

Worldradio

25
Oct.
1971

International friendship - Local public service

The travels of Darleen



1 March - Fiji

...Put Swan on the air yesterday and it worked fine. Tried out PM-3 and had a brief QSO with WB6ZPO-Phil in Sacramento but got QRMD out. Going to Lautoka to visit VR2CC-Fred, tomorrow.....

5 March - Tonga

...Took pix of VR2FT and VR2CC, operated VR2CC on Monday and Tuesday. Had a ball. He's the manager of Cathay Hotel and has a nice quad. VR2FT is going back to England and I'll be visiting him in London later. Heard Fred (VK9FH) on one night.



Fred Carter, VR2CC

8 April - Huntly, New Zealand

...I spent considerably more time in the South Island than I had intended. I took the usual tour and visited Mt. Cook, Milford Sound, etc. While in Christchurch I visited ZL3IS, Gil. ZL2ANA is very active in the Blind Foundation. His wife has very little sight but they are the sweetest people you would ever meet. ZL3IA, Syd, has had polio since age 14 but has about every award in the book. He lives out at Akaroa...



Les Hickingbotham, VR2FT

25 April - Dunedin, New Zealand

...Talked to Fred, VK9FH, yesterday and he sends his regards to you and hopes all is well with you..... Dunedin is located on the east coast of the South Island, quite far south and is a colder climate than I am used to. Think the population might be around 100,000 but I am not sure. Up to recently, it had the only medical school in New Zealand. It is very hilly and reminds me of the Bay area and is right on the ocean.....I talked to VS6DA in Hong Kong, he is a pilot for Cathay Pacific Airlines, and is formerly from England.....Have worked about 85 countries and am hoping for DXCC from here. Worked a JT1AG and he is going to QSL direct to Dennis(WA6QWW). Have shipped two batches of logs to Dennis and apparently he has received many cards so far. Conditions on 10 and 15 have been very poor but 20 has been quite good late at night about 1100 GMT particularly into Europe...

(Continued on page 10)

The Worldradio Foundation

Ten Percent Of All Subscription and Advertising Revenues Are Divided Equally Among The Projects Listed Below:

AIRMEN'S MEMORIAL SCHOOL

Located on the island of New Britain, off the coast of New Guinea, the school was the first education for the children of Ewasse Village. It is a non-profit foundation project of Fred Hargesheimer, WØEBG, of White Bear Lake, Minnesota. The area's natives nursed Fred through illnesses and protected him for eight months during 1943 after his P-38 crashed. Fred, an electrical engineer, is currently on a one year leave of absence from UNIVAC and is teaching math at the school. He is operating as VK9FH.

S.S. HOPE

Amateur radio has always been a part of the journeys of the HOPE as she covered the world treating the ill and serving as a teaching hospital. The HOPE also maintains permanent medical facilities in Peru, Ecuador, Nicaragua, Colombia, Ceylon, and Tunisia.

AMIGOS DE LAS AMERICAS

Working in Guatemala, Honduras, Nicaragua and Colombia, the nondenominational group administers immunizations, teaches hygiene and reading and helps in many ways. The volunteers go down for three week tours, paying a large share of their own expenses. Many amateurs are involved in the project.

INTERNATIONAL MISSION RADIO ASSOCIATION

The organization furnishes communication for those in remote areas of the world such as missionaries and Peace Corps workers. Funds are used to purchase radio equipment for missionaries of all faiths.

COLEGAS Y AMIGOS

The Southern California and Mexico Amateur Radio Mobile Group has as its primary aim the promotion of international good will. They assist an Old Folk's Home and a Girl's Orphanage in Ensenada, Mexico. The group also works with the Flying Samaritans - the pilot-doctors who fly into remote areas of Mexico to give medical assistance.

HANDI-HAMS

A group in the Midwest (WØ) who teach the blind, handicapped and bedridden persons to become amateurs. The organization also, through donations, gives radio equipment to the handicapped.

RADIO AMATEUR INVALID AND BEDFAST CLUB

The club, based in London, helps blind and disabled amateurs in Britain, Australia, New Zealand, Canada, South Africa, Finland and the U.S.A. Equipment is repaired, antennas are erected for the disabled, and amateur radio literature is distributed to the handicapped.

MINH-QUY HOSPITAL

Located at Kontum in the central highlands of Viet Nam, the hospital is staffed by an American woman doctor from Seattle, Dr. Pat Smith, and two nurses. The facility, which attends to the illnesses and injuries suffered by civilians, also receives help from a Swiss medical team. Assisting the hospital is a continuing project of Sgt. Steve Olson, W6EQM, who was stationed near the hospital with the Special Forces. He is now in Fresno, California.

HADLEY SCHOOL FOR THE BLIND

The school, located in Winnetka, Illinois, operates an amateur radio correspondence course, given without charge to the blind. The course has over 150 blind students (and a waiting list). Students are located in the United States, Australia, New Zealand, India, Hong Kong, Scotland and other countries. Volunteer chairman of the program is Byron Sharpe, W9BE.

RESERVE

A reserve to be used for emergencies, grants, purchase of equipment to be loaned to hams engaged in humanitarian projects and to implement suggestions from readers of Worldradio.

All expenses and clerical time necessary to operate the Foundation will be donated by the publication and its staff. On a quarterly basis, a record of disbursements will be reported in Worldradio.

I believe in the family of mankind. Mark Twain

participants

This listing of Worldradio subscribers is provided to facilitate your acquaintance, both on the air and locally, with people of common interest.

(continued from last issue)

John Hamilton, 5Z4XI, Thomsons Falls, KENYA

Jimmie Kean, 5Z4KZ, Rumoruti, KENYA

George Fuchs, W2PND, Freehold, New Jersey

Glenn Lay, W7ADS, Yakima, Washington

Lawrence Cotariu, WA9MZS, Park Forest South, Ill.

Robert Boyd, WB6QQB, North Edwards, California

Bill Higgins, WØYDB, Minneapolis, Minnesota

Robert Kyle, K6GRP, Kelsey, California

Dr. Arthur Baptisti, Jr., WB9CBX, Nashville, Ind.

Charles & Shirley Rex, K8MZS-K8MZT, Ft. Pierce, FL.

Dr. James Terry, W6DP, Pleasanton, California

Anthony Borgia, K6DR, Carmichael, California

Wayne Perry, K6TX, Pinole, California

Samuel Canter, W6TSQ, Mill Valley, California

Gregory Knapp, WA6MIN, San Jose, California

William Niemeyer, W6KKI, Carmichael, California

Fred Dietrich, PH.D., W6MOH, Palo Alto, California

Helen Miller, WA6EZI, Carlsbad, California

Roger Gamble, WB5EKL, La Paz, BOLIVIA

Byron Jay, K8WGJ, Dayton, Ohio

Paul Black, W6QOK, Santa Ana, California

Thomas Coleman, WA6FRR, Arcadia, California

Rev. Gilbert Leduc, K1EMQ, North Billerica, Mass.

Al Hoffman, W8JXU, Hazel Park, Michigan

Myron Braun, K8IQB, Bellevue, Ohio

Dr. Bernard Kool, WA8VYL, Grand Rapids, Mich.

Harold Moreau, VE2DHY, St. Simon, Quebec, CANADA

R. T. Huebner, K5IMF, Buffalo, Texas

Mary Jane Nichols, K7LSW, Tucson, Arizona

Ronald Viets, WB4KVF, Corbin, Virginia

Joseph McClain, W9KMY, Kokomo, Indiana

Dr. Lindley Sprague, K9WRE, Middleton, Wisconsin

Dr. Ed & Marge Osberg, VE7AXJ-VE7AXK, Vancouver, CANADA

Sylvester Connolly, W1MD, Hingham, Massachusetts

Rick Matthew, VE7BFB, Vancouver, B.C., CANADA

Paul Girard, KP4CB, Rio Piedras, Puerto Rico

Joseph Park, WB6AGR, Branscomb, California

Dr. Jim Hendry, VE4DQ, Brandon, Manitoba, CANADA

David & Gretchen Stewart, K2ZCD-K2ZCE, Rchstr., NY

Kenneth Rehse, WN8JBZ, Dearborn, Michigan

George Williams, SWL, Stockton, California

(continued next issue)

Worldradio is published every three weeks by Armond M. Noble, WB6AUH. Subscription prices: U.S.-Canada-Mexico-\$5.00 per year. Elsewhere - \$6.00(U.S.) or equivalent or 46 IRCs. Correspondence regarding subscriptions and editorial contributions should be addressed to Worldradio at 2509 Donner Way, Sacramento, California 95818, USA. Advertising inquiries are invited. Worldradio is published as a medium for the communication of news, information and ideas. We are interested in public service, humanitarian actions and international friendship.

Worldradio is an independent publication, it is non-political and non-controversial. It is not affiliated with any group or organization. However, its pages are open to all. Permission is automatically given to reprint from Worldradio. If there is something good we wish to share it. Appropriate credit as to source and a copy of the publication would be appreciated. Subscriptions and advertisements will be thankfully received.

Exclusive!

RADIO AMATEUR EMBLEMS

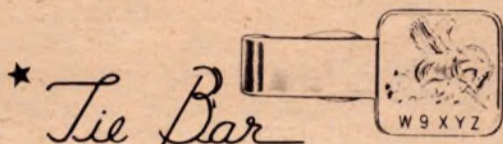
ENGRAVED WITH YOUR CALL LETTERS



Lapel Pin
with clutch back.

(May also be used as a tie-tac.)

