

ON THE BEAM

SHY WY RADIO CLUB AUGUST 1996

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Shy Wy Officers

President-Steve Cochrane
Vice President-Marty Luna
Secretary-Beth Harris
Treasurer-Pat Baird

August meeting location

Shy Wy will hold its August meeting at the American Legion Post No. 6, 2001 E. Lincoln Way on August 13 at 7 p.m.. The meeting room is in the west side of the building. There is handicapped parking, ramp, and entry on the west side of the building.

1. From our president

Thanks to all who helped with Frontier Day Parades. We had a lot of problems with the heat and

people not used to the altitude. This Frontier Days broke all records for attendance at the parades, rodeos, night shows, and pancake breakfast. We probably won't see that many people in attendance again until the 200th. I may not be here for that one, but those of you who will, have fun.

The weather has been real crazy this summer as well. Lots of Skywarn activity, as most of you know, and it may not be over yet. Thanks to all who have responded in a professional manner. As a reminder; keep monitoring your radios and keep your transmissions short and to the point. While your explaining the finer points of the cloud formation someone else may have emergency traffic.

Thanks to Marty (KJ7JJ), Bob (AA7TB) and a few others the ARES/RACES Communications Van is now a reality. It really looks GREAT!! Thanks guys!

See you all at the meeting on the 13th of August at the American Legion Post 6 on Lincolnway. 73 Steve, WA7H.

2. From our section manager

Our section manager sends us the following section news: I just got back from WIMU'96 and what a great time we had. It was good to see old friends and meet new friends from the four states that make up WIMU. Montana will host next year's WIMU and it looks like it may be held in Jackson, so mark your date books. Hope you all noticed the results of the 1995 S.E.T., for Wyoming kicked some tail on all the other Rocky Mountain Division

Sections. This impressive result is a tribute to Mac McDonald's (WB7K), hard work as S.E.C.. The unofficial results are in for Field Day '96 and it looks as if the Cody group did it again with an impressive score of 4,510. Folks, that is one very impressive score. On July 3 the front page of the Northern Wyo. Daily News had a photo and an article on the hams in Worland setting up the Washakie County E.O.C..It's this kind of hard work that puts Amateur Radio in the public eye and I would like to congratulate the hams in Worland for a job well done. Contest season is now upon us so best of luck to all you testers. 73's ex DX Rev WS7W.

3. Hamvention--Dayton, Ohio by Beth Harris (KJ7FC)

For those that have been to a Hamvention in Dayton, Ohio, you know what I mean when I say WOW! Hamvention is one of the biggest "get together" in the US, as well as the world. Thousands, and I mean thousands, of people come here each year to see the latest things from big companies, see old friends, make new friends, and have a great time.

This year I was invited to come to the Hamvention and give a talk at the youth forum about how Amateur Radio is a great hobby for kids. I was asked to do this forum by a teacher in New York, Carole Perry, WB2MGP, who saw me in QST after I received my award. I covered many things in my speech and, with the help of Mr. Crips and my dad, I showed a video of things that I am involved in.

Why Amateur Radio would be a good hobby for kids was the main topic of my speech. I told the audience, which was mostly kids of course, that it is a great learning experience. You learn about different people, their geography, and make a lot of new friends, which is a good thing to have. There are also many awards and scholarships that can help you with school. Many other things were touched on, but these were the main topics.

There were four other people and one club that talked after me. They talked about how they were introduced into amateur radio, scholarships from the hobby, the different boy scout things that deal with Amateur Radio, and the club activities of BARC JRs, or Boulder ARC juniors, which I have talked to many times. The second to last speaker was a young lady who was in the process of finishing a video about her and Amateur Radio. Although it was not complete, she showed about five minutes of the video.

There is also a lot of action going on outside the forums. Booths are set up everywhere. The Hamvention Committee reserved all of the Hara Arena. Which is one building made up of a large building for the main vendors mostly, a similar sized building, than a couple other buildings oddly place together. I could describe how big it is, but there really isn't a place in Cheyenne that I think would be comparable.

If you decided to have a swap table, you better have had sunscreen! All swap tables were put outside in the blistering sun and 100% humidity weather.

There was a total of 4461 tables outside placed neatly around the arena in the parking lot. My dad and I only saw one row out of the many that were there.

