

CRACKLIN' STATIC



SIERRA NEVADA Amateur Radio Society

Serving the Amateur Radio Community since April 16, 1968

<http://www.snars.org>

RENO, NEVADA

FEBRUARY 2016

----PRESIDENT'S VOICE----

Anthony Marcin, W7XM

We have a lot of exciting things going on this month. First we are starting the next phase for the DMR project. We will be working on installing a DMR Repeater for the Incline Village Area. This area is in the shadow from Relay Peak Mountain which is in the way of Mt Rose and Incline Village. This project kicked started with the availability of a used but very well taken care of and low usage DMR repeater. We have setup a special project page to outline what this project entails at <http://snars.org/dmr/> and click on the Incline Village Button on the right. We are of course looking for donations to help support this project and a donation button is on the page if you wish to help out.

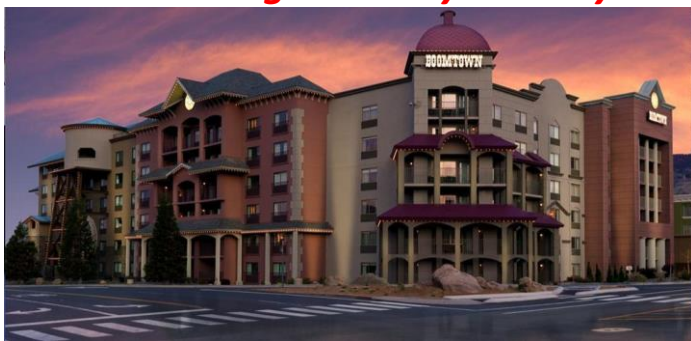
The other big project this month is to solicit members to help out with the several committees we have. At the February breakfast meeting with will provide an overview of all the committees and how and who to contact to get involved. We have also placed on our website a current list of committees and the assigned chairperson and or managers at <http://snars.org/about/board>. You will also find the board roster as well. We will work on providing the committee overview and possibly a separate committee section on the website in the near future.

Finally please remember to keep Don Seibert, N2MOO in your thoughts as he is transitioning to the next phase of his rehabilitation after his Jan 1st accident. He will be transferring soon to a rehabilitation hospital where he will receive intense rehabilitation and hopefully to a better road to recovery. There is a fundme account at <https://www.gofundme.com/pyh5stvp>. Any support is greatly appreciated. I personally have to say he has been missed sorely on the board and myself along with the board hope for a full recovery.

Until next month 73 and thank you for your support of SNARS!

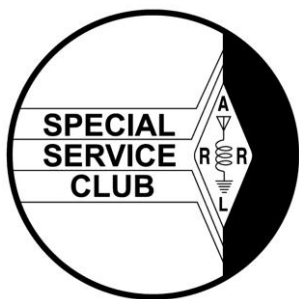
Tony, W7XM

SNARS meeting Saturday January 2



8:00 AM Boomtown Casino Hotel, I-80 exit 4, Verdi NV, in the Banquet/Conference Center. See page four for full details on breakfast etc.

We will talk about the SNARS committees we have and also invite people to join them.



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

Membership: \$40 Individual, \$50 Family

OFFICERS 2015

President.....Tony Marcin.....W7XM
 Vice President.....Don Seibert.....N2MOO
 Treasurer.....Bill Jones.....AE7OX
 Secretary.....Judy Carlson.....KE6GIW
 Director.....Steve Johnson.....KS6A
 Director.....John Byerly.....N7ROJ
 Director.....Jim Shepherd.....W6US

STAFF 2016

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.....KS6A

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 2016

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 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 (KR7ENO)

Portable System 147.000 - 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

Club Participation

So you have your new license or have been around awhile, and have joined the local radio club. What now? You see that there are a number of activities sponsored by SNARS, but do you know how these come to pass? These functions of the club are all done by volunteers, members of various committees that keep the club running.

In any club, there is a small cadre of volunteers that seem to be doing all the work. They are always looking for more help, and now that the club has grown to over 300 members, this is needed. To give everyone a taste of some of these activities, there will be a "Committee Night" staged in the near future to bring together all of the committee chairs to explain their function and the opportunities to further your knowledge of ham radio and the club by joining them. Here are some of the current committees and their functions.

The Technical Team is composed primarily of the hams who have worked in the 2-way industry who actually go to the mountains to keep our repeater system working and develop new facilities. They are looking for folks who want to learn more and are willing to go to the sites to help with the work.

