

The BEAM

Amateur Radio
Missionary Service



Emil, W7FQ, and Van, W2RJQ, are silent keys. See page 10.

Volume 38, Number 2

Fall, 1994

Meet your officers...

ARMS Secretary Al Heath, W6UZF

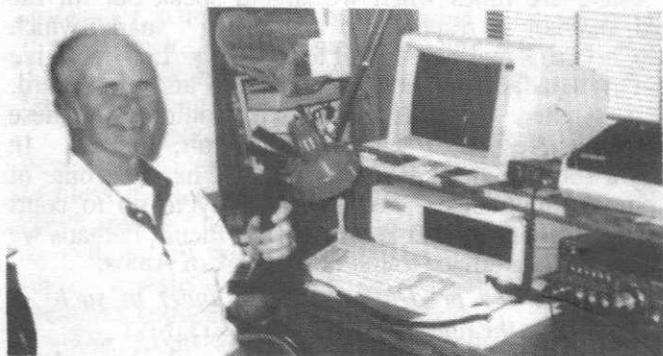
It was 7:00 a.m., Sunday morning. Al Heath, a radioman with the U.S. Navy, had just finished a graveyard shift in the radio room of the big naval base and was getting ready to go home for the day. He was tired and looked forward to a good day's sleep.

He looked out of the window. It was a beautiful morning—the sun was shining and a light breeze was blowing. Maybe he and his new wife would find time to enjoy the fine weather later in the day. Now all he wanted was sleep.

He looked down at the harbor. About 500 feet away, the ships of the U.S. Navy's Pacific Fleet were tied up. It was a pretty sight, and it gave Al a feeling of pride and comfort to know that those ships represented the strength of the U.S. Navy, of which he was a part.

Suddenly, the tranquility of the scene was shattered by an explosion on one of the ships. This was followed

Continued on page 9 — W6UZF



Al Heath, W6UZF

How it all began— The beginnings of ARMS

One morning early in 1957, three east coast hams were chatting during one of their regular skeds on 75-meters. They had all gotten their tickets at about the same time, and since they were all born-again Christians and involved in church work, they had a strong common bond that naturally drew them together.

"You know," said Bob Matthews, W3BBM, "this get-together three times a week is excellent, but I think that we ought to get other Christians involved." Bob was the pastor of a Bible church in Wilkes-Barré, Pennsylvania. "I would like to see a more formal organization of born-again hams."

"Well, I know that there are other Christian hams out there who might be interested in getting together with us," said William A. (Doc) Mierop, K2JEI. Doc was the president of the Philadelphia College of the Bible,

Continued on page 15 — Beginnings

Inside This Issue

ARMS Officers and Sections	2
ARMS Christian Fellowship Nets	2
From the Editor's Desk	2
Missionary Reports	3
Mats Gunnarsson, HC7SK/SM7BUA.....	5
Treasurer's Report.....	5
New Members	6
Daniel Allen, WA1QFM.....	7
Ray Rising Update.....	8
An Opportunity from Trans World Radio.....	9
Silent Keys	10
Gos-Pills.....	12
Scripture Crossword Puzzle	12
Section Reports	13

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..... 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..... Arnie Kopsichke, WAØDFT
 South Central..... George Jackamonis, K3JRD
 Rocky Mountain..... Everett "Lash" Larue, WØRQI
 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 am, 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), 1445 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 Editor's Desk...

QRM. We all have experienced it, and we all hate it. It is particularly annoying when you are trying to run a net, because you can't move the net frequency to get away from it. A lot of times it is unintentional or unavoidable.

Sometimes, however, it is intentional and even malicious. There are some people who hate Christians, and when they hear a group of Christians on the air, they do little things to annoy us. On the ARMS 20-meter net, we often hear all sorts of whistles and other assorted noises, some presumably produced to harrass us. At other times a big carrier will sit on top of us for several minutes. It could be someone tuning up or testing, but it does make you wonder.

The most obvious and blatantly malicious QRM is the unidentified station that comes right on the net frequency and makes disparaging or insulting remarks about the net or about Christians in general. It doesn't happen often, but it does happen.

What is (or should be) our response to these intrusions? The answer is "Nothing." In the first place, what the intruder wants, in many cases, is some indication that he or she is, indeed, getting under our skin. If we don't give them that satisfaction, they may get tired of trying and go away.

But more important, the Bible has some specific things to say about this sort of thing, Jesus said:

Blessed are you when men hate you, when they exclude you and insult you and reject your name as evil, because of the Son of Man. Rejoice in that day and leap for joy, because great is your reward in heaven.
 Lk. 6:22, 23 (NIV)

When Jesus stood before the Sanhedrin as they tried to find a reason to kill Him, witnesses brought distorted evidence to them against Him.

Then the high priest stood up and said to Jesus, "Are you going to answer? What is this testimony that these men are bringing against you?" But Jesus remained silent.
 Mt. 26:62, 63 (NIV)

This, of course, was prophesied in the Old Testament:

He was oppressed and afflicted, yet he did not open his mouth; he was led like a lamb to the slaughter, and as a sheep before her shearers is silent, so he did not open his mouth. Is. 53:7 (NIV)

There are times when we should speak out for the Lord, but not in response to demeaning remarks which anti-Christians make on the air to annoy us. Let's not give them the satisfaction of knowing that they are being heard.

Also, there are times when we should apply these same principles when we are off the air, as well. In today's society, an individual's "rights" have become of paramount importance. People are ready to go to court over any little thing that is said against them. Perhaps we should consider advice found in the book of Amos:

Therefore the prudent man keeps quiet in such times; for the times are evil. Amos 5:13 (NIV)

Should not we as Christians try to follow the example of our Lord?
 ■ • • • ■

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.*

Galations 6:10

Missionary Reports

Wes Reimer, KD6NUB/DU (Philippines)

Mary and Wes Reimer, KD6NUB/DU, have been with Wycliffe Bible Translators (SIL) since 1982. They have been in central Luzon, Philippines, about 180 miles north of Manila, since May, 1993.

Wes works as a radio operator for the JAARS aircraft operating in the region. He also uses AMTOR, and handles voice traffic. There is no telephone service at their center, so radio is their only means of communication, besides mail. Mary is the administrative assistant to the director of the center.

Wes maintains radio contact with many amateurs in the islands, as well as with the Wycliffe central office in Manila and the Mindanao translation center at Nesuli. He has a morning roll call at 0700 with ten translation teams in various remote locations, many of which have no telephones.

The climate there is hot and humid most of the year. Mold and mildew are a constant problem. Another of Wes's jobs is keeping track of the rainfall there. He reported 11 inches for June and 10 inches for July. That should keep the grass growing!

One night when they returned from town, they went out to the radio building to see if there had been any messages while they were gone. When Wes opened the door, he saw a black snake slither under the counter. By the time Mary got back with a flashlight and a bolo (like a machete), Wes had already checked the computer for any messages! "Like a true radio man with an oath," wrote Mary, "through heat, humidity, typhoon or cobras, the messages must get through!"

It took a while to find the snake and kill it. It was only 14 inches long, but it was a cobra, which is deadly at any size, so it was important to get rid of it. It's not very comfortable working with a cobra loose nearby!

The Reimers report that the work in the Philippines is progressing well. With the completion of the Bontoc New Testament, transla-

tions have been completed in 35 languages of the Philippines and 36 more are in the process of being translated. Pray for Wes and Mary as they continue to make the necessary adjustments to the Philippine culture and learn the Ilocano language, as well as for safety and good health in a fairly hostile environment.

The Reimers address is: SIL, Bagabag, 3711 Nueva Vizcaya, Philippines. —♦♦♦—

Gordon Wiems, KB7TRF/DU (Philippines)

Naga City, 250 miles southeast of Manila on the island of Luzon, in the Philippines, is the home of Gordon and Brenda Wiems. They have been serving with RBMU International since March, 1993. The Wiems are originally from Clearbrook, British Columbia, Canada.

Their work in Naga City is church planting, particularly among the middle-upper-class of the city. Their goal is to establish a self-supporting church with local leadership, that will then reach out with the Gospel into the surrounding villages.

Gordon is active on the air. Even though he is Canadian, he has a U.S. call, KB7TRF, and operates in the Philippines with the /DU4 suffix. He maintains a daily schedule on 40-meters with other hams on the more remote Philippine islands as well as 15-meter skeds with North American stations.

He reports that he recently joined the local ham radio club, called C.A.R.E. (Civic Action for Radio Enthusiasts). This has given him an opportunity to meet more of the local men as well as to be more involved in civic activities in the community. The

group has been asked to participate in crowd control at the local fiestas and the Boy Scout "Jamboree on the Air."

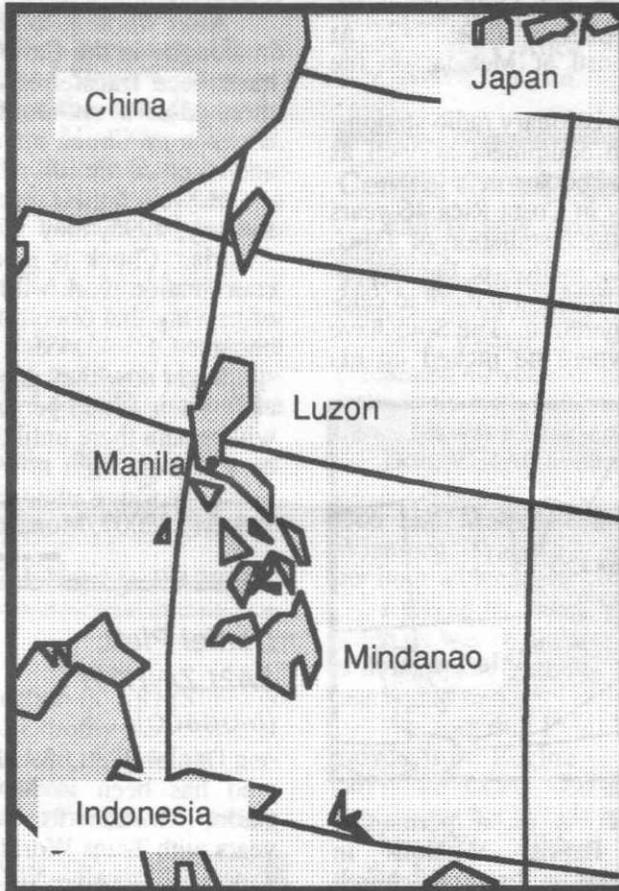
Just as it does in other countries, 2-meters plays an important role in maintaining contacts in the local group through their club net and in the events the club helps with. Gordon is praying for a 2-meter rig (hand-held) so that he can be more involved. —♦♦♦—

Kathy Rowell, N6HEP/DU10 (Philippines)

Kathy Rowell, N6HEP/DU10, has been with the Wycliffe Bible Translators (Summer Institute of Linguistics) since 1978. She has been on the southern part of Mindanao, the southern, big island of the Philippines.

