



On the Beam

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In the Air:

- Field Day
- New Digital Repeater System
- 2013 Club Budget
- New Club Officers
- Save the Date
- New Club Logo
- The Beam

Club Picks New Leadership

First, we would like to thank Club President Ralph Zauner, N7CSO, Club Secretary Jon Jacquot, WA7BIL and Club Treasurer Tim Chapman KB7MDF for their hard work and dedication to the SHY WY ARC over the past year. We sincerely thank you for all you have done.

At the March 2013 club meeting Greg Rix, WB7GR was elected to the office of Club President, Rob Cleveland, N7EMA was reelected as vice president, Jack Mitchell, N7MJ was elected to serve as Secretary and Beth Wood KJ7FC has been elected as the new Club Treasurer.

Greg is excited to begin his leadership of the club, new

ideas and new interests tops his list of wants for the next year. "less meeting and more fun" Greg says.

Greg wants to put more work on the officers so the meetings will go faster. He feels the officers should take care of the mundane work so other members can work, learn and play together. The officers agree and look forward to their role in the club. Our first officers meeting has happened, a new budget is in the works, the newsletter is back as well as a new outline for the monthly club meeting.

Greg says " Its up to the members to define the fu-



ture of the club. Achieving this goal is the responsibility of all of us from myself to the newest member."

Its time to bring a friend, an old member or a new member to the next club meeting.

The Beam is Back !

As you can see the newsletter is back in operation. The officers feel this is the best way to inform the membership of news, events, local and regional information as well as informing the members of

normal club activities.

Right now, Rob Cleveland, N7EMA is editing the Beam and will be looking for material to share with the members. Long term, we are looking for a member

that is willing to step up and take this on. We have built the template, all you have to do is fill it in.

The beam will be delivered to you in electronic format By e-mail.

New Digital Radio System Goes Online

A new digital amateur radio system is online in the Cheyenne area. Digital Mobile Radio or DMR as its called, is an open standard radio system conceived in Europe and adapted for Amateur Radio use all around the world.

DMR uses a digital signal that is narrow banded to 12.5 MHz that is further split into two 6.5 MHz time slots computer controlled by the repeater. The technology is called "Time Division—Multiple Access" or TDMA. It takes one frequency and splits the time in

half creating 2 talk paths. You can do voice, data, APRS and text from the system.

Laramie County Emergency Management received a grant from the Wyoming Office of Homeland Security to build the initial system to connect our Emergency Operations Center (EOC) to the State EOC and other EOC's in Wyoming.



Testing of the system is under way with good coverage reports as well as high quality audio reports.

Several manufacturers sell equipment that work on the system with more coming out in the very near future. The Frequency is Input 444.975—

output 449.975, Color code 2.

N7MZW Calls Them All

In a recent e-mail to Club President Greg Rix, WB7GR it was announced that one of our own has been recognized for working all 58 California counties. Chuck Williams, N7MZW said " I worked all 58 California counties in the 2011 and 2012 California QSO Party contests, while winning 1st place in the Single Op/Low Power category.



All were worked "barefoot" with my Kenwood TS-950SD transceiver, a Heil Pro Headset with the HC-5 mic element and homebrew wires. (mostly my G5RV)."

The e-mail sent from Fred K6DGW, congratulates Chuck on his achievement of WACC certificate # 54.

Congratulation Chuck, contact king for the month!

New Club Logo

As you can see on page 1, the club officers have adopted a new Club Logo. The officers believe it is a more modern logo that can be used in a variety of ways.

Inspired by our western heritage, the logo brings amateur radio and the west together.

Rob Cleveland, N7EMA has taken the logo to Wyoming Trophy and Engraving for final touches and to be placed in the digital format used by their stitching machines. You can apply the logo to your garments or items.

More information will follow when the logo is ready to go .



April in Dues month \$25 single / \$35 Family—Don't Forget!

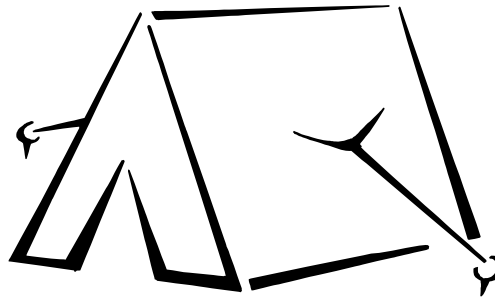
Field Day 2013

Field Day 2013 will be located in the community park building in Spring Creek Ranch Subdivision west of town. Tables and chairs are provided. If the weather decides not to cooperate we will have shelter from the storm. Camper trailers should be welcome although I haven't cleared that with the entire board of directors yet.