Item 1-G, 20K gold plated Each \$6.00
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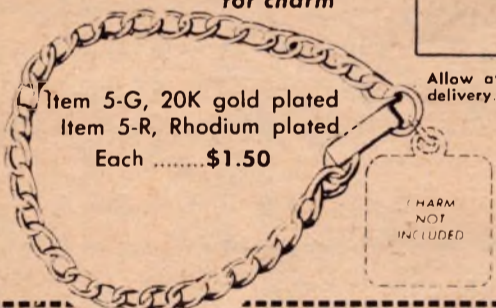
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(with safety catch)

Item 3-G, 20K gold plated Each \$6.00

Charm
Item 4-G, 20K gold plated
Item 4-R, Rhodium plated
Each \$6.00



Bracelet
for charm



Item 5-G, 20K gold plated
Item 5-R, Rhodium plated
Each \$1.50

Order any two or more emblems of your choice at the same time . . . \$5.00 each

Allow at least two weeks for delivery.



Key Ring
for charm

Item 6-G, 20K gold plated
Item 6-R, Rhodium plated
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I am Pegasus

. . . according to legend, winged and with blazing hoofs, mane flying, crossed the heavens with such speed I caused the crash of lightning and the roar of thunder.

Of course, this is a myth, but what an exciting thought—to race across the heavens with the speed legend gave me. Naturally it's really impossible for me to have accomplished such a feat but not for you . . . a radio amateur.

You can reach the corners of the world . . . with a turn of a knob you can cross the heavens—the whole world is yours . . . adventure is yours.

We have much in common—my legend of adventure—your history of adventure, as part of amateur radio.

We join our past, present and future here, in this emblem.

A brand new, modern design, emblem for radio amateurs to display their own call letters. A truly beautiful emblem you will be proud to wear.

Each piece will be engraved with your call letters—to make it your very own. The quality and workmanship is guaranteed.

Make your selection now—and wear your emblem proudly—you've earned it.

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SAROC

SOUTHERN NEVADA AMATEUR RADIO CLUB, INC., P.O. Box 73, Boulder City, Nevada 89005
at
FLAMINGO HOTEL CONVENTION CENTER, LAS VEGAS, NEVADA 89109 - JANUARY 6-9, 1972

ADVANCE REGISTRATION - \$9.00 per person, entitles registrant to:

1. SAROC Special room rate, \$12.00 plus room tax, single or double occupancy, effective January 4 thru 12, 1972.
2. Advance Registration Drawing Ticket for Saturday.
3. Regular Registration Drawing Ticket for Saturday.
4. Ticket for Free Cocktail at Flamingo Hotel Bar.
5. Ticket for Free KENO Game at Flamingo Hotel.
6. Ticket for Admission to Ham Radio Magazine & SAROC Happy Hour, Thursday.
7. Admission to Technical Seminars, Meetings and Exhibit Area, Friday.
8. Ticket for Admission to SWAN Electronics & SAROC Social Hour, Friday.
9. Admission to Technical Seminars, Meetings and Exhibit Area, Saturday.
10. Each Lady who registers will receive additional tickets (without charge) for Transportation, Shopping Tour, Luncheon, Crazy Hat Judging and Program at the new Union Plaza Hotel, Uptown Las Vegas, Saturday.
11. Ticket for Admission to Hy-Gain/Galaxy/ & SAROC Cocktail Party with Leo, WØGFQ, at the organ, Saturday.
12. Tax and Gratuity on all items except your Hotel Room.
13. Flamingo Hotel Buffet Hunt Breakfast with Champagne, a meal equal to any banquet we have ever attended, just ask any SAROC veteran, Sunday.

ADVANCE REGISTRATION - 14.50 per person:
Includes all items 1 thru 13, plus Flamingo Hotel Mid-night Show, two drinks. Flamingo Hotel Main Showroom featuring Jack Jones and Myron Cohen

ADVANCE REGISTRATION -17.50 per person:
Includes all items 1 thru 13, plus Flamingo Hotel Dinner Show (Entrees Brisket of Beef or Turkey). Flamingo Hotel Main Showroom featuring- Jack Jones and Myron Cohen.

Advance Registration must be mailed to SAROC and received by SAROC before January 1, 1972.

A ticket is required for admission to all functions, including the Ham Radio Magazine and SAROC Happy Hour, SWAN Electronics & SAROC Social Hour and Hy-Gain/Galaxy & SAROC Cocktail Party.

Requests for refund must be made in writing and received by SAROC before January 6, 1972.

FIFTH NATIONAL FM Conference scheduled for Friday and Saturday, with FM Hospitality Room taking care of the wee-hours technical discussions, 34/94 monitored.

Ladies workshop in their Hospitality Room Thursday and Friday to construct a hat for the Crazy Hat Contest on Saturday, for those who forgot to make or bring a hat.

WCARS-7255 and WPSS-3952 will provide assistance to those mobiling in from stations set up in their Hospitality Rooms, in addition to their scheduled meetings on Friday and Saturday.

1600 Club along with QCWA/OOTC, each have reserved Hospitality Rooms for arm bending, with some technical discussion scheduled.

Navy-Marine Corps MARS plan an operational display in the Flamingo Hotel Lobby.

Flamingo Hotel Buffet Luncheon \$2.75 on Saturday, includes Tax and Gratuity

Accommodations request must be made with Flamingo Hotel, Las Vegas, Nevada 89109 and received by Flamingo Hotel before December 15, 1971 to assure one of the SAROC Special Room Rate.

Greyhound Bus SAROC Charter planned out of the Los Angeles area, send to SAROC for details.

SAROC Group Flight planned out of Chicago, St. Louis, Omaha and Denver of Frontier Airlines, a scheduled air carrier. Send to SAROC for details on our convention-vacation package plan.

Exhibitors and Delegates have proclaimed that SAROC is one of the most outstanding conventions for radio amateurs in the United States; plan now to attend the 1972 SAROC.

.....
1972 SAROC ADVANCE REGISTRATION

Please find my \$ _____ check or money order(no cash) enclosed for:

OM- Name _____ Call _____

YL- Name _____ Call _____

Address _____ City _____ State _____ ZIP _____

OM \$9.00(____), YL \$9.00(____), OM \$14.50(____), YL \$14.50(____). OM \$17.50(____), YL \$17.50(____)

Make my Flamingo Show reservations for: Thursday, Jan.6th; Friday, Jan.7th; Saturday, Jan. 8

Flamingo Hotel Buffet Luncheon/s _____ at \$2.75 each, Tax and gratuity included, Saturday

I have attended SAROC 1 2 3 4 5 6 times, please circle one.

I am interested in ARRL, Cocktail, DX, FCC, FM, MARS, RTTY, WCARS, WPSS, YL, Seminars

I receive CQ ECARS HR MCARS QST rpt RTTY SPARK/GAP 73 WCARS Worldradio WPSS WSSBA publications

Armond M. Noble, WB6AUH, Editor-Publisher
Stuart P. Churchon, W6OMK, Managing Editor
William C. Horsley, WB6WCY, Associate Editor
Darleen Souigny, WA6FSC/VR5DK, Roving Editor
Sid Hall, WB6BNZ, Circulation Manager
Ken Welsh, WB6FKV, Subscription Fulfillment

Worldradio

the international communications report

Vol. 1,
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**Man has too much in common
to be separated
by political blocks
or racial barriers....**

**whatever splits up mankind
is artificial and can be
tolerated or ignored -**

whereas

**whatever unites mankind
is real
and profound.**

THOR HEYERDAHL
(via amateur radio)

The travels of Darleen	1
ARIBA	6
ARRL Bulletins	7
Repeater/Florida	7
Amateur Radio at Hurricane Center	7
Foreign Language QSOs	8
Ray LaFollete, K8RHF	8
Origin of HAM	9
reciprocal: SWEDEN	13
WCARS	14
Learning Spanish in Mexico	15
IMRA	16

MARN

MOSAIC AMATEUR RADIO NET

The Mosaic Amateur Radio Net is an international, non-profit, non-commercial association dedicated to serving mankind and fostering international good will. It is an association of Masonic amateur radio brethren and members of the appendant Orders. Membership in the Mosaic Amateur Radio Net - better known by its acronym MARN - is open to all members of the Masonic order and those of the appendant Orders who possess any class of an amateur radio operator's license. There are no dues and the nominal membership fee is perpetual. Write for information.

MARN

11049 Avenue E

Chicago, Illinois 60617

U.S.A.



amateur radio interest building association
14 Vanderventer Ave., Port Washington, N. Y. - 11050

(516) 883-6200

William G. Welsh, W6 DDB
Executive Director

A. David Middleton, W7 ZC
Executive Secretary

Herbert S. Brier, W9 EGQ
Educational Director

David T. Geiser, WA2 ANU
Technical Director

ATTENTION ALL AMATEURS:

You've probably never heard of ARIBA before. That's because it's brand new. But you'll be hearing much more about it in the months and years to come.

ARIBA stands for Amateur Radio Interest Building Association. What it aims to do is develop interest in amateur radio among prospective amateurs such as students, Boy Scouts, serious-minded CB operators, etc. It also aims to help those who already hold amateur licenses to develop their skills and interests to give them the push they need to progress within the hobby.

Membership in ARIBA is absolutely free. There are no membership fees or dues of any sort. All expenses for the organization are supported by CQ Magazine in appreciation of the acceptance and support that has made CQ the Number One publication for amateurs throughout the world.

Here are some of the things ARIBA offers you:

Skilled guidance toward obtaining a higher grade of amateur license by experienced hams who have trained thousands just like you from novice right through the ranks. ARIBA has a pool of such amateurs who are anxious to help you, and through our communications bureau, we put these amateurs in touch with you for personal guidance.

Educational material that will develop you as a top-notch operator. Here again, ARIBA has experienced amateurs who will help you mature as a better operator by showing you what to do and what not to do. You eliminate the pitfalls of poor operating by getting the experienced advice of the best operators in ham radio.

Technical advancement information that will make your knowledge of electronics grow and flourish as you advance through the ranks. Not only will you be able to pass the exams for higher classes of license, but you'll understand all the basics and fundamentals of radio, and be able to experiment and develop this knowledge at your own speed.

