The BEAM!

Amateur Radio Missionary Service



Spring, 1997

Volume 41, Number 1

Annual dues going up to keep pace with inflation

Increase to \$8.00 to take effect immediately

It was with a great deal of reluctance that Charlie Cox, K7AQ, president of ARMS, recently announced that, after careful consideration by the executive board of ARMS, it was agreed to raise the annual dues from \$5.00 to \$8.00 per year. The increase goes into effect at once.

The action came following the recommendation of ARMS treasurer, Bob Hambly, WA7BYD. Bob pointed out that, because of increased costs involved in printing, and mailing The BEAM, the dues have not been able to keep up with the expenses. For the past several years our

-Continued on page 9, Dues

John Treanor, NØDRE, former ARMS secretary and BEAM editor, silent key

John Zimbeck Treanor, NØDRE, went to be with the Lord on December 12, 1996, in Oklahoma City, Oklahoma. He was 84 years old.

John was born on June 18, 1912, in Ogden, Iowa. He was raised on a farm near Ogden and graduated from high school there. He attended business college in Grand Island, Nebraska and went to work for the U.S. Soil Conservation Service, first in Omaha, Nebraska, and later in Lincoln, Nebraska.

He served in the Navy in WWII, stationed at

John Treanor, 1912—1996

Mechanicsburg, Virginia. After the war he returned to Lincoln and the Soil Conservation Service. He was employed with the SCS for a total of 18 years, until they closed their Lincoln office. At that time he took a position with Back to The Bible Broadcast in Lincoln, where he remained for 30 years as head of

their accounting department and later as a member of their board of directors. Although the exact date of his retire-

-Continued on page 8, NØDRE

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The BEAM - Amateur Radio Missionary Service

The BEAM

Published by the

AMATEUR RADIO MISSIONARY SERVICE 95 Prawn Road, Port Angeles, WA 98363

Editor	Dave Shortess, W5PQL
Associate Editor	Charlie Cox, K7AQ
Tape Editor Barba	ra Oppenheimer, AA7IV
Historian Chuc	ck Brockmeyer, WØETA

OFFICERS

President	Charlie Cox, K7AQ
Vice President	Jay Sudenga, KØGAZ
Secretary/Treasurer	Bob Hambly, WA7BYD

SECTION DIRECTORS

	011 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Eastern	Larry Hodge, W2PT
Central	Eric Frank, W9OVY
Southeast	Denis Parker, WD4ACH
Midwest	Arnie Kopischke, WAØDFT
	(vacant)
Rocky Mountain	Everett "Lash" LaRue, WØRQI
Northwest	Bob Hambly, WA7BYD
	Dan Hough, KA7BHS
	Jim McAuley, VE4ID
Western Canada	Gordon Pearce, VE7GHP

ARMS CHRISTIAN FELLOWSHIP NETS

Eastern Mon., Thurs., 7:00 a.m., Sat., 9:00 a.m.	3.907
Central Sat., 8:00 a.m.	3.922
Southeast Sat., 9:00 a.m.	3.900
Midwest Sat., 8:30 a.m	3.905
Rocky Mountain MonSat., 7:30 a.m	3.893
Northwest	3.984
20-Meter MonSat. 1545 z (ST), 1445 z (DT)	
(10:45 East., 9:45 Ctr., 8:45 Mtn., 7:45 Pac.)	
Prenet starts at 1500 z (ST), 1400 z (DT)	14.3075
Halo Net Every day, 1800 z.	. 21.390



ARMS Motto

Let us do good unto all men, especially unto them who are of the household of faith. Galatians 6:10

From the President's desk-



Greetings in The Name of our Lord and on behalf of the ARMS group. I want to take this opportunity to thank you all for serving as officers and section directors during the past years. This past March marked 40

years since a small group of our brothers saw the need of providing communications for our missionaries stationed deep in the jungles, without contact or fellowship with the folks back home. During all these years the group has continued to handle traffic through schedules between members and missionaries on the field.

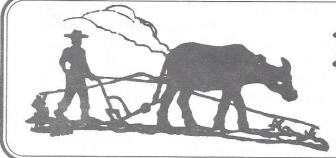
In 1966 the Halo net was set up on 21.390 mHz. as a missionary traffic net and as a calling frequency that could be used to make contacts at any time. This work has been carried on all these years by Don Wennerberg, WA4PXR who has done an outstanding job and has run the net in a professional way with a real Christian testimony on the airways. I understand that Don and his wife are both fighting the battle of cancer so lets remember these dear folks in our prayers.

As we look to the future, we are aware that great changes are being made in technology affecting communications. Missionaries and their home offices have easy access to long distance telephone lines, fax machines, on-line computers, etc. Today the demand for hams to run traffic for missionaries is not as great as it was 40 years ago, but even so, many hams are keeping schedules, so family and friends can keep in touch and have contact and fellowship with home.

We can sure praise the Lord for the new technologies being used, not only in communications but in the translation of God's Word in many languages. The many years on the air with ARMS has given us a good base for our ARMS Christian Fellowship Nets. Not only can we encourage and uphold each other in prayer but we are able to have a witness and a Christian testimony on the ham bands. We know from feedback and the RV Service Net that follows our 20-meter net everyday that many hams are listening as we share our verses.

Thanks for all your help and faithfulness in making the ARMS Christian Fellowship Nets a place on the ham bands, where we can have Christian fellowship and be a witness to The Good News.

In His Service, Charlie Cox, K7AQ



Missionary Reports

Leon Winter, DU/WX6I, Philippines

He who finds a wife finds what is good and receives favor from the LORD. (Prov. 18:22)



As some of you may already know, wedding bells will soon be ringing in my life. Miss Sally Shekleton has accepted my proposal of marriage and will be joining us here in the Philippines after our wedding this coming summer.

Sally hails from northeastern Connecticut, not far from the city of Putnam. She was already a member of Wycliffe in 1976 when Lola and I were applying to join. We were attending the Summer Institute of Linguistics training being held in Norman, Oklahoma where Sally was on the staff that summer. She was meeting many of us new applicants. That was 21 years ago this summer and over the years, Sally and I have had a very comfortable friendship making us more like brother and sister then just friends.

For the last three and a half years Sally has been on a leave of absence from Wycliffe while she got her teaching certificate. She teaches fourth grade in a Christian school in Hudson, New Hampshire. Last summer, before school began, Sally came to the Philippines to participate in the dedication of the Koronadal Blaan New Testament. Sally had served for 15 years among the Korondal Blaan people as a literacy specialist in that project. We met again in Manila during that dedication.

I'll let Sally tell it in her own words: "I first met Leon and Lola in 1976 as they were applying for membership with Wycliffe Bible Translators. We developed a friendship which has continued, especially as we all wound up working in the Philippines. Leon and Lola's older children, Barbara and Hal, were part of my life, too. In 1994, Lola lost a 14-month battle with cancer. A year later, Leon and his two younger children chose to return to the Philippines and continue their life and ministry there.

"Last summer, Leon and I saw each other 'by chance' in Manila as we were both passing through. To shorten a lengthy story, our friendship of many years turned into a romance, aided greatly by e-mail. This past Christmas, I spent my school break with Leon and his daughters, Sheri and Kristy. Our love for each other was confirmed over and over during our time together. Our plans are to marry June 28th in Putnam, Connecticut, after school ends for Sheri, Kristy and me."

Praise God for granting my heart's deep prayer. On May 31st, Sheri, Kristy and I will be flying to Boston to help Sally pack and prepare for the wedding. We will be returning to Bagabag in the Philippines by July 28th. Please pray for us in the days ahead, both for travel and the wedding, and for the new chapter that is opening in our lives for His work.

