



Volume 38, Number 1

Spring, 1994

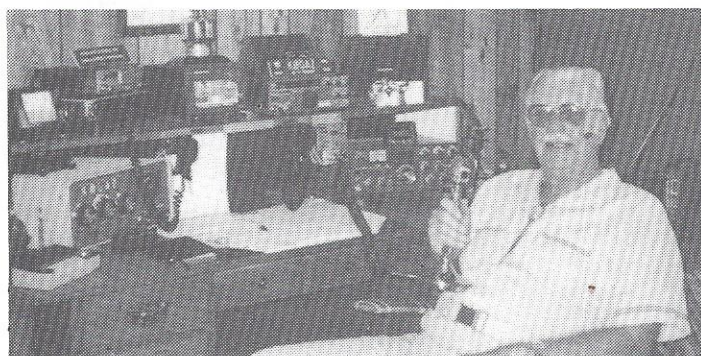
Meet your officers...

ARMS Vice-President Jay Sudenga, KØGAZ

The worship service was scheduled to begin in a few minutes, and the congregation was excited. The new pastor had arrived, and that Sunday he would be leading his first preaching service there in the little town of George, Iowa. Presently everyone's attention was directed to the back of the auditorium where a small commotion attended the arrival of a large group—the new pastor's family. Pastor and Mrs. Ziegler had ten children, and as Mrs. Ziegler and the children made their way in, all eyes were on them.

Not lost on young Jay Sudenga was the fact that Pastor Ziegler was the father of seven daughters, all attractive young ladies. And Jay was sitting in the choir loft where he could see them easily. As the service proceeded, he stole glances at the girls. *They sure are pretty, he thought, and that one in the middle is the prettiest one of them all. I wonder what her name is.*

Continued on page 9 — KØGAZ



Jay, KØGAZ

It's time to vote!

ARMS members have a unique opportunity this year. Not only are we voting for a slate of officers for the coming three years, but for the first time since the organization was founded, the entire membership will have an opportunity to ratify the organization's revised Constitution and By-Laws.

When ARMS was founded in 1957, the entire membership amounted to less than 25 persons, and they all were located within easy driving distance from Philadelphia, where the first meeting was held. All of them got to vote on the first Constitution and By-Laws. Since then, until 1990, annual meetings were held and official business was conducted at the meetings. This including changes in the Constitution.

In 1976, the ARMS Constitution and By-Laws was thoroughly revised and adopted. Since then, additional changes have been made and approved at annual meetings. However, the entire Constitution and By-Laws

Continued on page 16 — Election

Inside This Issue

	page
ARMS Officers and Sections.....	2
ARMS Christian Fellowship Nets.....	2
From the President's Shack.....	2
Missionary Schedules	2
Missionary Reports.....	3
New Members.....	8
Hi! Hi!	11
Silent Keys.....	12
Scripture Crossword Puzzle	12
Section Reports.....	13
Bill Jordan, W7KTM	15
Bobcat Curtain Antenna	16

The BEAM

Published by the
Amateur Radio Missionary Service
95 Prawn Road, Port Angeles, WA 98362

Editor..... Dave Shortess, W5PQL
Associate Editor..... Charlie Cox, K7AQ
Tape Editor..... Barbara Oppenheimer, AA7IV
Historian..... Chuck Brockmeyer, WØETA

OFFICERS

President..... Charlie Cox, K7AQ
Vice President..... Jay Sudenga, KØGAZ
Secretary..... Al Heath, W6UZF
Treasurer..... Bob Hambly, WA7BYD

SECTION DIRECTORS

Eastern..... Larry Hodge, W2PT
Central..... Eric Frank, W9OVY
Southeast..... Denis Parker, WD4ACH
Midwest..... Don Berggren, KØOAV
South Central..... George Jackamonis, K3JRD
Rocky Mountain..... Mike Rafferty, AAØAO
Northwest..... Bob Hambly, WA7BYD
Southwest..... Dan Hough, KA7BHS
Central Canada..... 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..... Mon.-Sat., 7:30 a.m..... 3.983
Northwest..... Thurs., 7:00 a.m..... 3.984
20-Meter..... Mon.-Sat. 1545 z(st), 1454 z(dt)
(10:45 East., 9:45 Ctr., 8:45 Mtn., 7:45 Pac.).. 14.3075
Halo Net..... Every day, 1800 z.... 21.390
Missionary Calling Frequency 21.390

ARMS SECTIONS



From the President's Shack...

Greetings again from Sun City. We have been enjoying the fellowship with ARMS members who have found their way down to the sun country for the winter.

We were happy to have all of the officers of ARMS present at our Southwest Section brunch in January, WA7BYD from Oregon, KØGAZ from Iowa, W6UZF from northern Arizona, and K7AQ from here in the Phoenix area. You will be able to see the expertise, willingness, and time that these men contribute to the ARMS group as Dave, W5PQL, presents each one in each issue of The BEAM. On behalf of ARMS I want to compliment and express our thanks to Dave for an outstanding job on his first issue of The BEAM.

We have been busy. Along with this issue, you are receiving a 1994 ARMS Membership Directory. Also, there is a revised copy of the ARMS Constitution and By-Laws which we are asking you, the membership, to ratify. Finally, there are two forms for you to fill out and return to our treasurer—the dues and membership renewal form, and the ballot for the election of officers for the next three years and the ratification of the constitution.

I consider it a privilege and a blessing to have served as the president of our group. Words cannot express my appreciation to the officers, editorial staff, section managers, net manager and all our net control stations, who work so faithfully to make ARMS the great organization it is today. The Lord bless each one and thanks to all. 73 and 99.

Charlie, K7AQ

Missionary Schedules

The following schedules have been given to us by the missionaries listed, and should be current at the time of this publication. Please send any changes to the editor. All times are in UTC (zulu).

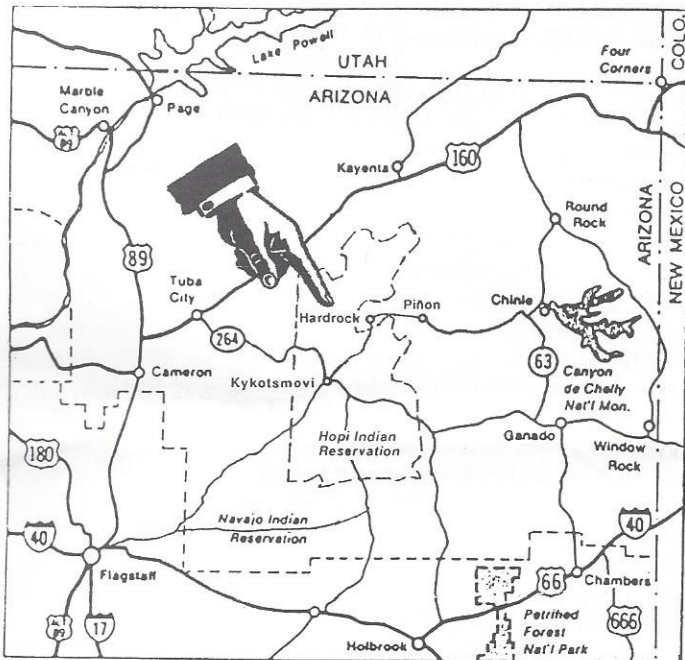
Name	Call	Day(s)	Time	Freq.
Steve Clark	P29SC	Daily	0530	14.222
		Daily	1000	14.226
Mats Gunnarsson	HC7SK	Daily	1200	21.325
Joan Kinde	9L2JK	Mon-Sat	1700	21.420
Ray Rising	HK3BBR	Sun	1900	21.428
		Sun	2130	21.428
Kathy Rowell	N6HEP /DU10	Twice a week	2300	21.333
Don Scarrow	OA4YS	Sun	2100	21.190
Gordon Wiems	KB7TRF /DU4	Daily	2330	21.309

Missionary Reports

From Phil and Dee Caster, N7YJJ and KB7UEZ (Arizona)

Phil Caster, N7YJJ, serves with his wife, Dee, KB7UEZ, at the Hardrock (or Gadiahi) Mission Station, on the Navajo Indian Reservation in northeastern Arizona. The Hardrock Mission is one of a number of missions operated in the western United States and Mexico by NGM (Navajo Gospel Mission) Indian Tribal Outreach. In addition to church-related activities, the mission also sponsors a K-6 Christian school for Navajo children.

The mission is very isolated. It is roughly in the



middle of the Navajo Reservation, about 110 miles north-east of Flagstaff, Arizona. The nearest town with a post office, a gas station and a grocery store is Kykotsmovi

Editor's note

I want to thank each of the missionaries who took the time to complete and return the information form which I sent out to you with the last issue of The BEAM. The response was very gratifying.

Because of that response, I will not be able to include all of those reports in this issue. If your report isn't here, it will be in the next BEAM. I have selected these reports on the basis of geographical distribution and diversity of assignments, rather than on the dates on which they were received.

Again, many thanks to all of you. We appreciate the work that you are doing for the Lord. — • • • —

(pronounced key-coats-moh-vee), and that is 14 miles away by unpaved road, on the Hopi Indian Reservation. In fact the Hopi Reservation almost surrounds Hardrock. It is in the high plateau desert.

Two years ago we reported that Phil had just gotten his General class license with the call KB7LEF. Since that time he has gone on to upgrade to Advanced class, and now has the call N7YJJ. He is a regular check-in on the ARMS 20-meter net as well as the Rocky Mountain



Dee and Phil Caster

Section 75-meter net. Also, his wife, Dee, has gotten her Technician license during the past year.

