

The BEAM

ARMS Christian Fellowship Group



Fall 2014

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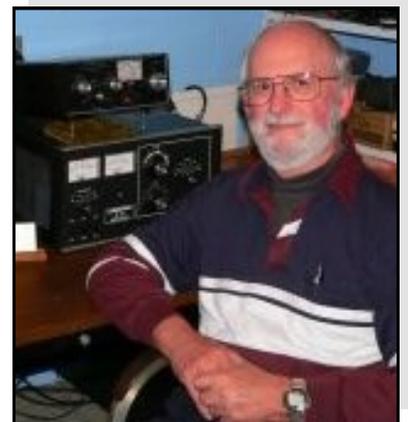
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From the President's Desk:

Gerry Brunk, K4RBZ

Greetings to all members of ARMS. In previous issues I have indicated my gratitude for those who are faithfully serving our organization. In this issue I want to thank one person in particular who has not been previously recognized. Many, if not all of you, have received birthday greetings from me over the

last number of years. The truth is that Frank Brodale, AG0M, has been the one who has sent these greetings in my name. He keeps a list of all ARMS members' birthdays, and not only sends the greet-



ings, but announces the birthdays on the net so that we are all aware of them. Frank is also very helpful with relays on the transcontinental net, and joins Dean Albertsen, K0TVJ, in assuming net control on Saturdays when I cannot be there. Many thanks, Frank, for all that you do for ARMS. Members of the Midwest section, in which Frank is active, continue to set up ARMS displays at hamfests, making us known to those who attend them. My thanks to all who are keeping ARMS alive and well.

We now have no director for the Central and Southwest sections of ARMS. Is anyone in these sections willing to volunteer for this responsibility? If so, please let me know.

Gerry Brunk, K4RBZ
President

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The BEAM

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Southeast.....Denis Parker, WD4ACH

Midwest.....Tom Hauskins, AAØLF

South Central.....Boyce Guffey, K5VSP

Rocky Mountain.....Gene McGahey, AL7GQ

Southwest.....Open

Northwest.....George Wood, KA7HGE

Canada.....Art Hiebert, VE5ARJ

ARMS Christian Fellowship Section Nets

(Local time: Frequency in MHz)

Eastern.....Mon & Thurs, 0700 3.907
Sat, 0900

Southeast.....Sat, 0900 7.193

Midwest.....Sat, 0700 3.9035

South Central.....Sat, 0800 7.172

Rocky Mountain..Sat, 0700 3.805

Southwest.....Sat 0945 7.233

Northwest.....Thurs, 0720 3.965

20-Meter.....Mon-Sat, 1500 (ST) 14.3075
1400 (DT)

Halo Net.....Daily, 1800 21.390

20 Meter Net Control Managers

Monday.....Jay, KCØORJ, Bolivar, MO

Tuesday.....Wayne, WB7EIF, Monroe, OR

Wednesday.....Ken, AL7AX, Congress, AZ

Thursday.....Denis, WD4ACH, Knoxville, TN

Friday.....Boyce, K5VSP, Cash, AR

Saturday.....Gerry, K4RBZ, Harrisonburg, VA

From WD4ACH : : Some of the guys from S.E Section get together for a cup of Java.



Net Manager Report:

Boyce Guffey, K5VSP

This is a day that the Lord has made, and I will rejoice and be glad in it..

Psalm 118:24.....And what a beautiful day it is in Ar.....and all over the world.

Do want to thank all who prayed for me these last couple of weeks.....as my wife say's, this getting old is inconvenient.....and it is.....thanks to all you guys who help with relays because without you we wouldn't be able to get anybody on certain days.....and to those of you who are able to check in, it's always a pleasure to be able to hear you....as we can see it takes the whole body of Christ to do the work.....



Exodus 19:5,6. Now then, if you will indeed obey My voice and keep My covenant, then you shall be My own possession among all the peoples, for all the earth is mine verse 6. and you shall be to Me a kingdom of priests and a holy nation. These are the words that you shall speak to the sons of Israel."