-Leon Winter, DU/WX6I

Jim and Cindy Goshert, DU2/N3GKY and DU2/N3OFB, Philippines

Greetings from the Gosherts in Bagabag in the Philippines. In August, Jim and our son Michael headed to Manila to get Mike settled at Faith Academy. It was a sad time for Cindy as she said goodbye to Mike. Knowing we won't be there to help him through all the new situations and challenges he will encounter is difficult for us to accept.

When Jim and Mike arrived in Manila, we were put to our first test. We had just purchased a used computer for Michael to use at school. While they were eating supper at Pizza Hut, our truck was broken into and the computer and some other things were stolen. A few days later, Tim Phillips, an SIL member in Manila, came to Jim with a letter from a former member. She left a computer with Tim to be donated to a member of the Translators Association of the Philippines or to a Faith Academy boarding student. Tim thought maybe Mike could use this computer. It is even older than the one we had bought for Mike to use, but it should meet his needs. We again realized that God is in control, and we praise Him for His provision for all our needs.

Cindy is now holding down two jobs. She is continuing with the cashier job and has taken on the Center Housing Coordinator job. It is her responsibility to coordinate center residents and available center houses. Right now this is not a problem. There are 29 houses on the center and 25 families. But when we hold workshops here and many people come to attend, it gets a little tricky making sure everyone has a

place to stay. She is always busy, with the two jobs, a house, and a family. Pray that she will be able to get a schedule worked out and find a manageable balance.

Meanwhile Jim has been pushed to the limits of his physical strength and sometimes emotional and mental strength

Luzon

Nasuli

Philippine Islands

Bagabag

Mindanao

as well. Just two weeks after he came back from his Manila trip with Mike, he returned to Manila for the Branch Finance Committee meetings. Immediately upon his return to Bagabag, he was confronted with a situation that left him physically drained.

While he was gone, the National Power transformers that provide electricity for our center failed. However, we have a backup generator, but two days later, the generator would not start. After some midnight trouble shooting, it was determined that it needed an overhaul. Jim and two other guys spent the whole next day doing the overhaul and by evening the generator was back on line. Praise the Lord for the team work that enabled us to solve this problem. During this time we had little or no power for two days.

We praise God for the wonderful things we were able to experience. We try always to remember to keep "Pressing On With Joy!"

-Jim and Cindy Goshert, DU/N3GKY and DU/N3OFB

Patti Dunn, DU/KN6YJ, Philippines

Christmas in the Philippines. In so many ways it is so different from back home. No snow. No heavy jackets. In fact the temperatures are downright hot.

But when I walked into my office the other morning I found it all decked out for Christmas. Beautiful decorations on doors, walls and ceiling. Someone had been busy the night before. And was it my imagination? The air conditioner seemed to be cranked up a notch higher, so it even felt a little more like Christmas!

I left for one of my downtown days at government offices and travel agencies and was reminded again that Christmas is just around the corner. Folks at these places had been busy, too, putting up lights and decorations. One that really touched my heart was the life-size nativity scene on the first floor roof of the Department of Justice. Special displays are up in the malls, carols can be heard on radio and in stores, Christmas lights and decorations sparkle at night, church choirs are working hard on cantatas and special programs. I love being in Manila at this time of year. Such a time of celebration and joy.

We've just celebrated another big event here as well-

the dedication of the Western Subanon New Testament. I wasn't able to attend the dedication, but rejoiced with the reports brought back by those who were. Folks from Manila traveled by commercial airline to the southern island of Mindanao, and then by small SIL plane to the area where the translators most recently had been living.

From there they jammed into a mini-bus which took them to the coastal area where an outrigger canoe met them and took them up the coast closer to the village where the dedication was to take place. They had to wade out through the waves to get on the canoe (the waves won!). Throw in a bit of rain, and our friends were totally soaked, but still smiling and laughing through it all.

After making land, they had to cross a river on a hanging bamboo bridge, which had recently met with a storm that had damaged one of the cables suspending it, making the usual horizontal bamboo platform practically vertical. The Subanons tied some bamboo poles along the center of the platform and folks were able to balance on that and hang onto the good

cable and make it across-whew!

Was it worth all that to get to the dedication? Ask anyone who was there, and you'll get a resounding YES! What a celebration! The joy of the Subanons in receiving the New Testament in their own language was something words could not express. Now they have God's Word for themselves—no one can take it away. Pray that God will draw them to Himself in new and deeper ways through it.

Actually, that's not a prayer just for the Subanons, is it? We all need it. Let's make that our prayer for each other as well, as we look ahead to 1997. God bless you and cause His light and love to shine in and through you in the days ahead!

-Patti Dunn, DU/KN6YJ

Bob Clingan, XE2RB, Mexico

Isn't it encouraging that our all-wise and gracious Lord occasionally gives us glimpses of His special work in people with whom we've had some contact, maybe even disagreeable contact? One Saturday night when I was called to the bookstore, a friendly, middle-aged couple greeted me with, "Mr. Clingan, we have come to ask for your forgiveness." To which I replied, "I'm sorry, I don't even know you."

Then Mr. Garza politely introduced himself and his smiling wife and explained: "Fifteen years ago we were members of the Catholic church where the priest, V. M. Frias, urged the 'faithful' to commit acts of violence against you,

evil deeds in which we, in our ignorance, participated. Several years later the Lord enlightened us and reached us with His salvation. Now, as we have grown in His grace, He put it in our hearts to come and ask you for forgiveness."

Rejoicing in the Lord for this evidence of His working, I replied, "Of course you have been forgiven." Then came the *abrazos*, handshaking, and thanksgiving for the goodness of God.

All praise to Him who knows the end from the beginning, does everything well, and works everything out for the good of those who are called according to His purpose.

I cannot read His future plans,
But this I know:
I have the smiling of His face
And all the refuge of His grace
While here below.

-Bob Clingan, XE2RB

Herman Hartzler, EA/K9YEO, Spain

Last time we stated that the busy summer was almost over; little did we realize what the coming months would entail. Thankfully, God again has given strength, wisdom, and even joy for another test of endurance. Beside the regulars there have been nearly back-to-back guests, yet another clearout sale of past co-workers' stored stuff for me to take care of, a prayer conference and a leadership seminar for Herman, and Christmas programs and outreaches.

A real miracle has been His wiping out the radio debt by placing it upon the hearts of dear friends who were visiting the work here in October. Please pray that more will join the regular radio support team so that the fund does not repeatedly go into debt.

Keep praying also for complete healing for our dear brother in Christ, Jamaa. He was released from the mental hospital and is now with his family who are sympathetic to his case. Because his important papers were confiscated, he is very limited in his activities. Moslem converts have to suffer so much.

Our team here is still adapting to its new formation, but praise to God, we are pulling together. (It is said that working horses don't kick; may all our efforts be thrown into moving forward in God's work.) Hany is now in the United States for a year of Bible school and deputation. Ab and Ramzi are in their home country working with a short winter Bible school. Boaz is also there in the first ever music seminar for believers.

Very soon we will have to plan our summer furlough. Rest is an item we have never put on our furlough agenda, but this time we feel we are in need of it. Somehow we'll try to work it in.

May the coming year hold for you a good balance of strains, stresses and rests. As we wrote last time, it is so good knowing God is in control. He proved it in 1996, and He will in 1997, too.

—Mary Ann Hartzler for Herman Hartzler, EA/K9UEO

Orbra Bliss, W9GEK, Elkhart, Indiana and Pifo, Ecuador

The Lord continues to bless and enlarge the opportunities for ministry from the Elkhart Engineering Center.