Phil and Dee have been at Hardrock since 1981. He is the custodian for the mission compound, and together they are involved in general youth work throughout the year and Vacation Bible Schools in the summers. The mission sponsors 14 VBS programs in their area. They also are active in visitation and Bible studies. From time to time Phil is called on to preach.

The work at Hardrock has been difficult in the past. For many years few young people followed Christ or became leaders in the church because of the resistance to the Gospel by adult family members who clung to their traditional tribal ways. However, something has happened in recent years to change that picture. Churches have been growing rapidly in the past ten years, as people have become receptive to the Gospel. Now there are Christian families who are very anxious for their children to attend Christian mission schools. They are seeing God's hand working in the lives of their people.

Ham radio and missionary work go hand in hand there. Not long ago the mission was having one of their candidate schools, when missionaries come in to gain cross-cultural experience.

"The children of the missionaries who were there had a program of their own," writes Phil, "and I was involved with that. My part was to contact a missionary overseas by ham radio and let the children talk to him on the air. The missionary that I contacted was in Honduras.

"As we talked to him we learned that there were four
Continued on the next page

children of missionaries there in Honduras who were very sick with high fevers. They were in a very isolated region and medication was not available. So each of the children with me chose one of the sick children to pray for. Four days later, we learned that the fevers of all four of those sick children had broken at the same time. What an experience for those children to see their prayers answered so definitely and so quickly! I felt very privileged to be able to be a part of that."

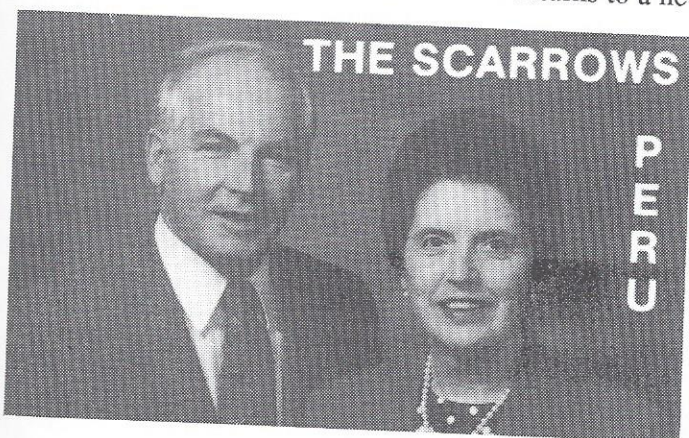
Phil requests that ARMS members continue to pray for the NGM missionaries in Mexico and for funds for needed ham radio equipment, especially for 2-meters. Also pray for Phil and Dee as they strive to be in God's will as they work with the Navajo people there in Arizona.

Phil and Dee's mailing address is: P.O. Box 41, Kykotsmovi, AZ 86039.

From Don Scarrow, OA4YS/VE5DD/AD4MT (Peru)

You mention Peru, and many people immediately think of the "Shining Path" and its reign of terror that has plagued that country for the past 15 or so years. For those people, it is a good reason *not* to go to Peru. However, for Don Scarrow, OA4YS/VE5DD/AD4MT, and his wife, Faith, KE4GVI, Peru has been a land of opportunity to spread God's Word through teaching, preaching, and now administration.

This past January, the Scarrows returned to Lima to begin their seventh term of missionary work with the Christian and Missionary Alliance in Peru. They had spent time in the interior earlier in their ministry, but more recently have been located in Lima. Don returns to a new



Don and Faith Scarrow

position—that of Field Director, thus the move into missionary administration.

Don was first licensed as a ham in Huanuco, Peru in 1965, as OA3O. In 1977 they moved to the fourth call district, so he became OA4YS, the call that he holds today. He passed his Canadian Amateur class license exam in 1967 and received the call VE5DD. In 1982 he upgraded to the Canadian Advanced Amateur class, with the same call. On his most recent furlough, he achieved

his goal to be licensed in the U.S. In August he passed the General exam and received the call KE4DCT, and in November upgraded to Extra class with the call AD4MT. Also during that time, Faith passed her Technician exam and became KE4GVI.

Ham radio has played a big part in the lives of the Scarrow family. When their children were in school in Quito, Ecuador, dedicated hams with the C&MA and HCJB made it possible for Don and Faith to maintain contact with them throughout all of their years in Quito. Later, when the Scarrow's children were studying at Tocco Falls College in northeast Georgia, Ray Woerner, K4BDU, made many contacts for them.

Since then, two of the Scarrow's three children have become licensed hams. Their daughter, Jessie is N2JWV, and is now serving with her husband Jonathan as missionaries in Guinea, West Africa. Their older son Steve is KC4DWR, and he and his wife, Andrea, are missionaries in Guadalajara, Mexico. Their other son, Dan, is an assistant pastor in Marietta, Georgia. So they are, indeed, very much a ham family as well as a family in ministry for the Lord.

"I first learned about ARMS through Gordon, then VE5HP," says Don. "I had the opportunity to meet several ARMS members at Brandon, Manitoba in 1983. Since then I have kept skeds with Don, VE4ACA, and Jim, VE4ID. Faith joins me in thanking ARMS members for their friendship and prayer ministry."

The Scarrows' new address is: Apartado 18-1054, Lima, 18 (Miraflores), Peru, S.A.



From Steve Clark, P29SC/N9IHJ (Papua New Guinea)

Steve Clark, P29SC/N9IHJ, and his wife, Dawn, have been with the Wycliffe Bible Translators in Papua, New Guinea since 1985. They are working with the Sio peoples in the province of Morobe, on the northeast coast of the mainland.

They are in the final stages of translating the New Testament and the Psalms into the Sio language. There are about 3500 people who speak that language. As is usually the case when translators are working with a primitive peoples, the Clarks are also heavily involved in an extensive literacy program. It is just as important to teach the people to read and write as it is to translate God's Word

Continued on the next page

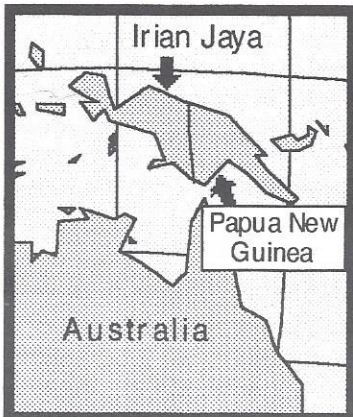
into their language. Without the literacy work, the translation work is pointless.

While the work has many rewards, it is not without frustration. "We face considerable resistance and spiritual oppression," writes Steve, "but the Lord is encouraging us greatly by the response of many people. As we read translated portions to them, they are thrilled to understand for the first time what the Bible says. This is especially true of the Epistles, which have always been very difficult for the people to understand in the Pidgin English translation (which they already have).

"The Sios also are applying the truths of Scripture to everyday life, and some believers are beginning to stand against the magic and ancestral practices which do not fit in with Scriptural teachings. We have been able to use translated Scripture to help prevent the spread of a major cult which is in one village.

"Each of us should thank God for the marvelous privilege of having His word in our own heart-language," says Steve. Please continue to pray for the Clarks as they labor to complete the task to which God has called them.

Their mailing address is: SIL, Box 426, Ukarumpa, Via Lae, Papua, New Guinea. — • • • —



From Dave Shortess, W5PQL (Chile)

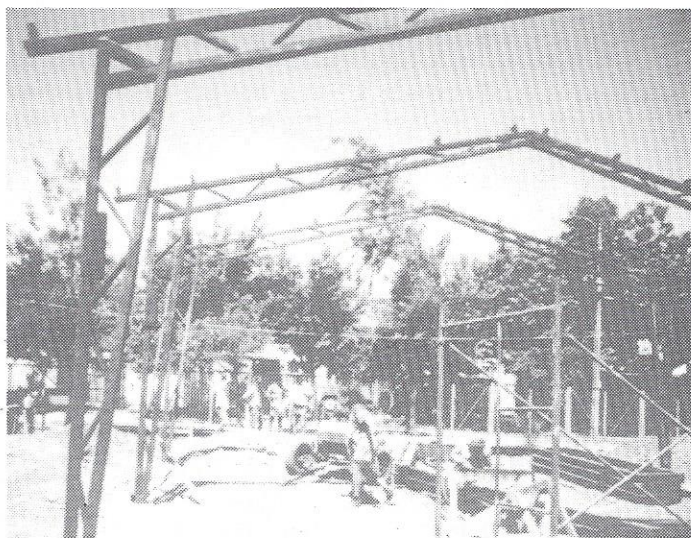
In November, 1993, I was privileged to spend three weeks as a part of a work crew on a short-time mission project in Santiago, Chile. Chile is that long, skinny country on the west coast of South America (see map on page 4). It has a population of nearly 15 million, about a third of whom live in its capital, Santiago.

There were 11 of us on the work crew. The purpose of the trip was the construction of a new church building for a small congregation in Santa Elena, one of Santiago's lower-middle class suburbs. We were working with the Gospel Missions of South America.

The believers there have been meeting in a very small chapel which comfortably seats about 36 people. That is 12 benches, three to a bench. If the people aren't too big you can get four to a bench. However, some of their services run to 50 or more—a full house! They have only one Sunday School room.

