

The BEAM

ARMS Christian
Fellowship Group



Spring 2010

Missionary Report:

Ray, HK3SR & Doris Rising

January 7th we flew to Leticia, Colombia. It took us some time to adjust to the hot and humid weather (not sure we did!). Ray was to oversee the construction of a larger septic tank for the Alfararo Indian Bible Institute. The contractor spent the first week gathering the supplies he needed while we prayed for some dry weather. It was supposed to be dry season but it rained almost every day which made it very hard for digging the hole without the sides caving in and as you can see in the picture included there was a lot of bucketing out of water. We're sorry to say we had to turn the overseeing of this project to Clay and Bev Strom (translators) who returned to work there when we left.

The last four days we were there Moe and Edna Gingrich from Waxhaw, N.C. came to visit. Ray and Moe were able to help Eladio (Yucuna co-translator) purchase and install with funds sent to us a small power generator at his home so he can continue to work on New Testament revision on his computer and then send it by email to Stan and Junia Schauer (translators) in California. He had already sent them 1 Peter before we returned to Bogota! Also they purchased and installed a new stove for the Bible Institute as they only had a two burner stove and at one time had to cook for 50-100 people.

We took a day trip on the Amazon River before leaving. We went to a primitive resort area where we were guided through the jungle (sure glad they provided

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Moe, Edna, Ray & Doris. Fishing poles?

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The BEAM

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1323 Colts Pride Dr, Fayetteville, NC 28312-7004.

E-mail: k0rrp@embarqmail.com

Website: www.qsl.net/arms

Editor-in-Chief.....Mike Eagen, K0RRP

Tape Editor.....Denis Parker, WD4ACH

Webmaster.....Dale Holloway, K4EQ

Officers

President.....Gerry Brunk, K4RBZ

President Emeritus.....Charlie Cox, K7AQ

Vice President.....Mike Rafferty, K7PTL

Secretary/Treasurer.....Ora Gifford, KE7BF

Net Manager.....Boyce Guffey, K5VSP

Section Directors

Eastern.....Larry Hodge, W2PT

Central.....Doug Schipull, KC9OMS

Southeast.....Denis Parker, WD4ACH

Midwest.....Arnie Kopischke, WA0DFT

South Central.....Boyce Guffey, K5VSP

Rocky Mountain.....Gene McGahey, AL7GQ

Southwest.....(vacant)

Northwest.....George Wood, KA7HGE

Canada.....(vacant)

ARMS Christian Fellowship Section Nets

(Local time: Frequency in MHz)

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

Sat, 0900

Southeast.....Sat, 0900 3.900

Midwest.....Sat, 0830 3.905

South Central.....Sat, 0800 7.2265

Rocky Mountain..Sat, 0700 3.805

Southwest.....Sat, 0945 7.233

Northwest.....Thurs, 0720 3.965

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

1400Z (DT)

Halo Net.....Daily, 1800Z 21.390

20 Meter Net Control Managers

Monday.....Jay, KC0ORJ, Bolivar, MO

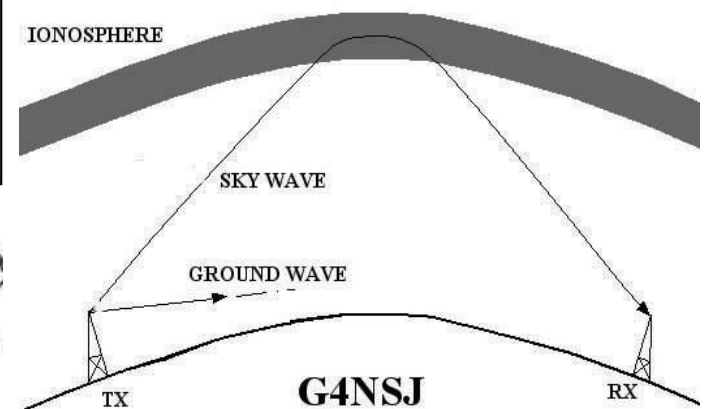
Tuesday.....Ora, KE7BF, Grandview, WA

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

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

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

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



This is an excellent pictorial of the difference between a ground wave and a sky wave and why a sky wave travels further in RF communications.



Northwest Section Report:

George Wood, KA7HGE

The Northwest Section of ARMS continues to meet each Thursday morning on 3.965 KHz at 720 am PT. Propagation at times during the winter months has been rather difficult especially at the beginning of the net. But with perseverance we have been able to carry on each week.

A newcomer to the Northwest Section is Gene Knight who resides in Leaburg, OR, just a few miles from Eugene. The following is his bio:

"I was born in San Diego, CA in 1942 then we moved to Encinitas, CA where later in my teens I became a ham at age 14, with the call sign KN6YIS. We then later moved to Eureka, CA. In 1957, when I met my wife to be, "Jan", we were married in 1963 and lived in Bayside, CA. We had 3 children there and we received Jesus Christ as our personal savior in 1970. Shortly thereafter, we received the call into the ministry in 1971 and moved to Eugene, OR to attend Bible college. I graduated in 1974.

We have since then pastored three churches, started a Christian school, and worked as an associate pastor in several other churches. I am presently retired and keeping busy with our three children, nine grand children, and one great grandchild. My wife is still working in her own business as a massage therapist.

The blessings of the lord upon you all!

