

## SHY-WY RADIO CLUB HISTORY 1953 - 1993

Compiled by Jim Garrison W7NE

### DISCLAIMER

If you are looking for a work of literary art, keep looking as this is not one and was never intended to be. The editor does not warrant that any of the minutes or other information is valid. The following information seems to be the facts, but I have no way of verifying it.

### RAMBLING WITH THE EDITOR

The club history is something that has needed to be done. Some of the minutes and other information have already been lost. I spent over a year locating what information I could before starting to type it in. This history as with other histories has its share of errors.

Finding the records and getting them sorted out has taken more time than I thought it would. I am still looking for any old club records or any newspaper articles or other records about the club. Once we get caught up to the present year, it should be easy to keep it going. It will be easy to keep up to date if the club secretary will provide a copy or the original meeting notes when they no longer need them. Shari Baird N7UFJ provided the minutes for the past 2 years mostly as ASCII files and saved me having to type them all in.

The biggest problem with doing a project such as this is that the majority of the people who knew what happened are no longer with us. They left written records of their activities but due to carelessness or other reasons, part of them have been lost or destroyed. There will be some printed copies of the history as well as a number of copies of the ASCII files given out to present club members, it will then be harder to lose the information we have collected.

This document is made up of club minutes, notes and other available information. Not all of the minutes and other information were 100 percent clear and to the point. Any dates that are minutes will just have the date. Other information will have the date and include "Program" or "Newsletter" etc. There are some notes that I added that will indicate who wrote them. These are usually personal additions by individuals and are not minutes.

The minutes have mostly just been typed in without any changes other than the addition of the whole name and call and a few spelling errors. The word processor's find and replace was used to insert full names and call signs. It is possible that some call sign changes do not change at the correct date.

The first rough draft was printed and given out to some of the "oldtimers" to review. This gave me some additional information to add to the history.

There are enough photos, newspaper clippings etc for a scrapbook. Copies of old club by-laws and long letters etc are also available. At the present I have NO plans to tackle that project. If you think you might like to give it a try, let me know and I can show you what you have to work with.

The club membership should decide what to do with the old club records. They should be boxed up, clearly marked and preserved if at all possible. Storage should be in dry place.

Almost nothing has been found in the minutes or anywhere else on the public service the local Amateurs provided during the 1979 tornado or of the 1985 flood. If you have anything on these events, I would like to have them or at least make copies of them.

The CHEYENNE AMATEUR RADIO LEAGUE was affiliated with the American Radio Relay League ( ARRL ) on 15 March 1932. The club must have been around for some time before 15 March 1932. The club name was later changed to the SHY-WY Radio Club sometime before July 11, 1941.

There is a photo of the 1916 radio operators license held by Sam Zuckerman W7FT. The Department of Commerce issued the license as there was no FCC at that time.

An autographed photo of Lee DeForrest that was given to Sam Zuckerman has been located. DeForrest was the inventor of some of the early radio equipment.

The original 1932 ARRL club affiliation certificate has been located and is now in the possession of Jim Garrison W7NE. The SHY-WY Radio Club received a 50 year affiliation certificate in 1982. I still hope to find the 50 year certificate. There are some small photos of the certificate and of the presentation.

Most of the world's technology has been developed since the Radio club was formed. When the club was first started, the communications age was just beginning. Most common day things such as the FM radio, television, VCR's, tape recorders, computers, cars, telephones, Copy Machines, FAX, Cellular telephones or even electric lights were not available to the average family. People in small towns or in the country still used wells and outhouses.

Almost all of the information before 1955 seem to be lost. The years between 1963 and 1980 are also missing but there are some pieces of information. Most of the club minutes for the other years were located but there are still some gaps.

Most of the club Secretaries did a good job of taking minutes, unfortunately this was not always the case. Even the "barebones" type minutes are still helpful as they may jog someone's memory.

Some years the club had one meeting a month and other years they had two. A lot of years there were special meeting for Field Day, Civil Defense or other purposes.

When this history write-up was started in 1992 the club was at least 60 years old. During this time it seems that the club has had some very good times as well as some bad times. Individuals come and go in any club and sometimes they work well together and sometimes they don't. The fact that the club is still around says a lot for the ability of most of the members to get along with other people.

The few serious disagreements in the membership have not caused as much of a problem as apathy. If we can keep enough interesting things going, the club will continue to attract members.

Putting the date and place of the meeting at the top of the minutes would be helpful to future historians. Writing the name of the month instead of using a number will help avoid confusion. eg: 1-12-82 is 1 December 1982 or is it January 12, 1982.

Stapling the attendance sheet to the back of the minutes has been a big help in determining who was at a meeting. One meeting someone named Bob said something, there were 3 people named Bob at that meeting. Some of the corrections have been made by people who were at the meeting. There are a number of loose attendance sheets that I have not been able to match up with minutes. Attachment #1 is a list of hams in the 1947 picture and is included at the end of the history. The only information for the years before 1953 is a copy of a group photo taken on 13 October 1947 by Joe Shaffer W7PMF during a visit by Arthur Budlong W1BUD of the ARRL. Two of the group still live in Cheyenne. They are Jack Hayes W7CGK and Bud Roberts W7HLA.

Attachment #2 is a list of names and callsigns were made up from the minutes, attendance sheets, Financial records etc. It contains about 600 names and was used to fill in as many names and calls as possible in the history. Some of the minutes said eg: "Lou made a motion" ... " WFC said"... I was able to fit names and calls to most of these. Most of the missing names and/or calls were found when the rough draft copies were reviewed by local hams. There are still a few missing names or calls.

Attachment #3 is a list of non-hams or non-Cheyenne hams that were mentioned somewhere in the club minutes.

## LUNCH ETC.

In recent years the club has had an informal get-together for lunch on Tuesdays. Most of the time it has been at the East Lincolnway Pizza Hut. It was also held for a while at the Owl Inn, The Bonanza and what is now Rodeway Inn.

For many years there was a coffee pot and donuts etc at the regular meetings. The present practice is for all who want coffee to go somewhere after the meeting.

**HERE ARE SOME OF THE KNOWN CLUB MEETING LOCATIONS:** They are not in the correct order.

Cheyenne Light, Fuel and Power Co.

Civil Defense Quanset hut at 25th and Maxwell Ave.

The Base Mars station in the Service Club building.

Old Cheyenne Airport building (Next to present branch Post Office)

Highway Department Building.

State EOC on Bishop Blvd.

Blue Cross/ Blue Shield building ( Now a Real Estate office ) across from the present Airport terminal building. 1972?

Old Naval Reserve building on Evans Ave.( Now Federal Express )

Homes of several Hams.

Oil Refinery- Small building on west side.

Laramie County Community College

CD Office in basement of Sheriff's dept ( Old city-county bldg.) 1980's

National Weather Service. Sometimes on the night of the weather spotter's class.

State EOC on Bishop Blvd.

Building on corner of 19th and Bent. ( Location of the new downtown fire station.)

LAST PLACE: Police Dept ( LCEMA - located in basement near 911 area )

PRESENT: Carey Junior High School.

Some of these locations were used for a short time. Others were used at different times over a period of years.

\*\*\*\*\* YEAR 1953 \*\*\*\*\*

No minutes are available for this year. There are a number of ARRL information sheets on Training Aids, Pointers on radio club organization and activities, Safety code and insurance coverage.

\*\*\*\*\* YEAR 1954 \*\*\*\*\*

No minutes available.

\*\*\*\*\* 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.

\*\*\*\*\* YEAR 1956 \*\*\*\*\*

\*\* 4 JANUARY 1956 \*\*

Gil Dugger W7MNV was nominated by Lizette Wolf W7HDS and seconded by Frank Wolf W7EUZ to take office as temporary Secretary until the next general election of club officers. The motion was passed unanimously.

\*\* 16 JANUARY 1956 \*\*

A letter from ARRL to all affiliated clubs reminding them about annual reports.

\*\* 1 FEBRUARY 1956 \*\*

An attendance list of 7 people shows there was a meeting but the minutes have not been located.

\*\* 14 MARCH 1956 \*\*

An attendance list of 9 people shows there was a meeting but the minutes have not been located.

\*\* 1 APRIL 1956 \*\*

(This is an extract from the financial report)

Took in a total of 25 memberships at \$3.00 each, \$75.00 total.

Cost of filing incorporation papers \$10.00

Cost of incorporation fees \$18.78

Cost of final filing fee for incorporation \$1.00

Donuts for club refreshments cost about \$1.48 to \$1.68 depending on what was kinds were selected. Average money collected for coffee and donuts was about \$2.00 This was a "break even point" if you include the coffee.

\*\* 9 APRIL 1956 \*\*

A letter from the State Radio Officer approved the use of a building. It listed the equipment that was being supplied by Civil Defense. This included a Transmitter, Receiver, Antenna tuner, microphone and a TVI filter.

\*\* 11 APRIL 1956 \*\*

Herb Luckritz W7GCB made motion that Shy-Wy Radio Club accept the plan outlined in the letter from John Roberts, State Radio Officer, dated April 9, 1956 for the Civil Defense plan. Contingent upon procuring insurance on mentioned (?) and liability on person or persons. George Howard W0QOB/7 seconded motion.

Ed Zent W7KUB and Len Slater W7MWS - Committee to make equipment specs.

Motion by Lou Springer W7YWW to have President, Vice President and Sec-Treas. Nomination for President - Gil Dugger W7MNW - Nomination for Vice President and Activities Mgr. Ed Zent W7KUB - Nomination for Sec-Treas. Harvey Robertson W7HRM.

17 people signed in on top part of the minutes.

\*\* 19 APRIL 1956 \*\*

In a letter to the FCC regarding the club license it was stated that the transmitter was a Johnson Viking II, the Receiver was a National NC-300 and the antenna tuner was a Harvey Wells Z Match.

\*\* 9 MAY 1956 \*\*

Introduction by all present.

Reading of Bulletins by President.



Discussion on new Civil Defense equipment and building.

President appointed Len Slater W7MWS and George Howard W0QOB/7 for a committee on By-laws related to information on club license.

18 people signed in on the top of the minutes.

\*\* 5 JUNE 1956 \*\*

A copy of a letter to ARRL about samples forms etc to send to FCC on a club license.

\*\* 6 JUNE 1956 \*\*

An attendance list shows that 9 people attended this meeting. No minutes for this meeting have been located.

\*\* 11 JULY 1956 \*\*

Opened meeting at home station of Ed Zent W7KUB.

Discussion of dues for the club. Motion made for dues of \$3.00 per year. Passed with no opposition.

Amended Constitution and By-laws be written up and presented to members at the August meeting. Passed with no opposition.

\*\* 6 SEPTEMBER 1956 \*\*

Meeting called to order at 8 PM by President Gil Dugger W7MNV in the new club house.

Introduction of all present. 19 present including 3 visitors.

Reading of Bulletins by Gil Dugger W7MNV.

Reading of new Constitution and amendments. Discussion followed paragraph by paragraph.

Motion by Lou Springer W7YWW to pay \$3.00 dues from now until April 1, 1957. Second by George Howard W7UUW. Carried.

Motion made by George Howard W7UUW to strike out the month of August in all scheduled meetings. Second by Dick Martin W7BLW . Carried.

Discussion on membership cards for all members. Don Jensen W7HCA will get information.

Motion made to adopt and accept the amended constitution and By-laws per letter attached by George Howard W7UUW. Second by Don Jensen W7HCA. Carried.

Hal DeBacco W7YJG to contact Attorney George Guy w/reference to incorporate the club.

9 Members paid dues from this date until April 1, 1957.

20 people were present at the meeting.

\*\* 3 OCTOBER 1956 \*\*

Reading of bulletins by Gil Dugger W7MNW.

Report on committee on operating rules by Hal DeBacco W7YJG and George Howard W7UUW. Motion made by Dick Martin W7BLW that the committee on operating rules be also appointed to check out all of the personnel on operating the Viking. Seconded by Don Hefkin W7VMT. Discussion of operating rules. Carried.

Motion made for Secretary to buy ledger by George Howard W7UUW. Carried.

Motion made by George Howard W7UUW that operating rules be approved as read. Seconded by Len Slater W7MWS. Carried.

Motion to receive Treasurers report. Second by Hal DeBacco W7YJG.

Motion made that Treasurer to automatically pay for refreshments. Made by George Howard W7UUW. Second by Len Slater W7MWS.

Report by Don Jensen W7HCA for membership cards. 100 cards @ \$2.00, 200 cards @ \$3.00 by Mr Taylor.

Motion by George Howard W7UUW to telephone FCC on the legality of the Civil Defense station operation. Second by Don Jensen W7HCA. Carried.

Motion to have a special meeting 10-10-56 Carried.

\*\* 10 OCTOBER 1956 \*\*

Special meeting was held to discuss the Civil Defense test, the frequencies to be used and to assign operators to shifts.

\*\* 6 NOVEMBER 1956 \*\*

Several Cheyenne hams ( Don Jensen W7HCA, Low Springer W7YWW and George Howard W7UUW ) took part in an AREC/RACES operation caused by the November 2, 3 & 4 snow storm. States involved were North Dakota, South Dakota, Nebraska, Iowa, Wyoming, Colorado and Montana.

A total of 103 Ham stations were involved in the net.

\*\* 7 NOVEMBER 1956 \*\*

Reading of bulletins by Gil Dugger W7MNV.

Talk by Don Jensen W7HCA on clubcards. Motion made by Ed Zent W7KUB to give Don Jensen W7HCA \$3.00 to have membership cards made. Carried. Paid the \$3.00

Discussion on Incorporation papers as received from the Attorney General's office. Articles read and approved by majority.

Motion by George Howard W7UUW to change name of Shy-Wy radio Club to Shy-Wy Radio Club Inc. after the incorporation papers approved. This to be voted on in December meeting.

Motion made to have Lou Springer W7YWW to buy materials for new bulletin board. Carried.

\*\* 15 NOVEMBER 1956 \*\*

The SHY WY Radio Club Inc was incorporated. A letter from Arthur Fisher, Assistant Attorney General for Wyoming sent 2 certified copies of the articles of incorporation and a cover letter. The fee for the 2 copies was \$3.80 and was to be sent to the Secretary of State.

\*\* 5 DECEMBER 1956 \*\*

Talk by President Gil Dugger W7MNV on the new Articles of incorporation.

Bill was presented by State of Wyoming for publication of Articles of Incorporation in the amount of \$18.78 . Motion made by George Howard W7U UW to pay this amount. seconded. Voted unanimous.

Bulletins and letters read by president Gil Dugger W7M NW.

Discussion of Jim Masterson W7P SO for SCM for Wyoming. Motion by George Howard W7U UW that Cheyenne Club back Jim Masterson for SCM for the State of Wyoming. Seconded by Don Jensen W7H CA. Voted unanimous.

License plate discussion. Letter to be written to Jim Masterson W7P SO on license plate discussion. Harvey Robertson W7H RM talked to Jim Masterson W7P SO on 75 meters on the license plate deal so all interested amateurs would get the information.

George Howard W7U UW telling about his departing for Spain and Gerrald Beard W7E GS is departing for Japan.

\*\* 12 DECEMBER 1956 \*\*

A letter from Arthur Fisher, Assistant Attorney General for Wyoming indictes he had combined and rearranged portions of the club constitution and by-laws. He furnished the original and 4 copies to the club. Mr Fisher appears to have done a good part of the work of getting the club incorporated. The total cost of incorporation including the fee listed in Nov was \$29.78.

\*\*\*\*\* YEAR 1957 \*\*\*\*\*

\*\* 2 JANUARY 1957 \*\*

Reading of bulletins by President Gil Dugger W7M WS.

Secretary advised that the club still owed state \$1.00 to complete the Articles of Incorporation. Motion made by Len Slater W7M WS, we pay the \$1.00 seconded. Voted unanimous.

Gene Stewart W0W BC of Denver was introduced and talk on the RACES program was made by Mr Stewart. A Lengthy discussion followed the talk.

\*\* 6 FEBRUARY 1957 \*\*

Jim Masterson W7P SO SCM visiting from Casper.

Reading of bulletins by President Gil Dugger W7MNW.

Motion made to send to the ARRL for the net directory for the Shy-Wy Radio Club per official bulletin 584.

Talk made by Jim Masterson W7PSO SCM from Casper. Will try to organize state and local RACES net. Need check in Wyo net Monday, Wednesday, Friday, 3610 at 1830 MST. Consideration being given to changing PENET ( Pony Express Net ) frequency and time. Jim Masterson W7PSO will send poll and advise.

SCM Jim Masterson W7PSO needs news for QST.

Discussion on having meetings twice a month.

\*\* 6 MARCH 1957 \*\*

Reading of bulletins etc.

WYO-CW net needs check-ins from Wyoming.

Station license returned due to lack of trustee on form.

Motion to telephone FCC's Mr. Cline concerning trustee by Hal DeBacco W7YJG, motion seconded by Len Slater W7MWS, Carried.

Motion to make John Roberts State Radio Officer and Civil Defense Director Rogers and the Wyoming Governor as honorary members of the Shy-Wy radio club. Seconded by Ed Hallen W7OBC, Carried.

Motion was made by Hal DeBacco W7YJG that Mr John Hayes W7CGK be elected trustee for the Shy-Wy radio club. The term of office to be for the duration of the club radio license or until such time as another trustee is elected. The motion was seconded by Len Slater W7MWS. Carried.

Discussion as to organizing a local RACES net. Don Jensen W7HCA appointed EC for Cheyenne.

\*\* 21 MARCH 1957 \*\*

The President Gil Dugger W7MNW made an announcement that we would now have 2 meetings per month in accordance with the voting of the previous meeting. The regular meeting on the first Wednesday of every month and the third Thursday of every month.

Marion Neary, W7KFV gave a short talk about his departure for San Jose, California and his enjoyment in knowing so many boys in this area. A 3KW engine generator plant also

some surplus gear was donated by Marion Neary W7KFV to the Shy-Wy radio club. A round of applause was given Marion Neary W7KFV.

Discussion on the local RACES net to be held temporarily on 3830KCS at 1900MST with Don Jensen W7HCA net control.

Further discussion on the RACES net program as a whole.

\*\* 23 MARCH 1957 \*\*

A certified true copy of the club minutes regarding the election of a club station trustee was sent to the FCC.(Signed by Gil Dugger W7MNW and Harvey Robertson W7HRM)

\*\* 3 APRIL 1957 \*\*

The meeting was called to order at 2000 MST by the President, Gil Dugger W7MNW.

ARRL bulletins were read by Gil Dugger W7MNW.

Motion made to open nominations for club officers for the year ending April 1, 1958 by Hal Debacco W7YJG. The motion was seconded by Don Jensen W7HCA and was carried by the members present.

There was some question as to the constitutionality of election of officers by the members present, but since there were ten voting members present it was ruled that a quorum was in attendance and the nominations proceeded.

The following were elected. President Gil Dugger W7MNW, Vice President Len Slater W7MWS, Secretary-Treasurer Richard "Dick" Martin W7BLW.

Unfinished Business:

Club license was discussed. Dick Martin W7BLW to contact Jack Hayes W7CGK, the Trustee to arrange for making application for station license.

Bulletin board for club house was discussed. Ed Hallen W7OBC to purchase the board and submit bill to club for payment.

Local RACES net was discussed. It was decided to hold local net practice sessions on Monday nights at 1900 MST on 3990 KC. This is a phone net with Don Jensen W7HCA as net control.

Use of emergency 115V ac generator was discussed. State Civil Defense has promised a generator for our use. The generator which was donated to the club by "Trapper" is to be used for Field Day activities and for other such purposes as decided by the club.

New officers installed.

There being no further business to transact, the meeting was adjourned at 2200 MST by the President.

Dick Martin W7BLW Secretary-Treasurer

\*\* 1 MAY 1957 \*\*

17 persons present including 2 visitors: Al Pope of National Electronics Supply - Cheyenne, Joe Prochaska W7BHH of Casper Radio Club.

Ed Halen W7OBC gave short talk on Civil Defense as related to CAP. General discussion about 2 meter operation for a local CD net. Harvey Robertson W7HRM brought a communicator and gave a demonstration.

Frequencies available for Civil Defense work were discussed in general.

The Wyoming Pony Express net will move from 80 meters to 40 meters on June 1, 1957.

Don Jensen W7HCA ( net control - local net ) suggested the net operate on 40 meters instead of 75 meters. It was discussed and all concurred that the local CD net meet on 7220KC at 2000 hrs every monday.

Gil Dugger W7MNV reported that the club antenna had been cut down by vandals. All members volunteered to act as a work party on Saturday may 4 1957 to repair the antenna and to hookup the Z match in the station.

Lynn Frank K6JUV volunteered to furnish sufficient copperweld wire for the antenna and three insulators. Al Pope of National Electronic Supply volunteered to furnish 50 feet of supporting cable. Paul Wakefield W7BTI volunteered to climb the poles and erect the antennas.

ARRL bulletins were read by Gil Dugger W7MNV.

Motion was made by Lou Springer W7YWW that an entertainment fund be started. Motion was not seconded.

Motion was made by Lou Springer W7YWW that an entertainment committee be appointed. Motion seconded by Hal DeBacco W7YJG. Vote was carried unanously. Paul Wakefield W7BTI was appointed by president Gil Dugger W7MNV, to be

chairman of entertainment committee. Other members of entertainment committee to be chosen by Paul Wakefield W7BTI.

\*\* 25 JUNE 1957 \*\*

The annual Corporation report was made to the state of Wyoming.

\*\* 4 SEPTEMBER 1957 \*\*

Discussion as to what should be done about club station antenna. It was decided to purchase a new Hy-Gain trap (Horizontal) antenna. A motion to this effect was made, seconded and carried. Harvey Robertson W7HRM was authorized to purchase the necessary antenna equipment consisting of: 1 set of Hy-Gain 7 MC traps, 110' #14 ga copperweld wire, 1 center insulator.

Antenna to be installed on Saturday September 21, 1957 by the following club members: Harvey Robertson W7HRM, Len Slater W7MSW, Don Jensen W7HCA, and Dick Martin W7BLW. It was decided that Harvey Robertson W7HRM check the Z-Match at his home station.

Dick Martin was authorized to purchase a microphone plug and material to make the xtal calibrator for receiver operation.

\*\* 2 October 1957 \*\*

Discussion of TVI.

Discussion of RACES regional net operations being poorly handled. 3920 KC Pony Express net meets at 8:30 Sunday morning. W7AMV (Casper) and Len Slater W7MWS alternate as Net Control.

\*\* 7 OCTOBER 1957 \*\*

The ARRL annual report said that the club had 7 RACES members, 1 gas engine generator, 1 mobile unit and 3 SSB stations. All others are CW or AM stations.

\*\* 21 NOVEMBER 1957 \*\*

ARRL correspondence read by Secretary.



Letter from FCC dated oct 25,1957 was read by president regarding operation of different stations in RACES operation whereby several stations may operate in a net using the same call letters followed by a numerical designator.

Letter from Vincent T Kenney of US Civil Defense Amateur Radio Alliance thanking Gil Dugger W7MNV for his letter outlining a need for additional RACES frequencies.

It was pointed out that a new list of Cheyenne Amateurs should be compiled by the secretary.

Dick Martin W7BLW volunteered to pick up a Conel-Rad receiver from highway department. This receiver was promised to us some time ago. There was a discussion concerning the use of 2 meters for local net.

It was suggested that information be obtained by any or all members which would help in setting up a project to build as a club activity,

2 meter transceivers for portable use. Lou Springer W7YWW volunteered to obtain information on some surplus gear which might be used on 2 meters.

It was decided to attempt to get 10 ARRL memberships, either new or renewals, so that we could take advantage of the affiliated ARRL club deal of obtaining memberships at \$3.50 thereby helping the club treasury by 50 cents per ARRL membership application. 1 new and 4 renewal membership were signed up at the meeting.

\*\* 3 December 1957 \*\*

The club secretary sent in \$17.50 for 5 ARRL memberships ( and QST subscriptions).

\*\* 4 DECEMBER 1957 \*\*

Hal DeBacco W7YJG suggested that a card be sent by the club to Lou Springer W7YWW who is in the hospital. A card signed by several members of the club was sent to Lou Springer.

Minutes of previous meeting were read and approved. Treasury report was read and approved. Received \$4.00 from Harvey Robertson W7HRM for renewal membership in ARRL.

The matter of state legislation to provide amateurs of Wyoming with "Call Letter" license plates was discussed. It was generally concluded that before such legislation might conceivably be passed, We as amateurs must show by active participation in RACES and ARES that we can provide effective communications in time of emergency or disaster.

The use of 2 meters for local CD net was again discussed. Hal DeBacco W7YJG will Provide a schematic for a 2 meter transceiver and Dick Martin W7BLW will have copies made for distribution to club members. If several portable and fixed 2 meter stations could be put into operation, a demonstration for Civil Defence and state officials might be arranged to prove the effectiveness.

Gil Dugger W7MNV will at a future meeting outline the workings of CD nets. It was decided to reactivate the local CD net drills. This is a phone net and will be held on Friday night at 2000 hrs (8:00 PM) MST on 7270 KC. Don Jensen W7HCA is net control and Hal DeBacco W7YJG is alternate NCS. It was suggested that during the drills, information of station activities be passed on to Gil Dugger W7MNV.

Gil Dugger W7MNV has a Friday night schedule with Jim Masterson W7PSO SCM and he will relay the station activities to him for publication in QST.

The club officers were: President Gil Dugger W7MWS, V President Leonard Slater W7MNV and Secretary-treasurer Richard Martin W7BLW.

\*\*\*\*\* YEAR 1958 \*\*\*\*\*

\*\* 19 FEBRUARY 1958 \*\*

Interference was getting to be a problem at this time. The problem was being caused mostly of the two-way radio equipment and some ham equipment. Hams usually had TVI filters on their equipment.

( Note: TV sets at this time had a 21 MHz IF frequency. 15 meters signals would get into nearby TV sets and wipe out reception on all channels. 6 meter operation usually wiped out channel 2. Jim W7NE )

\*\* 3 MARCH 1958 \*\*

ARRL annual report sent in.

\*\* 5 MARCH 1958 \*\*

Attendance 15

Bulletins read

Old business

Operation Alert 1958 dates announced and bulletin regarding RACES participation read. Election of Officers. President Hal DeBacco W7YJG, Vice President Bob McMullen KN7BZC, Secy/Treas Lou Springer W7YWW.

40 each 8,058.75 2 Meter XTALS for operation on 145.0575 MC donated by John Morgan K7BDI for use on 2 meter CD Net.

Naval Reserve Cmdr B.L.Hall invites any and all to visit station.

\*\* 20 MARCH 1958 \*\*

President Hal DeBacco W7YJG read bulletins and discussed combined QSL card deal thru Chamber of Commerce and Pioneer Printing.

AREC was discussed and members urged to file applications.

\*\* 2 APRIL 1958 \*\*

Gil Dugger W7MNV proposed publicity chairman and committee - Bill McCracken W7QPV, Harvey Robertson W7HRM and Lou Springer W7YWW. Carried.

Sec Lou Springer W7YWW proposed ARRL official bulletin station,

Dick Swailes W0VMU volunteered to be the bulletin station.

Naval Reserve offers cooperation on CD and requests our affiliation.

Picture by Francis Brammer of Cheyenne Newspapers.

Dugger W7MNV, proposed Theory Classes.

Rising vote of thanks to all past officers of club. Proposed by Hal DeBacco W7YJG, Taken.

Field Day chairman Paul Wakefield W7BTI by appointment.

Motion made and seconded. Club Secretary to purchase Roberts Rules book for use at meetings. The book to be club property.

\*\* 8 APRIL 1958 \*\*

A letter was received from the Cheyenne postmaster indicating he had given instructions to put QSL's with an incomplete address in the club PO box.

\*\* 14 APRIL 1958 \*\*

A letter was received from the Naval Reserve about participation in the event of a local disaster.

\*\* 15 MAY 1958 \*\*

Calling discussed - about dropping. Motion by Ed Zent to mail cards for 2 meetings to see how it comes out. Carried. Funds out of treasury.

Special meeting on field day.

Gil Dugger W7MWS report on CD activities very good and to the point.

Letter of thanks to Al Pope ( 100 ft 300 ohm ribbon, insulators etc)

Letter to (Maj) John Kitzrow W7GQH thanks for wire etc. Motion by Lou Springer W7YWW, second by Gil Dugger W7MWS , Carried.

Sec of State , Non-profit Org, assets, Officers etc.

Harvey Robertson W7HRM motion to have letter heads made for club business, Sec by Len Slater W7MWS, Carried.

Rocky Mtn Convention ?

\$3.00 dues received from Dr Sam Zukerman W7GGG.

Notify Col Rogers of Civil Defense of June 4 meeting.

Letter from Post Office on QSL cards order to give hams co-op on these.

Letter from Naval Reserve no obligation when participating.

