

THE BEAM



Winter 1968

Announcing Additional 20 Meter Net Saturday Morning!

In addition to the regular Tuesday morning net at 1530Z on 14.310, WA6V0R, NCS, announces the calling of a Saturday morning net at 1600Z near 14.310 MC. (He may call the net plus or minus by a kc. or so, depending on QRM.) The turnout on this new Saturday morning net has been excellent and has far exceeded expectations. The main traffic will be moved off frequency and the net used for roundtable fellowship after the traffic has been cleared. Alternate net controls will be appointed later. Meanwhile, Walt, WA6V0R and Claude, W9BNI, will get things rolling on Saturday morning beginning at 11 A.M. EST.

Houghton College Chosen As the Site for the 1968 Annual ARMS Meeting

The Date—June 28 & 29.

Houghton College is located in western New York about 50 miles southeast of Buffalo. Houghton is the home of K2GQG, one of the original and most active ARMS stations. Al Smith, K2CAC, will be the host. Accommodations have been offered at reasonable rates. An outstanding program is being arranged. Plan now to make this one! Complete details will be published in the next issue of the Beam.

Plan Now To Attend.

K5JEF INITIATES MISSIONARY ASSISTANCE NET (MAN)

K5JEF, the amateur radio club station of Le Tourneau College, Longview, Texas meets daily except Sunday on 14.345 Mc. between 1900Z and 2000Z for the express purpose of handling missionary traffic, and to assist missionaries with technological advisement through the wealth of knowledge available through the faculty at Le Tourneau College.

K5JEF is affiliated with ARMS and welcome all ARMS members and other hams to participate.

MED-AID STATION WB4BLK (MEDICAL AID FOR ISOLATED DOCTORS)

WB4BLK monitors 14.250 MHz on the 20 M. band from 1400 to 2200 GMT daily. Also, 21.400 MHz is monitored from 1900 to 2030 GMT. WB4BLK is the net control station for the Intercontinental Traffic Net on 14.330 MHz Monday, Tuesday, Wednesday, and Friday from 1410 to 1500 GMT.

BROWNIE FERRIES BEECHCRAFT TO FIELD

ZP5-Echo-Echo, Merle Brown, New Tribes Jungle pilot, flew a new Beachcraft Muskateer Super 3 back to Asuncion, Paraguay. He ran into all kinds of difficulty and delay along the way, so the trip turned out to be quite an adventure. Brownie thinks of the passage from Isaiah 40:3-5 in connection with the thousands of miles flown to save missionaries from long hours of travel by river or slow train (with wood-burning engines), and even oxcart travel to remote areas; "... Prepare ye the way of the Lord, make straight in the desert a highway for our God. Every valley shall be exalted, and every mountain and hill shall be made low; and the crooked shall be made straight, and the rough places plain: And the glory of the LORD shall be revealed ..."

Brownie, Zulu-Papa-5-Echo-Echo, can be heard on 21.330 Mc. Tuesday and Thursday at 6:30 CST (2430Z).



Al Shannon, OA4WJ, in Quechua dress.

Al Shannon, OA4WJ, has returned to Peru. He is stationed with Don Burns, OA4AH, at Ayacucho in linguistic work with the Quechua tribe. Al is from the Philadelphia area. He was K3DS0 of Mid-Atlantic ARMS when the Lord called him to leave IBM to be a Wycliffe Translator. The Shannons spent last term at the Yarinacocha Jungle Base and Lima.



KOGAX, Jay Sudenga, of Sudenga Industries, George, Iowa, standing beside his Cessna 172, which was donated to New Tribes Mission, the resale of which helped finance the new Beechcraft Muskateer for ZP5EE.

KOGAZ Takes Vacation Trip to Ecuador

KOGAZ, Jay Sudenga and wife, of George, Iowa, mobiled to Miami in November, then took a Braniff Jet to Quito. There they were met at the airport by a number of the HCJB staff, and their host, HC7RT, Roger Stubbe, and engineer with HCJB.

Jay and Dottie were thrilled to see Radio Station HCJB and HCJB-TV, with the World's Highest Tower, nearly 15,000 feet on Mt. Pachincha in the Andes. They even took part in one of the radio programs, "The Mail Bag."

The tour of the hydroelectric plant took them twenty miles back into the mountains at Papallacta where the power is generated and carried over transmission lines to the transmitter site at Pifo. They were there when one of the new 100,000 watt transmitters was put on the air and witnessed the fire flying a few times on modulation peaks, which made it necessary to build corona rings around the final tubes, as one of the changes.

They marvelled at the wonderful engineering project that had to be accomplished to build such a station in those mountains! Jay and his wife were thrilled to see what an undertaking it has been to send the Gospel around the world from the "top of the world," and to realize the marvellous way the Lord is using this station.

