

The BEAM

Amateur Radio
Missionary Service



Volume 41, Number 2

Fall, 1997

HCJB to move antenna farm at Quito, Ecuador

Orbra Bliss, W9GEK, is an engineer with HCJB in Elkhart, Indiana. He and his wife, Sally, are spending several months in Ecuador at the HCJB antenna site at Pifo, outside of Quito. Here are some excerpts from reports that Orbra has sent to us.

August 18, 1997

For several years we have known that a new international airport was being planned for Quito, to be located on this side of the valley. The present airport has been hemmed in by the city and is fast becoming inadequate. Unfortunately for us, the site finally chosen puts our antenna field here at Pifo right on the center line of the approach path. We have been notified that we will have to remove our antenna facility.

A search has been going on to find another location suitable for the antennas that will still be close enough to receive a direct power feed from our hydroelectric plant at Papallacta. Our senior HCJB engineer, Herb Jacobson, will be arriving next week for consultations on this as well as other related decisions. Pray for God's will to be made clear in this meeting.

August 23, 1997

Herb Jacobson, our senior engineer, arrived from Elkhart on Monday for a three-week stay. Herb told us that when this location was first being developed in the early 1950's, it took several years to get the buildings and

—Continued on page 20—HCJB

Know your missionary organizations:

Wycliffe Bible Translators

The first in a series of articles on our missionary organizations



"We sat in a circle in the lantern lit room, praying that God would provide the welder we so desperately needed..." So wrote a member of a construction team in Cameroon, in the heart of tropical Africa. He was a Wycliffe Associate, part of a group of short-term volunteer workers who had gone to Africa to construct a translation center for the Wycliffe Bible Translators. In order to proceed with their work, they needed a skilled welder, and none of the crew had those skills.

As they prayed, a knock came on the door. When they opened it, they saw a Wycliffe administrator and someone

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Eastern.... Mon.-Thurs., 7:00 a.m., Sat., 9:00 a.m. 3.907
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Southeast Sat., 9:00 a.m. 3.900
Midwest Sat., 8:30 a.m. 3.905
Rocky Mountain Mon.-Sat., 7:30 a.m. 3.893
Northwest Thurs., 7:00 a.m. 3.984
20-Meter Mon.-Sat. 1500 z (ST), 1400 z (DT)
(10:00 East., 9:00 Ctr., 8:00 Mtn., 7:00 Pac.).. 14.3075
Halo Net Every day, 1800 z.. 21.390
Missionary Calling Frequency 21.390

ARMS SECTIONS



ARMS Motto

Therefore, as we have opportunity, let us do good to all people, especially to those who belong to the family of believers.

Galatians 6:10 (NIV)



From the editor's desk:

I was looking over the last issue of The BEAM and was struck by the fact that there were so few pictures in it. One of the problems with using the radio to communicate is that we often develop erroneous mental images of the people we are talking to. Photos on QSL cards or newsletters can go a long way to correct that. So I planned to make an impassioned plea for more photos. Then I reviewed the current issue, and I was pleasantly surprised to find quite a few more photos. So my plea now is to keep them coming.

But not just any picture. First of all, the pictures need to be actual photographs, not pictures from a magazine or newspaper, not photocopies, but real, right from the negative photographs. They print much better.

Second, they may be color or black and white, but they need to be close-ups, sharply in focus, and of good contrast. A fair amount of resolution is lost when the printer makes the plates and prints the pictures, so the originals need to be as clear and sharp as possible.

Here are a few hints on taking group pictures. Our readers don't care about seeing peoples feet or the surroundings. They want to see their faces, and see them as clearly as possible. When you are lining up your group, fill your frame with faces. Get as close to your group as you can and still get them all into the picture. If the group is large, more than a dozen or so, break them up into small groups and take pictures of each group, getting really close. Take several of each group. Then you can pick out the best one for each of the groups. And don't forget to record the names right away so you don't have to search around later to identify folks.

So get with it. It doesn't cost much more to get pictures into The BEAM, and they add so much. Send your photos to me at the Washington address at the head of the column at the left. They will not be damaged or destroyed, and if you request it, they will be returned to you after that issue of The BEAM is published. I'm looking forward to seeing you—in The BEAM!

—Dave Shortess, W5PQL,
BEAM editor

A word from our treasurer



Just a reminder from Treasurer Bob Hambly that there are a number of members who haven't sent in their dues for 1997-98.

On the other hand he would like to thank all those who have paid their dues and especially those who have helped with extra support. As a result, our finances are much improved (see page 9).



Missionary Reports

Jeff Johnson, KO4TS, Philippines and Waxhaw, North Carolina

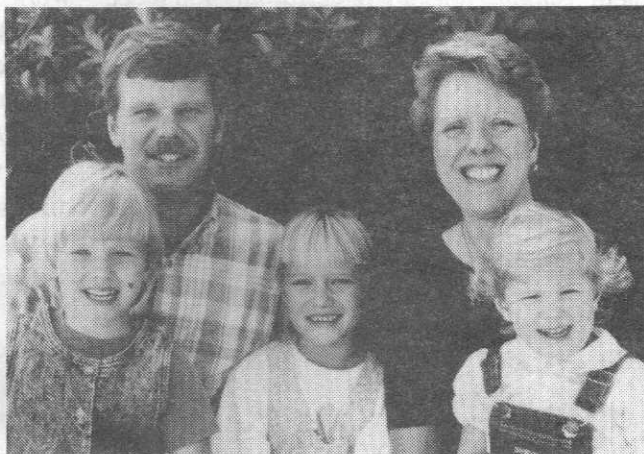
In May, 1996, we were forced to come home from the Philippines because my attacks of vertigo had grounded me. Since I could not fly, we had no reason to be there. As the result of treatment here in the States, I have had no recurrence of the problem, and I was restored to flight status that July. However, just nine days later Deb found out she had breast cancer.

Since the picture at the right was taken over a year ago, Deb has undergone surgery, chemotherapy and radiation. *PRAISE THE LORD* with us, as she is doing well. We are trusting that if there was any cancer left after her lumpectomy and lymph node removal in August, 1996, and the chemo and radiation that followed, it's gone now.

The doctors recommend that we extend our time in the U.S. for Deb to recover from the treatments and regain her strength. She has retired her wig and has a stylish short haircut, although she doesn't talk too often about keeping it this short. She looks good, but just doesn't have much stamina. This is normal after chemo/radiation. Her doctors say that it will take six months to a year before she is "fully" recovered and feels ready to tackle the world as it comes.

Wycliffe's Philippine Aviation department has asked me to consider getting my helicopter license and returning to Bagabag, to fly both the airplane and helicopter. After a lot of prayer, discussion and counsel, we agreed to the department's request. This meant that we had to go to the JAARS center in

North Carolina. (JAARS is the technical arm of Wycliffe, with headquarters



in Waxhaw, just south of Charlotte.)

So, our time this past summer has been spent "on the road." We shoe-horned ourselves into the van on June 16th for a trip to Minnesota, via friends in Oregon and Washington. We thank the Lord for friends in California who helped us clean the house, and for strength for Deb during that very busy time of packing. We arrived at the JAARS center about a week before school began for Rebekah and Rachel on August 19th.

JAARS has a helicopter that is a twin to the one in the Philippines. My first task will be to get my FAA licenses in the fall of 1997. But JAARS requires more than just the FAA minimum; any JAARS pilot learning to fly the helicopter must have 200 flight hours before flying it on the mission field. I will get that by flying for the Missions At The Airport (MATA) programs from spring through early fall of 1998. MATAs are held at various locations throughout the east coast, and at 65 mph, it takes the

helicopter a while to get anywhere.

I will do some further flying with the JAARS instructors during the fall of 1998 in an orientation to teach "missionary flying" techniques in the helicopter. This is the same thing that I did in the airplane in 1987 before we went to Liberia.

Our present target date to return to the Philippines is January, 1999. While that is based on the time required for the helicopter training, it also includes Deb's recovery as well.

Thanks for your continued interest in our ministry. It's exciting to be a part of a growing number of New Testaments being dedicated in the Philippines and around the world.

We look forward to a good year at Waxhaw, as I learn to fly and fix the helicopter and Deb regains her strength.

Looking up and moving forward,

—Jeff Johnson, KO4TS

ELWA back on the air

In recent years, Radio ELWA in Liberia has been destroyed twice by civil war. It seemed the end of the ministry, but with unyielding faith, the Liberian Christians salvaged and protected what was left and began to rebuild with what they could gather.

Radio equipment is now on its way to put ELWA back on the air, for the present to serve the Monrovia area. From the HCJB Engineering Center in Elkhart we expect to be able to help the newly formed ELWA Evangelical Association in rebuilding the radio ministry to serve Liberia.

—Orbra Bliss, W9GEK

Missionary Reports continue on the next page—

Missionary Reports, continued—

Leon Winter, DU/WX6I, Philippines

On June 28 Leon Winter, WX6I/DU, and Sally Shekleton were united in marriage in Putnam, Connecticut. Later they returned to the Philippines to their work as Wycliffe missionaries. Leon continues his work as an electronic technician and radio coordinator at the S.I.L. base at Bagabag, and Sally assumed her new position as an elementary teacher there at Bagabag. She is not new to this sort of work. She has been a teacher for a number of years, including a tour in the Philippines with Wycliffe.