The knowledge that there are thousands of other amateurs eager to further your interest in amateur radio. These amateurs are dedicated to the growth of the amateur fraternity. They are building for the future, and they want you to be a part of that future.

So why not join ARIBA today? Remember: No fees and no dues. ARIBA is sponsored by CQ as a public service. ARIBA needs you. What's more, you'll need ARIBA.

If you are new to the Amateur Radio Service, you'll be pleasantly surprised at the high caliber of those you'll meet during your ham radio activities. You can justifiably be proud of the voluntary effort you made to become a licensed member of the international amateur radio fraternity.

ARIBA is dedicated to the following objectives:

1. Bringing ham radio to the favorable attention of the general public.
2. Attracting new people to the Amateur Radio Service.
3. Initiating training programs and improving existing licensing courses.
4. Upgrading licensed hams to higher licenses.
5. Improving all phases of amateur radio activities.
6. Improving ham radio operating techniques and technical capabilities.
7. Strengthening the Amateur Radio Service.

ARIBA membership is available at no charge to all amateurs and CQ, the Radio Amateur's Journal, pays all expenses related to ARIBA activities. CQ subscriptions are available to ARIBA members and applicants at the reduced rate of \$9.00 for two years.

If you are interested in providing or receiving help in one or more of the following fields of interest, contact ARIBA immediately:

1. Providing information about speakers and/or programs to introduce the Amateur Radio Service to non-ham groups.

2. Furnishing training aids and information which can be used to initiate or improve licensing programs.
3. Awarding specialized beginner's operating awards for accomplishments not specifically covered by other groups.
4. Writing and distributing ham-oriented articles for printing in non-ham magazines and/or newspapers.
5. Writing and publishing articles which stimulate license upgrading, technical knowledge, and operating capabilities of licensed hams.
6. Helping minimize/eliminate all types of interference problems - including interference to the ham station, as well as TVI, BCI, etc.
7. Establishing a group to set up initial ham stations for maximum usefulness, plus improving existing stations.
8. Stimulating improved ham club activities in running contests, auctions, licensing courses, conventions, bulletins, etc.
9. Encouraging the manufacture of better ham equipment and accessories.

If we sound like your kind of outfit, fill out the ARIBA application and turn it in without delay. The Amateur Radio Service needs ARIBA and ARIBA needs you!

AMATEUR RADIO INTEREST
BUILDING ASSOCIATION
14 Vanderventer Avenue
Port Washington, L.I., N.Y. 10050

NAME

CALL SIGN

MAILING ADDRESS

TELEPHONE NUMBER

Signature

I am interested in...

notices

September 25, 1971

The ARRL Executive Committee met today to examine nominating petitions filed by members for League directors and vice directors. By reason of nomination of but one eligible candidate the following were declared elected, the Canadian Division Director-Noel Eaton, VE3CJ; Dakota Division Director, Larry Shima, WØPAN; Delta Division Director, Max Arnold, W4WHN and Pacific Division Director, J. Gmelin, W6ZRJ. Also declared elected were Canadian Vice-Director A. George Spencer, VE2MS and Dakota Division Vice-Director Edward Gray, WAØCPX. Wherever the committee found valid petitions naming more than a single candidate for these offices and the candidates meeting the requirements as to League membership and freedom from any commercial radio connection, ballots were ordered mailed to full members concerned covering contested offices. Such candidates by division are: Atlantic for director, Hipposley, K2KIR-McConaghy, W3EPC. Atlantic for vice-director, Bieberman, W3KT-Smith, WA2KND, -Van Dyke, W3HK. Delta for vice-director, Cassems, W4WBK-Sanders, WB4ANX. Great Lakes for director, Michel, W8WC-Nathanson, W8DQL. Great Lakes for vice-director, Egbert, W8ETU-Ryden, K8ONV-Shutt, W8FSZ, Zimmerman, K4FU. Midwest for director, Anderson, KØNL-Keller, WØDU-Osmundson, WAØIRP, Wade, WØINH-Weiner, KØCKX, Midwest for vice-director, Grauer, WAØLLC-Miller, WAØKUH, Pitner, WØFZO-Ritzman, WAØLGR-Schweppe, KØEXN. Pacific for vice-director, Gaetano, W6VZT-Reed, W6CTH-Wical, KH6BZF. Southeastern for director, McMasters, W4BCZ-Strieter, W4DQS. Southeaster for vice-director, Porter, W4KGJ-Price, W4DQD. As soon as ballot returns have been counted in late November, results of all these elections will be given in a further bulletin from Official Bulletin Stations.

amateur
radio's
newspaper:
Worldradio

ARRL official bulletin

NR 341 FROM ARRL HEADQUARTERS
NEWINGTON, CONN. SEPT. 23, '71

Attention DXers. Announcement is hereby made of the addition to the Countries List of Annobon Island. Annobon Island is located off the west coast of Africa in the Gulf of Guinea. It qualifies as separate from Equatorial Guinea under point 2A of the DXCC Criteria, outlined on page 88 of February 1969 QST. Confirmations for contacts with Annobon Island may be submitted starting October 1.



HOPE is More Than a Bandaid

Project HOPE goes where her medical teams can teach and heal . . . shore to shore . . . village to village . . . at home and abroad . . . wherever people are willing to learn . . . wherever there is sickness and hopelessness . . . wherever HOPE can leave the precious cargo of medical knowledge that will endure and grow . . . wherever the generosity of the American people makes HOPE's next mission possible. The world needs more than a bandaid. The world needs HOPE.

Help Keep HOPE Alive.

Your contributions are
tax deductible

**PROJECT
HOPE**

Dept. A, Washington, D.C. 20007



(Photo via W4RKH)

Up, Up, and Away . . .

By Frank M. Butler, W4RKH

Is this a ham "first?" The Northwest Florida F.M. Association had a high-gain antenna to mount at their repeater transmitting site, atop a local water tank. The antenna was too big to carry up the interior steps, and we were afraid we would scratch the new paint job on the water tank if we hauled it up over the side. We didn't want to damage the antenna, either, with a \$200 price tag. So we hired a local two-place helicopter which carries tourists on short flights at \$1.00 a minute.

The helicopter made two trips — one to carry the mounting bracket of ¼" stainless steel, and the second to carry the antenna, shown in the photo. To give you an idea of scale, the antenna mast is 25' long. It took

three passes to get the antenna in the right position where it could be secured by those atop the tower, 150' high.

The antenna is mounted with the dipoles to the north, giving 9db gain in that direction and 6db gain to the east and west. We have recognized a big improvement over the old ¼-wave ground plane. The same type antenna is mounted on the receiver tower, six miles away.

Atop the tower were W4SMS, President of the NW Fla. FM Assn., WB4TPR, and W4RKH (arm extended!) Assisting the pilot in the helicopter was W4FDJ, Secretary of the Assn. Ground crew included WA7DVD-4, WB4EQU and W4WBW.

Call sign of the NW Fla. FM Assn. repeater is WB4KLT.

STATION SET FOR NHC

Amateur radio in action during emergencies is possible now from the National Hurricane Center, Coral Gables, thanks to action by two Dade County hams.

Responding to a request from Leonard Pardue of the University of Miami based forecasting agency, Andy Clark, W4IYT and Don Haymen, WA4JBI purchased a Bassett Vacuum Trap antenna from Savoy Electronics, Ft.

Lauderdale and spent one recent Friday morning installing it on top of the Computer Building which also houses the National Hurricane Center at the UM campus.

Andy named Assistant Dade County EC, George Hennings, WB4JFA, to man the station when a storm threatens Florida. The station will consist of equipment temporarily borrowed from a local ham and it will be located in the press room one floor below all the activity at the center.

When a hurricane threatens us, the station will be on the air to receive weather conditions from various points in Florida and to disseminate official hurricane forecasts and information straight from the source. From its location in the press room, the news media cannot help but learn about the capabilities and achievements of our hobby.

FLORIDA SKIP

Information, Please

Worldradio wants to publicize the role amateur radio operators play in local public service efforts. Send in the news and pictures.

Worldradio would appreciate receiving ham club bulletins.

foreign language

QSOs

Carl Sletten, W1YLV

The use of foreign languages by American amateurs is increasing rapidly for several reasons. The primary motivation is probably the pleasure afforded by exchanging greetings with a foreign operator in his native language. Europeans have always used Amateur Radio as an effective means for practicing English, and, now that SSB has made voice contacts so easy, language partners are available who wish to learn English and are willing to trade Spanish, German, French, etc. for practice in English. For the ham with language training or interest, foreign language QSOs add a new dimension and a satisfying proficiency to his hobby.

There is no doubt that international good will is won by our efforts to

work at, and master, the languages of other countries. Anyone who has been able to switch languages with a struggling English speaker knows the immediate friendliness and confidence that results.

Of course conversational ability lifts a curtain on a whole new world with side benefits for future travel and business. Radio affords a convenient laboratory for both listening and speaking a foreign language. Beginning in a very elementary and primitive way, many foreign hams use English to simply exchange calls and signal reports. Such skill can be mastered very easily and becomes the foundation upon which fluent use of a foreign language is gradually achieved.

Several tips are worth heeding in approaching foreign languages for Amateur Radio use. It is best to attack only one foreign language at a time. There is an axiom that one language drives another out; for most people, tackling one motor skill at a time works out best. Second, memorize complete sentences and even short QSOs.

Practice your pronunciation in comparison with the native speakers. You must approximate expressions quite closely (especially the vowel sounds) in order to be intelligible. English vowels differ considerably from those of most European languages. It is best to master simple situations before attempting more complicated QSOs. Verbatim memorization is the safest and freest from embarrassment. Practice answering questions in short idiomatic sentences. Listen to the news broadcasts by the Voice of America, join the local language clubs to train your ear and gain vocabulary, and chat with anyone familiar with your target language. Soon you will be making phone-patches, asking people to QSY, and making good friends abroad for that dream trip to Europe or Latin America.