W9BNI, Claude, gathered with friends in the shack of K9WJU, Jake, for a carefully planned sked with Pastor John, XW8BQ, in Laos. K9WJU maintained good contact for an hour for this exciting QSO.

Visits Shell Mera And Macuma

They visited some of the other cities in Ecuador and were fascinated with the markets and the interesting old churches. Their best trip was to Shell Mera on the edge of the jungle where the Gospel Missionary Union Bible Institute and the Epp Memorial Hospital are located.

They flew with M.A.F. pilot, Dave Osterhuis, HC7DO, in the Cessna 180 over jungle and rivers for a half hour to Macuma to see Frank Drown, HC7FD. Frank operates Radio Station HCGM (Heralding Christ's Gospel Message). He is working on his hydroelectric plant for needed extra power to operate a more powerful transmitter. The unusual thing about the work at Frank's station is that all this heavy equipment must be taken apart, flown in by small plane, and reassembled.

Jay says he enjoyed the ham contacts with home from Ecuador, and can really appreciate how much amateur radio means to the missionary. Jay continues, "Won't you pray for these M.A.F. pilots? Since there are no roads, it would take a day on foot to cover the distance that they fly in five minutes. They have very busy days, and sometimes make very dangerous trips in bad weather over the mountains. It was really a thrill to meet these fellow ARMS members! I don't think that we would have ever gone to Ecuador, if it hadn't been for amateur radio contacts with HC7RT, Roger Stubbe."

The Encyclopedia of Modern Christian Missions:

This huge volume is a publication of the Gordon Divinity School, released in November. It tells the stories of the 1,400 Protestant foreign missions and related agencies.

Listing the names and addresses of the agencies, the volume is the only comprehensive global directory of mission organizations. It also describes the founding history, philosophy, policies and present activities of the agencies, associations of agencies, missionary training institutions, missions libraries, Bible Societies, national councils of churches, Christian relief agencies, international Christian broadcasters, etc. Each organization tells of its own work. Long survey-evaluation articles introduce the reader to Catholic and Eastern Orthodox missions.

Prayer Requests

"Bear ye one another's burdens, and so fulfil the law of Christ." Galatians 6:2.

Frequently, in the process of handling messages, ARMS members pick up prayer requests from missionaries, as they learn first hand of the needs on the field. Indeed, it is a blessed privilege to be a prayer partner with those whom we serve via amateur radio!

The following are some of these requests that have been brought to our attention:

- Beverly, the xyl of Allen Shanks, WA3EBG scheduled for surgery Feb. 19th.
- Boyce Beacham, of ELWA, undergone surgery for removal of intestinal growth.
- Danny Luckey, son of the president of Houghton College, 12 yrs. old has spinal cancer.
- Larry Swauger, 6 yr. old son of Wes Swauger, JAARS radio technician at Yarinacocha, has leukemia.

The Halo Net—Daily 1900Z 21.390 Mc. WA4PXR NCS

How did the "Halo" net get its name? Don Wennerberg, WA4PXR, of Dufuniak Springs, Florida, who calls the net, tells us this is a long story—it all started when Ron Youngs, WA8GXY was in language school in San Jose, Costa Rica, where he operated as TI2GXY. Ron used to tune up and say "hey-lo" to check the modulation. Then the other fellows of the net to kid Ron would say "hey-lo"—thus it became known as the "Halo" net. Ron is now with radio station HRVR, Tecucigalpa, Honduras.

The article about the AMATEUR RADIO MISSIONARY SERVICE was written by Dr. Wm. Mierop, founder of ARMS.

An "Index of Categories" enables the reader to follow the missionary endeavor of each denomination and mission program in each country. It gives ready access to articles about agencies which specialize in reaching Buddhists, Jews, Muslim, those afflicted with leprosy, miners, sailors, the blind, the deaf, those needing medical attention, Arabs, Chinese, etc.

Although listing at \$25, the volume may be ordered from MISSIONS ENCYCLOPEDIA, Gordon Bookstore, Wenham, Mass. 01984 from the subsidized price of \$18 postpaid in Canada and U.S.A. (\$18.50 to other countries).



Bud Crawford, W4EES, and his family.

"WHAT IS THAT IN THINE HAND?"

Bud Crawford, W4EES, (formerly KOHRV, Rocky Mt. ARMS member) worked for a number of years in the packing and shipping division of the Martin Co. in Denver, where he enjoyed his job as component engineer. Previously, he had a job that gave him experience in electronics. Bud caught a vision of the needs on the mission field in the area of communications and had a growing desire to use his knowledge of radio in the service of the Lord. Bud was accepted by JAARS, and took his family to Waxhaw, N.C., where he would receive orientation in the radio department of the Jungle Aviation and Radio Service.