"I am translating the New Testament for the Koranadal Blaan people here on Mindanao," writes Kathy.

Continued on next page



Mary and Wes Reimer

"Please, pray, pray, pray! I'm starting the final revision of this New Testament, and that's when Satan has been known to really attack! The Lord has graciously been teaching me what it means to walk in freedom and in dependency on Him."

Kathy also mentioned that the Lord brought a wonderful man into her life during her last furlough in the U.S. His name is Larry Zorn. They are planning to be married after Kathy finishes the work on the New Testament, in about two years. We pray that God will continue to bless you, Kathy and Larry. — • • • —

David Solt, YS1DSE/XE3 (Mexico)

David Solt, YS1DSE/XE3, and his wife Georgina have served as missionaries with the Latin American Mission in Mexico and Central America since 1947. At the present time they are stationed at Merida, on the Yucatan Peninsula of Mexico.

David installs and maintains missionary radio stations. He also repairs movie projection equipment as well as operates a film and video rental and bookstore.

The Solts began their ministry in Costa Rica 46 years ago. David was instrumental in the installation of TIFC, the second oldest missionary radio station in the region. He and his wife recently returned from a trip there to celebrate the 45th anniversary of its operation. The Solts have also worked in San Salvador, where he picked up his "YS1" call.

They ask for prayer for strength as they approach 50 years on the mission field.

— • • • —

Gerald Pieper, XE1MP (Mexico)

Seventy-five-year-old Gerald Pieper, XE1MP, is on a permanent assignment with the Aztec Baptist Missions in Guadalajara, Mexico. His official ministry is church planting and working in the Bible College there. However, this often takes him to the more remote rural areas in the district, so vehicle maintenance is also part of his "job description."

The rains in that area are quite seasonal, with winter being the rainy season. Since many of the rural roads are unpaved, mud, washouts, and rock slides are to be expected. Also, you can generally depend on a vehicle breakdown to occur miles from the nearest mechanic.

The college is small, with nineteen students in the day school and twelve in the evening program. They are very musical. They have a very good choir at the school, and all of the students can play the guitar and the keyboard.

Gerald reports that he recently completed chelation treatments, made necessary by clogged arteries and resulting high blood pressure. He says that he now feels fine, "young again," with normal blood pressure and working hard as ever. — • • • —



Joel Potts, WB6PDP/HC1HKP (Ecuador)

Joel Potts, WB6PDP/HC1HKP, along with his wife, Valerie, N6RHP/HC1HJK, reports that they have returned from HCJB in Ecuador. Joel is now working at the World Radio Missionary Fellowship (HCJB) Research and Development Center in Elkhart, Indiana.

He is involved in providing technical support to their Ecuador team which is initiating a global satellite network covering all of Latin America. He is also counseling other mission organizations that want to establish local broadcast stations in their regions. He is not sure when they will be returning to South America. — • • • —

Chuck Roswell, 3A2/AD4SJ (Monaco)

After working for many years for Trans World Radio in Bonaire in the Caribbean, Chuck and Barbara Roswell have been transferred to Monaco. They made the trip there after a six-month furlough in the States, during which time Chuck upgraded his ham ticket to extra class and received the call AD4SJ. So he is now 3A2/AD4SJ.

However, their time in Monaco will be short-lived. In January, 1995, they will be transferred again to Vienna, Austria. Chuck is involved in frequency prediction and coordination work with TWR, and they are in the process of moving that operation to Vienna. Perhaps then he will become OE3/AD4SJ.

Right now they are pretty much "living out of suitcases." Their crated personal effects are still in Bonaire and will remain there until they get an address in Vienna. Their new address right now is: Trans World Radio, B.P. 349, MC98007, Monaco. — • • • —

Daniel Plett, 3A2LZ/NH2W (Monaco)

Daniel Plett, 3A2LZ, who has been in Monte Carlo, Monaco for four years with Trans World Radio, informs us that he now has a new U.S. call—NH2W. He upgraded to extra class while he was on furlough recently.

Daniel is in charge of studio work and verification of broadcasts with TWR. They prepare programs in 33 languages for seven transmitters. Five are located in Monaco, one is on Cyprus and one is in Tirana, Albania. They cover all of Europe, the Middle East and North Africa.

He tells us that he is active on the air on SSB, RTTY and CW on 10- through 30-meters. However, operating conditions are far from ideal. Monaco is located on one square mile of land, and there are 50 licensed hams there. There is a 100 watt power limit as well as antenna restrictions. To make matters worse, the city is surrounded by very steep mountains, so it is hard to get a decent signal out. Needless to say, he doesn't hear the U.S. very often.

Daniel is looking forward to the arrival of Chuck and Barbara Roswell (above), who have no doubt arrived by now. His address is: Trans World Radio, B.P. 349, MC98007, Monaco. — • • • —



Mats Gunnarsson, HC7SK/SM7BUA

Missionary from Sweden to Ecuador

Mats Gunnarsson turns off the rig and leans back in his chair. He has just signed off from a 15-meter sked with some of his friends back home in Sweden. It's always good to hear from his countrymen. It has been three years since he and his wife, Britt-Marie, left to come to Ecuador to start a missionary work there in Baeza, a village of 1800 people. *Maybe it's time to think about a furlough*, he muses.

Baeza is located in the foothills of the Andes, about 65 miles east of Quito. The elevation is 6200 feet, and the real mountains tower in the background.

He looks out of the window. It is a beautiful morning, still cool outside. Mats takes a deep breath of the fresh air wafting in through the open window. It is so peaceful, no freeways, no city noise, nothing but the occasional sounds of the village, a rooster crowing, a dog barking.

He looks at the church building nearby. It is small, but large enough for the 35 or so members of the congregation that he and his wife minister to. He thinks about the 15 young people who came all the way from Seattle, Washington, to put up that building. What a blessing! Three years ago, there was nothing, no church building, no church, no Christian school. Now there is a congregation of believers and a pre-school of about 20 children. God has indeed blessed them abundantly.

He looks back at the IC 751A on the table in front of him. What a blessing ham radio has been to him over the years. Like the time in 1987, when they were living in nearby Santa Rosa. Many times he had bemoaned the poor location for making good DX contacts. Santa Rosa is surrounded by mountains. However, in March of that year a severe earthquake struck the region. For days, Mats' ham station was the only communication in or out of the area. How God used amateur radio at that time! His thoughts drifted back to his childhood, to his first interest in radio.

ARMS Financial Report

Beginning balance, June 1, 1993	\$2350.41
Income -	
Dues	1104.29
Gifts	198.00
Lapel pins	31.00
Interest	33.13
	1366.42
Expenditures -	
Printing	1590.86
Postage	586.55
Supplies and misc.	61.57
	2238.98
Ending balance, May 31, 1994	\$1477.85

(s) Robert J. Hambly, WA7BYD, Treasurer

Dues reminder

A look at the ARMS financial report on this page tells us very quickly that during the past year we spent more money than we took in. Does this mean that we ought to raise the dues to make ends meet?

"No, not at all," assures ARMS treasurer, Bob Hambly, WA7BYD. "It is true that we spent a bit more this year than last year, due primarily to the heavy printing costs involved with the large mailing in the spring. But the main reason for the deficit is that there are many members who haven't paid their dues."

Are you guilty? If so, get your dues in to Bob as soon as possible. If you have lost the dues renewal form don't let that stop you. Just send your \$5.00 check with a note. Remember, Bob's address is:

Robert Hambly, WA7BYD, ARMS Treasurer
1516 NW Lawnridge Ave.
Grants Pass, OR 97526

He was about 10 or 11 years old when his parents gave him a Christmas gift with "lots of electronic parts in it." About the same time a friend introduced him to short-wave listening. One of the first stations that he heard was HCJB in Quito. What a role that station would play in his life in the years ahead! He listened diligently, but it was over a year before he heard a ham station, on 40-meters. When he heard ordinary people talking to each other on the radio, he knew that that was what he wanted to do.

The first step was learning the code, but he had no key or practice oscillator. At this point his mother came to the rescue. Mats' father was a pastor in the Swedish Mission Covenant Church, and his mother played the piano for many of the services. She had been teaching Mats to play the piano, and now she taught him the Morse code on the same instrument! Holding a "crib sheet" in her left hand, she sent the code to Mats by "playing" the dots and dashes on the piano with her right hand. In 1958, at the age of 15, Mats got his novice license with the call SM7BUA, the call he still holds today.

After high school, Mats took a three-year radio and TV servicing course. He also upgraded to the general license. However, the Lord was working in Mats, and he was led to enroll in a Bible school, after which he served in several churches as the youth director. At this time he met Britt-Marie, and in 1965 they were married.

His interest in short-wave radio continued, and soon he was working with HCJB's Nordic Division in Sweden, while continuing to do evangelistic work all over the country. He remained quite active on the amateur bands, and met many Christian hams from the Nordic countries on 80-meters. Together they formed the Nordic Missionary Radio Amateurs, NOMIRA, and for many years served missionaries in Africa and South America. (Sounds like ARMS, doesn't it?)