(Editor's note: Carl, W1YLV, produces a series of audio-lingual tapes for learning languages. Available are tapes for learning Spanish, German and Japanese. He also has tapes for Spanish and German speaking people who wish to improve their English. Carl's tapes were prepared by the native hams of the various countries. For further information write Carl at P.O. Box 53, Acton, Mass. 01720)

Ray La Follette, K8RHF

Ray, a 68 year-old, blue-eyed, ex-Hoosier transplanted to Cincinnati, Ohio is one of the voices of IMRA. Ray married his XYL, Mildred in 1922 and sired 6 lovely daughters, none of whom became junior operators. His grandsireship was a little better, however, as WB8FXP, Bill Bross, now uses Ray's equipment every time he gets the chance.

After working for the B & O railroad, up through the ranks of yard switchman, road brakeman, freight conductor and finally passenger conductor, Ray retired in 1966 in order to devote full time to Amateur Radio. (hi!)

First interested in Amateur Radio in the mid-twenties by his brother-in-law, Erwin Stentz, W5PHH, Ray didn't get his own ticket until 1959. Since that time, however, he has not let any grass grow under his antenna as anyone who listens to him handling IMRA Net Control duties will testify.

The station at K8RHF consists of the Heath SB-101 exciter, Heath Warrior HA-10, a 40 foot Dill tower with a Hornet TB-750 beam and an AR-22.

In December of 1969, Ray became associated with the IMRA when he accidentally stumbled on to the afternoon roll call session in progress and was charmed by the Yonkers accent of the late Mary Webb, WB2QPP.

His versatility as a member soon became obvious to all who experienced his phone-patching capabilities, patience and sense of humor. He earned his hand-carved call sign plaque for serving as Net Control for more than 6 months from October of 1970 through March of 1971 and has served faithfully as NCS every Thursday since then.

As a side-line, Ray erects towers for fellow IMRA members in the Cincinnati area. His services are in particular demand when a tower base needs pouring during a cement strike. (hi)

Give Worldradio as a gift to an overseas friend



The photo shows Ray erecting a 50 ft. tower for club station WA8LEI at The Grail, Loveland, Ohio.

(Sister Mary, WA5VBM)

Airmen's Memorial School

Ewasse, New Guinea

Thank you for your very kind donation toward the Airmen's Memorial School project. Your interest and support of our work will be an everlasting inspiration to all of us in our effort to help grow in Christian stature and a richer life.

Ham radio has provided us with a new dimension in fellowship with many friends around the world that could not be filled in any other way. Best wishes to you and your staff in fostering this human relationship.

Fred Hargesheimer, VK9FH, WØEBG

rig

Worldradio has a Swan 270 Cygnet, in carrying case, available for loan to medical personnel, relief agency staff, etc., going overseas on the short-term volunteer tours. The rig operates on 220 volts A.C.

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Classifieds dealing with amateur radio equipment, buy-sell-trade, three cents a word.

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Write for Display Advertising rates. (very reasonable-there is no one who can't afford to advertise here.)

Origin of HAM

Harry Tummonds, W8BAH, has long sought to verify the origin of HAM as a designator of Amateur Radio operators. His long quest has borne fruit, documentation supporting his findings.

HAM was used in 1908 as the call letters of the Harvard University Radio Club, the letters being the initials of members Albert Hyman, Robert Almy and Reginald Murray.

Extension of the call to identify amateurs stems from Hyman's testimony before a 1911 Congressional committee considering early radio licensing legislation. In testifying, Hyman emphasized the HAM and other amateur stations would be forced off the air if the bill passed without amendment. As the human interest aspects of the David and Goliath confrontation between radio's amateur and commercial interests attracted the attention of the Capitol Hill reporters, HAM became the quickly identifiable symbol of the amateur operators as newspapers across the nation picked up the story. Hyman went on to become a doctor and cardiac specialist. In 1928, he invented the artificial cardiac pacemaker.

(Harry Tummonds, W8BAH, is the Secretary of the Amateur Radio Editors Association and has written an Amateur Radio column for the Cleveland Plain Dealer for several years.)

Fred Laugner, DL3TB

I've been a ham since 1949 and have had many interesting experiences. Some years ago I sent a salve to Yugoslavia and also helped a station in Tangier obtain "Streptomycin". I have sent a radiogram for the German Red Cross to Poland. Just last week I helped ISISO get a medicine from Riga (UQ2). I got the address of Medexport in Moscow so a Russian medicine could be sent for the treatment of a girl in Sardinia.

My wife, Barbara(DL3TBC) and I are both 46 years old. Our station consists of an FT DX 400 and a GPA-3 ground-plane antenna. I can carry on standard QSOs in English, Italian and Russian.

I'm on almost every morning between 0530 to 0600 GMT on 14.000 to 14.350 MHz. Every Tuesday and Friday I'm listening for my friend DL9LJ/-mm on the yacht "Radiant" in the California seas. (frequency: 14.025 MHz 0530 to 0600 GMT)

We worked Darleen (WA6FSC) when she was 3B9DK, 5Z4EN and just yesterday (13 Sept.) as JY9DK. She is visiting us on the 25th of September and we expect to have a nice time together. Our city of Heide has 26,000 inhabitants.

My profession is post officer in the wireless section. Have been 17 years in the monitoring field and now 5 years in the radio disturbance field.

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getting

new



The monthly for amateurs that's different

To quote one of the many reader comments so far —
"you obviously have embarked upon a fresh, new approach to amateur radio."

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to
HAM RADIO magazine
GREENVILLE, N. H. 03048

Include address, call and zip code.

Letters from Darleen,

7 May- Huntley, New Zealand
... Planning tentative trip (depending on visas, reciprocal licenses, transportation, etc.) to go to some of the following- VS5, Brunei - CR8, Portuguese Timor - FW8, YJ8, 5H3, 5Z4 and then come back through Europe.
...

29 May- Huntley, New Zealand
I will be going to Wellington on Wednesday night via train to get the necessary visas for Kenya and Mauritius. I will stay with ZL2ANA, they are an absolutely wonderful couple. On Saturday, Bert and Pearl will take me to the annual New Zealand Amateur Radio Transmitting Convention in Palmerston North and I will join Jack and Iris Chew.

On Tuesday morning, we will drive to the Auckland Airport where I will catch an Air New Zealand plane direct to Melbourne where I will be met by VK3KS & VK3XB, Mavis and Ivor Stafford, and also will meet Peter Dodd, VK3CIF, Secretary of the Australia Wireless Institute and a number of other hams including VK3YL. On Wednesday morning I will leave on a direct flight to Perth where I will meet with VK6OV, Inga and Ted Gregory. She is formerly from Germany and met her OM via CW when he was a VS6 in Hong Kong. I will also meet VR5LT's QSL manager, VK6WT, David Couch.

Then on Wednesday, I will leave on a direct flight to Port Louis, Mauritius via South African Airways and will be met by 3B8CR, Ray Mills, who is making all the arrangements for transportation, housing on Rodrigues Island, etc...

I have been invited by a friend of 5Z4LW, Bob, who is a pilot, to join an 82' yacht for a cruise around some of the islands in the Indian Ocean. It is a couple with a small child and apparently the tariff will be quite reasonable. Andre, 5Z4KL, is hoping to make arrangements for the two of us to go and get licensed for Aldabra Island, Comoro, etc., but have no idea if I will get back in time or can swing it.

I will not know my call letters in Mauritius or Rodrigues until my arrival in Mauritius but will try to get word to you before I get on Rodrigues. I am being sent spare finals etc., from Swan who have been very good to me. Am trying very desperately to get a PM-3 shipped direct to Mauritius by Ten-Tec but conditions to Honolulu where KH6HIF was making the arrangements were not good so maybe hear something tomorrow.

I will be visiting 5H3LV, Garth Hamilton in Dar-Es-Salaam. Andre, 5Z4KL in Nairobi, etc. The hams throughout the world have really been helping me with arrangements and with writing the necessary character references telling the officials what a character I am. Hi.

Got my last cholera shot yesterday and my arm is really sore at the present time..... There is no mail delivery on Rodrigues Island so I will rest for six weeks.... Thelma Souper, ZL2JO lost her husband, Noel Souper, ZL2UW. He had been ill for some time - funeral was Tuesday. Just got word VR5LT- Bill Toussaint and his wife, Dorothy, had a baby boy named David Lindsay. They have one other child, a daughter, Elizabeth. Bill's home call is VK6LT.

8 June - in flight

We are halfway between Auckland and Melbourne at 39,000 ft - 550 mph with a headwind of 65 mph. Had a great time at the New Zealand Ham Convention and am now a member of the New Zealand Women Amateur Radio Operators' Club. Mark Churton, ZL1TB, who I worked as a novice and also from Tonga, won the New Zealand Amateur of the Year Award.

The radio equipment was sent out today. Keep your fingers crossed that all will get to Mauritius in fine shape. Talked to Ray, 3B8CR, Friday and the ship will leave Saturday, June 12th to Rodrigues. Will get my call sign 3B9?? Friday. License has been cleared, QSL manager is VE6-AKV, Bud, in Calgary.

Sure am busy. Went out in one of the mobile car contests and the car I was in won. Lots of fun.....



Thelma Souper, ZL3JO; Darleen Souigny, WA6FSC; Ethel Adnitt, ZL1BLL.

11 June - Mauritius

Arrived in Mauritius at 6 pm last night after a pleasant 8 hour flight from Perth. Ray, 3B8CR and his XYL, Josie, were on hand to greet me - a really grand couple. A very interesting place - every nationality represented. Weather beautiful - 75 degrees, sunny and a nice breeze.

