



SkyWave

The Radio Amateurs
of
Cheyenne, Wyoming and Shy-WY ARC
Newsletter

Mike Whitmore, W7MEW Editor



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Greetings; It is April and time for the annual club dues collection. Please remember that family memberships are \$30, student memberships are \$15 and regular memberships are \$25. Also individuals licensed within the last 12 months receive a one year membership free.

Election of club officers was held in March and another seamless transition of power occurred. New officers are Robert Garrison, KF7FCA, President; Rodney Waln, KC0ZHF, Vice President; Tim Chapman, KB7MDF, treasurer; and returning to Secretary is Jon Jacquot, WA7BIL. Thanks to all who volunteered to run for office.

Preparations for the Wyoming Section Convention, Radio Friendly, are progressing. We have one vendor confirmed, Dan Magro, W7RF, of Radiodan.com in Ft. Collins, with several other vendors expressing interest. If you have someone in mind please contact Jack, N7MJ, he is the vendor coordinator.

Speakers have been contacted and so far several have agreed to do a presentation including Dennis Brothers of Potter NE on Collins Radios. John Griffith of the National Weather Service will speak about the importance of amateur radio support during severe weather events. Aarne Haas, WY7ATH, will speak about what the published specifications on radio equipment and explain them in terms we can all understand. Aarne will also be doing deviation checks on 2M mobile and hand held radios. Jack, N7MJ, has volunteered to do a presentation on APRS.

Friday afternoon is vendor setup and registration. Beginning at 1800 there is the "face to face" QSO party with a cash bar and hors d'oeuvres provided by the Eugene Davis endowment. If you are not familiar with Eugene Davis, KA7 WKL, it is he who left the club the large chunk of cash in 1997.

Registration begins Saturday at 0800 and presentations begin at 0900. There will be VE testing at 1000 provided by N7GT and his group.

Saturday afternoon will be the ARRL forum with Dan Henderson, N1ND, Regulatory Information Manager from ARRL, Section Manager Garth Crowe and other possibly including Brian Mileschosky, N5ZGT, Rocky Mountain Division Director and Dwayne Allen, WY7FD, Rocky Mountain Division Vice Director.

The Saturday night banquet begins with happy hour at 6 pm, dinner at 7 followed by the Key Note address by Dan Henderson. About 8 pm will be the Carey Jr. High ARC presentation of "Are you Smarter Than a Jr. High Technician."

We are working on getting presentations on Logbook of the World and Laramie County Emergency Management. If anyone has ideas on speakers please contact me.

Sunday morning will be the ARES meeting, the RACES meeting, the Wyoming Section meeting and the wrap up!

Plans for Field Day 2011 are moving forward with Robert Garrison heading up that effort. So far I think he has something lined up at Frontier Park. Get in touch with Robert, KF7FCA, [email](#), if you are interested in participating.

Is your Morse a little rusty? Bill Rideout, K7YM, and Don Miller, K7TFW, are still conducting an informal CW training net Monday nights at 2000 on 28.200 Mhz. Everyone interested in Morse please join in.

The CW class that was meeting on Tuesday nights at Station 1 of Fire District 2 on North college drive at 7:00 pm has been canceled until this fall, interest fell off with all the activities that begin this time of year.



Minutes

SHY-WY AMATEUR RADIO CLUB

Minutes of the meeting of March 8, 2011

The meeting was called to order at 7:00 PM by club President Mike Whitmore, W7MEW (Mike).

Minutes for the meeting of February 8, 2011 were read and approved.

No treasures report was given.

Committee reports:

SKYWARN: Wilson Sellner, WB7RRZ (Wilson) announced that Skywarn training would be conducted at 7:00 PM, April 11, 2011 in Pine Bluffs and at the Science Building at Laramie County Community College at 7:00 PM, April 20, 2011.

ARES/RACES: Brian McNutt, N7BAM (Brian) reported that there was a communication exercise on March 5, 2011 and that four messages were handled

in Cheyenne.

He also said that the state's new communication trailer would be demonstrated again and personnel would be trained to use the equipment. Brian also said that the equipment was programmable for operation in various zones of the state.

Brian said that there would be an AREC/RACES meeting next month.

TECHNICAL: Greg Rix, WB7GR reported that an attempt was made to fix the hollow sound and hang up problem in the 146.175/146.775 repeater. He also said that repairs to the 146.022/146.82 repeater on pilot Hill are postponed until the snow is off the road and it is opened.

VE SESSION: Wilson reported that four persons, none of Cheyenne, tested at the last session and that three passed. Wilson also reported that the next testing session would be held in the cafeteria in the WYDOT Administration Building at 9:00 AM on May 21, 2011. He also said that there may be a session at the State Hamfest.

EDUCATION: Cara Nelson, KD7YBL (Cara) said that the only person to appear at the latest CW class was the instructor. She said that only one person had expressed interest in a license class. Cara said that they would be happy to teach a class if there is some interest.