In 1972, Mats made a trip to the United States. He was the pianist for a team from HCJB that toured through 24 states. Four years later, in 1976, he made another trip, this time to the annual meeting of HCJB in Quito. They stopped in the U.S. on the way and visited some of the places that they had been to before. While he was in

Continued on next page

Lincoln, Nebraska, he met Bob Mitchell, WBØRJJ, who introduced him to ARMS.

In 1980 Mats and his family, there were now two daughters, went to HCJB in Quito to work in their Nordic Department. They were also invited by the Ecuadorian Mission Covenant Church to help them with evangelistic work. They stayed there for five years.

He got an Ecuadorian ticket—HC1SK, and was very active on the air. He earned WAS, DXCC, and several other awards. On one Field Day, he and several other hams from HCJB “checked out” several of the huge antennas at HCJB for use on the ham bands. He worked 15-meters with a 24-element cubical quad. What a signal into Europe!

At another time he and his family spent seven days on the Galapagos Islands. His daughters helped him put up a vertical and dipoles and he worked all bands on CW and SSB. He had an unforgettable DX-pedition from their small bungalow on the beach.

In 1985 they returned to Sweden for a year, where Mats attended the Mission Covenant Seminary and was ordained into the ministry of the church. On their return to Ecuador, they were asked to go to Santa Rosa. There he served as the pastor for the local church as well as an advisor for the radio station there, Radio Interoceania, run by the Mission Covenant Church. It was during this stay that the earthquake occurred. There his call was changed to HC7SK.

After three years, in 1988, the Gunnarssons returned to Sweden, continuing to work for their church. In 1990, Mats came in contact with some Romanian hams. This was right after the revolution against Communism there. Their church had started an aid program to Eastern Europe, and they asked Mats and his wife to help with the work. With his IC 701 in his car, Mats traveled all over Europe and made seven trips into Romania with clothes, food and medicine, especially for children. He got special ham licenses for several Eastern European countries and made many Christian friends, on the air and off.

Finally, in 1991, Mats and Britt-Marie returned to Ecuador. Their daughters, now married, remained back in Sweden. They were assigned to Baeza, close to Santa Rosa. However, this time, there was no church there. They had to start from scratch. They began by inviting friends in for Bible studies. Today they are saying “Praise the Lord!” for His wonderful work in Baeza.

He also works with Radio Interoceania, which transmits on FM from a tower on a mountain near Baeza. It is the only FM station in that area, so it reaches thousands of listeners every day with the Good News of Jesus Christ.

“From Baeza I have a wonderful chance to reach out on the DX bands,” says Mats. “And when there is time, I just relax in front of my station, talking with friends back home in Sweden or hunting for DX stations. On CW, I am always ‘the rat’ that everybody wants to catch. The pileups are always broad. Perhaps you have had a QSO with HC7SK. If not, why not check 21.325 MHz at 1200 UTC. That is my sked time and QRG every day with Sweden, but you are very welcome to break in on the frequency.

“Ham radio has been a vital part of my life for the past 35 years. I thank the Lord for my mother and for her interest in a small boy learning Morse code.” — • • • —

We welcome our new members

KC1DG	Robert B. Reynolds, R.R. 1, Box 7050 Lubec, ME 04652
N3EFG	John R. Meyer, P.O. Box 376 Chino Valley, AZ 86323
NR3R	Kenneth E. MacIntire, 241 Maple Ave. Quarryville, PA 17566
KC5ALQ	G. Drew Miller, 16218 Shady Elms Houston, TX 77059
AB5AP	Duby (Dube) Todd, Rt. 3, Box 3376 Kempner, TX 76539
WB5RFL	Coy Wilbanks, P.O. Box 1927 Laredo, TX 78044 (R)
K6AGD	James (Ed) Arnold, P.O. Box 412 Butte Falls, OR 97522
WA6TTJ	James E. Ritchie, 1339 Lillian Ave. Sunnyvale, CA 94087
KD6ZXZ	Robert L. Dorchester, 2711 S. East St. Indianapolis, IN 46225
KC7BUL	Lynda D. Clark, 1603 S.W. Heather Grants Pass, OR 97526
KC7DNU	Steve Williamson, P.O. Box 325 Murphy, OR 97533
N7NLT	John W. Lawless, 17462 N.E. 11th St. Bellevue, WA 98008
K7VCD	Richard B. Harris, 22706 38th Ave. W. Mountlake Terrace, WA 98043 (R)
KF7XY	Tim Hayes, 8621 W. Wethersfield Rd. Peoria, AZ 85381
N7YKT	Diana Hayes, 8621 W. Wethersfield Rd. Peoria, AZ 85381
KB7YPY	Scott A. Clark, 13244 N. 42nd St. Phoenix, AZ 85032
WBØEJB	Louis G. Wigen, Jr., Rt. 1, Box 7 Ayrshire, IA 50515
WBØOAF	Andrew J. Miller, 602 W. 15th St. Sioux Falls, SD 57104 (R)
NØSZA	Ardys A. Roszhard, 1408 A St. Aurora, NE 68818
WØQPX	Jerome L. Nelson, 7000 Stevens Ave. S. Richfield, MN 55423
VE6RHC	Roger Croteau, 3305 46th Ave. Lloydminster, SK S9V 1T9
DU/KO4TS	Jeff Johnson, SIL, Bagabag 3711 Nueva Vizcaya, Philippines
DU/KI4CD	Cliff Green, SIL, Bagabag 3711 Nueva Vizcaya, Philippines
VR6ME	Mark Ellmoos, Box 4, Pitcairn Island South Pacific, via N.Z.

(R) = Reinstated

Lum: “What is the best present to give to a bald man?”

Abner: “A comb. He’ll never part with it!” — • • • —

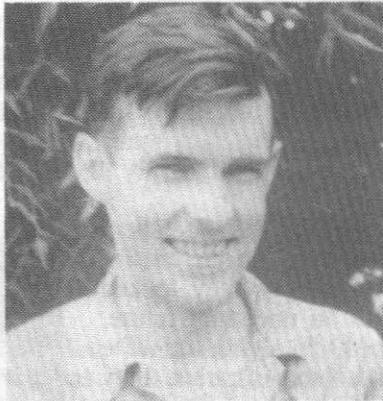
Dan Allen, WA1QFM

Missionary to India

Daniel Allen had just finished his seminary training at the Yale Divinity School in 1949 and felt the Lord's call to serve in India. He was a recently ordained Methodist minister, so he volunteered for the I-3 program sponsored by the Methodist Board of Missions. I-3 meant going to India for a three year missionary assignment.

That summer he spent six weeks at Hartford Seminary getting an introduction to India—its history, politics, religions and language.

There he met Betty, the daughter of missionaries to India, and also training for the I-3 program. At the end of the summer, they were both assigned to Delhi, in northern India, Betty to do social work and Dan to pastor a church. The next year they were married by Betty's father.



Dan, 1952

After two years in Delhi, they were asked

to transfer to school work, a field that occupied them for the next 18 years. What began as a three-year program developed into a 20-year stay!

Their first assignment was at Woodstock (secondary) School in the Himalayan foothills. They were dorm parents, and Dan was the school chaplain and Bible teacher. However, after they got there, Dan was called upon to instruct classes in English, math and physics, subjects that he was ill-prepared to teach.

Later they were transferred to Baring Union Christian College in Bayala, northern Punjab. The principal was a convert from Sikhism, whom Dan had known at Yale. Again, Dan made himself available for wherever he was needed. He ended up supervising their building program!

"I didn't do any designing," says Dan, "but I had to learn a lot about construction with bricks and reinforced concrete. I had to interpret the architect's plans to 20 or so daily workers in their language. It was quite a challenge and a lot of fun."

At another time, Dan and Betty were assigned to Sonepat, just 30 miles north of Delhi. There they were in charge of a primary and middle school. They had about 150 boarding students, mostly boys. A few miles from the school there was a leper colony.

One day two parents from the colony brought their little girl, Maya, and asked if she could be admitted to the first grade. The parents were being treated and were no longer contagious. Maya had no sign of the disease.

"I was hoping that she would be admitted," Dan continues, "but there were complications. Some of the teachers were afraid that some of the parents might withdraw their children if they heard that there was a child of leprosy patients in the school." The staff was deadlocked.

Finally, the saintly Indian woman in charge of the

girls' dormitory, Miss Booth, spoke up. "I will receive this child into my dormitory," she said, "and if the other girls don't want her to be with them, she may sleep in my room with me."

That ended the discussion, and Maya was admitted. She had a hard time at first. Her family had come from the south, and the Hindi of the north was foreign to her. However, Miss Booth took her under her wing, and soon she was singing the Christian songs and fitting right in with the rest of the children.

Before many weeks passed, Maya's parents returned with her older, nine-year-old brother. His name was Kuppuswami, and they requested that he, too, be admitted to the first grade for he had had no previous schooling.

"He was tall for his age," says Dan, "and we felt that he would feel awkward sitting with the little first graders."

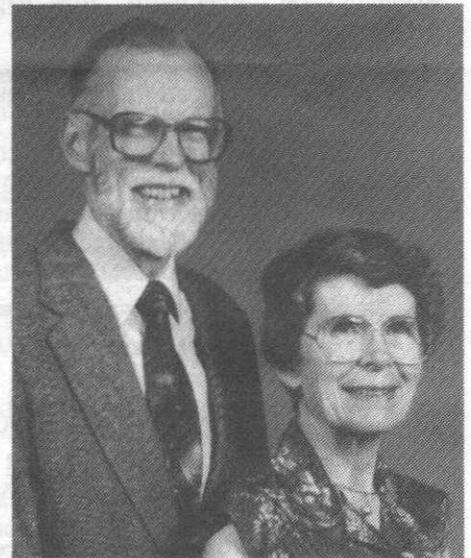
"No," his parents replied, "he won't mind at all. He just wants to be able to study. He is very eager!"