Shortly after his arrival at the JAARS Center, his skills and experience in packing were called upon to save the day in an emergency to properly pack airplane structure parts for shipment to

the Philippines, urgently needed there to rebuild a damaged plane which served Wycliffe Translators, isolated from civilization by wild and rugged terrain.

Soon it became apparent that the Lord needed Bud at the JAARS Center to serve Him in the Shipping Department, and that the Lord must have brought him there for that purpose to fill the job for which only he was so well qualified. Little did Bud realize during those days with the Martin Company while he was buying and packaging components, with such a yearning to be serving the Lord, that, even then, he was being trained to fill the very position God had in mind for him. Bud is happy in the knowledge that now, as purchasing agent and export manager for JAARS, he is contributing to the kingdom of Christ.

"But It Doesn't Work That Way!"

KOGKR, Charlie Cox of Conifer, Colo. tells us his wife, Emily, recently had a phone call from a Christian friend, saying that she would like Charlie to please contact someone on Kwajalein, so that she could talk to her husband there. Emily tried to explain that it doesn't work that way—that skeds should be made, but her friend insisted it was important, and that she would be over! At 7 p.m. she showed up with two boys in tow. Since she was there, Charlie thought he might as well give it a try. He listened on 15 meters and heard a W4 in qso with a KX6 in the Marshall Islands and broke them to get info. The KX6 called KX6DB on the island radio phone. Then KX6DB in turn got the woman's husband on phone patch!



ARMS member George Bullwinkel, K3UNU/EL8E of Roxboro, Philadelphia, Penna. is now in Liberia as a missionary, working with the Lutheran Church. George was married Friday, January 19th to Marsha Peterson, a missionary teacher at the Totota Lutheran Elementary School. Marsha is from Manistee, Michigan.

From Al Fenner, CP1DC, comes a note to say he is back on the field with an NCX-3 transceiver with 200 watts P.E.P. to a cubical quad from La Paz, Bolivia. Al would like a copy of the Callbook. If someone has an old one lying around, please let him know. His mailing address is Casilla 266, La Paz, Bolivia.

Peruvian Calls for WA5RXK & WA5TZC

Floyd and Millie Lyons, who were guest speakers last summer at the ARMS annual meeting at Goshen, have both received their Peruvian calls. You will hear them on usually around 21.415 from Yarinacocho—Floyd as OA8AT and Millie as OA8AU. Floyd got his ticket while home on furlough. Their Sunday School class in Dallas, Texas presented them with a Swan 350 to take back with them to the field. Floyd, a JAARS pilot, has handled several emergencies via radio, and they would like to know more about ARMS nets and more about how they can reach the various parts of the U.S. for emergencies that arise.

JAARS pilot Bernie May, has a new call, HC1MB and sometimes works from HC1JL. Bernie is known to many of the ARMS group as the DC-3 pilot.

WB6WAD/OA8, Gerald Russell, writes from Iquitos, Peru inquiring about schedules with ARMS for the purpose of Stateside contact with families of their missionary personnel in the work of the Association of Baptists for World Evangelism. Gerald's field address is Casilla 397, Iquitos, Peru.

Edward S. Read, WA1HCK, writes from Guatemala, "the land of eternal spring," and "the heart of the Americas," to let us know his Guatemalan call is TG4SR. He operates from an elevation of 6,000 feet and has received good signal reports from many foreign countries and all parts of the U.S. Ed inquires about where to find ARMS nets, and is anxious to make ARMS contacts for some good fellowship and service for the Lord. Ed is with the Central American Mission, whose headquarters are in Dallas, Texas. Ed's mailing address is Apco. 20, Chimaltenango, Guatemala, Central America.

Note to ARMS Members:

Do you think ARMS should have an additional net on 15 meters in the late afternoon to accommodate missionaries at the end of their work day and yours when more are able to get on the air? Please let communications manager, K2AX0, know if you would be available to participate about 2300Z or 2400Z.

MISSIONARY SCHEDULES

ADDITIONS AND CHANGES

These schedules are listed to help you coordinate your traffic with those who have regular contacts into various missions fields, as an aid to the efficient use of your time and convenience of the missionary.