Just this week an opportunity opened up through one of our partner missions to get a station on the air in a predominantly Moslem middle eastern country. The catch was that it had to be on the air in *nine* days or not at all. That same day a transmitter, all necessary cables and antenna were packed in suitcases and shipped FedEx to the people who were going to carry them to an intermediate country where they would meet the Christian national engineer who would carry them the rest of the way and put it on the air. Because of the ongoing work here, we can respond quickly when opportunities open. We are also here to support the stations that are already on the air.

I guess that is the situation that brings us to our next personal step. Our first operation, HCJB in Ecuador, is now in its 66th year and we continue to support it. Though the opportunities for establishing local broadcast ministries are opening all over the world, it is not the case everywhere. The only way to reach those closed areas continues to be via the long distance shortwave broadcasts.

From the transmitter site near the village of Pifo, east of Quito, Ecuador, international broadcasts go out using five transmitters designed and built in Elkhart, one 500,000 watts and four 100,000 watts each. There are also some smaller transmitters used for regional broadcasts in dialects of the local Quichua language.

How does that affect us? There is a staff shortage at Pifo. In order for some of the staff there now to be able to have their furlough, someone has to fill in for them. Sally and I will be going down to fill in from July through the end of the year. Also pray about the continuing need for technically gifted people to dedicate their abilties to the Lord for His service.

We will be living at the transmitter site in Pifo. We are told that they have a furnished house that we can use. We have to figure out how to carry everything we will need for those six months in four suitcases of 70 pounds each. We need your prayers, there are so many details to attend to, we hardly know where to start. We have to arrange for mail, bill-paying, our house and vehicles, what to take, and much more. Also, I have to transfer the projects I am working on at —Continued on the next page

the Center to someone else to carry on while I am gone. So many things to think of all at once.

Here in the U.S., the World Radio Network is still expanding and can often use volunteers as they build new stations along the Rio Grande. Radio experience is helpful, but it isn't necessary to be an "expert" to be helpful. As many of you know, it is often very helpful to have someone to hold the other end of the coax or put the right tools in the bucket for the person up on the tower. Presently a station is going on the air in Douglas, Arizona. WRN started with the McAllen and Brownsville, Texas stations and has been growing to the west. If anyone is interested they can contact Jim Heck, at WRN headquarters in McAllen. His e-mail address is jheck@hcjb.org.

We know the Lord is able and will meet all our needs, so that we may accomplish His will. We will continue to be in touch via e-mail and my address will remain the same. My address is simply: orbra@xc.org.

Thank you for your continued support.

-Orbra Bliss, W9GEK (ex HC1BW, EL2N)

Julian (Mac) Pike, W7SDS, Waxhaw, NC

I praise the Lord for getting me through my recent prostate surgery. And I thank all of you for the lovely get-well cards and the good wishes which came with them! My recuperation has gone very well.

The greatest miracle of the entire event was the way in which God's Grace increased to meet my greatest need. I've had a life-long dread-fear of surgery. God not only helped me through the decision-making, but as I daily sought Him, enabled me to live normally and keep going. As I faced the last few days before the operation on January 3rd, He completely took my fear away.

When I reported to the hospital, the staff members were upbeat, took a light touch, and we laughed together as they wheeled me away. Only God could do that!

I extend to all the folks in ARMS my thanks and gratitude for their interest and prayers. I'm sure that God's grace is facilitated through prayer, and that makes all the difference in the world!

-Mac Pike, W7SDS

Larry and Barbara Castner, KR4PG and KD4RJE, Waxhaw, NC

Larry is experiencing the challenge of his new position as Construction and Maintenance operations manager. He is growing each day as he faces new challenges of decision making. In the next two months he will be attending training classes in "Project Management" and also an "Interpersonal

Skills" workshop which will help him in his leadership role.

Larry also continues to meet with over 30 men each morning at 5:30 for Bible study on ham radio. This has proven to be a very profitable time for Larry spiritually.

My job description has not changed much since taking on the position of training person in the Information Systems department. The bulk of my time is spent training Wycliffe members and volunteers who need to learn to work on computers to do their respective jobs. I continue to believe that the Lord custom made my job for me and has given me the abilities to do it.

What will be happening in 1997? We plan on being involved in presenting missions programs at churches here in North and South Carolina as we have opportunity. We are also looking forward to having a visit from some special friends from California. We hope to attend Larry's ham radio "Bible Fellowship Net" retreat in the Spring in Ohio.

Our *BIG* news and plans for 1997 is our trip to the West coast in August and September. At this point our plans are tentative but we will probably arrive in Southern California the middle of August. We will proceed north from there. We look forward to seeing many of you in the West and Northwest. Please pray for me as we plan this trip and I battle the ongoing tiredness and pain of fibromyalgia, especially during traveling and stressful situations.

We continue to praise the Lord for all of you whose faithful prayers and financial support have made it possible for us to be here. For this we can never say "Thank you" enough.

-Barb Castner, KD4RJE

Jim and Danyce Gustafson, KJ6WU and KB6KGO, California

To man belong the plans of the heart, but from the Lord comes the reply of the tongue. (Pr. 16:1)

On August 8th we returned to the US, after resigning from working in Guinea, West Africa. God was so good to us—He provided just the right people to purchase our belongings in Guinea, including our car.

Opportunities to share in churches and a high school youth meeting about our work with Muslims, and about Islam and Christianity have come. With a long-time interest in Muslim evangelism, we now have 14 months experience with Muslims. Where this takes us we don't yet know. There is a possibility of attending some courses on Muslim evangelism.

During this time, we have tried to be servants—helping our families, friends and churches—even helping a friend prepare to move to West Virginia. We need God's leading. Because the leadership within New Tribes Missions is not equipped to give guidance, we need to make an important

decision—whether to continue working with NTM or do something else.

Kindly, our home church in Los Gatos is paying for us to get Christian counseling. Also, many wonderful Christian brothers and sisters have called and written to encourage us while we ultimately look to God for wisdom. We see these things as signs of God's love and answers to our prayers.

Continue praying for us. Leaving Guinea, West Africa was a major, unexpected change. We planned to work there until retirement, or until God showed us otherwise. We just didn't expect that the "otherwise" would be so soon. Now we need direction!

-Jim and Danyce Gustafson, KJ6WU and KB6KGO

Jeff Johnson, KO4TS, California

There was a lot of excitement in our house at Christmas time. The reason? A REAL Christmas tree! We don't usually dwell on the worldly things of Christmas, but it was exciting this year to have a tree that dropped needles on the floor and had a fresh pine scent. We had a fun family outing when we went to cut the perfect tree from the tree farm down the road.

Deb is doing well but is realizing that she may be more limited in her activities. Her fourth chemo treatment was harder on her than earlier ones, and she didn't "recover" as quickly from this one as she did with the others. We're thankful that she is able to carry on most of her normal household activities. And Jeff does make a good stand-in mom when needed.

What is even more exciting is knowing how privileged we are to be able to share the real meaning of Christmas through the task of Bible translation.

—Jeff Johnson, KO4TS

Dave Immel, KE4EW, Waxhaw, NC

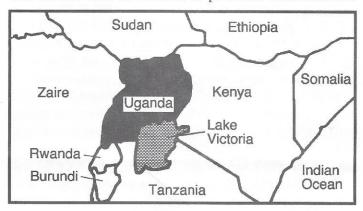
Like most years, 1996 passed quickly. Patsy made two trips to Denver. One in March for a missions conference and again in April to attend her grandmother's funeral.