Old Business:

STATE CONVENTION/HAMFEST: The State Convention/Hamfest will be held at Little America on June 3, 4 and 5, 2011. Mike reported that the state organization has \$3,000.00 in seed money for the convention. He said they are planning on 100 to 150 people attending. A sign up sheet for volunteers was past [sic] around. Mike also reported that speakers were being arranged. Brian said that the state's new communication trailer would be demonstrated at the convention.

FIELD DAY: Mike reported that he had appointed Robert Garrison, KF7FCA as coordinator. The location has not been decided. The options are Frontier Park or Sherman Hill. Both sites may be used. A \$200.00 budget for food was established. A sign up sheet for volunteers was past around.

Upcoming events:

Walk-in-My Shoes will be held on June 11, 2011 at 9:00 AM.

Relay for Life Special Event Station (Boat Anchor Equipment) will be at Okie-Blanchard Stadium on Jun 3 and 4, 2011. Cara is contact for this event.

M/S walk is scheduled for April 9, 2011 at Lions Park Community House. Fred Culek, KD7LLF, is the point of contact.

Fred said he had not been contacted about Tour-de-Prairie.

wilson reported that the 13th CERT would not be held due to lack of interest.

MISCELLANIOUS:

Greg Rix, WB7GR reported that KBØCTI was willing to conduct tours of the Kimball missile site.

ELECTION OF OFFICERS:

By unanimous acclamation the following persons were elected to the specified offices:

Robert Garrison, KF7FCA - President
Rodney Waln, KCØZHF - Vice President
Jon Jacquot, WA7BIL - Secretary
Tim Chapman, KB7MDF - Treasurer

The next meeting of the club will be held at 7:00 PM on April 12, 2011 at the Laramie County Library.

The meeting adjourned at 8:00 PM.

Respectfully Submitted,
Jon Jacquot, WA7BIL, Club Secretary

Operating Procedures and Ethics for Amateur Radio

This is the third in a series of installments intended to advise new operators, and remind those of us more experienced, of some principles of operation of our equipment on the air. I am not pointing at anyone in particular and only intend to remind or inform of common procedures.

The information here is from "[ETHICS AND OPERATING PROCEDURES FOR THE RADIO AMATEUR.](#)" this has been edited somewhat to condense the text. Brackets [] indicate comments or additions by this editor.

II.6. HOW DO YOU MAKE A QSO?

A QSO is a contact by radio between two or more hams.

- How do you start a QSO?
- By making a general call (calling CQ).

- Or by answering someone's CQ.
- Etc. More details follow.
- Which call comes first?
- Correct is: 'W1ZZZ from G3ZZZ' (you are G3ZZZ, and W1ZZZ is the person you address).
- First give the call of the person you address, followed by your own call.
- How often should you identify?
- When you first come on the air, and when you leave the air, and in between every 5 (in some countries 10) minutes.
- Good operating says you should identify at each QSO.
- A 'pause' or a 'blank'
- When your correspondent switches the transmission over to you, it is a good habit to wait a second before starting your transmission, in order to check whether someone may want to join you, or use the frequency.
- Long versus short transmissions
- Make short transmissions, this makes it much easier for your correspondent if he wants to comment on something you said.

II.7. WHAT DO YOU TALK ABOUT ON THE AMATEUR BANDS?

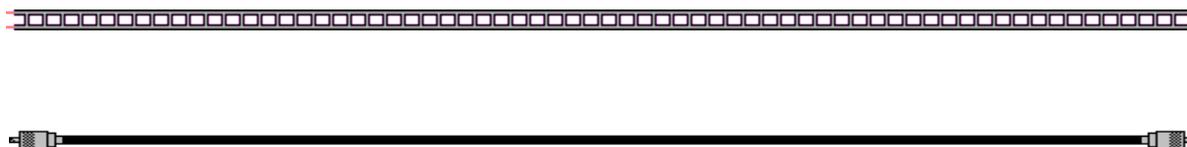
- In principle: about the technique of radio communications
- ... in the broad sense of the term.
- Some subjects which are a no no in amateur radio conversations on the air are:
- Religion.
- Politics.
- Business (you can talk about your profession, but you cannot advertise for your business).
- Derogatory remarks directed at any group (ethnic, religious, racial, sexual etc.).
- 'Bathroom humor': if you wouldn't tell the joke to your ten year old child, don't tell it on the radio.
- Any subject that has no relation whatsoever with the ham radio hobby.

- II.8.1. How do you call CQ in phone?

- If you need to tune your transmitter,-> on a dummy load -> if need to do it on the antenna, only on a clear frequency!
- Decide which band to use. Depends on distance, propagation, time of day etc.
- Do you know where you can transmit in that band? Check the IARU Bandplan!
- Use the correct sideband: below 10 MHz: LSB, above 10 MHz: USB.
- In LSB your signal is transmitted up to 3 kHz below the nominal frequency, in USB, 3 kHz above.
- Always start by listening for a while.
- Then ask if the frequency is in use: 'is this frequency in use?'