The Control Operators group monitors the operation of the repeaters and does such functions as isolating a repeater from the system for use on special events. They also help control the IRLP and Remote Base functions on some of the repeaters.

The Education Team is the dedicated group that runs the new ham classes, DMR workshops, CW classes, and other educational events throughout the year. They work closely with the Volunteer Examiners Team to insure that their efforts are rewarded with new or upgraded licenses.

Some functions are more administrative like the Bylaws Committee and the Audit & Budget Committee that keep us on a firm financial footing and in good graces with the government with our tax status. The Membership Committee makes sure that you get your

membership credentials, renewal information, and they also are recruiting new members.

The Ham Swap Committee organizes the two flea markets each year. These are great opportunities to get rid of that gear that is gathering dust and pick up some other stuff to replace it. The Christmas Party committee plans the crowning event of the social year for club members.

Communications with our membership and the community is important. This edition of the Cracklin' Static didn't just happen, it takes the hard work of our editor and lots of input. If you have the knack of writing, photography, graphics, or news gathering, consider working on the Newsletter! Along that line we are definitely in need of members on the Public Information Officer staff to get out information to the local media, and handle the Social Media and Mini-Static publications.

The Noon Net is looking for more Net Control Stations. They are making changes to the formats and hope that you will want to join them in this process.

Finally, we are getting to a couple of my favorite committees, Field Day and Contest committees. Held on the last full weekend in June, Field Day is our biggest on-the-air event of the year. We have been running in 7A class which means that we need 7 stations on the air at the same time. There are dozens of opportunities to help from cooking (this is the 2nd biggest social event of the year...), to antenna erection, to operating at 0300 local time. We are planning on the same location at Washoe State Park again this year. There are enough hams interested in participating in the national and worldwide contests on the radio to start a Contest Committee to help coordinate activities.

There is a spot for anyone who wants to help somewhere among the various committees. It is a lot of fun and all are welcome to participate! At the breakfast meeting this Saturday, there will be more information and a date will be announced for the Committee Night.

MIKE'S MISSIVES CHAPTER THIRTEEN

PART 97 --- Questions and Answers to the FCC

Q. Our club will be holding a special event using the club's call sign. The call sign belongs to an Amateur Extra class licensee. I hold a Technicians License. Will I be able to operate on Extra Class frequencies during the event?

A. The answer depends on the class of the control operator in charge at any given time. A club special event 1X1 call sign does not convey any operating privileges. Also, the license class of the trustee is immaterial in these cases. It all comes down to the license held by the control operator at that moment.

If the control operator is a Technician, then the station may only be operated on the Technician class frequencies. To operate the radio on extra class frequencies, there must be an Extra class licensee *present at the control point of the radio.*

(Editor's note: that means, not just at the site roaming around somewhere, but physically by the radio control point. For instance, if KB2SFS – a General class - and I are operating in the CW tent on Field Day, he is OK going into the extra portion of the band he's operating on. If I leave the tent he has to stay in the General portion till I get back inside.)

Weekly nets on the SNARS repeater systems

Western Nevada Noon net (daily, 12:00 PM)

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 + 123.0

SNARS New Ham Net (Sunday afternoons at 12:00 PM)

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

THE NEW HAMS & INFORMATION NET

The New Hams Q&A Net 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, every Sunday afternoon. The purpose of this net 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 more experience. The net will be open to any interested ham. Questions will be answered and discussed by the more experienced hams listening on the Net.

* * * * *

FUN STUFF FOR FEBRUARY

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

Here are just a few of the bigger contests for February (by date and time Z, and including web links with full details):

2/6 0001 to 2/7 2359 28 10-10 International Winter Contest, SSB www.ten-ten.org

2/8 1300 to 2/12 2359 All ARRL School Club Roundup CW Ph Dig www.arrl.org/school-club-roundup

2/13 0000 to 2/14 2359 3.5-28 CQ WW RTTY WPX Contest Dig I www.cqwxrtty.com/rules.htm

2/14 1400 to 2/17 0800 1.8-144 Classic Exchange, Phone www.classicexchange.org

2/20 0000 to 2/21 2359 1.8-28 ARRL International DX Contest, CW www.arrl.org/arrl-dx

2/26 2200 to 2/28 2200 1.8 CQ 160 Meter Contest, SSB www.cq160.com/rules.htm

2/27 1800 to 2/28 0559 3.5-28 North American QSO Party, RTTY Dig www.ncjweb.com/NAQP-Rules.pdf

See the following link for a comprehensive list of contests:

<http://www.arrl.org/files/file/Contest%20Corral/2016/February%202016.pdf>

If you're not into contests, there's always DX to chase! Some of the better DX coming up in February:

* * * * *

NAME THAT RIG



(Answer on pg 6)

SNARS CALENDAR

SNARS monthly meeting (breakfast!)