We were able to get the new building, with an auditorium designed to seat about 150 and seven classrooms, well under way. When the crew left, the roof was on, the slab was poured, the doors and windows were in, and the brick walls were mostly laid up. I was involved almost exclusively as a welder's helper. We fabricated all of the beams and trusses of the building and put all of the framework together.

We found the Chilean people to be very and friendly. Although there was a language barrier, there was no barrier to the love and concern that they showed toward



Mission church in Santa Elena, Santiago de Chile, under construction

us. It was most gratifying.

We were pleased to find a thriving economy in Chile. The Communist regime in the early 1970s nearly wrecked the country, but fortunately it last only three years before it was over-thrown. Since then there has been a steady, solid economic growth under free enterprise. There are many new buildings being constructed, inflation is well under control, and unemployment is decreasing. Some serious poverty still exists, but the situation is improving.

If you can't be a full-time missionary, why not consider short-term mission work? There are many opportunities for people with all sorts of skills. If God could use this retired college professor as a welder's helper, He can use anybody! Pray and make yourself available to God, and He will use you.

Dave Shortess, W5PQL

From Laura Bonney, KA3JLT/DU3 (Philippines)

Typhoons, cockroaches by the dozens, days without electricity, robbery at gun-point. These are a few of the trials that Laura Bonney, KA3JLT/DU3, has had to put up with in her new assignment in Gapan (rhymes with Japan), Philippines, on the northern island of Luzon. Gapan is a town of about 40,000 about 70 miles northwest of Manila.

Laura and her partner, Ruth Haynes, have been with



Laura Bonney

Continued on the next page

SEND International for 15 years. They are half time with a church planting team and half time in the Training and Publications Department. There are ten members in the church planting team. Although the team has been there in Gapan for four years, Laura and Ruth were assigned to work with them on September 1, 1993. That meant relocation.

They found a suitable apartment, but had to kill 40+ cockroaches and do a lot of repairs before they could move in. They arrived on September 30. Four days later a typhoon struck. There were lots of leaks, the walls turned slimy and they were 45 hours without electricity. What a welcome!

Three weeks later they took the bus to Manila to shop for a car. On the way they were robbed at gun point, on the bus! Praise the Lord, the robbers got less than \$5 and a pocket calculator from them, but it was a harrowing experience.

Laura also has a ministry with children (M.K.s as well as native children) with her friend, Ernie. Ernie is a puppet (we used to call them "dummies"). Last summer, while they were in the U.S. and Canada, Ernie got a new head. "No more cracks, splinters, holes or headaches," he says.

Laura asks for prayer that God will provide a suitable car, a telephone, and a solution to her on-going computer problems, that the church planting team will experience clear direction and strong unity as they work to see a church started, and that God will give wisdom as to how to proceed with the translation and preparation of the Bible Visuals Life of Christ project.

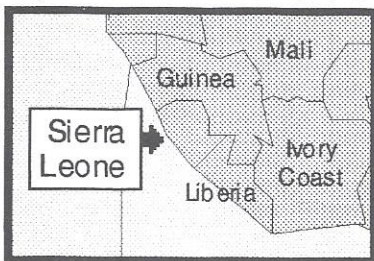
Laura's mailing address is: SEND International, Quezon City Central P.O. Box 1415, 1154 Quezon City, Philippines.

From Joan Kinde, 9L2JK/KBØDDV (Sierra Leone)

As of this writing, Joan Kinde, 9L2JK/KBØDDV, and her husband, Don, are preparing to return to Makeni, Sierra Leone, after six months of home ministries in the United States. They have been in the U.S. since December, 1993.

Sierra Leone is located in coastal west Africa, between Liberia and Guinea, and is a little smaller than the state of South Carolina. It has a population of about 4 million. Makeni is about 120 miles north-east of the capital city of Freetown.

The Kinde's are with the Wesleyan World



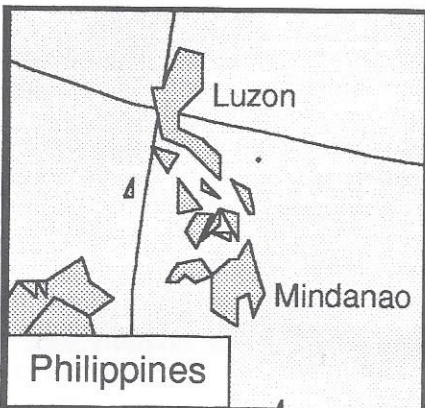
Missions in church/mission administration, working with their national church leaders. Joan, specifically, has been heavily involved in a very active women's ministry.

"After many years of missionary leadership in women's ministries," writes Joan, "I transferred the cloak of that leadership on November 1, 1993. At that time the women elected their first full time national director. It is exciting to be actively involved in the orientation and training (of that local leadership)."

One of the many rewards of being a missionary is working yourself out of a job, as you watch God raise up local leaders to take over the tasks He called you to do initially.

The Kinde's mailing address is: Box 305, Freetown, Sierra Leone, West Africa.

From Jim Lewis, DU/KD4FCK (Philippines)



Jim Lewis, DU/KD4FCK, his wife Leslie and their four children have been at the S.I.L. (Summer Institute for Linguistics, Wycliffe Bible Translators) center in Nasuli, the Philippines since May, 1993. Jim joined ARMS not long before they left for their field assignment. Nasuli is located on the large southern island of Mindanao.

The translation center at Nasuli is S.I.L.'s nerve center for Mindanao. There are two field centers elsewhere on the island, as well as outlying stations, and the only communication with them is by plane and radio. Jim is the Nasuli

radio supervisor—responsible for the operation, maintenance, and repair of the radio equipment. He has a daily net with translation teams throughout the island of Mindanao as well as other nearby islands.

By now the Lewises are well settled in. Their oldest daughter, Amanda, attends Faith Academy in Manila. Jim has joined the local ham radio club. And everyone there is praising the Lord for their new home and the real feeling that they are where God wants them to be serving Him.

The Lewises' mailing address is: S.I.L., Nasuli, Malaybalay, 8700 Bukidnon, Philippines.

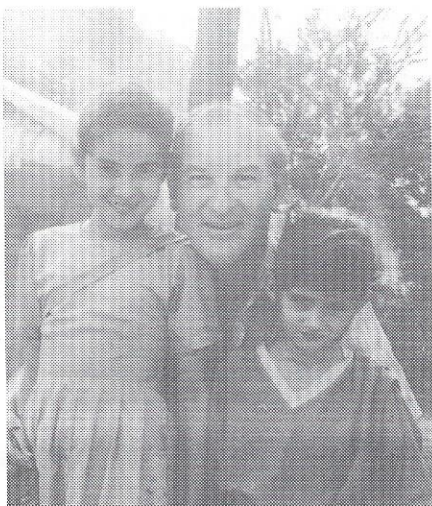
From Ray Rising, HK3BBR/KØLWJ (Colombia)

Ray Rising, HK3BBR/KØLWJ, and his wife, Doris, are with the Wycliffe Bible Translators in Lomalinda, Colombia. Colombia, torn with drug wars, is located on the northwest coast of South America, between Venezuela, Ecuador, Peru, Brazil and Panama (see map on page 7). Lomalinda is located about 150 miles southeast of the capital city of Bogotá, on the far western reaches of the

Continued on the next page

Amazon watershed. Ray is a telecommunications technician with Wycliffe. He is also involved in public relations and security.

Transportation is sometimes a problem in those more remote areas of Colombia. Ray finds that a motorcycle, actually a cross country dirt bike, can provide economical as well as somewhat reliable transportation. However, these machines do have their drawbacks. Like the time a couple of years ago when a steer ran out in front of him when he was doing 30 MPH. He hit the steer, and he didn't tell us how the steer fared, or the motorcycle, for that matter. But Ray came out of it with a broken arm, which has continued to be a problem for him. It is still in a cast. Fortunately, he had his Icom 2-meter hand-held with him, and it survived the crash without a problem. He used it to call for help.



Ray Rising and friends

orphaned when both of their parents and a baby sister all lost their lives in a boating accident.

Ray's mailing address is: Instituto Lingüístico de Verano, Apartado Aéreo 100602, Bogotá, Colombia, South America.

— • • • —

From Larry and Barbara Castner, N7JVV/PW8ZLC and KD4RJE, (Brazil)

Larry and Barbara Castner, N7JVV and KD4RJE, spent six months in Porto Vehlo, western Brazil, from July, 1993 to January, 1994. Larry was in charge of refrigeration and other equipment at the Wycliffe translation center there. Larry has filed the following report.

It was with mixed feelings that we left Porto Vehlo, Brazil, to return to JAARS, Waxhaw, North Carolina in January. We loved the Brazilian people and made many friends even though we had limited language skills in Portuguese. A smile, a friendly greeting and a handshake bridged many barriers.

Gross poverty is common for the whole of the



Amazon Basin. Observing this increased our desire to see that these people learn that they do have hope if they put their faith in Jesus Christ. The problems are, first, they do not have the Bible in their "heart language," and second, a large majority are illiterate. We at the Wycliffe Bible Translators are working in both these areas. The Word of God is precious to them, as evidenced by the native pastor who travels from village to village with only one page of his Bible. Since he is traveling in areas of active rebel activity, he would not think of risking the loss of his whole Bible. He will risk one page, and his life, yes, but not his family's only Bible.

Thanks to many of you in the ARMS group for your prayers and the financial help you sent to enable us to go to Brazil. The request for help by the Porto Vehlo center, and our ability to go, was a direct aid to Bible translation—a part we can all share in. PTL!