We completed the fourteenth Toyota Gazelle for Africa. Twelve of these vehicles are now in Africa serving translators transportation needs. The Wycliffe world conference that JAARS hosted was a success and it was great to see many of our friends from around the world. The girls were involved with the Billy Graham Crusade youth program as well as attending a Dawson McAllister seminar. We received a nice 1986 Ford LTD through the Wycliffe donated car program.

In November I spent a month in Uganda helping out with some improvements at our Wycliffe center in Arua. Over a year ago, JAARS became aware of numerous improvements that related to making the Wycliffe regional center in Arua Uganda more functional. The center exists to serve the needs of six translation teams in northeastern Zaire and northwest Uganda. The plan called for sending several men to accomplish the projects. I was asked to go but the trip was delayed for many months due mainly to a delay in shipping the needed parts and equipment to accomplish the work.

The trip finally became a reality in November. In late September we received word to make final plans and organize for the long awaited trip. Wayne Paquette, a fellow aircraft mechanic, made the trip with me. In addition to our personal things we carried tools, hardware and other miscellaneous items to work with. We flew to Atlanta, Brussels and on to Entebbe, Uganda where we spent the night. The next day it was on to Arua. This leg of the trip was made via Mission Aviation Fellowship in their Cessna Caravan.

We discovered up on arriving, that the security situation was not the best. In addition to problems with Sudanese



Rebels in parts of northern Uganda the situation in eastern Zaire created a bit of tension for us as the Zaire boarder was only several miles away. This caused us to cancel some of the other projects we had planned.

For 1997, we will continue to focus on our assignments here at JAARS. Patsy plans to continue as administrative secretary and I've been asked to assist in the aviation engine overhaul shop. We will also continue to work towards reaching our Wycliffe support quota. We are hoping to get under way soon with construction of a garage and addition of another bedroom.

We thank the Lord for his blessings in 1996. We are grateful for good health and the skills he has given us. Over the past two years, 16 New Testaments have been completed in Papua New Guinea. This brings the total completed translations to over 400 for Wycliffe world wide. We thank God for the part that we have in giving God's Word to the people groups of the world.

The people walking in darkness have seen a great light; on those living in the land of the shadow of death a light has dawned. (Isaiah 9:2)

-Dave Immel, KE4EW

Continued from page 1, NØDRE-

ment is not available, it appears that it was sometime between 1980 to 1982.

On September 19, 1936 John married Ida Speed. Together they served the Lord for 60 years. They have two daughters, Mrs. Elmer (Sally) Kliewer of Oklahoma City and Mrs. Harmon (Susan) Stinnett of Hampshire, Tennessee, five grandchildren and three great grandchildren.

They were members of Central Church of The Christian and Missionary Alliance in Lincoln, where John served as the church treasurer and a board member. They spent countless hours visiting the sick and reading the Bible to and praying with anyone who desired them to. In October, 1996, right after their 60th wedding anniversary, the Treanors moved to Oklahoma City. John's health had deteriorated and they wanted to be near their daughter. Ida continues to live in Oklahoma City.

John's involvement with ARMS appears to go back to at least 1980. Back issues of The BEAM make no mention of him prior to then, but in the spring 1981 issue we read in the Midwest Section Report: "The Midwest Section of ARMS had its annual meeting and picnic at Lake Okoboji, Iowa on August 9, 1980..." The report goes on to describe the events of the day and ends with: "... We welcomed three new members who had never previously attended our annual meeting — WBØRJJ, WDØGDU and KØUJU from Back to the Bible in Lincoln, Nebraska." WDØGDU was John Treanor. His call indicates that he had not been a licensed ham for very long before that.

That same issue of The BEAM listed John as the new secretary of ARMS. Furthermore, it was also announced that as of the following issue, John would be the new editor of The BEAM, as well. It looks very much like John really jumped into the work of ARMS with both feet as soon as he became a member. In 1982 his call was changed to NØDRE. He continued to serve ARMS as editor of The BEAM until 1988, and as secretary until 1991.

John continued to be very active and interested in ARMS. At some point he became a net control station for the ARMS 20-meter Transcontinental Net. "He loved listening to and talking on the net every day," writes his daughter, Susan. "This became a very important activity in his life. Their daily activities were planned around this time..."

"They made many dear friends who became very close to them through the years," Susan continues. "They loved attending the [ARMS] conventions and were able to do so for many years. However, I believe his greatest joy was being able to bring missionaries and their families together through a phone patch.

"He was the epitome of a Christian husband, father and grandfather. He was devoted to his family, but his first love was his Lord and Savior, Jesus Christ. He began and ended each day with the Lord. We thank God every day for allowing us to have him for so many years. We miss him terribly, but we know that he is doing what he loved most — praising his Savior all the day long." That was John Treanor, NØDRE, a gentle, humble, blameless servant of God.

Canadian members, take note:

ARMS treasurer, Bob Hambly, WA7BYD, requests that all Canadian members pay their dues in U.S. dollars. There are several ways to do this. The easiest is to go to your post office and buy a U.S. dollar money order for the amount of the dues. This can be cashed by our treasurer just like any other U.S. money order.

An alternative method available to some Canadians is the option of writing a check to be drawn on your Canadian bank, but with the amount on the check followed by the words, "U.S. dollars." This check will be cashed by our treasurer for its face value in U.S. dollars, but when the check clears at your Canadian bank, they will make the exchange rate adjustment at that time. Check with your bank to see if this option is available to you.

In the past, some Canadians have written regular checks on their Canadian accounts, and not only do we come up short because of the exchange rate, but it involves an additional transfer fee and is a big hassle for the treasurer. We appreciate your consideration in the matter.

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Solution to the puzzle on page 16

Continued from page 1, Dues-

treasury was been dropping. We had reached a critical point.

"We have done everything we can think of to try to cut costs," says Bob. "Several years ago, for example, we switched from first class to bulk mailing. That helped at the time, but since then mailing costs as well as printing costs have gone up."

The cost of printing and mailing of The BEAM, the Directory and our ARMS brochure are the only expenses we have. (The cost of printing the ARMS tracts, "Your Best Contact," was borne entirely by individual contributions made solely for that purpose.) Thus, we were faced with two alternatives. We could cut back on The BEAM or we could raise the dues.

Cutting back on The BEAM would mean either a shorter newsletter or fewer issues — once a year instead of the current two. The general feeling among the members of the board (and many ARMS members as well) was that The BEAM should be left as it now is, both in size and frequency of publication. For many ARMS members, it is their only link with the organization. Thus, the only remaining alternative was to raise the dues.

We know that the BEAM is an encouragement to our missionaries on the field. The feedback we receive lets us know that they enjoy reading about the activities here at home, and about other missionaries on the field. The postage for sending the BEAM overseas has increased the most, to as much as \$ 2.00 to some countries. When ARMS was organized 40 years ago to serve missionaries, it was decided that their membership would be free. Raising the dues would allow us to continue this service to our missionaries and also

Election of officers

This is the year we elect our ARMS officers for the next three-year term. A nominating committee, chaired by Ora Gifford, KE7BF, was appointed to prepare a slate to present to the membership. A thorough canvassing of the section directors and others active in ARMS was made.

After a thorough search, the committee was not able to find any new names to present to the membership. Therefore they approached the present officers and found them all willing to serve in their respective offices for another three year term. They are:

Charlie Cox, K7AQ, president Jay Sudenga, KØGAZ, vice-president Bob Hambly, WA7BYD, secretary/treasurer.

In order to simplify the election, we have added a box to the membership renewal form, allowing you to vote "yes" or "no" to the retention of these officers. Their terms will run from July 1, 1997 through June 30, 2000.

keep our mailings as they are.