So Kuppuswami was admitted, and he turned out to be a remarkable student. In the four months remaining in the school year, he mastered the Hindi language and passed the entire first grade curriculum. The next year in second grade he was first in his class and was promoted to the fourth grade. He continued to be a leader in his class.

"We are happy to hear that there are now 20 students from the leprosy colony studying at the school," continues Dan. "If these children were to remain in the colony, they might likely be branded as lepers and reduced to begging."

They can thank Miss Booth for being willing to take a Christian stand and make an education possible for those students. Jesus had a compassion for lepers and for children.

In 1969 Betty and Dan returned to the U.S. "We probably would have stayed in India, but my health just would not permit it," says Dan. "Two tough bouts with typhoid fever, chronic dysentery and a nervous breakdown made it necessary to come home. There are no longer many foreign missionaries in India, but God is using Indian nationals to serve and to witness for Christ."



Dan and Betty Allen, 1993

"But it was a good 20 years," says Dan. "It just goes to show you that when you volunteer to do God's work, you will be called upon to utilize every talent that you have, and a good many that you didn't know you had!"

On their return to the States, Dan took up the pastoral ministry in which he served churches in Massachusetts and Connecticut for another 20 years, until his retirement in 1989. Dan and Betty have four children, two girls and

Continued on next page

two boys, all born in India or Pakistan. God has now blessed them with 10 grandchildren.

Dan got his first ham ticket in 1962 while on furlough in Dallas. His call was WA5DAN! "I should have hung on to that one!" says Dan.

Dan was introduced to ARMS by Dr. Bob Peterson, a missionary dentist colleague of his in India for many years. Bob wasn't a ham, but his neighbor in Medford, Oregon, AA7GM, Ed, was. Ed ran phone patches for Bob with Dan on several occasions, and Ed soon told Dan about ARMS. Dan is a regular check-in on the ARMS 20-meter net, right now, the only station from New England.

"I enjoy the ARMS Christian Fellowship Net very much," concludes Dan. "It's a source of great encouragement for me. Thanks for everything!"

Ray Rising Update

As was reported with the last issue of The BEAM, Ray Rising, HK3BBR/KØLWJ, a missionary with Wycliffe Bible Translators in Colombia, was abducted by a left-wing rebel group. He was riding his motorcycle not far from his home in Lomalinda the Thursday before Easter when he was stopped by a half dozen rebel soldiers. The next day two of the men tried to run a police road-block riding Ray's motorcycle. The police fired at the two as they made the high speed attempt. One was killed and the other wounded.

Later in the summer, two separate letters were received from Ray at the Wycliffe headquarters in Bogotá. They were hand written, and those familiar with Ray's scrawly handwriting believe that he wrote them. They said only that he was all right and that his captors were not treating him harshly.

As of this writing, no other communications have been received, from either Ray or his captors. It is not known why Ray was kidnapped. Please continue to pray that he will soon be released unharmed, and for his family as they endure these months of uncertainty.

Election Results

Bob Hambly, WA7BYD, ARMS treasurer, reports the following results of the recent ARMS election, held to select the four officers for the next three years, and to ratify the revised ARMS constitution. There were 164 ballots returned.

All four of the previous officers were re-elected. There were no write-in votes. The constitution was unanimously ratified by all who voted.

So, the officers for the coming three years are: Charlie Cox, K7AQ, president; Jay Sudenga, KØGAZ, vice-president; Al Heath, W6UZF, secretary; and Bob Hambly, WA7BYD, treasurer.

Enclosed Membership Application

Included with this issue of The BEAM is a blank membership application. Do you know a Christian ham who might be interested in joining ARMS? Pass the application on to him or her. Need more than one? Feel free to photocopy it.

Continued from page 1 — W6UZF

by more explosions on other ships. He looked up and saw to his horror that the ships were being attacked by dive bombers. It was December 7, 1941. It was Pearl Harbor.

Al had enlisted in the Navy early in 1941 and was sent to radio school in Los Angeles. While he had been interested in radio as a youngster, he had not pursued an amateur radio license. The code was too big a hurdle. But the Navy changed that. After he completed his basic radio training, the amateur exam was a snap. He passed his general license exam in Honolulu in 1942, but did not receive his call, W6UZF, until after the war was over in 1945. Since then he has up-graded to the extra class license, but elected to keep his old call.

Radio school provided another life-changing experience for Al. At the school graduation dance he met a young lady named Bette. At first she was reluctant to go out with a "Navy man," but soon they were seeing a lot of each other. On July 4, Al's class was preparing to ship out to Hawaii.

Al and Bette spent that day in the mountains. As they looked to an uncertain future, Al brought up the subject of what they might do after they were married.

"But you haven't asked me yet," Bette said. Well, Al soon took care of that, and since Bette couldn't think of any reason not to marry him, they decided to be married right away. In fact, they were married the very next day in Yuma, Arizona! Al was transferred to Hawaii, and Bette soon joined him there.

Al advanced in his radio work and quickly made radioman 2nd class. However, he wanted to fly, so he applied for and was accepted to flight school. First he went to Athens, Georgia for preflight training, and then on to Grande Prairie, Texas. He remembers an early training flight well.

"I tried to land the plane while we were still 10 feet off the ground," Al recalls. "It was the only time I heard my flight instructor say a cuss word. I learned to my surprise that not only are you supposed to line up the runway, but it is helpful to look down at the ground to see how high you are before you land the plane."

When his basic flight training was completed, he was assigned to fly a torpedo bomber. He was now an officer with the rank of Ensign. His operational training was in Miami, Florida, and while he was there, he was asked to



Al, W6UZF, about 1941

Continued on next page

be an instructor. He accepted, and as a result, he never shot anyone and nobody ever shot him.

"Although I didn't know it at the time, I guess the Lord was watching out for me," says Al. "Even though I wasn't walking with Him, He was walking with me."

After Al's discharge from the Navy in 1945, he still didn't know what he wanted to do with his life. He had worked as a paint and wallpaper salesman before the war, and he knew that he didn't want to return to that. He wanted to use his Navy experience, so he got a job with Timm Aircraft in California, converting military DC3s for civilian use. When that ran out, he tried going into business for himself, repairing radios, but that was a flop. So it was back to the aircraft industry, this time with Douglas Aircraft. Later he transferred to North American Aviation, in electrical inspection. North American Aviation became Rockwell International, and Al eventually became a supervisor.

In the meantime, Al and Bette were enjoying life in California. They had two sons and everything looked great. Al loved his work, and he now realizes that God had been very good to him, but at that time his relationship with the Lord was pretty weak. He had received the Lord Jesus Christ as his personal Savior when he was six years old, in his grandfather's Methodist Church in Indiana. However, no one bothered to disciple him or nurture him in the faith, so he just drifted.

"There were times when I felt that the Lord was calling me," says Al, "but I always found a reason to wait. 'Wait until I am married and settled, wait until my children are grown...' Wait, wait, just wait."

Then, in 1970, disaster struck. Bette was diagnosed as having leukemia. Six months later she died. It was a very trying time for Al. He lost 35 pounds. He just couldn't seem to get a grip on life. For months he floundered, asking God over and over, "What have I done wrong to deserve this?" But God is gracious, and as He slowly began to work in Al's life, Al found himself now asking, "What do you want me to do?"

The Lord directed him to begin attending church regularly, and there he found the assurance that he needed to go on with his life. Part of that assurance came with meeting a wonderful Christian lady there named Jeanne. Two years after Bette died, Al and Jeanne were married. Jeanne has two children from her previous marriage, and she and Al now have 12 grandchildren. Since their marriage, Al and Jeanne have worked together for the Lord in one ministry or another. It took a while for Al to realize how important it was to put the Lord first in his life. "I pray that as you read this account," says Al, "that you, too, will not say, 'Wait, Lord, just wait.'"

In 1973, shortly after his marriage to Jeanne, Al retired from Rockwell. He tried electronics repair again, this time televisions, but with no more success than the first time. After two years he gave that up as well.

But Al loves to work. At 77 years of age, he displays

a vigor and vitality that would put many younger men to shame. So these recent years have not been idle ones. He and Jeanne are both active in the little church that they attend in Lake Montezuma, Arizona where they live. Most recently, Al has agreed to supervise the job of tearing down an old office building in Flagstaff, Arizona, about 50 miles away. The building was donated to their church, and they intend to use the salvaged lumber and other materials to construct a new church building for their small congregation on their 3.65 acre building site. That should keep him busy for some time to come.



Al and Jeanne Heath

It was only fairly recently that Al discovered ARMS. Jeanne's brother, Terry, lived in a retirement home in Medford, Oregon. In 1989 he told Al about a ham, Ed, AA7GM, who had a little shack up on the roof of the manor. Ed checked in with a Christian group every day. Maybe Al would be interested.

He was, and thus was introduced to ARMS. He began checking into the 20-meter net and has been a regular ever since. In 1991, he was elected the secretary of the organization. He is the 20-meter net control station on Fridays, and he is a frequent substitute and relay for other net control stations. His location as well as his 50-foot high beam give him a good signal, even when conditions are marginal.

"Needless to say," Al concludes, "the ARMS net is a blessing to me. I am very grateful, not only to the Lord, but to each of you for just caring and sharing each day."



An Invitation from Trans World Radio

We recently received a letter from Tom M. Watkins, with Trans World Radio. Part of that letter is as follows:

"We at Trans World Radio believe that many of your members would be interested in learning more about the exciting things God is doing around the world through missionary radio. We currently broadcast nearly 1,000 hours per week in 100 languages from nine major transmitting locations, taking the Gospel to potentially 80% of the world's population.

"We want to offer your members a free subscription to our quarterly magazine, *TWRadio*, as well as to make your members aware of exciting developments in international Christian broadcasting. From time to time we sponsor banquets in various areas of the country, and perhaps we could extend an invitation to some of your members to attend when we have an event coming to their area.