Barbara and I, and the JAARS Center, would love to have a visit from anyone traveling this way! Stop and see us at Waxhaw, 30 mile south of Charlotte.

Larry Castner, N7JVV/PW8ZLC

P.S. Communications at JAARS has 25 requests for HF radio equipment for field missionaries. I would like to hear from anyone wishing to donate gear or to help in this area. My telephone numbers are: work—(704) 843-6040, home (evenings)—(704) 843-5009.

—N7JVV

From Merritt Tegeler, KL7AVS (Alaska)

Merritt Tegeler, KL7AVS, has been a missionary in Alaska for 37 years. He began his ministry there just as ARMS was getting organized, and was one of its early members and contributors. His reports appear often in early issues of The BEAM.

He and his wife, Louise, spent all of that time at the SEND Mission (Formerly the Central Alaskan Missions) in Glennallen, Alaska, about 180 miles east of Anchorage. Merritt has been involved in maintenance and construction work.

He has been active in amateur radio. He served as the president of their local ham club for two years and is now their vice-president. He writes that he has some antenna work to do, but that the winter has slowed that some.

Merritt has also informed us that, after a six-month battle with cancer, his wife went to be with the Lord on June 14, 1993. Merritt and Louise had been married for 45 years. Our prayers are with him as he pulls the pieces back together. He is grateful that he is very busy. "God's presence, grace, and encouragement keep me going," he concludes. "Praise the Lord!"

Merritt's mailing address is: P.O. Box 875362, Wasilla, AK 99687.

— • • • —

From Leon and Lola Winter, WX6I and WD6CAO

In the last issue of The BEAM we reported that Lola

Continued on the next page



Winter, **WD6CAO**, wife of Leon Winter, **WX6I**, had been diagnosed as having cancer. Because of Lola's illness they were forced to return to the United States from the Philippines where they had been translators with Wycliffe. Since that time, we have received several communications from Leon and Lola.

Lola has been on chemotherapy. It has had some bad side effects, primarily numbness in her feet and hands, but the doctors are working on that. And she praises the Lord for the positive effect—life! When she was first diagnosed, they were told that she probably had eight to ten months to live, even with chemotherapy. In January she passed the tenth month and was getting stronger and feeling better each day! Praise God for His love and intervention!

Leon continues to work at the Wycliffe headquarters in Huntington Beach. Their need for support continues, even though they are not on the field. Gifts and support should be sent to Wycliffe Bible Translators, Box 2727, Huntington Beach, CA 92647, with a note, "*For the ministry of Leon and Lola Winter.*"

Their home address is: 720 Victoria St., #D3, Costa Mesa, CA 92627. — • • • —

An equipment request from Art Norris, **WØODW**

ARMS member, Art Norris, **WØODW**, worked for many years as a missionary with the Immanuel Mission on the Navajo Indian Reservation in Arizona. He is now semi-retired and living in Cortez, Colorado, but continues to be active in missionary work.

Art became interested in hamming when he was located 30 miles from the nearest telephone (and 75 miles from the nearest town), and needed more available communication. He says that he often used the ARMS net to help him make contact with folks off of the reservation. Although his current activities prevent him from checking into the 20-meter net very often, he says that he does enjoy listening to the check-ins and the scripture verses that they give on the air.

Art has a friend, Jerry Nininger, who for the past eight years had been at the same Immanuel Mission where Art worked. He says that telephone service hasn't improved much since he was there, and he has encouraged Jerry to get his ham ticket. Recently he got his Novice license and is now **KB7YJY**, and is about ready to go for his General.

However, Jerry has no equipment. His missionary's pay is rather minimal, and with four children to support, he hasn't much money for ham gear. What he needs is a 2-meter rig to reach the several repeaters that are in his area. In order to do that he would need a rig with about 25 watts of power and tone capability, and a decent antenna. So if any of you ARMS members have such equipment that you would be willing to donate, or if you could purchase it for Jerry, he would be very grateful.

His mailing address is: Drawer C, Teec Nos Pas, AZ 86514. — • • • —

We welcome our new members

WA1QFM	Daniel D. Allen, 520 Old Post Rd., Tolland, CT 06084
WB2LOE	Paul R. Cook, 6751 Webster Rd., Westfield, NY 14787
KA3DJJ	Floyd Zook, 245 N. Fulton, Strasburg, PA 17597
AA3EV	John M. Stegman, 7337 Windsor Mill Rd., Baltimore, MD 21244
KD4RJE	Barbara Castner, 9412 Simpson Rd., Waxhaw, NC 28173
WA4ZRS	JAARS Radio Club, P.O. Box 248, Waxhaw, NC 28173
N6CUX	Tim Everingham, 4358 Monaco St., San Diego, CA 92107
KE6ELL	Wally Westoby, 466 N. Sunwood Dr., Porterville, CA 93257
RD6GI	Kenneth "Doc" Altig, 1520 E. 60th St., Long Beach, CA 90805
KB7MZZ	Dennis F. Caldwell, P.O. Box 4213, Whitefish, MT 59937
KB7SYW /XE	Danny Cox, %FFHM, P.O. Box 9803, North Hollywood, CA 91609
KB7VPY	Harry Akers, 7234 North 25th Dr., Phoenix, AZ 85051
KB7YWY	Stephen G. Hyman, P.O. Box 181255, Coronado, CA 92178
KB7YWZ	Lynn U. Hyman, P.O. Box 181255, Coronado, CA 92178
N7ZNR	Stephen E. Armstrong, 138 Avenue C, Billings, MT 59101
KB7ZXQ	William Smith, 330 N.E. Scenic Dr., Grants Pass, OR 97526
KGØEC	Herbert P. Roszhart, 1408 "A" St., Aurora, NE 68818
VE6CJB	Bonnie Cunningham, P.O. Box 261 Three Hills, AB TØM 2AØ
VE7ICL	Kenneth W. Long, 46105 Davis Ave., Sardis, BC V2R 1Z9
XE2AAG /N4HUE	Stephen M. Davis, Aguascalientes, AGS, Mexico 20041

Associate Members

FEBC, P.O. Box 1, La Mirada, CA 90367
HCJB, Casilla 17-01-00691, Quito, Ecuador, S.A.
SIM, USA Media Office, P.O. Box 7900,
 Charlotte, NC 28241
TWR, P.O. Box 8700, Cary, NC 27512

Jay was 19 years old, unmarried and unattached. He had accepted the Lord six years earlier, during an evangelistic crusade in his church. His sister was on the evangelism team, and she led him to the Lord. Since that time, Jay had been active in the church, so he soon became acquainted with the new pastor and his family. The "prettiest one" was named Dottie, and it wasn't long until he realized that she had noticed him as well. Soon Cupid's darts began flying, and on June 24, 1940, Jay and Dottie were married.

Jay was born on October 15, 1917 in George, in northwest Iowa, the town where he has lived all of his life. His father, Philip Sudenga (pronounced Soo-den-gay, with the accent on the first syllable), was in the blacksmith, welding and machine shop business. He had followed in the footsteps of his father, who had come to this country from Germany with his family in 1887. Folkert Sudenga established a blacksmith shop in George in 1888, and soon his two sons, Philip and George were working with him.

In 1902 the two sons took over the business, and in 1910 they added a Ford automobile agency. In 1920, the brothers split up. George took the auto dealership, while Philip retained the blacksmith and welding shop.

Jay and his older brother, Floyd, grew up helping in the shop, and when they completed high school they continued working with their father. The business prospered, even during the depression years, and in 1944, Philip Sudenga approached his sons about going into partnership with him. He had been in the business for over 50 years, and his health was deteriorating. The boys weren't sure, so they held off on their answer.

"Then, in December of 1944," Jay recalls, "Floyd and I were approached by a Mr. Herman Friesen. He was a missionary, and he needed support for his work. Would we help him?"

As Floyd and Jay prayed about and discussed the situation, the Lord unfolded a plan for them. Soon they went to their father with the plan. Yes, they said, they would accept his offer to join him in the business, but instead of a three-way partnership, they wanted a four-way partnership. The fourth partner would be the Lord. It would be God first, then Philip, Floyd and Jay. Philip gladly accepted the proposal, and the new partnership began January 1, 1945.

"Mr. Friesen received his check every month, and the business grew steadily," Jay reflects. "In the years following, other missionaries were added to the payroll, until eventually we were able to support five missionaries on the field."

But 1945 brought other changes to the business. In March, a fire destroyed part of their shop, and later that year they decided to go into manufacturing. Their first contract was for rear end manure loaders for Ford Ferguson tractors. In the years that followed, as demand grew and they got more ideas from the farmers in their community, they added more and more items of farm equipment to their line.