Saturday, February 6th, 8:00 AM

Boomtown Casino Hotel, I-80 exit 4, Verdi NV

Technical Committee Meeting - SNARS

Wednesday, February 10th, 2016 6:00 PM - 7:00 PM PDT

Washoe County Regional Emergency Operations Center, 5195 Spectrum Blvd Reno, Nevada 89512

Board of Director's Meeting - SNARS

Wednesday, February 17th, 2016 6:00 PM - 7:00 PM

Washoe County Regional Emergency Operations Center, 5195 Spectrum Blvd Reno, Nevada 89512

Feb08 to Feb17 Lesotho 7P8C

Feb09 to Sep18 Namibia V5

Feb20 to Mar01 Senegal 6W7

Feb14 to Feb19 Falkland Is VP8IDX

Feb18 to Feb24 Tonga A35T

Feb18 to Mar04 Guinea 3XY1T

Visit <http://www.ng3k.com/Misc/adxo.html> for current info and full lists!

Ham Cram (see <http://snars.org/classes/>)

Saturday, February 20th, 2016 8 AM

Washoe County Regional Emergency Operations Center, 5195 Spectrum Blvd Reno, Nevada 89512

VE Exams - SNARS

Saturday, February 20th, 2016 9 AM

Washoe County Regional Emergency Operations Center, 5195 Spectrum Blvd Reno, Nevada 89512

WELCOME NEW SNARS MEMBERS!

NEW MEMBERS FOR JANUARY 2016

James	Davis	KF7GCT
Dennis	Dickinson	KI6KQJ
Tom	Dickinson	KG7YKV
Christopher	Hoffmann	KA7CJH
Ed	Rogers	KF7WUR
Debi	Rogers	KF7WUQ
Paul	Scott	AF7GR
Donald	Sherman	W7SSB
Jim	Case	KG7YWG
Richard	Hawkins	KE7HSW
William	Kaene	WB6CZG
Gail	Alexander	KK6ZPU

NEVADA STATE CONVENTION

Set for April 29, 30, May 1, 2016 - Las Vegas, NV.
 Info: <http://nvcon.org>

ARES NEWS

If you remember my report in last month's STATIC, Amateur Radio operators provided 1509 volunteer hours supporting community events. Well here is the list of events and this year's dates.

EVENT 2016	DATE	DATE END
Reno 5000 -1	5/1/16	
Silver State 50/50 race	5/20/16	
America's Most Beautiful Bike Ride	6/5/16	
Pony Express Re-Ride	6/15/16	6/25/16
Reno 5000-2	6/26/16	
Death Ride	7/9/16	
Tahoe Rim Trail	7/16/16	
Vegas to Reno Off road Race	6/???	
Running With the Bears, Plumas	8/20/16	
Reno 5000-3	8/28/16	
Round Valley Walk/Run, Plumas	9/???	
Tour De Tahoe	9/11/16	
Reno Air-Races	9/14/16	9/18/16
Sierra Valley Gran Fondo, Plumas	9/18/16	
Edible Pedal 100	9/18/16	
IV Leaf Peeper Run, Plumas	10/02/16	

On Saturday February 6th we will be reviewing all the events and review what is involved supporting these events with communications. If you haven't participated in these kinds of events and want to know what is involved, come to the Regional EOC on 5195 Spectrum Blvd at 1000 and find out. Part 97 states you must be available to provide your communications skill

during/after an emergency and these type events are great exercises to make sure you and your equipment are ready. Also gives you experience in providing communications support.

If you did help out help join me to explain what your experiences were last year.

See ya Saturday!

Bob WA6MTY
 Washoe County Emergency Coordinator

LOOKING FOR A FEW GOOD WRITERS

Do you have an interesting radio-related article you'd like to see published in Cracklin Static? Proud of your shack, and have some photos of it? Built a nice piece of gear or accessory for your station? A colorful QSL card? We'd love to include your work in Cracklin Static! See an error in Cracklin Static? You can contact me (WB2AWQ) at holden7471@msn.com, or call me at 846-6820 (cell) to discuss! This is YOUR newsletter!.....73, Howie

NAME THAT RIG (from pg 5)