All the equipment is here but in bond until it is put on the ship "Mauritius" Monday afternoon at 5 P.M. My call signs were allocated this morning, 3B8DK and 3B9DK - I was happy to get that call as a remembrance of Gene. (Editor's Note: Reference is to her late husband, Gene Souigny, WA6DKW-VR5DK, who passed away on 11 November 1970. Gene's death came on Tonga when the Souignys were on a prior vacation trip.)

Hope to be on the air hopefully by Thursday. Met 3B8AH this morning and will meet 3B8AD on Sunday. Had a grand time in Perth - much too short. One of the pleasant people I met was VK6HD-Mick.....

13 July - Rodrigues

I have met many interesting people on the air from this DX location and have many invitations around the world. Wish that I did not need to get back before Christmas as I could easily be gone for another year. It's going to be hard for me to settle down--am afraid I have the wanderlust.

W6ONZ hears me quite well and I have talked to a number of hams in the Sacramento and Fresno areas.

So far I have made 2,500 QSOs, worked 135 countries, 43 states, all continents and 36 zones. My license in Germany has already been granted with the call sign of WA6FSC/DL. DL7FT, Frank, is giving me assistance in getting a license in Monaco and arranging for inexpensive accommodation. Will probably be there sometime in November.

As far as we can determine the M.V. "Mauritius" should be arriving here some time the last week in July and I will then be going to Mauritius and doing some sightseeing and get organized for the next step of my journey. Plan to leave Mauritius on August 10th for Dar-Es-Salaam, Tanzania where Garth, 5H3LV and his XYL, Dora, will meet me. He is a pilot and we will be flying to Nairobi by way of the Crater. Will spend about a week or so in Nairobi and while there it is possible we may have an eyeball with W2TP who is traveling in Africa with his sister.

Either August 22nd or August 29th I will leave Nairobi for Seychelles where I will join VQ9XX and VQ9YL, Jack and Maureen Roberts who are sailing around the world on a Chinese junk named "The Intrepid Dragon". I will be meeting most of the other hams there as well. We will leave shortly thereafter and cruise to Aldabra where we plan to operate; then possibly to Comoro Islands; maybe Malagasy and then to Beira. Not sure yet where I will leave them. They would like me to continue all the rest of the way but, of course, with my obligations in Jordan and Europe, can not go. They may stop at Ascension and St. Helena, two spots I would love to visit but it is out of the question at this time.

The hams in Mauritius are having a barbecue for me when I return. Also, a slight possibility I might be interviewed on TV regarding my DXpedition to the island of Rodrigues.

Tomorrow is Bastille Day and I have been invited to the home of the local French doctor for a champagne reception honoring Bastille day.

A week ago Saturday we were invited to a 25th birthday buffet by the local Indian doctor who studied in Russia and married a Russian girl. It was her birthday.

Sunday we were invited to Marachal, a Catholic agricultural farm to celebrate the 50th birthday of Father Tom Cullen. He is a charming man and seldom wears his garb and seems so congenial and so easy to talk to. I think he is from Ireland originally but was in the French underground during the war. He will be here for six years.

Saturday night, July 17th there is a dance which I will be attending. Of course, I do not dance but they say it is very interesting to watch and the orchestra is quite sophisticated and good.

Rodrigues is a volcanic island approximately 5 x 9 miles, very hilly and mountainous, rugged country. The principal crops are maize and onions with some beef cattle. The island is almost entirely enclosed by a coral reef with about three or four other small uninhabited islands inside this reef. Population is in excess of 25,000 - Creole being the language most commonly spoken with French being second. Very little English is spoken. The European population numbers less than two dozen, about half of which is involved in some religious order. The Catholic religion is most predominant with one Anglican Church. It is a poor island and suffers severely from the cyclone season in November. Two years ago they suffered a wind in excess of 175 miles per hour. Many times the cyclones occur at the time the crops are ready for harvesting. Many African people live in little corrugated hovels and some even live in thatch huts. The climate is sub-tropical and this is winter here now. It is the windy season and last week we had about three or four days of 65 mile per hour winds continuously. We have lots of short rain showers. There is no airport here although one is in the process of being built; there is no hotel or guest house. The only communication, other than by radio, is via the M.V. "Mauritius". The people seem to be very helpful and courteous. There are a few Chinese Creoles, you can tell that the sea has played an important part in the mixture of the races here with many light-skinned, blue-eyed persons.

...I am keeping well and eat most of my meals in the ham shack. It seems good band conditions (state-side) occur during breakfast and dinner....

Will, CR6IK, met his wife, Mario, CR6YY, on 40 meters and they have been married about ten months. He is in the tobacco business... The DXpedition to Aldabra and Comoro was cancelled, the vessel was sold. But did get ok to operate in Kenya and Uganda.....



19 August - Nairobi, Kenya
Things are a little rough right now - Kenya is not accepting American money until the situation is clarified by Nixon.

Leave for Uganda by car tomorrow with a Swedish nurse and another girl. Will operate for 4 days as 5X5....

Will be in Nairobi until Sept. 6th, will then fly to Amman via Cairo and arrive in Amman Sept. 7th...

From Rodrigues I made 3,540 QSOs, 145 countries, 46 states and 36 zones.

In 5 days of part-time operation have worked 75 countries, 42 states, made 600 plus contacts as 5Z4NE....

31 August - Nairobi, Kenya
Am leaving Sept. 6th via Ethiopian Airlines to Addis Ababa with connecting flight to Cairo. JY1 has arranged for me to be met. I will leave Cairo on Tuesday, Sept. 7th via Royal Jordanian Airlines and will arrive in Amman about 1500 Tuesday. Will probably stay until Sept. 15th - then to Rome and a visit to I1LLZ, Luigi. Will try to operate from HV3SJ but don't know for sure. I will probably get the call JY9DK. Will try to check into the Pacific DX Net and ISSB Net while in Jordan.

Yesterday, Jimmy Kean, 5Z4KZ, came down from Rumuruti and 5Z4ND, Jean Paul Palmquist from Sweden; Sier, the Swedish nurse who drove me to Uganda and I went out to an Italian restaurant for a lasagna dinner.

This morning Jimmy drove me up to Rumuruti (140 miles from Nairobi). I'll stay up here until Friday and then go to a party with 5Z4LW, Bob Hope; Jean Paul, 5Z4ND; Andre Saunders, 5Z4KL and others.

(Continued on page 12)

Darleen

(continued from page 11)

What an experience in Uganda !! No doubt you have read about the tense Uganda/Tanzania situation. It was difficult to obtain a QTH so I operated at the home of some friends of Sier's. Their home is located on a hill on a 5 acre plot with tame miniature antelopes, crested crane, etc. They had a caravan in back of the house and even hired an electrician to put in an electric plug. Fortunately, there was a nice tree adjacent so we put the inverted Vee up about 25 ft. Unfortunately, bad band conditions. Made 520 QSOs, 38 states, about 60 countries and all continents.

I have already gotten licenses for DL - SMØ - LA - OH - Maybe HBØ and HB9, hope to operate from Geneva.

Will be met by Bill, ET3GK, Bill, in Addis-then overnight at Cairo.

6 Sept. 71 - in flight
Andre, 5Z4KL, and Jean Paul, 5Z-4ND, took me to the Nairobi Airport and saw me off this morning on Ethiopian Airways to Addis Ababa.

ET3GK, Bill, who is with the military met me so we chatted about 5 minutes. They wouldn't let him in the transit lounge. He's from Brooklyn, N.Y., and his wife is taking the novice test today.

We then left around 11:45 and my seat mate is an Ethiopian student studying mechanical engineering in Leningrad, and hopes to do his doctorate in California.

We have just landed at Khartoum-just saw the Blue Nile and the White Nile - neither quite accurate or perhaps I'm color blind. At 4:05 P.M. I'm due in Cairo - curious as to how arrangements will work out. The temperature in Khartoum is 97 degrees-just like home. (note: Darleen was raised in Fresno and for the past several years lived in Sacramento)

Andre and Mabel Saunders (formerly from Scotland) 5Z4KL had a party for me Friday night. They've really been grand to me. Bob Hope, 5Z4LW, a Norwegian navigator for East African Airways is taking me to the annual F.O.C. banquet in London on Oct. 2nd.

My very good friend, Jimmie Kean, 5Z4KZ wants you to mention the Field Day activities in Rumuruti on Oct. 23rd. He is very interested in MARN (Masonic Amateur Radio Net) I've been talking frequently to Father Moran, 9N1MM.

10 Sept. - Amman, Jordan
Was met at the airport by the asst. Chief of Protocol and taken to the guest palace where Secretary of State Rogers stayed on his visit, lovely indeed. What a marvelous family!! King Hussein and Princess Muna are the most hospitable people I've ever met.

12 Sept. - Amman, Jordan
Having a marvelous time. Truly the most exciting time of my life. Am staying at the guest palace. Have been doing some operating at the shack of JY1 - a magnificent QTH.

Will attend the meeting of the Vienna Radio Club on Sept. 23rd. May operate HBØ in November, also I may be visiting Leningrad from Helsinki. Will try to visit the club station there.

14 Sept. Amman, Jordan
Princess Muna, the two princes and two princesses left yesterday for London. Very warm happy atmosphere in their home, wonderful children. Have had dinner at the palace each night and lunch nearly every day.

May be operating JY9DK, aeronautical mobile Saturday on my flight to Rome. Have been authorized to operate HV3SJ from the Vatican on Sunday.

So far have worked 92 countries from here but poor band conditions to "6" land. Am taking lots of pictures, hope they turn out. Beautiful weather-warm-like summer. At this moment I'm sitting under the dryer at the Intercontinental Hotel.

Have been invited to operate the 4U station in Geneva. Still working on 3AØ and HBØ.



