

CRACKLIN' STATIC



SIERRA NEVADA Amateur Radio Society

Serving the Amateur Radio Community since April 16, 1968

<http://www.snars.org>

RENO, NEVADA

MARCH 2017

PRESIDENT'S VOICE

This month we celebrate the 4th year of the Nevada State Convention NVCON which is being held again in Las Vegas. The convention looks to have a great showing of exhibitors this year with the hall almost sold out. The sessions/presentations has a little of everything this year from the bigger ham to the most advanced topics again with Mesh and DMR topics. SNARS will again be part of the event with having our SNARS table and being available to help with questions about DMR, Analog and of course the club. We hope some of you can show your support by attending this year as this year looks to be one of the best so far.

This Saturday we will be visited by the ARRL Nevada Section Manager, John Bigley, N7UR at our monthly breakfast meeting. He will be present to answer questions and of course give an update on the NVCON and other news from the ARRL.

Hope to see everyone this Saturday at Boomtown at 7:30AM for Breakfast and our meeting at 8:00AM.

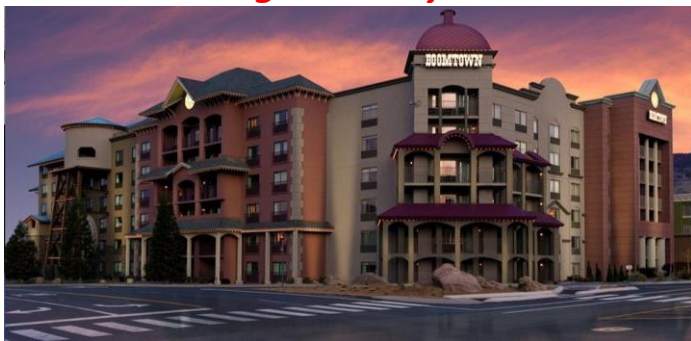
73
Tony, W7XM

Monthly Breakfast Meetings Sponsored by



BOOMTOWN
CASINO ★ HOTEL
RENO, NV

SNARS meeting Saturday March 4



7:30 AM Boomtown Casino Hotel, I-80 exit 4, Verdi NV, in the Banquet/Conference Center.

This month: Nevada SM John Bigley N7UR, NVCON updates



CRACKLIN' STATIC PUBLICATION

E-mail..... holden7471@msn.com

Cracklin' Static is the Newsletter of, and sponsored by the Sierra Nevada Amateur Radio Society. Opinions expressed herein are those of the editors and contributors and should not be considered as official expressions of the Club Officers, Staff or Club Members, or as endorsements by same.

Material for publication may be edited to enhance readability or to save space. We reserve the right to use whatever font size or line spacing may be required in order to publish this Newsletter.

Deadline for input to the newsletter is 1500 hours on the Sunday prior to the 1st Saturday of each month.

Cracklin' Static is e-published in Adobe PDF Format. It may be enjoyed at the SNARS web site.

Amateur Radio License Testing 2017

SNARS, Third Saturday of February, April, June, August, October and December. Testing will be at the REOC located at 5195 Spectrum Blvd., be there at 9 AM sharp! Bill Nichols... NN7K
SIERA CLUB: Silver State Charter High School, 788 Fairview Dr, Carson City..... 3rd Saturday of January, March, May, July, September, and November

.....Dale Anderson, kv7s@charter.net

Elko Area: Third Saturday of January, April, July, October.

11:00AM, Northeast Nevada Regional Hospital, 2001 Errecart Boulevard, Elko, NV w7gk_1@yahoo.com

SNARS, P.O. Box 7727, Reno, NV 89510

Membership: \$40 Individual, \$50 Family

OFFICERS 2017

President.....Tony Marcin.....W7XM
 Vice President..... Jim Shepherd.....W6US
 Treasurer.....Bill Jones.....AE7OX
 Secretary.....Rob Dunbar.....NB6C
 Director.....Wes Vick.....KG7QXE
 Director.....John Byerly.....N7ROJ
 Director.....Barry Bettman.....K6ST

