua	40-10m		NA-100	FK97cb	1748	SSE
Aug 18	Aug 25	V47FWX	St Kitts & Nevis			NA-104	FK87eg	1690	SSE
Aug 20	Aug 26	Z6	Kosovo	80-10m	SSB		KN02mo	4665	NE
Aug 05	Aug 12	ZA	Albania	40-10m	SSB, dig		JN90rk	4682	NE

Thanks to data compiled by NG3K and Wikipedia.





By plotting the signal paths from our location as straight lines, like spokes on a bicycle wheel, we get this chart. Here, distances from our location and directions along the Earth's surface are shown in correct proportion and direction, but only from our perspective. Note that the direction of a signal from here to Japan is now shown correctly as NNW, but Australia is now so badly distorted it's hard to recognise. It's that huge shape in the upper left.

August						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2 HCARC Meeting 7pm	3	4
5	6 Noon Lunch @ HC Diner	7	8 VE Session Appointment Required	9	10	11
12	13 9am Breakfast @ HC Diner	14 Saint Max Day	15 ARES Meeting 7pm	16	17	18
19	20 Noon Lunch @ Lisa's	21	22	23	24	25
26	27 9am Breakfast @ HC Diner	28	29	30	31	

### Thank You

A big Thank You to all those who contribute articles and information for the SKYHOOK.

Special thanks to John Dilks K2TQN, Bob Wood W2OD, Murray Goldberg KD2IN, Tony Kuzinski KD2GSO, Carl Lee W2PTZ, Doug Poray KC2TZC, and Larry Puccio K2QDY for this month's issue.

John Roberts KQ4WR, Editor

### Our Next Chinese Luncheon

Our Chinese Buffet Luncheons are another kind of enjoyable get together. In addition to Chinese restaurant cuisine, there are many more familiar foods from pizza to ice cream.

It's also a chance for our spouses to meet with each other. The next one is scheduled for Noon, Wednesday, September 12<sup>th</sup> at the usual place next to Ruby Tuesday's. Read more about it in our next issue.