The Collins 51J-3, more widely known by the military designation R-388/URR first appeared in 1950, following the 51J-1 and J-2 series from Collins which first appeared in 1949. The R-388/URR was the military's main choice of fixed station receiver for some 14 years, replaced eventually by the very well-known R-390. The R-388/URR was known for rock-solid stability, and very precise dial readout, better than 1Khz, over the 0.5 to 30 Mhz range, unheard of in its time. It was the first receiver the military used that could stay with an RTTY signal to assure solid copy over long periods of time without operator intervention. Employing 19 tubes, weighing in at over 45 lbs, and built solidly, the military and government used thousands of them the world over. Because they were pricey, even on the surplus market, their use in ham stations was somewhat limited. Even today it's considered a complicated unit, using a system of dozens of gears, cams, and pulleys to achieve its accurate readout. And yet, most of those found for sale require little in the way of work to get them operational, a testimony to their top-notch construction and components used. The last of the R-388/URR (actually the R-388A/URR) receivers shipped in 1964.





Board of Directors Meeting

January 20, 2016 - 6:00 PM

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

DRAFT MINUTES - To Be Approved on February 17, 2016

1. Call to order and roll call at 6:00 PM

Anthony Marcin, W7XM	yes	Don Seibert, N2MOO	no	Judy Carlson, KE6GIW	yes
Bill Jones, AE7OX	yes	John Byerly, N7ROJ	yes	Steve Johnson, KS6A	yes
Jim Shepherd, W6US	yes				

Members in Attendance: Dave Miles, KF7EGU | Wes Vick, KG7QXE

2. Approval of Minutes

- A. Approval of minutes of the December 16th Board of Director's Meeting. - APPROVED - 1st Motion by KS6A 2nd Motion by N7ROJ - All Approved
- B. Approval of Agenda -- APPROVED - 1st Motion by KS6A 2nd Motion by N7ROJ - All Approved

3. Reports

A. President's Report -

President had no report other than Don Seibert, N2MOO and asked John, N7ROJ to provide an overview of his status since he visited him most recently. His condition is stable and in currently in rehabilitation. He will be in rehabilitation for the foreseeable future.

B. Secretary Report

- a. Business Calendar Activities - W7XM will provide the SNARS board with the Business Calendar Activities and review next meeting. This will be printed or shared in an e-mail for board members. This Calendar helps to keep us current on bills, licences and things we need to do all year through. It also keeps us aware of meetings, show, and activities that SNARS has scheduled.
- b. Change of Organization Type from Chapter 81 to Chapter 82 - W7XM requested KE6GIW to assist with changing our Organization Type from a Chapter 81 into a Chapter 82. KE6GIW agreed to help with this change. This will keep the organization in a Non-profit status WITHOUT THE NEED OF HAVING A CERTAIN DOCUMENT NOTARIZED EVERY YEAR.

C. Membership Coordinator

- a. Membership Status - Report - **304 Members** as of 1-20-16, 9 of these members are new members. The board decided we will try to find a SNARS member to help out and be a temporary Member Coordinator while the Board Member, Don Seibert, N2MOO is out on a medical leave.

D. Treasurer

- a. Financial Report
- b. Balances: Checking: \$ 10,869.85 Savings: \$3,241.07 Paypal: \$1,341.49
Note: The balance of the "EMCOMMWEST" Bank account has been transferred into the SNARS account. We now have control of these funds and the funds of \$10,200.00 are on "hold" for future usage. A procedure and specific usage of the funds will be worked on this next year.

- E. **Technical Committee - Report** -- N7ROJ reported that there is a new NAME for this committee. We are now calling it "The Technical Team". This team has 5 directors who have keys to the sites and are knowledgeable in repairing the Repeaters and keeping the sites running. The Associates of this "Tech Team" do not have keys to the sites, but offer help and assistance when something is needed and discussed by the team. This new organization will help with getting things done along with allowing members if they have the technical know how or want to learn to have a place in the team.

Directors of the "Technical Team" are currently: John Byerly, N7ROJ (Chair), Tony Marcin, W7XM; Pat Shehan, W7DED; Paul Belton, W7PEB; and Steve Kometz, N7KP.

Associates of the "Technical Team" are currently: Richard Nehrbass, N7TGB; Dave Miles, KF7EGU, and Dodie Bracken, KF6UVX.

- F. **Control Operators / Trustee - Report -- Trustee Not Present** - Other Discussion by KS6A -- There were two discussions on the airwaves since our last Board meeting that were "Borderline discussion points" -- meaning these 2 operators were contacted and requested to abide by regulations and respect the airwaves. No one at this time has been actually banned from use of the radio from our SNARS membership list (unless otherwise noted in previous Board Minutes). We are asking all members or non-members who use our systems that EVERYONE identify yourself every 10 minutes and at the end of your conversation, Thank you.

