

STATIC



SEPTEMBER 2019

OUT OF TOWNERS NET

The Utah community where I relocated from in March 2017 had an active Amateur Radio Group and IRLP/Echolink literally connected VHF/UHF to distances around the world. After arriving here and learning of Lake Havasu Amateur Radio activities, I found no "reachable" IRLP nodes or Echolink access for local Amateur Radio Operators. By May of 2018, I completed the install of a dedicated IRLP node #3970/ Echolink Station KE7ZIW-R which are both available via 147.500 no PL, Simplex here in the Lake Havasu area. In June of 2018, working with the owner of the Western Reflector, I established a Monday, 4:30pm Net which takes place in a conference room on the Western Reflector, Node 9257 or Echolink *DEC-ARC*. The use of this conference room allows simultaneous communication between local 147.500 users and IRLP or Echolink connections from anywhere in the World.

Since that beginning, we have had 67 continuous weekly nets named the "Lake Havasu City Out of Towners Net". As the Net Control operator, I was actually able to run one of these nets via Echolink from my Sons home in Chicago when I travelled. During this time, we have had 651 check-ins from 8 states and 5 different Countries. A total of 66 different Licensed Operators have checked in with us. Apart from the nets, the Nodes have been accessed by several other Countries and many Amateur Operators trying to locate and communicate with friends visiting here in town. Anyone is invited to join this net on any Monday afternoon at 4:30pm Nevada Time (the conference room time is allocated by the reflector schedule which is located in Nevada).

Feel free to contact me if you have any questions..... KE7ZIW, Steve Fehlhaber

LBARA MEETING SCHEDULE

MONTH	BOARD	REGULAR
SEPT	NOTE: BOARD	9/19
OCT	MEETINGS WILL NOW	10/17
NOV	TAKE PLACE ONE	11/21
DEC	HOUR PRIOR TO THE	12/19
JAN	REGULAR MEETING	1/15

LOCAL REPEATER FREQUENCIES

LOCATION	FREQ.	OFFSET	PL	SYSTEM
Lake Havasu	146.620	minus	131.80	K7LHC*
Lake Havasu	146.640	minus	156.7	K7LHC EOC*
Lake Havasu	146.700	minus	131.8	K7LHC*
Lake Havasu	146.960	minus	162.2	W7DXJ
Lake Havasu	147.500	Simplex	Na	IRLP #3970 Echolink KE7ZIW-R
Lake Havasu	448.350	minus	Na	WiresX #43197 C4FM K7XP
Lake Havasu	449.125	minus	67.0	WIN System
Havasus Landing	147.030	plus	156.7	SB Sheriff
Needles, CA	147.300	plus	156.7	SB Sheriff
Parker	146.850	minus	162.2	WA7AT
Quartzite	145.310	minus	107.2	WB7FIK
Lake Havasu	146.720	minus	123.0	MARS (Linked)**
Bullhead City	146.820	minus	123.0	MARS (Linked)**
Kingman	147.240	plus	123.0	MARS (Linked)**

*Digital (C4FM) and Analog FM **MARS(Mohave Amateur Radio System)



HAM HELP NET

Starting in December a special “Ham Help Net” will be provided on the 146.620 repeater twice a month for those interested in advancing their skills in the area of Amateur radio. Discussion will range from electronic theory to how do I make a DX contact! Questions will be taken during the twice a month net about related subjects of ham radio and electronics in general as it relates to ham radio. This net will likely be very useful to newly licensed hams. The net operator will call to “all listening stations” for participation in the net and anyone checking in will be allowed to answer the questions at hand. The net control operator

will not be the one answering questions but will call to the list as to “who wants to answer this question?” This will allow the entire group to share their knowledge with others. We all remember very well how many questions we had when we first got on the air. How to make cables, tune and build antennas, operating procedures etc.

Starting date December 13th at 6:30 . The net will likely end sometime around 7:30

The net will meet there after on the 2nd and fourth Thursdays of the month.