Gene, K6YIS"

We have about eight who check into the section net regularly including: Ora KE7BF, Chuck N7AAG, Bob WA7BYD, John K7BXF, Wayne VA7GF, Gene K6YIS and I.

We're sorry that Dave W7PTL has not checked in since he moved into Port Angeles. About the same time he was also remarried. We're hoping that we will hear from him soon.

73s/99s

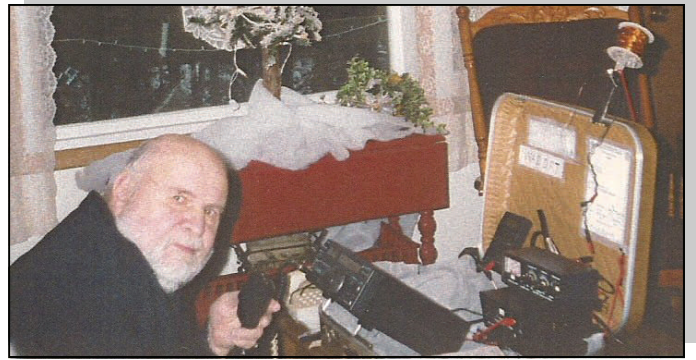
Chuck Winter, N7AAG *"Amateur Radio Spoken Here"*

Most of you who read this devotional are members of the "fraternity of hams." You get a great deal of pleasure and enjoyment from using your equipment and skills to literally send your voice "around the world." One of the skills that hams are rightly proud of is the ability to communicate using Morse code; unless you understand Code, the sounds are just a jumble of meaningless tones. But if you have an "ear for code," you hear words and even phrases in this unique language. All those same skills are utilized to help in special times of need with emergency communications. Two, other pleasures we enjoy are on-the-air and in person fellowship.

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Midwest Section Report:

Arnie Kopischke, WAØDFT



Well, we start our report on a sad note but we look for the Blessed Hope. Howard D. Hauskins of Cedar Rapids, IA, father of Tom, AAØLF, went to live with Jesus on December 28th, 2009. Howard had a great interest in radio and had the call sign NØRSK, but it was by default. I'll explain. Howard never tested for the FCC license and it was at an ARMS gathering in 1994 in Mankato, MN that Jay Sudenga, KØGAZ (SK) walked over to Howard with a black marking pen and drew a line through the letter "O" of the word "NORSK" that was printed on his bright red suspenders. Jay exclaimed "there I just made Howard a ham, NØRSK". We all had a good laugh about that one.

I called up some of the ARMS members that I have phone numbers and the other day I talked with Tom. He looked up his father's old call on QRX.com and it had been assigned to another ham who lives right here in Mankato. We extend our sympathy to Tom and his family.

Mark your calendars now for the only announcement for the Midwest Section meeting on July 31st, 2010 at the Pizza Ranch located at 124 N. 2nd St. in Le Sueur, MN. Our hosts will be Fran, KCØCSU and his xyl The talk-in is 147.24 MHz and we will gather at 10:30 AM at the restaurant. Our illustrious Sec./Treas. says that there is no money for postage to send out invitations but please RSVP to Fran at 507-665-5075 or myself at 507-625-8083. I am not a pizza lover but they have a good buffet with all kinds of salads, mashed potatoes, gravy, vegetables roasted chicken, deserts, and other goodies and your drink. Please remember Fran in your prayers as he needs a kidney transplant when a donor is available.

When we had the ARMS national meeting a few years ago I expressed a desire to relinquish the Midwest Section director's responsibility to someone else but that I would stay on to keep things going. It seems that if I try to pass it off that no one

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wants it and all I get is “yeah yeah yeah Arnie, you are doing a great job”. If someone is curious about what the job involves, just ask me or Gerry Brunk, our president. It isn’t a lot of work and you can have a meaningful input into the success of the Section and ARMS.

Our net still meets on Saturdays at 8:30 AM on 3.905 MHz or lower. We sometimes get as many as ten check-ins on a given Saturday.

I called Ken, W5TUM (ex KØKCJ) the other day to see how things were going. They live in an assisted living complex, so no hamming allowed. Ken is the one who got me started into ARMS and it was at their house in Waseca, MN that I attended my first ARMS meeting back in 1964. He was a real Elmer to me. I also had a nice chat with Russ, WAØNPH. Unfortunately, he can’t ham due to living in an apartment complex. I also had a chat with Jim, NOØB, who has the same problem. Max, the xyl of WØQCB (SK) now has her General Class license as KDØEBC. Tom, AAØLF is going to work with Max to get her on the air.

I did some other checking around and found out that Dean, WBØHJG, was a SK March 13th, 2008. I call Mary, “WØMOM”, now and then. I gave her the “mom” call. She is Karl’s, WAØTFC, mom. He lives at a nursing home in St. Peter, MN and Mary also lives in assisted living in St. Peter. She asks for your prayers.

The other day I was looking at some pictures of the ARMS gathering in 1967 and counted 18 hams in attendance. Today we get about a half dozen! We need to get new ones into the ARMS Group.

In closing, keep looking up, keep our missionaries in your prayers, and as the Word says in Ps. 122:6 “Pray for the peace of Jerusalem. May they prosper who love you”. Jesus is coming again!



CW really isn't *THAT* hard!