After a long, hot, and tiring day, my dad and I got to go to the Hamvention Banquet. You know the BARC JRs I mentioned earlier? Well, one of the "sponsors" of the club told us that the room at the Convention Center downtown this year, was half the size of the room from last year, which sat 1800 people. They had to cut the amount of people at the banquet this year.

Almost 40,000 or more people attend this event each year. A lot of money is spent and gained, and the result is a spectacular show. One thing was very special about this year's Hamvention, it is also Dayton's 200th Anniversary. Hamvention is a great thing to attend. You never know who you might meet. I never even expected to see anybody I knew there, and look who I ran into, the BARC JRs. So, if you haven't had a chance to go to the Hamvention, I suggest you do it soon and not miss all the fun.

4. ARES/RACES

ARES/RACES training
8 August--7 P.M. --LCEMA

I will be offering the FEMA course "Workshop in Emergency Management: AmateurRadio Resources. This course is designed for EMA Coordinators, Public Safety personnel, and Government Officials. I am first going to offer it to all Laramie County ARES/RACES members to prepare you and help you

understand what ARES/RACES role is with local and federal government. It is a three hour class, and will be held on **August 8 at 7:00 P.M. at the LCEMA.** Please plan to attend. This course is being presented on behalf of the Wyoming Emergency Management Agency, and Laramie County ARES/RACES. Participants will receive a functional student workbook for a later reference guide, as well as a certificate of completion. Let's get a good showing.

73's
Marty KJ7JJ
Laramie County ARES EC
Laramie County RACES Officer.

NOAA RADIO***162.475 MHz

NOAA Radio operates on 162.475 MHz and many of our VHF rigs are programmable in this frequency range. If you have been listening to any of the NOAA broadcasts lately you may have discovered that they now indicate if the weather potential might be such for the day that spotter activation might be possible. The National Wx Service says that this notice to spotters will continue to be in their forecast formats. It should be noted however, Wyoming's weather can change every 5 minutes. Skywarn activation will still officially be activated on our designated ham frequencies. Just use NOAA as a potential indicator for each day. The spotter announcements are only on from 10:00 until 13:00 each day.

**5. Technical committee
by Greg (KB7MUP)**

Transmitters and Duplexers, OH MY!

Technical Committee Update

RACES VAN: The Races Van is operational with a loaner VHF radio. The club will need to locate a permanent replacement for the loaner. I will donate a Micor mobile if the club will purchase a set of crystals for this radio. A second VHF rig is needed for the rear operating position. AA7WQ has donated a TS-440S for use in the van. We need to determine what it is we hope to accomplish with this van and get it setup right the first time. Watch for a work party in the near future on this project.

146.775 This machine has been returned to it's home QTH in the penthouse of the Burk Bldg. A new antenna has been installed as well as the battery back-up system. The phone patch is back on-line. Work on the voice ID'er project has been put on a back burner until the Albin repeater is working properly.

147.165 Thanks to the Saturday work party: AA7TB-Bob, N7SDK-Mark, KA7VIS-Joe, KB7ZWC-Chris, KC7ICT-Joe and KI7BU-Randy. This crew replaced the RG-8 type line with half inch heliax and raised the antenna to a new home at 170 feet above ground. Unfortunately, system coverage is still poor due to either a bad antenna or receiver "desense". Battery back-up is now in place and lightning and ac surge protection have been installed.

147.105 Watch for this machine to go off the air early August. I

plan on replacing the Harris mobiles with a Motorola Micor repeater by the end of August. There may be a work party to service the antenna system.

Thanks to all club members for your Kudos concerning the club repeaters. With the help from lots of members things are getting done and the participants appear to be finding the work parties both fun and educational. In case anyone is wondering, the list of technical committee members is identical to the club membership roster. Everyone has something to offer, everyone can learn something, and EVERYONE is encouraged to participate!

73, Greg

6. A bit of History

from History of the Shy-Wy Radio Club--April 1994
by
Jim Garrison (W7NE)

***** YEAR 1955 *****

" First try at Ham plates"

The Wyoming Ham Plates issue was brought before the state legislature and was rejected. A large number of questions were raised by various state agencies as well as members of the legislature. Note by Jim W7NE Letters from the Civil Defense and Red Cross were a help but there were too many unanswered questions. All of the questions should have been eliminated by contacting the people involved before the bill was introduced. Copies of the S-41 Bill and related paperwork are available in the Historians files.