"I am wholeheartedly in favor of raising the dues over cutting back on The BEAM," said ARMS member Barbara Oppenheimer, AA7IV, of Seattle. "At \$8.00, the dues for this organization is still a tremendous bargain. You can spend that much on lunch for two at McDonalds!"

The increase goes into effect immediately, with the 1997-98 dues. The pink dues renewal form, enclosed with this issue of The BEAM, reflects the change.

In addition to the dues increase, the board also stressed the need for voluntary additional contributions from the membership. Unfortunately, ARMS does not enjoy tax-deductible status from the IRS. In order to gain that status, it would be necessary for ARMS to become incorporated. This would require establishing a corporate headquarters and an organizational structure that we could ill afford to maintain.

However, members who can manage it are urged to consider making an additional contribution. A separate line on the dues form has been added for that purpose. A number of members have done this spontaneously in the past, and it has been very much appreciated.

"I think this approach will carry us for some time," concluded Bob, WA7BYD. "The last time the dues were increased, from \$3.00 to \$5.00, was in 1988. We have to face reality, and I think this is the only way to go. I really believe in this organization. It is one of the finest group of folks I have ever been privileged to know and work with. I would sure hate to see it die on the vine."

So lets support ARMS and the missionaries who are involved with it. And lets help keep a Christian presence on the ham bands. You never know who might be listening.

Call changes

AD4SJ — Chuck Roswell, new call is K2MGL N7NLT — John Lawless, new call is W7GAE N5GNB — Michael Eagen, new call is KØRRP VE1APB — Roland Corkum, new call is VE7PDX

We welcome our new member!

Webb D. Chenault (Assoc. Mem.) 665 N.W. 150th St. Miama, FL 33168

Member profile — Peter Thiessen, VE4PP

I was born April 3, 1930 on a farm in Giroux, Manitoba, Canada, the second oldest in a family of 11. I had wonderful parents, but they were pretty strict, ultra-conservative Christians.

I started school when I was seven. We had a two-mile hike to school, which included crossing an empty farmyard belonging to a young couple who had just moved to the area. They had the most charming little daughter. Her name was Adeline, and she was sweet! It was love at first sight, but it was a brotherly love, not really the "sweetheart" kind. We were just friends then. We played a lot together, and could she ever sing!

The day I turned 14 my dad, who had always been sickly, told me I would have to quit school and help on the farm, or else go to work somewhere else to help pay the bills. I loved school, so this was a real blow to me, even though I had expected it for a while. I stayed onthe farm.

Farm work was slow in the winter, so we had time to do other things. My brother and I decided to build model airplanes and crystal radios. But the crystal receivers we built were pretty puny, and we wanted a *real* radio, one with tubes.

We had no money for things like that so we decided to try to build one. I got a book on radios from the library. We wanted so much to build one, but we had no electrical power at that time, and high voltage batteries for the tubes were too expensive for us. Finally we came across a design that had one tube and a plate voltage of only 12 volts! We were able to scrounge enough money to buy the tube. We built it and sure enough we got it working. It was our first real radio.

I spent the next 12 years
working at whatever I could find—farming, at home and elsewhere, logging, driving a front end loader or a truck, painting, or running a cement batcher. I lived at home, and Adeline's family were still our neighbors. But it wasn't until I was 21 that it dawned on me that she could be eligible for dating, not just neighbor kids playing together. Boy, that hit me like a ton of bricks. She had become a very beautiful woman by then. We were married on November 8, 1953.

Adeline could always sing well, and I hoped that she would give me children, particularly boys, who also would

sing well. She far exceeded my expectations with five boys, all of whom sing—solos, duets, quartets, and lead singing in church. What a blessing!

I had accepted Christ as my Savior at age 17. I always wanted to serve the Lord, but so often did not know how. After we were married for three years, and with one bouncing boy, the Lord called me to Bible School. I had completed only six and a half years of public school when I had to quit. But I always loved to read and had read through the Bible a number of times. This helped me very much, but learning theology was rough. During the summers I continued to study on my own and wrote challenge exams. I came out with complete grade 11 and part of grade 12 at the Bible School graduation.

I had figured that, upon graduation from Bible School, I would go to the mission field in Paraguay, South America. But the Lord had other plans. Adeline took sick so we had to stay home. At that point I decided to finish grade 12 and go on into teacher training, which I did.

I spent 22 years in education. I have taught all the way from first grade to first year college. My last 15 years were

spent as a school psychologist and special education coordinator for a number of schools. During this time I went to summer school and took night classes. Then I took off two years to go to school full time. In this way I was able to complete two graduate degrees at the university.

After I finished my university work, I went back to radio. I took a number of classes at the local community college. According to my certificates I should be able to repair any tube-type radios. Transistors

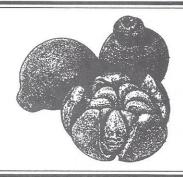


Peter and Adeline Thiessen, 1993

were just making their way into the field at that time. Then I decided to try for my ham radio license. The theory was a breeze, but I had a real tough time with the code, even though I had studied it as a Boy Scout. But I finally made it and was first licensed in 1978 as VE4AGM. In 1980 I got the advanced ticket, and later my call was changed to VE4PP.

I retired from education in 1985 and expected to go into some kind of mission work. But it was not to be. Adeline had major cancer surgery at that time, and while she was

-Continued on the next page, VE4PP



Section Reports

Eastern Section

[Editor's note— I received two section reports from the Eastern Section, so I combined their contents to make this composite report.]

We are very happy to report that our Eastern Section is alive, well, and growing! Our 75-meter net meets on Monday, Thursday and Saturday mornings. While numbers of check-ins vary from week to week, we often have 10 or more hams joining us on a given day and it is not uncommon to have as many as 16 or more checkins! Praise God!

We want to thank the other members of our group who take their individual turns at net control duties. Don (K3RYV) is usually the Saturday net control. Larry (W2PT) takes one of the weekday nets and the other is rotated, usually among Norm (W2NNJ), Brad (K2KXY), Al (K2CAC), Will (WA2OJN), and Rick (N2JLH). Sometimes, during the difficult days in the spring and fall when long skip rules we have Wendell (K1RPE) in Maine, or Bob (WA2CYO) in

Continued from previous page, VE4PP-

healing, I came down with congestive heart failure. Adeline recovered completely, and I did partially.

The hobbies I have, besides ham radio, include photography, traveling and gardening. I started taking pictures right after the war as soon as film became available again. I have done most of my work in colored slides. We have travelled all over Canada, in the U.S., and in Central and South America. In addition to flower and vegetable gardening for our own use, we also do market gardening on a very small scale.

I have been very active in the church all my life. I have taught Sunday School, was on the Mission Board, a deacon, chairman of the Church Board, etc. The Lord had been good to us. All of our boys are Christians, all married to very fine active Christian girls, and all involved in the Lord's work. We have 13 grandchildren ages 3 to 15. I feel, when I look back, that we have had a very rich life. The Lord has led us wonderfully. Praise His Name!

Peter and Adeline Thiessen make their home in Roseau River, Manitoba, Canada. —Ed.

South Carolina, take ever as net control when the rest of us cannot hear each other.

Two of the founders of ARMS are regular check ins, Doc (K2JEI) and Bob (W3BBM). Doc's son Harold (N1HM) in New Hampshire is often on and takes over with his dad after the net. Mike (AAØAO), who left his directorship of the Rocky Mountain Section, is often on the air from Pennsylvania when he is not in the air as a commercial airline pilot.

We really appreciate the hard work and leadership of our section's director, Larry (W2PT). In addition to his responsibilities as Eastern Section director and net manager, Larry gathers and organizes prayer requests which are then put in the form of a newsletter of sorts. This is made available to our Eastern Section membership.