Dave Shortess Writes Books and Puzzles:



Dave, W7PTL & Ann in their back yard QTH.

Ever wonder who writes those terrific puzzles at the back of the BEAM? Wonder no longer since it is Dave Shortess, W7PTL, and I think that his xyl Ann also helps a great deal. You may also be interested in knowing that Dave has published books.

I have had three books published dealing with the Christian faith, but none connected to ARMS or ham radio.

The first, called “LIKE SHEEP AMONG WOLVES, THE FELIX VALENCIA STORY”, is the true story of an Ecuadorian national who is a pastor, church planter, evangelist, Christian school administrator and more, working deep in the jungles of Ecuador. I met him when I travelled to Ecuador with a group from our church on a short-term mission trip. As a young man he was an avid Communist, but while spending time in prison for a daring daylight robbery, he became a Christian. When he was released, he was on fire for the Lord, went to a Bible school and then to seminary. He was a highly effective preacher, but he gave up a very promising pastoral position in Quito to return to the jungle to bring the Gospel to his people, who had never heard it. There he encountered strong opposition from those following the dominant religion of the area, animism, or spirit worship. The ISBN is 1-59129-399-5.

The second book is called “HE SHALL DIRECT YOUR PATHS”, and is a personal account of a car trip that I made with my wife and two daughters from our home in New Mexico to Amman, Jordan in the Middle East. It is based on Proverbs 3:5-6. None of us had ever been overseas, and we made the trip essentially without making any reservations along the way. We depended on the Lord to direct our paths, and time and time again we saw His hand doing just that in very clear and unmistakable ways. The ISBN is 1-4137-0492-1. Both these books are available on Amazon.com.

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Net Manager's Report:

Boyce Guffey, K5VSP

This is a day the Lord made, I will rejoice and be glad in it...say's Psalm 118.24. As we want to stay on the positive side of things we want to thank all of you that check in, whether it's daily or only when you get a chance, without you there would not be any reason for us as Net Control operators.



We also want to thank the Net Control operators for the time they give to keep the Net going, although the anticipation of who may be next keeps us all going. See page 2 for a listing of net managers with time and day of operation.

As we operate as a Christian fellowship net we still need to pause for a few seconds after a transmission to let others say "hi" if they want to. Once again we thank you for your help and cooperation in keeping the Net going. God bless all. Thanks for your prayers.

Central Section Report:

Douglas Schipull, KC9OMS

As the Central Section Director, I have little to write about this time. I have been spending the majority of my radio time trying to get my HF station up and running. I apologize for my lack of attention to ARMS. Once I get the HF rig going, I'll have more time for the Central Section.



I was personally involved with a local mission effort due to the Haiti earthquake. The Lutheran Church Charities of Addison, IL, called out the troops and we had close to one hundred volunteers collect, sort, package, and send by sea container, 43 tons of materials, items, and supplies to our Lutheran missionaries in Haiti. I was involved in the warehouse doing the sorting and packaging of the various items going to Haiti. I hope and pray that our ARMS folks also had an opportunity to help out as well.

Don Helling, Author from Alaska:

There is a lot of talent in ARMS. Don Helling was first licensed in 1965 as WA0NJZ. He has a Web site that describes himself and offers his testimony. Please see: www.donhelling.com

His first book is now available and is titled "Destiny". Set in a time when Colorado searched for statehood, "Destiny" depicts a heart-tugging story of the Old West. Hank Sloan follows his uncle's dream and heads west. When he steps off the train, everyone's life is changed. His romance with the newspaper man's daughter is compromised, by defending her father's supposed killer. He is envisioned by the townspeople as a villain, but solving the mystery reveals the truth. Destiny is the first in a series of recent pursuits by this emerging author, with work progressing rapidly on a follow-up. The only thing missing is sex and violence. ISBN-13: 9781-4327-19920



Don lives in Wasilla, AK with his wife and has one daughter. Gov. Sarah Palin recognized him as "Outstanding Disabled Man of 2008".

Radio Amateur's Prayer:

Joe Lanier, KE5NYS, sent this prayer which he got from a non-denominational Christian ham organization in the UK at www.wacral.org and was forwarded to The BEAM from Gerry Brunk, K4RBZ.

"Dear Lord and Father, HEAR us now as we call to You. RECEIVE this, our Prayer. Teach us to LISTEN to Your Word Keep us IN TUNE with Your Will. Grant us the CAPACITY to obey Your Commandments. Help us to RESIST evil and the SIGNALS of Satan. COMMUNICATE to all, on the earthly world, the joy of Christian fellowship. TRANSMIT to the hearts of all those who would HEAR, the comfort and strength of your almighty POWER. Through Jesus Christ Your Son and our Lord and Saviour. Amen."



(Continued from page 1)

boots!). When we got back to the resort we had a meal of fish caught in the Amazon along with the entertainment of several parrots.

Two Ticuna Christian leaders came to pick up a solar powered cassette player that was sent from JAARS. They had requested this for a pastor who works in the interior with a jungle tribe. One of our pictures shows them pointing out the location on a map. Their strategy is to reach isolated areas by media so we will be working more with them.