Ray Mills, 3B8CR

20 Sept. Rome, Italy
I was the third YL and the first American YL to operate HV3SJ from the Vatican, made 110 QSOs.

Also, was allowed to operate JY9DK aeronautical mobile on the Alia flight from Jordan to Rome. Made about 50 QSOs - 15 countries in an hour or so. Then bad QRN so QRTd. Sat in the cockpit the entire flight.

Had an embarrassing situation on Rodrigues. When I plugged in the rig nothing happened-after a day of checking tubes, circuits, etc. nothing appeared to be wrong. Seemed I forgot to insert the socket where the external VFO had been plugged in.

Will try to borrow a typewriter in Vienna to give you all details of Jordan/Kenya/Uganda/Rome/Vatican operation. Am beat and tired. Will stay in Venice two nights on the way to Vienna. Will appear at the Vienna Radio Club. I've operated on every continent except South America so maybe February in Rio de Janeiro as a PY.

29 Sept. Heide, West Germany
...I am leaving Heide for Hamburg tomorrow morning and then fly to London and Birmingham. I will then visit VR2FT, now G3HZG, at Redditch and meet some local hams Friday night. Saturday morning, Oct. 2nd I will fly to London and meet Bob, 5Z4LW and we will go to the F.O.C. dinner.

King Hussein has requested me to make arrangements to get some volunteer hams to instruct theory and code classes for a handicapped school near London. I met a young Jordanian girl about 16 who had a very severe case of polio and he would like to have a club station there and said he would furnish the ham radio gear if necessary. So, I will take care of this with the appropriate people.

Plan to operate the 4U1ITU station in Geneva. Hope to get to the Canary Islands and Spain and have received several nice invitations to South America to operate. I have operated in every continent now except South America so could then make a Worked All Continents-Darleen - Award. This would be in February maybe.

The American dollar has slipped quite a bit in Germany but it's nice to be in a place where it is safe to walk the streets at night and where crime is very low.

The hospitality of everyone thus far has been overwhelming.

(Continued next issue)

reciprocal: SWEDEN

Memorandum on Rules Applicable to Amateur Radio Activities on the part of Foreign Nationals in Sweden.

(Extract from the Code of Statutes of the Swedish Telecommunications Administration, Series B:90 "Provisions concerning the Amateur Radio Service".)

As from the 6th February, 1968, the following rules must be conformed to by any foreign national wishing to obtain a permit to hold and utilize an amateur radio transmitter in Sweden:

1. On condition that there is no risk of the transmitter or the permit being misused, and provided that their use will not contravene the interest of the Community, a permit will be granted to:
 - a) Any foreign national who has acquired the prescribed Radio Amateur's Certificate, and has had his permanent domicile in Sweden for a considerable time, and, on special enquiry, has been considered fit to hold such a permit.
 - b) Any foreign radio amateur, during a temporary stay in Sweden, who has passed an acceptable test made by the authorities concerned in his native country and concerning whom satisfactory information has been obtained and who, on special enquiry, has been considered fit to hold such a permit in Sweden.
2. Any foreign national who has had his permanent domicile in Sweden for a considerable time (see point 1.a) above) shall submit his application according to the same procedure as is applicable to Swedish citizens.

Any foreign radio amateur applying for a temporary permit (see point 1.b) above) shall submit his application via the authorities issuing permits in his native country, which authorities will forward it to the Central Administration of Swedish Telecommunications together with their comments. The application, which may be written in Swedish, Danish, Norwegian, English, French or German, should be submitted early enough to reach the Central Administration not later than two months before the permit is required. It shall be accompanied by a certificate of good conduct (impunity) issued by the police authorities of the applicant's native country.

3. To any foreign radio amateur obtaining a temporary permit there is assigned a call sign, consisting of his ordinary call sign, immediately followed by the characters SM and digit stating the district within which the radio transmitter is to be used temporarily. For traffic exchanged from a mobile or portable radio transmitter the letters M (MM for vessels) and P, respectively, preceded by an oblique stroke, may be added to the call sign.
 4. There are three classes of amateur radio certificates in Sweden (designated A, B and C). The licensee who holds a certificate of a certain class is only entitled to use the powers, frequencies and classes of emission prescribed for the certificate class concerned in accordance with the stipulations of paragraph 9 of the "Provisions concerning the Amateur Radio Service". A licensee for a foreign radio amateur is issued to be valid for the Swedish class of certificate corresponding to the class of certificate assigned to the licensee in his native country.
 5. Any foreign radio amateur who has obtained a permit to hold and utilize an amateur radio transmitter in Sweden has to follow the directions stated in the Swedish Provisions concerning the Amateur Radio Service mentioned above.
 6. For permits issued for a period of validity not exceeding 30 days no fee is levied. If the period of validity exceeds 30 days, a fee is levied which is calculated at the rate of 1/4 of the regular annual fee (40 Swedish kronor), for each period of 3 months or fraction thereof.
 7. The documents of application should be addressed to: The Central Administration of Swedish Telecommunications, Radio Development Section, S-123 86 Farsta, Sweden.
- Further particulars concerning amateur radio licenses for foreign nationals in Sweden, and concerning the necessary formalities to be observed in this connection, can be obtained by telephone number 08 - 713 21 62.



The Central Administration
of Swedish Telecommunications
Radio Development Section

Application for a licence to operate an amateur radio station in Sweden



I, the undersigned, hereby apply for a temporary permit to hold and utilize an amateur radio transmitter in Sweden during the period

Name in full	Date
Address in my own country	Profession
	Nationality
	Date of birth
Object of the stay	Place of birth
References in Sweden	Call sign
Member of the following radio amateur organization	
Fixed station	
Address	
Mobile station	
Vehicle registration number	
Place and date	Signature of applicant

The application given above should be sent to the proper licensing tele administration in the applicants native country. The administration concerned is requested to deliver below (under Pronouncements) an opinion on the actual application and then forward it to the Swedish Administration under the address:
Televerkets Centralförvaltning, Radioutvecklingssektionen, S-123 86 FARSTA, Sweden.
The application should be handed in early enough to arrive at the Swedish Administration at least two months before the licence is required. Certificate of good conduct issued by the Police is to be enclosed.

Pronouncement									
rem rps den	öter den	rem fst den	öter den	anropssignal	tilstånd nr	uff. den	exp. den		

Only for use by the Swedish Administration



7,255 kHz

WCARS PRESIDENTS

1963 - 1964 (Founder) Jim Hartwell K7FER/K7UDG
 1965 - 1966 David Atkins W6VX
 1967 - 1968 George Lyle K7ZAU
 1969 - 1970 Wayne Nail WB6CBW
 1971 - Bill Schwarz K6KZI

Starting in early 1963 on 7220 kHz, the Net had 170 members in June, 1966 when the switch was made to 7255 kHz; and in October 1970 there were more than 800 members in seven western states and Mexico.

The West Coast Amateur Radio Service, Inc. is an organization of dedicated amateur radio operators who monitor 7255 kHz daily from 0730 to 1700 Pacific Time or later in an effort to serve the public and other radio amateurs by assisting in emergencies, handling traffic, and facilitating contacts. They are the official amateur radio contact for the California Highway Patrol and work in cooperation with the Mexican Red Nacional de Emergencia, a comparable amateur radio emergency network, DHEW, the official net of the Department of Health, Education and Welfare, and others.

Once in response to a QST placed on the net by sightless amateur K6EJT hundreds of hams all over the West cooperated to spread a description of a car with a child that had been given an incorrect and potentially lethal prescription. W6FKQ, Arthur Sinclair, located the car and prevented the grateful parents from administering additional doses.

WCARS has helped hundreds of people by having an ambulance on the scene a little faster to save a life, a fire engine putting out a fire a little sooner, a highway patrolman and tow truck to an accident to keep our freeway traffic moving, a gallon of gasoline to a stalled vehicle and providing communications in emergency areas.

Less dramatic but very heartwarming are the number of phone patches run for servicemen on maritime mobiles - most ships call in on 7255 whenever in range for any kind of help they might need on shore. The same is true on other bands - whenever a station indicates he has some kind of urgent traffic for the West Coast during the day he is often helped by a relay through WCARS or a station coming from 40 to 20 or 15 to help out. Other services have included the ARRL Pacific-Southwest Division Convention, Fresno and Oakland Hamfest "talk-ins" all at the invitation of the convention arrangers.

A noontime practice session is held daily at 1200 Pacific Time to prepare the members to act with efficiency and effectiveness in the event of an emergency or disaster.

In order to handle these varied situations, Net members have adopted several procedural signals which are now finding wide acceptance on other nets and frequencies.

Mobileers heading for the west, more and more, get the word to "call in on 7255 kHz" for any help they might need on the highway. Guiding people through mountain passes and metropolitan freeway mazes is old hat to this able group calling themselves the West Coast Amateur Radio Service.

BREAK-BREAK-BREAK- Emergency only, all stations stand by. Woe betide the unwary station using the triple break for casual interruption.

The unique organization monitors 7255 kHz every day during the daylight hours "in an effort to serve the public and other radio amateurs by assisting in emergencies, handling traffic and facilitating contacts" (WCARS Bylaws). The service net utilizes fast break-in and brief transmissions to maintain an open calling frequency for use by mobiles and others.

BREAK-BREAK- Has come to mean priority or urgent type traffic.

CONTACT- Used to notify Net Control that one wishes to contact a station just heard.

INFORMATION- Indicating to Net Control that one has information pertinent to the business at hand.

RECHECK- Indicating to Net Control that one has failed to make contact with a station just previously moved off 7255 kHz.

WCARS holds a formal net session with roll call and formal traffic listings at noon Pacific local time daily consuming approximately 30 to 45 minutes. Net discipline is rigidly maintained during this period (no personal names are used, for instance) in order to train members to operate with efficiency and effectiveness in the event of an emergency or disaster. The bulk of the service, however, is performed during the remainder of the day with informal net operation maintained as base stations pass "Acting Net Control" on to the next taker with no set schedule.