1 Peter 2:5. You also, as living stones, are being built up A spiritual house for a holy priesthood, to offer up spiritual sacrifices acceptable to God through Jesus Christ...verse 9 But you are a chosen race, a royal priesthood, a holy nation. a people for God's own possession, that you may proclaim the excellencies of Him who has called you out of darkness into His marvelous light.

Revelation 1;6 and has made us to be a kingdom, priests to His God and Father; to Him be the glory and the dominion forever and ever...Amen....

Just a few scriptures to encourage us....out of NASB..

Boyce Guffey K5VSP

SOUTH CENTRAL SECTION REPORT:

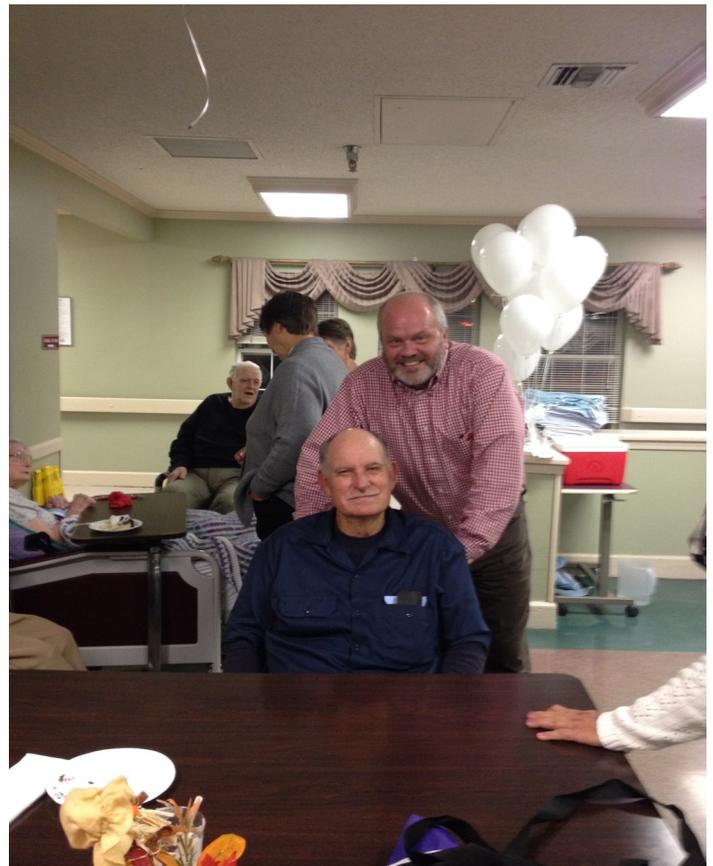
We are in the process of trying to change frequencies to see if it helps us to communicate better....using 40 meters at 71183. still don't know if this will work until we get a chance to check it out...we've had some great Bible studies where we have been on 80 meter...

but cant communicate as we would like.....God bless....

Boyce Guffey K5VSP..

Addendum::I would like to change our 40 meter net gathering place on Saturdays...I believe we're going to use 7.172.00 instead of 7.118.3 ..that seems to be a better place for now K5VSP

Photo: with K5DJU



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Midwest Section Report:

Tom Hauskins AAØLF

The Midwest Section held our Annual Get Together this year in West Bend, Iowa at the Grotto of the Redemption. Construction was started in 1912 as Father Paul Dobberstein labored 42 years, winter and summer, setting ornamental rocks and gems into concrete. The Grotto is a composite of nine separate grottos, each portraying a scene in the life of Christ. We started with a tour, had lunch, then the annual meeting. Members attending in the back row, Frank AGØM and wife Vicky, Keith WAØJGT, Neale KØLHJ, Ken KBØQBU, Roger WØZMU and wife Joyce, Cindy K9IYO and husband Les, W9MGM. Front row, Craig KCØYHU and wife Barb KDØNEZ, Ken's wife Cora, Tom AAØLF, and Max WØQCB. The fellowship was enjoyed by everyone.