In 1958, after they started manufacturing bulk feed bodies, they realized that they needed more space. So the decision was made to move to an eighty-acre site just outside of the town. The site had an airstrip and a small hanger at one corner. They constructed a new, much

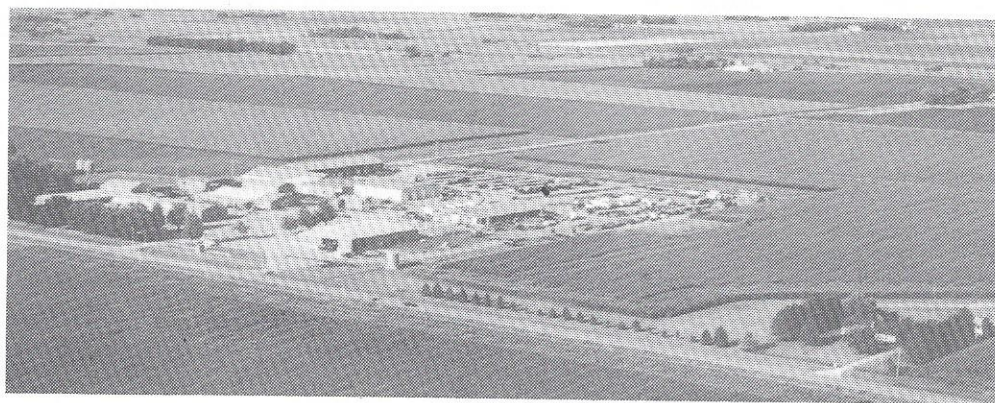
larger building and moved their manufacturing operations into it. Later, Jay and Dottie built their home on another corner of that property.

In 1960 the company incorporated as Sudenga Industries, Inc. Growth continued and

more buildings were added, despite two fires in 1970 and 1975. By this time they were concentrating on the manufacturing of grain handling equipment. Finally, in 1977, with the company occupying approximately 114,000 square feet of building space, and employing 85 persons, Floyd and Jay decided to retire. They sold the company to five of the company's senior employees, all Christian men. Since then, it has continued to prosper, with a current payroll of over 150.

Jay has made no bones about the role that the Lord has played in the success of the company. "We made our motto: 'Our mission is missions, and we manufacture to pay the expenses,'" he said. At their 100th anniversary celebration in 1988, Jay continued, "We are grateful to our customers and their loyal patronage. We also give all praise, honor, and glory to God, who has guided us through the past 100 years. The past and present owners remember the words which they have taken as their motto through all of these years: 'Trust in the Lord with all thine heart, and lean not unto thine own understanding. In all thy ways acknowledge Him, and He shall direct thy paths,' (Proverbs 3:5,6)."

Continued on the next page



Aerial view of Sudenga Industries and Jay and Dottie Sudenga's home (lower right). Note the model plane airstrip behind the house.



In spite of his commitment to his business, Jay found time for a number of other activities. He has always been a family man. He and Dottie raised two daughters. They now have five grandchildren and two great-grandchildren, the youngest born just a few months ago in Albuquerque, New Mexico.

Jay has always loved to sing. In the early days, back in the 40's, in addition to singing in the choir, he and his brother were half of a gospel quartet, the "Singing Gospel Four." They held services in churches within a 125-mile radius of George, singing and giving their testimonies, and seeing good results for the Lord.

The 40's also saw Jay develop an interest in flying. He got his pilot's license in 1946, and over the next 30 or so years, he was the owner of several planes. Perhaps the fact that the 80-acre site to which they moved had an airstrip on it was an added inducement to buy that particular piece of property. Jay likes to tell about the "airborne lunches" that he and Dottie had.

"I would call her and tell her to pack a lunch," Jay reminisces. "Then I would taxi the plane down the strip to our place. The company airstrip ran right down to the house. I would pull in onto the lawn by the door, and Dottie would bring out the lunch and hop in. Then, as we cruised over the flat, Iowa farmland, we would enjoy our chicken-salad sandwiches together. It was great."

In 1978, after he retired, Jay decided that he would leave the piloting to younger folks, and he turned his attention to the construction and flying of radio-controlled model planes. He even had a 300-foot runway built behind their house for that purpose. But his models weren't just the little balsa-wood and tissue paper structures that many of us remember. When Jay goes into something, he generally goes "whole hog." One of his models is a 1/4-scale CAP 21 French racing plane (see photo above). It has an 81-inch wing span, weighs all of 14 pounds, and is powered by a Quadra chain saw motor. It even comes with an authentic, 1/4-scale French pilot! "I can still get the thrill of flying, and keep my feet on the ground," says Jay.

In the 1950's Jay became interested in amateur radio, and in 1956 he got his Novice license with the call KNØGAZ (Good Aluminum Zipper). Within the year he passed his General and has been KØGAZ ever since.



Jay and his 1/4-scale model of the CAP-21 French racing plane.

One Saturday several years later he was roaming around on 20-meters when he ran into WØLSF, Don, and WØQCB, Francis, on the ARMS Net. He broke in and had a wonderful time of Christian fellowship with the group. He joined ARMS in 1962.

"The net was pretty small in those days," he recalls. "There was Emil, W7FQ (Foolish Questions), and Brownie, K6GRS (Green Rattle Snakes) and a few others. Emil was a big help to me. I regret that I had to miss the net a lot of days because of my work schedule at the factory, but ham radio was a very relaxing hobby for me.

"I attended my first ARMS convention in Indiana and it was great to meet WØLSF and WØQCB in person. I have attended many of our national ARMS conventions over the years, as well as our Midwest Section meetings," Jay continues.

"Our ARMS Net has a job to do in giving out the Word of God over short wave radio. We never know who is listening, but God will have the right ones there at the right time to hear what we have for them."

Ham radio and ARMS has given Jay some interesting opportunities. He has maintained contact with several missionaries, and has made two missionary trips to South America. In 1961 he went to Paraguay, and in 1969 he and Dottie went to Ecuador to work with his good friend, Roger Stubbe, HC1RT/WØZMU. Roger works with HCJB in Quito. Jay and Roger were home town buddies, and Roger's father still lived in George. Jay continues to maintain a regular Sunday schedule with Roger on 15-meters.

Perhaps the most significant contact with Roger came in 1968. As a part of his job, Roger was replacing a breaker in an electrical panel. In the process, a wire shook loose and grounded a 480 volt line, producing an electrical explosion. Roger was severely burned by the accident. Jay heard about the accident on the ARMS Net from K6GRS, who had picked it up from the Halo Net. Jay called Roger's father.

"Can you call Quito on the radio and find out how Roger is doing?" his father asked.

"I knew that it might be tough without a schedule," says Jay, "but

I put out a CQ to Quito, and soon got a response from a station in Guayaquil, south of Quito. He said that he would phone HCJB and see if they could get a ham on the air. He did, and soon I was talking to an amateur station in Quito. He had a phone patch and put in a call to the HCJB Hospital. In the meantime, Roger's father had come over to my house, and soon he was talking to his son. Tears rolled down his cheeks as he heard Roger say, 'I'll make it, Dad. I'm okay.'"

Continued on the next page

On another occasion, Jay used Roger to help someone else. Dr. G. Christian Weiss was the missions director for *Back to the Bible Broadcasts*. One Sunday Dr. Weiss called Jay.

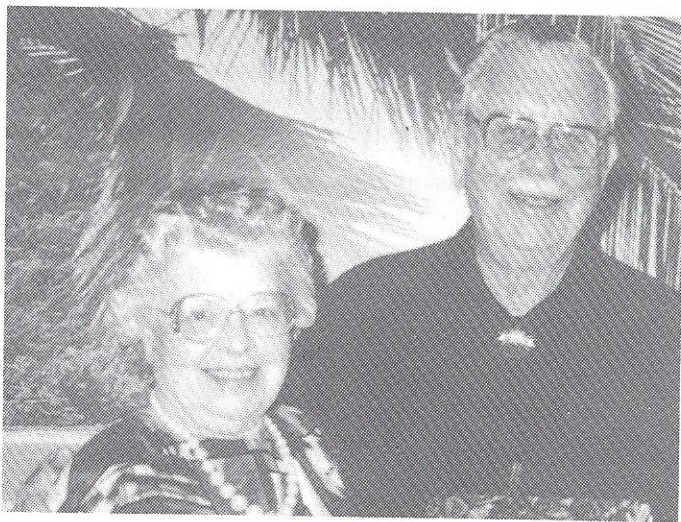
"Jay, I am going to have major surgery," he said. "I have a bad heart and other complications, so I am going to have a heart bypass operation. My daughter, Marilyn, works at HCJB in Quito. Could you get word to her by radio that I am going in for this surgery?"

"I contacted Roger," says Jay, "and he patched me into Marilyn. I passed the message to her, and we set up a schedule for further contacts through Roger.

"On the day of the operation, at 5:00 p.m., I talked to Roger, and he got Marilyn on the phone. Then I called the hospital in Lincoln, Nebraska. Marilyn was able to talk with her mother who was at the Intensive Care Unit, and learn first hand that her father was doing all right.

"A couple of days later we made a third contact, and this time Marilyn was able to talk directly to her father in the hospital. Dr. Weiss was very excited at hearing his daughter's voice and about the wonders of ham radio."

All of his life Jay has been interested in helping people. That interest has ranged from helping boys get their ham tickets, and running phone patches for overseas missionaries, to serving on the George Town Council, serving on the Board of Directors of the Christian Service Men's Centers, and serving on the Board of Trustees of



Dottie and Jay

Northwestern College, a Christian Bible college in St. Paul, Minnesota, a position which he has held since 1975.

Jay has done his share in ARMS activities as well. In addition to his current position as Arms vice-president, he has been active in the Midwest Section, has served on several ARMS committees, as well as serving a number of years as the president of ARMS.

Any time you want to chat with Jay, he is ready and willing. Just tune into the 20-meter ARMS Net, 14.3075 MHz, any day except Sunday at 1545 z (standard time) or 1445 z (daylight time) and listen for his booming signal and his d-e-e-e-p, melodious, friendly voice. He may be in George, Iowa if it is summer time, or he may be in

Mesa, Arizona if it is winter time, or he may be mobile in his car somewhere else in the country.