Len Slater W7MWS after June 1.

SCM to Casper. Motion made and second by Harvey Robertson W7HRM and Ed Zent W7KUB, SCM to be in Casper. Give our full support to W7CQL.

\*\* 16 MAY 1958 \*\*

The state of Wyoming annual Corporation report was sent in.

\*\* 29 MAY 1958 \*\*

Bill for 2 each 6146 and 1 each 5R4GY tube allowed by membership unanimously.

ARRL bulletins read by president.

4000 QSL cards etc. Wallace Cramond K7AUI will contact Chamber of Commerce.

Received 4 memberships for year ending April 1, 1959.

Report on Don Jensen W7HCA's condition. Lou Springer W7YWW made a motion to send Don Jensen W7HCA \$15.00 at Vet's Hospital. It was not seconded. It was decided to send a card signed by members present.

RACES for state discussed by Gil Dugger W7MWS with map on blackboard.

\*\* 4 JUNE 1958 \*\*

National Electronics donated prizes for hamfest.

Col. Rogers from CD said that some surplus equipment was available.

(Maj) John Kitzrow W7GQH stationed at the base donated a power supply to club.

\*\* 7 AUGUST 1958 \*\*

The Casper club sent out a letter saying that they intended to try for ham license plates. A summary of events that ham radio had assisted in around the area was requested.

\*\* 18 SEPTEMBER 1958 \*\*

The Pony Express net control station reading bulletins.

The plan for the Jackalope net was presented.

CD net check-ins was discussed.

\*\* 16 OCTOBER 1958 \*\*

Lou Springer W7YWW and Jim Garrison K7EWK to start theory class Oct 24th. Code class has already started.

\*\* 24 OCTOBER 1958 \*\*

A letter was sent by Hal DeBacco W7YJG to Civil Defense for 5 sets of 2 meter equipment with crystals and other required parts. Cost of the equipment was \$1,800.00

\*\* ?? DECEMBER 1958 \*\*

An information letter was sent out to Wyoming hams that included such items as a list of the members of the legislature, a copy of the proposed bill, a list of questions you may be asked and the answers to them and a list of known emergencies that Wyoming amateurs has participated in. (This type of information was supplied to avoid the mistakes that were made in 1955 -- Jim W7NE)

\*\* 24 DECEMBER 1958 \*\*

An Information letter was sent out by Kesner Long W7BXS (CASPER) to all members of the state legislature.

\*\* Date unk 1958 \*\*

QSL cards thru the club was discussed.

Members decided to sponsor a yearly picnic.

\*\* Date unk 1958 \*\*

A test was made using 2 meter portable and mobile equipment to determine the extent of our communications coverage.

Club officers were: President A.J. "Hal" DeBacco W7YJG, Vice President ? and Secretary-Treasurer Lou Springer W7YWW.

\*\*\*\*\* YEAR 1959 \*\*\*\*\* " The Year they passed the Ham Plate bill."

\*\* 20 JANUARY 1959 \*\*

A letter to the ARRL indicates that there are 21 club members and 15 of them are ARRL members.

\*\* 24 JANUARY 1959 \*\*

A letter was sent to Wyoming amateurs about the call sign license plates. It said that the bill had passed both houses of the legislature and had also been signed into law by Gov Hickey.

The Casper Radio Club was the one who started this try at ham plates and they were coordinators of a state wide committee effort.

Special credit was given to the Cheyenne committee members for their personal effort. The Cheyenne amateurs are Bill McCracken W7QPV, Wally Cramond K7AUI and Hal DeBacco W7YJG. There were 8 other members of the committee spread out over the state. The call sign plates will be available for 1960. The committee had a total of \$139.00 to work with and spent \$135.45 of it for printing, postage, lawyer fee etc.

Thanks were given to a number of members of the legislature for their considerable help in getting the bill passed.

(NOTE: Some of the same members of the legislature that killed the 1955 bill were supporters for this bill. Sen Norris was a co-sponsor this time around. Rep D.N. Sherrod of Platte county gave a presentation on the house floor. Jim W7NE)

\*\* 5 FEBRUARY 1959 \*\*

Lou Springer W7YWW made a motion that the club get a padlock and storage cabinet. Seconded by Bennie James W7SQT. Motion Passed.

A committee for equipment maintenance was appointed. They were Jim Krebs W7TPS, Harvey Robertson W7HRM and Bennie James W7SQT.

Harold Kirlin K7HKD and Jim Krebs W7TPS to work with TVI committee (Bud Roberts W7HLA and Ed Zent W7KUB.)

Club to see about getting tables and door lock from Col Rogers of Civil Defense.

Comments on the passing of the license plate bill were made by Wally Cramond K7AUI. The club secretary to check on ham license of new members.

\*\* 9 FEBRUARY 1959 \*\*

The club sent in ARRL renewals for Harold Kirlin K7HKD and Lou Springer W7YWW. It was only \$5.00 each.

Books were ordered for Lou Springer W7YWW, Jim Garrison K7EWK, Bennie James W7SQT, Richard Martin W7BLW, Albert Makus K7DLB, Harold Kirlin K7HKD and George Algeo K7HAW.

\*\* 19 FEBRUARY 1959 \*\*

Milkin McGrock of Civil Defense and Dick Eversall of the Highway Dept were guests for the meeting which turned into a Civil Defense and RACES discussion and took up the whole meeting.

\*\* 5 MARCH 1959 \*\*

Discussion of Transmitter and other points as regards the Quanset hut. Mr McGrock ran Civil Defense film.

Harold Kirlin has ordered crystals for 10 meter local CD net.

Election of new club officers was done. Club officers were: President Harold Kirlin K7HKD, Vice President Howard "DOC" Roberts W7GOJ, Secretary-Treasurer ? . (Sec is Paul Wakefield W7BTI or George Algeo K7HAW ?).

A motion made by Lou Springer W7YWW to lock dead records in cabinet. Seconded by Ed Zent W7KUB.

Army MARS looking for members.

Col Rogers of CD wants Information on antennas etc.

\*\* 19 MARCH 1959 \*\*

Meeting opened by Pres. Hal DeBacco W7YJG

A film provided by Howard "Doc" Roberts W7GOJ were shown.

Reading of minutes approved by correction.

\*\* 2 APRIL 1959 \*\*

Meeting opened by President Hal DeBacco W7YJG.



Marion Himt director of Coast Guard Aux would like some amateurs to join as Radio Operators.

Lou Springer W7YWW was appointed chairman of field day committee. Operation to be on 160 thru 2 meters. Decided to use the school house north of town.

Need alternative to coffee cups.

Jim Garrison K7EWK volunteered for CD exercise.

Dick Martin has information on regional net.

Harold Kirlin to contact Col Rogers and MR Eversol on antennas for Army reserve.

Signed by Lou Springer W7YWW as Secretary.

\*\* 16 APRIL 1959 \*\*

Lou Springer W7YWW reported spendings and debits.

Wally Cramond K7AUI asked about copies of BY-LAWS for club members.

Follow up on TVI by TVI committee.

Suggested a letter to Sesler inquiring what had been done.

There were 5 volunteers to help on field day.

Discussion of club activities.

Motion to get new coffee pot. Cost not to exceed \$18.00 Ed Zent W7KUB and Haskell Cohen K7DSK to check.

Signed by Al Makus K7DLB Secretary-Treasurer.

\*\* 21 MAY 1959 \*\*

Meeting called to order by President Harold Kirlin K7HKD.

Lou Springer W7YWW gave report on field day. Location to be the school house north of town. Field day operators to bring own food and water.

Discussion of coffee pot was made and Ed Zent W7KUB to buy one for \$20.00 to \$30.00 was approved.

Howard "Doc" Roberts W7GOJ to bring films at own discretion.

Discussion of leaving lights and heater on and door unlocked at club station. A motion was made and passed, to turn in all keys. Members that were present turned in their keys.

Pres Harold Kirlin K7HKD asked for EC and Radio Officer. A suggestion was made that Wally Cramond K7AUI fill position.

\*\* 4 JUNE 1959 \*\*

Howard "Doc" Roberts W7GOJ told club there was a place at base that could be use for club meetings if they wish it.

Motion was made by Wally Cramond K7AUI That Commander Hall of the Naval Reserve Center be made an honorary member of the club. Secretary to write letter to Commander Hall.

A survey of members was made about 2 and 6 meter activity.

Harold Kirlin K7HKD was made chairman of the VHF project.

Bob McMullen KN7BZC asked about safety information and was given the job of getting it.

The rest of the meeting was used to prepare for field day.

\*\* 13 JUNE 1959 \*\*

The annual corporation papers were sent in.

\*\* 15 JUNE 1959 \*\*

A letter was sent to Lt Commander Boyd Hall of the NRTC thanking him for his help during his tour at Cheyenne. He was given an honorary club membership.

\*\* 18 JUNE 1959 \*\*

There were 13 members and 2 guest present.

A discussion on VHF by members. The club to have VHF project and VHF activity to cover city and possibly the county.

Field day was discussed. Sec to pickup Gary Duffy (now AG0N ) transmitter Wed or Thurs before Field day.

Motion to adjourn by Hal DeBacco W7YJG and seconded by Jim Garrison K7EWK.

\*\* 2 JULY 1959 \*\*

Hal DeBacco W7YJG made a motion to write letter of thanks for use of school house for field day.(carried).

After a discussion of VHF CD it was decided to leave it up to VHF committee.

Motion to adjourn by Dick Martin W7BLW and second by Jim Krebs W7TPS.

\*\* 16 JULY 1959 \*\*

VHF 50.580 MHz xtals and Hal DeBacco W7YJG, Lou Springer W7YWW and Haskell Cohen K7DSK working on 6 meter rigs.

There were several inquiries about who to see about ham plates applications.

Discussion on how to develop interest and increase paid membership.

Howard "Doc" Roberts W7GOJ to contact Col Hayes about use of MARS station by club.

George Rutherford K6UPT and J P King K5UIL to join club.

Small discussion on transmitter hunt.

Motion to adjourn by Gary Duffy (now AG0N ) and second by Jim Garrison K7EWK

Secretary not present so notes taken by Howard "Doc" Roberts W7GOJ.

\*\* 6 AUGUST 1959 \*\*

Wally Cramond K7AUI read letter on propagation and A3 transmission tests to be made by amateurs and the Ramo-Woolridge Co of Los Angeles. After a discussion it was decided to write for more information and forms.

Ham license plate applications and a letter of that explains it were given to everyone present.

MARS membership forms were filled out.

A discussion of Radio Free Europe by local chairman.

A discussion was held on moving club meetings to base MARS station and a resume of facilities and equipment was given by Howard "Doc" Roberts W7GOJ. The club voted to hold next meeting at base.

3 new members joined club. The club has 21 members.

\*\* 20 AUGUST 1959 \*\*

Rich Stanfield W7FSR commented about the Jackalope net on 7255 KC.

Mike Oliver K4QZJ (Base MARS) stated the MARS net would start soon on 2799.4 KC and that crystals were available to MARS members. The MARS net will meet at 8 pm on Tuesday nights. Mike will be the net control. Wally Cramond K7AUI gave an explanation of MARS operation.

Discussion on club membership drive.

Secretary to get films from ARRL and Haskell Cohen K7DSK volunteered to show films.

George Rutherford K6UPT brought up holding a swap meet or auction to help increase interest.

Harvey Robertson W7HRM offered to spot frequencies for VHF.

Discussion of code and theory classes was held. Governor's son invited to classes.

\*\* 3 SEPTEMBER 1959 \*\*

Members voted to one film a month from ARRL or other sources.

TVI committee report by Lou Springer W7YWW of 2 cases of TVI at present, the conditions are satisfactory.

George Rutherford K6UPT offered some no 12 and 16 gauge wire.

Members voted to hold swap meet at MARS station.

Lou Springer W7YWW reported that the vertical antennas donated by Jim Mossman W7RIG were in the possession of George Algeo K7HAW, Gerold Rankin K7BTE and himself.

A film on Transistors and the Dew Line Radar was shown by Haskell Cohen K7DSK.

\*\* 12 SEPTEMBER 1959 \*\*

Special meeting. Wayne Moore (CASPER) was guest speaker. Talk was on ARES and RACES.

Harold Kirlin K7HKD was named EC for Laramie County with Bill McCracken W7QPV and Lou Springer W7YWW to assist him.

\*\* 17 SEPTEMBER 1959 \*\*

Question on the activity on 6 meter net, so far not many members on 6 meters.

Not much interest in classes.

Bill McCracken W7QPV reported getting calls about TVI. Secretary to furnish him with a list of club members.

Harold Kirlin K7HKD ( EC for Laramie county ) headed discussion on what bands to use for emergencies and practice drills.

Swap meet to be held sunday 27 Sept at 2 pm.

Bob McMullen KN7BZC gave safety report.

A film on crystals and one on laying of the transoceanic telephone line.

\*\* 1 OCTOBER 1959 \*\*

Discussed operating in the test on 11 Oct on 29.626 MHz. Meet at MARS station at 1400 hours ( 2 PM ). Publicity: Notice in paper about an invitation for hams to join club.

Discussion of Novice classes. Put publicity in paper and use High school.

Charge \$3.00 per student which would give them 1 year membership in club. 2 hours per night, 1 night per week for 11 weeks. Gary Duffy (now AGON ) to provide course outline. Haskell Cohen K7DSK to contact school about classroom.

\*\* 15 OCTOBER 1959 \*\*

Secretary asked for suggestions for refreshments for club meetings. It was decided to have rolls etc as long as they weren't powdered sugar.

A heated discussion on the VHF tests that were to be held on Oct 14.

Report on code and theory class plans by Haskell Cohen K7DSK and a plan #2 was voted as most feasible. Gary Duffy (now AG0N ) gave a report on the course outline and it was agreed that it was a good one. The classes were left up to the committee to start about 25 Jan 60. Gary Duffy (now AG0N ) to start club paper but will turn it over to someone else in a couple of months. Reimbursement for paper was approved.

The use of 27.995 MHz has been cancelled as it is already in use.

2 film were shown by Howard "Doc" Roberts W7GOJ.

\*\* 5 NOVEMBER 1959 \*\*

Question on club paper. Paper to be out on 15th.

Gary Duffy (now AG0N ) has brochures on classes. George Rutherford K6UPT and Luke McIntyre K7KLN to instruct.

Harold Kirlin K7HKD to run checks on code practice.

Club paper editor suggested anyone with gear to sell or swap contact him so he can put it in the paper.

Wally Cramond K7AUI suggests reviving the local ragchew net on Tuesday nite at 8 on approx 28.8 MHz.

Nominations for V President are George Rutherford K6UPT and Wally Cramond K7AUI. Wally was elected.

Harold Kirlin K7HKD gave a report on the CAP. He was approached by Mrs Coates as they were moving the wing to Cheyenne. They would like to work together with RACES. Voted to investigate the matter.

10 meter mobile test is to be repeated on the 8th on 29.626 with Bill McCracken W7QPV as net control.

Subject of club membership project was discussed.

Dick Martin W7BLW and Lou Springer W7YWW explained the club station to new members.

Several suggestions were made.

1. That club dues be \$1.00 per month. 2. Get our own club house. 3. Club station equipment. 4. Membership. 5. Frontier days hamfest. 6. Suggested ARRL membership be included in dues.

This discussion got hotter and hotter. Motion to study proposals fail to pass. Another motion to raise dues was made and failed to pass.

\*\* 3 DECEMBER 1959 \*\*

Harold Kirlin K7HKD gave a favorable report on the 10 meter test. He also reported on the code practice thru the power lines at 540KC. It seems to be shaping up.

No report on the newspaper.

A motion to hold the meetings at the Power and Light Co passed.

Motion passed to hold the next meeting on 1st Thursday of January passed.

Suggestion for publicity by Hal DeBacco W7YJG. Governor to pose with ham plates.

\*\*\*\*\* YEAR 1960 \*\*\*\*\*

\*\* 7 JANUARY 1960 \*\*

A newcomer to area Ira Haws W8KNC was introduced.

Questions on club station was brought up with Dick Martin W7BLW and Jim Krebs W7TPS to check it out.

No report on newspaper.

Haskell Cohen K7DSK inquired about how classes were going. Luke McIntyre K7KLN is teaching Theory and Harvey Robertson W7HRM and Harold Kirlin K7HKD are teaching CW.

Next meeting to be held at Power and Light Co.

A discussion was held on VHF for SS contest.

Some people to participate. Lots of rag chewing but nothing settled.

\*\* 21 JANUARY 1960 \*\*

Antenna returned to Quanset hut and Dick Martin W7BLW suggested we install tuned feeders. The status of the club as regards the CD station was discussed.

Classes to be 2 nights a week and needs 12 or more students. 15 weeks at 2 hours per week. AMECO books available from Denver on short notice. School should be furnished more information for their publication. Instructors will make temporary program for class on Monday nights.

TVI report by Lou Springer W7YWW with much discussion. Drake HP filter works good.

Addition to minutes of Oct 15. Proposal C was voted out in favor of adult education program.

\*\* 4 FEBRUARY 1960 \*\*

Correction to minutes --- 2 nights a week if there are 25 or more. There were 19 enrolled and class will be for 2 hours on Tuesday nights.

Harold Kirlin K7KLN reported that the code practice station was getting fairly good coverage and would operate on Wednesday, Thursday and Friday nights.

Harvey Robertson W7HRM gave TVI report. Quite a bit of interference is being caused. ?? suggestions made to have some type of relations due to TVI causes.

Jim Krebs W7TPS to check with FCC on antennas etc.

No report was available on Quanset hut.

Nominations for club officers were made. election next meeting.

\*\* 18 FEBRUARY 1960 \*\*

Harold presented a 5 point program for TVI. We had quite a discussion again tonight. How about checking Modulation Percent.

School doing okey. 16 present at last class. Class will continue at one night per week.

MARS station was discussed. They are in a classified area and are off the air at this time.



Motion by Haskell Cohen K7DSK, seconded by Harvey Robertson W7HRM to close nomination for President.

Motion by Lou Springer W7YWW, seconded by Luke McIntyre K7KLN to close nominations for Vice President.

Motion by Luke McIntyre K7KLN, seconded by Bill McCracken W7QPV to close nominations for Secretary-Treasurer.

\*\* 3 MARCH 1960 \*\*

Meeting opened by President Harold Kirlin K7HKD.

Hal DeBacco W7YJG returned 100 KC crystal.

Motion by Dick Martin W7BLW to correct minutes.

9 Students at last class. discussion of having 2 nights or splitting class but no decision.

Report of TVI committee ran into quite a discussion. Mr Bahlay of FCC took the stand that TVI is a technical problem and should be solved as such. The TVI committee should demand and get more respect from the amateur. Also if no co- operation then just drop and refer it to the FCC.

Nominations again for club officers. Nominated for President Jim Krebs W7TPS, Vice President Don Druce K7EVA, Secretary-Treasurer Ed Zent W7KUB and Harold Kirlin K7HKD.

Jim Krebs W7TPS asked about CD set up here. They say they need amateurs, why don't they help get things going. Something should be done about CD station.

What's with Wally Cramond K7AUI?

Harold Kirlin K7HKD says the club should get on the local activities such as Saddle Tramps and cattle drive to St Louis. This led to discussion of club again.

There was also a discussion of field day.

\*\* 5 MAY 1960 \*\*

Meeting opened by President Harold Kirlin K7HKD.

Candidates for office were reviewed.

Dues were collected from Bill McCracken W7QPV, Harold Kirlin K7HKD, Don Druce K7EVA, Jim Garrison K7EWK, Lou Springer W7YWW and Haskell Cohen K7DSK.

Luke McIntyre K7KLN says one more class meeting. One each Tuesday February and March 2 each week.

Minutes were read and amended.

Lou Springer W7YWW made a motion that all charter members in Cheyenne of this club be given lifetime membership. Seconded by Bill McCracken W7QPV. These members being original and continuous members.

These members are Frank Wolf W7EUZ and Lizette Wolf W7HDS, Ed Zent W7KUB and Harvey Robertson W7HRM. Voted on and carried.

Field Day?

\*\* 19 MAY 1960 \*\*

Meeting opened by Lou Springer W7YWW.

(Acting Secretary) Harvey Robertson W7HRM reports not too much coming from ARRL.

There are too many Official Observer notices on out of band operation. All of us should be careful about this.

\*\* 7 JUNE 1960 \*\*

Meeting opened by President Harold Kirlin K7HKD.

Minutes read and approved.

Ham picnic to be 16 August. Harold Kirlin K7HKD, George Algeo K7HAW and Lou Springer W7YWW on planning committee.

Discussion went to field day.

Election of officers was held tonight. Elected were Dick Martin W7BLW President, Bill McCracken W7QPV Vice President, and Jim Garrison K7EWK Secretary-Treasurer.

Luke McIntyre K7KLN made motion to put club money in bank. \$100.00 be put in savings. Approx \$20.00 kept as petty cash. Additional funds to go into savings acct. Seconded by Haskell Cohen K7DSK and carried. Cheyenne Savings and Loan was suggested.

Harvey Robertson W7HRM talked on flight range ( 4 Square )

\*\* 16 JUNE 1960 \*\*

Minutes read and approved.

Report on Scottsbluff ham picnic by Harold Kirlin K7HKD.

Harvey Robertson W7HRM made motion we charge \$1.00 per family registration and the club to pay any balance of expense. Seconded by Harold Kirlin K7HKD. Carried.

Luke McIntyre K7KLN made motion the community house be be procured and paid for. Seconded by Al Makus K7DLB. Carried.

A discussion was held about types of tubes

\*\* 17 JUNE 1960 \*\*

The Wyoming annual Corporation report was sent in by Jim Garrison K7EWK

\*\* 29 JUNE 1960 \*\*

The club station, K7AYF was busy in the field day exercise. The log shows that most of the contacts were on 20 meters. Other bands used were 80 meters, 40 meters, 15 meters and 6 meters. No operation is listed for 10 meters. The 6 meter band had 24 contacts that included Colorado, Texas, Illinois, Missouri, Kansas, Tennessee, Alabama, Oklahoma, Arkansas and Louisiana

\*\* 7 JULY 1960 \*\*

Lou Springer W7YWW made a report on the club picnic invitations and prizes that have been obtained. Try B & W, WRL Johnson, Heath etc.

Haskell Cohen K7DSK made a motion that the picnic be called "The Southern Wyoming Hamfest". Seconded by Lou Springer W7YWW.

Haskell Cohen K7DSK made a motion that the above companies be contacted.

Frontier Electronics Labs donated a WRL transistorized code practice oscillator.

Lou Springer W7YWW gave a talk on Hybred tubes.

\*\* 21 JULY 1960 \*\*

Bill for field day gasoline presented by Paul Wakefield W7BTI.

Haskell Cohen K7DSK presented the code practice oscillator that was donated by Frontier Electronics Labs.

Field day gasoline bill was paid.

Hamfest report was made by Lou Springer W7YWW. Donation of prizes by members was discussed.

Motion was made by Lou Springer W7YWW that club get 15 percent of money from the auction. Haskell Cohen K7DSK seconded and motion carried.

Motion was made by Lou Springer W7YWW that card be sent to Frank Wolf W7EUZ from the club members. Seconded by Jim Garrison K7EWK.

Phone calls should be made to hams the day of the meeting.

Lou Springer W7YWW and Jim Garrison K7EWK to make up a new list of local hams.

Monday nites at 8:00 pm local net on 7250 KC.

Harold Kirlin K7HKD gave a talk on modulation.

\*\* 4 AUGUST 1960 \*\*

Hamfest report made by Lou Springer W7YWW.

Members discussed local net on 2 meters and 75 meters.

Meeting lasted approx 1 1/2 hours.

\*\* 18 AUGUST 1960 \*\*

Report on picnic attendance ( 51 hams total approx 150 people)

Several members gave suggestions that state hamfest be held in Cheyenne. Thanks extended to the picnic committee. Letters of thanks to the companies who donated material to hamfest. Names of all Wyoming hams wanted before next hamfest.

Report on club Standing with Civil Defense.

New club station call required as Jack Hayes W7CGK (the Trustee) is leaving town.

Discussion of ham license plates.

Haskell Cohen K7DSK contacted by board of education about holding night classes on code and theory (Novice level) Members to table decision to hold classes again. Motion carried by members.

Jim Krebs W7TPS discussed 2 meter net - would be regular net.

Harold Kirlin K7HKD received Emergency Coordinator ( EC ) certificate.

Harold Kirlin K7HKD gave talk on 2 meter transmitter. He has several crystals. Halo antennas suggested.

\*\* 1 SEPTEMBER 1960 \*\*

Letters to be sent to Hamfest committee men's wives.

Al Makus K7DLB has letterhead paper.

TVI committee report.

High school radio class was discussed. Motion was made that club would not be able to take care of class this semester but that the club may be able to take it the next semester.

Bill McCracken W7QPV to check with YMCA on classes there.

Harold Kirlin K7HKD made a report on Monday nite 3920kc meeting.

Discussion on 2 meters was continued.

Ham plates report was made by Bill McCracken W7QPV.

George Algeo K7HAW made a report on Wyoming Hamfest. Don W7HH (Laramie) will check on hamfest location.

Motion by Lou Springer W7YWW that a letter be sent to Martin Martinson that this club is interested in finding out what is required to bring Wyoming Hamfest to this area. Seconded by Luke McIntyre K7KLN -motion carried.

George Algeo K7HAW appointed chairman of 1961 hamfest committee pending an answer from Martin Martinson.

Field day was brought up but tabled until next meeting.

Ed Zent W7KUB gave antenna talk.

\*\* 15 SEPTEMBER 1960 \*\*

School discussion was made. Motion that more research be made on the YMCA radio school by Luke McIntire K7KLN, seconded by Bill McCracken W7QPV.

Report was made on Hamfest 1961 by George Algeo K7HAW and Don W7HH from Laramie. Don W7HH offered his support for the Hamfest.

Bill McCracken W7QPV made a report on Wyoming ham plates.

Discussion of emergency traffic was held. Short discussion was made on 2 Meters.

Report made on emergency communications test to be conducted October 8 & 9 th 1960 by RACES.

Motion was made that club get a post office box by George Algeo K7HAW. Seconded by Luke McIntire K7KLN. Dick Martin W7BLW to check with Post Office about a small box.

Discussion of program for meeting.

\*\* 3 OCTOBER 1960 \*\*

A letter from Wyoming SEC asked for the AREC group to be activated on October 8 and 9 for the 1960 S.E.T. State frequencies were 3.610, 3.920 and 7.255 MHz.

\*\* 6 OCTOBER 1960 \*\*

Visitors were invited to join the club.

Report was made on meeting place - conference room etc.

Letter from ARRL on AREC practice was read and a check was made on the number of AREC members in the club. ( No. is 5 )

A report was made on the PO box by Dick Martin W7BLW. None are available at this time. Dick Martin W7BLW said he would check again in a short time.

A report was made by George Algeo K7HAW on the 1961 hamfest. Maybe we can run the hamfest for 1962.

George Algeo K7HAW was appointed to check with Laramie hams on sponsoring the 1962 hamfest.

George Algeo K7HAW said that the Jackalope net was starting again this fall.

Report was made on radio course at the YMCA by Luke McIntire K7KLN. Approx cost for use of YMCA facilities is \$2.00 for non-members plus a fee to cover the books, code practice outfit etc.

Report was made on VA hospital's proposed amateur radio station. More info on the VA hospital station next meeting.

Instructors for the YMCA classes -- code -- Harvey Robertson W7HRM, Harold Kirlin K7HKD, Lou Springer W7YWW, -- theory-- Lou Springer W7YWW, Luke McIntire K7KLN, Harold Kirlin K7HKD, Jim Garrison K7EWK.

Motion that club members listed above teach classes at the YMCA was Carried.

\*\* 20 OCTOBER 1960 \*\*

All non-members were invited to join club.

Luke McIntire K7KLN made a report on YMCA radio class. \$6.50 for non-YMCA member, slightly less for a YMCA member.

Glen Blackburn K7NQX made report on the VA hospital amateur radio station. Not much new information was available as hospital manager was on vacation.

George Algeo K7HAW was not able to be at meeting so no report could be made on the 1962 hamfest plans.

PO box has been rented. Box number is 52 main post office. ARRL to be notified of address change.

A discussion was made on 2 meters.

A discussion was made on the monday nite net.

A code practice session was brought up. The Naval Reserve was brought up as a possible location for code practice. A motion was made that someone contact the Naval Reserve on meeting there and also use of code practice room. Frank Wolf W7EUZ made motion,

Jim Krebs W7TPS seconded, motion carried. Luke McIntire K7KLN to contact someone at Reserve unit on the above.

\*\* 3 NOVEMBER 1960 \*\*

Bulletins read by Dick Martin W7BLW.

PO box rent paid ( \$3.00 ).

YMCA class information was read from YMCA newsletter. Regular YMCA members fee \$5.50, Non YMCA member \$8.50 .

