

# *The Heterodyne*

*Newsletter of the West Valley Amateur Radio Association*

## **November Meeting**

**“Meteor Scatter Using FSK441”  
by Russ Bentson, K6KLY**

**Annual WVARA Election**

**Wednesday November 13  
Meeting Starts at 7pm**

Meeting Location:  
American Red Cross  
Silicon Valley Chapter  
2731 N. First Street at Plumeria Dr  
(southwest corner) in San Jose

Map at [www.wvara.org/meetings.html](http://www.wvara.org/meetings.html)

WVARA Repeaters (W6PIY)		
Band	Frequency	PL
6 Meters	52.580- MHz	151.4 Hz
2 Meters	147.39+ MHz	151.4 Hz
1.25 Meters	223.96- MHz	156.7 Hz
0.70 Meter	441.35+ MHz	88.5 Hz
0.23 Meter	1286.2- MHz	100 Hz

## **Club Net**

WVARA's club net is on the W6PIY repeaters each Tuesday at 8:30 pm. All repeaters are linked together during the net. The net script can be found at [www.wvara.org/net.html](http://www.wvara.org/net.html).

**Visitors Are Welcome!**



Russ Bentson, K6KLY in the Ham Shack

## **About the Speaker**

Russ Bentson, K6KLY will give an informal talk about Meteor Scatter Propagation. The talk will include information about equipment, software, and procedures including antennas, frequencies, times, reflectors, procedures, and WSJT FSK441.

Russ was first licensed in 1957 and has held every level of FCC amateur radio license. He has been in every June VHF contest since 1959. He holds the Pacific Division Single Operator high power record for the June VHF contest and, with over 2400 band countries, is currently the only operator in the Pacific Division with 10 band DXCC. Russ is the first past president of the NCDXC and an ARRL QSL card checker. He holds WAS #212 on 6 meters, and VUCC on 6 meters and 10 GHZ. Russ is a member of the DXCC #1 club. During the 1980s Russ operated the CQWW phone contest from several countries, and placed 14th in the world in 1982. He also holds the call P40LY in Aruba. Currently Russ is working on a VUCC on 2meters and getting very close.

## **9 Band DXCC - Done!! by Greg Olsen, K6XM**

This past week I finally received the last confirmation that I needed in Logbook of the World (LoTW) for 12 meter DXCC. That completes my multi-year quest of working 100 or more countries on each of the 9 HF DX bands 10, 12, 15, 17, 20, 30, 40, 80, 160.

Several years ago, during the last sun spot minimum, I decided to try to finish 5BDXCC. At that point, I had well over 100 countries on 10, 15, 20, and 40 and only needed 80 meters, which had seemed pretty impossible. But with the low sunspot numbers, I started hearing Europe on 80 meters during the winter DX contests. So I started plugging, and after a couple of years, I had 80 meter DXCC.

About that same time I started noticing that there was a lot of 160 meter activity on the DX spotting networks. So I started listening. One night I heard a local station working a guy in Denmark. I could also copy the guy in Denmark (just barely). So I gave the guy a call and managed to work him. Europe on 160! That really got me excited.

So I started researching receiving antennas, 160 meter propagation, and all of the tricks for working DX on 160, and eventually managed DXCC. (I have now logged 119 countries on 160).

Having done that, I figured that the remaining bands (30, 17, 12) would be easy, so I handicapped myself. Power limited to 100 watts, only simple wire antennas, no QSL cards – use only LoTW.

12 meters was the hardest to complete, because it is a daytime band and I still work, so daytime operating is limited. Also, 12 meters has the least activity. But I finally did it.

Using LoTW I had to work 147 countries on 12 meters before I got 100 confirmations. The results were similar on 17 and 30.

When I first heard the idea of 9 Band DXCC (9BDXCC) many years ago, I figured that it was impossible. But now I've done it, so I guess that it wasn't so impossible after all.

73,  
Greg Olsen, K6XM



Greg, K6XM Operating Portable Near Lake Tahoe  
in 2012 "Flight of the BumbleBee" Event

### **Hy-Gain TH-7DX Antenna Needs a New Owner**

I have a **Hy-Gain TH-7DX** antenna that is coming down from a tower in the very near future. This **7 element, tri-band Yagi** is in need for a new QTH. Please feel to to email me directly about the antenna. I am able to send an image of the antenna sitting on top of the tower.

Manual available at <http://www.hy-gain.com/support.php?productid=TH-7DX>

Contact George Williams, N6NKT, n6nkt AT yahoo.com, pickup from his QTH

### **Items For Sale By George, N6NKT:**

**LMR600 200ft with N Connectors \$225**

**Helper Instruments Sinadder Model S-101 \$50**

**Boonton 92EA RF Voltmeter \$200**

Contact George Williams, N6NKT, n6nkt AT yahoo.com, pickup from his QTH

Send Buy and Sell information to: [het\\_editor AT wvara.org](mailto:het_editor@wvara.org)

<b>WVARA Net Check-Ins (W6PIY)</b>							
<b>Each Tuesday at 8:30 PM</b>							
<b>All Repeaters Linked Together During Net</b>							
<b>Call Sign</b>	<b>Name</b>	<b>10/08/13</b>	<b>10/15/13</b>	<b>10/22/13</b>	<b>10/29/13</b>	<b>11/05/13</b>	<b>11/12/13</b>
AA6RB	Roy		X	X	X		X
AB6XS	Kevin	X			X	X	X
AE6JV	Bill	X					
AF6AE	Bill					X	X
AG6HE	Dennis			X	X	X	X
K6BRF	Bert	X	X	X		X	X
KB8FOU	Travis					X	
KD6VOR	Marv			X	X	X	X
KF6EMB	Svend		X	X	X	X	
KJ6CQJ	Dean				X	X	X
KJ6GMO	Sue				X	X	X
KK6GXH	Dave					X	
KK6VF	Kevin	NET	NET	NET	NET	NET	NET
KS6PD	Steve		X	X	X	X	
NU6P	John					X	
W6ESL	Tom						X
W6HOC	Howard	X	X		X	X	X
W6PK	Phil	X	X				
WB6KHP	Dave	X	X	X	X	X	X
<b>TOTAL</b>		<b>7</b>	<b>8</b>	<b>8</b>	<b>11</b>	<b>15</b>	<b>12</b>

### **2013 West Valley Amateur Radio Association Officers**

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**See You At The Meeting!**