There is a gas grill available so bring you own steak-to-fry on Friday night and a carry in for dinner. Saturday we could have a burger and brat grilling.

The dates are June 22-23. The plan is

to begin gathering equipment and setup on Friday morning and afternoon June 21st with equipment testing Saturday morning prior to the beginning of Field Day at noon.



I would like to have a short organizational meeting after the club meeting on Tuesday the 9th of April.

If you are interested in participating please contact me at w7mew@arrl.net.

73

Mike, W7MEW

ARES RACES

The Amateur Radio Emergency Service® (ARES) consists of licensed amateurs who have voluntarily registered their qualifications and equipment, with their local ARES leadership, for communications duty in the public service when disaster strikes.

Brian McNutt, N7BAM heads up the Laramie County ARES/RACES group. Brian is always on the lookout for new members interested in helping during emergencies.

Brian says "Every licensed amateur, regardless of membership in ARRL or any other local or national organization is eligible to apply for membership in ARES." Training may be required or desired to participate fully in ARES. The possession of emergency-powered equip-

ment is desirable, but is not a requirement for membership.

"When Everything Else Fails. Amateur Radio often times is our last line of defense...When you need amateur radio, you really need them."

The Hon. W. Craig Fugate

Administrator, US Department of Homeland Security, FEMA

Tech Committee

The last of the old Micor repeaters has been retired! The 147.165 Albin repeater/link is operating with the new Kenwood TK-750 repeaters, a newly purchased Link Comm controller and Alinco UHF radio. To keep things simple, all club repeaters use the same control codes: 5000 for LINK OFF and 5001 for LINK ON.

The 147.105 is currently OFF the air. The RFI at the Horse Creek Rd site is



forcing us to abandon the location. After many yeas and many attempts to alleviate interference we have no alternative but to abandon the Horse Creek Rd site.

I propose the SHYWY ARC keep the 147.105

Kenwood TKR-750 repeater as a spare for the other three VHF repeaters (775, 820 and 165) and give the duplexer and our spare Icom repeater, to Carey Amateur Radio Club (KC7OEK). In addition we ask the

state frequency coordinator reassign the pair (147.105+) to CARC. Their planned location is at the school on Pershing Blvd which keeps the 105 in town for backup of the 775.

Talk about this at the weekly get-togethers holes on Saturday breakfasts and Tuesday luncheons and let the club officers know your opinion on the idea. If there's enough support we can make it happen .

73 Greg, WB7GR

Storm Spotters

April 17, 2013 is the annual SKYWARN training event for Cheyenne.

The event will held at **Laramie County Community College—CCI building room 130. The program will begin at 630pm MDT.**

This will be the last presentation given by Mr. John Griffith KD7TND, Warning Coordination Meteorologist for the Cheyenne Office of The National Weather service. John has built a gripping presentation over the many

years he has provided us the information. John is set to retire later this year.

SKYWARN is a concept developed in the late 1960s that was intended to promote a cooperative effort between the National Weather Service and communities. The emphasis of the effort is often focused on the storm spotter, an individual who takes a position near their community and reports wind gusts, hail size, rainfall, and cloud formations that could signal a developing tornado. Another part of

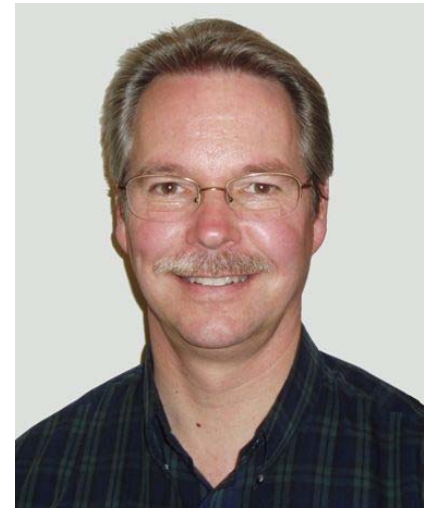
SKYWARN is the receipt and effective distribution of National Weather Service information. For more information contact Wilson Sellner WB7RRZ or visit www.wyomingskywarn.net



SHY WY Member Profile

Chris Bosselman, KF7QHD was raised in Denver and “temporarily” move to Cheyenne in 1993. He received his General license in the summer of 2011, and set up his shack about 10 months later. He has been involved in personal and family preparedness for thirty years, and initially became interested in amateur radio as a more reliable method of communication when other options fail. Upon learning about the seemingly endless directions within the hobby, he was hooked! He has a desire to become active in ARES and RACES, (if he can

just make enough time to take the ICS classes!) Married for 28 years, he has four children and his interests include camping, fishing, hiking, watching movies, and serving the community. He is employed by the Wyoming Department of Health.