- If you have already listened for a while on an apparently clear frequency, why do you in addition have to ask if the frequency is in use?
- Because one station, part of a QSO, who is located in the skip zone vs. your location, could be transmitting on the frequency. This means that you cannot hear him (and he won't hear you) because he is too far for propagation via ground wave and too close for propagation via ionospheric reflection. On the higher HF bands this usually means stations located a few hundred kilometres from you.
- If you ask if the frequency is in use, his correspondent may hear you and confirm. If you start transmitting without asking, chances are you will be causing QRM to at least one of the stations on frequency.
- If it is in use, someone will probably answer 'yes' or also 'yes, thank you for asking'.
- If nobody replies, ask a second time if the frequency is in use.
- If still no answer: call CQ...
- 'CQ from G3ZZZ, G3ZZZ calling CQ, george three zulu zulu zulu calling CQ and listening '. You can also end by saying ' ... calling CQ and standing by'.
- Speak clearly and distinctly and pronounce all words correctly.
- Give your call 2 to maximum 4 times during a CQ.

(©John Devoldere ON4UN and Mark Demeuleneere ON4WW)



Some operating activities

Events that repeat:

Monday

1830 Carey Jr. High ARC net on 146.53 simplex

2000 – 10 Meter CW practice net, 28.200 Mhz. Everyone welcome.

Events that don't repeat:

April 20, 2011, 6:30pm at the LCCC Health and Science Bldg Rooms 111/113

June 3–5 2011 Wyoming Section Convention; Little America Hotel and Resort. See Shy-Wy ARC [webpage](#) or [Wyoming Section](#) for more information.



SHY-WY AMATEUR RADIO CLUB

Wyoming State Convention: June 3-5, 2011. Early registration online \$15, \$20 after May 15 or at the door.

Recent Events



ARES®/RACES:

Shy-WY ARC: Saturday April 9 was the MS walk. There were several amateurs present for communications and the weather cooperated so the turnout of walkers was good.



Upcoming events:

April 20 - severe weather Training- LCCC 6:30 pm Health/Science Building Room 111/113

May 7 - wyoming Cares POC Joe, KA7VIS

June 3-5 wyoming Section Convention- Little America in Cheyenne POC Mike, W7MEW

June 3-4 - Relay for Life, POC Fred, KD7LLF, Pam, KE7UUD, Cara, KD7YBL

June 11, walk-in-My Shoes will be held on at 9:00 AM.

June 25, Tour de Prairie 6:00 am POC, Fred KD7LLF

June 25, beginning @ 1100 - June 26 1700 ARRL Field Day, POC Robert KF7FCA



Local Nets on 2 Meters

The daily weather net is at 0645 (local) on the 146.775 repeater.

The Shy-WY ARC Sunday morning net follows the weather net at 0700.

The Shy-WY ARC Thursday evening net meets at 1900 on 146.820 repeater.

Carey Jr. High Club Net: This net meets on Monday night at 6:30 pm on 146.530 simplex.

Local repeaters:

Frequency	Tone	Offset	Notes
146.775	114.8	-	The link to 147.156 is down
147.165	114.8	+	Located near Albin, linked to Neb.
146.820	114.8	-	
147.105	114.8	+	
145.235	131.8		
448.150	100.0		

If anyone has additional repeater information please send to the editor

Note: Most newer radios have the offset automatically programmed.



HF nets:

Cowboy Net: M-F @ 1845 on 3.9235

Pony Express Net: Sunday @ 0800 on 3.9235

WY ARES® Net: Sunday @ 0830 on 3.9235

Jackalope Net: M-Sat @ 1215 on 7.260

QCWA

Chapter 140 Net: Sat. @ 0800 on 3.9235

Mtn States Slow CW Net: @ 1945; Summer 7.115 Winter 3.715 ???

Wyoming Swap Shop: Sunday @ 0730 on 3.9235

Monthly Rocky Mountain Division HF net: 2nd Wednesday @ 7:30 on 7240 (± for QRM)



Additional information

Local and area links:

[Shy-WY Amateur Radio Club](#)

[Wyoming Section of the ARRL](#)
[Rocky Mountain Division](#)
[Casper Amateur Radio Club](#)
[University Amateur Radio Club N7UW](#)
[Northeast Wyoming Amateur Radio Association](#)
[Northern Colorado Amateur Radio Club](#)
[Aurora Repeater Association](#)
[Colorado QRP Club](#)
[EDGE OF SPACE SCIENCES](#)
[Everything for the Morse enthusiast](#)
[ARRL home page](#)
[Sweetwater Amateur Radio Club](#)
[Carbon County Amateur Radio Club](#)
[Jackson Hole Area Amateur Radio Club](#)

Thanks for reading.

God Bless America.

73

Mike Whitmore, W7MEW Editor

[email](#)

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