STAFF 2017

By Laws Review Committee.....vacant
 Club Public Information Officer.....vacant
 Control Operators Manager.....W7DED
 Cracklin' Static Editor.....WB2AWQ
 Meeting Greeters.....AE7OX
 History Archivist.....KF7KTC
 Station Licensee for KR7ENO.....WB2AWQ
 Control Operators FOR KR7ENO.....WB2AWQ
 Station Licensee for W7TA.....KE7VSR
 Tech Committee Chair.....N7ROJ
 Chief VE Examiner.....NN7K
 Membership Chairman.....N2MOO
 Program Chairman.....vacant
 Web MasterW7XM
 Facebook Page Administrator.....W7XM
 Events (ARES) Coordinator.....WA6MTY
 Education Team Chair.....W7XM
 Reno Ham Swap.....NB6C
 Field Day Co-chair.....KS6A
 Field Day Co-chair.....W6US
 Audit.....vacant
 Noon Net.....KG7QXE

SNARS Repeater System Frequencies

I-80-Mt Rose Linked System (W7TA)

Reno, Sparks, Carson City (Ophir Peak) 443.075 + 123.0 Normal Operation
 Lovelock, Black Rock Desert (Toulon Peak) 146.925 - 123.0 Normal Operation
 Winnemucca 146.670 - 123.0 Normal Operation
 Reno, Sparks (Virginia Peak) 147.030 + 123.0 Normal Operation
 Carson City, Tahoe, Truckee (Mt Rose Knob) 147.150 + 123.0 Normal Op
 Reno, Sparks, North Valleys (Peavine Peak) 147.210 + 100.0 Normal Operation
 Yerington, Wellington (Lobdelle Peak) 444.875 + 100.0 Normal Operation

IRLP/EchoLink System (W7TA)

Reno, Sparks (GSR) 147.300 + 123.0 Connected to/Status:

Standalone Systems, Ragchew Repeaters (W7TA)

Reno, Sparks 52.580 - 114.8 Normal Operation
 Reno, Sparks, Carson City, Dayton (Ophir Peak) 147.390 + 100.0 Normal Op
 Reno, Sparks 927.1125 - 114.8 Normal Operation
 Reno, Sparks, Carson City (Ophir Peak) 146.610 - 123.0 Not Linked, off air

Digital/APRS Systems (W7TA)

Reno, Sparks, Carson City (Ophir Peak) 145.050 - RNO Normal Operation
 Carson City, Tahoe, Truckee (Mt Rose Knob) 145.050 - ROSE Normal Op
 Lovelock, Black Rock Desert (Lobdelle peak) 144.390 - TOULON Normal Op

Portable Repeaters (W7TA)

Portable System 146.995 - 123.0 Special events only

DMR Digital Mobile Radio

Reno-Sparks 444.925 + CC1 DMR System
 Reno, Carson, Dayton 444.825 + CC1
 Lake Tahoe, Truckee 443.925 + CC1

C4FM Digital Repeater – YAESU OFF THE AIR

D-Star (N7NDS) NARRI

Reno-Sparks-Carson (Mt Davidson) 444.625 + (Module B)
 Reno-Sparks-Carson (Mt Davidson) 145.175 - (Module C)

THE NAME OF THE GAME

Jim Shepherd W6US, nvjims@gmail.com

Contests

Practically every weekend there is some kind of contest on the ham bands. They range from the biggies like the ARRL DX Contest and the Sweepstakes to small regional or local contests like the VHF Sprints. For every ham that is overly serious about contesting, there are hundreds of us that jump in for a few contacts or to get that rare contact. It is a great way to pick up DX, states and WPX entries toward some great operating awards.

You don't need a five element beam for 80m on a 150' tower to get into the game. Simple wire antennas can get you on the air on most bands. Inexpensive vertical antennas with a good tuner can also do well for DX on the upper three contest bands.

Each contest has different rules but there are some common elements. Obviously you need to confirm copying the callsigns, and there is usually some sort of required exchange. The ARRL website has the information on most contests. You will have to keep a log of the contacts and the exchange, and it is preferable to use a computer logging program to make it easier to send in your results. There are lots of logging programs, and one of the best of the free programs is the N1MM Logger which comes with the templates for most of the contests. These programs log the contact, check for duplicates, keep score, show needed multipliers, and can prepare your final logs for submission to the contest sponsors. Most have features that allow them to control some radios.

One thing that you will quickly notice on most contests is that the operator on the other end will usually be very happy to get a station in Nevada! It is fun to be on the receiving end of a pile-up. This weekend's ARRL DX is one of these contests where Nevada contacts are at a premium.

Some stations run in the Multi Operator category allowing several radios to be used at the same time or allow the operators to have breaks. Helping with this type of operation is a good way to learn about serious contesting. Our Field Day was a good example of a Multi-Op operation. Some contests will allow Club entries, which combines the scores of all of the reporting members of a club and is a fun way to get the Club some recognition. Some contests will allow the use of spotting

networks like an internet or packet cluster to see who is operating where. On all contests, you cannot use a repeater or non-ham communications to solicit contacts during the contest.