We will let both of them have a turn. We begin with Leon, writing in August.

"For I know the plans I have for you," declares the Lord, "plans to prosper you and not harm you, plans to give you hope and a future." Jeremiah 29:11

Dear brothers and sisters in Christ,

June 28th in Putnam, Connecticut arrived with great joy. How did Sally and I arrive at this very momentous day? Certainly not without many hours in prayer and in communication with one another. It was August, last summer, when the Lord gave me great peace that I had found His choice for a wife. After that, we looked very carefully to see that this was from God and not just wishful thinking in our hearts. In the end, we knew we belonged together.

Our wedding ceremony was crafted to be simple and very meaningful. We delighted to bring honor to God in each part. The music selected centered on God's role in our marriage. The main song was one written by Steve Green called "Household of Faith." If you are married and have never heard this song, I suggest that you and your spouse sit together and listen to its marriage-strengthening words.

Immediately following our exchange of vows and the pronouncement that we

were "man and wife," there was a commissioning ceremony. Sally and I desired to show that this new marriage was also a new team in the Lord's service. As the elders surrounded us and Pastor Phil prayed, I thought of how blessed we were to be returning to the Philippines together in God's service. The closing was a wonderful mission piece sung by the choir called "Lead Me, Lord."



And now from Sally, written in October:

Dear friends,

What is it like teaching missionary children? In many ways it's like teaching anywhere. There's math and reading and social studies and all the other things kids need to learn. There are moments of deep insight and moments of total silliness. There are quick, bright students and students who labor long and hard to master the material. There are squabbles, and great friendships. There are field trips and class parties.

There are great differences in teaching missionary kids (MK's), too. I have the smallest class I've ever taught: five students! I'm teaching two grades this year, one fourth grader and four third graders. One of my students is Swedish and has never heard of the Mississippi River, never mind learned how to spell

it! There are no music, art, computer, or P.E. teachers here so I take responsibility for these for my class. Another difference is the school supplies available. Textbooks are from the U.S., but paper, notebooks, pencils and so forth are local. Imagine, those 3-hole folders you can buy at Walmart for \$.15 each—we can't get them here!

By far the greatest challenge for me is that my students come and go more than usual, depending on their parents' work.

Take Melody for example. Her dad and mom are translating the Bible for the Tanudan Kalinga people about 75 air miles north of our center. When they go to the village of Mangali to stay, so does Melody and her little sister Alyssa. When Melody goes to Mangali, all her books and a set of lesson plans go with her. It means I lay out everything, duplicate those worksheets she will need, and get them organized ahead of time. On Monday mornings I send her the week's spelling words and memory verse via the radio operator (Leon!), and on Monday afternoons I talk to Melody and her mom by radio to make sure she is doing okay with her school work.

Prayer and Praise:

- 1) Praise for a smooth start to the school year for Sally.
- 2) Pray for creativity and flexibility for Sally in teaching.
- 3) Pray for Leon as he communicates with translators in remote places and tracks the plane and helicopter and takes on the additional responsibility of e-mail coordinator for the base.
- 4) Pray for Sally's allergies. She is tired of a stuffy head and could use some relief. We are trying a new drug that helps a little. Pray for healing.

Delight yourself in the LORD and he will give you the desires of your heart.

Psalm 37:4

—Leon (DU/WX6I) and Sally Winter

Missionary Reports, continued—

Charlie Shearer, WA3FOR, China

China Outreach Ministries began in England as *Chinese Overseas Christian Mission* (COMC) by Stephen Wang of North China. The Lord spoke to him about the hundreds of young Chinese who had come to England. These were known as "overseas Chinese," and the name *Chinese Overseas Christian Mission* described this group.

Stephen Wang was encouraged in his ministry by Fred and Frances Pyke, former Methodist missionaries to China. The Pykes also introduced Stephen to Americans, Don and Evelyn McIntosh, who organized and incorporated COCM in America in 1959 to lend support to the British COCM.

Under Don's leadership, a house for COCM offices and entertainment of Chinese was built in Fairfax, VA. In addition, they supported some radio broadcasts into China through Far East Broadcasting Company (FEBC) and assisted a couple of Chinese workers in Jakarta, Indonesia. I joined COCM in the Spring of 1991 as a regional representative.

On June 17, 1992, Boris Yeltsin, President of Russia, stood before the U.S. Congress and heralded one of the most cataclysmic moments of all human history. Mr. Yeltsin declared: "The world can sigh in relief...The idol of Communism...has COLLAPSED!"

China, with her 1.2 billion people, has not been unaffected by this momentous failure! While political change has been stubbornly resisted in China, new policies have brought about very dramatic changes that give Christians an unprecedented opportunity to share Christian truth with China's multitudes.

A major step in China's reform has

been to send tens of thousands of her top intellectuals to American universities. Many are professors, doctors, engineers, nuclear scientists, economists, government officials and mid-career specialists. They represent one-fourth or more of all China graduate students. *Never before in all history has one nation entrusted her top minds to another nation to be trained as China has today!*

These China scholars are crucial for



China's future. Inevitably they will greatly influence and determine China's tomorrows and consequently the future of the world!

Today China's intellectuals are a *disillusioned class*. At one time most supported Marxism and Maoism as the solution to China's problems. But with the great disaster of the Cultural Revolution (1966-76), and the massacre at Tiananmen Square (June 4, 1989), they no longer believe in Marxism.

Giving expression to this lost hope, one China scholar declared recently, "The people of China today are looking for something to believe in!" With this opportunity staring us in the face, a decision was also made to put workers on university campuses to lead Chinese scholars to Jesus.

In 1993 our name was changed to *China Outreach Ministries* (COM), to more accurately describe the new ministry and outreach. The name in Chinese characters carries the meaning of friendliness towards China. As the new structure was developed by the mission, I was appointed Director of Overseas Ministries.

COM's new role involves assisting Chinese scholars in this country in their understanding of and adjustment to American culture, aiding with living accommodations, teaching English, assisting with health needs, and providing

for social events. We evangelize and disciple through Bible studies and discussion groups, as well as provide interaction with other Mainland Chinese believers for fellowship and mutual encouragement.

We publish in Chinese the works of prominent China intellectuals who are seeking to grapple with the application of Christian truth to China's life and culture. We also publish these works in English to aid Christian workers to under-

stand the minds and hearts of these Mainland China intellectuals whom they encounter in ministry. We develop follow-up contacts with those Christians who have returned to China.

In order that the masses might have an opportunity to hear of Christ, COM sponsors radio broadcasts beamed into China daily in partnership with Trans World Radio (TWR) and Far East Broadcast Company (FEBC). We share in special children's programming uniquely designed to speak to the more than 400 million youth of China. Other programs are designed to aid the untrained leadership of house churches in China, as well as the people of the countryside, many of whom are illiterate. They represent 80% of the population.

—Continued on next page, Shearer

Missionary Reports, continued—

Herman Hartzler, EA/K9YEO, Spain

Dear friends,

Furloughs can be times of refreshing. They are also often rather hectic times. Our furlough is nearing its end, and it was both—refreshing and, at times, hectic. Of the four main peaks, three are behind us and the fourth we are laboriously climbing as we approach our return to Spain in September.

The graduation of our son, Ian, from Messiah and his settling into his bird surveying job in a forest in Pennsylvania was an excellent bonding time. Stan and Julie's wedding preparation and the big August 9 event were exciting and precious. Herman's father is now contentedly settled into a seniors' center. So now we are tackling the emptying out of his farmhouse, preparing for an auction sale that will be held in October.

Thankfully God has given safety in

travel, emotional strength in shifting gears from one household to another or from one phone call to another, endur-



ance in facing difficult situations, and health sufficient for each day. Moreover, we have sensed deep joy in seeing our boys, Stan and Ian, blossom. Needless to say, we are very pleased with our wonderful new daughter, Julie.

Another wonderful blessing was God's allowing our path to cross Michael, Elsie and little Jared McComb's path at the candidate orientation for Gospel Mission Union (GMU). We were praying for more workers for Malaga Media Center in Spain where Herman works. The McCombs were asking God where He wanted them. As we met and quickly bonded, God revealed His answers. Please pray for them as they prepare to join us in Spain.

We have traveled over 9000 miles this summer. On September 9 we will fasten seat belts on the plane instead of in the car and hurry to Malaga. My students will be ready to attack their books on September 15, and the team at the Media Center will be waiting for

Herman to pitch in again, too.

Please pray for strength and joy for settling in at home, and reentering our assignments. Your co-workers,

—MaryAnn Hartzler for Herman (EA/K9YEO) and me

—Shearer, from previous page

As we consider the overwhelming multitudes of China, we find ourselves asking, *how will it be possible that these people will ever hear of Christ in their lifetime?* This sobering question should concern the soul of every earnest Christian! Yet, from the mere human perspective it seems impossible.

But God, with whom nothing is impossible, calls on us to work with Him to achieve this impossible dream for China. How wonderful that each of us is called to have a part in His grand purpose!