Day in, day out, 365 days a year, it's mainly routine situations: signal reports, request for a phone patch, all manner of miscellany, but punctuated by the occasional electrifying emergency "BREAK, BREAK, BREAK."

Many stations monitor for hours at a time without ever making a transmission because they find it much more fascinating and satisfying than casual operation. The most important thing to many mobiles and portables is the secure feeling that a broad service ranging from signal reports to emergency aid on the highway is no further away than the mike button. To all participants, it's where the action is.

Ten to twenty emergency messages are handled nearly every month - like the rainy day in April when mobiles called in four different unreported traffic accidents within 15 minutes in the middle of formal net session. Each individual accident took less than two minutes from the emergency triple break to "phone call completed" by a base station - all with net operation proceeding normally in between.

Other less typical situations included back-up of a sinking raft near the Galapagos Islands, helping a snow-bound ham get aid, calling an ambulance for a mother going into labor, and providing vital communications during several floods in Utah and California.

(Continued on page 19)

Learning Spanish in Mexico

Bob Moore, W3AXR

We've just returned from Cuernavaca, Mexico after six weeks there. My lady (Erica, WN3NOK) and I went down there for the purpose of studying Spanish at a small school.

This turned out to be such an exhilarating experience for us that we wanted to share it with other Worldradio readers, since many of them are probably language enthusiasts, like Erica and me.

She is a language teacher (Russian), and native to Hungarian. With the help of the U.S. Foreign Service Institute course materials, she has been teaching me Hungarian. But neither of us had ever studied any Spanish.

When we decided to give it a try, having already seen the progress possible with the direct (audio-lingual) method of language teaching, I inquired around about schools using this approach. It's the method the Peace Corps uses to turn out volunteers who speak exotic languages in three months. The FSI and the military in this country both use it. The word came back from quite a few sources, actually, that just two or three schools in the western hemisphere have built a reputation for themselves by using successfully this very technique.

Two of them were in Cuernavaca, Mexico. We picked CALE (Centro de Artes y Lenguas) because they offered teachers with the greatest experience and a totally Spanish speaking environment.

It's hard to express the excitement we felt in this un-school-like atmosphere. The direct method of language instruction requires no memorizing of verb conjugations, no lessons in grammar. We were bombarded by conversation and made to converse, totally in Spanish, from our very first moment. We never heard a word of English after that.

What a thrill it was to go back into the street understanding the people and be able to negotiate with them! Most of the mysteries and complexities of the language were rendered comprehensible in only three weeks. The natives who didn't know, couldn't believe we had been there only that length of time, with no prior knowledge of their language.

I should point out that even in six weeks we managed to complete only a bit more than half of the basic course, which, as in the Peace Corps, would require from three to four months of full time study. We spent six hours a day at it - that is until we couldn't stand not being back in class for the late afternoon and evening. Then we doubled our enrollment and spent 12 hours a day in class! If it hadn't been one of the most thrilling experiences of my life, I'd have pooped out at midday.

Somehow CALE managed to assemble a thoroughly competent, young and enthusiastic staff, each as patient as Job, each vigorous and demanding, yet completely supportive of their struggling students. Truly a rare lot; I'd make exposure to their classrooms a necessary part of every teacher's training.



Erica Moore, WN3NOK

The students (never more than four in one class) were themselves a delightful cross-section of young America, including teachers, social workers and others on the move into Latin America and in need of instant Spanish for business or pleasure.

One of the best parts to an old Scot like me was the price tag. Unlike some of the expensive Stateside alternatives, CALE charged only \$27 for a full thirty hour week.

And a word about Cuernavaca for folk with a yen to retire. Here's a mountain location where you can't work up a sweat in the dead of summer without playing a swift game of tennis. You'll never get cold enough to need central heating, but we slept comfortably under one blanket in August. And by written agreement with local tourist bureaus, it only rains at night. So help me!

I hope other "Worldradio" readers in search of a language learning experience turn up as truly fantastic an opportunity. We're going to be repeating this summer over and over for many a chill Pennsylvania winter night to come.

take pictures



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feedback

In order to properly serve our readers we cordially invite you to send in any comments, suggestions, ideas, advice and yes, even criticisms.

We also desire to receive any news and information. Share your knowledge and experiences with your fellow amateur and Worldradio reader.

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Sister Mary, WA5VBM

There will be some new faces among the Net Controls for the afternoon roll call session. Bill, W3YHR, located in Washington, D.C., will be taking up on Wednesday afternoon and Vivian, WB8BUD, located in Cincinnati will be assisting on Fridays. WB6BST, Paul, in Long Beach, Calif. will be trying his hand on Tuesdays in the evening roll call. We sure have needed someone from the west coast to help out.

Don't forget the Standard Time will go into effect at the end of October. This will affect both nets, but in different ways. The afternoon roll call will change GMT time, but local time will remain the same. For example: the net will begin operation at 1900 GMT instead of 1800 GMT GMT, but it will still be at 1:00 P.M. CST if it has been beginning at 1:00 P.M. CDT.

The evening roll call will remain the same time GMT - 0100 GMT. It will change locally for all stations changing from Daylight Saving Time to Standard Time. For example: If the net has been beginning at 8:00 P.M. CDT, it will change to 7:00 P.M. CST.

This will cause some confusion on both nets for a few days, but we will announce the change as often as we can on the air. It is hard to break old habits. (hi)

Corresponding Secretary of the IMRA, Marie Sutter, WA8JLF, will be attending the University of Missouri in Columbia, Mo. for the next 9 months. Marie's address is 109 Columbia Terrace, 1205 University, Columbia, Mo. 65201. Her phone number is (314) 442-0397.



Marie Sutter, WA8JLF, center, with Kanitha Wilairot from Thailand and Don Ellison, student assistant. Seminar on "Education and Community Development."

Anyone wishing to have the new addenda for the membership list should send a stamped self-addressed (sase) requesting same to: Brother Bernard Frey, 175 Milton St., Milton, Mass. 02186. There are approximately 20 new members-lots of address changes and a couple of silent keys. Write for your list.

Cay Swett, formerly YNICSS, is now in the Canal Zone. She hopes to have her KZ5 ticket soon and sends her regards to all IMRA members.

"Tex" Barbarite, W3FUS, is now at her new QTH-Box 359-C, Marriotsville Rd, Randallstown, MD 21133. Her phone is (301) 655-3532. No antenna up yet, she needs manpower, technical know-how and two new coils for the beam. The coils have been ordered by mail but no catalog lists the manpower.

The ex-president of IMRA, Pat Healy, WA4VWJ, has moved into his new home. Still in Ft. Lauderdale and still with the same phone number, the new address is 1520 N.E. 40th Ct. Father Phil Pick, HR2FP, recently stopped at Pat's QTH when he was on his way back to Honduras and reports that Pat's new swimming pool is great.

IMRA President's QTC

"And who is my neighbor?" That question was once answered by Christ's parable of the Good Samaritan. Today radio amateurs re-enact that parable in a unique way. The Samaritan found the half-dead victim along the road he traveled. He placed him on his "carrier" and brought him to where he would receive proper care. The dedicated amateur operator likewise finds those in need of help along the "roadways" of the amateur bands. Figuratively speaking, he puts the victim on his carrier (suppressed or not) and brings him to where proper help can be given.

Yes, how often, through regular or emergency nets, through groups and individuals has our amateur service meant the difference between life and death for someone? How often has it been the only source of information from a stricken area? If that Samaritan hadn't come upon the helpless victim, no doubt he would have died. And how often if some amateur had not been on hand would the help or aid needed not have been given?

Some may call it our hobby, but there's more to it than that. It is a real service to our fellow-man, no matter where he is. Radio makes him our neighbor in a special way.

Father Len, W6BSO

Stan Wilson, WB4RHI, wants to buy a VFO for a KWM-1. Anyone who has one, please contact Stan. (He has already tried Collins Radio-nothing there.) It will be going to a missionary in Ghana. SOS.

(Continued on page 18)

Worldradio has, on several occasions, vowed to steer clear of the controversies that swirl about and buffet Amateur Radio. However, inadvertently it seems controversy of another nature came our way.

Two issues back we printed an FCC decision regarding a petition for rule making to amend the Amateur Radio Service Rules. The petitioner had asked that the rules be amended to allow discussion of political matters such as anti-war, Indochina, etc., on the air and to rescind warnings and citations issued between May 5th and June 1st, 1971, that had to do with amateur operators activities involved in opposition to government policies.

The FCC said there were no restrictions on subject matter except the obscene, indecent or profane and stated the citations were issued because the stations involved were soliciting funds (contrary to the amateur rules) and not because of a discussion of political matters.

Then the letters came in. We were accused of printing a gross attack against the hobby-downgrading America-and told to keep people like the petitioner and other hippies out of the paper.

We did not print a gross attack against the hobby. We printed an FCC ruling -word for word- no additions, no subtractions. We feel we would have been most remiss in our obligation to our readers to not print FCC news regarding amateur radio. We would be a pretty sorry excuse for a news source if we just printed those FCC rulings we agreed with, and discarded the remainder.

If someone doesn't like something, not being informed of its presence will not make it go away. When a newspaper tells of an accident or a fire, that does not mean the paper is in favor of fires or accidents. Not reporting on a subject will not make it go away.

In fact, without a public alerted to the dangers of fires and accidents there would be more of them.

One should remember that there were wars and all manner of crimes long before there was a printed word.

A lack of information is more dangerous than being informed. If the day ever comes that the press merely reports on positions it favors, or people only read that they agree with, and don't want to see anything else, the press, the people and the country will be in deep trouble.