Luke McIntire K7KLN made a report on materials for YMCA classes.

No info on code practice at Naval Reserve yet.

Report was made on Monday night (CW) net.

Short discussion was made on RACES and AREC by Dick Martin W7BLW and Harold Kirlin K7HKD.

Glen Blackburn K7NWX made a report on VA Hospital ham station. Some equipment is now on order. More information will be given when it is available.

Short discussion was made on 1962 hamfest. Haskell Cohen K7DSK made a motion that we have an interim chairman to make our desire to have the 1962 hamfest in this area known. Seconded by Bill McCracken W7QPV. Carried.

George Algeo K7HAW was appointed as interim chairman for 1962 Wyoming hamfest.

Discussion was made on auto plates (ham call).

Program by Harold Kirlin on 2 meter operation in the county. Coverage with 5 watt transmitters and various antennas. Types of antennas used and the results obtained.

\*\* 17 NOVEMBER 1960 \*\*

Luke McIntire K7KLN gave a report on classes at YMCA.

Naval Reserve invited us to hold code classes any night except Tuesday.

Harold Kirlin K7HKD gave a discussion of 2 meter activity.

A discussion of the compatibility of FM and AM 2 meter operation.



Bill McCracken W7QPV brought up TVI complaint. Citizen Band operator using souped up transmitter. There were no amateur TVI complaints.

George Algeo K7HAW resume of next years picnic and assistance offered by the Laramie club. Discussion post-poned to next meeting.

Casper is going to put a KW on 2 meters is reported by Hal DeBacco W7YJG and Harold Kirlin K7HKD.

Harvey Robertson W7HRM gave a report on SS conditions.

Harold Kirlin K7HKD gave a discussion of H F tube substitution.

Harold Kirlin K7HKD passed out applications for membership in the Amateur Radio Emergency Corp. (AREC)

Harvey Robertson W7HRM discussed the results obtained with his new antenna.

\*\* 1 DECEMBER 1960 \*\*

ARRL communications read.

RACES and AREC was discussed.

Misc discussed.

YMCA class was discussed.

Monday night C.W. net was discussed.

Discussion of UHF band operation 420, 1230 MC etc.

Discussion of ham activities in local area.

\*\* 15 DECEMBER 1960 \*\*

YMCA school report.

Monday nite code net.

Harold Kirlin K7HKD suggested a 2 meter net.

Naval Reserve code anytime except Tuesday nites.

Motion by Harvey Robertson W7HRM that the CLF&P Company room be retained for the coming year. Seconded by George Algeo K7HAW, Carried.

Program activities committee Ray Swanberg K6LWR and Chairman Frank Wolf W7EUZ.

Discussion of MARS membership. Ray Swanberg K6LWR to check on how membership in local MARS works.

Report on club ham list.

Motion that club pay for paper and postage for club paper by Hal DeBacco W7YJG and seconded by Luke McIntire K7KLN, carried.

Suggestion was made that name cards be made for each member by Al Fortenberry K7NZI. Motion was made that a host be appointed, carried. Host to get name cards.

Hal DeBacco W7YJG made a motion that club station license possibly be transferred to one of the life members. Seconded by Luke McIntire K7KLN, carried.

V.P. Made a motion that discussion be stopped until next meeting, carried.  
Club Officers were: President Dick Martin W7BLW, Vice President Bill McCracken W7QPV, Secretary-Treasurer Jim Garrison K7EWK.

Club Meetings were held at the Cheyenne Light Fuel and Power Co.

\*\*\*\*\* YEAR 1961 \*\*\*\*\* "OSCAR 1 satellite launched in December."

\*\* 5 JANUARY 1961 \*\*

Treasurer's report \$169.13 .

A report on the Laramie RACES net was made. Communications received by Lou Springer W7YWW. By Harvey Robertson W7HRM state RACES net in Casper Wednesday nights 3920KC.

TVI report made by Lou Springer W7YWW.

Program committee report made by Bill McCracken W7QPV.

Host Al Fortenberry K7NZI made report on identity cards.

Discussion was made of club paper.

MARS program (SAC) was reported on by Ray Swanberg K6LWR.

MARS program (CONAC) was reported on by Wally Crammond K7AUI.

Ray Swanberg K6LWR suggested each member bring another ham next meeting, also that application forms may be made that can be given to possible members.

Luke McIntire K7KLN made a motion that Al Fortenberry K7NZI and Ray Swanberg K6LWR be chairman of the membership and host committee. Haskell Cohen K7DSK seconded. Carried.

Lizette Wolf W7HDS asked for information on hams coming in or going out of Cheyenne.

( Note: Lizette Wolf W7HDS put out the Cheyenne Ham list for many years. It was typed on a stencil and run on a duplicating machine. It came out once a year. I think she put out the 1971 list before retiring to Arkansas. Jim W7NE )

Code practice at Naval Reserve was discussed also code certificate was shown by Lizette Wolf W7HDS.

Club call K7AYF was discussed. Haskell Cohen K7DSK suggested we find a place for the club station. Haskell Cohen K7DSK also volunteered to be in charge of the project.

A motion was made by Al Fortenberry K7NZI that the honor of being the trustee of the club station be presented to the life members and if they decline that they notify the club. Seconded by Ray Swanberg K6LWR, Carried.

Monday nite net was discussed. Phone frequency for local net to be 3825 KC.

Let everyone know you're member of SHY-WY radio Club.

Ray Swanberg K6LWR made a motion that Frank Wolf W7EUZ be appointed as historian for the club. Seconded by Hal DeBacco W7YJG, Carried.

\*\* 19 JANUARY 1961 \*\*

Jim Garrison K7EWK Secretary-Treasurer being absent, Lizette Wolf W7HDS took this office for this meeting.

Not having the minutes of the January 5th meeting on hand, notes taken by Lizette Wolf W7HDS were read.

Old Business:

Code practice at USNR, Luke Mc Intyre, K7KLN, Chairman for these arrangements, left for Okinawa, did not arrange for committee to meet with Dave Wood K7MME, chief radioman at USNR.

Suggestion by Frank Wolf W7EUZ for code practice one half hour before club meetings. Al Fortenberry K7NZI offered to serve as new chairman.

ARRL Bulletin No.753 read by President.

Letter from new ARRL Rocky Mountain area director Carl Smith, asking that new Assistant Director for Cheyenne be appointed by club, although he recommended present holder of that office Harvey Robertson W7HRM. Asked for names of present officers of the club.

Club members present approved Harvey Robertson W7HRM to continue in office.

Harvey Robertson W7HRM read letter from Carl Smith Rocky Mountain ARRL Director, asking the club to vote on ARRL asking the FCC for Amateurs to share 160 meter band using 20 watts output with LORAN. Members voted against this change.

Program Chairman Frank Wolf W7EUZ announced future attractions: Feb 2, Movie furnished by K6LWR, Feb 16, Modifying the 10A exciter by Harvey Robertson W7HRM, Mar 2 Linear Amplifiers by Ed Zent W7KUB.

Harold Kirlin K7HKD, Chairman for the 1961 Field Day, asked to present his plans. He suggested having several small groups operating independently. Club voted for one club unit. Chairman appointed Frank Wolf W7EUZ and Harvey Robertson W7HRM as location committee. Vote to have special QSL cards printed, Carried.

Two visitors from Casper present, Bob Downs W7VTB and M Funky W7NVI.

Amateurs Glen Blackburn KN7NQX and Norman Halley ex W9KFU have been advised they passed the General exam in Denver. The latter joined the club tonight.

Total number present 20.

January News sheet and MARS circular passed.

Motion for business meeting to close accepted.

Interesting and instructive talk on "Two-way communication systems" by Al Fortenberry K7NZI, showing three models of G E systems.

Meeting closed at 10:00 PM and many retired to Mayflower Cafe for coffee.

Note: No treasurer's report given. \$3.00 cash attached to these minutes for one years dues by Norman Halley ex W9KFU.

\*\* 23 JANUARY 1961 \*\*

A letter to ARRL RM director indicates the meeting were being held at Cheyenne Light Fuel and Power Co.

\*\* 2 FEBRUARY 1961 \*\*

Communications read by president.

Club license trustee moving out of state. License expires April 26, 1962.

Al Fortenberry K7NZI contacted Dave Woods at Naval Reserve about code room. President and Jim Krebs W7TPS met with Commander Woods and secured approval to use code room on Monday and/or Friday nites.

A discussion was held on code practice. Al Fortenberry K7NZI made motion that the club use the Naval Reserve facility. Seconded by Frank Wolf W7EUZ, carried.

Al Fortenberry K7NZI made a motion that we set time and day as 7:30 PM Friday and at later date chairman of program can also us Monday if need be. Seconded by Ray Swanberg K6LWR, carried. First class will be held 10 feb 1961.

Discussion was held on YMCA classes.

Visitors were introduced by Al Fortenberry K7NZI.

Lizette Wolf W7HDS asked for assistance in locating local hams.

Nothing new on field day.

Report on power line noise was made by Bill McCracken W7QPV. Comments were made by several others. Report noise to Fred Salfisberg or his assistant at CLF&P.

\*\* 6 FEBRUARY 1961 \*\*

A Thank you letter was received from George Reid YMCA general Secretary. He invited the club to have classes there again.

\*\* 16 FEBRUARY 1961 \*\*

Minutes read and approved.

Treasurers report read.

President read letters form ARRL, YMCA and RACES.

Field day was discussed and Harold Kirlin K7HKD was in charge of setting up shifts of operators.

Ed Zent W7KUB and Jim Krebs W7TPS volunteered to set up the antennas.

Field day to be held about 18 miles north of Cheyenne in old school building.

Club BY-LAWS read by President.

Code practice at USNR discussed.

Harvey Robertson had a talk on the 10A SSB exciter.

\*\* 2 MARCH 1961 \*\*

Minutes read and approved.

Sec-Treas report made.

Nothing new on field day.

Club election was held. New officers are President Richard Martin W7BLW, Vice President Ed Zent W7KUB and Secretary-Treasurer Don Druce K7EVA.

Discussion of C D net and C D equipment, also club station K7AYF location and trustee.

Haskell Cohen K7DSK reported on new location for club station K7AYF.

Dick Martin W7BLW gave a talk about ARES-RACES. The CD equipment and the net were discussed.

Code practice at USNR discussed.

Ray Swanberg K6LWR moved for adjournment, seconded by Lizette Wolf W7HDS.

Ed Zent W7KUB gave a talk on Linear Amplifiers.

\*\* 16 MARCH 1961 \*\*

Minutes read and corrected then approved.

Treasurer's report read.

Communications read- 4 ARRL cards.

Field day report- nothing new.

Code practice class discussed.

Club station location (new location) discussed.

QSL cards for K7AYF discussed. Price of cards in large numbers was brought up.

Discussion of club participation in the Western Plains Fair. It was approved with president Hal DeBacco W7YJG to determine details of operation.

Motion by Haskell Cohen K7DSK that SHY-WY radio participate in Western Plains Fair with an exhibit type and size to be determined by President.

"Alert 61" letter read by President.

Hal DeBacco W7YJG made motion to close meeting. Seconded by Don Druce K7EVA. Carried.

\*\* 6 APRIL 1961 \*\*

Meeting held at State Highway Building.

Minutes of previous meeting read and approved.

New officers installed.

Frank Wolf mentioned that it was the 20th year for the club. (SHY-WY)

ARRL bulletin No 792 read, concerning RACES operation for April 26 thru 30.

ARRL bulletin No 793 read, concerning 30 minute Conel-Rad alert at 2100 GMT (1400MST) April 28.

ARRL bulletin No 794 read, concerning ARRL DX list.

ARRL FLASH read urging cooperation on Conel-Rad alert for April 28.

Dick Martin W7BLW presented bill for \$3.00 for PO box rent.

Dick Martin Presented bill for \$.80 for repair of club code oscillator.

New Novice licenses announced: Preble Phelps KN7OVD, Lumis Booth KN7OWU, Fred Hoffman Sr KN7OWX, Gene Brooks KN7OWV, Bruce Almich KN7OWT, and Jerry Janke KN7OWY.

Al Fortenberry K7NZI resigned as Host and nominated Fred Hoffman Sr. KN7OWX as successor. Position accepted by Fred Hoffman Sr. KN7OWX.

Lou Springer W7YWW reported one TVI complaint. This was caused by a neon sign at Salisbury's and the trouble has been remedied.

Next meeting to be held at Highway building unless notified otherwise.

Haskell Cohen K7DSK gave a report on new location for club station. Nothing definite as yet, however situation favorable to getting room in the old Airport building. Apparently only a matter of time until space is available.

Line noise interference discussed. Wally Cramond K7AUI said he had called the power company and the engineer in charge promised to investigate the problem. Lou Springer W7YWW, Harold Kirlin K7HKD, and Wally Cramond K7AUI appointed to follow up on the complaint.

Report on Western Plains Fair by Lizette Wolf W7HDS. To Be at Frontier Park Pavillion, August 18 thru 23, August 20 thru 23 for exhibits.

We have a booth reserved. Approx 15 by 15 square. Prize offered for best exhibit. Small fee or no charge for all for non commercial booth.

Suggested message traffic to Wyoming with 2 meter relay from location. Several suggestions for decorating booth were also mentioned and details to be left to committee or special meeting later. Committee as follows, Hal DeBacco W7YJG in charge of equipment. Harold Kirlin K7HKD and Ed Zent W7KUB in charge of photography. Lou Springer W7YWW in charge of printing. Gene Shepard K7LBR will take care of MARS.

Nothing new on Field Day. Wally Cramond K7AUI volunteered to check the noise level at Groggins School, north of town.

One new member reported for AREC. It was suggested that Harold Kirlin order AREC decals.



Lizette Wolf W7HDS learned via the Pony Express ne that a new club is being organized in Laramie. It was suggested we find out who the officers are. (via Pony Express)

Harvey Robertson W7HRM is appointed as publicity agent.

Mentioned by Dick Martin W7BLW that dues are due and payable as of 1 April.

Bill McCracken W7QPV offered a 1 KW transmitter for club use.

Dick Eversall (Civil Defense) has supplied the club with some 2 meter halos.

Meeting adjourned at 2200 MST after which Dick Eversole (Civil Defense) showed slides and talked on Civil Defense.

\*\* 15 APRIL 1961 \*\* "Special Civil Defense Meeting".

Held in conference room of Wyoming Highway department building, called by Hal DeBacco W7YJG, for organization of RACES operators in the coming Civil Defense "OPAL 61".

Lizette Wolf W7HDS recording secretary contacted 48 amateurs in the vicinity and attendance at this meeting was 18. 16 amateurs and 2 guest.

Meeting opened at 1510 by Hal Debacco W7YJG with remarks on: 1. Reason for meeting to get names and phone numbers of amateurs who will operate, number of stations now lined up. 2. Can get off from work to participate. 3. Forms and "Q" signs to be used. 4. Need for 2 meter rig for Red Cross office.

Dick Martin W7BLW asked that information about local CD set-up be discussed, said that 2 meter station located at Police building would not be operating all night Friday, April 28th.

Glen Blackburn K7NQX remarked that the Veteran's Hospital could be covered by Norman Halley K7OMW with active station there now, if one was needed.

Dick Eversall State Radio RACES officer, was introduced and took the floor, discussing 1. Actual OPAL 61 operation will be from 2100Z, friday April 28, thru 1900Z Saturday, April 29th. Total of 22 hours. Races operation would possibly be from 2100Z to 0700Z Friday April 28 and 1300Z to 1900Z Saturday April 29th. Total of 16 hours. The time may be changed later.

1. Region- On 80 CW. Club Station K7AYF at CD HQ, Dick Martin W7BLW operator.

2. Cheyenne City net on 144MC, 145.35MC Operating with Harold Kirlin K7HKD and Lou Springer W7YWW mobile . At City Police dept, Haskell Cohen K7DSK. At Airport, Hal DeBacco W7YJG and Evelyn DeBacco W7YWY. At CD HQ Frank Wolf W7EUZ and Lizette Wolf W7HDS.

3. State Net, 3537.5KC (7116KC Alternate). Operators include Harvey Robertson W7HRM, Bennie James W7SQT, Bud Roberts W7HLA and possibly Ed Zent W7KUB. Operating time 2200Z to 0700Z Friday, April 28 and 1500Z to 1900Z Saturday April 29th. 4. A 10 Meter phone Transmitter/Receiver will be set up at W7HLA location, but operators not definite. Also a 10 Meter Transmitter/receiver at CD headquarters.

5. Area net on 3920KC (\_\_\_\_\_ KC alternate). Operators to be George Algeo K7HAW and Glen Blackburn K7NQX. Did not show time of operation. Will make contacts with Area Control in Laramie, Wright W7HH

At this point Dick Eversal State Radio Officer introduced Capt. Jack Hawk, State CD operations officer of Cheyenne, who spoke on overall "OPAL 61" operation, including the following:

1. Nation now at critical stage of "cold war" with situation in Laos.
2. Pretty positive that both U.S. and Russia will use manned bombers.
3. Cheyenne is in region #6 with headquarters in Denver. Cheyenne will not be considered bombed in OPAL 61 but Denver will. A very elaborate setup has been installed in Denver at great cost, which will be handled by Amateur RACES nets.
4. OPAL 61 plan for the nation is for federal Government to notify Military and all states of possible alert early Friday morning, April 28th. War will be declared later this same (Friday) morning, with attack expected around noon. (Checkerboard code attack). Following hour one of total confusion, three simulated bombs to fall in this area, possibly at 1900Z, 2100Z and 2300Z. State radio fallout units will be collected and RACES State Nets alerted. Fall out tests will not be ready until about 0200Z Friday evening. There are 47 Radio fall out stations through out the state. Tests are made by meters. All locations and density is plotted by CD on fall out maps. Stations will operate all 22 hours of OPAL 61 operations. Attack briefing here at 1500Z Saturday April 29th. Message handling should be finished about 1900Z Saturday, April 29th, Final messages to pertain to bursted water mains, power lined down, etc, as covered by roving mobile units.
5. Regarding Conel-Rad: (1) All radio and TV stations throughout the nation will leave the air immediately when Conel-Rad is called. EXCEPT those on Conel-Rad frequencies of 1240KC and 680KC. Example KFBC. (2) Governor Gage will be between Casper and Medicine Bow in Highway Patrol car. Will give live broadcast on Conel-Rad broadcast thru facilities of KFBC.

6. Civilian radio service stations and mobile units, with 2 meter amateur stations at their Net Control points to relay messages to CD headquarters.

(75 such outfits listed with Lizette Wolf W7HDS in 1953, including both Warren Hereford ranches, 18 Taxicabs, Cook-McCann Concrete, M&B Drilling Co., Morrison Knutson Co etc.) Would need too much organization for OPAL 61 run but might include them next year. Lou Springer W7YWW said that a Mr. Vaughn had contacted him and offered full co-operation to the amateurs.)

7. Each of the four sources of communications, (1) RACES, (2) Telephone and Telegraph, (3) Radio BC and (4) Two way communications needs one man in City, County and State set-ups. Not all these offices filled at this time. County Director Glen Oliver will be replaced. City Director here is Baldwin.

8. Message handling using amateur pre-amble discussed. CD message form passed and explained by Dick Martin W7BLW and Dick Eversal (CD). GMT will be used throughout. All messages at CD Headquarters will be typed, with copy for RACES operators. No word check will be used, but priority of message (urgent, important, general business and answer requested will be used on CD form. More on the message handling will be taken up at a later meeting.

Meeting was turned over to Hal DeBacco W7YJG who asked for a volunteer group of those present for antenna erection for 2 meter stations Saturday, April 16th at 2030Z. Wally Cramond K7AUI, Frank Wolf W7EUZ, Harold Kirlin K7HKD, Lou Springer W7YWW and possibly Ed Zent W7KUB volunteered.

There may be other CD meetings before OPAL 61. Hal DeBacco W7YJG thanked all who attended this meeting.

Dick Eversal (CD) passed out new Wyoming road maps, RACES booklet MP-13 and Advisory bulletin no 122, attachment 2.

Meeting adjourned at 0600Z

Note: Stations operating on 10 meters at (1) State Net and (2) CD Headquarters, not definite and were missed by secretary, Sorry.

Respectfully submitted by Lizette Wolf W7HDS. All correct phrasing and spelling purely accidental.

\*\* 20 APRIL 1961 \*\*

Meeting was held at State Highway Building.

Meeting opened at 2030.

Minutes of previous meeting read and approved after correction.

Wally Cramond K7AUI reported that the noise level at the Groggins school was normal on all bands. It was decided that would be a good location for Field Day this year. It was suggested that a Windom antenna be used for all bands except 6 meters and a beam be put up for that band.

Lou Springer W7YWW reported no TVI complaints.

Reported that 2 meter antenna were installed at the Old Airport building, Police Station, State CD Headquarters and up at KFBC's transmitter ready for OPAL 61. The rig for the Regional Station has been moved from the Quonset hut into the State CD Building.

Minutes of the CD special meeting were read.

Nothing much new on the Hamfest for 1962.

Western Plains Fair: Some more suggestions on booth decorations.

A letter from the Laramie Club was read. The club is not yet formally organized. Their next meeting is to be April 26.

The 1 KW transmitter has been picked up but has not yet been sorted out. It seems that the VFO was not in sight.

A card from Luke McIntyre K7KLN was read. He is now in Guam and has not been able to get on the air yet.

ARRL Bulletin 795 concerning FCC notices of proposed rule making. One concerning Conditional examinations by persons temporarily out of the U.S. The other Concerning Maritime Mobile operation in the 20 meter band.

ARRL Bulletin No.796 announcing Field Day for June 24 and 25.

A get well card was sent to Harvey Robertson W7HRM at DePaul Hospital. A Baby card was sent to Ray Swanberg K6LWR who has a new baby.

Capt Schriver K8DLG/) from Omaha, gave some publicity getting suggestions which included working with fund drives and Telethons with mobile units. Also mentioned club activities such as visiting commercial stations and communications systems, lotteries, dances, pancake dinners etc. He had several comments on TVI chasing. Omaha club has about 200 members out of 800 hams with about 85 percent attendance to

business meetings and as high as 190 to special meetings. He also mentioned that North Africa calls will soon be out.

At 2100 the meeting was turned over to Carl Smith W0BWJ, area director for ARRL. He stated that the TVI committee is very important and asked the name of the TVI committee chairman be sent to Andy Baully in Denver. He mentioned that a 15 minute tape had been shown on TV stations in Denver, to tell the public about TVI and it's causes and cures.

He warned against policing of Citizen Band by hams unless you also hold a CB license. Mentioned Rocky Mountain Division, VHF Achievement Award, also Junior Achievement Award for ages 18 and under, winners receive a plaque. Division Convention to be held at Ogden Utah, June 16, 17 and 18th.

Board meeting to be held in Los Angeles this year and some of the subjects to be discussed as follows:

- A. Revision of BY-LAWS to give directors a 4 year term instead of two.
- B. Revision of incentive for Extra class license, such as extra operating privileges.
- C. Try to get reciprocal operating privileges with Mexico.
- D. Increase the duties of the Vice Director.
- E. Increase in 160 meter operation.
- F. Petition FCC on NBFM, 1 to 2.5 Bandwidth, and legalities of Fax on AM bands.
- G. Do you want more than a yearly index for QST? How about a 10 year index similar to 11 year index of CQ?
- H. He mentioned that they have a booklet of forms already made so as to be acceptable for printing without rewriting on various publicity tricks.
- I. The ARRL was represented at the Geneva Conference and the Hams were protected by the military.

Meeting adjourned at 2235.

To the Airport Cafe for coffee.

Write Denver TVI chairman: Walt Gardner KOCLJ, 701 Lima, Denver 8, Co. about 6 meter TVI.

\*\* 27 APRIL 1961 \*\* "Special C D meeting for OPAL 61"

Special CD meeting to discuss OPAL 61.

Meeting held at state CD Headquarters.

Meeting opened at 1905.

16 Hams present.

It was announced that the Conel-Rad alert would begin at 1400 and RACES stations should also observe this and not begin operation until 1431. There was some controversy as to what time should be used. Dick Martin W7BLW stated that the regional net was required to use Zulu time and suggested that others do likewise. Any time written in the text of messages is not to be changed. It was decided that local traffic would go by twenty four hour clock MST. the state message center also wished to use MST and twenty four hour clock.

Wyoming Civil Defense Message forms are to be used exclusively. 2 meter traffic will not necessarily have a regular form as formalizational can be done by the message center. Operators will be furnished typewritten copy or regular state forms, of all messages handled, for our own records. Priority of messages when breaking is as follows: Routine message- 1 break, urgent Message- 2 breaks, emergency message - 3 breaks. No Q signals to be used on 2 meters because of no QRM.

Stations, Operators and hours of operation as follows:

Local traffic to be handled on 2 meters by 5 stations. State CD Headquarters operated by Frank Wolf W7EUZ and Lizette Wolf W7HDS. City CD Headquarters in old Airport Terminal building operated by Hal DeBacco W7YJG, Evelyn DeBacco W7YWY and Don Druce K7EVA. The Police station operated by Haskell Cohen K7DSK, Bill McCracken W7QPV and Preble Phelps K7OVD. At KFBC's tower operated by Harold Kirlin K7HKD and Jerry Janke KN7OWY. Mobile station by Lou Springer W7YWW.

The 2 meter operation will be from 1431 to 2400, Friday and 0600 to 1000 Saturday. All 2 meter operation to be on phone.

The State net to be on 80 meter CW with 10 meter phone as link between state and regional nets. State net station to be at Harvey Robertson's station. This station to be operated by harvey Robertson W7HRM, George Algeo K7HAW, Bennie James W7SQT, Harold Roberts W7HLA Ed Leckman K7IVJ and Glen Blackburn K7NQX.

The Regional station will be at the State CD Headquarters and operated by Dick Martin W7BLW, Jim Krebs W7TPS, Ed Zent W7KUB, Dave Wood K7MME, and Lou Springer. This is a CW net working at about 16 WPM. Frequencies may vary with band conditions.

Dick Eversal (CD), Capt Hawk and Maj Savery gave us a general rundown of the state and national operation of the alert and of what to expect during the Conel-Rad alert.

The meeting closed at 2030.

\*\* 4 MAY 1961 \*\*

The meeting was held at the Cheyenne Light Fuel and Power CO.

Attendance was 12.

The meeting opened at 2020.

Minutes of the previous meeting were read and approved.

Letter read from Bob Goodrich K7KMQ, who is now in Navy "Boot" camp at San Diego. Glen Blackburn K7NQX reported that Bob Goodrich K7KNQ's dad was at the Vet's hospital. It was suggested that a card be sent to Bob and a get well card sent to his dad. Bob's address is SR Robert Goodrich, Co 150 USNTC, San Diego 33.

Al Makus K7DLB was reported as not feeling well and it was suggested he also be sent a card.

List of operators for OPAL 61 was read by Lizette Wolf W7HDS. It was reported that the amateurs were mentioned in most news articles about OPAL 61. It was reported that radio reception is not possible during fallout but Capt. Hawk reported that it would pickup in a few hours. It was the opinion that this would be no problem to RACES operation as most RACES traffic would actually be some time after the bomb hits.

The checkerboard form for air raid warning was discussed and a sample form passed around. It was suggested by Hal DeBacco W7YJG that Dick Eversal (CD) be at a meeting to discuss suggestions for better organization of message handling. Dick Martin W7BLW reported that Colonel Pierson was pleased with amateur operations. The 10 Meter rig caused some TVI.

Field Day: Possibly use the Viking II Transmitter, Bill McCracken W7QPV 75A4 receiver and Paul Wakefield W7BTI's power plant.

Western Plains Fair: August 20 thru 23- 4 days at 13 1/2 hours per day. Construction August 19- Teardown August 24th. Must be someone on duty at all times during 13 1/2 hour period. As a considerable crew and time are required for this operation, a motion was made by Lizette Wolf W7HDS that this be brought up at the next meeting and decide whether to continue or drop this project. Second by Hal DeBacco W7YJG. Carried.

TVI reported in the 600 block of East 21st Street. This was a herringbone on Channel 7 and a 24 hour a day complaint, apparently not ham caused.

Meeting adjourned at 2200 and resumed at the Mayflower Cafe.

\*\* 19 MAY 1961 \*\*

Meeting held at Cheyenne Light Fuel and Power Co.

Attendance 15.

Meeting opened at 2010 .

Minutes of previous meeting read and approved.

Channel 7 TVI report at 21st and Russell. This was investigated by Harold Kirlin K7HKD and Lou Springer W7YWW. Cause of interference was found to be a defective TV booster which had been recently purchased.

Reported by Lizette Wolf W7HDS that her and Frank Wolf W7EUZ, Hert Luckritz W7GCB, Bob Smith K4KAK, Jim Krebs W7TPS, Lou Springer W7YWW and Glen Blackburn K7NWX had handled traffic during the recent snow storm.