Our net controller will be Mike AB6QT. Garry K9WZB will also be available for questions.

Lake Havasu Area Nets

Day	Time	Organization	Frequency
Sunday	7:30 AM	RACES/ARES	3.990 LSB
Monday	4:30 PM Nevada Time	Out of Towners Net	147.500 Simplex or Echolink DCF-ARC or IRLP 9257
Monday	7:00 PM	Mohave Amateur Radio System (MARS)	146.72 LHC 146.820 BHC/147.240 KMG
Tuesday	6:30 PM	LBARA	146.62
Wednesday	6:30 PM	Round Table	448.350 (Digital Only)
2nd & 4th Thursday	6:30 PM	LBARA Help Net	146.62

SEPTEMBER BIRTHDAYS

DATE	CALL	NAME
1	KI7JLH	Darrell Brooks
3	KM6RCD	Tracy Patterson
4	N0WJO	Dwight Aune
6	W7MRX	Nick Rizos
7	N7VWP	Dave Benson
9	KD6ENW	David Stockwell
14	AD6NM	John Scott
14	NT7R	Ron Gould
15	KC7ATI	Georgia Gillespie
17	N8MJM	Mike Murphy
30	N1DDM	Diane McCombs

OCTOBER BIRTHDAYS

DAY	CALL	NAME
10	WA6FLL	Al Key
9	KI7WRS	Charlene Sitenga
20	KG7HZXI	Neil Sitenga
23	KA7ZTJ	Dave Welshans

September Program

Steve Stocker (K7SWF) will discuss LBARA information.

Charlie Kotan (K0TAN) will review this summer's Library meetings.

Garry Fisher (K9WBZ) will have us take a look at the up-coming LBARA special events.

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P.S. 10-49

CHRISTMAS IS ONLY A FEW MONTHS AWAY.....BUT PLENTY OF TIME TO ORDER THIS RADIO HAT FOR THE SPECIAL HAM IN YOUR LIFE?

Communicating with Amateur and Weather Satellites the Easy Way

I was wanting to try my hand at communicating with Satellite AO-50. Gathered all the necessary equipment, compass, angle finder, radio and antenna. Went to the back yard to try and communicate with the Satellite. Attached the compass and angle finder to the antenna, hooked the antenna to my radio and waited.

At the proper time, started looking for the Satellite on its heading and angle over the horizon. Had the radio on my belt, mic in one hand and the antenna rig in the other. Heard some communications and tried to get back to the satellite, but with no response. Was I pointed in the right direction and running enough power – 5 watts from the handheld?? So no luck with that try. **There must be a better way.**

Found an article on AZ-EL rotors by searching Google. SARCnet.org had a real nice, cheap rotor that you could build for under \$60.00, the MK1b. Read the article and decided to build one of their rotors. Ordered all the parts and waited for their arrival, within a week I had all the parts to begin construction.

Construction was pretty straight forward and took a couple of hours to assemble the rotor. Once assembled you need to calibrate the e-compass, magnetometer and accelerometer board, so it could fine the bearings for the rotor, that took about 10 minutes. Installed the software on the Arduino Pro Micro computer board, ran all the checks that were in the article, found I had one of the motors hooked up backwards, fixed that by switching the wires to the motor from the motor driver board to make it rotate in the proper direction.

Now for the test! Back outside with the rotor, antenna attached, radio connected to the antenna. Rotor attached to a tripod, radio on the table, sitting in a nice chair and waited.

It was time!!! Started the software on my laptop, loaded the rotor control program and when the satellite came into view, the rotor started tracking the AO-50 satellite with no problem, heard communications from the satellite and did not have to do anything as far as tracking, but try and make a contact. It was really busy and I could not make myself be heard, but I will not stop until I make some contacts.

As for the Weather Satellites, it tracks them very well and I am getting better pictures than I did with a fixed turnstile antenna at 20 feet.