Then the following issue we featured Senator Barry Goldwater. We got the message that there are those who don't care for Mr. Goldwater. Well, all we can say to them is that if Senators Muskie, McGovern, Kennedy, etc., should get amateur licenses, be as active as K7UGA is, and address an amateur radio convention we shall cover their remarks. And thus we should cover his.

If any newspaper were to delete items that they knew someone wouldn't like they would eventually end up sending out blank sheets of paper.

Worldradio, of all things, was founded on the principles of reason, understanding, cooperation, conciliation and service to mankind. With that in mind it should be obvious that no particular political position is going to be advocated or even leaned towards. To do so would defeat part of our own purpose.

We intend to be fair and impartial. If one reviews the history of the American press he will find that they weren't worth the paper they were printed on until they stopped being under the control of political parties and other groups.

One can not base deletions on one's own personal preferences for that may be a subject in which a great many readers are interested in. To present a fair paper one must strive to overcome one's own favoritisms as well as dislikes.

The incidents remind us of the 1960 presidential elections. Time magazine received stacks of letters which which were equally divided in their positions. Half of the people reading the same articles accused the magazine of "blatant support of Nixon", the other half were protesting the magazines "obvious pro-Kennedy" position. Such inconsistencies help account for the dazed condition editors find themselves in. They are baffled.

There is an old axiom in journalism- "When you get socked by both the Right and the Left, that means you are doing a good job."

While we hope to do a good job, we do not wish to "get socked" in order to prove it.

We are thankful, considering the type of audience we are attempting to aim this publication towards, that the adverse feedback represented but a very small minority of the readers. But it was enough, and you always assume that there are others who left their feelings unstated, to call for an attempt to make the philosophy of this publication a little clearer.

And this, we hope, is the last time we have have to use this space on such matters.

It must always be remembered that if we have no tolerance for a view different than our own, there will be no tolerance for ours. If we are able to repress the views of others from being printed or heard they may, if the system should allow such, succeed in repressing our views.

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(Continued from page 16)

Excerpts from officers meeting, Sept. 22, 1971.

On frequency were: Father Len, Brother Bernard and Sister Mary. Father Phil Pick was excused while passing traffic off frequency. WA4VWJ is still off the air after his change in QTH, as is W3FUS. WA1LES's rig is down. WA8LEI has class at the University of Missouri and others were unaccounted for.

Under discussion, with provocative questions proposed - the value of the monitoring system as it is presently constituted. Why it is not being used by the missionaries. Are we wasting valuable time and personnel? Decision -- to make inquiries as to whether missionaries want the monitoring to continue or phase out. Let's hear from the members.

Comments from El Presidente: "The IMRA is really growing into a useful network. When I think how we used to struggle through, first meetings just one hour each week...and look now at the two nets in operation, there is no question but that things are really moving out with the International Mission Radio Association. The word is out--I suspect that the Holy Spirit-the Spirit of Communications (that's His job, isn't it?) is very interested in the International Mission Radio Association and is providing lots of help. Theology teaches us that the Holy Spirit went on two missions--one internal to the Trinity and the other to mankind. I add, He is on a third Mission; to the International Mission Radio Association. The word mission stands for His Mission." Father Len Bose in a letter to Sister Mary.

feedback

The paper is very interesting, and I am glad it contains things personal... Dr. Phillip Miller, WB6QOQO

Please accept my wishes for your increasing success... Anthony Borgia, Lt. Col., AUS Ret., K6DR

I have often said that ham radio should help people - Worldradio certainly does that... Hank Niemeyer, W6KKI

Extremely interesting and informative. I am especially interested in travel, and further information about the possibility of a group package trip (Worldradio 9 Sept. '71) to Curacao... Helen Miller, WA6EZI

Finally, a publication devoted to the amateur radio service. I feel at home here, and look forward to receiving news about my new-found friends and acquaintances... Fred Dietrich, Ph. D., W6MOH

I like the fact that you have no axe to grind with 73, QST, CQ or anybody else. And no phone vs CW, etc., etc., stuff. This is what we operate for - a public service - not just to have fun... John Abbott, W6ZOL

May I congratulate you on your publication. It's like good wine... getting better with age. It is not only very interesting but it is exciting. As I read the last issue, I could not help but compare Worldradio to the average daily. The latter is filled with "bad news", such as murders, robberies, all matter of depressing things, whereas the former contains naught but "good news"... what people are doing for people, instead of what people are doing against people. My advice: Keep it up !!! Father Leonard Bose, W6BSO

I applaud any effort to increase better relations with our world-wide neighbors, and Amateur Radio is a very good tool for this... Bob Huebner, K5IMF

Looks like you will have news that I could not get in any other place... Joe Mc Clain, W9KMY

From the "FLYER"-Rochester Amateur Radio Club and Handi-Ham System of Minnesota - "The purpose of the endeavor is to tell the World about Human Interest stories in Amateur Radio. Its first few issues have been intensely interesting and thrilling!!! ... We heartily recommend this fine publication... that stands for the Best-In People."

My son, WA6CRN, Bill Sprague, who is secretary of MARCO, so highly recommends Worldradio, that I am subscribing... Dr. Lindley Sprague, K9WRE

Certainly fills a void... Sylvester Connolly, W1MD

Thanks for what you are doing for the many interested readers... Sister Mary Louise Hughes, WN8ZTA

A refreshing look at what is really worthwhile in our hobby... Dr. Jim Hendry, VE4DQ

Talk about human interest approach... even my wife enjoys reading Worldradio! From Worldradio I followed the Oscar flight path and joined the Mosaic Amateur Radio Net, neither of which I would have heard about otherwise. Keep up the good work... Greg Knapp, WA6MIN

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WCARS

(Continued from page 14)

QUESTION-Indicating to Net Control that one has an inquiry regarding the business at hand.

The one important procedural rule is "never say more than one brief sentence without dropping your v. o. x. or mike button!"

Sideband is the usual mode but any signal that can be copied by any station will be helped. In one notable instance a mobile with a microphone out of action reported a car on fire on a freeway in a jerky but readable c.w. by keying his p.t.t. button.

The variety of participants in the Net operations indicates the wide respect that the Service holds. The California Highway Patrol is a charter member of the Net with three Patrol-owned amateur transceivers and Patrol amateur operators available to maintain official liason with the Net under prolonged emergency conditions. The Net maintains regular contact with Red Nacional de Emergencia, the Mexican Emergency Net. Active members and participants in WCARS include members of the U.S. Dept. of

Health, Education, and Welfare- Amateur Radio Emergency Communication System and the California State Health Amateur Radio Emergency Service.

The Net is a non-profit corporation with a set of by-laws, officers, and directors. Information regarding joining the group may be obtained from any net officer. Daily monitoring operations are under the overall guidance of the Net Officers and the seven regular Net Control stations who run the formal noon session. Actual operation outside the noon session is quite flexible and informal with a minimum of administration or red tape. Members traveling can recognize others by the distinctive red, white and blue decals and jacket patches. The official club station call sign is WA6UPA.

The success of the West Coast Amateur Radio Service indicates that the concept of calling frequencise is exceptionally valid and useful so long as there is enough utilization to keep it open. Is the success of WCARS a flash in the pan or will the concept expand and spread? The needs obviously fulfilled by the present operation guar-

antee its continuence. Travelers have spread the message about the effectiveness of this type of operation from Europe to Australia. Others have established a similar service in the Mid-West(MID-CARS, contact Marv Cook, W9WWE) and on the East Coast EAST-CARS, Contact David Flinn, W2CFP). The Western Public Service System(Contact Theda Nail, W6BSW) is also a similar type service at night on 3952 kHz. Over fifty percent of the WPSS members also belong to WCARS.

WCARS will undoubtedly grow and provide more services. Why? First, it is an extremely logical utilization of amateur capabilities to fulfill a growing need. Second, a broad segment of the amateur population likes to be where the action is. Third, they find the combination of action with the "service" aspect of the amateur radio service most satisfying. To put the most important reason for its success in a nutshell-it works!

For information regarding WCARS membership contact- Len Clark, W6-GFQ, 1028 N. Kingsley Drive, Los Angeles, California 90029

Worldradio

NEWS - every three weeks

25
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WA6FSC-VR5DK et al.
Darleen Soulligny
around the world

Late News

this space is for last minute news or information - deadline: 26 hours before mailing - call (916) 456-6725 with news. This issue of Worldradio was mailed to subscribers on 5 October.

On 26 September a Mexican cattleman who had suffered a heart attack was safely evacuated from an isolated area in the rugged San Pedro Martir mountains of Baja California. An airplane, piloted by Jerry Sickerose, landed at the 7,000 foot elevation location to take to victim to a hospital. No other aircraft had ever landed at the high meadows of La Grulla.

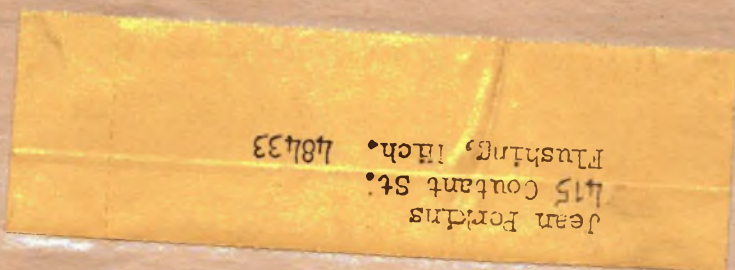
Many amateurs furnished radio communications for the effort, among them were: KE1PAM, XE2BY, XE2NMR, W6NPV, K6MVF, K6SMT, W6YSP, W6HCD, WA6SNE, WB6YFT, WB6OIX, K6RAU and others.

In the next issue of Worldradio will be the complete story of the role amateur radio played in a life-saving mission as reported by A. Nash Williams, W6HCD, and Wes Novotney, W6YSP.

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