No further report on hamshack at Airport Terminal building. Still waiting for room to be vacated.

Suggested by Hal DeBacco W7YJG that himself and Paul Wakefield W7BTI pick up the clubs power plant at the quanset and see what would be needed to put this in operation. Motion by Haskell Cohen K7DSK that they fix the unit if the cost could be kept below \$5.00, if more expense is required, bring estimate to the club for decision. Seconded by Bill McCracken W7QPV. Carried.

Field Day: Harold Kirlin K7HKD drew out a proposal for Field Day station using Signal Sentry and TR switch, 130 ft Windom 40 feet high with tubular twinlead and balun coils for 80 thru 10 operation. Wants to stay with one transmitter class for 3 multiplier.

Motion by Hal DeBacco W7YJG that the club buy 5000 first run QSL cards with 2500 of those second run for the club. Seconded by Haskell Cohen K7DSK. Carried. There will be 500 for Preble Phelps K7OVD, 500 for Harold Kirlin K7HKD, 500 for Ed Zent W7KUB and the remaining 1000 to be kept in reserve for anyone else who may want them. Dick Martin W7BLW will order these from Pioneer Printing.



Western Plains Fair: Motion by Frank Wolf W7EUZ that we table this for this year and make observations of other exhibits for next years planing. Seconded by Hal DeBacco. Carried.

ARRL Bulletin No 798 read concerning project OSCAR, satelite communications equipment for 2 meters.

ARRL board meeting highlights read, full report in QST.

ARRL Bulletin No 799 read concerning board meeting at Anaheim, Calif.

Brought up by Harold Kirlin K7HKD and Hal DeBacco W7YJG that they would like to get more VHF discussion into the meetings, maybe have VHF club in conjunction with regular club or have alternate meetings for VHF. Haskell Cohen K7DSK reported that the BY-LAWS state that one meeting per month be for business and the other meeting be on the perfection of the art. Suggested by Frank Wolf W7EUZ that the business be cut to one half of the meeting and the other half be for technical discussions etc. This was put into a motion by Harvey Robertson W7HRM, Seconded by Ed Zeny W7KUB. Carried.

Meeting adjourned 1203

\*\* 1 JUNE 1961 \*\*

Meeting held at Cheyenne Light Fuel and Power co.

Attendance 10

Meeting opened at 2015.

Minutes of previous meeting read.

Civil Defense: Letter from General Pierson concerning hiring of Mr Wright as Deputy Communications Officer.

ARRL Division Convention to be held at Ogden Utah, June 16, 17 and 18th.

Letter read from Martin Martinson announcing WYOMing Hamfest to be at Deer Haven Lodge in the Big Horn Mountains. Date: July 22 and 23. Part of the activities will be the aution and 2 transmitter hunts.

Thank you note from General Pierson for OPAL 61 operation.

Letter read from Cheyenne Light Fuel and Power Co. stating that the Gas and Electric room will be unavailable after June 1st due to remodeling.

Rocky Mountain Division membership letter read giving a list of ARRL summer activities.

ARRL Bulletin No 800 read concerning DX countries list changes.

ARRL Bulletin No.801 giving international DX Competition winners.

Report from Haskell Cohen K7DSK that we should have room at Airport Terminal Building by the end of June.

Haskell Cohen K7DSK is going to Omaha soon and said that he would investigate the possibility of getting a receiver for the club.

Meeting adjourned at 2105.

No report on Field Day because time ran out.

\*\* 15 JUNE 1961 \*\*

Meeting held at Cheyenne Light Fuel and Power Co.

Attendance 12

Meeting opened at 2000.

Minutes of previous meeting read and approved.

ARRL letter read giving hints on Field Day publicity.

The rest of the meeting was taken up with a discussion of Field Day. Type of antenna system to be used, getting necessary equipment to the site, getting equipment setup, organizing operating crews and tear down.

Meeting adjourned at 2100.

\*\* ?? JUNE 1961 \*\*

Field day operation was held at old school house about 15 miles north of Cheyenne.

There were 8 pages of contacts. Most of the contacts were on 20 meters. 80 and 40 meters were not as good. 15 and 10 meters was not open and 6 meters had only 1 local contact.

\*\* 6 JULY 1961 \*\*

Meeting held at new QTH in old Airport Terminal Building.

Attendance 19.

Meeting opened at 2005.

Suggested by Dick Martin W7BLW that the station license should be modified as soon as possible. Harvey Robertson W7HRM was appointed as the new trustee and will take care of license modification.

Minutes of previous meeting were read and approved.

Bills:

Post Office box rent. \$3.00 pd.

Keys for the shack \$1.40 pd.

Pioneer Printing for QSL'S \$81.96 pd, Club \$16.82, Harold Kirlin K7HKD \$11.99 pd, Ed Zent W7KUB \$11.99 pd, Preble Phelps K7OVD \$11.99 pd, Ira Haws W8KNC \$13.48, \$5.72 to club, \$7.50 to Pioneer.

Keys will be with Dick Martin W7BLW, Haskell Cohen K7DSK, Harvey Robertson W7HRM and the Civil Defense Director.

Suggestion by Wally Cramond K7AUI that a step by step tune up procedure be posted at rig.

Motion by Haskell Cohen K7DSK, seconded by Lou Springer W7YWW that Harold Kirlin K7HKD pick up and check out receiver belonging to Butch Bowie and bring back a recommendation to the club as to buying same. Carried.

Harvey Robertson W7HRM is going to Denver and will check with RAPSCO to see about getting exciter for KW rig.

Motion by Harvey Robertson W7HRM, second by Bill McCracken W7QPV that a letter be written to the school board thanking them for the use of the Field Day site. Carried.

Haskell Cohen K7DSK will check on price of getting power into shack.

Don Druce K7EVA will procure paint.

Haskell Cohen K7DSK suggests that the bulletin board be installed and USED, and recommended that card size be standard.

Meeting adjourned at 2145.

Coffee and donuts donated by Mrs Dick Martin.

\*\* 20 JULY 1961 \*\*

Meeting was held at old Airport Terminal building.

Attendance 10.

Meeting opened at 2005.

Minutes of previous meeting read along with Treasurers report.

Harold Kirlin K7HKD reported on Butch Bowie's receiver, and stated that it was not in very good condition. Motion by Haskell Cohen K7DSK that we do not purchase said receiver. Second by Bill McCracken W7QPV. Carried.

Haskell Cohen K7DSK is going to investigate procuring a receiver from Sam Zuckerman W7FT.

Harvey Robertson reported no contact with crew from RAPSCO in regard to exciter for the KW rig.

Haskell Cohen K7DSK reported an estimate for getting electricity into shack. He had a bid from Simpson of \$70.00, which was supposedly their cost. Motion by Jim Krebs W7TPS that Haskell Cohen K7DSK get 3 bids for running two 20 Amp circuits and have the job done by the lowest bidder. Second by Ed Zent W7KUB. Carried.

Haskell Cohen K7DSK is going to Denver and will try to get the Exciter situation straightened out with RAPSCO.

Letter from Luke McIntyre K7KLN read.

Reported by Dick Martin W7BLW that he has been called to talk to the Cosmopolitan Club and was able to get in a plug for the Hams.

Meeting adjourned at 2105 .

Glen Blackburn K7NQX and Haskell Cohen K7DSK along with other stout members, hauled in the KW and a workbench.

\*\* 4 AUGUST 1961 \*\*

Attendance 12.

Meeting opened at 2020.

Letter read from ARRL concerning annual report which is overdue.

Haskell Cohen K7DSK was unable to find out anything about Bill McCracken's exciter at RAPSCO as he was unable to contact the right person.

Harvey Robertson W7HRM may be going to Denver soon and possible be able to contact RAPSCO about the exciter.

Report by Haskell Cohen K7DSK that RAPSCO has no receiver in out price range.

Harvey Robertson W7HRM has Sam Zuckerman W7FT's BC-348. He has \$30.00 invested and would sell for that amount.

Motion by Haskell Cohen K7DSK that we buy this receiver for \$30.00. Second by Hal Carlson K7MSL. Carried.

Haskell Cohen K7DSK reported another bid on wiring for shack, from Fitch for \$72.50.

Ed Zent W7KUB brought up a question about a picnic this year. Various suggestions, same location as last year, last sunday in August, swap table, auction, transmitter hunt, bring your own chow and refreshments, drawing for door prizes, registration fee of \$1.00 per family to cover expenses.

Motion by Ed Zent W7KUB that we have a picnic. Second by Hal Carlson K7MSL. Carried.

Secretary to check with City Clerk to reserve Community house for August 27 with August 20 as alternate date.

Haskell Cohen K7DSK will check with Hogue radio on some surplus merchandise.

Secretary to contact Lou Springer W7YWW about managing the transmitter hunt.

Suggestions about keys, paid up members only,

All members should be thoroughly checked out on rig before getting a key. This subject is tabled for the present.

Meeting adjourned at 2120.

Harvey Robertson W7HRM donated a pair of 6146 tubes, Hal Carlson donated an Eldico Antennascope, a National NB40L tank and some misc items.

\*\* 18 AUGUST 1961 \*\*

Attendance 15.

Meeting opened at 2010.

Minutes of previous meeting read and approved.

Bills: Harvey Robertson W7HRM \$30.00 for receiver. Dale Electric \$63.00 for wiring. Pioneer Printing \$2.50. Some question about this bill, to be checked before paying. Mentioned by Dick Martin W7BLW that this may be to cover cost of a special zero made up for Harold Kirlin K7HKD. Motion by Lou Springer W7YWW that bill be paid if this was correct. Second by Harvey Robertson W7HRM. Carried.

No contact with RAPSCO by Harvey Robertson W7HRM, Maybe Jim Krebs W7TPS will be able to get a word in down there soon.

Lou Springer volunteered a Knight VFO with suggestion that a oower amplifier be added to it for exciter. Decision on this is awaiting word on Bill McCracken W7QPV's exciter.

City Civil Defense has recently acquired a 5 KW Onan power unit to be installed in basement of old terminal building.

Haskell Cohen K7DSK has received donations from Hogue Radio for the club picnic.

Lou Springer W7YWW wants to talk to anyone for suggestions on arranging the transmitter hunt.

Laramie club has date set for picnic at Veedauwoo on same day as our picnic.

Some discussion on splitting of club and rumors of descension among local hams. It is the opinion of the group that there is no descension.

Wally Cramond K7AUI attended MARS conference at Kansas City and reported that SAC MARS is for military only and that Continental Air Command would take civilians. He also reported that a new Air Force Communications Service is being adopted and Air Force MARS will be transfered to this.

The Divan was picked up from the quanset hut.

Lou Springer W7YWW reported that the engine of the clubs power plant will still run but needs a new carburator. The shellac on the windings of the alternator still appears to

be in good condition. Haskell Cohen K7DSK has an old engine which may have a carburator that will work.

Meeting adjourned at 2113 and turned over to Len Slater W7MWS for program.

\*\* 2 NOVEMBER 1961 \*\*

Meeting opened at 2017.

ARRL bulletin No. 821 read concerning DX list.

ARRL bulletin No. 822 read announcing ARRL sweepsstakes on November 11 thru 13 and 18 thru 20.

Mentioned by Dick Martin W7BLW that SHY-WY club placed 87th in line for Field Day with 265 contacts and 1740 points over Casper's 251 contacts and 1506 points.

Some discussion concerning next years Field day, suggestion that we use battery power and operate low power for high multiplier.

Civil Defense asked Dick Martin W7BLW if we would give one hour instruction to Girl Scouts. It was decided by the group we would show the Telephone Company film "Seconds for Survival and give a demonstration on 2 meters. The 2 meter participants to meet at the shack at 2:30 Sunday.

Concerning the Viking I, in Bill McCracken W7QPV procession: If the club can use the Viking and wants to repair it, it is available for club use provided suitable settlement can be made with RAPSCO. Motion by Harvey Robertson W7HRM that we accept use of the Viking and repair same for club use, contingent to settlement between RAPSCO and Bill McCracken W7QPV. Seconded by Ed Zent W7KUB. Carried.

It was decided that a survey should be made to determine cost of TVI'ing also question of changing final tube to a pair of 6146's.

Meeting adjourned at 2115.

\*\* 17 NOVEMBER 1961 \*\*

Attendance 12

Meeting opened at 2012.

Minutes of previous meeting read and approved. ARRL Bulletin No.823 read concerning third party traffic with Bolivia.

ARRL Bulletin No 824 read concerning Project Oscar.

ARRL membership letter read.

Radio to Dick Martin W7BLW from Don Martin who wishes to have meeting between SHY-WY club and High Plains club to draw up plans for RACES net on 2 Meters. Frank Wolf W7EUZ to take care of getting together 2 Meter operators for this meeting.

Frank Wolf W7EUZ says the club's generator is still in operating condition. Lou Springer W7YWW has a carburetor spotted for the engine and Dick Martin W7BLW has the control box so maybe someday we will have a power plant again.

Harold Kirlin K7HKD would like to see the club have a 2 meter rig for the club station. All present seemed to be in favor of such a project.

Harold Kirlin asked club's opinion of setting up experimental 6 meter link to Casper thru Scottsbluff and was given go ahead.

Lou Springer W7YWW reported some BCI complaints but no one was able to give any calls. One TVI complaint in Sun Valley, caused by overmodulation and cured.

Reported by Harvey Robertson W7HRM that the club has the use of the Viking I and that there should be no trouble with TVI'ing it. It has been left to Harvey Robertson W7HRM and Ed Zent W7KUB as to where and when to work on the job.

At the next meeting we will discuss procuring parts needed to construct the club's 2 meter rig.

Meeting adjourned at 2122 and films were shown.

\*\* 7 DECEMBER 1961 \*\*

Meeting opened at 2012 by Ed Zent W7KUB.

Nothing has been done yet on TVI'ing the Viking.

For the club's 2 meter rig, the following components have been located. 832's, 832 sockets, 2E26's, 12AT7's, 6J6's. No immediate action for construction.

Harold Kirlin K7HKD, Frank Wolf W7EUZ and Lou Springer W7YWW met with Don Wright to set up local RACES net. The High Plains club was not represented at this meeting. Harold Kirlin K7HKD was appointed as Radio Officer and Frank Wolf as Assistant Radio Officer. The local RACES frequency was decided as 145.35 on 2 meters and 50.58 on 6 meters.



ARRL Buletin No. 826 was read concerning additional frequencies on the 160 meter band.

One TVI complaint reported in Homestead Addition, Source of this trouble has not yet been determined.

Power plant engine not yet operational, still in need of carburator.

Meeting adjourned at 2044 following films.

\*\* 12 DECEMBER 1961 \*\*

OSCAR 1 satellite launched and working. Operating on 144.983 MHz with a power output of 100+ milliwatts. Apogee of 275 miles and perigee of 150 miles.it makes an orbit in approximately 92 minutes. Doppler shift approx. 6.5 KC. It has been received at distances of 1400 miles and has a 40 db above noise signal when passing overhead. Orbital information is being broadcast by W1AW and by Voice of America on 4 VOA frequencies.

( NOTE:The average attendance in the spring seemed to be near 20. The average attendance in the summer and fall months seemed to be down to about 12. A lot of time and effort was spent during 1961 on Civil Defense and getting equipment into useable condition. Most of the Civil Defense effort was by civilian hams as most of the military hams were on alert a lot during this time. Jim W7NE )

\*\* Early 1960's \*\*

NOTES from Hal DeBacco W7YJG (now KA7USG) Harold Kirlin K7HKD was a major driving force for VHF in Cheyenne. He Had a kilowatt amplifier on 2 and 6 meters. The 6 meter band did not do very well due mostly to the channel 2 TV. It was used during some of the Field Days and worked well as the Field Day station was out of town and did not cause TVI. There were no repeaters at this time and equipment used by Hams was usually AM. Harold Kirlin K7HKD and Hal DeBacco approached the three hospitals about their communications needs. They agreed to to buy antennas and Heathkit twoers. The Heathkits were assembled by Harold Kirlin K7HKD, Hal DeBacco W7YJG and Lou Springer W7YWW. Harold Kirlin K7HKD was net control, the De Paul Hospital station was operated by Evelyn DeBacco W7YWY, the Memorial Hospital station by Hal DeBacco W7YJG and the V A Hospital by Glen Blackburn K7NQX.

This Civil Defense Net met twice a month then went to a weekly schedule. A total of 36 Halo 2 meter antennas were built by Harold Kirlin, Hal DeBacco and Lou Springer W7YWW and were given to club members who had heathkit Twoers. They were attached to the rain gutters of cars. At this time there were very few commercially built 2

meter radios. The Heathkit Twoer was about the only 2 meter transceiver that was available at a reasonable price. The Gonset and Clegg etc were relatively expensive. The Heathkit Twoer was shaped like a large lunch box and was crystal controlled.

There were 4 hams working with KFBC Radio and TV and 1 with KVWO AM and FM, 2 with Mountain Bell, 2 with the FAA, at least 1 with the Highway dept radio repair and a number of others worked with various electronics programs at the base.

\*\*\*\*\* YEAR 1962 \*\*\*\*\*

\*\* 1 MAY 1962 \*\*

The annual Corporation report forms were received. The annual report was sent in shortly there after.

\*\* 24 JUNE 1962 \*\*

Field day produced 12 pages of FD logs. The club station K7AYF operated on the following bands: 80, 40, 20, 15 and 6 meters. There was some SSB operation and the 6 meter band had a very busy day with several sheets of contacts. There were over 150 contacts on 6 meters. Most of these were in southern California. The rest were in Washington, Oregon, Texas, Arkansas and Louisiana.

The club station K7AYF/7 ran 30 watts and received 3153 points.

Some misc receipts, cards etc are the only other information available at this time.

\*\* YEAR 1963 \*\*

No club meeting minutes have been located.

Notes from Hal Debacco W7YJG. Indicates that the club assisted during the distribution of the Salk Polio Vaccine. The net control station was located at the KFBC Channel 5 tower. Pine Bluffs was able to get more vaccine delivered by the Highway Patrol. Harold Kirlin K7HKD operated the Net control station at the TV tower, Glenn Blackburn K7NWX operated from Pine Bluffs and Hal Debacco W7YJG operated from Cheyenne.

\*\* YEAR 1964 \*\*

No club meeting minutes have been located.

Notes from Hal DeBacco W7YJG. Early Moon bounce operations were conducted from the KFBC Channel 5 TV tower area. Most of the time the antennas were stacked 2 meter antennas with a 1 Kilowatt amplifier. The antennas were pointed at the horizon and as the Moon came up it was manually tracked by one person while another operated the radio equipment. Some very large antennas made of wire mesh were also tested.

\*\*\* YEAR 1965 thru YEAR 1980 \*\*\* There are no minutes available for these years. There are a few letters and newspaper clippings that I received from individuals. Some of these may be added at a later revision ( if there is one.)

There was a comment that these minutes were water logged when the person who was storing them got his basement full of water during the 1985 flood. They were then thrown out with other wet items. Another comment said that the old paperwork was getting too big and it was decided to trash it.

I am presently trying to get some people to write up what they remember of the club activities during the 1979 tornado and the 1 August 1985 flood. If there are several people writing about them, I should be able to combine their information and get a pretty good version of how club members helped out during these local disasters. If you remember any of the other less dramatic activities, please write them up also.

\*\* SUMMER 1977 \*\*

Notes from Gregg Wood WB7EIN. Club meeting was held at the Issac Walton League clubhouse, with featured speaker Lew McCoy W1ICP arranged by Jack Hayes W7CGK. Those in attendance were Lew McCoy W1ICP, Jack Hayes W7CGK, Aaron Culver WB7EMA and Gregg Wood WB7EIN. I know there were other club members in attendance but my memory fails me at this time.

\*\* Club Meetings \*\*

Club meetings were held during mid to late 1970's at the Laramie County Community College. Held in the board room. Also during this time I (Greg Wood WB7EIN) took a turn as Vice President of the club with Ed Rybicki W7LYF as President. This was sometime during 1977 and 1978.

\*\*\* YEAR 1981 \*\*\*

\*\* 23 JULY 1981 \*\*

The club had a visit from Harry Dannals W2HD, President of ARRL. His visit was part of a 10 day vacation trip thru the Rocky Mountain region. The trip is not an ARRL paid trip but part of his plan to visit all of the states. Wyoming is his 39th state. He hopes to

gain first hand knowledge of problems hams have with the league and concerns about Amateur Radio in general.

He covered many topics in ham radio including the 10, 18, 24 and 900MHz and the returned part of the 160 meter band was covered.

He stated that on the international scene Amateur Radio is in pretty good shape.

The long range planning committee at ARRL has an article on page 50 of the August 1981 QST. They have questions about how you would like to see the ARRL and QST magazine structured.

The ARRL is a registered Lobby Group and lobbies for and against federal legislation for laws effecting Amateur Radio.

The government can do little about the Russian "WOODPECKER". Note: This is an annoying "Woodpecker" sounding signal that is constantly moving up and down frequency in the 20 meter band. It may have been caused by Russian long range radar.

\*\* ?? DECEMBER 1981 \*\*

Jack Hayes W7CGK 2 new Harris transceivers for 04/64. Order parts for new decoder. Going to build new one.

Jack Hayes W7CGK to follow up on ID badges.

Jerry Ireland KB7UC appointed Greg Wood WB7EIN, Frank Bumgarner WB7OFK, and Jack Hayes W7CGK as committee for oversee of ID badges.

No need for 120 ft of RG-8 for remote base. I mentioned review of emergency plan.

\*\*\* YEAR 1982 \*\*\*

\*\* ?? FEBRUARY 1982 \*\*

The 146.88 repeater is still down. Monday it might be fixed.

Dick Wunder WA7WFC had meeting in Casper. 2 Hamfests. Wyo fest during Frontier days. 3rd weekend in July. meadowlark lake.

Wyoming, Idaho, Montana, and Utah) WIMU fest Rocky Mountain Division. at Yellowstone Montana 6, 7 & 8 of Aug.

SAROC at Las Vegas 1,2 & of April.

Mid west (Neb state convention) Kearny Neb. 3rd weekend of March.

Greg Wood WB7EIN RACES county stations about 9 out, still some to go out to other counties.

Greg Wood WB7EIN get group interests to expand radio. Brought up to advertise meetings in trader's and base paper.

Dick Wunder WA7WFC said to have 2 meetings a month. 1 Business and one BS session.

Ron Dertsch KA7JXO appointed for "publicity".

Jack Hayes W7CGK 444-450 MHZ 450 about like 146 but different.

FM thru repeater 449.85 Ft Collins Repeater.

Satellite OSCAR 8 SSB or CW for 2 meters downlink. Dick Wunder WA7WFC 2nd.

\*\* 9 MARCH 1982 \*\*

Meeting called to order at 7:55 PM at the County EOC, as we could not get into the State EOC, by Jerry Ireland KB7UC (Pres.)

9 People present.

Secretary-Treasurer was not present so minutes and Treasurers report not read.

April meeting will be presented by Warren Lufkin W0SII on Antennas and theory. Will also cover May meeting.

Election of Officers will be held at April meeting.

Old Business

146.04/64 repeater is up and operating. The duplexer Cavities need to be cleaned.

New Business

Laramie Peak is on the air.

W8ZR in Florida is looking for Wyoming on 160 meters

Kenwood station is installed and working at County EOC.

Noon luncheon- Numerous people have expressed dissatisfaction with the Bonanza and we discussed where we could meet. All suggestions will be appreciated.

Aaron Culver WB7EMA presented a program on converting CB rigs to 10 meters.

Meeting was adjourned at 9:00 PM

Greg Wood WB7EIN investigating changing meeting to County EOC permanently.

\*\* 15 MARCH 1982 \*\*

Mayor Don Erickson proclaimed the week of March 15 thru 21 as Amateur Radio Week.

Note: On 15 March 1982 the club had been affiliated with the ARRL for 50 years.

\*\* 13 APRIL 1982 \*\*

Election of officers tonight. Nom Pres Morris Ashworth WA7KUE, Vice pres Bob Lewis KA7DKH, Sec Greg Galka KA7IVJ.

Bob Johnson KA7DXK and Bob Dorn KB7SX now on Board of Directors.

Motion KB7SX seconded by Greg Wood WB7EIN for a unanimous ballot.

Next meeting May 11 ARRL Colorado SCM Lys Carey K0PGM also to give club 50 yr affiliation in ARRL.

WARS Sun Apr 18, at state EOC at 1:30 pm

Old Business

147.75/15 Aurora now has "Voice readout". Interesting to listen too.

New Business

147.705/105 multi-mode.

52.5 National calling frequency.

450 area too.

Old Business

28/88 waiting. Remote base has new TX transmitter. 88 getting new repeater by G.E. on peak this summer.

New Business

Frank Bumgarner WB7OKF trustee for 04/64 ???

Warren Lufkin W0SII present program on propagation.

Meeting adjourned 2146

\*\* 14 SEPTEMBER 1982 \*\*

Meeting called to order by Morris Ashworth WA7KUE at the county EOC.

Treasurer's report given by Greg Galke KA7IVF. No cash on hand, \$65.42 in checking and \$226.26 in savings giving us a total of \$291.68

Old business was brought before it's members and the only old business was the case of Ira Powers W7EDX. Ira has been in a wheel chair and has all of his equipment downstairs and needs help to put up antennas, bring the equipment upstairs and hook it all up. Nothing has been done about this yet as Bennie James W7SQT reported. It will be pursued very soon in the near future though.

New Business was then brought before the members.

One complaint was the fact of the operation of the 04/64 machine. The dial tone would come up when being used only for chatting.

Warren Lufkin W0SII mentioned if it would be possible for a short squelch tail on the repeater beings it has none as of now.

Morris Ashworth WA7KUE said the fire dept had donated 5 Motorola and 1 GE mobile transceiver to the radio club. The radio's are rock bound. It was mentioned installing these in the comm van and Greg Wood WB7EIN, was appointed liason on this project.

Dick Wunder, WA7WFC then advised the club on the wilderness act on Laramie peak, location of the 28/88. This act if passed would declare that the Laramie peak become a wilderness area meaning all repeaters would have to be removed from the mountain. If this happens we would lose a wide coverage repeater. Nothing was advised on the status on this though it will be pursued.

At last we finally reached the program which was Warren Lufkin W0SII interesting and extremely informative talk and discussion on antennas and it's associates. Just a few of the topics covered were VSWR, effeciancy of different types of antennas, effects of

VSWR on antennas and topics brought up by members. A special thanks should be given to Warren Lufkin W0SII.

\*\* 12 OCTOBER 1982 \*\*

Called at 1941 hrs.

15 members present, 1 visitor.

Old business

Subject of the comm van and donated radio to be installed.

Jack Hayes W7CGK will pursue problem of 04/64. Sq tail will be installed and also problem of dial tone during use.

New Business

Bob Dorn KB7SX - WARS meeting Oct 17 at Laramie. Would like as many possible to show up.

Work parties for both EOC dept.

GPARA meeting (annual) at Wheatland in Nov. "Buy your own lunch" held at Vimbo's.

Next Saturday will be SET test at 9:00 AM 3923 or 7260.

Presentation; Dick Wunder WA7WFC SCM section Comm Manager discussed ARRL good and bad points. Discussed FCC good and bad points. Reorganization of ARRL

Meeting dismissed at 2204 hrs. Next meeting will be Nov 9 at County EOC at 1930 hrs.

\*\* 9 NOVEMBER 1982 \*\*

Called at 1929 hrs

New Business

SET local for Sweetwater County.

Old Business

Bennie James W7SQT followed up on Powers case. Suggested "Honorary " free membership. Dick Wunder WA7WFC moved and 2nd by Glen Blackburn K7NQX.



Majority vote. Committee appointed for "Honorary Membership", Bennie James W7SQT, Glen Blackburn K7NQX.

#### New Business

Bob Dorn KB7SX for nomination from Dick Wunder WA7WFC for Section Manager to be sent to ARRL.

Next Thursday nite for 1.850 MHz at 1900 hrs meeting for 160 meters.

WARS briefing. Give them (Laramie) 1 month to fix repeater, Will be moved to Beacon hill if not fixed to give Cheyenne best coverage.

Tech committee. (Dave Worley WB7WDO and Bob Dorn KB7SX) has to go thru them . No more "any one " fix-it. Does need coverage to south. New pres is Reed Fletcher (Laramie).

Greg Gaulka KA7IVF brought up about new 147.39/99 repeater.

\*\* 14 DECEMBER 1982 \*\*

Meeting called to order at County EOC at 1939 hrs by Morris Ashworth WA7KUE.

Minutes were accepted as read. Dick Wunder moved minutes be accepted, Ron Dertsch KC7QJ 2nd the motion.

#### Old Business

Jack Hayes W7CGK was going to work on the 04/64 machine. He also pointed out that a work party was needed to clean and adjust the duplexers. A squelch tail was going to be installed.