**** 2 MARCH 1955 ****

Meeting held at the Light Company. Read ARRL bulletins, Treasurer's report and minutes of last meeting. Passed swap sheet. Don Hefkin W7VMT brought new list of Cheyenne and Warren hams. Report from Harvey Robertson W7HRM on Wyoming license plate bill and from the Rocky Mountain Director. Letter by Carl Dierks W7JJO is to be sent to all interested amateurs who helped with license plate bill. Nomination for SCM Oscar Youngland W7NVX of Casper, Wyo. was signed by the 10 members present. Election of new Secretary. Carl Dierks W7JJO elected. Film on Ohm's law shown. Ed Zent W7KUB brought projector. Went to the Mayflower Cafe for refreshments.

**** 31 MARCH 1955 ****

The only other information for this year is list of club supplies being turned over to Carl Dierks W7JJO (the new club secretary) by Frank Wolf W7EUZ (the old club secretary).

Among the items were some 2 cent postcards, some 3 cent stamps and \$3.54 in cash.

**** 4 MAY 1955 ****

Minutes and Treasury reports given. 14 Members present. Len Slater W7MWS gave Emergency Corp cards to applicants present. A tentative plan to try 29 MC for a local rag chew was established. Plans were established for Field Day exercise. Equipment was supplied as follows: 5 KW power unit from CAA, Viking Ranger - Carl Dierks W7JJO, 10A SSB - ED Zent W7KUB, Sonar 110W - Herb Luckritz W7GCB, Receiver - Harvey Robertson W7HRM, Receiver - ED Zent W7KUB, Receiver - Gene Kinney W7WET,

Stove- Frank Wolf W7EUZ. Other Field Day tasks: Check on antenna mast - J R "Jim" Mossman W7RIG, Check on school house - Carl Dierks W7JJO, - Lou Springer W7YWW

**** 7 SEPTEMBER 1955 ****

Check on old Highway patrol radio building. see John Roberts or Sherard. Check on city property for location of club house. Mayor Val Christenson and the city Commissioners. Don Jensen W7HCA, Gene Kinney W7WET and Marshall Perham W7WNI. Hal DeBacco W7YJG made a motion that Tom Powell W7YGW provide 3 mobile police units from the city police to be converted within 60 days, Seconded by Gene Kinney W7WET. The units to be donated to the radio club. Motion carried unanimously. Don Jensen W7HCA made the motion that at the next meeting the By-laws will be gone over and amended as necessary and any additional officers as deemed necessary be elected. Seconded by Len Slater W7MWS. Motion carried unanimously.

**** ?? OCTOBER 1955 ****

11 Members signed in at top of minutes. The Constitution and By-laws were brought up for discussion and revision. Gil Dugger W7MNV made motion that present Constitution and By-laws be dropped and a new set be drawn up according to ARRL pattern. Motion was seconded by Hal DeBacco W7YJG. Unanimous vote on motion. Marshall Perham W7WNI will go over the (note sentence ended here.) Don Jensen W7HCA made the motion that a membership fee of \$1.00 be made mandatory.

**** 2 NOVEMBER 1955 ****

Hal DeBacco W7YJG reported on

his inquiries about the cost of incorporating the club. Fees were stated as \$150. This included drafting of the Constitution and By-laws.

7. Members

Ice cream social

Come and join the fun on August 18. Shy Wy is having an Ice Cream Social with home made ice cream. You will have to bring your own beverage and anything else you would like to eat. Don't forget your own utensils and something to put your ice cream in. Come eat, converse, and have a good time. The time and location will be announced at the Shy Wy meeting.

It's contest time

Shy Wy is sponsoring a contest for a new letterhead and logo. Be creative and submit that logo in black and white by the August meeting so they can be judged by the September meeting. Prizes for this contest will be next year's (97) free membership and a Pico Pocket antenna.