Moe was wondering how he could be helpful during the next week but it didn't take long for the word to get out that he could fix and clean computers. He worked on ten computers in total for the translators working here in Bogota! A day or two later our computer went blank and we thought "Oh no!" It turned out that our monitor had problems but when a different part was put in and it didn't work we were advised to buy a new computer. It is on order but in the mean time we are borrowing a monitor which is hooked up to our laptop. We're just glad we didn't lose everything on our computer and we can transfer it all when the new computer comes. Moe also helped Ray put up an antenna for his ham radio. Ray enjoys talking with Colombian ham operators as well as friends in the U.S. Doris had a very enjoyable time with Edna keeping the guys fed and just visiting. We did take part of a day to visit the gold museum in an area where the Presidential Palace and other government buildings are here in Bogota.



A market scene in Leticia.

We are partnering with you to reach the isolated areas of Colombia with God's Word.



Tucuna Christian leaders with Ray.

Pray for the pending projects scheduled for the next few months:

1. Modify a building for a sound studio for Crisalinco at the Central Training Center for Colombian missionary trainees.
2. A trip to Quito, Ecuador for a meeting with HCJB staff concerning helping radio stations in Peru.
3. Meet with local Christian radio station to pursue short wave license with them so indigenous programs can be aired to reach the Vaupes and Amazonian areas of Colombia.

Ray with Eladio installing the power generator for Eladio's computer.



Bucketing water out of a hole for a septic tank. Did you think they were building a tower base?



Southeast Section Report:

Denis Parker, WD4ACH

The SE Section of ARMS will celebrate our annual get-together on August 20 & 21, 2010 at the Huntsville Hamfest in Huntsville, Alabama, Lord willing.



We will take in dinner on Friday night and breakfast along with the hamfest on Saturday. Dave Gillespie WA4LLR says the Huntsville Hamfest is in the top five of hamfests in the Eastern USA. There are lots of things to see in the Huntsville area including the US Space & Rocket Center & the Redstone Arsenal.

Participants can make motel reservations at the Huntsville Days Inn or wherever you choose. The Day's Inn has a special rate of \$79.50 plus taxes per night using the ARMS Radio Group reservation. Please feel free to email me if you have any questions at wd4ach@juno.com I hope and pray you will make plans to attend.

We have a new member in the Southeast section: Harley Bullman, AJ7PI of Weaverville, NC.

Keep looking up, Jesus is coming.

Canadian Section Report:

Wayne Borthwick, VA7GF

Wayne, VA7GF went down to Colombia to help Ray with construction projects on March 29 and he provided these pictures for ARMS members.



Ray, HK3SR inspecting Miguel's job of converting the 600 ohm balanced output to 50 ohm unbalanced using a Pi-L configuration on the output of the 4CX10000 power amplifier to feed the common point on the 4 dipole array via 1 5/8" Heliax.

Eastern Section Report:

Larry Hodge, W2PT

The Eastern Section of the ARMS Net continues to be very active. We meet Mondays and Thursdays at 7:15 AM Eastern Time and Saturdays at 9:00 AM Eastern time at 3907 kHz. We average ten check-ins on Monday, six on Thursday and from four to eight on Saturday. 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 that all nets are covered. Net controllers include Bob, W2CYO, Wil, WA3OJN, Wally, VA3WIT, Corky, WA2KKF, 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.

We are pleased to report that Al, K2CAC is doing much better but is no longer able to get on the air. Al was very active in the past in the passing of traffic to and from the mission field. He maintained regular contact with the missionaries at ELWA in Liberia and also to the hospital in Sierra Leone. We continue to praise the Lord for his goodness and look forward to the day we meet "in the air" instead of "on the air. May God bless each of you richly in our Lord and Savior Jesus Christ.

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Russ, Wayne, and Miguel, who is the Colombian engineer that keeps the transmitters going. He is a believer and donates his time as well as two of his sons. One son is studying electrical engineering at the local university.

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The following is an e-mail message received by Chuck Winter, N7AAG from Wayne Borthwick, VA7GF while he was working with Ray Rising, HK3SR in Colombia. Wayne will return home to Grand Forks, BC in May.

Sunday April 25, 2010

Hi Chuck,

Good to hear from you. Just got back from church and dinner with Ray and Doris, here in Bogota. We got the HEXDIP finished on Thurs and got back to Bogota late on Friday. Everything went well. Had up to 6 people working on it this last week, digging in the coax, hanging the pulleys for support, clearing brush out of the way and then hanging the dipoles. The impedances came out very close to the simulation so we didn't do any tweaking on the antenna. The resonance was a little lower than predicted, as well as the common point impedance, but the SWR including the 4:1 transmission line transformer came out to 1.35 to 1, no problem for the tube transmitter. We left the 4CX10000 running 1.25A @ 5000v on plate. The ferrites on the transmission line transformer were only running about 6 degrees C above ambient, almost exactly what I had calculated, so everything looked good.

The security situation was not good in town so had to stay at the transmitter site the whole time but that wasn't bad. On our way back just as we entered the mountains to climb up to Bogota, hit a nasty rain storm in the dark which reduced visibility badly, especially when the windshield wipers should have been changed two years ago and the headlights seemed to be running on half voltage. I was wiping condensation off the inside of the windshield while Luis the driver was trying to keep on the road. Was a scary situation for awhile and passed one accident that had just happened, but we eventually came out of it. In all we really felt the protection of the Lord and thank all of those who are praying on our behalf.