Today I am responsible for raising support for the several daily radio broadcasts into China, and am a liaison with the Chinese/Indonesian ministry in Jakarta. In addition, I train pastors, and assist churches and mission committees, in planning and conducting mission conferences. My wife, Jan, plans and coor-

dinates children's mission conferences. It is our aim to present not only the work of COM with the Chinese, but also mission enterprises around the world.

God has given us a glorious opportunity to reach mainland Chinese scholars by placing them on our doorstep. The radio broadcasts help us to reach the masses of China. The grass roots work in Indonesia is an opportunity to support an indigenous work with Chinese, in a setting beyond China. There are 1.2 billion people in that great nation that need the saving grace of Jesus.

Sincerely, with 73 and 99,

—Charlie Shearer, WA3FOR

[Ed.— Charlie Shearer received his ham ticket in 1964, licensed as WA3FOR. For the last 10 years, his hamming activities have been directed primarily to those in missions. He and his wife, Jan, make their home at 2005 Market Street Ext., Middletown, PA 17057.]

Bob Seaberg, W3MDM, Elkhart, Indiana

Greetings from Elkhart,

Three of us here at the HCJB Engineering Center in Elkhart, Indiana are working on a tropical, broad-band AM transmitting system. The transmitter is all solid state, 1 kw on AM (which means 4 kw peaks at 100% modulation).

There will be two 500 watt modules joined together, with each module running six FETs in the final. The frequency range will be from 3.0 to 9.0 MHz.

The antenna will be set up for a fairly high angle of radiation, since the effective reception range is from 15 to 300 miles from the transmitter site. However, a problem in the jungle is the dense growth of 150-foot tall water-filled trees which surround the site, causing a distortion of the radiation pattern.

God bless!

—Bob Seaberg, W3MDM

Dave Immel, KE4EW, Waxhaw, N. Carolina

It's been a good summer. As is usually the case, the last day of school seems to signal the "official" beginning of summer for our family. The school routine is replaced with going places and doing things. In recent months we have experienced coolness, heat, anxiety, weariness, stress, excitement and fulfilling times.

We wasted little time in getting on the road. Our three week adventure to Colorado in early June went well. Coolness as we drove west, heat as we drove east. We felt a bit of anxiety as we met new friends and got ready for presentations. Weariness as we were on the road almost everyday. The excitement of "being there" at a Colorado Rockies baseball game. Fulfilling times as we visited and shared with friends and family. And, to balance things out there was the stress of having to deal with a failed water pump on our van as we came through Nashville on our way home.

The second summer adventure took Patsy and the girls to Washington, DC in mid July. The Youth For Christ sponsored "DC/LA 97" superconference gave them six full days of seminars, challenging speakers and plenty of live music by top Christian groups. According to the girls.....

"There were a lot of totally awesome things that happened in DC but to tell you about all of them I'd have to write a book" (Kristen)

"I was super glad that I got to go along this trip because I wanted to learn about how to share Christ with the people on my campus and I also had heard some of the speakers before and was anxious to hear what they had to say this time.... The conference turned out good with a total of over 22,000 youth attending" (Amanda)

"All the speakers were really great! They encouraged me spiritually. Some

of them were really funny like Reggie Dabbs and Ken Davis" (Heidi)

"Awesome!! If I felt privileged to be a part of DC 97. Seeing over 22,000 kids worshipping, praying, learning and receiving training for sharing their faith gave me a feeling of hope for the future" (Patsy)

Early August took us to Ohio. We paid a visit to the JAARS "Mission at the Airport" program at Kidron with family and friends. Now that we are back, we'll be focusing on getting geared up for school again.

Invaluable, that's just one of numerous words we have to use when we think of you all out there who are such a faithful part of our ministry. As we visited, we were reminded of how important and valuable friendships are to us. We needed to hear the words of encouragement that were passed on to us, as well as the assurances that we were being prayed for. We continue to count it a privilege to serve Bible translation here at JAARS. Yes, it was a short and busy summer. Thanks for your prayers, encouragement and financial support!

JAARS highlights.... On July 11th a ground breaking ceremony took place on the JAARS center. After the first shovels of dirt were turned bulldozers went to work on what eventually will be a new 30,000 square foot Language Services Center. The new building will house our Telecommunications department, International Computer Services department and translators researching and writing translation helps. Currently, these three functions are scattered over the center in different buildings and trailers. Once integrated, efficiency and productivity will be given a boost. Information will be available from one location to hundreds of translators around the world. Matters ranging from access-

ing language data and radio communications to removing ants from a laptop will be dealt with from one location.

Question.... Where do you buy a used turbocharged Cessna 206 aircraft to modify and equip for serving overseas?

Answer.... There just are none to be bought—anywhere. Even damaged aircraft of this type are about impossible to find. However, our "investigators" discovered what remained of a wreck (about one-fourth of the airplane) in Alaska. This, along with two other damaged Cessna's from Papua New Guinea, will be made into one, like new, serviceable airplane when our shop here finishes with it. It will then make it's way to join the aviation program in PNG.

—Dave Immel, KE4EW

Charles K. Roswell, 3A2MJ/K2MGL, Austria

Greetings from Vienna,

I am with Trans World Radio, working in Vienna, Austria since May, 1996, when we moved from Monaco.

We are living in a sixth floor apartment in the nearby town of Modling. We have a balcony from which, hopefully, I will be able to hang a dipole! Amateur radio propagation from here should be a little better than in Monaco, where we were surrounded on all sides with mountains.

The work I do is "Frequency Coordination." This means: propagation studies, frequency searches for short-wave broadcasting, coordination with TWR programming and various transmitter outlets, and monitoring of the success of the broadcasts by remote monitoring stations as well as human monitors.

Pray for Barbara and me as we continue to get established in an apartment/home, get used to a new work environment, new language, and new culture. I was exposed to German in 1962-63, but little remains after 35 years!

73 and 99,

—Chuck Roswell, 3A2MJ/K2MGL

From our members, here and there

Dale McMindes, KA4HBW/DL1MHV/S29DM

Greetings fellow ARMS members,

Just a note to let you know that we have recently been transferred. I was stationed in Munich, Germany, with the Voice of America radio and satellite service. From Munich, we were able to cover from the east coast of the US, Africa, Europe, Russia, the CIS states and Asia down to India and to the Philippines.

My wife and I are now stationed on the Island of Sao Tome, off the coast of West Africa. Voice of America set up a relay station here after Liberia went to civil war in 1990. I'm the transmitter

plant supervisor here. It's sure a big change from Germany.

My wife and I have been married 32 years and have worked with two mission groups, Gospel Missionary Union and Trans World Radio, a Christian College, and have done Bible studies, Sunday Schools and preaching in native churches as we have lived in such places as the Bahamas, Bonaire, the U.S., Antigua, Botswana, Liberia, Germany, and now on Sao Tome.

Sincerely in Christ and 73s,

—Dale McMindes, KA4HBW/
DL1MHV/S29DM

Duane Mullet, WBØNCN

I work for the International Atomic Energy Commission (IAEA) out of our headquarters in Vienna, Austria. I retired in 1990 after 28 years at the Rocky Flats nuclear weapons plant near Denver. We are good friends of ARMS members I. J. Tharp and Julian "Mac" Pike when we all lived in Boulder, Colorado.

I spend from three to four months each year in the Far East inspecting nuclear facilities, primarily in Japan, but also in South Korea and Taiwan. We have inspectors in North Korea as well, but I haven't had to take part in that. I am writing to you from my hotel room in Okayama, Japan. There is a chance that I will be transferred to the Tokyo office by the end of this year.

My wife Jan is with me in Vienna. We both would rather be back in the good old U.S.A. With five grown children and 16 grandchildren there, we try to get to the U.S. as often as we can. When I am in Vienna, we attend the Vienna International Chapel, which is a mission outreach to the international community

there. In Tokyo, I attend the Musachino Chapel, an Evangelical Free Church.

When I first settled in Vienna, I succeeded in making some contacts on 10, 15 and 20-meters. I used a mobile antenna mounted on our balcony railing. I was able to work all over Europe and even Israel, but not much luck with U.S. contacts. Because of tight restrictions on apartment dwellers in Vienna, it is not possible to put up even a good vertical. Here in Japan, on the other hand, there are cables and posts hanging and mounted everywhere. It's quite junky looking, but maybe, if we end up here next year, I will see what the possibilities are. You may hear me on the air from Tokyo one of these days.

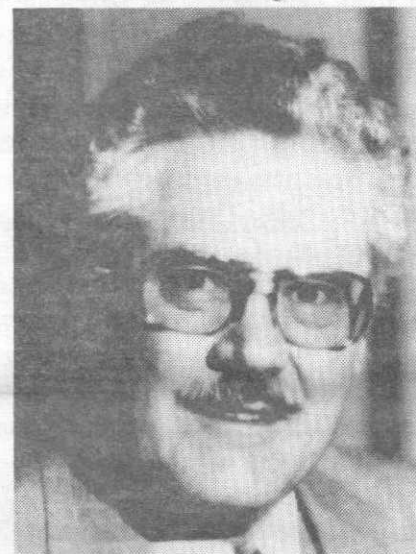
Thanks for all you do in having a Christian presence on the ham bands and for your faithfulness in getting The BEAM out. I'm not a missionary (in the professional sense), but I do appreciate the work that you all are doing.