Membership in the Midwest increased by a couple members to include Roger, WØZMU who is welcomed with open arms and now resides in Pella, Iowa. Roger graciously accepted the position of Secretary for the Midwest Section. He also volunteered to collect prayer request and distribute them to section members. Another active member from Roger's neck of the woods, Dennis KKØDJ, who lives just outside of Pella Iowa.

Dennis, KKØDJ, and I attended the 3900 club Hamboree in Bellevue, Nebraska on September 27th passing out information about ARMS. Any Section who would like to set up a display at a local hamfest in their area, please contact AAØLF, Tom Hauskins for assistance. The next hamfest is scheduled at Davenport, Iowa on November 2nd, 2014

The ARMS Midwest Section Saturday Net typically has 8 to 10 check ins per week. The last few weeks we are averaging 12 to 14 check ins. We start at 7 AM CT on 3903.5 Mhz. All sections are welcome to check in.

Tom Hauskins AAØLF
Midwest Section Director

Pictures of Lunch at the Grotto, Annual Meeting at the Grotto, Group Picture at the Grotto, Welcome to the Grotto and the Bellevue, NE Hamfest with Dennis KKØDJ and Tom AAØLF.



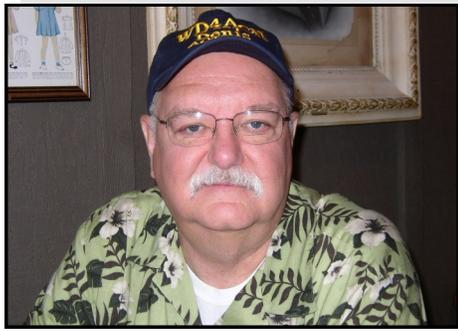
Pictures Continued next page



Southeast Section Report:

Denis Parker, WD4ACH.

The Southeast ARMS Had our last Annual get-together in Sevierville, TN. We reported on this in last BEAM.

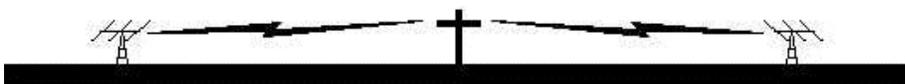


Our next get-together plans are incomplete at this time. We are having good turnouts on the 40 meter net on Saturday @7.193 @9:15AM. Please join us if you can. We have anywhere from 3-8 checkins each Saturday. Even so come Lord Jesus!
Bro Denis Parker WD4ACH

Here is a photo of Dave Newell WA4DUP @ his new Ham Shack.



Pictures Continues from Tom previous page.



Northwest Section Report:

George Wood, KA7HGE

As was probably the case on many of our nets the subject of the summer's extraordinarily hot temperatures was evident on our Thursday 80M ARMS Net reports from around the Northwest. The string of 100-plus days seemed never to end. But fall has arrived and cooler temps are here to be enjoyed by all.

As we noted in the last BEAM we opted to go to a rotational net control to spread the duties out over our membership. For the most part it has worked out well. Having said that, flexibility is part of the mix that makes it work.

It's been good to have Stan, KD6WZA, back on the air from Happy Camp, California. Stan is our "southern" station, as Wayne, VA7GF, is our "northern" station at Grand Forks, British Columbia. Stan is Pastor of the Happy Camp Bible Church and enjoys opportunities to ride with local Sheriff's deputies on patrol and special calls. Wayne has made several trips to Peru to assist Ray Rising, K4LWJ, with technical issues for the several broadcast stations including Radio Logos that reach ethnic populations with the Gospel in some very remote areas. (Wayne's article with photos will be found elsewhere in this issue.) Bob, WA7BYD, Grants Pass, Oregon, joins us when he can. I talked to him on the landline this evening and suggested that instead of his wife Mae getting a walker, they might consider a Harley-Davidson! Wayne, WB7EIF, Monroe, Oregon, is Net Control for the ARMS 20M Net on Tuesdays. His wife has a Postal Service rural delivery route that adds up to lots of miles traveled. Dave, W7PTL, Port Angelus, Washington, (wife Ann) will return home on or about October 24th from a short-term Wycliffe mission's trip to India to assist translators with English usage.