Ray got the flu that Doris had just as we left for Lomalinda so wasn't able to go down and help. He has still got quite a cough and not up to snuff.

Greetings to all the ARMS brothers. Hope to be back in GF on Wed May 5.

73 & 99 Wayne, VA7GF



The Colombian built 5 Kw carrier (20 Kw PEP) output transmitter using two 4CX5000 for modulators.



The 50 ohm in by four way 50 ohm out L/C match network at the array common point. The 0.50 inch copper tubing runs warm with greater than 10 amps carrier RF at 6.01 MHz.



Missionary Report:

Tim, DU9/KE0Q & Gloria Hagquist

SHORT-TERM MISSION TEAM

We praise the Lord for the short-term construction team from First Baptist Church, Benson, AZ who was here March 5- 24. They jump-started the initial construction and plumbing on a new public restroom and made needed improvements and repairs at Hope Mountain. We praise the Lord for these faithful servants who were willing to give of their time and talents to move forward God's work here in Mindanao. They have been a great encouragement to us, our staff and the Hope Mountain Board.

CORPORATE MEETING

On March 6th, Hope Mountain Mindanao, Inc. held its Annual Corporation Meeting. Hope Mountain was incorporated with the Philippine Securities & Exchange Commission in May 2008 as a non-profit religious organization. The development of Hope Mountain has steadily moved forward to truly become a Center for Transformation. This meeting was very special because we had a ground breaking ceremony for the new public restroom facility. Not only did we have some of our key national leaders with us, but also our construction team from Benson, AZ. We are very thankful for how God has blessed Hope Mountain.

BUSINESS AS MISSION (BAM)

God opened opportunities for us to network and minister with Business as Mission in Davao City. A year ago we had the privilege of having Mats Tunehag, an International Consultant from Sweden who trains and mobilizes Christian business people to impact their neighborhoods, communities and nations with the Gospel of Jesus Christ. March 7-10, Mats was with us again to follow-up some key business people. We believe that BAM is an important component of fulfilling the Great Commission. Pray that business people will mobilize to impact their world for Christ.

PRAY FOR RAIN!

It's the summer season here in the Philippines and we have been experiencing El Niño since January, and there has been very little rain. Crops are dying, so farmers to consumers feel the loss of food and the increase of prices at the market. The water level is getting very low in the dams so the hydro-electric generating facilities cannot supply enough electricity, and water supplies are running low. As a result we're experiencing 2-hour brown-outs (no electricity) daily. Please pray for rain! This nation is already hurting, and this just adds to the problems. The only answer is Jesus Christ.

FILIPINOS IMPACTING AFRICA

One of the great things that we have an opportunity to see is God raising up people to touch the lives of others across the globe. We have had the privilege of becoming friends with and

mentoring a young Filipino couple, Evito & Ronde Salac. Evito is an architect and together with his wife, Ronde, have an up-and-coming architectural firm in Davao City. Evito is also a member of our Hope Mountain Corporate Board. A year ago this past January, Doug Porterfield, an architect from Glenwood Springs, Colorado and a committed follower of Christ, was able to spend two weeks in Davao. He spoke to local professionals, and architectural students and faculty at the University of Mindanao School of Architecture. Doug's main ministry was walking alongside Evito and Ronde as a fellow professional, a brother in Christ, and as a mentor. As a result of the relationship, Evito & Ronde have been invited to be part of a short-term mission team to be involved in the designing of a master plan for the Ferkessedougou Baptist Hospital in Cote d'Ivoire, West Africa through DPA Global Design which works in partnership with WorldVenture. Evito has had extensive experience in hospital design in the context of a developing nation, so the opportunity to have him as part of this important ministry team is crucial.

We are absolutely astounded at the way the Lord puts together global partnerships to accomplish His work around the world! Evito & Ronde are scheduled to leave for Cote d'Ivoire on May 12 and return on May 23. Pray that the Lord will meet all their financial needs and will use them greatly as they serve Him in this important ministry.

PRAYER NEEDS

- Continue to pray that the Lord will do a deep work in Mindanao. The spiritual and physical needs are very great and the only hope and answer is Jesus Christ.
- Pray that the Lord will provide the finances to complete the Public Restroom project. We still need \$13,000 U.S. to finish the whole project which will provide the sanitation which is desperately needed.
- The next three months will be very busy with summer camps. Pray that the groups coming to Hope Mountain will be blessed and the Lord will touch many lives. Also pray for our staff that will carry a heavy work load. Pray that the Lord will give them strength and health, and that they will be encouraged.
- Pray that Mike & Ghed Miguel will be able to develop their prayer and financial support team. They have been appointed as WorldVenture career missionaries and are working towards being part of the Mindanao WorldVenture team.
- Pray that the Lord will raise up an agriculturalist to oversee the Hope Mountain model farm. We need a person willing to stay long-term and committed to transformational ministries.
- Pray for Sandy Eckelberry as she works with nationals in missions mobilization.
- Pray that the Lord will give us wisdom in resolving a difficult staff issue at Hope Mountain.
- Pray that the Lord would continue to give us strength, health and protection.
- Above all, pray that the Lord will be glorified in all we do and say.