Proposed Club Budget

Club Treasurer Beth Wood, KJ7FC has proposed a 2013 budget for the club.

Beth based this years budget off of last years membership and expenditures. (see page 6)

With the new bylaw changes the offices will pay monthly bills according to

the budget. Any overages or item not in the budget must be approved by the general membership.

The budget is proposed at \$800 for the year. President Greg would like to provide the members with more incentives at the meetings and events but we need more members in order

for that to happen.

So if you want more snacks or an item with the new club logo bring a friend to the meeting and have them join.



SHY WY Amateur Radio Club Inc.

President: Greg Rix , WB7GR
 WB7GR@wb7gr.com
 Vice President: Rob Cleveland, N7EMA
 HRobCleveland@gmail.com
 Secretary: Jack Mitchell, N7MJ
 N7MJ@hotmail.com
 Treasurer: Beth Wood, KJ7FC
 KJ7FC@hotmail.com

SHY WY Amateur Radio Club
 P.O. Box 15712,
 Cheyenne, WY 82007
 Greg Rix, President
 (307) 772-1972
 Shywyarc@gmail.com

On the Beam

Public Service Events:

MS Walk	April 6, 2013	Fred KD7LLF
Wyoming Cares	May 11, 2013	Joe KA7VIS
Relay for Life	June 7, 2013	Pam KE7UUD
Cheyenne Frontier Days	July 19-28, 2013	Bob WB7T
Ride for Sight	August 11, 2013	Scott W7WRO
Race for the Cure		
Walk in My Shoes		

Ham Radio is a Contact Sport



Local Repeaters:

146.775 –	114.8	Local Area - Albin Link
147.105 +	114.8	Local
147.165 +	114.8	Albin, Wyoming–775 Link
146.820 –	114.8	Pilot Hill Cheyenne/Laramie
449.975 –	color 2	Digital Mobile Radio
447.225 –		D Star
449.300 –	131.8	WU7G IRLP

(if you want your repeater listed here let N7EMA know)

VE Sessions

SHY WY ARC

Capital City

Contact: Wilson Sellner WB7RRZ
 Location: Wyoming Highway Dept
 May 18, 2013
 August 24, 2013
 November 16, 2013

Contact: Greg Galka N7GT
 Location: LCCC
 April 13, 2013
 June 1, 2013
 August 3, 2013
 October 5, 2013
 December, 7, 2013

Club Events

Monthly Meeting - 2nd Tuesday of every month 7pm -
 Located at Laramie County Emergency Management 3962
 Archer Parkway.

Saturday Breakfast - Arby's on North Yellowstone Road -
 begins around 8am

Sunday Morning Club Net - On the air net open to all
 amateurs 7am MDT on the 146.775 repeater

Tuesday Lunch Meeting - 12pm noon at Culvers on
 DelRange Blvd

Upcoming Events:

Fox Hunt	TBA - May	
Field Day	June 22-23, 2013	Mike W7MEW
Super Day	June 22, 2013	Brian N7BAM
Club Picnic	July 13, 2013	Bob WY7HR
High Plains Roundup	Sept 7-8, 2013	Tom WY7KY
Turkey Hunt	TBA - November	
Christmas Party	December 10, 2013	TBA

Proposed 2013 Budget

Expense Category	Planned Expense	Actual Expense	Variance
Richard Wunder Fund (YEARLY)	\$100.00	\$0.00	\$100.00
Equipment Rent / Lease	\$0.00	\$0.00	\$0.00
Product / Material			
Coffee	\$0.00	\$0.00	\$0.00
Meeting Snacks	\$95.00	\$0.00	\$95.00
Marketing Expenses			
Brochure	\$0.00	\$0.00	\$0.00
Website (YEARLY)	\$50.00	\$0.00	\$50.00
QSL Cards	\$25.00	\$0.00	\$25.00
Advertising	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Administrative Expenses			
Filing Fees (APRIL)	\$25.00	\$0.00	\$25.00
PO Box (MAY)	\$45.00	\$0.00	\$45.00
Office Supplies	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Operating Expenses			
Utilities (MONTHLY)	\$260.00	\$0.00	\$260.00
Insurance (MAY)	\$200.00	\$0.00	\$200.00
Other	\$0.00	\$0.00	\$0.00
Miscellaneous	\$0.00	\$0.00	\$0.00
Total Expenses	\$800.00	\$0.00	\$800.00