#### New Business

Frank Bumgarner KD7AN ex WB7OFK motioned a committee be appointed to install VHF equipment at the base hospital as well as the other hospitals. Ron Dertsch KC7QJ was appointed committee chairman for this subject.

READ FIRST Ron Dertsch KC7QJ thought of putting VHF equipment at the base hospital as well as the other 3 hospitals.

Frank Bumgarner KD7AN pointed out that there will be a new wide range repeater in Cheyenne. It needs a few more "bits and pieces" and the control link needs work on. The frequency will be 147.105 output, 147.705 input.

New Members Bill Gravel WB0TWE, (Ex President of RMRL) and Fred Greene working on his license.

Meeting adjourned at 2207 hrs.

Treasury report Checking \$40.79 - Cash on Hand \$40.00 - Savings \$226.26 - total \$307.05

We now have 37 paid members

\*\*\*\*\* YEAR 1983 \*\*\*\*\*

\*\* 11 JANUARY 1983 \*\*

Meeting called to order at 1937 hrs no 11 Jan 1983 at County EOC by Morris Ashworth WA7KUE

Old Business

The 04/64 machine is off the air for repairs. A squelch tail was going to be installed.

New Business

None at this meeting.

Presentation- Bill McKinsey WB3DNL gave an excellent talk on contesting. Times, bands set-up of equipment, angle of radiation of antennas etc. was also discussed. Special logs were discussed and QSL cards were part of the topic.

Meeting closed at 2238 hrs.

\*\* 8 FEBRUARY 1983 \*\*

Old Business

Powers to be at AFB for radios at hospital has been accepted. Radio would be donated by Ron Dertsch KC7QJ and antenna would be donated by ??????? Man power required to install this equipment.

New Business

Walt Rothenhoeffler asked if any spare parts be lying around to donate to CAP.

Morris Ashworth WA7KUE asked for appointing a nominating committee for upcoming nominations. Ron Dertsch KC7QJ, Greg Wood WB7EIN , Bennie James W7SQT is nominating committee.

\*\* 8 MARCH 1983 \*\*

1932 Called to order

Old Business

Concern of old 04/64 repeater.

Jack Hayes W7CGK Recommending (?) \$20.00 for xtals or we keep xtals.

Newcastle to have pt (?) on loan.

New Business

Field Day - Warren Lufkin W0SII, Bill McKinsey WB3DNL , Ron Dertsch KC7QJ on Committee.

Pres Morris Ashworth WA7KUE V Pres Bob Lewis WB7T Sect Frank Pascarelli KA7DXK

Motion Jack Hayes W7CGK Bennie James W7SQT 2nd

Appointing for audit of books.

WYMU (WIMU) August 5-7 at Jackson Wyo. Virginian motel.

Ron Dertsch KC7QJ, Bob Brumbaugh WB7RSM, Jim Faulkenberry N5DZZ and Frank Pascarelli KA7DXK for planning on summer picnic and party.

2018 meeting adjourned.

\*\* 19 APRIL 1983 \*\*

Meeting call to order 7:37 PM

Old Business

04/64 has been picked up. Crystal have not been sent back or paid for. Newcastle is using 04/64.

Dick Wunder WA7WFC reporting on audit on money. one dollar extra. Set up new book keeping system.

Motion on audit report. Jim Best N7CLV .Haskell Cohen K7DSK made motion. Vote on motion audit report. all excepted ???

(The line that belongs here is not readable)

Cash on hand \$7.00

Bob Lewis KA7DKH family picnic first week in June.

New Business

Frank Bumgarner said about exercise April 29 2 pm Test for communications People

Check (next three words unreadable).

Frank Bumgarner pass out assignments for communications on County and State. Laramie Search and Rescue plan drawn EOC.

Jack Hayes W7CGK said needs new antenna for County EOC. Dave Guille will supply money for parts.

Need help for repairing antenna. Jack Hayes W7CGK has list for repairs for antenna. Interference on 04/64 repeater.

Jack Hayes W7CGK suggest turn off telephone patch. Move 04/64 south of town on tower.

Dick Wunder WA7WFC motion new site - unhook autopatch on 04/64. Jack Hayes W7CGK seconded motion. Until resolve problem. Club voted on removing 04/64 autopatch.

Moving 04/64 south on Denver hill or Rocky Mountain Bank.

Adjourn for 8:20 PM for break start 8:35

Jack Hayes W7CGK discusses TRVO systems. three parts- Describe sat. reception, current cost. meeting closed 9:42 PM

\*\* 9 MAY 1983 \*\*

Minutes have been located -- Need help on them.

\*\* 23 JUNE 1983 \*\*

The Laramie County Recreation, Planning and Advisory board granted the club permission to use the Clear Creek Park for field day on 25 & 26 June.

\*\* 11 OCTOBER 1983 \*\*

Minutes have been located -- Need help on them.

\*\* NOVEMBER 1983 \*\*

Frank Bumgarner KD7AN Wants cabinet from old 04/64 if it is junked out at Ron Dertsch KC7QJ house.

June deadline date.

Club affiliated with ARRL- 51 percent membership.

Program on Oscilloscope, Frequency Counter 12-13-83.

On Talk

Bob ????? will call Greg Wood WB7EIN on renewing Civil Defense ID cards.

Frank Bumgarner KD7AN motioned for \$15.00 to Dick Wunder WA7WFC for Space Shuttle co-ordinates disk for Commodore 64. Second by Bennie James W7SQT. Frank Bumgarner KD7AN check.

Wayne Smith from the FAA - Gave a talk on the FAA.

\*\* SEPT, OCT, NOV and DEC 1983 PROGRAMS (From Newsletter) \*\*

Tuesday, September 13 Place: Warren AFB Museum. Warren Lufkin W0SII will host a guided tour of the Base Museum. The Base Museum is located in building 210 just west of the Base Exchange.

A sampling of exhibits are various period rooms depicting life from 1862. Also included are historical exhibits of uniforms, pictures and other interesting memorabilia. Steve Cochrane KA7AWS will be at the Main Base gate from 7:00 to 7:30 PM to assist in gaining entrance to the base.

Tuesday, October 11: Bill McCas K0RZ from Boulder will present us with a very informative and timely talk explaining how to QSO via satellite. AMSAT- OSCAR- 10 what it is, how to track it and type of station needed for adequate 2 way communications. The Russian Communications satellite and the W5LFL space flight will also be discussed.

Tuesday, November 8: Wayne Smith, Chief Controller, FAA, Cheyenne air traffic control and communications. Wayne will discuss the basic concepts of air traffic control and communications necessary to maintain order in the airways. Topics include equipment used for air control, modes and frequencies allocated, emergency procedures and personnel requirements.

Tuesday , December 13: Frank Pascarelli KA7DXK on Oscilloscopes and Frequency Counters. Frank's occupation is repairing TV's, VCR's and Computers. He will discuss the use of Oscilloscopes and Frequency Counters to trouble shoot and align radios and other electronic equipment. Also included are comments concerning quality and price of test equipment necessary for the ham shack. A Commodore 64 will be used as a waveform and voltage source.

\*\*\* YEAR 1984 \*\*\*

\*\* ?? 1984 \*\*

(Note from Jim W7NE.) Local Volunteer Examiner program starts. First session held by Jim Garrison W7NE, Ed Leckman AB7X and Tony Olinger AC7W. The only other Extra class at this time was Harold "Bud" Roberts W7HCA, who was not available for the test session.

In 1993 when this "history" was being written up, there are at least 28 Extra class hams in Cheyenne. The availability of the local test session and an slightly easier or no-code requirement has help boost the ham population. It still takes a lot of personal effort to become a ham but a 4 hour drive to Denver and back to take the test is no longer required.

\*\* 10 JANUARY 1984 \*\*

Minutes have been located -- Need help on them.

\*\* JANUARY 1984 PROGRAM (from Newsletter )\*\*

Dick Wunder WA7WFC "Annual ARRL Night". It's time to be brought current on recent policies and happenings within the ARRL. Topics will include the new ruling by the FCC that allows Volunteers to administer Amateur Radio license exams.

Is the new leadership expected to bring about any changes in ARRL policy --- After the untimely death of ARRL president Vic Clark, W4KFC?

\*\* 14 FEBRUARY 1984 \*\*

Meeting called to order at 1934 Hrs.

OLD BUSINESS

None

NEW BUSINESS

President reminded everyone that the club is always looking for ideas for programs for meeting nights. No new ideas.

President - need a nominating committee for club officers. Greg Galka KA7IVF and Bob Brumbaugh WB7RSM were chosen for nominating committee.

Auctioned equipment donated by Haskell Cohen K7DSK. All proceeds going to the club. Business meeting adjourned at 1949 Hrs.

\*\* 13 MARCH 1984 \*\*

Write Haskell Cohen K7DSK a letter of thanks for money that his equipment brought to the club.

New Business

Bob Johnson wants to give a talk on packet radio, maybe VHS tape on talk in a few weeks. May or June.

Suggest routine procedure for radio and room, Emergency weather routines, Bob Lewis WB7T suggests second Tuesday in May on radio.

State EOC Greg Galka KA7IVF suggest with radio in EOC in June or July.

ARRL film catalog on films list. No catalog was issued, just a list.

Station set up at Mall for public service, as a club project.

Radio watch program- radio equipment to report fires , other emergency activities.

Greg Galka KA7IVF - Cable company call 145.750 audio on channel. 145.250 squelch on. Cable company will look into the problem. Suggests sending 50 separate letters to company. Write letters to FCC. Greg Galka KA7IVF will draft a letter for guide for those interested parties.

Election for new officers. President- Bob Lewis WB7T, Vice President Frank Pascarelli KA7DXK, Sec/Treas Bob Johnson KA7DXJ

Jim Garrison W7NE will give talk on home brewing ham equipment.

8:51

Close at 10:20 PM

\*\* 13 APRIL 1984 \*\*

Club president Bob Lewis KA7DKH sent a letter of thanks to the OWL Inn for the lunch meetings that were held there. The club had moved the lunch meeting to another location.

\*\* 7-9 SEPTEMBER \*\*

High Plains Roundup Swapfest, Door prizes, Transmitter hunt, Technical diosplays of Packet Radio and TVRO, Food and Music.

\*\* 18 SEPTEMBER 1984 \*\*

(From Newspaper article) Dr Sam Zuckerman W7FT passed away Tuesday. Sam had been a Ham radio operator for more than 60 years. Sam was a devoted CW operator and was believed to have been able to copy 50 WPM. He had a license issued by the Commerce Dept in 1916 which required 5 WPM. With the kind of equipment in use at that time, 5 WPM was pretty fast code. After the vacuum tube came into use, the code was much easier to send or copy. Sam graduated from the University of Colorado Medical School. He moved to Cheyenne in 1925 after being an intern in Denver and Chicago. ( NOTE from Jim W7NE ) Jack Hayes W7CGK believed Sam Zuckerman W7FT to be one of the original members of the Cheyenne Radio League which was renamed to the SHY-WY Radio Club some time between 1932 and 1941.



\*\* Date ??? 1984 \*\*

A Novice class was conducted by the club.

\*\* 13 NOVEMBER 1984 \*\*

17 present at meeting

Meeting called to order 7:35 PM

Novice class- Article in Trader. Need volunteers for teaching. Discussion on examinations.

Raising money from raffle.

Discussion on Autopatch 04-64. Improvement of antenna and autopatch.

Repeater needs call sign 04-64.

28-68 State - Jack Hayes W7CGK meeting to determine resource to participate in Search and Rescue.

\*\* 7 DECEMBER 1984 \*\*

Letters were sent out to several business place in an effort to get donations that could be raffled off in a fund raising effort. The proceeds are to be used to help update the club repeater.

\*\* 11 DECEMBER 1984 \*\*

Meeting called to order at 7:35 PM by Bob Lewis KA7DKH, President.

Novice class 20 to 30 people have signed up showing interest in class- Which was broadcast over radio and in Traders.

Discussion to who would teach class- volunteers as follows: Ralph Sims W7COK and Lois Sims W7COJ, Bob Smith WA1UZD, Morris Ashworth WA7KUE, Frank Pascarelli KA7DXK and Bob Johnson KA7DXJ.

It was discussed as to what literature to use: Tune in the World was favored.

Meeting adjourned at 8:40 PM at which time we had our Christmas party.

\*\*\*\*\* YEAR 1985 \*\*\*\*\* The Year of the Flood.

\*\* JANUARY 1985 Newsletter \*\*

Bob Johnson KA7DXJ and Frank Pascarelli KA7DXK will be conducting Novice classes.

As of this writing three of our members have agreed, tentatively to act as volunteer examiners for giving tests for Technician and higher . They are Jim Garrison W7NE, Ed Leckman AB7X and Bud Roberts W7HLA. Hopefully the first test cycle will be either in May or June 1985.

Bob Beebe has retired as director of the National Weather Service in Cheyenne. He was very supportive of the Amateur Radio community over the years. We wish him a very pleasurable and enjoyable retirement.

\*\* 8 JANUARY 1985 \*\*

Meeting called to order at 7:45 PM

Novice class

Display at Mall. Antenna on tower- Auto Patch working

Dale Putnam WC7S - 37.20 KFBC 3rd harmonic 70-72 db at 35 db down.

Field Day.

\*\* 12 FEBRUARY 1985 \*\*

Open 7:45 pm

Display at Mall 2 March 1985. Old and new display.

Mall Committee; Aaron Culver WB7EMA, Bev Weisenbach KA7QHL, Jon Weisenbach KA7QHK, Bennie James W7SQT, Doug Troxel WB7BVT, Tom Lee WA7WYW (Check on tables) and Jim Garrison W7NE.

Message center

Raffle- New VCR

Price of ticket

Two different raffles a dollar each. 1- VCR 1- Waterbed and Lamps.

Interference on 2 meters by law enforcement.

Field Day-- CW - Voice -- separation several stations.

Election of Officers

Nomination Committee- Arron Culver WB7EMA, Dick Wunder WA7WFC, Steve Cochran WA7H.

Dues increase.

Bev Weisenbach KA7QHL motion of increase dues to \$5.00. 2nd by Tom Lee WA7WYW. Withdrawn.

Bev Weisenbach KA7QHL made a motion to amend section VIII of BY-LAWS to increase membership dues to total of \$5.00 per year and Tom Lee WA7WYW seconded motion. 10 for 1 opposed.

Meeting adjourned at 9:10 PM

\*\* 12 MARCH 1985 \*\*

Meeting called to order at 9:00 PM

SHY-WY Radio Club ARRL membership # 1583.

Boy Scout Camp okeyed for 1985 Field Day.

Old Business:

Mall display and raffle.

\*\* 9 APRIL 1985 \*\*

There are 2 sets of minutes for this date. They say about the same thing but with a lot of difference in writing style.

+++++ HERE IS THE FIRST SET OF MINUTES +++++

Antenna of Morris Ashworth WA7KUE - Dale Putnam WC7S will get with him.

04-64 Static no workable Auto Patch.

Need letter to Dick Wunder WA7WFC to have Colorado put a notch on the 04-64 repeater in Colorado.

County for 50% letter County Civil Defense.

82 W7NE

Wyoming Hamfest help from all clubs in Wyoming.

Next Meeting

Donations for Wyoming Hamfest. Warren Lufkin W0SII 10, Tom Lee WA7WYW 10, Dick Wunder WA7WFC 5, Bob Johnson KA7DXJ 5, Tony Oliger AC7W 5, Bennie James W7SQT 5, Bob C 1, Morris Ashworth WA7KUE 1.

Proposal to Civil Defense Dale Putnam WC7S.

Technical committee will approve the proposal that will be presented to Civil Defense. Two (?) proposed.

1. Spec on Auto Patch. Frank Bumgarner KD7AN
2. All equipment on site less repeater. Warren Lufkin W0SII.

Technical committee Frank Bumgarner KD7AN, Dick Wunder WA7WFC, Dale Putnam WC7S, Steve Cochrane WA7H and Morris Ashworth WA7KUE.

+++++ HERE IS THE SECOND SET OF MINUTES. +++++

Meeting was called to order at 7:30 PM by Bob Johnson KA7DXJ club sec/treas.

The first order of business was election of officers.

Dick Wunder WA7WFC nominated Bob Lewis KA7DHK for President and it was seconded by Steve Cochrane KA7AWS. Bennie James W7SQT moved that nomination be closed and it was seconded by Tom Lee WA7WYW and Bob Lewis KA7DKH was voted in with no one opposing.

Tom Lee WA7WYW nominated Steve Cochrane KA7AWS for Vice President and it was seconded by Dick Wunder WA7WFC. Morris Ashworth WA7KUE made a motion that

nominations be ceased and it was seconded by Dale Putnam WA0LJR. Steve Cochrane KA7AWS was voted in and no one was opposed.

Dick Wunder WA7WFC nominated Bob Johnson KA7DXJ for secretary-Treasurer and it was seconded by Frank Bumgarner KD7AN. Aaron Culver WB7EMA moved that nominations be closed and was seconded by Bennie James W7SQT. Bob Johnson KA7DXJ was voted in with no one opposing.

Tom Lee WA7WYW made a motion that an Unanimous vote be cast for all nominee elected. Motion was seconded by Morris Ashworth WA7KUE and motion carried with no one opposed.

#### Field Day Discussion

Antenna-- Antenna donated by Morris Ashworth WA7KUE needs repair-- Dale Putnam WA0LJR will get with Morris to see about repair.

Repeater-- The 04-64 machine has static and the Auto Patch is not working. The Colorado 04-64 repeater is getting into the 04-64 repeater here in Cheyenne. It was suggested that a letter be written to Dick Wunder WA7WFC the Wyoming Frequency Coordinator to have Colorado put a notch on their 04-64 machine to the north.

County Civil Defense Director suggested we write a letter to Civil Defense and they would go 50% on repeater equipment.

A Technical Committee was elected. They consist of Dale Putnam WA0LRJ, Frank Bumgarner KD7AN, Dick Wunder WA7WFC, Steve Cochrane KA7AWS and Morris Ashworth WA7KUE.

The object of the technical committee is to make a proposal to be presented to Civil Defense for update of the 04-64 repeater equipment. Frank Bumgarner KD7AN proposed these two objectives. 1. Specifications on Auto Patch. 2. All equipment on site less repeater. Motion was seconded by Warren Lufkin W0SII and motion carried by all members present.

Dick Wunder brought to our attention that the Wyoming Hamfest will be in Douglas, Wyoming July 12 thru 14 and that they are seeking donation from all Wyoming clubs to purchase gift for drawing. A donation of forty-two dollars was collected which was above that donated by the SHY-WY Amateur Radio Club.

146.22/82 repeater call is W7NE.

Meeting was adjourned at 9:15 PM for donuts and coffee.

\*\* 14 MAY 1985 \*\*

The club was make a big effort to raise money for the new Repeater we need at 04-64. Several proposals have been made to Civil Defense Agencies. A Raffle was held some where around this time to raise money directly for the project. Some of the donated prizes were A Water bed, Lighting set and a VCR.

\*\* 1 AUGUST 1985 \*\*

The flood hit Cheyenne. The 911 center was flooded. Some of the club members spent many hours providing emergency communications. We came thru with flying colors. We made a lot of points with many people who were not aware of our capabilities before. To all of you -- A JOB WELL DONE.

\*\* 23 AUGUST 1985 \*\*

The club had raised \$1,000.00 and the Wyoming CD had provide a \$1,300.00 towards the new repeater. A request was made to the Laramie County CD for help in the amount of \$1,217.45 to finish out the amount needed for the new repeater.

NOTE: The repeater is a Spectrum Communications Corp. model SCR2000X and the new repeater frequencies are Rec 146.775 and Trans 146.175 . The repeater has an auto-patch. This should be a lot of help during an emergency as well as a service to club members. The call sign is W7NE.

\*\* 7 OCTOBER 1985 \*\*

A letter was received from US dept of Commerce, NOAA, National Weather Service by Wilson Sellner, WB7RRZ informing him that they were presenting him with the National Weather Service Special Service Award for his efforts during the 1 Aug 85 flood.

\*\* 22 OCTOBER 1985 \*\*

A letter was received by Wilson Sellner, WB7RRZ from the NWA (National Weather Association) informing him that he had been selected to receive their Award of Excellence plaque.

Note: Channel 5 TV covered Wilson Sellner WB7RRZ receiving the plaque from Mr William Parker of the National Weather Service.

Note: Cheyenne Amateurs have had an operating weather spotters group for a number of years and did a good job when the flood happened.

\*\*\* YEAR 1986 \*\*\*

\*\* 4 JANUARY 1986 \*\*

The WARS organization transferred 2 Harris 2 meter transceivers to the Shy-WY radio club. This equipment was being used by SHY-WY as a repeater.

\*\* FEBRUARY 1985 NEWSLETTER \*\*

The program for the months of Feb, March and April are:

The February club meeting will be held this Monday Feb 10 at 7:30 PM at the new Laramie County Civil Defense Agency, which is located in the basement of the old Mountain Bell building (now the office of the Cheyenne Police Department).

Mr Dave Guille, Director of the Civil Defense Office, will be the guest speaker and will conduct a tour of the new facility.

The March meeting will I assume be held at the State EOC office. The March meeting is important because it is time to elect new officers. A nominating committee has been established for this purpose. If you would like to "run" for a club office contact one of the following persons. Bob Lewis KA7DKH, Fred Dumire KA2PFX or Jim Garrison W7NE.

The April Meeting will be an evening of training for those that wish to get involved with the Severe Weather program. The meeting will begin at 7:30 PM at the National Weather Service. This will be a good refresher course for those of us who have been involved.

\*\* 1 APRIL 1986 \*\*

The Laramie County EMA proposed a training session to help avoid duplication of efforts etc.

\*\* 7-8-9 SEPTEMBER 1986 \*\*

The High Plains Ham Roundup was held at the Yellow pine campgrounds in the Medicine Bow National Forest.

\*\*\*\*\* YEAR 1987 \*\*\*\*\*

\*\* 13 JANUARY 1987 \*\*

Our club in charge of HY-Plains. WA0RXJ's Colonial girl quilt door prize is ready. Need tickets ordered for raffle. Send quilt to Jim Garrison W7NE and have him take pictures. Bob Lewis KE7QT -- tickets for raffle - W0BIL

3000 tickets -- \$1/ticket.

Sunday morning net-- change license eligibility to cover all hams not just generals. maybe talk to Jack Hayes W7CGK.

Printing machine is available to club. If we have a place to store it. Paper will have to be purchases.

What type of exercise should we have? Dale Putnam WC7S 3 or 4 times a year.

\*\* 10 MARCH 1987 \*\*

Treasurer's report - \$ 499.11 as of 31 December 1986.

Nominating committee report by Steve Cochrane WA7H, Aaron Culver WA7EMA and Morris Ashworth WA7KUE.

Round up to be concerned with the new officers.

Audit committee \_ Carl Dierks WA7LDX, Morris Ashworth WA7KUE and Darren Mainwaring WA7ZXL.Dale Putnam WC7S

April 14 spotters class 7:30 tuesday tentative --

Motion Bob Lewis KE7QT second by Ralph Bartels NC7O to have meeting at 7:00 at NWS. Carried.

Steve Cochrane WA7H -- Repeater interference to police radio. Business should not be held on repeater.

- 1.possibly send a form letter or verbal reprimand.
2. Technical committee to look at this if instructed by new officers.
3. New technical committee to determine changes



\*\* ?? APRIL 1987 \*\*

Election of officers. President - Bob Lewis KE7QT , Steve Cochrane WA7H (winner)  
Vice - Tom Lee WA7WYW Treasurer - Carl Dierks WA7LDX. Motion made Morris  
Ashworth WA7KUE, second by Dale Putnam WC7S. Steve Cochrane, WA7H president  
by Tom Lee WA7WYW, Morris Ashworth WA7KUE. Bob Lewis KE7QT, president by  
Tom Lee WA7WYW, Second by Steve Cochrane WA7H.

Motion to cease nominations by Tom Lee WA7WYW 2nd by Ralph Bartel NC7O.  
Motion carried.

Motion to destroy the ballots. 2nd by Bob Gibbons N7IGI.

New technical committee \_ Steve Cochrane WA7H, Morris Ashworth WA7KUE, Dale  
Putnam WC7S, Frank Bumgarner WB7OFK, Dick Wunder WA7WFC.

Motion by Ralph Bartel NC7O, second by Bob Lewis KE7QT. Motion Carried.

\*\* 28 MARCH 1987 \*\*

Audit of March 28, 1987. Books were found to be in good order.

\*\* 12 MAY 1987 \*\*

Treasurer's report \$544.11 (? Checking) 110.00 cash on hand.

Last meeting at National Weather Service. Tornado and severe storm spotter training.

Field Day - Tom Lee WA7WYW. Need Novice rig. Carl Dierks WA7LDX will loan R4-  
T4x.

Need shelter\_ No tents available. ?? provides report.

Yellow Pines -- High Plains roundup Committee Jim Garrison W7NE, Bob Lewis  
KE7QT Reserve tent

\$60.00. Tickets for raffles, Red Jones has one type. Carl Dierks WA7LDX to get tickets  
and see Dale Putnam WC7S for address.

Motion to repay Steve Cochrane WA7H by Tom Lee for postage on newsletter Apr.  
Motion made and passed. Wrote check for \$33.00.

Dale Putnam brought up about operating at Frontier Days by ham club operators. ???  
Tentative plans will look.

\*\* ?? JUNE 1987 \*\*

Field day- Emergency communications action, June. Tom Lee, WA7WYW committee was formed chairman Tom Lee WA7WYW. Ralph Bartel NC7O, Steve Cochran WA7H, Tom Dehoff WA7MAL, Fred Dumire N7JPR, Bob Lewis KE7QT, Scott Mainwaring KB7AZI.

Yellow Pine meeting --To be same time of year or push for it.

President will appoint committee for the project. Jim Garrison W7NE and Bob Lewis WB7T.

\*\* ?? JUNE 1987 \*\*

Field day pictures taken by Bob Fredrick N7JYH. The raising and lowering of the 6 element beam was pretty amazing. It was a very large antenna but the field day crew put it up AND got it back down without any trouble.

\*\* 14 JULY 1987 \*\*

Tom Lee WA7WYW read minutes of last meeting.

Treasurer's report. \$702.10 checking, \$55 on hand.

Bob Lewis WB7T gave report on High Plains Roundup, Bulletins printed. Prize will be gift certificate with Miley's Radio Store. Tickets \$1 ea 6 for \$5. Hats with logo's will cost approx \$3.00.

Will need someone to set up tent. Will need firewood. Checking on entertainment?  
Another tent- Red working on something with Guard?

August meeting we will finalize High Plains Roundup.assign jobs.

Dale Putnam WC7S to set up county radio van at Frontier park, Location, Front midway, Indian village or museum.

RFI problem in trailer park Dale Putnam WC7S and Tom DeHoff WA7MAL working on this.

HI-Plains club is taking hamfest next year (1988) Cheyenne will probably be tapped for 1989.

Ham License plate copy of license + \$30.00 (for next 5 Years) go to NW corner of Hershler bldg see lady named Dee for all classes.

Frontier Days Parade - White shirt, blue jeans, and cowboy boots by 0800 check in at stature in front of capitol. Parade Marshals must establish escape route at each intersection.

Dick Wunder WA7WFC -- Reactivating QCWA in Wyoming.

Steve Cochrane WA7H is Section Manager for ARRL.

2 films on fishing were shown.

\*\* 8 SEPTEMBER 1987 \*\*

High Plains Roundup at Yellow Pine campground Off Happy Jack road.

Club hardline offer to buy for \$140 unanimous vote in favor. Club needs new EPROM for repeater telephone numbers cost \$140 Vote in favor unanimous.

Dave ????? suggested old extra parts and gear of club members be pooled and sold to junk yard. Tabled this month.

Has repeater preamp been repaired or replaced. Club repeater needs new antenna. Do we ? suggest that tech committee look at this.

QSL cards for club for Frontier Days.

LCCC FA148 19 Sept 0900 exams.

Treasurer's report savings 383.31 checking 274.29 Purchasing supplies for novice class approx \$150 -- Voted on and approved.

Last minute plans for High Plains Roundup tent, signs, lights, etc. Tent at Cheyenne Tent and Awning. Dale Putnam WC7S and Bob ????? take care of Beer and Pop.

\*\* 13 OCTOBER 1987 \*\*

Short meeting Adjourned to telephone building for ARRL film viewing.

\*\* 10 NOVEMBER 1987 \*\*

Motion made and carried to select an Awards committee. Dale Putnam, WC7S, Wilson Selner WB7RRZ, Gary Krause N7HTS on committee.

Certificates for Frontier Days this year are supposed to be in the hands of Wilson Selner WB7RRZ and Gary Krause N7HTS. No info yet on if they have been designed and printed.