In Him,

—Duane Mullet, WBØNCN

Dick Harris, K7VCD

We recently got a note from Dick Harris, K7VCD. Dick was one of the five original founders of ARMS in Philadelphia over 40 years ago. Of the five, two have gone to be with the Lord. The other two remaining co-founders are Doc Mierop, K2JEI, one-



time president of the Philadelphia School of the Bible and now retired in Quarryville, Pennsylvania, and Bob Matthews, W3BBM, still pastoring the church he founded in Wilkes Barré, Pennsylvania 60 years ago! Doc was the first president of ARMS, Bob was the first vice-president, and Dick served as its first treasurer.

Four years after ARMS was founded, Dick Harris moved to Seattle and has been on the west coast ever since. But before he left the Philadelphia area, he made several significant contributions to ARMS. He designed the familiar ARMS shield logo, and he was responsible for suggesting Galatians 6:10 as the ARMS motto.

Today Dick is the projects engineer with Salem Communications Corporation in Seattle. —♦♦♦—

From our members, continued—

Chuck Brockmeyer, WØETA

Things have been difficult for Timmie and me over the past year or so. Timmie has been suffering from high blood pressure for years, and her arthritis and diabetes have been getting worse. Her blood pressure was going up and up, and her kidneys were not functioning as they should.

The doctors decided that she needed to have an angiogram, so in July she spent several days at the Columbia-Swedish Hospital. Following that her blood pressure dropped quite dramatically, and she feels much better.

On top of all this trouble with Timmie, last October I fell down the

basement stairs and tore the rotator-cuff off my left shoulder. Ten tendons were torn loose, and the surgeon could find room to re-attach only nine of them. As a result I have become very well acquainted with a very nice physical therapist. After nearly a year of therapy it is almost back to normal.

Now that things have calmed down a bit here, I hope to check into the ARMS Net on 20-meters on a more regular basis. I miss hearing the familiar voices on the air. I trust band conditions are starting to improve.

Take care and God bless,

—Chuck Brockmeyer, WØETA

Gene Reynolds, W3EAN

Just a brief note to bring you up to date. I read with interest the article in The BEAM about the old piece of equipment that Harold, KI5KF, found at the junk yard. A possible source of information on that might be "The Old Timer's Bulletin" put out by The Antique Wireless Association, Inc., Box E, Breesport, NY 14816.

Last December I suffered a small stroke while I was in Florida, but was back in Pennsylvania for the summer. Since my cellar radio room is being renovated, I am not on the air right now. But after things get organized, I hope to be able to check into the ARMS Net from time to time.

Thanks to all,

—Gene Reynolds, W3EAN

Daniel Allen, WA1QFM

I have been an amateur comet-watcher for years. I have seen a number of them, but at best they just looked like little, fuzzy blobs. I never could get a view of the proverbial "tail." Then Comet Hale-Bopp arrived.

At first, it, too, was a small, fuzzy blob, but as it became more and more visible, I saw that this one had a real tail! I resolved to try to photograph it if at all possible.

My first results were disappointing. I got lots of strange pictures. But after experimenting with various film speeds, apertures and time exposures, I finally succeeded.

The photo shown below was taken at 5:00 AM, with ASA 400 film, at f3.5, for 90 seconds. Because the camera was mounted on a tripod without the capacity to "track" the im-

ages for that length of time, the stars show up as short lines rather than points of light. In fact, the comet itself appears to have a flat or broad leading edge for the same reason.

Just above the comet there is a faint, horizontal white line with evenly spaced dots along its length. This is the track of a high-flying jet with its strobe light blinking every second or so. I was delighted with the result.

The heavens are telling the glory of God; and the firmament proclaims His handiwork. Psalm 19:1

73 and 99,

—Dan Allen, WA1QFM

From our members continues on the next page—

Treasurer's Report

Balance, June 1, 1996	1022.49
Receipts:	
Dues	1443.85
Gifts	561.50
Pins and tracts	61.00
Interest	18.53
Total	2084.88
Disbursements:	
Printing	1069.07
Postage	345.19
Service chg.	10.00
Canadian exch. fee	5.60
Total	1429.86

Balance, May 31, 1997 1677.51

—Robert J. Hambly, WA7BYD, Treasurer



From our members, continued—

Steve and Lynn Williamson, KJ7IR and KC7BUL

It's hard to believe we have lived in Alaska for one year now. A lot has happened and things will continue to change. Brandon and Courtney have adapted far better than we or they thought they would. It has been good for all of us.

As you may recall, we had planned on making an eventual move from helicopters to airplanes. This summer, I quit my helicopter company, and am now flying airplanes in western Alaska. It's a good starting place for breaking into this new career path. I fly an 8-seat single-engine plane in Bethel. Pay is fair, and I fly more than 100 hours per month. We service about 50 villages in the Bush. Since there are no roads, and often no rivers, *everything* moves by air. Flying is busy, but lots of fun. I have not had this much fun flying in many years. Airstrips are gravel. Planes are equipped with GPS (satellite navigation), Loran, and conventional navigation gear. During low visibility, it is easy to miss an airstrip.

The purpose behind this career change, is that in rotors, I'm not able to go home for months at a time. Now I work 20 days on, with 10 days off. I think within a couple years, I can fly out of Anchorage, and be home at night. (What a concept...) Too many years of living out of a duffel-hag, makes me want to be home with my bride.

The winter time will be challenging, but this is the experience the major air-carriers in Alaska want.

Yes, the rumor is true. We finally have a computer. I'm scared of the thing, but Lynn is fearless and unafraid. Don't ask me any numbers. All I know about it, is that it's white and 486. I feel like I'm circling a snarling poodle. Don't know whether to flee or pounce. Here's Lynn:

Enough from Steve. Honestly, someday he has to come out of the stone age and learn to use this. He claims he's totally computer illiterate and happy to be so. We do have an e-mail address for those of you who would prefer to send mail that way. Please send us your address also. Our e-mail address is: lswilliams@aol.com. We were hoping for some snazzy screen name but every name we wanted was already taken. So for now this is it.

We have had a great summer so far. Alaska has been very warm. The last two weeks (July) we have been in the mid 80's nearly every day. With the sunshine nearly round the clock you couldn't ask for a better summer.

We just got back from a camping trip in Denali and Fairbanks. We took the 2-meter rig along. Since Steve is out in Bethel most of the month, he is hoping to set up his rig there soon.

Take care and God bless,

—Steve and Lynn Williamson, KJ7IR and KC7BUL

Don Bix, K3RYV

Recently Adele and I had the opportunity to drop in on Betty Van Saun. Betty is the widow of Leonard Van Saun, Van. I'm sure many older ARMS members remember that Van, W2RJQ was a charter member of ARMS, held many offices in the organization, and was the originator and long-time editor of *The BEAM*.

Betty resides in a Baptist home in Riverton, New Jersey.



Betty Van Saun with Don Bix, K3RYV

She seems to be very comfortable and content there. It's a beautiful place on the shores of the Delaware River. Betty appears as lively as ever. She has bouts with arthritis, but it does not seem to slow her down. She asked about many of the "old" members of ARMS and asked to be remembered to the whole gang.

For anyone who would like to send Betty a note or maybe a QSL card, her address is:

Betty Van Saun
303 Bank Ave.
Riverton, NJ 08077

Because of her keen interest in ARMS, I suggest that Betty be made an honorary associate member of ARMS.

—Don Bix, K3RYV

Help wanted!

One of the services that Barbara Oppenheimer, AA7IV, (see silent keys, page 15) provided for ARMS was to make a tape recording of the text of each issue of *The BEAM* and send copies of it to our members who are blind. I think there were three or four recipients of her service.

Now we need someone to pick up this ministry. If you have access to a tape recorder and tape copying equipment, perhaps you would like to take this on. If so, contact me and I will fill you in on the details.

—Dave Shortess, W5PQL, *BEAM* editor

From our members, continued—

Parks Squyres, W7PKS

This has been another busy year for us with travel and working on our new house and ranch. Last year we traveled to Bonaire with two friends from our church. We really enjoyed this tropical island and all the fish and parrots that live there. We stayed in a beautiful house provided by Trans World Radio. I was able to help

TWR with some problems with their 500,000 watt transmitter. We made some good friends at TWR and we would like to go back to Bonaire sometime in the future.

We are enjoying our new house up on the hill-top outside of Medford, Oregon. It's a great hamming location! I finally have been able to get some gear together and an antenna up and have

been able to check into the 20-meter net a few times.

The company that I work for has had a very good year. I have had to travel back east several times plus most of the west coast this fall on engineering projects. I really enjoy my job and was granted four more patents this year.



Right now Wanda and I are planning a trip to Quito, Ecuador to help out at HCJB. It looks like we will be there for part of October and November. It will be interesting to see how they are progressing with their plans for their projected move.

You might also note my new call. I used to be WA7TZW.

—Parks Squyres, W7PKS

Neale Thompson, KØLHJ

Warmest greetings in Christ Jesus,

With our crowded living situation, it is not possible for me to set up my station right now. This will change some day, but for now, I just need to be patient and enjoy those blessings in life that the Lord gives.