There are several contests that can be enjoyed by every licensed ham. The 10 meter contest in December has virtually all of the activity between 28.000 and 28.500 MHz and provides a lot of DX activity. The VHF contests, especially now with the new "FM only" class, can provide some good experience. The ARRL DX contest can be run as a "Single Operator, Single Band" on 10 meters and if the band is open, you can get a long ways toward your DXCC award (100 countries).

The two major contests this month are the ARRL DX contest starting at 4 pm local time on Friday and running until 4 pm Sunday afternoon. The idea is to work as many different countries, and as many hams in those countries as possible during those 48 hours. Your exchange would be a '59' signal report followed by 'NV' for the state of Nevada. You can work a station for credit once on each band. More information can be found at: <http://www.arrl.org/arrl-dx>

The second contest is the CW WPX contest. WPX stands for Worked PrefiXes, and the idea is to work as many different callsign prefixes as possible. These stations can be from just across town to the other side of the world! You can work each station on each of the 6 bands for credit. Your exchange would be '59' followed by a sequential serial number (001, 002, etc.) It starts at 5 PM local on March 24 and runs until 5 PM on Sunday. As a single operator, you can only work 36 of the 48 hours with off times that need to be at least 60 minutes... More information is available at <http://www.cqwp.com/rules.htm>

Once you complete the contest, you will need to send in your log, and be sure to check the deadline. You should also upload your log to Log Book of the World, (LOTW), a free service provided by the ARRL that allows confirmation of your contacts. Besides being a courtesy to the hams you have worked, it will allow you to easily collect QSOs towards various awards like the DXCC and the WPX awards.

Next time you hear contest activity, join in on the fun.

MIKE'S MISSIVES CHAPTER TWENTY THREE

PART 97 - VANITY CALL SIGNS

Under the Vanity Call Sign Program, individual amateurs and club stations may select a distinctive call sign to replace the one assigned by the sequential system. There are many reasons for doing so. Some operators want shorter call signs, or call signs that are easy to say or send. A popular choice is a suffix with the initials of your name. Others may want to recapture a former call sign or that of a departed friend or family member. Some operators just grow tired of their current call sign and want to try something new.

Although there was a period in the 1970s when Amateur Extra licensees could select "1X2" call signs (N2CQ, K8MR and so forth), the current Vanity Call Sign Program is much broader. Beginning in 1996 amateurs could select any available call sign valid for their license class for a fee. The exact amount is subject to change each year, but has always been reasonable considering that the term is 10 years. In addition to paying the fee when the Vanity Call Sign is issued, note that you must pay whatever fee is in effect at your scheduled license renewal. The number in a vanity call sign does not have to indicate the call area in which you reside.

THE SNARS NOON NET

The Noon Net is on 147.030 +and 147.150+, PL 123.0, and 147.210 + and 444.875+, PL 100.0 . The net is held weekly at 1200, Sunday afternoon. This is a Q&A and information net for newly licensed hams and all hams wishing to ask question about different aspects of Ham Radio. It will give new hams in particular a venue for getting on the air in a controlled net moderated by a ham with experience. The net is open to all hams. Questions will be answered and discussed by the more experienced hams on the Net.

Weekly nets on the SNARS repeater systems

SNARS Noon net (daily, 12:00 PM, see below)

147.150 + 123.0, 147.210 + 100.0, 147.030 + 123.0, 444.875 + 100.0

The Morning Net (Monday – Friday at 10:00 AM)

147.300 + 123.0

Bishops Storehouse Net (Monday nights at 9:15 PM)

147.150 + 123.0, 147.210 + 100.0, 147.030 + 123.0, 444.875 + 100.0

North Western Nevada ARES Net (Tuesday nights at 7:00 PM)

147.150 + 123.0, 147.210 + 100.0, 147.030 + 123.0, 444.875 + 100.0

State SATERN Net (Tuesday nights at 8:00 PM)

147.300 + 123.0

State SKYWARN Net (Wednesday nights at 7:00 PM)

147.150 + 123.0, 147.210 + 100.0, 147.030 + 123.0, 444.875 + 100.0

Northern Nevada Preppers Group Net (Wednesday nights at 8:00 PM)

147.150 + 123.0, 147.210 + 100.0, 147.030 + 123.0, 444.875 + 100.0

State ARES Net (Thursday nights at 7:00 PM)