Centennial Call put in for. Will be WC200S for week before Frontier days. Could not get extension for Frontier Days. ??? Approved

George Smith N7JJY reported on Packet. 3 groups are setting up weather news exchange system for Colo, Wyo and Neb. Particulaly to report severe weather conditions traveling thru.

\*\* 8 DECEMBER 1987 \*\*

4th Tuesday of January 1988 to be work night at old county shop at 19th and Bent.

There is a practice net on 29.495 MHz Monday thru Friday at 2100 Hours.

There is a WARS meeting on 9 January 1988 at LCCC

\*\*\*\*\* YEAR 1988 \*\*\*\*\*

\*\* 12 JANUARY 1988 \*\*

Treasurer's report: \$1314.34 in treasury.

Rubber stamps made for Centennial and Frontier Days QSL's and information stamp for back of cards.

Approval to destroy old bank statements from 1985.

Work date for 4th Tuesday of January at 19th and Bent.

Tools for repair of clearance lights.

7.30 Pr ???

QSL cards for Frontier Days 1987 made up and signed.

Dale Putnam WC7S gave info on club contest operation.

No smoking policy made in club. If anyone has a problem with smoke all he has to do is request no one smoke in his presence at club meeting.

VEC every second Saturday of 3rd month. January, April, July and October.

Quantity order of Call Books 6 or more \$20.00 each.

George Smith N7JJY working nights. Steve Cochrane WA7H is taking the 2 Meter net temporarily.

Meeting adjourned at 2005 Hrs

Mr Lopez from IRS gave a talk.

\*\* 9 FEBRUARY 1988 \*\*

Pres Steve Cochrane WA7H called to order 7:30 PM.

Members present 19.

Old business-

Dayton OH Hamvention.

Club report to ARRL.

Steve Cochrane WA7H urged us to join ARRL for benefit of all hams. Represent members. Protect bands and secure new bands. Carl Dierks WA7LQX application for ARRL.

Kerney Neb March 12-13 convention.

Laramie March 19 10AM KS7Q - VEC.

Cheyenne sec sat April 9 VEC LCCC

Air Force MARS- base support team work to be done, need volunteers

Bob Harrington ( Now AA7TB) visitor - working on his license.

Call book orders - by Dale Putnam WC7S. Club to pay for books and those who want ( one ) to pay club.

4th Tues of Feb ( 2-28-88 ) 7:00P garage Bent 18th work night.

Awards Committee State- City- Jackalope award.

Signs for Frontier Days trailer.

Repeater Tech committee did not meet but will soon.

New business Elections

Committee for nominations.

Club competition ? let Dale Putnam WC7S know.

Club Organization review by Steve Cochrane WA7H.

Antenna height case in Boulder need \$\$ max 35 Ft. Dale Putnam WC7S moved we send \$100.00 for support of antenna case. seconded by Tom Dehoff WA7MAL Passed - one desenting vote.

Fund raising project proposed by Dale Putnam WC7S. Figure out what we want by next meeting.

\*\* 8 MARCH 1988 \*\*

16 Present.

Minutes of last meeting read.

Dave Guile (LCEMA) offered club new antenna for repeater. Will be installed ASAP. Need new coax yet. Offer of 2 rooms in old county shop building for club room. Requires \$10.00 per club member for light and heat fund per year. Motion on accepting tabled until April.

Motion made to require 25% of total membership for quoram on any proposals. Passed unanimous.

Appoint nonimating committee for new officers next month (April). Tom Lee WA7WYW, Morris Ashworth WA7KUE, and Fred Dumire N7JPR.

New member Mike Magee WA5DGI.

\*\* 12 APRIL 1988 \*\*

23 members present.

Minutes of last meeting read.

Amended to include Fred Dumire N7JPR on nominating committee.

Discussion on club facilities -

Discussion by Wilson Sellner WB7RRZ on funding. Dale Putnam WC7S brought up associate membership at reduced fees. Motion made to end discussion and sec???? made by Dale Putnam WC7S to withdraw.

Motion to tie dues to accepting club facilities.

Motion made by Bob Lewis WB7T to accept club facilities Fred Dumire N7JPR Passed unanimous.

Tom Lee WA7WYW made motion to ammend sect VIII of BY LAWS to raise dues to \$15.00 from \$5.00. Seconded by Bob Lewis WB7T. Open for discussion. 22 for - 1 opposed - motion carried.

Bob Lewis WB7T contacted Boy Scouts.

We can have Boy Scout area on Happy Jack again for summer ham meet.

Morris Ashworth WA7KUE measured coax needs for repeater. 144 ft needed Plus connectors. Morris Ashworth WA7KUE offered lighting arrested he owns.

Election held. Pres Dale Putnam WC7S (unopposed), VP Ralph Bartels NC7O and Buzz Davis KA7WKL , Treas Carl Dierks WA7LDX (unopposed) Ralph Bartels NC7O elected VP.

Wilson Sellner WB7RRZ 7 pm National Weather Service 26 April.

Special events- Govenner will be appearing at Frontier Days radio operation.

14 April 1000 to 1200 hrs Races statewide 3923 KHz. No check-in unless called.

19 and 20 May Primary days statewide Emergency Mgt Operation.

Wyoming state games-- Bob Lewis WB7T is following up on Amateur help ( from Capitol to Laramie. escort torch) need more info.

Tues 19 Apr 7 pm have desks from PD to ham club.

\*\* 10 MAY 1988 \*\*

The meeting was called to order by President Dale Putnam WC7S at 7:36 PM.

Dale Putnam WC7S suggested a motion to ban smoking from this meeting, seconded, carried.

The minutes were read from the previous meeting, a motion made to accept them as read. The motion was seconded and was carried.

There followed discussion on the different committees needed. They are: 1. Security, 2. House, 3. Newsletter, 4. Contest and Awards.

Appointed to the committees were:

Security Steve Cochrane WA7H (Chairman) Ralph Bartel NC7O, Tom Lee WA7WYW, Bob Lewis WB7T, and Tom DeHoff WA7MAL.

House Committee: Mike More N7JZW, Fred Dumire N7JPR, Jim Best N7CLV, Bob Johnson KA7DXJ, Carl Dierks WA7LDX and Bob Fredricks N7JYH. This committee needs to appoint a Chairman.

Newsletter Committee: Tom DeHoff WA7MAL, Wilson Sellner WB7RRZ (Chairman), Bennie James W7SQT, and Bob Fredricks N7JYH.

Contests(Field Day) committee: Tom Lee WA7WYW, Ralph Bartels NC7O, Bob Lewis WB7T, Bob Fredricks N7JYH, Steve Cochrane WA7H and George Smith N7JJY.

Aards committee: Wilson Sellner WB7RRZ (Chairman), Gary Krause N7HTS, Mike More N7JZW.

Several announcements were made regarding swap meets etc. This recorder did not get them written down.

Old Business

Bob Lewis WB7T updated the parade list for Frontier Days.

Ralph Sims W7COK announced our club VE testing will take place at the Wyoming Hamfest in Laramie on July 9, 1988

New Business

A letter from Jim Hassler WB7TRQ was passed around, talked about and tabled. This was in regards to not smoking at club meetings or in operating positions.



It was decided by consensus that from now on the Newsletters will go only to paid up club members. The mailing list will also include people who support the club. RE: County EOC, National Weather Service etc.

A motion was made that one member of a family would be a club member, others in the family would pay \$5.00 per year. The motion was seconded. Discussion followed. A motion was made to refer this to the EXC. committee. seconded and carried.

A motion was made to elect Tom Lee WA7WYW and Fred Dumire N7JPR to the Board of Directors. Was seconded and was carried.

The Board of Directors will meet next month at 6:30 PM before the regular club meeting.

There is a work night on May 17, 1988 at 7:00 PM.

Meeting was adjourned at about 9:30 PM

Respectfully submitted by Ralph Bartels NC7O Temp Secretary.

\*\* ?? JUNE 1988 \*\*

The club operated regular and Novice field day stations.

\*\* ?? JULY 1988 \*\*

9-10 July The Wyoming Hamfest was held in Laramie.

\*\* 12 JULY 1988 \*\*

Tom Lee WA7WYW gave report on field day. Good op. Some delay during day due to electrical storm.

Steve Cochrane WA7H gave security report. Keys now available for members.

Awards and contests report.

Frontier Days committee - Sked on bulletin board.

04/64 repeater up not coordinated frequency. 147.105/705 available but no time at present to retune duplexer.

Fred Dumire N7JPR Special board meeting with ARC and Boy Scouts, held 11 July. Agreement was made with all concerned about use of keys and a sign out log to cover who accessed the building. Please turn out all lights close and lock appropriate doors.

Club RFI problems - We need some public relations.

New Business -

1989 Hamfest in Cheyenne. Laramie meeting had only 1 room.

Nominations for committee chairman. Steve Cochrane WA7H and Dick Wunder WA7WFC volunteered. Discussion of days available. Check with Miley Radio Store about dates.

Autopatch telephone codes. 11 - NWS Pri, 12 - NWS Sec, 13 - WHD dispatch, 14 - State emerg (EOC), 15 - State non emerg (EOC), 16 - Co EMA office (Dave), 17 - County switchboard, 18 - C0-city health, 19 - County EOC operation rm, 20 - City offices, 21 - Police non-emerg, 22 - 911 non emerg, 23 - 911 emerg.

Haskell Cohen K7DSK - contact for Frontier Days parade comm. committee.

Work day Saturday NW corner of park.

Window Air Conditioner available. Color TV available with remote VHF only.

Night for meeting on VHF (???) ?

Sunday 22/82 net.

**\*\* 9 AUGUST 1988 \*\***

Read candidate solitation for RM Director by L A Eichel K2NA Boulder.

Tom Lee WA7WYW gave Field Day report, everything ready except photos.

Tech committee 04/64 will be moved to 105/705. Possible move of 775 machine? Need to move because of spurious emissions from Holiday Inn radio site. Need location to cover area, phone line etc.

Hamfest Committee - Miley Radio Stores only available 8 and 9 needs room and tables which he doesn't have to move out Sat afternoon or evening.

Fest approved for July 8 and 9. Meeting closed 2047. Fred Dumire N7JPR check Hitching post. Dale - check Holiday. Carl - check Rodeway.

Frank - 04/64 down returned to 105/705. Duplexer somewhat returned.

Rumor that ARC is moving out. We can have facility when they go. No heat but Dave Guille (LCEMA) says there is a gas heater we can use. Room needs cleaning up. clean out dirt and dust. No committee on payment for building.

Monthly bulletin. George Smith N7JJY - Posted bulletin on losing bottom 2 MHz of 220 has gone commercial.

All the codes are the same on 775 only the phone numbers have changed.

\*\* SEPTEMBER 1988 newsletter is available \*\*

\*\* 13 SEPTEMBER 1988 \*\*

Club received Special Service Club manual from ARRL. Much good info. Will be available for all members after move to ground floor. German ham wants 3.5MHz Wyoming contact.

Discussion on the Boulder antenna problem. Motion made to support the upcoming court appeal by the club as we can afford. Made by Steve Cochrane WA7H. Seconded by Bob Johnson KA7DXJ. Motion - every member write a check to be sent by the club. The club will donate \$50 at this time. The monies to be sent to the Amateur Radio legal defense fund. Passed (100%) in Boulder.

Awards Committee 570 contacts. Need about 300 cards at 9 cent each \$27.00 Motion Steve Cochrane WA7H to purchase cards. Bob Fredrichs N7JYH seconded.

Motion to print certificate WC7S (Frontier Days operation) 225 certificates needed. Pony Express gave best offer. \$75.00 Carl Dierks WA7LDX made motion to approve, Steve Cochrane WA7H seconded.

Work day will be needed to handle certificate and card mailing. This is in the future as they are not printed yet.

Security - Steve Cochrane WA7H When we move we have a key problem. Check on putting combo lock on gate with their lock. Possible change of deadbolt from front to back door. Steve Cochrane WA7H and George Smith N7JJY will check.

Bob Johnson KA7DXJ and Mike More N7JZW house committee. Check on cleaning floor of new club area. Work day Tuesday 20 September.

Repeater committee - 175/775 machine committee met and decided to first write a letter requesting assistance in clearing up the interference. If there is no response, a copy of the letter will be sent to FCC for possible action on their part.

Dick Wunder WA7WFC, Need to get Hamfest on the road or get out now.

Bob Johnson KA7DXJ took prizes, Fred Dumire N7JPR took registration, Facilities Dale Putnam WC7S, Mike More N7JZW, Carl Dierks WA7LDX Finance, Bennie James W7SQT Co-chairman, Bob Fredricks N7JYH Co-chairman registration Program - George Smith N7JJY, Co-chairman Bob Harrington N7LOB.

Question brought up about Rocky Mountain Division Hamfest along with state fest. Decision made to go ahead with State Hamfest and contact other clubs in state to see if they want to go in with us on the division fest in 1990 if it is feasible. Need to have committee meeting.

General meeting at LCCC after VEC test sat Oct 8.

New members for board of directors. George Smith N7JJY nominated and elected. Tom Lee WA7WYW moved to Colorado.

George Smith N7JJY EOC need current phone book, sheet of sheet metal, 10 amp power supply, telephone.

Discussion on phone RFI.

**\*\* OCTOBER 1988 Newsletter is available \*\***

**\*\* 5 OCTOBER 1988 \*\***

Dale Putnam WC7S made a motion to ban smoking at club meetings. A smoking questionnaire was produced to distribute to local amateurs.

Appointments were made for the Awards, Security, Field Day and News letter committees.

**\*\* 8 NOVEMBER 1988 \*\***

Members moved and approved suspension of reading minutes of last meeting.

Treas report read and approved.

Repeater now on Transmit and Receive antennas, working ok.

No Roberts Rules so far.

Digipeater- now cooking before installation.

"Ace"Jensen N3AHA offered to be local rep for QSL bureau mailing.

Next test session 2nd Sat of Jan 89.

Pound 21 invalid number "Don't Use".

No takers on club operated contests.

Discussion again about club news letter cost. Frank Bumgarner KD7AN said he would check about coming in under RACES for printing.

Interference prevents using 28/88 with hand helds. Frank Bumgarner KD7AN looking for better control site.

31/91 Douglas working.

Tuesday 15 Nov. work night 7 pm. Need meeting of entire group of committees for state convention. Many problems, site etc.

Motion to suspend rest of meeting 2020 hrs.

Received check for state hamfest seed money \$1428.39 ( deposited same )

\*\* 13 DECEMBER 1988 \*\*

Meeting called to order 1930 hrs. Members voted to dispense with minutes of last meeting.

Treas report read and approved.

Dale Putnam WC7S gave brief report on upcoming state hamfest. We have Holiday Inn rooms.

Frank Bumgarner KD7AN brought up need for IDer for .705 repeater. Club voted max of \$60 to purchase. Also .775 is noisy will check to see what problem is. Have possibility of moving .775 to senior citizen Hi rise building.

14 Jan 1989 LCCC 0900 VEC test Room TBA.

George Smith N7JJY would like radio club room for WARS meeting 21 Jan 89 1 PM.

Mike More N7JZW has located taffy candy for sale. We could take consignment for hamfest.

Dale Putnam WC7S passed out registration cards for ARES membership. Will include ID card. Frank Bumgarner KD7AN will check about using state camera for ID pictures.

Bob Fredrich N7JYH suggested George Smith N7JJY work up a format for ARES net thurs night 1900 146.775.

Dale Putnam WC7S gave presentation on DX and Contest operation.

\*\*\*\*\* YEAR 1989 \*\*\*\*\*

\*\* 10 JANUARY 1989 \*\*

Secretary-Treasurer read minutes of the December meeting and the Treasurers report.

New IDer in will be installed in 146.175/775 on Burke bldg (Sen Citizens home 22nd and O'Neil ). When this is done 105/705 will be moved to old 775 tower. Phone patch costs will belong to club.

All state equipment used by amateurs has been accounted for on inventory. Frank Bumgarner KD7AN thanks everyone for this.

Hamfest meeting 7 PM Thursday night 12 Jan. We can use any volunteers to come forward. Ralph Bartels NC7O joined also chairman of prize committee. Holiday Inn offered to help get our program together when we get enough info to start.

1989 Callbooks? Possible trade in 1988 books for discounted 89 books. We are looking into this.

\*\* 14 FEB 1989 \*\*

The meeting was called order at 7:37 PM by President Dale Putnam WC7S. He Appointed Ralph Bartel NC7O Temp Sec in the absense of Carl Dierks WA7LDX, who was ill.

The minutes From the last meeting were not read as they were not available, nor was a treasurers report given.

Dale Putnam WC7S suggests members identify and practice using the auto-dialer on the repeater for 911 so one does not make a blooper in a real life situation, in an emergency.

After some discussion a motion was made and seconded that the club treasurer order 15 call books to sell to club members. The motion was carried. Bob Fredricks put his name down for a quantity of one for him.

This ended the formal meeting portion.

Bennie James W7SQT then gave a super presentation on message handling starting with early history. It was very interesting as well as informative.

The meeting was adjourned at 9:00 PM

Respectfully submitted, Ralph E. Bartels NC7O Temp Sec.

\*\* 14 MARCH 1989 \*\*

Discussion of changing election of officers from April to January. After much discussion it was decided to leave election as is.

Apologies made for failure to appoint select board for new officers. Brought up possibly changing Secy/Treas to two positions. After discussion this was rejected as not that much work.

Nomination for board of directors: Dick Wunder WA7WFC nominated and elected.

Nominations open for club officers. Present officers renominated and elected.

K4AAA 7230, 14280, 21370, 28350 +- QRM SSB

\*\* 1 April 1989 \*\*

Celebration of 50th anniversary of establishment of Naval communications. 1300-2100 UTC Special QSL cards SASE not required except for those not in callbook.

Treas report and minutes given.

Reverse autopatch back up on 911 and NWS.

Projected change of repeater frequencies is still on hold while the technical committee is checking out range of interference.

Frank Bumgarner KD7AN and Dale Putnam WC7S gave report on FEMA meeting in Rapid City SD feb 20 and 21. Colo, Mont, NS, SD, Utah and WYO members attended. Each state gave report on how their state handles emerg. comm. Second day amateurs gave their reports on how their operations went. The Federal government has asked what

systems are needed and what funds are needed to complete links through out the state and with adjoining states.

Dick Wunder WA7WFC gave Hamfest committee meeting report.

Letters out to Mfgr's for donations etc. Basic program set. Fliers are now being designed.

\*\* 11 APRIL 1989 \*\*

Reading of minuted suspended.

Treas report read and approved.

FIELD DAY Site set aside for SHY-WY. Those staying can park at site.

Those only coming for day park at the outhouse. CD motor home will be ??? (Sentence stopped at this point) Get together last part of April to check out gear. Motor home vehicle set up for CW station. Field day meeting Tuesday 25 April 7:00 PM.

Fed Money for training ops for FEMA must already ??? (sentence stopped at this point)

Carl Dierks WA7LDX brought up idea of locating and purchasing some property in the name of the club and setting up a permanent home for the club. Want consideration and arguments pro and con.

University ARC has program this year.

New operators who join ARRL get free club membership for the year.

Exercise at Jackson. 3 state operation of hams WYO, IDA, MONT. This was to demonstrate emergency capabilities for disaster coverage. 2 meters was excellent. Some bad areas. HF was the key to the operation 40 meters was best.

Cheyenne will have a disaster test in the future. We need to get a good program formulated.

Salvation Army is interested in assistance from Amateurs. Want advice on what help we can give them. ( What is legal).

\*\* 9 May 1989 \*\*

Spotters training class.

Anyone having DX QSL cards bureau contact "ACE" Jensen N7AHA. Call 637-3829 before 9 May.



\*\* 11 JULY 1989 \*\*

Help put antenna on Burke Building Wednesday 12th.

Thursday 13th Work night, help with Antenna and Repeater at 5 PM.

Thursday 20th Set up trailer at Frontier Park, 5 PM on .775.

Wyoming Hamfest - Do it again next year. Casper may do it in 1991 (not ready yet). Only times available is 1st weekend - last weekend June - 3rd weekend August.

Clayton Trosper KA7DNI offered engraved badges for next Hamfest.

\$175.00 earmarked.

4 volunteers 30 July, Sunday at 6:30 AM for 3 KM marathon -- LCCC Rec Center.

Parade Badges 7:00- 7:30 AM at Nellie Taylor Ross Statue for first Saturday parade.

\*\* 12 SEPTEMBER 1989 \*\*

Meeting came to order 7:30 PM. Reading of minutes and Treasurers report dispensed with.

1990 Hamfest planing now is a must. Dick Wunder WA7WFC elected Hamfest Chairman . He will contact the members for chairs and assists.

EOC needs single HF and VHF station with possible second VHF rig with computer.

Voted and passed meetings at 7PM in future.

October- Lecture on Satanic Cult and it's effect on us. November- Highway Patrol. December- Winter survival program.

2nd week of November. Table and VCR in Mall to promote Amateur Radio.

Contract 1990 for Holiday Inn Hamfest 1st weekend in June. Loveland moved their Superfest to the same weekend. Problem now is do we host at increased rates on this date or dispense with the 1990 Hamfest. Holiday wants \$600 for weekend.

Checking into possible use of American Leagion Hall. Will take any offers under consideration for any adequate location.

Don Miller K7TFW of G&F public information officer. gave program on fires in NW Wyoming and use of fires to improve wildlife.

\*\* 10 OCTOBER 1989 \*\*

Holiday Inn deal for Hamfest 8-10 June now a fact, Support this to the utmost.

Idea brought up about adopt a highway and also adopt a school for us to get more hams.

QSL card handling discussed - Losses mailings etc.

Business meeting adjourned 1916

Sgt ?????? guest speaker from PD gave talk on Satanism etc.

\*\* 14 NOVEMBER 1989 \*\*

Minutes of October read and approved. Finance statement.

Bob Harrington N7LOB brought up 10 meter station at Carey Jr High. He offered help from the club. No response yet.

Hamfest meeting Dec 5 at 7PM.

Need operating desk and storage for 911 center. Carl Dierks WA7LDX will check with Dave Guille LCEMA.

Carl Dierks WA7LDX brought up future of club location. Need some action. What do members want.

No automatic refund for QST renewals. Must be handled through the club.

Highway Patrolman Bill Westerfield gave talk on safe winter driving.

\*\* ?? DECEMBER 1989 \*\*

Meeting called to order. Dale Putnam WC7S, Minutes of last meeting dispensed with.

Finance statement read and approved.

ARRL members can renew through club. Bring renewal notice and check made out to club. Treasurer will handle the rest.

Frank Bumgarner KD7AN, said his work load forced him to drop out of 775 repeater management. Also that the club will have to type, copy, staple and label news sheet. State will mail.

Next meeting of state Hamfest committee will be first Tuesday of February ( Tuesday 6th at 7 PM) in basement of the Police Department, everyone welcome, we can use input of all kinds for ideas on the program.

We are losing out happy home at 19th and Bent. Any suggestions as to where to look for a new "permanent" home? Think hard and contact Dale Putnam WC7S, Ralph Bartels NC7O, or Carl Dierks WA7LDX if you come up with something of a good possibility.

Business over at 7:30 PM Guest speaker couldn't show so we had a VCR tape on investments.

\*\*\*\*\* YEAR 1990 \*\*\*\*\*

\*\* 9 JANUARY 1990 \*\*

Meeting called to order 7:20 PM.

Minutes of December meeting and Treasurers report read and approved.

Donate your old callbooks for new up-coming hams.

Need antenna for 911 center. Dipole for 80 meters - limited space. Possible B & W or G5RV. Will check to see if space for second 2 meter antenna.

Discussion on a permanent club Station - At present nothing seems forthcoming.

Suggested by Tom DeHoff WA7MAL, that we set aside \$200 for purchase of antenna for club if none is given us. Moved and passed. Dale Putnam WC7S will order.

\*\* 13 MARCH 1990 \*\*

Club meeting called to order at 1900 hrs.

Questions- Do we run special events station this year at Frontier Days. Vote yes.

Vote to have centennial QSL cards instead of certificate.

Spotters training at weather station 3 April.

Propose SHY-WY ARC form a committee of ex-officers to advise any new officers if and when they have problems.

Nomination committee for new club officers, Fred Dumire N7JPR Chairman.

The amount of dues was brought up. Since we don't have a building, the funds set aside for building fund are in limbo. Dick Wunder WA7WFC made the motion which was seconded and approved by all members to incorporate these funds into the general fund for future repeater operation, repairs, antennas, etc.

\*\* 10 APRIL 1990 \*\*

Meeting called to order 7:10 PM

Minutes read and approved.

Finance report made and approved.

No old business.

Hamfest meeting 17 April 6:30 PM.

Fred Dumire N7JPR election chairman. Sec Treas Carl Dierks WA7LDX, Benny James W7SQT. Benny won (or lost as the case may be) for 1990. Vice- Jim Murph N0ESG (Won vote) Bob Schrader N7NKD. Pres- Steve Cochrane WA7H Elected.

New board of directors- Steve Cochrane WA7H, James Murph N0ESG, Benny James W7SQT, Carl Dierks WA7LDX, and Bob Schrader N7NKD.

Technical Committee- Dale Putnam WC7S, Ralph Bartel NC7O, Dick Wunder WA7WFC, Morris WA7KUE, and George. Smith N7JJY

Field Day Committee - Dale Putnam WC7S and Ralph Bartel NC7O QRP voted in.

Novice class - every Saturday starting 5 May ARP room 109 LCCC.

VEC test 21 April room 108 Construction and Trades Bldg.

Frank Bumgarner KD7AN Picked up excess property radios in Denver for RACES. Club will sign for them.

VHF activities on increase. Frank Bumgarner KD7AN and Dick Wunder WA7WFC working on antenna for 440 MHz.

Hamfest committee invitations printed, mailing labels ordered.

High Plains Roundup weekend after Labor day, at Yellow Pines campground. Colorado group(?) handling this year.

\*\* 8 MAY 1990 \*\*

Meeting convened at 1900 M at Police Dept Club station

Minutes of April meeting read/approved

Financial report read and approved.

New Business

Bob Lewis WB7T requesting help in Frontier Days parade communications.

Committee - Tech report- Dale Putnam WC7S - HT's will be checked for Deviation, Modulation etc.

Wyo Hamfest report by Dale Putnam WC7S help needed.

Appreciation to Carl Dierks WA7LDX for operating tables.

Wilson Sellner WB7RRZ mentioned about Centennial Station operations, operators needed.

Business meeting adjourned at 1940 hrs.

Critique of the Laramie County disaster drill of Saturday May 5th- Started by Steve Cochrane WA7H. Mars ham participation needed for future occurrences. For ham participation received good comments from Dave Guille CTL team evaluator, Bob Lyan P.B.Fire Chief, Ed Sumi WEMA Gen Wing.

Photos taken by WEMA for ID cards use.

Critique terminated at 2045 Z

Red Feather Lakes 146.625

\*\* 12 JUNE 1990 \*\*

Meeting at 1900 hrs. Called by Vice President Jim Murph N0ESG.

Previous months minutes approved as read.

Previous finance report approved as read.

Old Business.

Summary of Hamfest by chairman.

1. Dick Wunder WA7WFC gave committee members recognition and appreciation was expressed. Get list of committee members for recognition final consolidation of Hamfest will be given-

2. VHF local net 145.775 Wednesday Evenings 1930 M for round table.

3. VE results 10 Upgrades 1 new.

4. Dale Putnam WC7S requesting help on Weather net on 3923 Khz

New Business

George Smith N7JJY brought up Packet activity on Digipeater.

Improvements made resulting in better results. Linking and HERC on 444 UHF freq in the wing of CYS area. Funds could be used. Hopefully \$100.00 - Carl Dierks WA7LDX made motion to donate funds from treasury, 2nd by Dick Wunder WA7WFC, Amendment by Dale Putnam WC7S to match commitment by Laramie group.

Possibility of hidden transmitter hunt in future.

Field Day plans brought up by Dale Putnam WC7S- Give try for a record- need operators.

QRP planned, Solar powered rig will be used. List passed around for operators to volunteer.

Adjourned at 1945 M

Followed by checking of HT's courtesy Dale Putnam WC7S for sensitivity, deviation, output etc.

\*\* 10 JULY 1990 \*\*

Meeting called at 1905 by President Steve Cochrane WA7H.

Total present 10

Review of parade instructions by Steve Cochrane WA7H to be held 7/18 Where to meet for all of those helping with setup for Cheyenne Frontier Days.

Old Business- None

New Business- Tom DeHoff WA7MAL brought up possible discussions with Dave Guille LCEMA regarding 911 operators requesting too much detailed background info on reporting of accidents etc to the 911 center.

Discussion of repeater usage by non-paying members. (fone patch, etc)

Steve Cochrane WA7H Gave info reference different state Neb, Mostly HF usage- also VHF.