Jutta, the family and I are well. We have not had any major crises. Oh, there certainly have been trials, tragedies, and deep heart aches, but we just turn them over, talk them over, and pray them over, and the Savior continues to enable us to keep going each day with thankful hearts. I am prayerful that this finds you all safely in the Father's keeping.

Yours in our Lord's service,

—Neale Thompson, KØLHJ

Ralph Edwards, KD7IE

Greetings to all the ARMS members,

Things have been a little difficult here in Bremerton lately. On April 5 of this year I lost my wife to cancer. We had been married for 49 years. It's not easy to make that kind of adjustment after so long.

I am attending a cancer support group here at our local hospital. It is led by Rev. Belcher, the hospital chaplain. It helps a lot, but nothing can take the place of the real thing. But God is good, and in time healing will take place.

May the Good Lord bless,

—Ralph Edwards, KD7IE

1 Corinthians 13, cross-culturally

If I speak with the tongue of a national, but have not love, I am only a resounding gong or a clanging cymbal.

If I wear the national dress and understand the culture and all forms of etiquette, and if I copy all mannerisms so that I could pass for a national but have not love, I am nothing.

If I give all I possess to the poor, and if I spend my energy without reserve, but have not love, I gain nothing.

Love endures long hours of language study, and is kind to those who mock his accent; love does not envy those who stayed home; love does not exalt his home culture, is not proud of his national superiority,

Does not boast about the way we do it back home, does not seek his own ways, is not easily provoked into telling about the beauty of his home country, does not think evil about this culture;

Love bears all criticism about his home culture, believes all good things about this new culture, confidently anticipates being at home in this place, endures all inconveniences.

Love never fails; but where there is cultural anthropology, it will fail; where there is contextualization it will lead to syncretism; where there is linguistics, it will change.

For we know only part of the culture and we minister to only part. But when Christ is reproduced in this culture, then our inadequacies will be insignificant.

When I was in America I spoke as an American, I understood as an American, I thought as an American; but when I left America I put away American things.

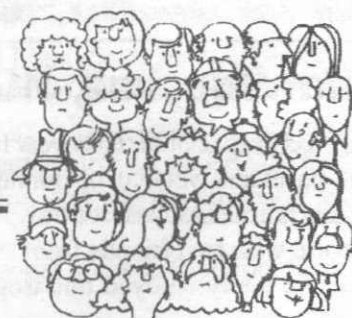
Now we adapt to this culture awkwardly; but He will live in it intimately; now I speak with a strange accent, but He will speak to the heart.

And now these three remain: cultural adaptation, language study, and love.

But the greatest of these is love.

—Author unknown

Section Reports



Eastern Section

Amateur Radio and missionary communications have sure changed since the ARMS net was founded 40 years ago. We here in the Eastern Section have done a few things to continue to have a missionary emphasis even though actual missionary communication is more by e-mail than radio.

About once a month I send out via e-mail a prayer request sheet that includes missionary and other prayer re-

quests. If you would like to receive the list or have things to add please let me know.

The first Monday of the month we ask each check-in to mention a certain missionary they know or support, a little about their work, and any prayer requests they might have from this missionary. It was so wonderful when prayer was answered concerning Ray Rising. Praise the Lord!

Yours in Christ,

—Larry Hodge W2PT

Northwest Section

The news from the Northwest finds Ed, AA7GM, now living in Eugene, Oregon, where his wife Dottie is in a nursing home. Ed had not been able to get back on the air for a while, but now has a minimal antenna and we hear him on 75 some Thursday mornings.

Ren, N7FMD, received good news on the cancer treatment he was taking in San Francisco. Apparently the cancer is in complete remission. But he has had some other problems he is working through, and this was complicated by a fall Virginia had. She is now back on her feet again—literally, but Ren is confined to a wheelchair. We hope that that situation is only temporary.

Ralph, WB700L, has gotten a dipole antenna up on 80-meters, so now we can hear him better on the Thursday morning Northwest Section ARMS Net.

Bill, KI7XT, now has an amplifier he added to his ham station. He should be a little louder now.

Al, WA6SBC, in Grants Pass, has been recovering from lung cancer and has not been able to get back on the air. Don't forget us, Al.

Ralph, KD7IE, in Bremerton, lost his wife on April 5, 1997. We hope he can join us again on the NW Net soon.

Barbara, AA7IV, one of our long-time ARMS members became a silent key on July, 21, 1997. We sure miss hearing her cheery voice on the air.

As propagation improves, we should see increased interest in our sectional Nets as well as on 20-meters.

73 and 99,

—Bob Hambly, WA7BYD

Southeast Section

The Southeast section had its third annual get-together May 17, 1997 at J&S Cafeteria in Pigeon Forge, Tennessee, in

pher and D.J. played ball in the park while the grownups had their QSO's.

All in all it was a wonderful day, the weather was perfect.



From left: Denis Parker, WD4ACH; David Stallard, KE4KKC; Kathy Stallard; Bob Kurtz, WA2CYO; Joan Kurtz, KA2KJO; Edelle Newell; Andra Parker, KD4CLF; Earl Newell, WA4ZIZ; Faith Waltke; Diane Howington, KD4VZT; Christopher and D.J. Howington; Bobby Howington, KC4ERT

the foothills of the Great Smoky Mountains National Park. There were 13 of us in attendance.

The food and fellowship were great, and a trip to Patriot Park by the Pigeon River was beautiful. We played with the new Ten-Tec receiver kit that David, KE4KKC built. Bobby and Diane KC4ERJ, KD4UXT, children Christo-

If you have not attended one of these annual get-togethers please plan to meet with us next May at Mount Mitchell State Park on the Blue Ridge Parkway near Asheville, North Carolina. More details will be forthcoming, so watch The BEAM.

73 and 99,

—Denis Parker, WD4ACH

Section Reports, continued—

Midwest Section

The Midwest Section of the Amateur Radio Missionary Service met together in Christian fellowship Saturday, August, 16, 1997, at Cedar Rapids, Iowa. Early arrivals went to the home of host Tom Haskins, AAØLF. Tom and Section Director Arnie Kokischke, WAØDFT, served as talk-in operators

Messages were read from Elaine, WBØEJA, and JR, WBØEJB, and from Glen, WØEYL; Bob, WA7BYD; Roger, NØGRX; Russ, NDØB; and Howard, KBØAGC. Glen mentioned that although he is in a senior care center, he has a rig on the air and does check into the ARMS nets from time to time.

Arnie brought up the possibility of a section directory to bring the various interests to the hams in the section to the members. He agreed to coordinate

and Chaplain, Neale Thompson, KØLHJ.

Arnie talked about "stealth antennas," fine wire "L" antennas used with a tuner and tuned with a noise bridge without transmitting a signal while tuning. It is very neat, very useful, and very stealthy!

The program for the afternoon involved a tour of the Herbert Hoover Library and Museum in West Branch, Iowa, conducted by a cousin of Barbara, XYL of KØOAV. It turns out that Herbert Hoover held one of the first amateur radio licenses in this country, and the museum included some old radio gear, but not Hoover's original rig. Very interesting.

—KØOAV, Don Berggren, acting
section secretary



In front: Arnie, WAØDFT. Standing, from left: New member, not identified; Tom, AAØLF; Francis, WØQCB; new member, not identified; Jerry, WØGPX; XYL of WØGPX; Dorothy, XYL of WAØDFT; lady in back, not identified; Louise, XYL of WAØNPH; Russ, WAØNPH; Dottie, XYL of KØGAZ; Jay, KØGAZ; Don, KØOAV; Barb, XYL of KØOAV

on 2-meters.

Those gathering at Tom's home then travelled to the Royal Fork Buffet in Cedar Rapids for lunch and the annual meeting of the section. There was a great selection of food and it was in ample supply. Furthermore, they were able to provide us with a separate meeting room, which was more than satisfactory.

The meeting was called to order by Midwest Section Director Arnie, WDØDFT, who welcomed the seventeen people present. He thanked Tom, AAØLF, his dad, Howard, NØRSK, and Francis Finck, WØQCB for their hospitality and preparation which had gone into making this get-together a success. Jay Sudenga, KØGAZ, opened the meeting with prayer.

the effort. While QRM on the Saturday 75-meter net frequency has been a problem, it was decided to leave the time and frequency as is at 0830 central time at 3905 kHz.

All of the current officers agreed to serve another term. They are: Section Director, Arnie Kopischke, WDØDFT; Vice-Director, Don Berggren, KØOAV; Secretary, Elaine Wigen, WBØEJA; Net Manager, Karl Koppelman, WAØTFC;



Central Section

Our Central Section Net is not doing too well. Although we have about 15 that could check in when possible, we have only a few on Saturday mornings now. We have not been able to get together for an eyeball meeting for several years. We miss Harry, W9KWJ. He was the backbone of our group.

I regret to advise that I am no longer able to fulfill the duties of Central Division Director and net control. I have no one to offer as a replacement. I now find myself not available at that time of morning. My wife's condition is stable but requires considerable help and I never knows what to expect when I go to see her in the morning.

Fortunately she seems content and has the joy of the Lord in her heart in spite of the sometimes not too pleasant environment of a nursing home. In it all God has been faithful and we have much to be thankful for. Maybe she will hang in there a few more months. Then we will have had 60 yrs together.