George, KA7HGE, Puyallup, Washington, and his wife Elsie keep busy in Bible study ministry and active with regular visits to the YMCA. Ora, KE7BF, is in the hospital here in Sunnyside as I compose this report. He had initially been diagnosed as having kidney stones. Wife Connie took him on a hurried trip the ER last night and tests, including a CAT scan, led to a diagnosis of diverticulitis. He's on antibiotics and will go home tomorrow

Keep them in your prayers. John, K7BXF, Glead, Washington, keeps so very busy with his acreage during the summer months that he has not been able to check in. Here in October he and wife, Vi, are trailer-traveling here in the Northwest. Mike, K7PTL, and wife Mary, K3PTL, Stevensville, Montana, enjoy their summers and early fall in the beautiful Bitterroot Valley. But the end of November will see them trailering south to Tucson for the winter months. And as for Chuck, N7AAG, I keep busy with daily visits to be with my wife Marilyn at Prestige Care here in town. I check into the 20M Net when I can and usually can make the Thursday 80M NW Net. This past year has had a number of bumps in our road, but time after time the Lord proves Himself faithful and well-able to care for His own.

George Wood, KA7HG

Heb 13:3 Remember the prisoners, as though in prison with them, and those who are ill-treated, since you yourselves also are in the body.



Central Section Report:

Open—looking for volunteer

[Thanks Doug for all your work in past years]

Southwest Section Report:

Open—looking for volunteer

Eastern Section Report:

Larry Hodge, W2PT



The Eastern Section of the ARMS Net continues to be very active. We meet Mondays and Thursdays at 7:00 AM Eastern Time and Saturdays at 9:00 AM Eastern time at 3907 kHz. We average 8 checkins on Mondays, 6 on Thursdays and from 4 to 8 on Saturdays. We maintain a prayer list which is updated and e-mailed to those who want it. The list consists of both missionary and local requests. Anyone from any section is welcome to have a request put on the list or to receive the list. Please let me know. In either case my e-mail address is lhodge50@aol.com. Net control duties are shared by net members who have been very faithful in seeing all nets are covered. Net controllers include Bob, W2CYO, Wil, WA3OJN, Wally, VA3WIT, Duane, AA2I, Don, K3RYV, Bill, WB1DQT, John, WB2SQX, and Larry, W2PT. In addition, the first Monday of each month is "Missionary Monday." On that day net members are encouraged to bring before the group a specific missionary they pray for and support. The name of the missionary, their field, and a brief description of their work is shared. On August 23 we enjoyed our annual picnic (picture at right top) at the QTH of John, WB2SQX and Sue, KD2AQR Babbitt. Present were Don, K3RYV and Adele, WA3ASE Birx, Wally, VA3WIT and Judy Janzen, Larry, W2PT and Pat, and of course John and Sue. Great food and fellowship was enjoyed by all. We continue to praise the Lord for his goodness and trust God's blessings will rest on each of you in the coming days.

Rocky Mountain Report:

Impromptu report by James Fisher.

The Rocky Mountain Section continues to have only a few hams so no Rocky Mountain Net has taken place. I had plans to attend the Glacier Ham Fest in northern Montana, but due to a two week illness, I was unable to make it. I had hoped to represent the ARMS group there with a display.

In the last BEAM edition I asked if there was any interest in an ARMS net in the evening on 75 or 40 meters. So far there has been only a few interested. I still hope to see this idea take off and use this net to connect with the Rocky Mountain group and to include others as well.

I think Mike K7PTL is having some success with checking into the NW Net, but I am a little light from my location. Perhaps with the longer nights this condition will improve.

I still like the old tube radios, but am getting a little burned out with repairs so I may sell off a few. I am hoping to work the 160 meter band in the future as I have acquired an amplifier that covers that band. My antenna is marginal so an amp helps. I would like to take a class in MS Publisher this spring.

God's best to all on the ARMS Net.