"We request, therefore, that you include a copy of the enclosed information sheet and response form with the next issue of *The BEAM*, providing your members an opportunity to respond if they are interested in receiving our magazine or being invited to one of our banquets. Thank you for your interest in Trans World Radio."

U.S. and Canadian members, a copy of the above-mentioned sheet is enclosed.



Silent Keys

Lola Winter, WA6CAO

On April 16, 1994, Lola Winter, WA6CAO, went to be with her Lord after a 14-month battle with cancer. She was 47 years old.

Lola and her husband, Leon Winter, WX6I, had been Wycliffe missionaries in the Philippines. That was the fulfillment of a commitment that Lola made in 1960, at the age of 14, when she received Jesus as her Lord and Savior and dedicated her life to full time mission work.

Lola and Leon met that same year, 1960, at a church camp. Four years later, on her 18th birthday, they were married. Leon was in the Navy, so for the next four years Lola was a Navy wife. Their first two children, Barbara and Hal, were born during this time.

After his discharge from the Navy, Leon tried to make it in civilian life, but without God. However, Lola remained steadfast in her faith, praying constantly that Leon would see the errors of his ways. Her prayers were answered in 1972 when Leon rededicated his life to the Lord and asked Him to take over. Four years later, they responded to God's call to the mission field as they joined Wycliffe Bible Translators.

In 1978 they arrived in the Philippines, and Lola began her ministry to pre-schoolers. Three years later, with their children 13 and 15 years old, Lola discovered that she was pregnant. After Sheri was born, they realized that she should have a sister, so they adopted a 19-month old Filipino baby, Kristi, in 1985.

In February, 1993, while they were home on furlough, it was discovered that Lola had cancer in the lining of her right lung. Over the next 14 months it spread to other organs and eventually to her heart.

"Lola's faith and trust in Jesus Christ were unwavering," writes Leon. "In the months that she lived with the cancer, Lola continued to give of herself. She lived an uncompromising witness to the truth that Jesus is Lord. Many who came to visit and wish her well left having been blessed in her presence. She had plenty of reasons to be negative, but that was not Lola's way. She knew that nothing happened to her that was not planned by her Lord, and that in the end she would see Jesus. Now she sees her lovely Lord face to face."

The inscription on Lola's marker tells the story of her life with the Lord: "Therefore with joy shall ye draw water out of the wells of salvation." (Isaiah 12:3).

In August, Leon, Sheri and Kristi learned that they will be able to return to the Philippines in June, 1995. Please pray that God will continue to heal the pain of the loss of a helpmate and mother as they prepare to return to do God's work. ■...■

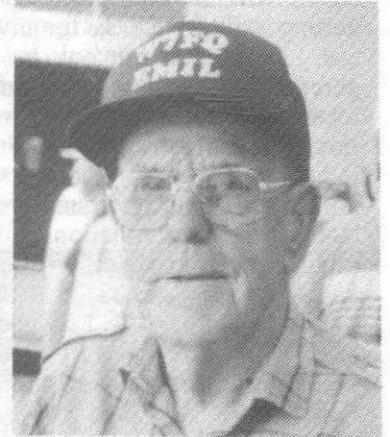
Emil Gisel, W7FQ

Emil Herman Gisel, W7FQ, died very suddenly on Memorial Day, May 30, 1994. Emil was well known in amateur radio circles, and was a long-time ARMS member. He was perhaps best known for his role as net manager for the 20-meter ARMS net.

Emil had checked into the 20-meter net on the morning of the 30th. His scripture verse that day was Revelation 3:20: "Behold, I stand at the door and knock: if any man hear my voice, and open the door, I will come in to him, and will sup with him, and he with me."

After the net, he went outside to mow the grass. When he didn't return in a reasonable time, they went out to investigate. He was found lying beside the lawn mower, which was still running. His death from a heart attack was apparently virtually instantaneous.

Emil was born on April 24, 1911, in Guerneville, California. When he turned 15, his father enlisted him in the U.S. Army, telling them he was 18. His first hitch took him to the Philippines, where they put him into radio work. In 1927, he got his first amateur license, OP1BG. Several years later, when he returned to the U.S., he became W5VQ. He served in the Army off and on until 1940, when he transferred to the Federal Aviation Administration. He eventually returned to California where he got the call W6FQ.



K7YIR photo

Emil, W7FQ

In 1943, he and his wife, Evelyn, were married. In 1966, the year after his retirement from the FAA, they moved to Grants Pass, Oregon, where he built a house and erected a 70-foot tower to accommodate his 36-foot log periodic beam antenna. There he became W7FQ.

During the Viet Nam War, Emil ran thousands of phone patches for the troops. He also ran patches into Grants Pass for Walt, WA7MKH and Charlie, WØGKR (now K7AQ), both of whom eventually moved to Grants Pass. They were both ARMS members, and thus Emil was introduced to ARMS. His name is first mentioned in The BEAM in 1972. Probably around 1975, Emil became the ARMS net manager.

Emil was active in several other ham organizations and nets, including the Beaver State Net and the Oregon Amateur Radio Club, of which he was the oldest member. He was also active in the Retired Senior Volunteer and the SALT programs. In addition to his wife, Emil is survived by two sons and two grandchildren. ■...■

Leonard I. "Van" Van Saun, W2RJQ

On June 14, 1994, Leonard I. Van Saun, W2RJQ, became a silent key after a lengthy illness. Van held the singular distinction of being one of the five founders of ARMS in 1957 (see article on Page 1).

Van was born in 1913, in Philadelphia. Soon after his birth, his family moved to New Jersey. Van lived there all of his working life. After high school Van enlisted in the National Guard and served with the Coast Guard until 1940. In 1934 he enrolled in an evening program at the Philadelphia College of the Bible, where he became acquainted with William "Doc" Mierop, the president of

Continued on next page

the college and a fellow founder of ARMS. Van graduated with a diploma in 1938.

During this time he met Elizabeth Fluke, and in 1937 he and Betty were married. After World War II, Van worked for Maddock and Company, a tool and mill supply distributor. After he was there a while, the management encouraged him to get into sales, but he was reluctant because he felt that that kind of life was not the sort of thing that a Christian man should live. However, eventually he made the switch and soon was their top salesman.

In 1970 he left Maddock because he felt that God was calling him to join Trans World Radio at their Chatham, New Jersey headquarters as a purchasing agent. Van's interest in missionaries occupied much of his adult life.

Finally, in 1978, at the age of 65, he retired, and he and Betty moved to Homosassa, Florida. From 1983 to 1988, he was involved in the Coast Guard Auxiliary, serving as Communications Officer.

In 1988, Van and Betty moved back to New Jersey, this time to take up residence at the Riverview Estates (formerly the Baptist Home of South Jersey), in Riverton. For a while he was very active at the Baptist Home, helping with wheel chairs, newsletters and a host of other activities, until finally his failing health forced him to stop.

Van was an exceedingly active member of ARMS from the very start. In addition to being one of the five men who met together on March 2, 1957 to organize ARMS, he was elected the secretary of ARMS at its first meeting on June 1, 1957, a position that he held until 1959. In 1960 he was elected president for a year. In 1963 and 1964 he served as vice president, and in 1965 he served another one-year term as president. In addition to all of that, he was the editor of *The BEAM* from 1959 until 1966.

Although Van held no more elective offices in ARMS, he continued to be active. For a number of years he was the director of the Mid-Atlantic Section of ARMS and editor of their section newsletter, "The Element." In 1975, when the New England and Mid-Atlantic Sections merged to become the Eastern Section, Van continued as its director. In 1974 he planned and coordinated the annual ARMS convention held at the JAARS headquarters in Waxhaw, North Carolina.

Van is survived by his wife, Betty, and a daughter, Marilyn Elling of Farmington, Connecticut. ■■■■

Joseph Rademacher, WØKET

Joseph Rademacher, WØKET, who lived in Garfield, Minnesota, died on June 19, 1994. The house where he and his wife lived was destroyed by fire. The Rademachers had escaped from the blaze, but Joe was concerned about their pet dog, and insisted on returning to the burning building to rescue it. He died in the attempt.



Van, W2RJQ, 1978

He was 73 years old. He is survived by his wife, Nancy, NØKMI. ■■■■

Lucian "Lu" Smith, KG7IM

On June 30, 1994, after an 18-month struggle with leukemia, Lu Smith, KG7IM, went home to be with his Lord. He was born on New Year's Day, January 1, 1907 in Memphis, Tennessee.

Lu accepted Jesus Christ as his Lord and Savior in 1934. Soon God called Lu to serve Him full time, and fortified him with Galatians 6:14: *God forbid that I should glory, save in the cross of our Lord Jesus Christ, by whom the world is crucified to me, and I to the world.*

Almost immediately Lu enrolled in Asbury College in Wilmore, Kentucky. There he met a young lady named Betty, a convert from Catholicism. On August 24, 1937, he and Betty were married. Both Lu and Betty graduated from Asbury College in 1938, and three years later Lu graduated from Asbury Theological Seminary.

Lu went on to serve the Lord in many capacities: as pastor, evangelist, teacher and general superintendent of the Evangelical Methodist Church. Although his work as an evangelist and church leader often took him away from home, he remained a family man deeply devoted to his wife and three daughters.

Throughout his career he was interested in youth. He was a great encouragement to young pastors and had a deep concern for children and young people. His last position was as a teacher at the Southwest Indian School. He retired from there in 1980 in Phoenix.

After he retired he reinstated his ham license and went on the air as KG7IM, having many QSOs with fellow Christians. He is survived by his wife, three daughters and two grandchildren. ■■■■

M. Archie Wilson, Jr., N7FQM

On December 14, 1993, M. Archie Wilson, N7FQM, went home to be with the Lord. Archie was 72 years old and lived in Myrtle Point, Oregon. He was at one time quite active in ARMS. He is survived by his wife, Beatrice, N7FQQ, also a member of ARMS. ■■■■

Edward Gaffney, NØGNL

On September 26, 1994, Edward Gaffney, NØGNL, of Spencer, Iowa, became a silent key. He was 86 years old. Ed had had heart problems and was undergoing triple bypass heart surgery. However, complications developed and he failed to survive them.