147.300 + 12

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NAME THAT RIG



(Answer on page 6)

Logistics Section Chief Needed for Field Day

This year's Field Day event will be held Friday, June 23 through Sunday, June 25 at Washoe Lake State Park. We have the same location that we had last year in the equestrian area. Due to the lack of tall trees in that section of the park, W6US will be bringing his tower trailer again to help with a tall support for antennas. We need a Logistics Section Chief to manage the camping part of this event. The Logs Chief will appoint a Food Unit Leader to make sure that all the participants are well fed and hydrated, and a Facilities Unit Leader to help erect additional shelters and other facility issues. Logs will

assign other personnel as needed. Logs will assist the Food Unit Leader with the purchasing of the food and drink for the event. The Logs Chief will need to be available from Thursday through Sunday of that weekend as well as present at planning meetings in advance of the event. If you are interested in this position, please contact Jim Shepherd, W6US, at nvjims@gmail.com.

Field Day Location is Set.

Mark your calendar for June 23-25 for Field Day 2017! We will be at Washoe Lake State Park in the equestrian area again this year. Jim, W6US, will be bringing his tower trailer to provide a high support for wire antennas as well as a tribander beam for the upper HF bands. We will be looking to run a 7A operation again this year with 2 CW stations, 2 digital mode stations, and 3 voice stations. There could be additional stations for a satellite contact, for VHF+ weak signal operations, and for a GOTA station (see below). There will be a dinner at 7pm on Saturday night for all, and plenty of water/soda and snack items during the event. Friday will be used to set up equipment and antennas, and those who come out to help with the setup will have a special reward... The on-the-air part of the event runs from 1100 Saturday to 1100 Sunday and some of the best operations will be during the wee hours of the morning. After the radios go silent on Sunday, there will be a lot of work to be done to get everything packed up so we can clear the site by 4pm. Everybody is welcome to come and participate—we will be calling for volunteers for various functions in the coming months before Field Day.

Get On The Air station at Field Day

The rules for a GOTA station are quite specific. It is for licensed operators who have been licensed since last year's Field Day or operators who haven't been on the air in the last year or more. Operators will be expected to make at least 5 different contacts. It is designed to give on the air experience on HF to these new operators and give them some confidence behind the microphone... In order to have any participation in this, the GOTA Supervisor must personally contact as many new hams as possible and get them to commit to come to Field Day. The last few years we have had zero GOTA operators even though we have committed resources to a station. The GOTA station will only be used if someone comes forward by the March 15 Board Meeting who is willing to do the work. The other 7 stations can be used by anyone who wants to operate, including the general unlicensed public with control operators present. For further information, contact Jim Shepherd, W6US.

SNARS CALENDAR

SNARS monthly meeting (breakfast!)
Saturday, March 4th, 8:00 AM
Boomtown Casino Hotel, I-80 exit 4, Verdi NV

QCWA Nevada Chapter
Saturday, March 11th, 11am – 12pm
Famous Dave's Bar-B-Que, 4925 Kietzke Ln, Reno, NV

Board of Director's Meeting - SNARS
Wednesday, March 15th, 2016 6:00 PM - 7:00 PM
Washoe County Regional Emergency Operations Center,
5195 Spectrum Blvd Reno, Nevada 89512

FUN STUFF FOR MARCH

Looking for some excitement on the bands during the winter? There's something for everyone on the air!

4 Mar 0000 to 5 Mar 2359 1.8-28 ARRL International DX Contest, SSB Ph www.arrl.org/arrl-dx

11 Mar 1800 to 12 Mar 1800 1.8-50 QCWA QSO Party CW Ph Dig www.qcwa.org

12 Mar 0000 to 12 Mar 0400 3.5-14 North American Sprint, RTTY Dig ncjweb.com/Sprint-Rules.pdf

25 Mar 0000 to 26 Mar 2359 1.8-28 CQ WW WPX Contest, SSB Ph www.cqwpw.com/rules.htm

For a full list of contests, see:

<http://www.arrl.org/files/file/Contest%20Corral/March%202017%20Corral1a.pdf>

If you're not into contests, there's always DX to chase, and February has some good ones! Some of the better DX operations coming up in MArch:

2017 Mar03 to Mar05 **West Malaysia 9M4IOTA**

2017 Mar04 to Mar11 **Togo 5V7V**

2017 Mar07 to Mar10 **Ogasawara JD1BLY**

2017 Mar07 to Mar21 **Ghana 9G5X**

2017 Mar08 to Mar20 **Nepal 9N7EI**

2017 Mar09 to Mar19 **Ivory Coast TU7C**

2017 Mar09 to Mar21 **Niger 5U5R**

NAME THAT RIG (from pg 4)