If interested in building one of these rotors, I am available to help you acquire the parts and help you assemble and program the rotor. Just another project to further your interest in Amateur Radio Communications.

Stephen Stocker K7SWF

GETTING OLDER

A distraught senior citizen phoned her doctor's office.

"Is it true," she wanted to know, "that the medication you prescribed has to be taken for the rest of my life?"

"Yes, I'm afraid so," the doctor told her.

There was a moment of silence before the senior lady replied, "I'm wondering, then, just how serious is my condition because this prescription is marked 'NO REFILLS'.."

Aging: Eventually you will reach a point when you stop lying about your age and start bragging about it. This is so true. I love to hear them say "you don't look that old."

The older we get, the fewer things seem worth waiting in line for.

Some people try to turn back their odometers.

Not me! I want people to know **why** I look this way.

I've travelled a long way and some of the roads weren't paved.

When you are dissatisfied and would like to go back to youth, think of Algebra.

One of the many things no one tells you about aging is that it is such a nice change from being young.

Ah, being young is beautiful, but being old is comfortable.

First you forget names, then you forget faces. Then you forget to pull up your zipper...it's worse when you forget to pull it down.

Two guys, one old, one young, are pushing their carts around WalMart and they finally collide. The old guy says to the young guy..."Sorry about that. I'm looking for my wife and I guess I wasn't paying attention to where I was going". The young guy says..."That's a okay, It's a coincidence. I'm looking for wife too. I can't find her and getting a little desperate"

The old guy says "Well maybe I can help you find her...what does she look like?" The young guy says "Well, she is 27 years old with red hair, blue eyes, is buxom...and wearing no bra, long legs and is wearing short shorts. What does your wife look like."

To which the old guy says..."doesn't matter...let's look for yours."

If the person who named Walkie Talkies named everything:

Stamps - Lickie Stickie

Fork - Stabby Grabby

Defibrillators - Hearty Starty

Socks - Feetie Heatie

Bumble Bees - Fuzzy Buzzy

Hippo - Floatie Bloatie

Pregnancy Test - Maybe baby

Nightmare - Screamy Dreamy

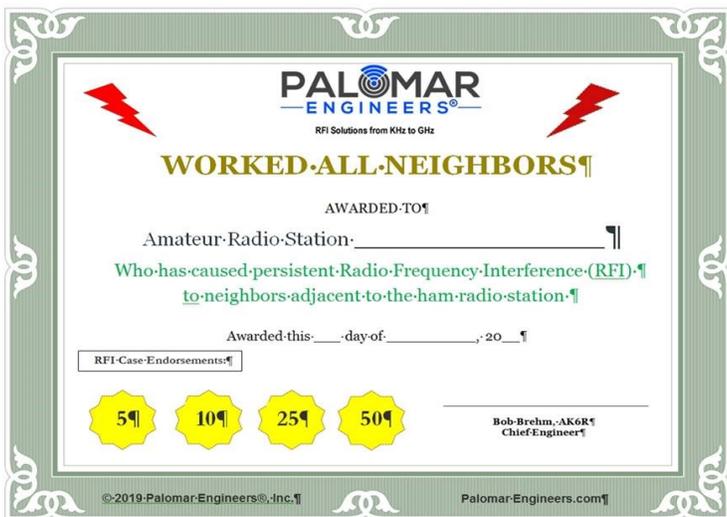
Bra - Breastie Nestie.

FOR SALE/TRADE

K4KIO Hex Beam 6– 20 Meters, \$495

Garry - K9WZB

YOUR ADD HERE.....LET THE EDITOR KNOW WHAT YOU HAVE



**Here's the newest
award available
from your ham ra-
dio society. Got
yours?**

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FROM THE EDITOR

If you have anything you would like to see included in these issues, please let me know. I'm always looking for articles, news items, construction articles, or anything that might be of interest to our readers. You can contact me at 928.855.7941 or email at grf@npgcable.com.