Jay and Dottie have enjoyed traveling north and south, east and west, all around the country. And when they are on the road, they look up many ARMS members as they travel. "It has been a real pleasure getting to meet so many of the ARMS gang and their families in person," says Jay. "I always like to get a look at the shack as well as the person, so I can visualize them in my mind when I am talking to them on the air."

But wherever Jay is, at home or on the road, he will be praising the Lord for His care and His goodness. "Whatever successes we may have had in this life all happen because of God's grace and His love for us," he says. "We give God all of the glory!"

— ... —

The Lord saves plane from an untimely crash landing

As we are going to press, we just learned that on February 21, Jay, **KØGAZ**, made a successful maiden flight with his model French racing plane (see page 10).

"It flew! It flew!" cried Jay excitedly, as the plane flipped and dove over an abandoned airstrip at Apache Junction, Arizona, near Mesa. "It was a little 'over-controlled,' so it really scared me at first," said Jay. "I moved the stick a little and it did two barrel rolls and went into a power dive. I thought it was going to crash for sure, but I did a lot of fast praying and pulled it out. The Lord saved my little plane for me. Praise the Lord!"

— ... —



Hi! Hi!



The other day I went to a lecture by a podiatrist. It was so boring that my foot went to sleep!

The fellow who thinks he knows it all is especially annoying to those of us who do. —Harold Coffon

A woman and her little daughter, Shelley, were waiting in line to sign the visitor's book and go into the Norte Dame Cathedral. Shelley was quite excited and kept saying, "Oh, Mom, Mom, when will we get to go in?"

Her mother kept saying, "Just be patient, Shelley, we will get there pretty soon."

Just ahead of them in line was a Catholic Sister, and she was quite amused at Shelley. Finally, they were almost there, and the Sister was signing the book. Shelley was almost beside herself and continued to needle her mother.

"Please be patient," she said. "Wait till the Nun signs, Shelley!" —Ralph Ohling, **WB7OOL**

Said the circus manager to the human cannonball, "You can't quit! Where will I find another man of your caliber?" —Gordon Pearce, **VE7GHP**



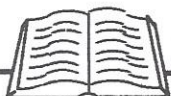
Silent Keys

Roland "Rol" Brunnsma, WAØZON, 66, went to be with the Lord, on March 3, 1994. He suffered a heart attack while washing his pickup in his driveway at his home in Boulder,

Colorado. Rol was preceded in death by his wife, Beverly, who passed away on October 4, 1992

Roy "Chick" Watson, EL8C, missionary with his wife, Joan, to Liberia with Baptist Mid-Missions since 1958, went to be with the Lord on

November 26, 1993. He was 58. Two days before he died, he witnessed to a saleswoman at a mall. After Roy's death, Joan went back to the shop to follow up the witness. She found the woman reading her Bible. She said that the day after Roy's visit, she had prayed the sinner's prayer to be saved.



Brotherly Treatment

But if any provide not for his own, and specially for those of his own house, he hath denied the faith, and is worse than an infidel. 1 Timothy 5:8

Note: All passages of Scripture are taken from the King James Version of the Bible

ACROSS

- 1 What some of us enjoy on 14.3075 mHz
- 4 "___ the season..."
- 7 Elem. or sec.
- 10 Pal in VK-land
- 14 Eggs for old Julius
- 15 Scottish explorer
- 16 London district
- 17 Norse god
- 18 Van Winkle
- 19 ΩT in Athens
- 21 Ceremony
- 22 Beginning of a very familiar QUOTATION
- 25 "___ will is the wind's will..." -Longfellow
- 26 "...the ___ of his finger..." (Lk. 16:24)
- 27 Ham letters
- 29 Like Andy Gump
- 34 QUOTE, continued
- 38 Oolong, e.g.
- 39 Indian leader
- 40 "And ___ said unto her..." (Ruth 1:8)
- 42 What Simon of Acts 9:34 did
- 43 "Go and ___ potter's earthen bottle..." (Jer. 19:1)
- 44 McNally's partner in cartography

- 47 Family M.D.s
- 48 "...sent it by the hand of ___" (II Sam. 11:14)
- 50 Ganders
- 52 Car type (abbr.)
- 53 QUOTE, continued
- 58 Schoolboy's ammunition
- 59 Standard
- 60 QUOTE, continued
- 61 "___ with a View"
- 64 End of QUOTE
- 72 Love-___ (lonely-hearted)
- 73 Skimmed money from the public coffers
- 74 Teachers' orgn.
- 75 "...this drove which ___?" (Gen. 33:8)
- 76 "___ with him," (Jn. 19:15)
- 77 Jeanne d'Arc, e.g.
- 78 ___ 54, Where Are You? (Old TV show)
- 79 \$ in Chile
- 80 Mammy Yocum, with Pa in front
- 81 Rocky hill
- 82 "...the ___ among the flags," (Ex. 2:5)

DOWN

- 1 "...slumber ___ sleep." (Ps. 121:4)

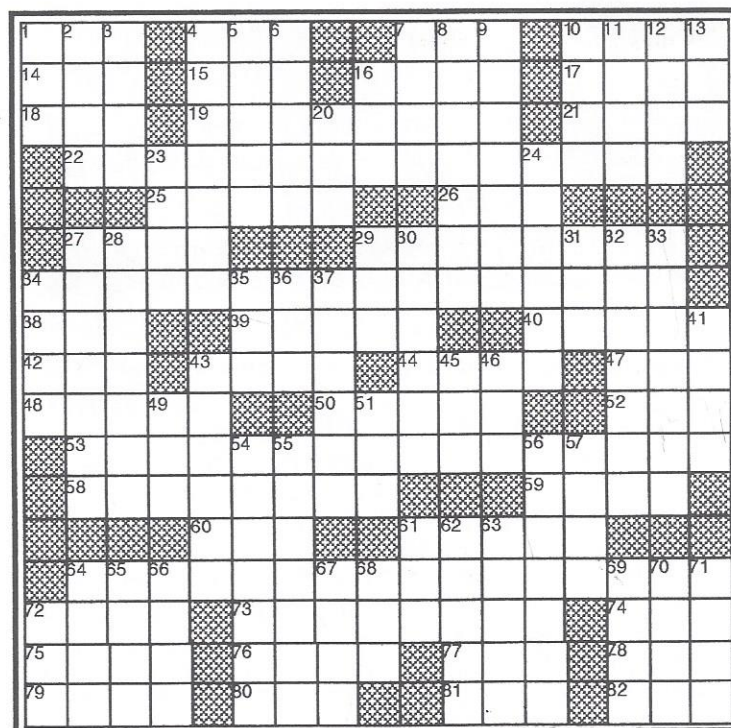
- 2 "...is it not ___?" (Mal. 1:8)
- 3 One kind of worm
- 4 "...yet ___ came." (Job 3:26)
- 5 "...waking: ___ troubled..." (Ps. 77:4)
- 6 Disreputable
- 7 "...speakest thou ___ me?" (I Sam. 9:21)
- 8 Completely without order
- 9 Great escapist
- 10 AM, poetically
- 11 Mine opening
- 12 Josip Broz
- 13 67.5° from N
- 16 Droop, as a longwire
- 20 ___ hawk (falcon)
- 23 Mishnah + Gemara = ___ + ud
- 24 High country
- 27 The frequency will ___ if the QRM stops.
- 28 Common amino acid
- 29 He has your numbers
- 30 "I am an ___," (Joel 1:9)
- 31 Borate precursor
- 32 One who plods, as in wet snow
- 33 Sign of a disease
- 34 Aleutian island
- 35 45° from 13 DOWN

- 36 "...give us pulse to ___," (Dan. 1:12)
- 37 As one end of a tubular mast section
- 41 "...the scripture ___ any..." (II Peter 1:20)
- 43 Scrooge's nocturnal visitors
- 45 "...he planteth an ___," (Is. 44:14)
- 46 Prefix for plasm or classic
- 49 "...looked out ___ window," (Ge. 26:8)

- 51 Printers' measures
- 54 Capital of EQ-land
- 55 Donkey brays
- 56 "He made me ___ I couldn't refuse!"
- 57 An I-lander's capital
- 61 "...I will ___ to your yoke:" (I Kings 12:11)
- 62 It's for the birds
- 63 "...they left ___ build a city." (Gen. 11:8)
- 64 "...when ye brought it ___," (Hag. 1:9)

- 65 Bauxite and galena
- 66 "Then shall he speak ___ them in his..." (Ps. 2:5)
- 67 Approve
- 68 Bar or gal follower
- 69 Original inhabitant of OA-land
- 70 "Lest he ___ my soul like a lion ..." (Ps. 7:2)
- 71 "___! The herald angels..."
- 72 "The ___ of truth shall be..." (Pr. 12:19)

Solution on page 16



Section Reports

Midwest Section

We have been having about 12 check-ins every Saturday morning on our Midwest Section net. The net meets at 8:30 a.m. CT, at 3.905 MHz. This is a different frequency than has been stated in The BEAM and the ARMS Directory. (Correction made: Ed.)

Our net manager is Karl, **WAØTFC**, and the net control stations for the winter have been, in addition to Karl, section director Don, **KØOAV**, Ray, **KØRGO**, and me, section assistant director Arnie, **WAØDFT**. But Don took off to Arizona, and then to the Holy Land, and Jay, **KØGAZ**, and Elaine, **WBØEJA**, our section secretary/treasurer, have both flown south for the winter, Jay to Arizona, and Elaine to south Texas. So, "there is nobody here but us check-ins." Hi! Hi!