Yours in Christ,

—Eric Frank, W9OVY

Section reports continue on the
next page—

We welcome our new members!

Paul Berggren, KBØOWN
605 38th Ave., S.
Moorhead, MN 56560

John O. Durham, Jr., WD4MFT
2933 County Rd. 252
Wellborn, FL 32094
E-mail: jdurham2@juno.com

Ronald Durie, WB4OOA
7715 Radin Road
Waxhaw, NC 28173
E-mail: ron_durie@sil.org

Ruth Durie, KE4VWI
7715 Radin Road
Waxhaw, NC 28173



David Fenderson, KBØSTE
16342 Otter Ave.
LeMars, IA 51031

W. Jan Hattala, N7WJ
19661 S. Sonita Hwy.
Vail, AZ 85641

Paul E. Hershey, WA6FHT
1384 N. Second Ave.
Upland, CA 91786

Stan Poeschel, KD6WZA
P.O. Box 155
Happy Camp, CA 96039

Betty Van Saun (Associate)
303 Bank Ave.
Riverton, NJ 08027

Note the following new calls:

Mike Wilson:
KA3CMV → NM3O
Al Heath:
W6UZF → AC5OA
Parks Squyres:
WA7TZW → W7PKS
Don Pettit:
KAØCEZ → KK7HH

Section Reports, continued—

Southwest Section

In the Spring, 1997 issue of The BEAM we published a report of the February gathering of the Southwest Section at Denny's Restaurant in Phoenix. Since that time, we have received some photos of that event, so we are including them in this issue.



You may remember that Ed Casteel, YB8AUA/KB7JYD, was the guest

speaker at that get together. He and his wife are missionaries in Indonesia and were home on furlough at the time. It has been good to hear Ed check into the 20-meter ARMS net from Indonesia from time to time. It isn't particularly easy for him, since the net starts at 10:00 PM his time.

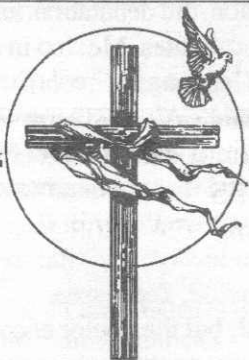
Recently Ed has requested prayer for rain. The monsoons are long overdue, and the extended drought has created havoc from heavy smoke from extensive forest fires on the islands.

The smoke covers a huge area, producing severe health problems as well as navigation nightmares for ships and planes alike. In addition, the people are running out of food, so famine is an ominous threat as well. Ed also asks for prayer for the Lord to raise up leadership from among the Indonesian nationals.

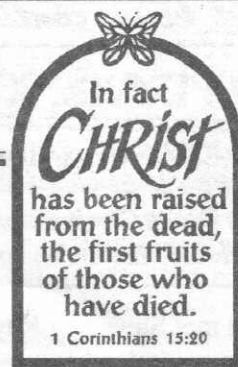
—Charlie Cox, K7AQ



Top: the Casteels: son Geoff, at New Tribes Institute, Waukesha, WI, Jeanne and Ed
Below, from left: Don, KØOAV, and Barb Berggren; Gordon, VE7BQA, and Leone Tiessen; Dottie Sudenga; Charlie Cox, K7AQ; Jay Sudenga, KØGAZ; Emily Cox; Bill, KA7BRU, and Fanny Russell; Janice Lewis; Jeanne Heath; Vern Lewis, KC5FGJ; Al Heath, AC5OA; Ted Willis, AA7HX; Bob Olson, WV7P; Ann Willis; Dare Hough; Eva Polmanteer; Harley Sykora, KØLNJ; Ed Polmanteer, W8ED; Bernice Sykora (Photo by Dan Hough, KA7BHS)



Silent Keys



Barbara Oppenheimer, AA7IV

And we know that all things work together for good to them who are the called according to his purpose.

Romans 8:28

Barbara Oppenheimer, AA7IV, went home to be with the Lord on July 21, 1997, from complications following cancer surgery. She was living in Seattle at the time.

She was born Barbara Nelson on November 29, 1926, in Lynden, in north-west Washington. She grew up in nearby Blaine, on the Georgian Strait and the Canadian border, and had a love for the water ever since. She moved to Seattle after she graduated from high school. She has a brother who still lives there.

She met her first husband in Seattle and became Barbara Richardson. They moved to Imperial Valley, California where they raised three girls and two boys. There are eight grandchildren today. However, alcohol problems were irreconcilable, and after their children were grown and on their own, Barbara and her husband were divorced.

She moved to northern California and eventually to Grants Pass, Oregon where her daughter lives. Through a

mutual friend, she met Pete Oppenheimer, an architect who lived in Florida aboard a fair-sized sailing boat. They began to correspond. In the meantime, she moved back to California, to the Los Angeles area. Eventually letters gave way to phone calls, and on August 8, 1986, Barbara and Pete were married and lived on Pete's boat in Florida.

As they moved around coastal Florida, following work, Barbara became acquainted with a lot of fellow boat-dwellers. Because many of them travelled around quite a bit on their sailboats, a number of them were hams. One of the wives, an airline flight attendant, told Barbara that she needed to get her license. So she bought Barbara some books and told her to get with it. Within a year Barbara not only had her ticket, but had upgraded to extra class. One day she was looking over a publication listing nets across the country. She noticed the ARMS Net and decided to check in. She was with us ever since.

When Pete retired, the call of the northwest was still strong, so they decided to move back to Oregon, first to North Bend on the coast and eventually to Grants Pass. Through a series of circumstances, out of which Pete accepted Jesus as his Lord and Savior, they moved to Seattle. They were close to the water once again.

Barbara not only checked into the 20-meter ARMS Net, but was a consistent regular on the 75-meter Northwest Section ARMS Net. It was always refreshing to hear her cheery voice, or, out of consideration for her late-sleeping husband, her clear, consistent CW.

Whether on phone or CW we could always count on her "trademark" scripture verse, Romans 8:28: "And we know that all things work together for good to them that love God, to them who are the called according to his purpose." Barbara sincerely believed and did her best to live by that verse.

—Pete Oppenheimer

Jack Huey, KØUED

Jack Huey, KØUED, is at peace. After many years of valiantly struggling against chronic obstructive pulmonary disease, asthma, bi-polar mental disorder with anxiety attacks, sleep apnea, congestive heart failure and Parkinson's syndrome, Jack passed to his eternal home on April 13, 1997. He was 71 years old and was a veteran of WWII.

He was a most congenial fellow and a loving, caring husband. Jack enjoyed hiking, biking, camping, and travelling. We had many opportunities over the years to share these activities. In recent years, however, his illnesses curtailed much of that as well as his social contacts.

His many friends will miss him, as will I. His expressed desire was to have his remains interred with his fellow GIs at the Fort Logan Military Cemetery.

—Sincerely, Rowena Huey (Jack's wife)

Ossie Sergeant, VE3CNI

Word was received via VE3NVJ that Ossie Sergeant, VE3CNI, of Ottawa, Ontario, Canada, went to be with the Lord on Sept. 7. Although Ossie wasn't a regular member of ARMS, he was an active checkin to the Eastern Section Net.

Ossie was a retired employee with the Canadian federal government, working as an electronic consultant. In addition, he enjoyed playing the piano and organ, and collecting stamps. Please pray for his wife, Ina, and his 2 sons, Brian and Bruce.

—transmitted by Mike Rafferty, AAØAO

Silent keys continued on the next page—

Steve Davis, XE2AAG/N4HUE

On August 30, 1997, Stephen M. Davis, XE2AAR/N4HUE, age 49, went to be with his Lord. The following is from an article by Ernest Gambrell, president of the Fundamental Baptist Worldwide Mission, under which Steve and his wife served.

I first met Steve and Kay Davis in April of 1986. I was preaching a mission conference at Trinity Baptist Church in Warrenton, Virginia. One evening during the conference, I had preached a message from 1 Kings 19 and 20 entitled, "What Doest Thou Here?" Later Steve and Kay approached me and expressed a desire to talk with me.

Steve shared his background. He had grown up in a Christian home and had made a profession of faith. After graduating from high school, he joined the Navy. While in the Philippine Islands, he came under the influence of the Gospel and realized that he had never been saved, but had only gone through the motions. Reading 2 Corinthians 5:17, Steve was convicted of his sin and realized that he had never become a new creature in Christ. At that time, he received Christ as his Savior.

After leaving the Navy, Steve enrolled in Tennessee Temple University in Chattanooga, Tennessee in 1971. He told me how God had spoken to his heart while at Temple about being a missionary. However, he pushed that message aside and after leaving Temple, he went to work with the United States Department of State, assigned to Zaire, Africa.

He told me that that evening God had clearly spoken to both him and his wife, Kay, through my message. He thought of all the preparation he had made to serve the Lord at Temple. He said that the question, "What Doest Thou Here?" spoke directly to his heart! That afternoon, both he and his wife surrendered to serve God on the foreign field and made that decision public in the evening service.