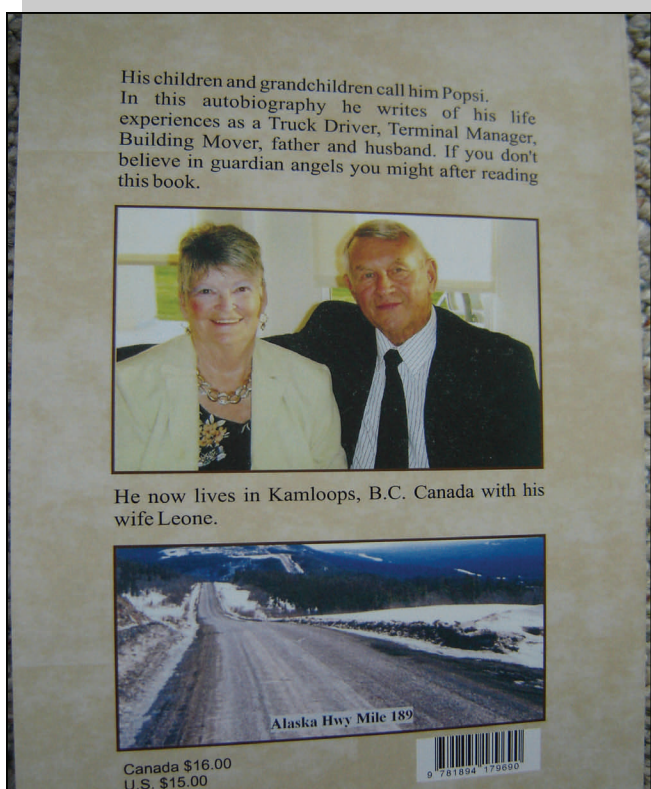
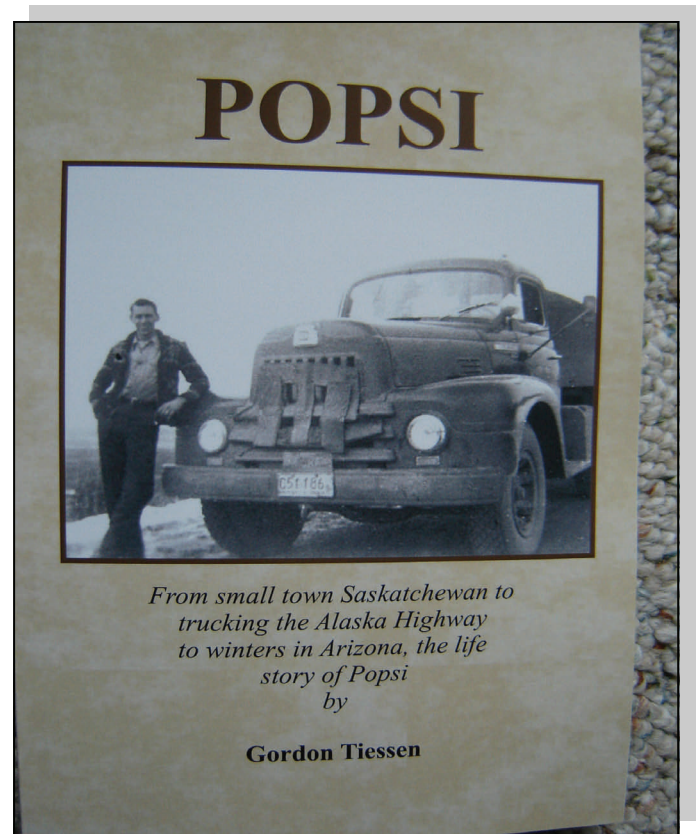


Gordy Tiessen, VE7BQA Writes Memoirs:

I have attached picture of front and back of book. The title is *Popsi* and that's a picture of me in front of the R195 International on top of Trutch Mountain Mile 195 Alaska Highway. The caption reads "From small town Saskatchewan to trucking the Alaska Highway to winters in Arizona, the life story of *Popsi* by Gordon Tiessen."

The caption on the back is "His children and grandchildren call him Popsi." In this autobiography he writes of his life experiences as a Truck Driver, Terminal Manager, Building Mover, father and husband. If you don't believe in guardian angels you might after reading this book. The picture is of Leone and me and the lower picture is of the Alaska Highway in the 50's. The price is U.S \$15.00 Canada \$16.00. ISBN 9 781894 179690.

I will investigate what the postage would be but I know I can UPS 20 for \$2.00 each. I have not investigated Amazon so don't know on that. I hope this is enough info to get it in The BEAM and thank you so much.



(Continued from page 3)

Two things my wife quickly learned about N7AAG, her-husband-the-ham; (1) I was constantly checking vehicle license plates to see if they are unique "ham plates" and; (2) sometimes my driving was a bit erratic going through new areas as I scanned the roof tops for ham beam antennas. But back to that skill we've called the "language of code."

(Continued at bottom of next column)

A shipping company once advertised for a Morse Code operator for ship-board duty. A number of applicants were waiting to be interviewed when suddenly one of them stood up, walked to the door marked "Manager of Operations" and walked right in without knocking. A moment later the door re-opened and the manager said "All of you can go home. The position has been filled." In that same waiting room was a speaker carrying ship-to-ship and ship-to-shore traffic in code. The Manager had inserted this brief message; "I will hire the first man who understands this message and comes through my door." Mystery solved.