WELCOME NEW SNARS MEMBERS

New Members for February

Kevin	Arrington	KI7JHE
Barbara	Cornell	N4LBZ
John	Cornell	KI4WN
Laurie	Flannigan	KG7PBP
Fred	Holmes	W7FEH
Darryl	Plumb	KD7EXE
Terry	Haggard	KK7IH
Shawn	Cullen	KI7KXF
Jeff	Saffle	KI7KXO

The TenTec Century 21 (model 570) was introduced in the late 1970s. At a very reasonable selling price of \$179, it was a fairly bare-bones transceiver, although the receive side had some good controls. It was aimed at the Novice crowd, with 30 watts out, CW only, and VFO control. It was solid state, so no fiddling around with transmitter controls was necessary. On the receive side, the receiver design was direct conversion, it had AF and RF gain controls, receive offset (RIT), and several selectivities. However it had no S-meter, the meter providing only transmit output monitoring. You could be as generous or as scroogy as you liked with signal reports. The first model came with crystals only for 80 40 and 20 meters (20 makes no sense for Novices). Later ones included all crystals, and the latest one had a digital readout. It's a collectible, and does make a fine auxiliary rig. And 30 watts will get you lots of DX.

Total Members as of January 30, 2017 - 320

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ARES NEWS

EVENT 2016	DATE	DATE END	SPONSOR/ORGANIZER	COORDINATOR	CONTACT
Reno 5000 -1	4/30/17		Dolan Auto Group	Bob Miller WA6MTY	wa6mty@gbis.com
Silver State 50/50 race	5/20/17		Silver State Striders	Steve KS6A	ks6a@sbcglobal.net
Indian Valley Century Bicycle Ride	5/27/17		Plumas ARC	Larry Trotter KI6YUK	dltrtoter@sbcglobal.net
Lost and Found Gravel Grinder SBTS	6/3/17	6/4/17	Plumas ARC	Brian KJ6EAC	brianv@psln.com
America's Most Beautiful Bike Ride	6/4/17		Tahoe Amateur Radio Assn	Paul McCaffee	paul.mcafee@att.net
Pony Express Re-Ride	6/5/17	6/15/17	SIERA		http://www.cvhams.com/contact.php
FIELD DAY	6/24/17	6/25/17	SNARS		holden7471@msn.com
Reno 5000-2	6/25/17		Dolan Auto Group	Bob Miller WA6MTY	wa6mty@gbis.com
Death Ride	7/8/17		Tahoe Amateur Radio Assn	Paul McCaffee	paul.mcafee@att.net
Tahoe Rim Trail	7/14/17		Tahoe Mountain Milers	Bob Miller WA6MTY	wa6mty@gbis.com
Round Valley Walk/Run	8/5/17		Plumas ARC	Larry Trotter KI6YUK	dltrtoter@sbcglobal.net
Running With the Bears	8/19/17		Plumas ARC	Larry Trotter KI6YUK	dltrtoter@sbcglobal.net
Reno 5000-3	8/27/17		Dolan Auto Group	Bob Miller WA6MTY	wa6mty@gbis.com
Tour De Tahoe	9/10/17		Tahoe Amateur Radio Assn	Paul McCaffee	paul.mcafee@att.net

Reno Air-Races	9/13/17	9/17/17	WC-ARES	Rick Russell KF7KEM	wa6mtv@gbis.com
Edible Pedal 100		9/17/17	Sunrise Rotary Club	Bob Miller WA6MTY	wa6mtv@gbis.com
Grinduro SBTS	10/7/17	10/8/17	Plumas ARC	Larry Trotter KI6YUK	dltrtoter@sbcglobal.net
Indian Valley Leaf Peepers	TBD		Plumas ARC	Larry Trotter KI6YUK	dltrtoter@sbcglobal.net

NOTE: Plumas ARC always have a need for operators. Go over to some beautiful country and help out the Plumas Amateur Radio Club

If you want to participate in any of these events please contact the coordinator.

Many thanks to everyone who helped with these events in 2016 as we provided 1385 volunteer hours to the community.