Part 97

97.119 Station identification.

`Each amateur station, except a space station or telecommand station, must transmit its assigned call sign on its transmitting channel at the end of each communication, and at least every 10 minutes during a communication, for the purpose of clearly making the source of the transmissions from the station

known to those receiving the transmissions. No station may transmit unidentified communications or signals, or transmit as the station call sign, any call sign not authorized to the station.

8. Swap list

by Greg (KB7MUP)

Cheyenne Swap Sheet

To list items wanted, for sale or trade or to give away, contact KB7MUP on the Sunday VHF net on 146.775 at 11:00 am or send packet messages to KB7MUP @ N7CLV.

Steve - WA7H - 635-7085:
Wants CDE rotor working or not for parts.

Tom - WA7MAL - 632-9170;
Sell Kenwood TR-2600A 2 meter HT with charger \$76; Sell Hy-Gain TH6-DXX triband beam \$380; Sell Hewlett Packard HP-46g Graphic Calculator.

Greg - KB7MUP - 635-6354:
Sell Kenwood MC-85 desk mic \$90; Sell DCI-146-4H two meter bandpass filter \$80; Sell - RCA light duty TV type rotor with control box and rotor cable. \$30; Wanted: Technical information and circuit diagrams for projects using a 4017 decade counter.

Shy-Wy ARC Tech Committee - 635-6354: Wanted Equipment for use in the RACES Van; Dual band mobile, UHF and or VHF mobile, UHF, VHF and HF antennas mobile and portable, coax, coax switches, dummy loads, lightning arrestors, masts

etc..... Dumb terminal, TNC and VHF radio for packet. If you have something to contribute contact KB7MUP.

9. From The Editor

**Club Happenings
by Bob (AA7TB)**

The following is my rambling and only my rambling. So don't blame the President, V-president Secretary, or Treasure for what you are about to read. Just blame me. (AA7TB)

Past

With feet propped up on the end of the computer table and the keyboard on my lap, realizing that it is August already, I began thinking about the activities of Shy Wy Radio Club for 1996 and realized that we have been one busy group already and there is much more to do. So far we have had antenna building groups, Shy Wy Sunday morning net, repeater repair upgrade and repair, Skywarn training (Sponsored by WEMA and the National Weather Service), packet classes, hamfest, SKYWARN activations, ARES/RACES support for emergency communications for Frontier Days, work parties for the repeaters, Field Days to name a few.

Future

The crystal ball says that the future will see the remodeling of the new ambulance for an emergency communication van, antenna party at LCEMA, ice cream social, Yellow Pine, support Laramie with emergency communications in August, ARES/RACES training, WEMA

exercise, more SKYWARN.

Summation

Well, there it is. Shy Wy is an active Ham radio organization. It's members are a talented and proud group of men and women who have worked their hearts out in support of Amateur radio ideals and Shy Wy. (Don't let anyone tell you different). I am proud of the positive, enthusiastic accomplishments of the men and women of Shy Wy. Bob (AA7TB)

10. YL NEWS

Thanks to Susan Parkins (KC7DDP) the On The Beam has a new column entitled YL News. It is for the YLs only!!! (Go ahead OMs and read it, it's great)

Welcome New Members Shy Wy would like to welcome its new members. Your interests are important. If the Club does not have a group going that satisfies your interest, let it be known and a new interest group could be formed. There are others in the Club who probably share your interests.

Shy Wy Net

The Shy Wy Net operates every Sunday morning at 11:00 on 146.775. This net is run by GREG (KB7MUP) and is open to all hams. Discussion groups are held as well as a swap list. Greg would like to share the fun of being the control operator. He has put together a pamphlet with all of the information needed to be a control

operator. Please give Greg a breather and volunteer.

year.

73s

ON

THE

BEAM

Repeaters Are Open Repeaters

The 146.775-, 147.105+, and the 147.165+ repeaters are **open repeaters**. During Sky Warn and ARES/RACES activation the 146.775 repeater is the primary repeater and the 147.105 repeater is used as the secondary repeater.

Thanks Thanks to all who have contributed to this month's **ON THE BEAM**. Bob (AA7TB)

Club Dues

"Here's the dues information out of the Bylaws. Annual dues \$15 per year. A spouse or child of any member may join for an additional \$5. Individual youth membership is available to individuals 17 years of age or younger for \$7.50. Dues is due on the 1st day of April each