In 1 Corinthians 2; 12-14, Paul is instructing us with regards to the wisdom of God. Beginning at verse 12 he writes, "Now we have received, not the spirit of the world, but the Spirit which is of God, that we might know the things that are freely given to us of God. Which things also we speak, not in the words which man's wisdom teacheth, but which the Holy Ghost teacheth; comparing spiritual things with spiritual. But the natural man receiveth not the things of the Spirit of God, for they are foolishness unto him, neither can he know them, because they are spiritually discerned."

We not only belong to the "fraternity of hams," but more importantly we belong to Christ and that makes us brothers and sisters. God has made us family members because of Christ's sacrifice at Calvary. Praise God, that as believers we know the Savior and "we know the language," and we can hear with understanding as God speaks to us through His Holy Word.



(Continued from page 4)

I have a third book, a totally fictional novel called "THE WEB WEAVER" that is not yet released by the publisher. I think it will come out sometime this summer. It, too, has a Christian theme, and has nothing to do with ARMS or ham radio. It is the story of a young man with no time for religion, especially the Christian faith, and with a very promising political career ahead of him. Through bad choices and circumstances, he becomes a suspect of a murder of which he is innocent. The ISBN is 1-4141-1417-6.

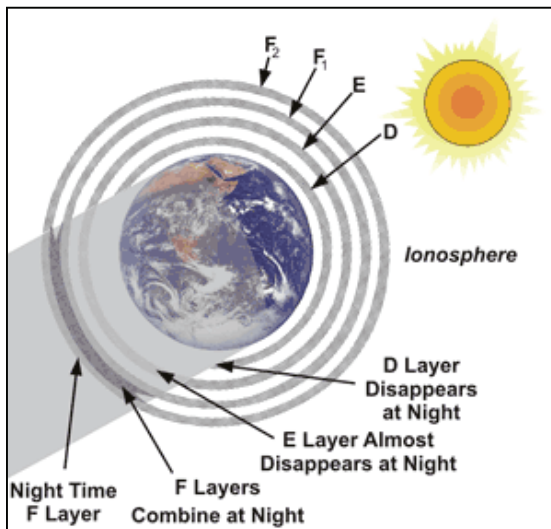
Check out these books on Amazon and enjoy them knowing they were written by a fellow ARMS member. Dave is in the Northwest Section so get him on the local net and perhaps have a section meeting for an eyeball.

You may already know that I lost my wife, Wealthy, back in 2008 after 59 years of married life together. She had been in declining health for a number of years and I was her very willing 24/7 caregiver. After being tied down for so long the first thing I did was travel to Alaska, San Diego and Texas. Then, since Wealthy and I had built our home together on six acres in the country, I decided to sell it and move into town. It contained too many memories. It sold in two weeks and I found a very desirable place in a quiet neighborhood on a big lot (140' x 150'), and on July 15 we closed both deals. I had to give up my 55-foot crank-up tower and the Pro-57A beam, but my 20, 40 and 75 meter dipoles at 30 feet do a passable job.

(Continued on next column)

When a meteor strikes the earth's atmosphere, a cylindrical region of free electrons is formed at what layer of the ionosphere? (Answer below)

- A. The E layer
- B. The F1 layer
- C. The F2 layer
- D. The D layer



Answer: A

In the meantime, I started seeing a long-time friend from church, who had been a widow, and was a few years younger than I and had lost her husband about six years ago. We had been well-acquainted as a couple. We felt that God had brought us together and in September we were married. Her name is Ann. Because of our ages and the fact that we each had well-established households with our individual interests and hobbies, we decided to keep our own homes. She lives just nine blocks from me so we spend a good bit of time at each other's house. So far it has worked out well.

Last spring I agreed to do some volunteer work for Wycliffe Bible Translators in Orlando, Florida. Moving and getting married did not alter my commitment to Wycliffe. Ann did not desire to volunteer with me so in October she and I drove down and then she flew back to Washington. They had me doing some editorial work and when I had become sufficiently familiar with it they decided I could do the work at home and work via the internet. I sold my car in Orlando and on Thanksgiving Day I flew home. While I was there in Orlando I did get to witness the launch of the space shuttle Atlantis.

Finally, the first week of January, 2010, we had a "second honeymoon." (The first honeymoon was two days in Port Townsend, just down the road from us, right after the wedding). We went to Maui and had a wonderful time and are now home.

So, it has been an interesting year. I am still getting settled in my new home and am continuing to do some work for Wycliffe. We will see what the Lord has in store for us down the road. Thanks for all you are doing with The Beam. I feel like I have left it in very good hands.

Answers to the crossword puzzle from page 12.

H	O	T	A	S		T	I	B	E	T		P	I	T
O	V	E	R	T		O	P	E	N	A		A	G	E
W	A	L	K	I	N	G	O	N	T	H	E	S	E	A
I	L	L		L	O	R	D		R	O	A	S	T	S
				H	E	T	O		W	Y	E	S		
N	O	D	E			W	H	O		T	A	M	E	
A	N	E	M	I	A		I	N	U	S		F	A	N
H	E	C	A	L	M	E	D	T	H	E	W	I	N	D
U	S	A		K	A	L	E		F	E	A	R	T	O
M	O	L	E			M	A	T			D	E	A	R
				Z	E	U	S		E	T	R	E		
M	A	N	R	A	N		A	L	O	E		S	O	W
A	B	O	A	T	F	U	L	L	O	F	F	I	S	H
Y	E	S		N	I	S	A	N		E	R	A	S	E
O	D	E		O	T	E	R	O		R	O	M	A	N





Jesus and the sea

Note that of the long theme answers, only 17 Across is a direct quote from scripture. The other two, 41 and 65 Across, are not.