G. Events

- a. Field Day -- by KS6A -- Steve Johnson, KS6A and Jim Shepherd, W6US both agreed that they will look into having field day again on June 24 through June 26 at the same Washoe County State Park where it was held last year. This park is called Washoe Lake State Park located in Washoe Valley between Reno and Carson City. -- Steve Johnson, KS6A will contact the State Park to try to reserve the spot for us.
- b. NVCON 2016 -- This conference is being held in Las Vegas. Dates of this convention are April 29 through May 1, 2016. Registration is open. Go to the Website : "nvcon.org" to find out more information and to register for the convention. The Venue in Las Vegas will be "Eastside Cannery Casino Hotel" and Registration will be open at 9:00 am on Saturday April 29th for PRE-Registered participants to pick up their packages and for WALK-UPS to Register. It is always preferred to PRE-REGISTER so an advance head count can be determined for room size and meal accommodations. Thank you.
- c. Ham Swap -- Rob Dunbar, NB6C has shown interest in continuing to head up a Swap Meet which will be the 1st weekend in May. We could possibly discuss having a hamfest in the future. Nothing on the calendar is confirmed as of yet.

H. Education Team

- a. Spring/Summer Workshops -- by W7XM -- Tony stated that we are planning on having both a Technical Class Workshop and a General Class Workshop this year.
- b. DMR Workshops -- by W7XM -- Tony and others stated that the turnout at the last DMR workshop was a very good turnout and about 20 people were in attendance. The Board is looking for instructors to help teach the DMR Workshops. If you are needing any upgrades done to your CS700 radio, contact "Connect Systems" and they will provide you with the information and cost to the upgrade you are needing.

I. Noon Net

- a. Discussion on current status -- by Steve Johnson, KS6A and Wes Vick, KG7QXE -- KS6A stated that the net controllers are not happy. The standard of the net should be enjoyment of ham radio. This is a very diverse hobby and everyone has different ideas and different ways of doing the net.
Wes discussed how he was presenting the net when he was the Net Control Operator. He reported that there has been very little participation in the net in the last month. The Board discussed that the Net Control Operators are now given the freedom to run the net in a way to make it more enjoyable and desired by the participants of the net. It was also decided that if there is no scheduled Net Control Operator scheduled for that time slot on a particular day, it is okay to have no net. That is to prevent any burn out of the NCOs.
- b. Discussion on Net Manager Role -- See above. Net Manager will be in charge of the format and working with control operators.

4. New Business

- A. DMR Software -- by W7XM -- Tony, W7XM proposed to the board that we purchase a mini computer for the repeater for the purpose of programming of DMR remotely. This was APPROVED. 1st motion - KS6A and 2nd Motion - N7ROJ - All Approved - Amount Approved: \$250.00 for software, \$150.00 for computer.
- B. Open for agenda items for next meeting.
 - a. Repeater Fund - By AE7OX - Bill proposed that SNARS should make a decision on putting away some funds to be used in the future for maintaining and Repairing any SNARS Repeaters. We discussed that either \$8.00 or \$10.00 of every membership dues should be put aside for this. This will be voted upon in the next meeting.
 - b. Space Station project -- This was brought to the board by Tom Taormina, K5RC. Nothing has been decided upon this request for help from SNARS MEMBERS. -- This item is tabled for next agenda.
 - c. Insuring SNARS equipment -- N7ROJ asked if we want to decide to insure any high item equipment owned by SNARS. W7XM stated that we can send a new list of serial numbers to our insurance company. It was decided, but not voted upon by the board, that we should only insure the NEW and EXPENSIVE gear. What we currently have is general liability insurance.
 - d. Loaning out of the club radio "FTM400" which is a 2M/440/digital radio ---- The majority spoke about loaning this radio to Doddie, KG6UVX. John Byerly, N7ROJ can assist Doddie in getting the antenna and coax needed. K6UVX has expressed a need of being able to maintain a stronger signal. She is currently helping run the noon nets and we as a board feel this is a good use for a radio that is currently not being used by anyone. This will be voted upon in the next meeting.

4. Next Meeting

- A. February 17 2015 - Wednesday at 6:00PM - Washoe Regional Emergency Operations Center

6. Public Comments

- A. Open for Comments
 - 1. "Thanks Tony" by KS6A

7. Adjournment at 7:26 PM