During our visit, Steve related that he had a disease called *primary sclerosing cholangitis* and that it was incurable. He wanted to know if that would keep the Mission Board from accepting him. I assured him that as long as he knew he was called of God, and if his pastor and church would commission and send him, that we would certainly accept him, as long as we were in agreement on doctrine and practice.

Steve affiliated with the Mission, did deputation, and went to our language school in Aguascalientes, Mexico in August of 1990. After graduating from language school, Steve and Kay went to Bolivia, South America. About six months after they settled there, Steve had a serious attack of liver failure, a result of his disease. He discovered that the treatment which he needed to save his life was not available in Bolivia. He was flown home immediately to receive the vital treatment at Vanderbilt University in Nashville, Tennessee.

The treatment was successful, but the doctor encouraged Steve not to return to Bolivia or any country where the medical procedure was not available. Should Steve have another attack, he would have 12 hours to receive treatment before the attack would become fatal. We researched the availability of such a treatment, and found that it could be provided in Guadalajara, Mexico, just four hours from Aguascalientes.



Kay and Steve Davis, XE2AAR/N4HUE, and their children, Diane, Stephanie and Seth

After much prayer, Steve and Kay felt that God would have them spend the remainder of his life in Aguascalientes. Steve said that he felt guilty after leaving Bolivia and that he "begged" God to grant him one full term in Mexico. He felt that, if he could plant one church, he would have peace in his heart about taking support and that he would be ready to go to Heaven, should that be God's will. God granted him his request! He and Kay spent one full term (four years) in Mexico and they planted the Bethel Baptist Church there.

Along with working with the church, for the past three years Steve has been the administrator of the Latin American Missionary Training Institute in Aguascalientes. He has helped train a number of Independent Baptist missionaries in the Spanish language and culture. He has also taught classes in the Baptist Bible Institute of Aguascalientes, which was also founded by missionaries with our Mission. Steve and Kay have been profitable in many ways to the cause of Christ in Mexico. Steve's life will continue to bear fruit until the Lord comes.

Steve was one of the finest Christian men I have ever known. He maintained a sweet, kind, and loving spirit. I never heard Steve complain about any person or any circumstance. He was always willing to do whatever he was asked to do if it would help accomplish the goal of bringing the Gospel to those in Mexico. When he should have been home resting (and had every right to do so) he was at the Institute asking, "What can I do to help?" Steve Davis will be missed.

—Ernest Gambrell

E-mail address changes

From time to time we get requests for lists of changed e-mail addresses of ARMS members. To the best of my knowledge these are all the e-mail addresses that have been added or changed since the last issue of The BEAM was published. If you have a new or altered e-mail address, send it to me at dshortess@aol.com. Thanks, Dave Shortess, W5PQL, editor.

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K1RPE	Wendell Lewis	wblewis@mint.net	KA7ZEW	Henrietta Krugler	kfkugler@grtech.com
W2PT	Larry Hodge	lhodge50@juno.com	NZ8H	George Van Farowe	nz8h@juno.com
W3BBM	Bob Matthews	script@tl.infi.net	W8IHU	Daniel Baumgarten	dhbaum@aol.com
KA3DJJ	Floyd Zook	floyd.zook@church.icomm.com	KB8KVU	James R. Grenwick	supremeh@supremehealth.com
W3EAN	Eugene S. Reynolds	genereyn@juno.com	KA8QBW	Donald Yoxthimer	ka8qbw@tso.cin.ix.cin
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N3HWA	Pete Davis	n3hwa@ptdprolog.net	WB8UNB	Vernon Macy	macyv@juno.com
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NM3O	Michael Wilson	mdwilson@epix.net	KA9EIZ	Dale Cryderman	wcryder222@juno.com
N3WWQ	Adam J. Billheimer	adamnelly@juno.com	WB9HOG	Dick Matthews	pastormatt@compuserve.com
WD4ACH	Denis Parker	wd4ach@juno.com	KF9JC	Wayne Kiser	kf9jc@aol.com
KF4BY	Stan Nafziger	74023.211@compuserve.com	KA9KLZ	Art Evans	aevans@mhtc.net
KA4HBW/			W9OVY	Eric Frank	efrank3996@aol.com
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WB4OOA	Ron Durie	ron_durie@sil.org	NØBBL	Mary Rittgers	76774.1402@compuserve.com
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W4PFQ	Bob Henry	adispfj@juno.com	WBØNCN	Duane Mullet	100120.2074@compuserve.com
KO4TS	Jeff Johnson	jeff-deb_johnson@sil.org	WØRQI	Lash LaRue	w0rqi@aol.com
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K5ROV	James Parsons	k5rov@worldnet.att.net	KBØSXM	Allen Elder	frallen@ibm.net
N6GUD	Gordon Blenkhorn	gwb220@flash.net	NØVPF	Gladys Wenner	gwenner@juno.com
WB6NAO	Alvar Platt	aplatt@juno.com	VE5AAP	Don Pederson	ve5aap@sk.sympatico.ca
N7AAG	Charles Winter	cwinter4@juno.com	VE6BAF	Patrick A. Steeves	hsteeves@ccinet.ab.ca
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WB7DZJ	Edward Stortro	estortro@kuentos.guam.com	VE7TRC	Bob Collings	ve7trc%ve7rob@sfu.ve7cc.ampr.org
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AA7GM	Ed Soultis	esoultis@pacnet.net	K2MGL	Chuck Roswell	croswell@twr.org
KJ7IR	Steve Williamson	lswilliam@aol.com			
W7SDS	Mac and Lola Pike	pikej@juno.com			
W7TCN	Warren Davis	nwdavis@juno.com			

Silent keys, continued—

Bill Ziegenfus, K3MOM

Bill Ziegenfus, K3MOM, age 63, went home to be with the Lord on Monday, August 25, 1997. Surviving are his wife, Grace, two married sons, Chuck and John, two daughters, Mary Ellen and Cheryl, and five grandchildren.

Bill was an active participant in both the Eastern Section of the ARMS Christian Fellowship and the Nazarene Amateur Radio Fellowship.

Both Bill and his wife Grace attended Philadelphia Bible Institute (now Philadelphia College of the Bible). While a student at the Institute, Bill was introduced to amateur radio

by Dr. William "Doc" Mierop, K2JEI. Amateur Radio has been part of his life in some way or another ever since.

Bill and Grace have been very active in various ministries of the Nazarene Church. Their son, Chuck, is currently serving the Lord as an associate pastor of a Nazarene church.

It was Bill's desire to further the cause of missions throughout the world. Therefore, the Ziegenfus family requests that any money sent for Bill's memorial be sent to: Nazarene Amateur Radio Fellowship, c/o Jim Cottle - KA9EZE, 364 Bart Drive, Antioch, TN 37013. Bill wanted the money to go for radio equipment for missionaries who were unable to purchase their own rigs.

Please pray for Grace and the family.

—Transmitted by Henry Theys, K3DXJ

new. The stranger was a welder from the United States—a construction volunteer who, without being asked, had decided to go to Cameroon to help. God works in miraculous ways!

This kind of story could be repeated over and over throughout the more than fifty-year history of Wycliffe—God providing people to carry out the singular purpose of the Wycliffe Bible Translators: “to forward in every way possible the translation of the Word of God into all those languages where it is needed.” In all of the years of its existence, Wycliffe has never deviated from that vision.

The Wycliffe (pronounced wick-liff) Bible Translators (WBT) organization was founded by Cameron Townsend (see related story, next page). The name was taken from the 14th century English theologian and Bible translator, John Wycliffe, who predated Martin Luther by more than 150 years. The organization receives no support from nor do they espouse any Christian denomination. Their members come from a variety of evangelical churches in 41 countries.

Wycliffe is a parent or umbrella to the two major arms of the organization. One of these is the support group, the Jungle Aviation and Radio Service (JAARS). We will look into the work of JAARS in another issue of The BEAM.

The other group is the Summer Institute of Linguistics (SIL), the members of which carry out the actual linguistic work. These are the translators, the people who are trained in language structure, syntax, grammar, and all that goes with it. The task to which they are committed requires years of preparation and many more years of work in the field.

In a typical assignment, the translators must first have extensive training in linguistics, obtained at either the SIL

headquarters in the United States, or elsewhere. They must also be relatively fluent in the national language of the country to which they will be assigned. Upon arriving on the field, they need to take time to allow the nationals to become familiar with them, so that they can obtain some cooperation. In most cases the language that they will be dealing with is spoken only. It has no written form.

As the translators gradually establish rapport with the people, they begin to study the indigenous language. While each language is unique, there are, nevertheless, patterns of sound that the translators can recognize. Slowly, they begin to learn this new language.

With the learning of the language comes the development of an alphabet. Some conventional western civilization letters can be used, but often there are sounds: clicks, whistles, grunts, etc., for which there are no letters in our alphabet. This is followed by preparation of


a dictionary and a grammar, setting forth the rules of the language's syntax. Throughout all of this it is important that one or more of the indigenous people be recruited to help with the work.

Once the language has been converted from a spoken to a written form, the task of translation can begin. It is here that the help of a native person is essential, and hopefully that person or persons will have embraced evangelical Christianity by this time. The work usually begins with one of the Gospels. In some cases whole concepts that are presented in the Scriptures are foreign to the people, and so means have to be developed to bridge those gaps.