Across

- 1 "They are all ____ an oven," (Hos. 7:7)
- 6 Xizang
- 11 "...an ox fallen into a ____," (Lk. 14:5)
- 14 Not hidden
- 15 "And if a man shall ____ pit," (Ex. 21:33)
- 16 "...she was of a great ____," (Lk. 2:36)
- 17 "And in the fourth watch of the night Jesus went unto them, ____," (Mt. 14:25)
- 20 "...it shall be ____ with him;" (Is. 3:11)
- 21 "Praise the ____," (Ps. 115:18)
- 22 "...he ____ his meat and eats his fill." (Is. 44:16, NIV)
- 23 "...and thus spake me," (2 Kgs. 9:12)
- 24 Forks in the road
- 25 Leaf attachment point
- 28 "...____ art thou?" (Gen. 27:32)
- 30 "...neither could any man ____ him." (Mk. 5:4)
- 34 Lack of hemoglobin
- 37 "...and his word is not ____," (1 John 1:10)
- 40 "Whose ____ is in his hand," (Mt. 3:12)
- 41 When a great storm arose on the sea, ____," (Mk. 4:39)
- 44 "...Go again, buy ____ little food." (Gen. 43:2)
- 45 Edible, often ornamental, plant of the genus *Brassica*
- 46 "But if thou ____ go down," (Judg. 7:10)
- 47 "...the snail, and the ____," (Lev. 11:30)
- 49 "Get up! Pick up your ____ and walk." (Jn. 5:8, NIV)

Unless stated otherwise, scripture verses are taken from the King James (Authorized) Version of the Bible.

- 51 "...as ____ children;" (Eph. 5:1)
- 52 "Barnabas they called ____," (Acts 14:12, NIV)
- 55 French 101 verb
- 58 "A young ____ and told Moses," (Num. 11:27, NIV)
- 61 ____ vera
- 62 "They that ____ in tears shall reap in joy," (Ps. 126:5)
- 65 After a fruitless night, Peter, James and John let down their nets, and they got ____," (Lk. 5:4-7)
- 68 "...of the Gentiles also;" (Rom. 3:29)
- 69 "In the first month, that is, the month ____," (Est. 3:7)
- 70 Clear the board
- 71 Poem of praise
- 72 Alamogordo's county
- 73 "Tell me, art thou a ____?" (Acts 22:27)

Down

- 1 "Consider ____ love thy precepts;" (Ps. 119:159)
- 2 Track shape
- 3 "...See thou ____ no man;" (Mt. 8:4)
- 4 "...Take up the ____ of the covenant," (Josh. 3:6)
- 5 Steps on a fence
- 6 "He causeth the grass ____ for the cattle," (Ps. 104:14)
- 7 Popular digital music maker
- 8 "...Zechariah, ____, and Jaaziel," (1 Chr. 15:18)
- 9 "...at the ____ of the city," (Pr. 8:3)
- 10 California/Nevada border lake
- 11 "And it came to ____," (Gen. 6:1)

- 12 "Through thy precepts ____ understanding;" (Ps. 119:104)
- 13 Herbal and green
- 18 "...his leaf also shall ____ wither;" (Ps. 1:3)
- 19 "...on the ____ of Eden." (Lk. 12:19)
- 23 Blood prefix
- 24 "...than it was ____ to be heated." (Dan. 3:19)
- 25 Follower of Micah
- 26 "...as the Lord hath called every ____ let him walk." (1 Cor. 7:17)
- 27 Transferable picture
- 29 "...and shall ____ multitude of sins." (Jas. 5:20)
- 31 "And the tongue is ____, a world of iniquity;" (Jas. 3:6)

- 32 Devilfish
- 33 "...there is a woman that hath a familiar spirit at ____," (1 Sam. 28:7)
- 35 Type
- 36 "...seeing I ____ stranger?" (Ruth 2:10)
- 38 Most TV channels
- 39 "...many shall ____ it," (Ps. 40:3)
- 42 "...under oaks and poplars and ____," (Hos. 4:13)
- 43 "...____ through the streams." (Is. 47:2, NIV)
- 48 "...____ the scribe before them." (Neh. 12:36)
- 50 "...they should ____ man of him." (Mk. 8:30)
- 53 "...Ye shall ____ manner of fat," (Lev. 7:23)

- 54 "...____ for doing anything good." (Tit. 1:16, NIV)
- 56 "...it was ____ painful for me;" (Ps. 73:16)
- 57 "I ____ to those whose sin..." (1 John 5:16, NIV)
- 58 Part of a BLT
- 59 "...lay on ____ at noon." (2 Sam. 4:5)
- 60 "...These are a smoke in my ____," (Is. 65:5)
- 61 Like a wing
- 62 A neighbor of Burma, once
- 63 Greek mountain
- 64 "...I was a child," (1 Cor. 13:11)
- 66 "...____ not vain repetitions," (Mt. 6:7)
- 67 "...From going to and ____ in the earth," (Job 1:7)