The 2016 ARES Annual Report:

ARRL ARES 2016 ANNUAL REPORT			
NEVADA ARES MEMBERS	NV ARES EVENTS	NV VOLUNTEER HOURS	NV VOLUNTEER VALUE
301	343	3876	\$73,644
NATIONAL ARES MEMBERS	NATIONAL ARES EVENTS	NATIONAL VOLUNTEER HOURS	NATIONAL VOLUNTEER VALUE
3517	1457	27,594	\$524,286

Bob Miller WA6MTY
 Amateur Radio Emergency Service
 Emergency Coordinator
 775 843-5952
www.wcares.us

<p align="center">FEATURED PRODUCT</p> <p>This package is an unbeatable deal! Here are some features:</p> <ul style="list-style-type: none"> • Vertical antenna (80-2 meters) • 150 watt PEP capacity • 25' counterpoise w/ winder • Jaw-mount bracket (for horizontal or vertical mounting) • PL-259 connector <p align="center">SNARS PRICE: \$89.95 REGULAR PRICE: \$99.95</p>	<p align="center">ABOUT US...</p> <p>We carry a variety of new products such as antennas, mag mounts, switches, coax cable, connectors, and more.</p> <p>We also have a wide selection of both vintage and modern ham gear, which you are more than welcome to peruse at your leisure. From Collins to Elecraft, you never know what we'll have on our racks!</p> <p>If you're looking for anything particular, give us a call and we'll add you to our "wanted" list. The next time we find that specific piece, we'll give you a call before it's listed for sale anywhere else!</p>
<p>Ham&HiFi 155 Glendale Ave Suite 12 Sparks, NV 89431 775-386-2506 www.hamandhifi.com</p>	<p align="center">WE BUY EQUIPMENT</p> <p>We are always buying used equipment whether it's ham gear, high fidelity audio, tubes, or test equipment. Whether it's vintage tube equipment or the latest product on the market, working or not, near or far, we would love to hear from you. Give us a call for more information!</p>



Board of Directors Meeting

February 16, 2017 – 6:00 PM

Washoe County Regional Emergency Operations Center
Board Room
5195 Spectrum Blvd, Reno

DRAFT MINUTES - To Be Approved on March 15, 2017

1. Call to order at 6:01 PM

Anthony Marcin, W7XM	Yes	Barry Bettman, K6ST	No	Rob Dunbar, NB6C	Yes
Bill Jones, AE7OX	Yes	John Byerly, N7ROJ	Yes	Wes Vick, KG7QXE	Yes
Jim Shepherd, W6US	Yes				

Visitors

2. Approval of Minutes

- A. W6US moved to approve the minutes from the January 18 16, 2016 Board of Directors meeting. The motion was seconded by KG7QXE and the motion passed.
- B. NB6C moved to approve the agenda as presented. W6UA seconded the motion and the motion passed.

3. Reports

A. President's Report -

- 1. Not too much going on. I am helping Las Vegas with their convention.

B. Secretary Report

- a. Status Report – Nothing to report.
- b. Change of Organization Type from Chapter 81 to Chapter 82 – NB6C will look over documents prepared by W7XM.

C. Membership Coordinate

- a. 328 members. Added 5 new members.

D. Treasurer

- a. Balances as of January 31: Checking: \$10,458 Savings: \$3,244 PayPal: \$1,230 Trust Fund: \$9,914 for a total of \$24,850.

E. Technical Committee - Report

- a. Virginia Peak – It appears the antenna may have been damaged during the storms. Looking to purchase a new Telewave dipole antenna.
- b. Grand Sierra Resort is still off line. Need to schedule a site visit.
- c. Link system has noise and may be one of the link radios.
- d. Tulon went down today however link radios are working.
- e. No plan to visit Mountaintops until snow clears.

F. Control Operators / Trustee - Report

- a. No Report

G. Events

- a. Field Day 2017 – We have equestrian site again. We need a logistics person to take care of food and camping.

- b. Reno Ham Swap – Will be held on Saturday May 6. Swap will start at 6 AM and breakfast will be at 8:00.

H. Education Team

- a. No upcoming classes

I. Noon Net

- a. At the next breakfast meeting the net control operators will do a demonstration.
- b. KG7QXE asked if there was a way his group could get repeater status updates so the group could report them during the noon net.

J. HF Team

- a. No Report

4. New Business

- A. No new business

5. Next Meeting

- A. No December Directors Board meeting. The next meeting will be March 15, 2017 - Wednesday at 6:00PM - Washoe Regional Emergency Operations Center.

6. Public Comments

None

7. Adjournment at 6:44 PM by AE7OX 2nd by KG7QXE