Adjourned at 1935 M

\*\* 14 AUGUST 1990 \*\*

Meeting of SHY-WY ARC Aug 14 th called to order by Steve Cochrane WA7H, club President at 1905 M

Steve Cochrane WA7H gave a report on the 1990 WIMU convention that was held in Jackson,WY, in attendance approximately 420 and hosted by the Idaho group. WIMU of 1991 scheduled to be hosted by Wyoming and WA7H volunteered to chair the event and help will be needed by the Cheyenne club as well as others in the state. Hopefully the date conflict of WIMU and the state hamfest can be avoided.

Minutes of the preceeding meeting and financial report were read and approved.

Financial statement: checking \$629.10, savings \$1,718.45

#### OLD BUSINESS

Steve Cochrane WA7H reported he had discussed with Dave Guille LCEMA regarding the cooperation of the 911 personnel with club members reports radioed to them.

Newsletter or club bulletin in need of an editor, volunteers requested.

Shauna Richards N7NGT of Rock Springs recently picked as receiving the Hiram Percy Maxim award, reportly being not a ARRL member. Motion made and approved, for SHY-WY club to pay her membership in ARRL. Later information indicates she was a member of ARRL at the time of selection.

#### NEW BUSINESS

Jim Murph N0ESG is preparing a "help package" to be distributed to new and old members, to cover several areas in hamming. Such as etiquette and procedures in 2 meter communications, access to phone patch etc.

Two 10' poles or masts with coupler needed for improvement of 2 meter repeater operation.

Field Day results for the club showed 487 phone QSO's stations, and 504 CW QSO's with 70 stations.

A letter to Dave Guille LCEMA thanking him for the availability of city-county communications equipment was written by Ralph Bartel NC7O.

The special events station effort, headed by Jim Murph N0ESG did a fine job at the park during Frontier Days.

President Steve Cochrane WA7H again reviewed the needs for 1991 WIMU, stressing for help to get the affair going.

George Smith N7JJY discussed the need of some type of identifying members of club when involved in emergency or public service functions, such as arm bands, caps, jackets etc.

George Smith N7JJY also advised that the HERC system expected to be fully operational thru out the state by later part of August.

The suggestion made by George Smith N7JJY for club members to purchase UHF gear for use in the HERC program.( further discussion later in this mater)

Dale Putnam WC7S advised of upcoming contest activities on the bands and encouraged members to become involved.

No further business items to be discussed so meeting was adjourned at 2000 M

\*\* ?? SEPTEMBER 1990 \*\*

Jim Murph N0ESG called the meeting to order at 1900 M.

10 club members were present.

Minutes and financial report of the August meeting were read and approved.

Financial statement: Checking \$646.10, savings \$1,718.45



## Old Business

Darwin Mainwaring WA7ZXL said that members of the county fire district had asked him to determine if any recognition or award had been given by the county E.M.A.

Work on the 775 repeater and antenna at the Burke Hi Rise very difficult to schedule as access to site hard to obtain from housing agency.

## New Business

Dale Putnam WC7S mentioned that some of the upcoming contests for those interested and would like to see club participation, especially those sponsored by ARRL.

Newly upgraded - George Anderson N7PLJ.

Fred Dumire N7JPR reported on the recent fox hunt that was held with the Boulder club near Fort Collins. Fred was this years winner of the fun event and thereby designated being the "fox" for the 1991 contest.

Meeting adjourned at 2000 M

\*\* 9 OCTOBER 1990 \*\*

Jim Murph N0ESG called the meeting to order at 1900 M.

11 members and visitors were present.

Minutes and financial report of September were read and approved.

Financial statement: \$31.20 paid out of checking for previously ordered QSL cards for special Events station. Deposited \$30.00 dues received from Tom Lee WA7WYW and Jim Headstream KE5NQ (new member), balance checking \$644.90, balance of savings account \$1,718.45

## Old Business:

Jim Murph N0ESG advised that a letter has been received regarding access to the repeater site. That coordination with the housing agency must be obtained. Hopefully at the next meeting more information will be on hand.

Jim Murph N0ESG also advised that at his home QTH, he has a private patch to be used primarily for emergencies. Accessed by the zero and cleared by the # key.

VEC testing scheduled at LCCC, 10/27. Contact person is Gary Krause N7HTS.

New Business:

Reminder of the VHF net, Wednesday evening on the 146.775 repeater. All hams welcome.

Visitors: Frank Feeler studying for Novice, also introduced were Jim Meadows KB7LLO, John Noonan N7OZW, Jesse Ohlsson KE7EQ, and Ken Rathbone N7PFX.

Club station operating status reviewed, HF antennas not available at present.

Meeting adjourned at 1930 M.

\*\* 13 NOVEMBER 1990 \*\*

Steve Cochran WA7H called the meeting to order at 1905 Mountain time with 21 members and guest present.

Minutes and financial report of October were read and approved.

Old business

Introduction of attending hams.

Fred Dumire N7JPR, Advised a certificate from NWAS for the year 1988, on hand at QTH, and be brought to the club station.

The weekly VHF net on 146.775 Wednesday to be discontinued.

The HERC system discussed and reviewed.

Help for the NCS of the Wyoming Weather net is welcomed.

New Business

Meeting of the Technical Committee, earlier, had recommended to try changing the ROM chip to see if restoration of 775 repeater functions could result. Alternately the backup repeater should be installed as soon as a site arranged.

Jim Murph N0ESG made the motion to have an open account to use not to exceed \$300.00 to be available for expenses to use toward repeater repair etc - Motion 2nd by Dale Putnam WC7S.

Dale Putnam WC7S reminded all of the ARRL Sweepstakes contest during the month.

Jim Murph N0ESG advised the December meeting will be co-ordinated with LCEMA for a tour of the facility.

Steve Cochrane WA7H chairman of the 1991 WIMU convention in Jackson, discussed the need of help for different committees, such as Regulatory, Program, Swap tables, Prizes etc.

WIMU will be on 1st weedend of August (3&4). Bob Johnson agreed to work on Prizes under conditions of the club following a NO SMOKING rule for future club meetings.

A short program furnished by Bennie James W7SQT on National Traffic System, Traffic handling etc.

Motion for adjournment at 1935 Mountain.

\*\* 11 DECEMBER 1990 \*\*

Steve Cochrane WA7H called the meeting to order at 1905 M December 11th with 20 members present.

Minutes and financial report of the November meeting were read and approved.

Financial report: Checking \$711.90 and savings \$1718.45

Old Business:

Introduction of attending hams. Steve Cochrane WA7H advised that the 146.775 repeater still not working as expected, but a few more ideas were planned. It is hoped that the 147.105 repeater will be operating within a week or two.

New Business:

A brief description of the WARS group was given by Steve Cochrane WA7H and all users of the system were encouraged to become paid members.

A meeting of WARS is scheduled for January 19th at LCCC at 1300 M, all are invited. On the agenda will be a discussion of the HERC system.

Dale Putnam WC7S gave a brief report on his November contest activities. Good work Dale.

Dale Putnam WC7S repeated the need for additional volunteers for the Wyoming weather net.

Steve Cochrane WA7H also mentioned need for help with the other state nets.

Bob Schrader N7NKD gave a report on the club's help with the state's emergency exercise of last May. A certificate of appreciation was presented to the club, and individual participants.

Tom DeHoff WA7MAL mentioned about the "poor operating" practices on 14.313 SSB heard by himself and others, recently. This discussion brought up a warning by Steve Cochrane WA7H of our club members to be careful in some of their transmissions on the area VHF repeaters.

Jim Murph N0ESG asked if there was enough interest by club members to hear re-broadcasts of space shuttle transmissions, he would attempt to record same.

Scheduled nights program for Emergency Management personnel was cancelled but will be rescheduled at a later date.

January program, hopefully, presented by National Weather Service covering climatology.

Dale Putnam WC7S is planning on gathering material to be forwarded to ARRL for the upcoming publication on RFI.

Meeting adjourned at 1950 M

\*\*\*\*\* YEAR 1991 \*\*\*\*\*

\*\* 8 JANUARY 1991 \*\*

1900 - Meeting called to order.

Minutes and finance statements read and approved.

147.105 repeater in operation. 146.775 down microprocessor out. Dale Putnam WC7S will get parts and try repairing the repeater.

Carl Dierks WA7LDX has parts to set up new antenna for 147.105. When assembled will contact members for help install. Watch yourself (be careful) when you work on tower.

Steve Cochrane WA7H and Mac McDonald WB7K (Laramie) are candidates for State Section Manager (SCM). Choose your candidate.

Old Business

Dale Putnam WC7S has Emergency Management manuals for members.

New Business

VE testing on 19 January prior to WARS meeting.

Name for newsletter suggested by Carl Dierks WA7LDX "OFF THE BEAM" Discussed and voted in.

John Noonan KG7LE, wife just had surgery, send card.

Check 15 and 20 for China and other ????

ARES-RACES on HERC net on 146.82 7PM Sundays

HERC/WARS financing problem will be discussed at 19 June WARS meeting.

Election of officers in April, think about candidates.

Fort Collins, Loveland, Boulder repeaters are coded 100 HZ 1\* to bring up 0\* to drop.

Sunday swap net on 3923 approx 0830 local time. Maybe a little earlier. Denver swap shop 94 repeater.

Need alternate weather net operator at 6 AM in Cheyenne.

The man who was going to get ARES/RACES jackets for us is in Arabia. Tom DeHoff WA7MAL volunteered to try to get this program going again.

Adjourned 1955 Hrs

17 members present.

\*\* ?? FEBRUARY 1991 \*\*

Meeting called to order at 1905 by Steve Cochrane WA7H with 20 members and visitors present. Introduction of all.

Minutes and financial report for January read and approved.

Financial report: checking account \$707.75 and savings \$1,759.84

Old Business;

Carl Dierks WA7LDX reported on antenna work by himself, Jim Murph N0ESG and Don Breazile N7MYR at the 147.105 site. They were unable to get the coax hung due to worsening of the weather, and it will be attempted with better weather conditions.

The 146.775 repeater still not fully operating fully on account of chip problems and less expensive replacement being researched by Carl Dierks WA7LDX. Power supply regulation apparently being the culprit for past failures.

Help is greatly needed by Steve Cochrane WA7H for our hosting of the WIMU convention in Jackson. Contact Steve Cochrane WA7H if you can help.

New Business:

Dale Putnam WC7S restated the December 11th changes in FCC regulations that U S Amateurs will not be forced off the air with war declarations, however Hams must obey any FCC restrictions. ARRL station W1AW will keep current info.

Dale Putnam WC7S also mentioned that some packet Transmissions contain advertising that border on commercialism so beware. Another area to use caution in is to pass along any news media information that may have been heard on MARS or foreign broadcast frequencies.

If interested in becoming a MARS member please contact Steve Cochrane WA7H for info on AF MARS or Dale Putnam WC7S on Navy MARS.

Dale Putnam WC7S noted that the FCC will relocate the Novice portion of the 80 meter band to 3675-3725 KHz from the previous 3700-3750 KHz frequencies, this to be made March 16th. Also a reminder of the 200W PEP limit on all novice bands except 10 meters.

Jim Murph N0ESG has information that the County E M A will be donating an IBM compatible PC to our club. It is also hoped the agency may provide another TNC and related gear.

Weather permitting we will try and put up an HF antenna at the club site, and it was suggested that a vertical might be more practical.

A report was given by Joe DeAnglis N2FDV relating his personal experience with a TVI/RFI problem and it's solution. Joe DeAnglis N2FDV also advised he soon will be leaving our midst and will be likely in the N J area. He leaves with regrets and best wishes from the club.

Plans made to start a new Novice class and a motion made by Carl Dierks WA7LDX to provide funds for obtaining ARRL publications for Novice and higher class of license. Motion approved and passed.

Jim Murph N0ESG reported on the January meeting of WARS, and advised a WARS newsletter would be issued soon.

Jim Murph N0ESG also reported on listening to the MIR satellite on 145.55 . Interested parties may contact Jim Murph N0ESG for further information.

Nominating committee for officers for new year Dale Putnam WC7S, Jim Murph N0ESG and Bennie James W7SQT.

\*\* ?? MARCH 1991 \*\*

Meeting called to order at 1905 M.

19 members and visitors were present.

Announced that new classes beginning Wednesday April 3rd at 1900 M at club location for codeless technician license will be conducted by Bob Schrader N7NKD and Bob Lee WA7WYW.

V E testing will be held 3rd Saturday in April (27) contact Gary Krause N7HTS or Bob Gibbons N7IGI for info.

Minutes for February read and approved.

Financial report: checking account \$737.39 and savings \$1759.39.

Old Business:

The 146.775 repeater chips will be installed very shortly. The 147.105 repeater status-new antenna now up and replacement of coax scheduled next. Motion by Jim Murph N0ESG, seconded by Don Breazile N7MYR to purchase a 500 foot roll with club funds. Carl Dierks WA7LDX will order thru A.E.S. also needed for this machine, install ID'er. Jim Murph N0ESG volunteered to take care of this.

Sample Jackets, for club members was shown by Dale Putnam WC7S. A very spirited discussion followed. Regarding style, color. etc. Contact Dale Putnam WC7S or Tom DeHoff WA7MAL if you wish to order.

New Business

Wilson Sellner WB7RRZ presented the following items. 1. Contact him if you are interested in becoming PIO for ARRL. 2. Volunteers in helping with Frontier Day's parades, notify him as quickly as possible. 3. If you can help out with communications for the planned " Welcome Home" celebration for returning Persian Gulf troops, please notify Wilson Sellner WB7RRZ. Exact date not known but could be as early as mid May

or late as early July. 4. The spring "Weather Spotter" program by the Weather Service is planned for April 16, 1900 M at the 911 center.

Communications help needed for April 7th "Cheyenne Walk", contact Haskell Cohen K7DSK for details.

Steve Cochrane WA7H reminded all of the Hamfest to be held in Kearney, Neb, April 22-24. The Wyoming Hamfest May 25-26 in Casper (Casper Hilton). The WIMU to be held in Jackson, WY 1st weekend of August with Wyoming to be the host. Contact Steve Cochrane WA7H if you can help in any manner. The "High Plains Roundup" usually after Labor day still needs to be resolved.

Next club meeting will have election of club officers for the new year.

Congratulations to Steve Cochrane WA7H, who will assume his new duties as Wyoming Section Manager on April 1. Your support, suggestions, etc will be greatly welcomed.

Carl Dierks WA7LDX reminded the club that the ARRL is soliciting funds for the WARC-92 conference. Jim Murph N0ESG made the motion that our club contribute \$50.00 for this purpose with the motion being approved and passed.

Meeting adjourned at 1025 M

\*\* ?? APRIL 1991 \*\*

The meeting was called to order at 1905 M by Steve Cochrane WA7H, Club President.

The minutes of the previous meeting were read and approved.

The financial report was read and approved. Financial report; Balance in checking \$607.54 and savings \$1,759.84.

Steve Cochran WA7H brought some sample ARRL patches to show regarding color, size, etc. of the ARES patch that will be used on the club jackets. 50 of these patches have been ordered from the ARRL. Steve Cochrane WA7H advised that Dave Guille LCEMA will arrange to secure the RACES patches thru EMA.

All were reminded of the "Weather Spotter" program that will be conducted by National Weather Service personnel at the 911 center on April 16th at 1900 M.

The 146.775 repeater is now operational and was used in connection with the Walkathon recently held. New coax is on hand and awaiting favorable weather for installing at the 147.105 site.



Steve Cochrane WA7H also advised of the operating privileges of the new "code- less /Technician" license class. All concerned with this new class of license, either in instruction, administering exams etc. In addition, operators in special event participation , ie Marathon walks, parades etc, to remember we are acting in a communication capacity only.

At this time , introduction of club members, and guests, was made. 22 were present.

#### Old Business

Jim Murph N0ESG advised that the new ID'er for the 147.105 machine needed to have call letters programmed. After a short discussion agreement was made that the ID would be WA7H.

Jim Murph N0ESG also opened a discussion of possible change of site of the two repeaters, by switching the equipment. Matter tabled and to be reviewed by the technical committee.

A report by Bob Schrader N7NKD that the new class for code-less technician license is off to a good start with approximatel 13 in attendance.

Tom DeHoff WA7MAL reported the club jackets had been ordered and could be expected in 2 weeks or so.

Steve Cochrane WA7H reported that the club now has a computer furnished by EMA to use for club created database, records, property registry and also packet.

Steve Cochrane suggested to the new officers, that the club should work for a greater cooperative effort with EMA as their office had given so much in equipment and help in the growth of our club.

#### New Business:

The nominating committee presented the list of suggested candidates for the election. This was followed by the following being elected: President, Bob Schrader N7NKD, Vice President Don Breazile N7MYR, and Secretary/Treasurer Tom DeHoff WA7MAL.

The two new trustees were nominated unanimously, Jim Murph N0ESG and Steve Cochrane WA7H.

Steve Cochrane WA7H spoke about his enjoying the tenure of being club president and his apperiation for the help of club members. Following his remarks the gavel was turned over to Bob Scrader N7NKD, the new president.

An audit committee was selected by Bob Schrader N7NKD and they were Bruce Edwards N7QIY, Carl Dierks WA7LDX and Bob Ray N7NMY with audit to be performed April 13th.

A motion was made and passed to issue a check in the amount of \$84.77 to Jim Murph N0ESG to pay for having the IDer chip programmed.

Meeting adjourned at 2025 MDST.

\*\* ?? MAY 1991 \*\*

Meeting called to order at 7:05 PM

Jim Murph N0ESG reported that Dale Putnam WC7S has ID'er for 105 machine. Carl Dierks WA7LDX has coax for the 105 machine.

Dick Wunder WA7WFC reported that the newer telephones that are available are real bad for picking up RF and interference. He also stated that the older phones are far better for not picking up RF.

Jim Murph N0ESG ask for help running the special events station at Frontier Days. As of now, he has 2 people signed up to operate. Discussion was made to try and find a better location for the station at Frontier Days.

Tom DeHoff WA7MAL is going to take care of the ARRL reports.

The VE testing will be at the club house (basement Police dept) until further notice. There will be a VE testing on June 12th at 6:00 PM at the club house.

Discussion was made to change the dues structure for the club, if you join the ARRL and the club at the same time. If a person was to join both separate. The cost would be. ARRL \$30.00 and the club \$15.00 for a total of \$45.00 if you join both at the same time. The cost would be \$30.00 ARRL and \$13.00 club for a total of \$43.00. A motion was made by Carl Dierks WA7LDX and second by Jim Murph N0ESG to let this change take place. It was passed.

Bob Schrader N7NKD reminded everyone to be careful about what they say and how they pass traffic at the parades this year. The only way we can pass traffic is as public safety. Not to inform the parade officials as to where the start of the parade is.

Reminder that the Auto Patch is for club members. Do not give out the codes to a non-member. The club pays for the repeater and it's upkeep and we need the members dues to help pay these bills.

Projects that need to be done are.

HF antenna installed at the club house.

Get ready for Field Day in June 22-23. Ken Rathbone KG7KO will be the Field Day coordinator this year.

September 92 we will be the sponsors for the High Plains Roundup.

We need some help to do some building at the club station.

#### OLD BUSINESS

The Novice class is still going and reported as going good. There are 13 people in the class.

#### NEW BUSINESS

Jim Murph N0ESG asks if there is a family plan on club dues. According to the BY-LAWS, the dues are \$15.00 and \$5.00 for the spouse.

We need your name, callsign and SSN for Emergency Management so you can be covered on their insurance. This information will be put into a data base in the computer at the club house.

Motion made and second to purchase the Amateur Radio News Service publication at a rate of \$6.00 for the first year and \$5.00 for the following. Motion carried.

Steve Cochrane gave a report from and about the ARRL.

Adjourned 8:45 PM

\*\* 11 JUNE 1991 \*\*

Meeting was called to order by President Bob Schrader N7NKD.

Minutes and treasurers report accepted. Savings \$1759.84 checking \$639.49

Change in order of meeting was requested of the members. Bob Wilson, Assistant, from Emergency Management Agency gave a presentation discussing various items including weather spotting, EMA operations at Frontier Days. Bob is also looking for volunteers for the July 4th victory celebration.

Committee Reports

Dale Putnam WC7S commented on the repeater use. Wilson Sellner WB7RRZ also reminded everyone of proper net operation during the clubs weather spotting etc.

Tom Lee WA7WYW had no PIA report.

Tom DeHoff WA7MAL had no report on BY-LAWS.

Ken Rathbone KG7KO Field Day assistance needed. Will have some individuals at Camp Jack on Friday night before field day.

Bob Lewis WB7T pass out preliminary maps for Frontier Days parade.

Jim Murph N0ESG indicated that special events station will be located at the same place in Frontier Park.

Introduction of guest: Robert Johnson by Dale Putnam WC7S

Donation of radio equipment including rotor and mast by Mrs Donna Fitch 3517 Reed - Secretary to issue Thank you note.

VE testing dates

Bob Scradler N7NKD has submitted a wish list on items needed by the club to the EMA office.

Jay Schiller N7SEY accepted as new member. Motion made by Tom Lee WA7WYW, 2nd by Ken Rathbone KG7KO motion passed.

Meeting adjourned 8:45

Minutes by Tom DeHoff WA7MAL

\*\* 9 JULY 1991 \*\*

Presentation -- Bill Parker, National Weather Service.

Meeting called to order by President Bob Schrader N7NKD.

Minutes and Treasurers report accepted \$1759.84 savings \$809.49 checking.

Joe Feldman N7IGC Silent Key.

Technical committee-- Repeater has some problems but can be resolved.

PIA --Notice of dismissal of VE testing put in paper for July 13,1991

VE test for August 31 at 9:00 AM.

Novice - Tech class July 31 at 7:00 PM

Parades-- See Bob Wilson for badges --See Haskell Cohen K7DSK, Steve Cochrane

WA7H in Communications van-- Follow regulations concerning transmissions during parade. Public Safety.

Rodeo-- Animal Rights.

Frontier Days -- Steve Cochrane WA7H in Communications van at breakfast. Jim Murph NOESG trailer will be present at pavillion.

Club Historian - Bob Schrader N7NKD looking for one - Wilson Sellner WB7RRZ volunteered.

Gift or donation Bruce Edwards N7QIY donated flashlight.

Field Day report-- Ken Rathbone KG7KO + Tom Lee WA7WYW

New Business

New member John Heller N7NVD moved and seconded. approved.

Tom Lee WA7WYW -- Get rid of beams. Motion by Tom Lee WA7WYW, Second by Tom DeHoff WA7MAL --Motion withdrawn--Carried (????)

Steve Cochrane WA7H Motion to place trailer at new site. Second by Jim Murph NOESG motion carried.

Meeting adjourned -- 9:04 PM

List of VE testing dates. August 31, 1991, October 19, 1991, January 18, 1992, April 18, 1992.

\*\* 13 AUGUST 1991 \*\*

Meeting called to order by Don Breazile N7MYR.

Minutes and Treasurer report read \$947.49 checking, \$1798.33 Savings.

Minutes and treasurer reports accepted. Committee to determine if we should get CD.

Repeater report- 147.105 working well, 146.775 working good Jim Murph N0ESG.

Bob Fredricks N7JYH moved get parts for access to repeater. WA7H Steve Cochrane  
2nd. Motion carried.

Welcome Randy Schein N7QDI as quest to meeting.

VE testing August 31, 1991

HF beam to be placed at Iron Mountain site.

New Business

Don Breazile N7MYR comments on Frontier Days, Outsiders are pleased with our  
operation.

Emergency Management had approval. Wilson 250 QSO's from van at park.

Report by WA7H Steve Cochrane. WUMI to be held at Park City, Utah. 200 persons  
preregistered-- Estimate 300-350 persons attended. \$6700+- to be passed on next year.

High Plains Roundup -- 7 and 8th September, Yellow Pine campground. Meeting held  
Sunday will probably vote on location to Hamfest-- be there to vote.

Motion to adjourn 7:45

\*\*\* YEAR 1993 \*\*\*

\*\* 12 JANUARY 1993 \*\*

The meeting was brought to order by our President, Bob Schrader N7NRD at 7:02 pm.

There were 28 members present with five guests.

The minutes were approved as read.

Treasurer's report: Deposit: \$115.07 29.00 Checking:\$419.03 Savings: \$2,327.84 The  
Treasurer's report was approved as read. (Carl Dierks, AA7WQ)

Committee reports:

Technical: Dale Putnam WC7S reported club supporting a link system in the near future.

Fred from Highway Department donated parts to the club. We can decide what we want  
to do with the donation.

RFI: George Anderson N7PLJ, reported one radio interference and now corrected.

PI: Wilson Sellner WB7RRZ, announced VE testing to be on January 23, at 9:00 am. at Wyoming Highway Department. Come in Northwest door of the main building. Cost: \$5.60. Next testing scheduled for April 24.

Historian: Jim Garrison W7NE mentioned he has FCC list available.

CONTEST: Dale Putnam WC7S, reported 10 call signs were turned in and all qualified for two pins and cups. During the sweepstakes, contestants had a clean sweep in so within 30 minutes from shut down of radios. Next Sweepstakes will be in November 93.

ANNOUNCEMENTS: Steve Cochrane WA7H, reminded ARRL members to send in their ballot for Section Manager before February 19.

Wilson Sellner WB7RRZ, stated Parade committee had meeting and decided no more alcoholic beverages in parade during Frontier Days.

Bob Mathews AA7QV reported Dennis Coelho KB70AA sends an apology, he is unable to fulfill Vice-President duties and asks that we look for a replacement.

George Anderson N7PLJ, donated three call books to the club. They are kept on the back table of the club room. They may be used by club members.

Bob Schrader N7NKD, reminded members of April dues.

Doug Dueland N7UVW, thanked Jim Garrison W7NE for his work on the new FCC list.

#### OLD BUSINESS:

Dinner Committee proposed door prizes for the dinner at Avanti's. This was presented to the club. The club discussed the matter and decided to have three door prizes. Bruce Edwards N7QIY, made a motion we have a \$100.00 gift certificate from HRO for the first prize and for the second and third prizes free club membership. It was seconded by Frank Pascarelli KA7DXK. The motion was moved, seconded and carried.

#### NEW BUSINESS:

Dale Putnam WC7S, moved the club allocate \$1000.00 to be used for the development of the link system. Frank Pascarelli KA7DXK seconded the motion. It was moved, Seconded and carried. At this time, the club will purchase three used radios to be revamped.

#### PROGRAM:

This evening the program was given by Roger Burr AA7JQ, on repeaters and some of the outlying area nets. The members enjoyed his information.

The program for February 9, will be given by Doug Dueland N7UVW on link systems.

The meeting was adjourned at 8:14 pm.

#### ATTACHMENT NUMBER 1

LIST OF LOCAL HAMS WHO WERE IN THE OCTOBER 19, 1947 CLUB PHOTO.  
The other people were out of town visitors. (NOTE: There is a template with the photo that identifies most of the people in it.

JOHN ( JACK ) HAYES	W7CGK	still lives in Cheyenne
HAROLD ( BUD ) ROBERTS	W7HLA	still lives in Cheyenne
ERWIN PERCHAL	W9KIH	ukn
FRANK WOLF	W7EUZ	SK
LIZETTE WOLF	W7HDS	SK
RICHARD C HUNTER	W7STB	Salt Lake, Utah
ELMER SNOW	W7JHL	UKN
ELMER SLAUGHTER	W7LSR	UKN
OLLIE FREY	W7BCL	SK
HARVEY (ROBBY) ROBERTSON	W7HRM	SK
ART BLUMENTHAL	W7BAH	UKN
CHUCK DEEMING	W7ICZ	UKN
WILLIAM ( BILL ) NUTT	W7CIB	SK
LES OLSON	W7KTX	UKN
EDMUND WIPF	W7KWS	UKN
CHARLES POWERS	W7EVH	UKN
ED MOLDENHAUER	W7LME	UKN
BEN STRYKER	W7OWZ	UKN

#### ATTACHMENT NUMBER 2

For many years you were required to put in for a different call sign when you moved to a different call area. The calls were re- issued and different people could have had a particular call over a period of several years. When the FCC started issuing WA call signs, they stopped re-issuing the W and K calls. There are a lot of unused W7 and K7 call signs. My old 1X3 call has not been in use for almost 20 years.

If you were an Extra class licensee, it was also possible to put in for a 1x2 call sign after you had been a ham for 25 years. It also had a fee of \$20.00 for the change. Call signs were assigned from the available list. About 1976 the fee for all ham calls was dropped and there was a one time chance to get your choice of the available 1x2 calls. I put in a



short list and got my first choice. Most other people seem to have had good luck with their choices. There were quite a few available W7xx and K7xx call signs and not that many Extra class holders.

When I returned to Wyoming in 1971 there were 4 other Extras in Cheyenne and only 16 in the state. There are about 30 Extra class in Cheyenne at this time. A Ham license still takes quite a bit of work but the code is slightly easier and the exams can be taken locally. Some of the NO-CODE Technicians have found out that code is not all that hard and have upgraded to Advanced and even Extra class.