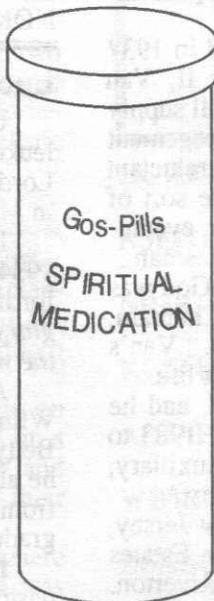
Ed was a regular checkin on the ARMS 20-meter net. He was also very active in the work of AA. He was preceded in death by his wife. ■■■■

Frances Herron, XYL of WØMI

It has come to our attention that Frances Herron, XYL of the late Wayne Herron, WØMI, recently passed away. WØMI was a long-time member of ARMS, active in the Midwest Section and a frequent net control station on the ARMS 20-meter net. Wayne went home to be with the Lord on January 11, 1991, after nearly 60 years in hamming. He was 81 years old. Frances and Wayne lived in Scott City, Kansas. ■■■■

Gos-Pills

SPIRITUAL MEDICATION Take one a day.
 "A merry heart doeth good like a medicine"
 (Prov. 17:22a)
 Impossible to O.D.!! Side effects GREAT!!
 (FOR ETERNAL USE ONLY)



Right now it costs about 60¢ per unit to put them together: 10¢ for the vial and 6¢ for each capsule. He is looking for a less expensive source of materials. If you are interested in Gos-Pills or can help Bob find a cheaper source of vials and capsules let him know at:

1701 W. Commerce Ave., Lot 203
 Haines City, FL 33844
 Ph. (813) 422-8787

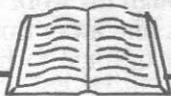
Are you reluctant to give out tracts? Are you looking for something that might be a little easier for some people to take? Why not try "Gos-Pills"?

Gos-Pills have been developed by Bob Trutt, K3OJY, as a way to get scriptures into peoples hands. Scripture selections are typed on strips of paper, rolled up and placed in No. 00 gelatin capsules. The "pills" are then placed in a pill vial, eight to a vial. He has put together a number of combinations of scriptures — some for general use, some for salvation, some for Christians who need encouragement, some for nursing homes, etc.

Job Insecurity

If lawyers are disbarred, and ministers unfrocked, perhaps electricians may get delighted... and Far Eastern diplomats disoriented... or cashiers distilled... and alpine climbers dismounted... or piano tuners unstrung... and orchestra conductors disbanded... or even cooks might very well be deranged!

—Gordon Pearce, VE7GHP



Scriptural Snakes

And he laid hold of the dragon, that old serpent, which is the Devil, and Satan, and bound him a thousand years.

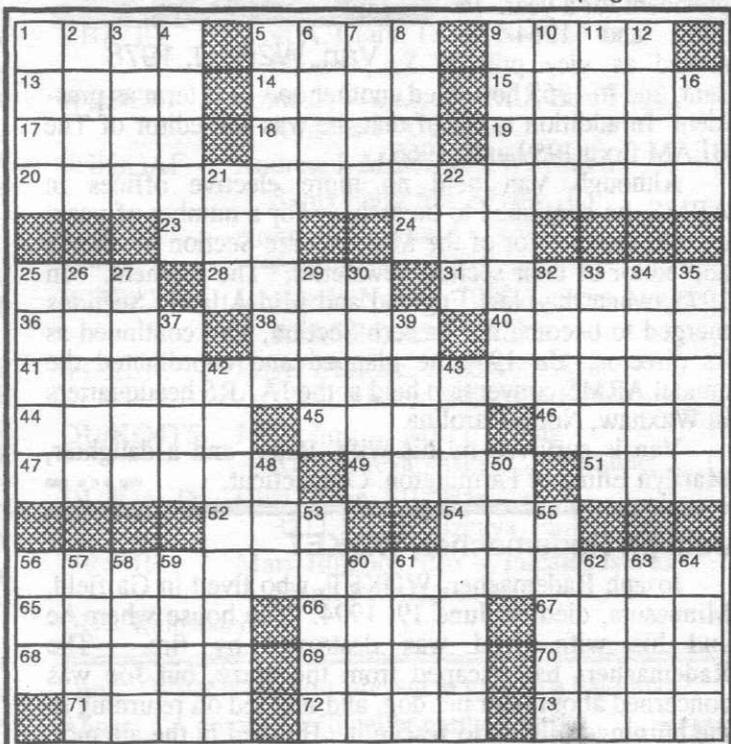
Revelation 20:3

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

ACROSS

- 1 Garret
- 5 "...is no wise ___ out." (Jn. 3:37)
- 9 Danish physicist Niels
- 13 S-shaped curve
- 14 Quechuan
- 15 Nebraska cow town
- 17 Dunk's partner
- 18 "...our end is ___" (Lam.4:18)
- 19 "...when he hath ___ me," (Job 23:10)
- 20 THE FIRST ONE: "The ___ me, and I did eat." (Gen. 3:13)
- 23 La-la preceder
- 24 Actor Mineo
- 25 Tub
- 28 Singing sibs of yesteryear
- 31 Bay east of France
- 36 Islands in the Seine
- 38 Where Pearl Harbor is
- 40 "...is he a homeborn ___?" (Jer. 2:14)
- 41 IT WAS A ROD: "...it became a ___ fled from before it." (Ex. 4:3)
- 44 Halos
- 45 Countertenor
- 46 DNA entity
- 47 Posture
- 49 "...and led him out of the ___;" (Mk. 8:23)
- 51 Article in Aachen
- 52 "Stand in ___ and sin not:" (Ps. 4:4)
- 54 "King" Cole
- 56 IT WAS ON A POLE: "...Moses made ___" (Num. 21:9)
- 65 "...by night unto ___;" (Acts 17:10)
- 66 Baby's first word, maybe
- 67 "...an ___ is nothing..." (I Cor. 8:4)
- 68 "...what am I ___?" (Job 16:6)
- 69 Audi rival
- 70 "...can no man ___;" (Jas. 3:8)
- 71 "...Darius the ___" (Dan. 11:1)
- 72 *El Camino* ___ (The Royal Road)
- 73 Examined
- 3 "...and in thy ___ will I worship..." (Ps. 5:7)
- 4 "...do ye ___ the Lord?" (Ex. 17:2)
- 5 "...and ___, with all trees..." (S.S. 4:14)
- 6 "...cast into ___ by his own feet," (Job 18:8)
- 7 Sign of healing
- 8 "...of the ___ of the field." (Mt. 13:36)
- 9 Food poisoning
- 10 "But ___ wrought evil in the eyes..." (I Kings 16:25)
- 11 "...and the ___ shall sweep..." (Is. 28:17)
- 12 Korean dictator Syngman
- 16 "...can ___ one cubit unto..." (Mt. 6:27)
- 21 Pitcher's stat
- 22 Chatter
- 25 Passport add-ons
- 26 Alaskan native
- 27 Word with cotta or firm a
- 29 "...they may ___ whole month." (Nu. 11:21)
- 30 "Thou ___ not..." (Ex. 20)
- 32 Plod
- 33 Checked out
- 34 Oat genus
- 35 Positive responses
- 37 Trestle
- 39 "...be opened ___ you:" (Mt. 7:7)
- 42 Unusual adventure
- 43 Sudden ruin
- 48 "...and one ___ lamb of the..." (Lev. 14:10)
- 50 Arrest
- 53 "...a familiar spirit at ___" (I Sam. 28:7)
- 55 Hackneyed
- 56 The honest pres.
- 57 "...was without ___" (Jn. 19:23)
- 58 Gaelic
- 59 "A ___ shaken with the wind?" (Lk. 7:24)
- 60 Flexible ruler
- 61 Greek theaters
- 62 "...of darkness ..." (Joel 2:2)
- 63 "...cast ___ of you ..." (Rev. 2:10)
- 64 Coaster

Solution is found on page 14.



Section Reports

Northwest Section

The Northwest ARMS group continues to be active with up to 18 check-ins on Thursday mornings. Of course we miss some of our old faithfuls: Ed, AA7GM, who is recovering from hip and other surgery; and Ren, N7FMD, who has not been feeling well as he struggles with a lung problem. We need to keep them in our prayers.

We also miss our old friend Emil, W7FQ, who has left a real vacuum in the northwest area. Also, keep his wife, Evelyn, in your prayers. She is making plans to move to Corvallis, Oregon, where her son Wayne lives.

We have two new ARMS members here in the Grants Pass area, Lynn Clark, KC7BUL, and Steve Williamson, KC7DNU. Steve will be leaving in the near future for Papua New Guinea with New Tribes Missions. Charlie, K7AQ, and Bill, K17XT, had an opportunity to meet Steve while they were visiting here at our QTH. Both Lynn and Steve are working on their general licenses and hope to join us on the air soon.

Mac, W7SDS, and Lola, WDØBAA, have been back on the Table Rock Lookout fire station in eastern Oregon for the summer. Mac informed us that lightning struck the tower of Larry, KR4PG, destroying much of his equipment (see related story on page 14). Looks like he may be off the air for a while.

Barbara, AA7IV, is now in Seattle. She hopes to get a better antenna so she can check in with us on 75-meters.

May the good Lord be watching over everyone in ARMS until we meet again.

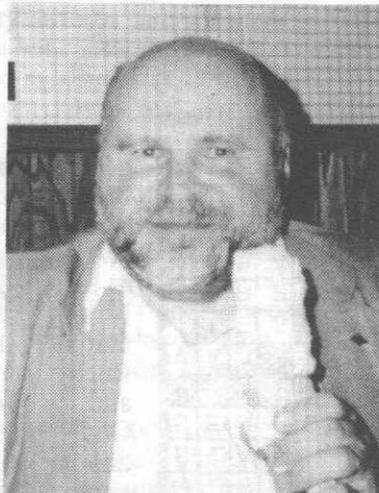
—Bob Hamby, WA7BYD

Midwest Section

On August 20, the Midwest Section of ARMS met at the home of Arnie, WAØDFT, and Dorothy Kopischke at Mankato, Minnesota for their annual fellowship get-together. There were 20 persons present.