We know that Don and Barb will have a wonderful time in the Holy Land, and we wish them well. We look forward to their report when they return.

The date for our annual Midwest Section meeting has been set for Saturday, August 20, 1994. It will be held at our QTH in Mankato, Minnesota. We live in the country, about one-fourth mile south of the intersection of routes 83 and 22. It is on a gravel road, by an electric substation. We will have more details later and will probably have a 2-meter talk-in frequency.

The plan for the noon meal is to take orders and money for Kentucky Fried Chicken, call it in, and have someone pick it up. So, let us know if you are planning to attend. We want to invite as our guests local Christian hams who are not members of ARMS. Perhaps we can pick up some new members.

Since Don is in the Holy Land, he asked me to send in this report for him. 73 and 99.

Arnie Kopischke, **WAØDFT**

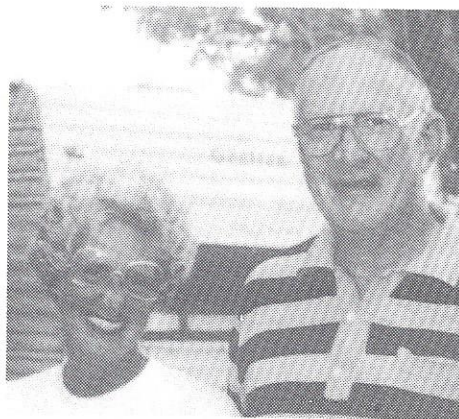
Southeast Section

Every Saturday morning at 9:00 eastern time, the Southeast Section of ARMS meets on 3.900 MHz, \pm the QRM, for our weekly get-together. There are usually about a half dozen of us, and we have a great time of fellowship. Bobby, **KC4ERJ**, is our net control station. He is located in Watkinsville, Georgia, just south of Athens. I would like to encourage everyone in our section to join us.

In January, Bob, **K3OJY**, who lives in Haines City, Florida, went through triple by-pass heart surgery. We praise the Lord for the success of the surgery and for his rapid recovery. He recovered so rapidly that he and his wife, Jean, were able to go with a tour group to the Holy Land on March 7. We are sure that they had a wonderful time.

Bob wants to thank all of the people who have been praying for him through his operation and recuperation. He says he had perfect peace as he went into the operating

room, knowing surely that he was in God's hands and that God's perfect will would be accomplished.



Jean and Bob Trutt

BEAM, I suffer from a degeneration of the spinal cord. In September, 1993, I had a small I-V pump implanted in my abdomen with a catheter leading to my spine so that a relaxant could be administered continuously. The pump has worked well, doing what it is supposed to, but I have had an adverse reaction to the drug. It has produced a spasticity of the skeletal muscles and motor control has been difficult. Now they are trying morphine. Please continue to pray that the doctors will be able to find the right drug and the right parameters for the treatment.

Denis Parker, **WD4ACH**

Rocky Mountain Section

Another year is underway and the group in the Rocky Mountain Section is continuing to enjoy on-the-air fellowship six mornings a week. We also have started an informal net on Tuesday nights at 7:00 p.m.

One of our regulars, Phil, **N7YJJ**, is able to check in most mornings just before their prayer meeting at the Navajo Gospel Mission at Hard Rock, Arizona. We appreciate Phil's faithfulness.

WØRQI, Lash, from Littleton, Colorado, has several projects underway, in addition to being used of the Lord in his church. He has an extensive ham station that includes a computer weather station which downloads weather fax pictures, and a work station for desktop publishing chores. As I write this, Lash is on his way to New Zealand for a fishing trip, courtesy of his relatives. He might have a mic in one hand, but he always has a fishing rod in the other!

Geno, **AL7GQ**, brings to our group the grace of the deep South. He is a Mississippi boy, and when he comes on, there is no mistaking that fine southern accent. His wife, Libby, is his southern belle. If you are ever in the Denver area, stop in and meet this fine couple in their new home. If you have any QRP questions, Geno is your man.

The other day I was speaking with Bud, **TU2PA**, in Ivory Coast, when, to my surprise, our own Art Norris, **WØODW**, from the Four-Corners area, sent his greetings from Bud's station! Art and his son Tim (**N7PNA**) and his

Continued on the next page



family were there on a short term mission project. This is a small world in which we live...amen?

Our son, Travis, is doing well at Moody Bible Institute in Chicago. He is finishing the second semester of his sophomore year in their missionary aviation program. He has been selected to spend a week this summer in their aviation camp.

We are looking forward to the arrival of Dave Immel, P29PA, and his family from Papua, New Guinea. Their visit will coincide with our 5th annual Rocky Mountain ARMS rendezvous, set for Field Day weekend, June 24-26, at ID-RA-HA-JE (I'd rather have Jesus) Camp, Paonia, Colorado. The campground is located southeast of Grand Junction, Colorado. Dave is an avid contesteer, and this might be just the checker. For more details check with me.

Mike Rafferty, AA0AO

Northwest Section

The Northwest section of ARMS is alive and well. Our Thursday morning nets, meeting at 0700, Pacific time, at 3984 kHz, have been providing a great time of fellowship with 10 to 14 check-ins each week. We want to acknowledge Jim, WA6TTJ, of Sunnyvale, California, who has been joining us, and may be interested in becoming an ARMS member.

In January, Mae and I took a trip to Arizona in our motor-home. It was good to get out from under the gray skies of Oregon and into the sunshine of the Southwest. We spent the best part of a week relaxing at the Organ Pipe Cactus National Monument down on the Mexican border. I want to thank all of the ARMS members who contacted us on 20-meters while we were there. Mae remarked what a blessing it was to hear all of the familiar voices when we were so far away from home. I also want to thank Ed, AA7GM, and Ralph, WB7OOL, who were kind enough to carry on the Thursday morning 75-meter fellowship net while we were away.

On our way through Arizona, we stopped in the Phoenix area and had an enjoyable lunch with the Southwest Section group. It was indeed a blessing to get to meet face to face with many of the ARMS people and their wives we have talked with on 20-meters over the years.

Barbara, AA7IV, has been busy with ARMS activities lately. She continues to make audio recordings of the entire BEAM and mails them to our members who are visually handicapped. More recently, she accepted the position of chairman of the nominating committee for ARMS, and she, Bill, KB7ZQX, and Emil, W7FQ, are coming up with a slate of candidates for this year's

election. We appreciate everything you do, Barbara!

We understand that Bill, KB7ZQX, has recently passed his Advanced license exam, and is eagerly looking forward to getting a new call. He hopes that it will be easier to say than the old one. Congratulations Bill!

Ren, N7FMD, had surgery on his foot while we were gone. I understand that he stepped on a piece of wire while walking barefoot in his shack, and had to have it surgically removed. The moral here is: sweep your floor or wear shoes in the shack! But the Lord is getting him "back on his feet," and for this we are thankful.



Ren, N7FMD

Bob Hambly, WA7BYD

Southwest Section

Members of the Southwest Section of ARMS met together on January 19 at the Copper Kettle Restaurant in Sun City, in the Phoenix area, to enjoy a great time of food and fellowship. There were 34 folks in attendance, out of which 30 were ARMS members and their wives. Charlie Cox, K7AQ, ARMS president, was the master of ceremonies. He commented that that was the first time since we have been having this annual brunch that all four of the ARMS officers were present.

Since we have so many ARMS members living here in the Phoenix area, we have established a 2-meter simplex frequency to keep in touch with each other. It is 144.715 MHz. Some members use it when they are talking on the 20-meter net, to simultaneously transmit to the local guys who can't copy them on 20-meters.

Dan Hough, KA7BHS



Southwest Section gathering. **Standing**, from the left: Lu Smith-KG7IM, Betty Smith, Ivie Folden, Tom Johnson-WB7CYX, Charlie Brown-VE4YB, (front) Marg Brown, (back) Ardis Johnson, (front) Dottie Sudenga, (back) Al Heath-W6UZF, Betty Galley, (front) Eva Polmanteer, (back) Bob Galley-WB7AMM, Daryl Hunt-W7CFH, (front) Ed Polmanteer-W8ED, (back) Dody Hunt, Wayne Slauson-W0AHT, Bonnie Slauson, Bob Hambly-WA7BYD, Mae Hambly, Emily Cox, Dan Hough-KA7BHS, Dare Hough, Barbara Berggren, Don Berggren-K0OAV, Betty Swartz, Paul Rabe-K0OZT. **Kneeling**: Al Folden-W7KAP, Jay Sudenga-K0GAZ, Charlie Cox-K7AQ, Stan Swartz-K7PLO.

Bill Jordan, W7KTM, a man who has worn many hats

Who has been a management consultant, a Methodist minister, a personnel director, a drag racer, an occupational counselor, a ham radio operator (and ARMS member), and a college professor and administrator? Bill Jordan, W7KTM, that's who. Yes, Bill has been all of those things, and more.

Bill was raised in Wisconsin, and when he was 14, his family moved to Longview, Washington. While he was a student at the University of Washington in Seattle, he interviewed for the position of personnel director at Renolds Metals' new plant in Longview. He beat out 49 other applicants and got the job. He was 24 years old.