The 2nd or 3rd calls are old calls and have been added where available. There are a few Dual calls, that belonged to people who had two different homes. Each home had it's own call sign eg:Paul Baylor W0VYF/ K7WNLQ. Later the FCC dropped the second call.

The odds are that I don't have everybody and their call/s on the list. If you know of anyone I missed or find anything that needs correcting let me know. I tried to find a call sign for each person listed. It is possible that a few club members never did get a license and that is why I couldn't find one for them. No special effort has been made to find prior Calls.

THE FOLLOWING LIST WAS MADE FROM CLUB MINUTES AND CHEYENNE HAM LISTS.

LAST NAME      FIRST NAME      CALLSIGN

Abel	Jim	KB7VZZ
Akes	Richard	WA7IDH
Aldrich	Alvin	WA7FCK
Algeo	George	K7HAW
Allen	Ed	WB7UAO
Allen	Jennie	KB7OWK
Allen	Keith	KF7YZ (KA7VLY)
Almich	Bruce	K7OWT
Anders	Donald	WB7NLQ
Anders	Evelyn	KA7FPI
Anders	Herman	WB7NGC
Anderson	A J	W0ZDC
Anderson	George	N7PLJ
Anderson	Howard	K7WOD
Anderson	Susan	KB7TDD
Anderson	Vernon	KD5KBH
Andrews	Ken	WA7HQX
Anslinger	Alan	WA7ZUZ
Anthony	David	K1LMC
Anthony	Patrica	KB7ASD
Anthony	Rick	WB7ZAB

Armstrong	Thomas	WA7GYQ
Ashworth	Morris	WA7KUE
Bachman	Robert	WB7AJG
Baird	Pat	N7SDI
Baird	Shari	N7UFJ
Baker	Roy	KB7DVK
Baker	Thomas	WA0MSB
Bancroft	Stan	WB7DWA
Barrett	James	K6HPY
Bartels	Ralph	NC7O
Barton	Bob	N7EPI
Baylor	Paul	W0VYF/K7WNQ Dual Call
Beasley		W7NDV
Becker	Edward	WA7QKX
Berkley	Frank	WB7QFC
Berkley	Peter	KB7QGM
Berlovici	Harlan	W0MYN
Best	Christine	N7CXR
Best	Jim	N7CLV
Bhend	Ted	WB6URV
Birge	Gerald	K7VTM
Bixby	Ed	WB7SBD
Blackburn	Glen	K7NQX
Bland	Bernard	KF7BG
Blumenthal	Art	W7BAH
Booth	Loomus	KN7OWU
Bosley	Clifford	WN7SGO
Bostron	Larry	KE7VY
Bowie	Butch	KN7KMP
Boyd	William	W7GIL
Brake	David	WN7FPI
Brandenburg	Larry	KG4DB
Brandenburg	Kay	KG4DC
Breazile	Don	N7MYR
Breazile	Ronda	N7QBQ
Bresnahan	Jerry	K7SKQ
Brill	Mike	WA6MHQ
Broderick	Edward	K7VVE
Brooks	Gene	KN7OWV
Brooks	Phillip	KB7VQU
Brookshire	Edward	WA7IDJ
Broughall	Hank	W7PGN
Bruch	Charles	K7NKN
Bruch	Thomas	WN7BDY
Bruce	James	W7JFN
Brumbaugh	Bob	WB7RSM

Bullock	Tom	WN7NQG
Bumgarner	Frank	KD7AN (WB7OFK)
Bumgarner	Helen	KA7MLO
Butrick	Jack	KA7VGN
Burns	Bob	KA7JSB
Burr	Roger	AA7JQ
Burr	Mary Lou	N7SVZ
Bush	Brad	N7ZYX
Cahoon	Ray	WB7VNL
Callant	Grant	WB7EAH
Callant	Millicent	KB4GRA
Campbell	Dennis	
Campbell	Ileen	
Campbell	Steve	WA7QVR
Carlson	Hal	K7MSL (W2UNR)
Carlson	Miriam (Pat)	K7MSM (K2ACN)
Carmen	John	WA7EUE
Carmichael	Eddie	N7ZAJ
Cerar	James	WA2IKP
Chance	Merlin	WA6QZE
Chaplinski	Victor	W1RFF
Chase	Loren	WB0QYK
Christopherson	Ivan	WA7NZI
Clahsen	Hans	WB5NOG
Clahsen	Joanie	N5KVJ
Clark	James	WN7BNX
Clayton	Walt E	W7FDH/W7LWR Dual Call
Clements	Al	K7DXK
Cleveland	Lois (Sam)	N7WMR
Cleveland	Rob	N7VOL
Cliff	Gene	K7PPN
Cloyd	Ron	KN7IBO
Cobb	Francis	WA7SQX
Cochrane	Steve	WA7H (KA7AWS)
Coelho	Dennis	KB7OAA
Cohen	Haskell	K7DSK
Coker	Phil	WA7KTW (K6UVJ)
Collier	Arthur	W7UOS
Conaway	Paul	WA7MKV
Cornelison	John	WA1PJA
Cook	Ed	K4GKC
Cooper	Bob	W7VTB
Cordell	Carl	WA0UQE
Cox	Ray	N5CAT
Cramond	Wally	K7AUI
Crips	Kenneth	KB7ROG

Crips	Paul	KI7TS (KB7ROF)
Cromley	Dave	W7ICU
Cromley	Dave	WA7EEU
Crumrine	Gil	W7KRT
Cullison	Ramon	K7PYH
Culver	Aaron	WB7EMA
Culver	Phil	WB7EKM
Curran	Bob	K7EUG
Curran	Jeanette	N7LOC
Curran	Michael	KI7JC
Curtis	Bob	KA8QAF
Cutkosky		W7OME
Cyr	Stephanie	KB7AYD
Daiber		W7CEO
Daughty	William	WA1VPL
Dawson	Clyde	
Dawson	Esther	
Davis	Eugene (Buzz)	KA7WKL (9DTE)
Davis	Mead	WB7EOQ
Davis	Ronald	WN7QHJ
Day	Robert	WN7PPG
DeAngelis	Joe	N2FDV
DeBacco	Evelyn	W7YWY
DeBacco	Hal	KA7USG (W7YJG)
Deming	Chuck	W7ICZ
DeHoff	Ann	N7ZWB
DeHoff	Tom E	WA7MAL (KN7HRO)
DeHoff	Tom M	N7ZWC
Dereemerer	Joe	K7
Derry	David	N9QKG
Dertsch	Ron	KC7QJ (KA7JXO)
Dexter	Bruce	N7QIX
Dickerson	Joe	WN7SGH
Dierks	Carl	AA7WQ (WA7LDX,W7JJO)
Dittlinger		W9IME
Dodson	Conrad	KF7VR
Dolwick	Joe	KA7VIS
Dorn	Bob	KB7SX (WB7UFP)
Dotson	Caryl	K6BQV
Douglas	Daryl	WB6DBW
Douglas	James	K7OKG
Drake	Bonnie	N7YNJ
Drake	Rod	N7UPE
Druce	Don	K7EVA
Dugger	Gil	W7MNV
Dueland	Doug	N7UVW

DuFlo	Chester	K7IWY (K2MVK)
Duffy	Gary	AG0N (7 call unknown)
Dugas	Michael	KA7BGJ
Dumire	Fred	N7JPR (KA2PFX)
Duncan	Harold	K7QGW
Dunn	Frank	WA7NYU
Eaton	Donald	W7GNS
Eckhart	Tom	WB7RHE
Edlefsen	James	KB7NUQ
Edwards	Bruce	N7QIY
Edwards	Donna	KB7SRK
Edwards	Roy	WN7AAF
Erion	Richard	N7UIN
Estes	William	WA4GBH
Eungard	Paul	W7TZM
Eyres	Allen	N7RDY
Farr	Rupert	N7YNL
Faulkenberry	Jim	N5DZZ
Fechter	Clay	N8AYU
Feldman	Joe	N7IGC (WB7FIY)
Fisher	Larry	KA7AVZ
Fisher	Morris	W5CLV
Fisher	Nancy	WA5FUS
Fitch	Roger	Eye Doctor at FEW.
Fleming	Frank	W7BAE
Flood	David	N7YNK
Followell	Debby	KB7POY
Followell	Eugene	N7REG
Followell	Tony	N7YYF
Forbes	Lance	KB7LPM
Fortenberry	Al	K7NZI
Fox	Mathew	WN7WAF
Fox	Sam	K7SMK
Frank	David	WN7SJU
Frank	Lynn	K6JDV
Fredrick	Bob	N7JYH
Frey	Ollie	W7BCL
Froembgen		W7TMZ
Fulton	Larry	WB7TEX
Futrell	Bill	WB7SJB (WA4KDJ)
Galka	Gregg	KA7IVF
Galka	Michael	WN7YVD
Gallensky	Howard	WN7VHU
Gallensky	Neil	WA7VHT
Galloway		W7GPX
Garrison	Jim	W7NE (K7EWK)

Gaylord	Ernest	
Gentry	John	N7NIT
George	Neal	KD4QEL
Gezzi	Guido	KA0MDD
Gibbons	Alan	WB7EIM
Gibbons	Bob	N7IGI (KA0LEX)
Gibbons	Tom	KA7WKK
Giles	Mary	KB7ICF
Girt (Miller)	Pam	WD8LPB
Glover	Randy	KA5WMU
Godek	Larry	W0OGH
Goldsmith	Bert	W7WYX
Goodrich	Bob	K7KMQ
Goss	Bob	WA7JYO
Goss	Donna	WA7SOH
Goss	Patricia	WA7SUL
Grant	Gary	WB7CHH
Gravel	Bill	WB0TWE
Griess	Jason	N7IGJ
Grimm	Brain	N7QJB
Groth	Robert	KB7AXH
Grove	William	W7MKL
Gruenewald	John	K0BF
Guara	Robert	N7ZYY
Guilde	Stephen	W7INH
Gusson	Rich	KM4JJ
Guthrie	Lee	K7SOI
Habib	Ed	N7AVM (WB7PJA)
Haines	Johathan	KB7VPK
Halen	Ed	W7OBC
Halley	Norman	K7OMW (W0HJF)
Hamilton	Roger	W7ERI
Hanna	Jean	W7HAA
Hansen	Duane	WA7KYM
Hansen	Lee	
Hensen	Odus	WA7PUZ
Hanson	Roger	WN7RNU
Harbaugh	Robert	N7UVX
Hardingham	David	KE7JM
Harrington	Bob	AA7TB (N7LOB & KB7EUX)
Harris	Jean	KA7CWO
Harris	Vernon	W7GGM
Harvey	Ron	WB7CRW
Hassler	Jean	KA7CWO
Hassler	James	AA7QO (WB7TRQ)
Hassler	William	KA7DOV

Haws	Ira	W8KNC
Hayes	John (Jack)	W7CGK
Hayes	John	WA7SEO
Headstream	Jim	KE5NQ
Hefkin	Don	W7VMT
Hefner	Brooke	KB7USI
Heller	John	N7TFM
Hemple	Carl	W7DI
Hennigan	Ed	WA7UWQ
Henson	Odus	WA7PUZ
Hertzler	Jack	K7OWL
Herzog	Jack	K7ZFW
Hess	Jim	W7IFD
Hickey	Jack	K7JSU (W2PDJ)
Higgs	David	KB7TDE
Hirst	Wilma	WA7SQJ
Hodnett	Clarence	KB7TMX (KC4RSD)
Hoffman	Fred	K7OWX
Hoffman	Fred Jr.	K7PEC
Hommel	Ted	W7LFL
Hopkins	Donald	WA7RWR
Houland	Dale	WB7DME
Howard	Clyde	K6SLH
Howard	George	W7UUW
Hull	Delvin	KN7EUZ
Hunter	Richard C	W7STB
Hunter	Carlton	WA7LUY (WN7LUY)
Hurlburt	Art Jr	N7JNO
Hurlburt	Don	WB7QFP
Ireland	Jerry	KB7UC (KA7DFR)
Jacobs	Bernie	W0MYB
Jacques	Bob	N7LWH
Jacquot	Jon	WA7BIL
James	Bennie	W7SQT
Janke	Jerry	KN7OWY
Jansen	Stacy (Ace)	N3AHA
Jefferson	Robert	W7DSY
Jensen	Don	W7HCA
Jensen	George	WA7RRV
Johnson	Bob	KA7DXJ
Johnson	Herman	WB7WGN
Johnson	Jerry	W8TJV
Johnson	Joyce	KA7SCL
Johnson	Luther	KC7US (KB7VLM)
Johnson	Richard	W4DLY
Jones	Dale	N7CPJ

Jones	F E (Red)	K7WNF
Jones	Marty	KB7QOS
Jorey (Jory)		W7TRD
Jultak	Jed	WA7ILI
Jurgens	Dennis	WB7AYT
Kallgen	John	WN5CLL
Kelly	Richard	WA7IAY
Kelso	Red	KB7HIH
Kempfer	Ken	W8IIX
Kensinger	Arlene	WB7NEN
Kensinger	Don	WB7CBF
King	J P	K5UIL
King	Jack	WN7YWV
Kitzrow	John	W7GQH
Kenney	Gene	W7WET
Kinsley	Chuck	WA7UUO
Kinsley	Karen	WB7WCM
Kipf	David	N0TVN
Kipf	Rebecca	N7TNY
Kirlin	Harold	K7HKD (W0AJA)
Kleinsmith	Kevin	KB7ROJ
Kling	Roger	N7ZAK
Knight	David	KA3JEO
Knudsen	Cecil	N7OJD
Koford	J S	W7FJR
Kopecky	Steve	KB7FBK
Krause	Gary	N7HTS
Krebs	Jim	W7TPS
Kriebel	Ike	WA6DMX
Krogh	Christopher	KE7VF
Kubiaczyk	Theodore	N7ZWF
Kuyath	Dwayne	K7IMA
Lamb	Keith	N7MSG
Landson	Barry	K6IXF
Langaniere	Frances	WA7JII
Langaniere	Raoul	WA7DFK
Langer	Larry	WA7TJU
Lankford	Joe	N0ADV
Larivee	Bernard	K7VGY
Larson	Terrence	K7NXE
Lavery	Brenden	WC7L
Leach	Mark	NM7S
Leckman	Ed	AB7X (K7IVJ)
Lee	Tom	WA7WYW
LeGoff	Bob	N7LAS (KB7DPI)
Leone	Gene	KF7TN (N7LWB)



Lewis	Bob	WB7T (KE7QT & KA7DKH)
Lewis	George	WA6REI
Lewis	Jack	K7SDK
Lewis	Jim	
Lewit	Bob	N7SDL
Lill	Daniel	W9LTZ
Littrel	Don	W4VBH
Long	Gary	WB7PNA
Long	Palmer	K7POX
Lorentz	Leslie II	KB7FBJ
Loshbaugh	Bruce	N7JKE (WA7UHX)
Loshbaugh	Dave	WB7WLW
Loshbaugh	Les	WB7RYN
Low	Geoffrey	WB7VKV
Luce	Gregory	KD7ZX
Luckritz	Herb	W7GCB
Lufkin	Warren	W0SII
Luna	Marty	N7PWL
Lutz	David	WA0CKI
Lynn	Dick	K7VCH
Madden	Bob	WA7YHK
Mainwaring	Darwin	WA7ZXL
Mainwaring	Scott	KB7AZI
Makus	Al	K7DLB
Marshall	Jan	WB7COX (KN7ZZP)
Martchenke	Earl	K7KRX (K0BOI)
Martin	Dick	W7BLW
Masters	Robert	N7LWK
Mathews	Bob	AA7QV (N7WOH)
Mathews	Bob Jr	KB7WCL
Mattox	David	WB0SEK
Mau	Jeffery	N7OEQ
McAdams		W7YZX
McAlister	Val	K7WRR
McCoy	James	W7LCF
McCoy	Marty	WB0TCZ
McCraken	Bill	W7QPV
McFarlane	M	W7CBL
McGee	Mike	WA5DGI
McGinnis	James	WB7RRX
McGrath	Francis	WB7RSB
McHone	Sidney	K7YUG
McIntyre	Luke	K7KLN (W4HGQ)
McKinsey	Bill	WB3DNL
McMullen	Bob	KA7KIK (KN7BZC)
McNew	Andrew	N0IMP

Meadows	Jim	KG7ZM (N7PXU)
Mellott	Clarence	KA7FZM
Messman	Kevin	N7TFL
Meyer	Robert	K7PPC
Miille	Clayburn	KL7XU
Miller	Brian	KA4GTD
Miller	Don	K7TFW
Miller	Jack	WB7EFK
Miller (Girt)	Pam	WD8LPB
Mitchell	Catherine	KA7KSJ
Moldenhauer	Ed	W7LME
Montgomery		W7VXV
More	Mike	N7JZW
Moore	Tom	W4AMA
Moorman	Jerry	WA7KVQ
Morgan	John	K7BDI
Morgan	Scott	WA4DYV
Mossman	Jim	W7RIG
Mumford	Linda	
Mund	Keith	KA7DJA
Murph	Jim	N0ESG
Navarro	John	KA7QZG
Neary	Marion	W7KFV
Nelms	Siles	WB4NBW
Nelson	Judy	N7NBU
Nelson	Nels	N7GAU
Neiters	Jeff	KB7HOX
Neiters	Patty	KB7HOY
Nicklin	Bryan	WB6HFU
Noakes	Ward	WB6DNE
Nolan	Pat	WA7HQY
Noonan	John	KG7LE (N7OZW)
Norman	Thos (Tom)	WA7HFY
Nussbaum	Jay Sr	WA9RCV
Nutt	Bill	W7CIB
Ohlsson	Jesse	KG7EQ
Oliger	Tony	AC7W (WA7EHK)
Oliver	Mike	K4QZJ
Olson	Ed	W7KTX
Osbourne	Richard	WA7KKI
Osbourne	Steve	WN7FWO
Otto	Carl	WA7NNB
Owens	Stella	KB7GWU
Oberg	Marty	K7KLW
O'Conner	Cornelius (FR)	K7NUO
Palmer	D R	K0VQD

Palmer	Floyd	WN7IXP
Parsons	Jesse	KN7GDX
Parsonault	Tom	WA7MKU
Pascarelli	Frank	KA7DXK
Peterson	Robert	W0OIQ
Pease	Jerry	WN7EOA
Perham	Marshall	W7WNI
Perosa	Joseph Sr	KB7DPH
Peters	Otto	K7UQU
Pettrey	Joe	KB7SRJ
Pettrey	Anne	N7YNM
Phelps	Preble	K7OVD
Phillips	Sam C	W7IJT
Phillips	Lloyd	W7BET
Phillips	Mike	WB7UPS
Phillips	Samuel	W7IJT
Piester	Don	K7OAF
Platt	Vernon	WN7AKT
Pool	Hal	WN7VJX
Piester	Don	K7OVD
Porter	Bruce	N7AOD
Porter	Larry	WA7BZN (KN7ZOX)
Powell	Tom	W7YGW
Powles	Charles	W7EVH
Powers	Gale Sr	K7TEG
Powers	Ira	W7EDX
Perchal	Erwin	W9KIH
Preston	Paul (Jerry)	K7ANG
Putnam	Dale	WC7S (WA0LRJ)
Quigley	Robert	W7BEF
Quinn	Jack	K0YFK
Rafferty	Albert	W7BAH
Rankin	Gerald	K7BTE
Rathbone	Ken	KG7KO (N7PFX)
Rawlinson	Edward	W8DFG
Rauchfuss	Frank	WA7JSY (WN7FPT)
Ray	Bob	N7NMY
Reeves	James	WB7VPY
Reinemer	Bob	WB6AHL
Reinemer	Pat	WA6AHG
Richards	Ed	K7KEP
Richman	Charles	K7JWE
Rideout	Elmen	KA7MUI
Righter	Bob	KC8HQ
Ritter	Tom	WB4UIC
Rix	Greg	KB7MUP

Ringen	Bruce	KA7DXL
Robb	Mike	WA0WDB
Roberts	Harold (Bud)	W7HLA
Roberts	Howard (Doc)	W7GOJ
Robertson	Harvey (Robbie)	W7HRM
Rogers	Doc	May be Howard "Doc" Roberts W7GOJ
Rombeck	Al	W0NPZ
Romero	Sam	KA7LEM
Rood	Dave	KA7VGO
Rose	Don	W9HIB
Ross	Floyd	WA7DPY
Ross	J F (Floyd)	K7MAK
Rothenhaefer	Walter	KA7OMN
Rule	Bob	WA7EGK
Runsey	Warren	W6CYQ
Rusche	C L H "TEX"	W5FI
Rutherford	George	K6UPT
Rybicki	Ed	W7LYF (K1BBT)
Sanders	Craig	KB7YNK
Sansouci	Dick	W1ATJ
Sapienza	Jerry (John)	WA7KQV (WN7LUX)
Satchell	Anna	WN7LWJ
Satchell	Homer	WA7KXW
Satchell	Lyle	WA7IKX
Schaub	Edward	K7KMC
Scheidt	Tom	WN7SLH
Schein	Randy	KI7BU (N7UHA,N7MSK,KB7GFH)
Schiller	Jay	N7SEY
Schock	Jacob	WA7BYG
Schrader	Betty	N7WNQ
Schrader	Bob	N7NKD
Schrader	Richard	W2JUC
Schutkowski	Michael	KB7VDL
Scofield	Douglas	KA7TZH
Selby	Richard	WA7BYG
Sellner	Wilson	WB7RRZ
Selman	Cela (Beth)	K7YGV
Selman	Bob	K7YGW
Settle	Howard	W7AIR
Shaffer	Joe	W7PMF
Sheppard	Gene	K7LBR (KG6AGX)
Shourds	Shalyn	KA7WKI
Shourds	Wayne	KA7WKH
Shumway	Hyrum	KB7FTU
Simonton	Red	W7WSY
Sims	Lois	W7COJ (W0IHS)

Sims	Ralph	W7COK (K0ORH)
Skelton	Mark	N7CTM
Skjervem	James	WA7SLD
Slane	Mike	N7KNU
Slater	Len	W7MWS
Slaughter	Elmer	W7LSR
Smith	Donnie	KB7SWR
Smith	George	N7JJY
Smith	Gerald	W7GBG
Smith	Jay	KB7VQT
Smith	Katherine	KB7TDC
Smith	Robert	K7PPU (K4KAK)
Smith	Robert Jr	WA1VZD
Snow	Ray	W7BAF
Soden	James	KB7PEA
Spandell	James	KB7DSJ
Spilde	Dan	KA0SDD
Spildener	Pat	WA7JZI
Spraker	Bill	WB7RMZ
Springer	Lou	W7YWW
Stacey	Kevin	N7GNQ
Stanfield	John	K7HKE
Stanfield	Rich	W7FSR
Stanley	Roy	W7AFW (K0SAG)
Steinhausen	Karen	WB7COZ
Stephen	Richard	N7RVO
Sterno	Bernie	W7BTC
Stevenson	James	WN7LTM
Stewart	James	WA7AHK
Stewart	Kenneth	WN7RLB
Stockhouse	Bob	WA7ZRN
Stone	Harley	WB7VKH
Stott	Peter	WN7GOW
Straham	Theodore	W7JID
Stryker	Ben	W7OWZ
Sullivan	Dale	KA7DQH
Sullivan	Donald	W7LLL
Sullivan	Michael	WN7NGY
Sultak	Jed	WN7FQO
Summerill		W8UIA
Sutkoff	Jim	KA7VFM
Swanberg	Ray	K6LWR
Swailles	Dick	W0VMU
Swain	Bob	KB7CMC
Taylor	Eric	WN7KBS
Taylor	Foncey	N7AKM

Taylor	Fred	K7QCF
Tennent	Guy	W6BGX
Thibeault	Thomas	KB7LHZ
Thomas	Lowell	K7VTN
Thomas	Robert	WN7PBC
Thompson	John	WA7KJN
Tipton	Scott	K7ZEJ
Titus	Roy	KA7VGM
Tope	Kenneth	KK4AJ
Trosper	Clayton	KA7DNI
Troxel	Douglas	WB7BVT
Turner	Charles	WA7VGJ
Turner	Charles A Jr.	WA3LDR
Uthoff	Herb	K7CCB (K0BIW)
Uthoff	Herb O	K7DUT
Vanover	Charles	W7ASD
Van Patten	Denis	WB7PJE
Van Patten	Gwen	WB7PJC
Varnum	Larry	K7PLE
Velte	Larry	KA7SBE
Vigen	Eric	AH2BY
Volentine	Horace	WN7LNA
Wakefield	Paul	W7BTI
Wall	Charles	WA7AFS
Wall	Mark	K7BVP
Walzer	William	KB7EYP
Ward	Merton	W0OEI
Weigner	Scott	WA7IDI
Weisenbach	Jon	KA7QHK
Weisenbach	Bev	KA7QHL
West	Steve	N0NOU
Westman	Joe	K0KJP
Whisenant	Earl	K6RST
White	Vigil	K7STN
Wiggs	Lee	WB7QYH
Willard	Leroy	WB7CYJ
Williams	Chuck	N7MZW
Williams	Howard	K7BZB
Williams	Ronald	N7HOF
Williams	Ronald	KA7UWL
Winger	Mark	N7SDK (KA7DQK)
Wisen	Tim	N7TMP
Winslow	Dick	
Wipf	Edmund	W7KWS
Witt	Frank	W7QNL
Wolf	Frank	W7EUZ

Wolf	Lizette	W7HDS
Wood	Dave	K7MME
Wood	Greg	WB7EIN
Worley	David	WB7WDO
Worley	Kenneth	WB7WDP
Wright	John	W7GEH
Wunder	Dick	WA7WFC
Wunder	Ruben	KA7HCQ
Wunder	Sandy	KA7USF
Yarbrough	Ray	K7ZTK
Yeaman	Jack	W7JSS
Zaliski	Joseph	WA7AIZ
Zent	Ed	W7KUB
Zuckerman	Sam	W7FT (W7GGG)
Zun Brunnen	John	WB6UOL
Zun Brunnen	Kathleen	KA7GXU
Zun Brunnen	Rebecca	KB7POW

### ATTACHMENT 3

NON-HAMS AND OUT OF TOWN HAMS MENTIONED IN THE HISTORY. A lot of people hams and non-hams have given programs at club meetings but very few have been noted in the club minutes. First names are given where available.

LAST NAME	FIRST NAME	REMARKS
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Bahlay	"Mr."	FCC office in Denver CO
Bauly	Andy	Denver TVI Committee
Bebee	Bob	Director NWS in Cheyenne
Budlong	Arthur	W1BUD from ARRL
Carey	Lys	K0PGM ARRL Colorado SCM
Clark	Vic	W4KFC President of ARRL
Cline	"Mr."	FCC office in Denver CO
Dannals	Harry	W2HD President of ARRL
Downs	Bob	W7VTB Casper
Erickson	Don	Mayor of Cheyenne
Eversall	Dick	State Radio Officer
Fisher	Arthur	Assistant Attorney General (WY)
Fletcher	Reed	WARS President Laramie WY
Funky	M	W7NVI Casper
Guille	Dave	Laramie County EMA ( CD Etc)
Hall	Boyd	Commander Naval Reserve TC
Hawk	Jack	Captain, State CD officer
Himt	Marion	Director Coast Guard Aux.

Hunter	Kathy	Jacket lettering
Kenney	Vincent	US CD Amateur Radio Alliance
Long	Kesner	W7BXS Casper WY
Lopez	"Mr."	IRS
Lyan	Bob	P.B.Fire Chief
Martin	Don	RACES
Martinson	Martin	Wyoming Hamfest committe
McCoy	Lew	W1ICP from ARRL
McDonald	F E	WB7K Laramie WY
McGrock	Milkin	Civil Defense
Miley		Miley Radio Store, Florence CO
Norris	"Senator"	State Senator from Cheyenne
Parker	William	National Weather Service
Pierson	"General"	Wyoming Civil Defense
Pope	Al	National Electronics Supply
Prochaska	Joe	W7BHH Casper WY
Reid	George	YMCA General Secretary Cheyenne
Richards	Shauna	N7NGT of Rock Springs WY
Roberts	John	State Radio Officer
Rogers	"Col"	State Civil Defense Direstor
Rothenhoeffer	Walt	Civil Air Patrol
Salfisberg	Fred	Cheyenne Light Fuel and Power
Schriver	"Capt"	K8DLG/0
Sherrod	D.N.	Stare Rep from Platte County
Simpson	Al	US Senator from WY
Stewart	Gene	W0WBC Denver CO
Sumi	Ed	WEMA General Wing
Wallop	Malcolm	US Senator from WY
Westerfield	Bill	Wyoming Highway Patrol
Wilson	Bob	Assistant EMA
Youngland	Oscar	W7NVX Casper WY