James Fisher



Canadian Section Report:

By Art Hiebert VE5ARJ

Hi all from Saskatoon this time. Yes I and my family have moved from Nipawin to Saskatoon. Big move and we are not finished yet, we have a house yet to sell in Nipawin in spring. As for our yearly drama Bethlehem live, it is still going on this winter without us unfortunately, although we will be talking in one night there. The dates are Nov 13-15 starts at 7:30 pm. at the Alliance church. This drama will be seen from the wise men point of view.

I do not know how long I will be off the air. But, I do have email and possibly echo link and cq 100. Catch you next time around. 73
God bless. Art

Special Report: by Chuck N7AAG

I'm attaching 2 photos taken on October 4th at the Sunnyside (WA) Sunshine Days Parade. Our oldest son, Brian Winter (KA7IAC), is running for Yakima County Sheriff and this would be the last opportunity for his Mom to see him in his campaign car. The staff at Prestige Care here in town – where Marilyn is a resident - went the extra mile in making sure that Marilyn and 5 other residents got to the parade route.

I got to ride “shotgun” with Brian and his wife, Tammy. She drove and he sat up on the back seat of the borrowed 1957 Chevie Bel Aire. As we approached Marilyn and the others I could see the Activities Director holding Marilyn’s face and pointing at Brian who was waving and calling “Mom! Mom!” She responded with out-stretched arms, a huge smile and a cry of “Brian! Brian!” It was a very emotional moment.

The first photo shows the Chevie with myself, Brian and his wife, Tammy, as we came abreast of the wheelchair residents. The second photo was taken an instant later of Marilyn as she watched her family passing by.

I thought perhaps this could be a blessing for the many who have prayed for Marilyn during these last ten months and for those who are aware of our son’s campaign running, as he is, as a “conservative Christian.”

73/99

Chuck N7AAG



Special Picture from AL7AX

A picture of Roger and Karan Bowman, AD4GQ, that I took. We were at Cabela's with Roger eating his favorite buffalo burger. We had a great time of fellowship and it was so good to meet them after a few years of ham radio contact.



Missionary Report: by Wayne Borthwick, VA7GF

In January 2013 many ARMS members may remember praying for an Ethnic Radio project in Huancayo, Peru. The project was to put a 1380KHz 1KW AM station on the air at a new location, 11,200' msl, just outside the city limits. ARMS members VA7GF, Wayne and W4PFM, Paul went down to install the antenna match network and a brand new 1Kw solid state AM transmitter bought through a distributor in Lima. On arrival they found the TX was delayed from the factory in Chile so only the antenna system was able to be completed. Several months later the distributor installed the transmitter which only worked properly for brief periods in the following year despite numerous repairs and upgrading of the transmitter plant by Ethnic Radio, the distributor, and the station owners.

Finally in July 2015 after several months of off air, K4LWJ, Ray and VA7GF decided to make the trip to Peru to find what was wrong and get the station running. Arriving on site Aug. 18 they found a local engineer had had resurrected the original tube TX a week earlier just to get the station back on the air. The worn out pair of 4-400 tubes provided a paltry carrier output of 250W! The new solid state TX, repaired by the distributor, was promptly hooked to the antenna instead and powered up. Everything looked good with 1Kw indicated out, so the crew left for the hotel in Huancayo listening to the station in the taxi during the ride back. By the time they got to Huancayo an hour later they noticed a lot of distortion on the signal and an apparent drop in modulation. Sure enough the next morning Pastor Javier, station manager, reported the TX had tripped off about two hours after power up, the same symptoms he had been dealing with for the previous year. So... next day back up to the TX site. Hook up 1KHz audio gen to modulate the 1Kw carrier to 100% while watching output on the PC O'scope. For the first 45 min. modulation looked good. Then, sure enough, slowly the negative peaks start rising above pinch off at the same time flattening off. Strange symptoms, usually have problems with the positive peaks! In any case we don't have the ability to trouble shoot to board level easily in Huancayo, so, with some discouragement, the TX is shipped by truck back to the distributor in Lima, while the next day the crew take the 6 hr. Grand Prix taxi ride back to Lima. PTL the distributor let VA7GF work on the TX in their lab and after a day of troubleshooting, he found the problem, a 10 turn pot with no internal connection to the wiper. Turns out where it was in the low level audio circuit caused the negative peak clipper circuit to slowly raise the clip threshold, eventually raising the average RF power to a point it either tripped off the TX or blew an RF amp.