After a time of fellowship and refreshments, letters were read from WØBBO, WAØLLI, and WØEYL, who expressed their regrets at being unable to attend. NØKMI, Nancy Rademacher, sent a note of thanks for the expressions of sympathy regarding the passing of her husband, Joe, WØKET. The group then adjourned to the Northland Harvest Buffet for lunch.

Following the meal, Arnie, WAØDFT, presented a dissertation on basic electronics. This was followed by a moving message in song by Karl Koppelman, WAØTFC,



Arnie Kopischke, new Midwest Section Director

as he sang "Children of the Heavenly Father." Jerry Nelson, WØQPX, gave a slide lecture on "The Temple."

Section Director Don Berggren, KØAOV, chaired a short business meeting. He announced that Arnie, WAØDFT, would serve as section director for the coming year, and he, Don, KØOAV, would be the assistant director. Elaine Wigen, WAØEJA agreed to continue as secretary-treasurer and Karl, WAØTFC would continue as the net manager for the section. The next meeting was tentatively scheduled for August 19, 1995 in Mankato.

Those present were: WØQPX, Jerry and XYL Mary; WØLSF, Don and XYL Pauline; WBØEJA, Elaine, and WBØEJB, Junior; WAØDFT, Arnie, and XYL Dorothy; KØLHJ, Jerry; KØRGO, Ray; KØOAV, Don; WAØLUV, Dan and son Tim; AAØLF, Tom and XYL Debbie; WØQCB, Francis and Max Meixner; WAØTFC, Karl and mother, Mary Alice; and Lillian Nordel, XYL of silent key, WAØOUY, Ed.

—Elaine M. Wigen, WBØEJA

Central Canada Section

Fall is very definitely in the air here in Brandon, Manitoba. We don't like to think about those low temperatures that will be coming along all too soon. But we have been taking advantage of the summer while we have it.

Wes, VE4DC and his XYL, Connie, VE4CU, recently celebrated 40 years of married bliss. They hosted a barbecue picnic with scores of relatives and friends in attendance. It was a bang-up success.

Don, VE4ACA, spent two weeks in Russia as part of a team instructing in the operation of credit unions. Dallas, Don and Marleen's daughter, was recently married in Winnipeg. Pray for Marleen as she is experiencing pain in her bout with cancer.

I talked to Peter, VE4PP, the other day on 2-meters when he was in the area visiting his son and family. Peter is doing quite well, but he has to exercise caution due to a heart condition.

We note that Lyle, VE5HL, and his XYL Chris, have moved from Regina to Prince George, BC. Lyle's new call is VE7LCH. Too bad to lose that 2x2 call. Well, at least he got his initials (sort of).

My XYL, Mildred, VE4DJ, recently spent eight days in the hospital undergoing tests. We hope that the prescribed medication will rectify her hemoglobin problem and have her back to her normal, energetic self really soon. The DJ and I enjoyed our trip to Edmonton for Mildred's family reunion in August.

We continue to appreciate ARMS and the many friends we have as a result of the 20-meter net. A big thank-you to all whose work has made ARMS what it is.

—Jim McAuley, VE4ID

Southeast Section

The Southeast Section of ARMS is alive and well. Our group continues to meet every Saturday morning at 9:00 am on or about 3.900 MHz. I urge all members in the section to join us there.

On Saturday, July 23, Bobby, KC4ERJ, and Denis, WD4ACH, had a great time at the Atlanta Hamfest.

Continued on next page

Bobby lives in Watkinsville, Georgia. Later, on August 15, Bobby and his family came over to the Tennessee side of the Smokies and visited the Parkers in Knoxville. God has blessed Bobby with a wonderful wife and two fine children. Bobby's folks came along, too. We all had a fine meal and a great time of fellowship around our great God and Savior Jesus Christ at the Cracker Barrel in Pigeon Forge, Tennessee.

The tower of Larry Castner, KR7PG, formerly N7JVV, now living in Waxhaw, North Carolina, recently received a direct hit by lightning. The bolt began its trip down to the ground through Larry's 17-foot high 2-meter/440 MHz vertical on top of the tower. The lightning completely destroyed that antenna. The next morning all he found of it were bits of fiberglass and aluminum on the ground.

Although the tower was well grounded (two 8-foot ground rods connected by #6 solid copper), the tremendous current took every available route to get to the ground. It burned out the rotator and followed the rotator cable into the shack and where it damaged the control box. From there it entered the house wiring and completely destroyed his computer. From the computer it went to his TNC, and on to his TS-450, damaging both. As the lightning exited the house via the meter box, it got so hot there that it shattered the vinyl siding around the box.

While Larry estimates a total loss of about \$4000, he didn't lose everything. Fortunately, his other rigs were not connected to anything and were not affected, and the lightning did not damage his HF beam. We were glad to hear Larry back on the air soon after the strike.

Don't forget our net Saturday mornings at 9:00 on 3.900. We'll be looking for you.

—Denis Parker, WD4ACH

Eastern Section

The ARMS Eastern Section Net continues to welcome many new check-ins on 3.907 MHz at 7:00 am every Monday and Thursday, and at 9:00 am on Saturday. One "not-so-new" check-in is ARMS founder, K2JEI, Doc Mierop. Doc has been away from ARMS for about 11 years, and his return is great news!

Most of us don't like to see the end of summer and all the blessings that nice weather brings. But for the Eastern Section, the shorter days bring another blessing: long skip paths for our 7:00 am (Eastern time) nets. Many members live up and down the east coast, and changing skip brings new opportunities for check-ins. We invite all in this part of the country to join us.

We have a prayer request from Kevin and Cindy Austin, missionaries to Munich, Germany. Their three-month-old daughter, Brianna-Joy, has some serious birth-related problems, for which extensive surgery is needed. She was brought to the University of Rochester for diagnosis, but has returned to Germany. The surgery will be per-

formed in Munich by German doctors. The home church of the Austins is that of Rick, N2JLH, and Bob, WA2CYO.

Prayer is also requested for April, the granddaughter of Al Smith, K2CAC. The prayers of many Eastern Section members were answered when God cleansed April of cancer a while back, but now there has been a relapse of the cancer.

The regular check-ins to the Eastern Section Net include: Jim, N3CMC; Ken, KA1ABD; Norm, W2NNJ; Al, K2CAC; Bill, K3MOM; Norm, WA1YQM; Larry, KB2HAT; Brad, K2KXY; Bob, W2YIK; Don, K3RYV; Rick, N2JLH; Carl, K4ME; Ossie, VE3CNI; Larry, W2PT; Harold, K1GUR; Wendell, K1RPE; Duane, AA2JI; Will, WA2OJN; Harry, W3TEB; Gerry, K4RBZ; Gene, W3EAN; Tom, N7GBH; and Bob, WA2CYO.

—Rick Hergesell, N2JLH

Rocky Mountain Section

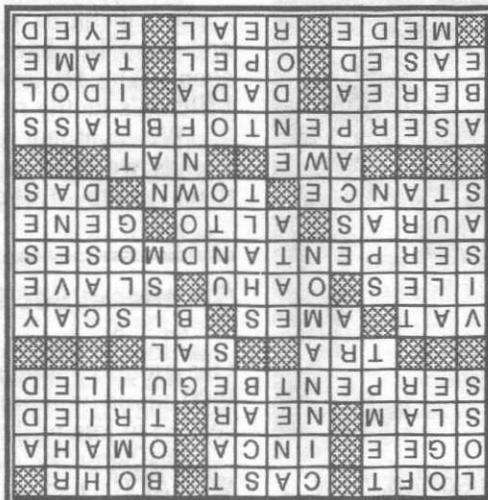
The Rocky Mountain ARMS Section gathered at Camp Id Ra Ha Je West near Paonia, Colorado, for the section rendezvous on Field Day weekend, June 25 and 26. Over 40 people enjoyed great fellowship, operated under emergency conditions, and camped together in one of the prettiest valleys in western Colorado.

Early in the year, ARMS member Sam Kloberdanz, KBØCZV, invited the Rocky Mountain Section to spend Field Day weekend at the Christian camp where he is director. The camp includes cooking facilities, cabins, playing fields, and plenty of space to set up camp and Field Day activities, and, yes, much to the delight of the kids, a homemade water slide emptying into an irrigation ditch that winds its way through the camp. There were two stations set up, one for QRP and one for QRO.

We especially enjoyed the presence of Dave Immel, KE4EW, and his family, who had recently returned from Papua New Guinea. Dave is a missionary with Wycliffe Bible Translators, as well as being an avid contest. He brought the group up to date on the activities of Wycliffe in PNG and showed two video tapes, one of the missionary work and the other of a DX contest which Dave and his ham friends entered about a year ago (see the Fall, 1993, BEAM). Our heartfelt thanks go to Dave for sharing with us that weekend, and also to Sam and his gang for showing us the best of Christian hospitality!

On Sunday, September 25, a number of section members gathered at the home of WØLVE, Lowell Martin, in Strasburg, Colorado, to bid farewell to Mike Rafferty, AAØAO, who soon will be moving to eastern Pennsylvania. We certainly appreciate all of the hard work that Mike has put into ARMS as the Rocky Mountain section director, and we wish him and his family God's blessings as they undertake this move. At that gathering the group selected Everett "Lash" Larue, WØRQI, to take over as the new section director.

—Paul Bauer, WZØD



Solution to the puzzle on page 12.

Continued from page 1 — *Beginnings*

and lived in nearby Collingswood, New Jersey.

"I know that Van (Leonard Van Saun), W2RJQ, would sure be interested," interjected Sherm Milligan, W3CGH. Sherm pastored a church in Hollisterville, Pennsylvania. "He contacts quite a few missionaries on the field. Maybe we could develop an organization that could be of some service to them."