Dly	24 hrs.	OA8B	WA4ZRS	21.200 RTTY
Dly	1130Z	CP8AU	K1GUR	14.160/14.277
Dly	1145Z	KP4CQW	K9WJU	14.290
Dly	1230Z	YN4WD	W2RJQ	14.265
Dly	1400Z	CP8AU	WA4ZRS	21.360
Dly	1400Z	HK3	WA4ZRS	21.360
Dly	1400Z	HC7JJ	WA4ZRS	21.360
Dly	1730Z	OA3L	W4CWY	21.440
Dly	2230Z	OA3L	W4CWY	21.440
Dly	1800Z	HC1MX	WA4DHK	21.340
Dly	2200Z	KP4ATS	W3BPJ	21.390
Dly	2300Z	HC1JL	K3RYV	21.390
Sun	1205Z	3A2CQ	W2CCE	14.065 CW
Sun	1240Z	YS1DSE	W2RJQ	14.340
Sun	1800Z	EL8E	W3BPJ	21.360
Sun	1900Z	HC7FD	W8BBJ	21.400
Sun	1930Z	PZ1CF	W2CCE	21.320
Sun	2215Z	HC1WR	KOGAZ	21.415
Mon	1145Z	3A2CQ	W2CCE	14.065 CW
Mon	1730Z	VE8	WB6IFK	21.390
Mon	2100Z	VK9GN	WA4ZRS	28.700
Mon	2130Z	KL7DTJ	WA4ZRS	21.360
Mon	2200Z	OA5C	W3BXW	21.415
Mon	2300Z	KL7DTJ	W3BPJ	21.360
Tue	1240Z	YS1DSE	W2RJQ	14.340
Tue	1530Z	OA3L	W5MWY	21.440
Tue	1815Z	CP8AU	WB6IFK	21.380
Tue	2430Z	ZP5EE	KOGAZ	21.330
Wed	0230Z	OA8V	W9BNI	14.290
Wed	0300Z	KL7FKR	W5MWY	21.440
Wed	1145Z	3A2CQ	W2CCE	14.065 CW
Wed	1200Z	PJ5BE	W2CCE	21.390
Wed	1200Z	HC1MX	W8BBJ	14.340
Wed	1500Z	EL2F	K2AXO	21.185/21.385
Wed	1600Z	EL2F	W0CQY	21.185/21.385
Wed	2200Z	OA5C	W3BXW	21.415
Wed	2200Z	VK2AXS	VE3AX	14.160
Thu	1240Z	YS1DSE	W2RJQ	14.340
Thu	1530Z	OA3L	W5MWY	21.440
Thu	1600Z	OA5AH	WB6IFK	21.360
Thu	1645Z	EL2F	K2CAC	21.295
Thu	2100Z	VK9GN	WA4ZRS	28.700
Thu	2100Z	OA8AT	W9KWJ	21.360
Thu	2130Z	KL7DTJ	WA4ZRS	21.360
Thu	2200Z	HR2ML	W3BPJ	21.390
Fri	1145Z	3A2CQ	W2CCE	14.065 CW
Fri	2200Z	OA5C	W3BXW	21.415
Fri	2230Z	OA8AO	K3HTN	21.400
Fri	2300Z	KL7DTJ	W3BPJ	21.360
Sat	1205Z	3A2CQ	W2CCE	14.065 CW
Sat	1300Z	HC7FD	W8BBJ	21.400
Sat	1700Z	PJ5BE	W2CCE	21.390

Apartado (pronounced ah-par-tah-do) means post office box. Apartado numbers are not a proper address for radiograms, unless they are intended to be mailed. (Apartado does not mean apartment.)

ARMS Motto:

"As we have therefore opportunity, let us do good unto all men, especially unto them who are of the household of faith." —Galatians 6:10

ARMS NETS

Dly	1900Z	Halo Net	21.390
Mon	0200Z	Mid-Atlantic Fellowship (Sun. 9 P.M. EST)	29.100
Mon	1200Z	Eastern Section	3.970
Mon	1245Z	Midwest Section	3.970
Tue	1200Z	International RTTY	21.100
Tue	1530Z	Transcontinental	14.310
Wed	1200Z	Eastern Section	3.907
Wed	1245Z	Midwest Section	3.907
Thu	1200Z	Intercontinental RTTY	21.100
Thu	1600Z	West Coast Section	3.915
Fri	0200Z	Fellowship (Thurs. 9 P.M. EST)	3.907
Fri	1200Z	Eastern Section	3.907
Fri	1245Z	Midwest Section	3.907
Sat	1430Z	Midwest Section	3.907
Sat	1500Z	Rocky Mt. Section	3.915
Sat	1600Z	Transcontinental	14.310
Sat	1900Z	West Coast Section	3.915

OTHER NETS

Four Corners Missionary Net (Tues., Thurs. & Sat.)	1730 MST	3.815
Menno Net (Tues.)	1900 CST	3.850

"But to do good and to communicate forget not; for with such sacrifices God is well pleased." Heb. 13:16

The **AMATEUR RADIO MISSIONARY SERVICE** is a fellowship of born-again amateur radio operators, cooperating to provide communications for missionaries via amateur radio.

ARMS was founded March 2, 1957 and incorporated as a non-profit organization under the laws of New Jersey, May 20, 1965.

Membership is open to any licensed amateur radio operator or non-licensed person interested in the works of ARMS who can subscribe to the doctrinal statement of faith.

Membership dues are \$2 per year, entitling the member to receive the official publication, THE BEAM. Subscription to non-members is \$2/year.

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