Also, special thanks should be extended to Bob (WA2CYO) and Rick (N2JLH) for their work on our ARMS Eastern Section Directory. The directory was recently updated, thanks to Rick's efforts.

We have not had an eyeball get together for some time. However, we hope that Bill (K3MOM) will be successful in arranging one at a campground this coming summer.

Everyone here in the East extends our love and prayers to the rest of the ARMS membership, and especially to the missionaries who are ARMS members. May God bless and keep you!

Will Hutchinson (WA2OJN) and Bob Zecher (W2YIK)

Central Section

I received the latest copy of "The BEAM" the other day and I was so impressed with it as I have been with the others I have received recently. I want to complement you on the super job you are doing in producing this and thank you for the many many hours you must spend to prepare it.

I must apologize for not having sent activity reports for the Central Section more often. One big reason is that there hasn't been much activity to report. Checkin activity during the summer was at a low point with several Saturday mornings with no checkins besides myself.

Now it has improved with up to six checkins lately. I really should turn the duties of Section Director over to someone else but there is no one at this time with the freedom to be regular for net control. Bruce, KAØDSF, has been helpful in taking over net control when he has been available, to provide a little variety. I can usually be there on Saturday mornings but I ought to be doing promoting.

I urge any ARMS members in the Central Section to check in with us on Saturday mornings at 8:00 a.m. on 3.922 mHz. I am in Rockford, Illinois, which should be within earshot on 75-meters of any ARMS members in the section. The Central Section is made up of Wisconsin, Michigan, Illinois, Indiana, Ohio, Kentucky and West Virginia.

I have been retired almost 20 years, my wife has been paralized on her right side for 25 years and has been in a wheelchair for the last 10. So we don't do much traveling! We do get to church regularly and I have been teaching an adult Sunday School class but thankfully I am being relieved of that soon. When a guy gets to be 80, it keeps him pretty busy trying to keep up the home both inside and out.

My only ham activity is on Saturday mornings but I keep in touch with family and some missionaries by e-mail. The Lord has been good and we have much to be thankful for. He is faithful.

Keep up the good work. It is a service unto the Lord.

- Eric Frank, W9OVY, Central Section Director

Southeast Section

The Southeast Section of ARMS will hold their Third Annual Section Get-together on Saturday, May 17, 1997 at 11:00 am. The location will be the J and S Cafeteria in Pigeon Forge, Tennessee.

We will go to the Gatlinburg Park after lunch for fellowship so bring a lawn chair for each person attending! Please make plans to be there!

The talk-In frequency will be via repeater on 145.27 mHz, negative offset. Once you get close, you can switch to the secondary, simplex frequency of 146.49 mHz. We'll be listening (and looking) for you!

-Denis Parker, WD4ACH, Southeast Section Director

Southwest Section

On February 21, 1997, at 10:00 am, the Southwest ARMS Section held a brunch at Denny's Restaurant in Phoenix, Arizona. This get-together has become an annual event, looked forward to by the many permanent residents here as well as the many snow-birds who grace our section with their presence each year.

This year we were privileged to have as our guest speak-

ers, missionaries Ed and Jeanne Castell, with New Tribes Missions, serving in Palu, Central Sulawesi, Indonesia. Ed's call is KB7JYD/YB8AUA. The Castells were home on furlough at the time, but have now returned to Indonesia.

Those present at the brunch were:
KC5FGJ, Vern and Janice Lewis, Sun City, Arizona,
W6UZF, Al and Jean Heath, Lake, Montezuma, Arizona,
K7AQ, Charlie and Emily Cox, Sun City, Arizona,
KA7BHS, Dan and Dare Hough, Glendale, Arizona,
KA7BRU, Bill and Fanny Russell, Chino Valley, Arizona,
AA7HX, Ted and Ann Willis, Tucson, Arizona,
WV7P, Bob Olson, Tucson, Arizona,
K7VCM, Ken and Jane Jackson, Sun City, Arizona,
W8ED, Ed and Eva Polmanteer, Eloy, Arizona,
KØGAZ, Jay and Dotty Sudenga, George, Iowa,
KØLNJ, Harley and Bernice Sykora, Windom, Iowa,
KØOAV, Don and Barb Berggren, Oakdale, Minnesota,
VE7BQA, Gordon and Leonne Tiessen, Kamloops, British
Columbia, Canada.

A number of folks couldn't make it, but sent their greetings: Assoc. mem. Beryl Berntsen (OM-SK-NWØG), Edina, Minnesota,

WB7CYX, Tom Johnson, Phoenix, Arizona,
K7JKG, Maurice and Orlena Knisel, Mesa, Arizona,
K7JWI, Durwood and Mary Canham, Scottsdale, Arizona,
W7KAP, Al and Ivie Folden, Sun City, Arizona,
KB7PRI, Dick Steensma, Tucson, Arizona,
KB7VPY, Harry and Peggie Akers, Glendale, Arizona,
N7YJJ, Phil and Dee (KB7UEZ) Caster, Lakewood,
California,

KØOZT, Paul and Margret Rabe, Sun City West, Arizona.

-Charlie Cox, K7AQ, ARMS President

Northwest Section

We have had excellent participation in our Northwest Section Net each Thursday morning on 3.984 mHz, with as many as 16 checkins, from as far away as northern California and British Columbia, Canada.

We have gotten good reports from Ren, N7FMD, whose cancer appears to be in complete remission. It looks like the "exerimental" treatment he underwent is doing the job. Ed, AA7GM, and his wife Dot, have apparently finally found a good location to continue their retirement in Bandon, on the Oregon coast. They have an apartment with a nice ocean view, and the facility includes a nursing home where Dot can get the care that she needs. They even gave Ed permission to put a vertical antenna up on the roof.

Please pray for Al, WA6SBC, as he struggles with cancer that isn't responding to the therapy he is receiving. Al was a regular checkin to our net for years.

-Bob Hambly, WA7BYD, Northwest Section Director



Neale C. Thompson

KØLHJ Capt., USNR-Ret B.A., M.S.T., D.Min.



On September 14, 1996, ARMS member Captain Neale Thompson, NØLHJ, retired from the U. S. Naval Reserve. His 31-year career as a Navy Chaplain cris-crossed his work as a Luthern pastor in many ways.

Neale grew up on a farm north of Clarion, Iowa. He received his nautical training at the United States Merchant Marine Academy and sailed cargo ships on the Atlantic and Pacific. He later went to St. Olaf College and the Evangelical Lutheran Theological Seminary to prepare to be Lutheran pastor. He entered the Navy Chaplain Corps on August 6,

1965 because of the Bay of Tonkin incident and the deep conviction that men and women in the sea service need a pastor. This was the beginning of his long career as a Navy Chaplain.

In 1965, Neale married the former Jutta Dorathea Keltsch. They have three children: Martin, Peter, and Lisa.

In the Reserves Neale always felt that he should go through the same training as the men he ministered to. For example, he did desert training with a Marine group he had summer duty with. Another time he was with a paratroop training group, and he earned his jump certificate along

with the others, and this was after he was 40 years old!

Neale has served as pastor in a number of rural communities in South Dakota. One of his early pastorates was in Letcher, SD. That's quite a name for a pastor to work with. Later, when he was in Hecla, SD, someone gave him a Cessna 140, a two-place tail-dragger, for him to learn to fly with. The donor also paid for a year of storage for the plane and his training costs. After he learned to fly, he used the plane to make house calls to his scattered and remote flock on the plains.

When he was transferred to Beresford, SD, he took a pasture and straightened it out to use as a landing strip. He was able to park his plane in the side yard of the parsonage. In his "spare time" Neale continued his studies, largely by correspondence, and eventually earned a D.Min. degree from Notre Dame University.