Bill was with Reynolds for six years. Perhaps the most significant event that happened to him during that time was that he married his secretary, Pat. Bill credits Pat with leading him to the Lord. Shortly after their marriage, he enlisted in the Navy and was assigned to personnel work in New London, Connecticut.

It was while he was in the Navy that he became interested in amateur radio. A lot of the fellows he worked with were hams, so he began studying for his exam. In 1946 he got his first amateur radio license. He was still in New England at the time, so he was a W1, but within a few months he was discharged and back in Washington, and he got the call he holds today.

When he returned to Washington, he became the director of industrial relations for Weyerhaeuser's plant in Longview. Three years later the company transferred him to their North Bend, Oregon, plant. He has been in Oregon ever since.

Shortly after his arrival in North Bend, Bill was appointed to serve on the board of directors of the Southwestern Oregon Community College in North Bend. Eventually he became its chairman.

In 1963, after nearly 18 years with Weyerhaeuser, Bill was appointed to a three-year hitch on the Oregon Industrial Accident Commission by then Governor Mark Hatfield. With this appointment the Jordans moved to Salem. While he was on the commission, it rewrote the state's industrial accident statutes and formed the state's Workmen's Compensation Board.

Bill was active in the Methodist Church, and while living in North Bend, he felt the call to preach. He enrolled in the church's course of study leading to the license to preach. While he lived in Salem, he served as the pastor of the Leslie Methodist Church there. A few years later he pastored the Boring (Oregon) Methodist Church on weekends while he worked as industrial relations manager for Electronics Specialists in Gresham.

As though that weren't enough for Bill at that time, he

also served as chairman of a citizens finance committee for developing Mt. Hood Community College. Later he joined the college board of directors, and found time to develop an evening program in supervisory management, in which he was the instructor!

In 1969 they moved to Albany, Oregon, where Bill headed the occupational education program at the Linn-Benton Community College. In 1979 he retired from that position, and he and Pat moved to nearby Lebanon, Oregon, where Bill set up his own management consulting business, "Thank You, Inc." Since then he has served on the Lebanon Area Chamber of Commerce, including a stint as its president, the Linn County Economic Action Team and was a Golden Strawberry for the annual Linn County Strawberry Festival.

And he was a drag racer. Yes, while they were living in Albany, Bill did some drag racing. Bill's son Pete, one of the Jordan's five children, persuaded his dad to join him as his drag racing partner. The two of them raced a souped up stock car for two years.

"We had a fine little Dodge Dart," recalls Bill fondly, "but we trophied only three times, really. We started by taking turns doing the driving, but eventually Pete ended up doing most of the behind-the-wheel work."

Today Bill has slowed down a little. He still serves on the boards of three organizations, including his business. He continues to do a lot of volunteer work.

Ham radio has been very important to him over the years. Even now he is working with the school system to develop the ARRL program for the

kids, to help them to get their tickets.

"Some people tell the kids, 'Say "No" to drugs,' and that's fine, but we try to give them something to say 'Yes! Yes! Yes!' to," says Bill. "Ham radio is part of that. I am a V.E., and I help the kids as much as I can."

So Bill has been a very active, busy man. "It keeps me young," he says. How young? On this June 7, Bill will be 80 years old. On that same day he and his wife will celebrate their 50th wedding anniversary. Congratulations, Bill and Pat!

What has carried Bill through all of these years? He has walked with his Lord all the way. "The Lord has been good to me," he says, "and I thank Him for it." — • • • —



Bill Jordan

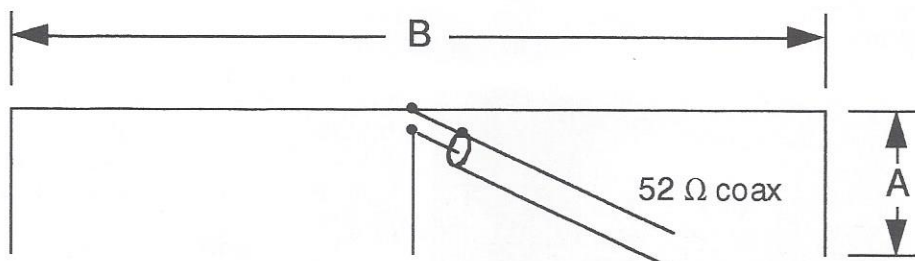
The ARMS Motto

As we have therefore opportunity, let us do good to all men, especially unto them who are of the household of faith.

Galatians 6:10

An antenna idea – the “Bobtail Curtain”

Denis, **WD4ACH**, Section Director of the Southeast Section, sent us the following antenna idea, which he, in turn got from Randy, **WD4DSX**. It is called the “Bobtail Curtain.” It is basically an (inverted) vertical “beam” with two or more 1/4-wavelength vertical elements (A) joined by a horizontal member (B) that is a multiple of 1/2-wavelengths long. The number of elements is limited only by the space available. The reported gain over a dipole for the 3-element model shown is about 5 db. Its vertical polarization should make it good for working DX. The table at the right gives the appropriate dimensions for a variety of frequencies for three elements.



Freq.	A	B
3.5	67'8"	274'0"
3.8	62'5"	252'0"
7.1	33'4"	135'0"
7.2	32'11"	133'4"
14.1	16'7"	68'2"
14.3	16'5"	67'1"
21.1	11'3"	45'6"
21.3	11'1"	45'0"
28.1	8'5"	34'1"
29.0	8'1"	33'2"

Election – Continued from page 1

has not been brought up to date for some time.

A copy of the newly revised Constitution and By-Laws is enclosed with this mailing. Here is a review of the significant changes and the reasons for those changes.

ARMS is no longer incorporated. Originally, it was incorporated in the state of New Jersey, as a part of a missionary organization. That organization has moved to another state, and ARMS is no longer affiliated with it. Thus, references to incorporation have been removed from the Constitution and By-Laws.

ARMS no longer holds annual meetings. The annual meetings, held in various locations in the U.S. and Canada, were poorly attended. Attendees were, for the most part, the officers and people who lived near the meeting location. Large sections of the organization were not represented at the meetings. At the last annual meeting, held in Houghton, New York, there were 20 members present. The year before, the annual meeting in Morrison, Colorado attracted 17 members. It has been decided to emphasize sectional meetings, instead.

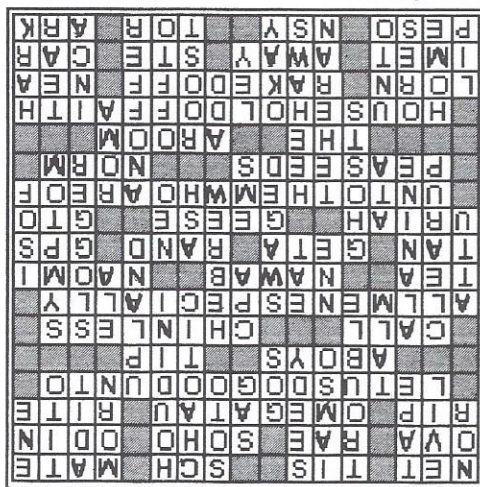
The lack of annual meetings has necessitated other changes. Membership applications and the termination of memberships are now handled by the treasurer and the secretary. Officers are elected by the total membership. Amendments to the Constitution or By-Laws are presented to the membership at large or handled by the Board of Directors.

Honorary Membership has not been used for many years and has been dropped. The dollar amount of the dues has been deleted, and the amount left up to the Board of Directors, as need dictates. Section officers are now called Section Directors, Assistant Directors, etc. A few of the duties of the ARMS officers have been changed. An additional By-Law, No. 13, *Dissolution of the Organization*, has been added to satisfy the U.S. Postal Service's bulk mailing permit requirement. All other changes involve minor rewordings, but do not affect the substance of the document.

The slate of officers up for election is simple. All of the present officers have agreed to serve again. However, you can write in a candidate, if you wish. The candidates are: • President—Charlie Cox, **K7AQ**. Charlie is a retired engineer with Martin Marietta Corporation. He and his wife, Emily, live in Sun City, Arizona. • Vice

President—Jay Sudenga, **KØGAZ**. Jay is a retired self-employed manufacturer. He and his wife, Dottie make their home in George, Iowa. • Secretary—Al Heath, **W6UZF**. Al is a retired engineer with Rockwell International, and he and his wife, Jean, live in Lake Montezuma, Arizona. • Treasurer—Bob Hambly, **WA7BYD**. Bob is a retired school administrator. He and his wife, Mae, live in Grants Pass, Oregon.

If you want to save a postage stamp, you can send your ballot to the treasurer along with your dues and membership renewal form. Or, if you want to ensure your anonymity, you can mail them separately. — • • • —



Solution to the puzzle on page 12

Ray Rising, HK3BBR/KØLWJ, kidnapped by Colombian rebels

On Thursday, March 31, 1994, Ray Rising, HK3BBR/KØLWJ, Wycliffe missionary working in Colombia, was kidnapped while riding his motorcycle outside of Lomalinda. (See article about Ray in the current issue of The BEAM.)

Hours later, police at a roadblock shot two suspected guerrillas riding Ray's motorcycle, killing one and wounding the other. The wounded man told police that six men ambushed Ray and forced him from his motorcycle, indicating the kidnapping was planned, police said. But the police have no clues as to his whereabouts. They blamed the leftist Revolutionary Armed Forces of Columbia.

As of this writing (April 18) there has been no further word about Ray received at Wycliffe headquarters. Please pray that Ray will be released unharmed, as well as for his wife, Doris.