[Continued next page]



.Apparently no one previously had watched the output on a scope long enough to see the relatively strange symptom. By now its Aug. 23, the weekend, so the TX is shipped to arrive back in Huancayo on Mon. Aug. 25, Transmitter is reinstalled and run at 100% sine modulation for two hrs., no sign of distortion. Antenna checked for arcs on positive peaks using a directional coupler and PC O' scope. No problems, PTL. There had been misgivings about support insulators on the tower. Reconnect the audio from the studio. Yuk, the signal sounds terrible. Problem is isolated to the rudimentary UHF STL (Studio to Transmitter Link) heavily distorting between TX in and RX out. Troubleshoot. Problem: 10db level mismatch between studio audio console out and the STL transmitter in. Result, TX FM deviation into the stratosphere. As no input level control is found in the transmitter (we did say rudimentary) its recommended an input level pot be installed on the TX to adjust input sensitivity to 0dbm to match the console out. Also the software AGC in the computer Radio Play Software is not enabled allowing large audio level changes between different programs or songs. Pastor Javier is shown how to enable it and check it periodically. Aug. 27 station been running continuously for a day and a night with no problems, PTL. Time for VA7GF to catch the overnight bus back to Lima. Thank you all for praying. Many thousands now able to hear Gods book in their own language, Quechua. To God be the glory.

To see these points of interest, plug coordinates in Google Maps Satellite View search window.

TX building and circle of the fence around the tower base at coordinates: -12.002316, -75.185787.

Ticlio Pass @ 15,800'msl, highest point Grand Prix track, Lima to Huancayo: -11.598490, -76.192062.

Ethnic Radio projects can be found at:
www.ethnicradio.org

[Extended Missionary Report]

We had to extend our trip 4 days due to not being able to get things out of Customs. We arrived back home last night around 10:30 PM, October 3. In spite of many obstacles Praise the Lord we got the station on the air! Thanks for praying.

With a loner transmitter (other one still in Customs) we got the station in Llata on the air September 30 in test mode. That was the goal and Peru government requirement.

For two hours a day music and Scripture is being broadcast. Cell phone contact with numerous Quechua communities up and down the Andes valleys prove that the signal of URVC 99.3 FM is getting through well. Air time will increase as programs are made.

It's good to be home and to feel warm (very cold in Llata with no heat in buildings so had to wear layers of clothes and sleep in them with several wool blankets!) and to have my stomach settle down. Usually takes me several days to feel somewhat recovered from change in climate, altitude, water and food. But worth it all to hear the excitement of these highland people being able to hear scripture and music in their own languages.

We value your partnership!

Ray Rising

"For if you believed Moses, you would believe Me; for he wrote of Me.

⁴⁷ "But if you do not believe his writings, how will you believe My words?"

(Joh 5:46-47 NASB)



Old TX



TX site local audience



New TX



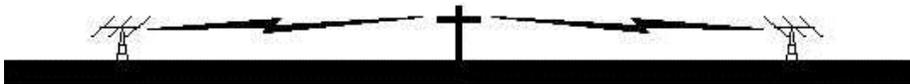
Get that wire tight



Pastor Javier, VA7GF, Local engineer, his helper, K4LWJ



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2014 TREASURER'S Report for ARMS	
Balance as of 5/31/2013	\$ 287.70
INCOME:	
Membership Dues, Tracts, Pins & Gifts	2072.80
Total Income	\$2072.80
SUB TOTAL	\$2360.50
EXPENDITURES:	
Printing and Mailing:	
Spring 2013 BEAM	\$1346.90
Fall 2013 BEAM	Printing 289.78 Mailing 372.24
Postage and Mailing	Tracts & Pins 55.02
Bank Charges	93.00
Reimb. Ora Gifford Mailing Labels	13.67
Office Max for Envelopes	8.65
Total Expenditures	\$2182.26