During all of this he felt the call to use his flying experience for the Lord. He joined the Luthern Aircraft Mission-

ary Pastor's Service (LAMPS). As a part of that program he learned to fly STOL (short takeoff and landing) aircraft in Canada. One day in the winter as he was on a training flight over rough terrain, his engine quit. He was going quite slowly, as those plane can, and "dropped" the plane onto a spot he had already picked out in the deep snow. Later, they picked the plane up with a helicopter. Both the plane and Neale were essentially undamaged.

After he learned to fly the STOL aircraft, he was assigned to the wilderness in southern Ontario, along the north side

of Lake Superior, at a little town called Manitouwadge, where he had to use either floats or skis on the plane. His work was as a "pastor's pastor," a support person for the men in the field. One day he got a call that one of his parishioners was near death as the result of an accident. He had to get to the hospital in Thunder Bay. Neale picked up the man and took off in a snow storm with a little visibility and with a lot of prayer. The plane had instruments so he flew to Thunder Bay in a white out. When he reached the airport, he had the tower on the radio, but now visibility was zero. He dropped

down, and at just the right time, the Lord opened a hole in the storm and he could see the airport and the city. As he landed, the storm closed in and locked up Thunder Bay for two days. At his retirement, he was presented a citation for bravery by the Canadian government.

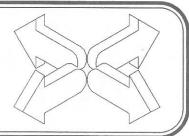
For the last four years of his annual training in the Naval Reserve, the United States Coast Guard requested Neale's skills at Kodiak, Alaska where he served as Command Chaplain for a base of 3,000 personnel. Because of his maritime experience and knowledge of northern flying conditions, he was able to meet the spiritual needs of this important facet of the sea service.

His final billet was to shepherd the Chaplains and RPs of Readiness Command Sixteen in Minnesota. Neale and Jutta presently reside in Northfield, Minnesota where Neale is currently serving as a therapist to the mentally ill, at the Hennepin County Medical Center, in Minneapolis.

-Don Berggren, KØOAV



From our members here and there



Jeff Waltermire, N8ZUZ

I just got my copy of The BEAM forwarded to me and it reminded me to update my information for you concerning ARMS.

I am currently in the New Tribes Mission—Missions Institute in Jersey Shore, Pennsylvania. In October I went to New Tribes—Tribal Air/Communication facility in Arizona for a flight and mechanic evaluation. Praise the Lord! They have accepted me both as an aircraft pilot and a mechanic.

It was good to see some names in this last BEAM that I am very familiar with. Ray Rising Jr. and I were roommates during summer school while I was at LeTourneau University. I still remember answering the phone as Ray Sr. was being patched through, probably by an ARMS brother, right after his release. Ken VanWeerdhuizen, a missionary in the Philippines with JAARS, was my last flight instructor. I was privileged to help "elmer" him in amateur radio. Also Dave Isaak is at Tribal Air/Communication where I was able to meet and work with him while I was being evaluated at TA/C. All in all, it was a real good issue.

-Jeff Waltermire, N8ZUZ

Dick Steemsa, KB7PRI

At age 81, I've gotten so loaded with church activities here in Tucson that I've had to learn to pace myself. I teach a Bible Class on Sunday mornings, sing in the choir, serve as elder, and edit the church newsletter. We also disciple some new Christians. In addition to my church work, I have kept busy with church music.

When I was 75, I learned to play the organ (using a "chord" format). I got hooked and bought a Technics GN7 with all the instruments of the orchestra on it, rhythms, digital recorder, and all the rest. The music I could buy was boring so I decided to compose my own. I'd played the violin in my teens and I've sung in choirs all my life. Since I'm an engineer, not a poet, I needed lyrics, so I went to the Psalms, but with a difference.

Traditional hymns "adapt" Scripture to a melody. The melody gets priority, and that's okay. But I took Psalms literally from the NIV and adapted a melody to the actual words, a note for each word. Instead of reading it, you can now sing it. Scripture "speaks" even when it is read, but when it is

sung with unaltered lyrics it is even more powerful! You add another medium to the message of the God-breathed Word. Much of Scripture is Hebrew poetry, but not the rhyme and rhythm we're accustomed to. It uses "parallelisms." Contemporary Christian music often does not have rhyme or rhythm either. Neither does opera. So I've had to get around that.

Our choir has sung a couple of my compositions with good response from the congregation. I have 19 Psalms, or parts of Psalms now, and an equal number of "non-Psalms," including The Lord's Prayer, The Sermon on the Mount, and Isaiah 53. If anybody wants to talk to me about this, they can send me e-mail at 102062.3520@compuserve.com.

-Dick Steensma, KB7PRI

I. J. Tharp, WDØDBE

Nearly 20 years ago a very dear friend, Dar (Darwin) Moxness, WØNEW, talked to me about ARMS, then encouraged me to get into amateur radio, mainly because of ARMS. I had thought about ham radio for years before that, but I always failed to learn the code and thus get the license.

Dar and I worked together at IBM, in Boulder, Colorado. He was a very active amateur and active in ARMS. To encourage me further, Dar gave me a wonderful 40/80 meter antenna he had made. I still have the antenna today. So I got to work, and I soon learned the code and got my novice license.

Dar was very active in Rocky Mountain Section of ARMS and I soon joined the club. I came to know all the wonderful folks in the Rocky Mountain section and soon joined a wonderful class taught by Mac (Julian) Pike, W7SDS, to work toward the general class license. This was soon successful, and so I was able to get on the ARMS nets.

I now have an advanced class license. I have learned much (about radio, ARMS, and Christianity) from others there, including Ed Andrews, KFØOZ, and Chuck Brockmeyer, WØETA. Chuck was a deep friend of Dar, having gone to college with him.

In 1979 Dar went to be with the Lord, but not before he got me on the air and into ARMS. We will see Dar again when we get to Heaven.

−I. J. Tharp, WDØDBE

How a piece of junk "sparked" my interest

by Harold Jones, KI5KF

I have a friend here in Artesia, New Mexico who runs a recycling center. From time to time I drop by his place and he lets me go through his "junk" to see if he has any old electronic equipment that might be of interest.

A while back I spotted something that looked electrical, but it was so covered with mud I passed it by. A few days later I saw it again. My curiosity got the best of me and I made myself pick it up and take it home. It was made up of several components mounted on a base about 12 by 14 inches, and it was heavy. (See photo below.)

In order to clean it up I had to dismantle it completely. There was what looked like a motor, a small transformer, a cylindrical component with several screw terminals on top, and a mysterious black box about 4 x 4 x 8 inches, held down by two brass straps. What really caught my eye was a small switch near the front with a small, circular, brass plate beside it with the word "Spark" engraved on it. It appeared that I had unearthed an old spark generator.

A name plate mounted in front of the motor read "CENCO, Central Scientific Co. Laboratory Supplies, Apparatus and Chemicals, Chicage, U.S.A." The brass plate on the motor had the same company information plus "110 volts AC, 60 CYC., 1.5 Amp., Speed, 1800, 1/30 H.P." The cylindrical object with the screw terminals on top had a brass plate on the end which read "PriMax Direct Current Transformer, Mfd by Thordarson Elec. Mfg. Co., Chicago, U.S.A., Pat'd. Sept 29, 1908, other Pats. pend."

That date, 1908, really got me excited. Of course, that was when the transformer was patented, not when the unit was made, but it told me that this thing was pretty old. I have written to ARRL as well as to Central Scientific Company (still in existence in Chicago) to see if I can get further information, but so far I have not gotten any replies. If any ARMS member has any information of this piece of equipment, please let me know at: 1811 W. Booker, Artesia, NM 88210.