"That would be great," said Bob. "I'd like to see us present a Christian witness on the air any way that we can. Service to missionaries really is needed."

"Not only that," said Doc, "but just discussing things of the Lord on the air would present a good witness. We don't want to be pushy, but quoting a scripture now and then can't hurt. You never know who might be listening. What do you think, Sherm?"

"I think it's a really great idea," said Sherm. "Doc, why don't you see if you can set something up on this?"

"I will," said Doc. "We can meet in my office at the college. I'll contact Van and a few others and see what we can put together."

Thus the wheels were set in motion for the establishment of an organization of Christian hams that would provide a service to missionaries as well as fellowship on and off the air.

On March 2, 1957, five hams gathered in Doc's office to set up that organization. In addition to Doc, Bob and Sherm, the group included Van, W2RJQ, who was a tool salesman from New Jersey, and Dick Harris, K2MBT, a missionary's son and radio engineer from New Jersey.

"The first thing we need is a name," said Doc. "We know what our primary mission will be—to provide a service to missionaries on the field through amateur radio, so how about 'Amateur Radio Missionary Service'—A.R.M.S. for short?"

"My idea exactly," said Van, and everyone agreed.

"We can continue to meet on the air," said Bob, "but instead of just the three of us having a roundtable three times a week, we can have a net—the A.R.M.S. Net—at 3.907 kc, and invite any Christian ham to join us. We can take turns being the net control station."

"That's good," said Doc, "but you know, if this thing develops into anything, and I think that the Lord is going to bless it, there will be members who won't be able to check into our net. We need to keep in touch with them, as well. I think that we ought to have some sort of a bulletin or newsletter to keep people informed and to let members know about missionary skeds."

The group agreed, and eventually the name "The A.R.M.S. BEAM" was settled upon. Van said that he would see about getting it together.

Another immediate need was publicity. They needed to get the word out to Christian hams that ARMS existed. Dick Harris said that he would take care of that, and soon

a letter was sent to several foreign mission headquarters. The May issue of the Foreign Mission Radio Bulletin carried most of the text of Dick's letter to them.

Thus ARMS was born—five dedicated Christian hams intent upon serving the Lord through what for many was no more than a diversion, but which for these five was an avenue to implement the Lord's work by providing a communications link, not only with missionaries overseas, but with fellow Christian hams everywhere.

It is interesting to note that the vision of those founders of ARMS was rather limited. They really couldn't see what the Lord had planned when He prompted them to establish the organization. They had in mind a very local

group, centered in New Jersey, and eastern New York and Pennsylvania. Their local membership area would extend only as far as their 75-meter net would allow them. They could enjoy fellowship on the air as well as at occasional picnics and get-togethers. Beyond

that, they would reach out to just missionaries in distant places on the air.

Three months later, on June 1, 1957, the first regular meeting of ARMS took place in Philadelphia. By that time there were between 15 and 20 members. We don't have a record of the attendance at that first meeting, but it was noted that the turnout was smaller than expected because it was the Memorial Day weekend.

Officers and board members were elected and committee chairmen were appointed. The officers were:

President — William A. Mierop, K2JEI
Vice-president — Robert Matthews, W3BBM
Secretary — Leonard Van Saun, W2RJQ
Treasurer — Richard B. Harris, K2MBT

The members of the Board were:

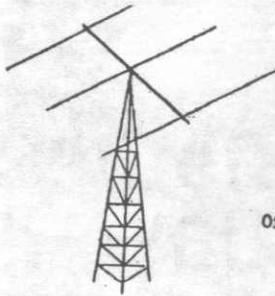
Sherman M. Milligan, W3CGH (later WA2CNK)
Harry L. Woll, W3TEM
Robert G. Burns, W3FTH
Vernon A. Bell, W3EOD
Richard Seymour, W3FJK

The committee chairmen appointed were:

Communications — Leonard Van Saun, W2RJQ
Engineering & technical — Al Heil, W2OZO
and Hal Reynolds, W3LJ
Fellowship — Al Howe, W3BJF
Activities & programs — Vernon Bell, W3EOD
Publicity & membership — Dick Harris, K2MBT

Later that month the first issue of The A.R.M.S. BEAM was published (see above). We don't know how many pages it contained, but we do have copies of pages 1 and 2. The last article on page 2 ends in the middle of a sentence, and this suggests that there were more pages. (Ed. note: If anyone has a complete copy of that first BEAM or any early issues, the current editor would greatly appreciate a photocopy.)

Continued on next page



The A. R. M. S. BEAM

Official Bulletin of the Amateur Radio Missionary Service

Volume 1

June 1957

Number 1

Masthead of the first BEAM (slightly reduced)

The masthead displayed a drawing of a three element beam on a tower, a motif that we have continued to use to this day. The headline read "CHRISTIAN HAM CLUB ORGANIZES..." and the article below it described the officers and appointees. The president wrote an article defining the term "missionary." Page 2 included a membership report and a report from the publicity department. The last article on page 2 reported that A.R.M.S. stationery was available, in two colors, blue or silver, for \$1.00 for 50 sheets and 50 envelopes.

From that beginning more than 37 years ago, ARMS grew rapidly. Doc, K2JEI, continued as president for the first three years, and Van, W2RJQ took over in 1960.

The BEAM in the fall of 1961, after just four years of ARMS, had become an eight-page publication. The picture of the beam and tower on the cover sheet was replaced by the familiar ARMS shield emblem with the cross and two lightning bolts. (The beam and tower did not appear again until 1965.)

The ARMS motto from Galations 6:10 appeared at the bottom of the cover sheet. It is interesting to note that when ARMS was founded, Hebrews 13:16 was suggested as a motto: "But to do good and to communicate forget not: for with such sacrifices God is well pleased." However, Dick Harris, K2MBT, who designed the now familiar shield emblem, also suggested Galations 6:10, and that was eventually adopted as the official motto.

The ARMS club station at the Philadelphia College of the Bible, K3CBM, also was named on the 1961 BEAM cover sheet. Although no mention is made of the BEAM editor, as such, apparently Van was responsible for putting it out, since his name appeared on the return address.

In that 1961 issue, an article noted the organization of a Midwest Section under the direction of Francis Finck, WØQCB. Dick Harris had moved to Seattle, Washington and was nurturing ARMS activities on the west coast. The organization was expanding across the continent.

A number of ARMS nets were in existence by this time on 75-, 40-, 20-, 10- and 6-meters. The Midwest Section had a net on 14.270 MHz on Fridays at 1330 z, with WØQCB and Forrest Milliken, WØQKI, as net control stations. This was the forerunner of the present 20-meter ARMS net that meets every morning except Sunday on 14.3075 MHz. However, it was not until 1970 that the "Transcontinental Net," the ARMS 20-meter net, operated on a daily basis on that frequency.

By early 1962, after only five years, ARMS had grown to nearly 200 members. While over half of that number were 2s and 3s, there were 14 Øs, 16 members from outside of the U.S. (of which four were Canadian) and 23 Associate Members.

ARMS was providing an invaluable communications link with overseas missionaries, as well as making a Christian witness on the air. But over the years it has provided an incentive for many members to improve their station activities, as well. Doc Mierop has pointed out that ARMS membership encouraged many of its early members to more and better hamming.

"Those of us who had only meager rigs," he writes, "which could operate only on one band at very low wattage began to upgrade our licenses and our equipment in order to operate on all bands at sufficient power to cover the earth. We designed QSL cards that included a

witness for the Lord and His Word by including a reference from Scripture. Mine had two tall towers with a wire between them and the verse from Proverbs 25:25: 'As cold water to a thirsty soul, so is good news from a far country.'

"I wrote two tracts that related amateur radio to the Christian life," continued Doc. "They are called *Your Best Contact* and *The Wrong Manual*. I always included one of these with each of my QSL cards and phone patch acknowledgements."

Where are the ARMS founders now? Doc, K2JEI, is



Doc Mierop, K2JEI

now 82 years old, and has been living in a retirement home in Quarryville, Pennsylvania since 1983. Because of restrictions at the home, he has been able to operate only on 2-meters until now. However, their new administrator is not only a born-again Christian but a ham, NR3R, (and new ARMS member, thanks to

Doc!) so efforts are now underway to put together an HF station and antennas at the home.

"I am ordering new QSLs," writes Doc. "I will soon be able to roam the world again. So the missionary aspects of ARMS will reappear from Quarryville."

Bob, W3BBM, at age 80, continues to serve the Lord as the pastor of the church in Wilkes Barré, Pennsylvania, where he began 56 years ago. He is still active on the air and occasionally checks into the 20-meter net.

Van, W2RJQ, is now with the Lord. He passed away this past June 14 at the age of 81. (See page 10.)

Sherm, W3CGH, became a silent key in 1981.

Dick, K2MBT, moved to Seattle in 1961 and became K7VCD. He is now the engineering services manager for the Christian radio station, KGNW in Seattle. Over the years Dick drifted away from amateur radio and ARMS. However, he is in the process of getting his station back on the air, and has now joined us again. (See "Our New Members," page 6.) Welcome back, Dick! ■...■

This article was compiled with the help of K2JEI, W3BBM and K7VCD. Getting in touch with Doc and Bob was easy. They were both still members of ARMS. However, finding Dick took some sleuthing. I eventually found him in my own "backyard," 80 miles away in Seattle. "Thank you," all three of you, for your help.

I also used back issues of *The BEAM*, as well as a tape of an FM radio program broadcast from WFME, Trenton, New Jersey in 1968, generously shared with me by W3BBM. It is of a talk show in which four early ARMS members were interviewed, including Van, W2RJQ. If any members would like to hear it, I would be happy to share it. Also, copies of Doc's tract, *Your Best Contact*, are available from Steve Forst, N3FTT, 5133 Gramercy Dr., Clifton Heights, PA 19018. —Ed.