Parallel to the translation work is the job of preparing materials for teaching the people how to read their new written language. Often many of the people cannot read at all, so they need to be introduced to the whole idea of reading.

It is an arduous task and requires a long term commitment. Even with the advent of computers and modern linguistic techniques, it still takes, on the average, 15 to 20 years for a two-person team to produce an alphabet, a dictionary, a grammar and a New Testament in a new language, not to mention teaching materials and readers to go with it.

And yet, many have undertaken that task, living in hostile environments, often under primitive conditions. As the result of the efforts of those dedicated missionaries, God has brought His Word to hundreds of groups of people, bringing us ever closer to the day when “every tongue shall confess that Jesus Christ is Lord, to the glory of God the Father.” (Phil. 2:11) — • • • —



And he said unto them,

Go ye into all
the world,
and preach the
gospel to every
creature.

Mark 16:15

Unforgettable Uncle Cam

Condensed from an article by Billy Graham with Philip Yancey, in the September, 1986, *Reader's Digest*. Used with the permission of the publishers.

Cameron Townsend looked more like a shy farmer than a world leader. But gentle "Uncle Cam"—as everyone called him because of his warm, easygoing nature—had a dream that made him one of the spiritual giants of this century. His goal was to translate the New Testament into every language on earth. To do this he had to recruit people who could learn hundreds of unknown, primitive languages and then commit them to writing for the first time. In so doing he transformed whole societies. All through the power of The Word.

He was a slender, ordinary-looking man of medium height with a broad, open, freckle-covered face. He spoke slowly, in a calm, even tone. Yet Cam Townsend was the most single-minded man I have ever known. Without fail, every conversation led back to his dream. "Only a person's mother tongue," he would say, "truly speaks to the heart."

Cameron Townsend was born in 1896 on a farm near Downey, California. Lacking money to continue at Occidental College in 1917, he signed on for a one-year stint selling Bibles in Central America. With a \$25 monthly salary and a supply of Spanish Bibles, he took a steamer to Guatemala. On foot and by mule, Cam Townsend tramped the jungles.

One impression overwhelmed him: the broken spirit of the Indians. Human beasts of burden, they were enslaved by drunkenness and the plantation system. Yet Townsend knew their ancient Mayan culture—with its mathematics, astronomy and architecture—had rivaled that of Egypt and Rome. Only one link to it remained among the downtrodden Indians—a curious language called Cakchiquel. But the language was under threat of extinction. It had never been written down, and authorities required that all education be in Spanish. However, sixty percent of Guatemalans spoke only their Indian language. The probing question of one native crystallized his frustrations; "Why doesn't your God speak my language?" Townsend had no answer.

He decided to stay and learn Cakchiquel, devise an alphabet, put the language into writing and then translate the New Testament into it. He gained additional motivation to remain in Guatemala when he fell in love with Elvira Malmstrom, a Presbyterian missionary. The two married and moved to a small Cakchiquel village.

Townsend had undertaken a monumental task. Cakchiquel grammar was immensely complex. A single verb of up to 12 syllables could take on 100,000 possible forms, depending on the meaning. He found some Indians to help

him, pointed a lot and listened carefully. After 12 years of arduous labor, Cam Townsend presented the first book ever published in Cakchiquel, the New Testament, to the president of Guatemala. And in his spare time he had founded five schools, a clinic, a printing shop and an orphanage.

Tuberculosis interrupted Cam's work, but he used the time he was forced to rest in bed to sort out his future. At least 500 tribes—maybe 1000—in South and Central America had no written language. Could he spearhead a movement to bring literacy—and the Bible—to every one of them?

In 1934, at the height of the Depression, Townsend returned to the United States to start the first course in what would become the Summer Institute of Linguistics. Classes were held at an Arkansas farmhouse rented for \$5 a month. He invited all who wanted to learn how to master an unknown language. Two students showed up, but it was a beginning. Later he would in-

corporate the Wycliffe Bible Translators, Inc.

Mexico was selected as the group's first frontier, an improbable choice because of the revolutionary government's crackdown on religion. But in his patient way, Townsend convinced officials that his linguists, committed to literacy and linguistic training, would help the peasant Indian population.

The Townsends moved into a trailer home in Tetelcingo, a backward Aztec town. When Mexico's president Lázaro Cárdenas visited there a year later, he found a plaza planted with fruit trees, a food cooperative and a community dairy. Townsend had organized it all. "This is just what my country needs," Cárdenas said. "Bring all the translators you can get."

Cárdenas became one of Cam's closest friends. "Townsend, you're the only person who ever talks to me about my soul," he once said. Cam's wife died in 1944. When he remarried in 1946, Cárdenas stood as his best man. By then, over a hundred volunteers had signed on with Wycliffe, and Townsend sent them to Peru, Bolivia and the Philippines. With his new wife, Elaine, he moved to Peru and then to Colombia to supervise the work.

Townsend believed that Bible translations could be finished during his lifetime. But as he approached 60, he heard reports of newly discovered languages in New Guinea and the Pacific Islands, 1300 languages in that region alone. Cam

Continued on the next page—Uncle Cam



prayed harder and adopted a new slogan: "Two thousand tongues to go." But that projection proved erroneous too. Linguists discovered new languages by the score—141 in the U.S.S.R., 352 in India, 1738 spread across Africa. In all, a staggering total of 5644 are known to exist in the world today.

In 1965, Cam settled near Charlotte, N.C., not far from my home. He was 69, an age when most people have retired. Not Uncle Cam. He was busier than ever, taking the message of Wycliffe around the world. Cam gave me the biggest shock of all when, at 71, he told me, "The Lord has called Elaine and me to the Bibleless tribes of Russia!" Against all odds, the Townsends had won the friendship of some members of the Soviet Academy of Sciences and got an invitation to Moscow. They arrived in the U.S.S.R. on October 3, 1968, 51 years to the day from Uncle Cam's first trip to Guatemala. Over the next decade the Townsends made

11 trips there, pulling a house trailer through eight different Soviet Republics.

In 1982 Uncle Cam had leukemia. I received my last letter from him on April 13. In it he urged me to accept an invitation to preach in the U.S.S.R. "Billy, you must go!" he said. "God is calling you there. Elaine and I won't be there. I am still very low." Ten days later he died.

Of all the languages in the world which have the Bible, half received it during Uncle Cam's lifetime through his and others' efforts. I cannot judge the Bible's effect on the more than 800 language groups where translators are now at work. I only know what effect the Bible has had on my country, and on me. I've built my whole life around that book, God's word to us. And that's why I think Cameron Townsend may ultimately be remembered as one of the giants of history. Only God knows what might yet result from the legacy of Uncle Cam.

—Billy Graham

—Continued from page 1—HCJB

antennas finished and move the transmitters out from the expanding city of Quito.

At that time there was hostility from some people in the village of Pifo, openly encouraged by a religious leader who was opposed to people hearing what the Bible really said. Some of the wives who lived here in those days tried to hold a children's meeting in a house in the village. A mob appeared at the door and one person ran into the room and carried away their flannel-graph board. However, someone carried word to the women's husbands that they were in danger, and they hurried to their wives' rescue in the station jeep. On the return trip, for reasons unknown to them at the time, they did not take the usual route back to the transmitter site. Later they learned that when the mob left the house, the religious leader had assembled them along the regular route, armed with rocks!

Now, forty years later, we are attending the "Iglesia Evangelica del Buen Pastor" (Evangelical Church of the Good Shepherd) in the town of Pifo. Last Sunday, Pastor Baez ended his message from the third chapter of Colossians by saying that he wanted it to be a missionary church, a church that would send out missionaries to the many villages of Ecuador and surrounding countries that have still never heard the Gospel. What a contrast to the early days! Through the years of opposition, there were those who believed and lived accordingly. They still number in the minority in Pifo, but their witness is very visible and the numbers growing.

We know that God is in control and it could not happen except He allowed it, but we are having to move the transmitting site from this location. All the towers must be gone by the year 2003. That is one of the main reasons for Herb's

visit. This week we will be visiting several potential sites. A suitable site needs to be fairly level, not blocked by nearby mountain peaks, and available for purchase at a reasonable price.

September 7, 1997

The large table in the library of the transmitter building is covered with topographical maps. Probably a dozen or more potential sites have been visited. Some are clearly unsuitable, but there are a couple that show real possibilities.

September 14, 1997

This week the annual members meeting of HCJB World Radio takes place in Quito. Yesterday we took the HCJB board of trustees to visit one of the possible sites for the relocation of our transmitters and antennas. It was to help them understand what the problems are in locating a new site. Many potential sites have been visited, but found to be unsuitable due to mountain peaks blocking transmission in the direction of important target areas. Several sites have been located that would be suitable for transmission, but each has its own unique set of challenges that will affect installation costs or operational costs and other unknowns.

Pray that the Lord's direction will be clearly understood in this matter. Pray for Gonzalo. After studying topographical maps and looking for possibilities, he has been the one to set out with compass and video camera to make the initial visit to these sites. Continue to pray for the Lord's will to be made very clear in this matter. This is a prayer request on a matter that will affect the ministry of HCJB for years to come.

In His service,

—Orbra Bliss, W9GEK