Oh, yes, one more thing. After I got it all cleaned up and reassembled, I put the juice to it. Low and behold, It worked! I don't plan to set up a spark gap transmitting station with it, but it is a nice bit of historical trivia to have around.

New or changed e-mail addresses

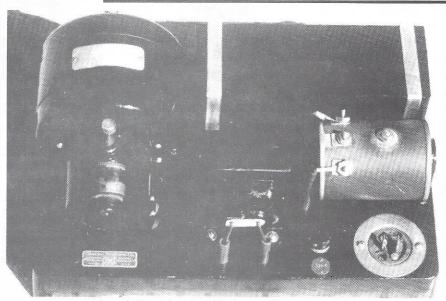
WA1QFM	Dan Allen	wa1qfm@juno.com
WA2OJN	Wilford Hutchinso	n wa2ojn@aol.com
WA3CMT	Don Birx (Jr.)	dbirx@psl.nmsu.edu
K3RYV	Don Birx	dlbirx@aol.com
W3ZIF	Roy Kramer	w3zif@enter.net
KD4FCK	Jim Lewis	jim-leslie.lewis@sil.org
KA4LME	Ed Brown	ka4lme@juno.com
K5ROV	James Parsons	k5rov@juno.com
AA7GM	Ed Soults	esoults@harborside.com
AL7GQ	Geno McGahey	an966@freenet.uchsc.edu
K7.IWI	Durwood Canham	

75551 2252@

	/5554.225	3@compuserve.com
N8ZUZ	Jeff Waltermire	jwaltermire@juno.com
KØBQ	Ron Ohnhaus	kØbq@sincom.com
NØGRX	Roger Freeman	rf2134@aol.com
KXØL	Norm Buehler	nbuehler@ruraltel.net
WAØNPH	Russ Karsjens	russkars@aol.com
KBØSXM	Allen W. Elder	awelder@oneimage.com
VE4ID	Jim McAuley	jmcauley@docker.com
VE5AAP	Art Pederson	apederso@eagle.wbm.com
VE7GHP	Gordon Pearce	ve7ghp@ve7ihl.ampr.org
VE7LCH	Lyle Hopwood	hopwood@islandnet.com
VE7TRC	Bob Collings	ve7trc@ve7ihl.ampr.org
DU2/N3GH		jim-cindy.goshert@sil.org
DU2/WX6	I Leon Winter	leon_winter@sil.org

New or changed packet addresses

Jerry Brunk K4RBZ@KC4MZN.VA.USA.NOAM Jim McAuley VEAID@VEABBS#HWD.MB.CAN.NA Art Pederson VE5AAP@VE5EEE#NOSK.SK.CAN.NA Gordon Pearce VE7GHP@VE7KIT#VANC.BC.CAN.NA Bob Collings VE7TRC@VE7ROB#VANC.BC.CAN.NA



Harold's rejuvenated spark generator



How great is love?

Greater love hath no man than this, that a man lay down his life for his friends. John 15:13

Across

1 Seasons

6 "...and needy, and in the night thief." (Job. 24:14)

11 "they ___ in front of the branches." (Gen. 30:39, NIV)

"All fowls that __," (Lev. 11:20)

17 "...not ____ food!" (Heb. 5:12, NIV)

18 "Also he sent forth from him." (Gen. 8:8)

19 Start of a familiar **VERSE** from First Corinthians (NKJV)

21 "...and , and Hebrew, THIS IS..." (Lu. 23:38)

22 "And ____, to him ..." (Gen. 4:26)

23 "...or the of his maid," (Ex. 21:26)

24 "...and how good is a ___ word!" (Pr. 15:23, NIV)

25 "...and his great __." (Judg. 1:6)

27 Top story

29 "...he planteth an _," (Is. 44:14)

32 **VERSE**, continued

38 Math subj.

40 Chamomile, e.g.

41 Supercognitive sense, briefly

42 He was, in old Rome

43 Where drivers rest

45 Astronaut Grissom

47 Tie surgically

49 **VERSE**, continued

53 "...and dieth for __." (Is. 50:2)

55 Actor Brynner

56 "...thy thigh, mighty," (Ps. 45:3)

59 "...have ___ the Lord?" (Ex. 4:11)

60 Statistics abbr.

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

63 "...so much as bread." (Mk. 3:20)

65 Sea eagle 66 VERSE, continued 15 "...shall ___ me

70 That one over there

71 "If the world_ you, keep in...' (Jn. 15:18, NIV)

72 Baseball stats

74 "...there was for them in the inn." (Lu. 2:7)

78 Nittany Lions, briefly

80 Roof worker

84 "But ___ foolish questions," (Tit. 3:9)

85 End of VERSE

87 "___ porridge hot..."

88 Descartes and Coty 89 Prohibit, legally

90 South American backbone

91 Lethargic 92 Obliterates

Down

1 Begone! 2 Pisa's river

3 Calculator display

4 Doctrine

5 "...is not the his children:" (Deut. 32:5)

6 "...he ___ debtor!' (Mt. 23:16)

7 "...words, it." (Josh. 2:21)

8 Immigration of Jews into Israel

9 "...all the region on this ____ river," (1 Kings 4:24)

10 Lime or arc follower

11 "...you, with all _:" (Eph. 4:31)

12 "And Enoch also, the seventh from __," (Jude 14)

13 Pack

14 "...days, or to do __?" (Mk. 3:4)

before men," (Mt. 10:33)

20 "A land of (Deut. 8:8)

24 Coal car loading platform

26 "...hast ended the days of thy ___." (Eze. 4:8)

28 Fros companions

29 Bank branch? (abbr.)

30 Sign of a hit

31 "...and thy mother an (Eze. 16:3)

33 Tight

34 Pea or bean

35 Overblown rhetoric

36 "...went to a wine to draw..."

(Hag. 2:16, NIV) 37 Parisian summer

39 Yankee great Lou 44 Article in Orléans

46 "...he does not __ away..." (Job 39:22, NIV)

48 Nigerian native

50 "...as a mighty ___." (Am. 5:24)

51 Regrets

52 Make happy

53 Explosive, initially

54 Washington native

__-Cone

58 "..._ pieces of silver," (Lu. 15:8)

61 "...forbids you to carry your ____ (In. 5:10, NIV)

62 "...and they chose _," (Acts 6:5)

64 Human trunks

67 "...following unto __," (Acts 21:1)

68 Dead Sea scrolls scribe

69 Less true

73 Hot stuff

74 Calif. valley

75 "...black like an __," (Lam. 5:10)

76 "... have ye made a ___ to-day?" (1 Sam. 27:10)

77 Seine feeder

79 Computer operator

81 Small fry

82 Bacchanal's cry

83 Agts.

85 Angle or pod preceder

86 Superlative ending

Children (St.)	mo	OHC					(311.	5:10	, 141	v)		Soli	utio	n oi	n pa	age
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16	T	T	T	T		17	T	T	T	\dagger		18	T	+	+	+
19	T	T	1	+	20		\vdash	+	+	+		21	+	+	+	+
22	T	T	+	\vdash	+		23	-	+		24	-	+	\vdash	+	+
			25	\vdash	+	26		27		28		\vdash				
29	30	31		32	\vdash	\vdash	33		-	\vdash	\vdash	\vdash	34	35	36	37
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43				44		45	\vdash	46		4	47	48		\vdash	\vdash	+
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53	54							55	\vdash	\vdash		56			57	58
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74	75	76	77				78		79		80			81	82	83
84						85				.86						\vdash
87						88			\vdash	\vdash		89			\vdash	\vdash
90						91			-			92	-	-	-	-