

Worldradio

27
Dec.
1971

international friendship-local public service



Rancho Sordo Mudo

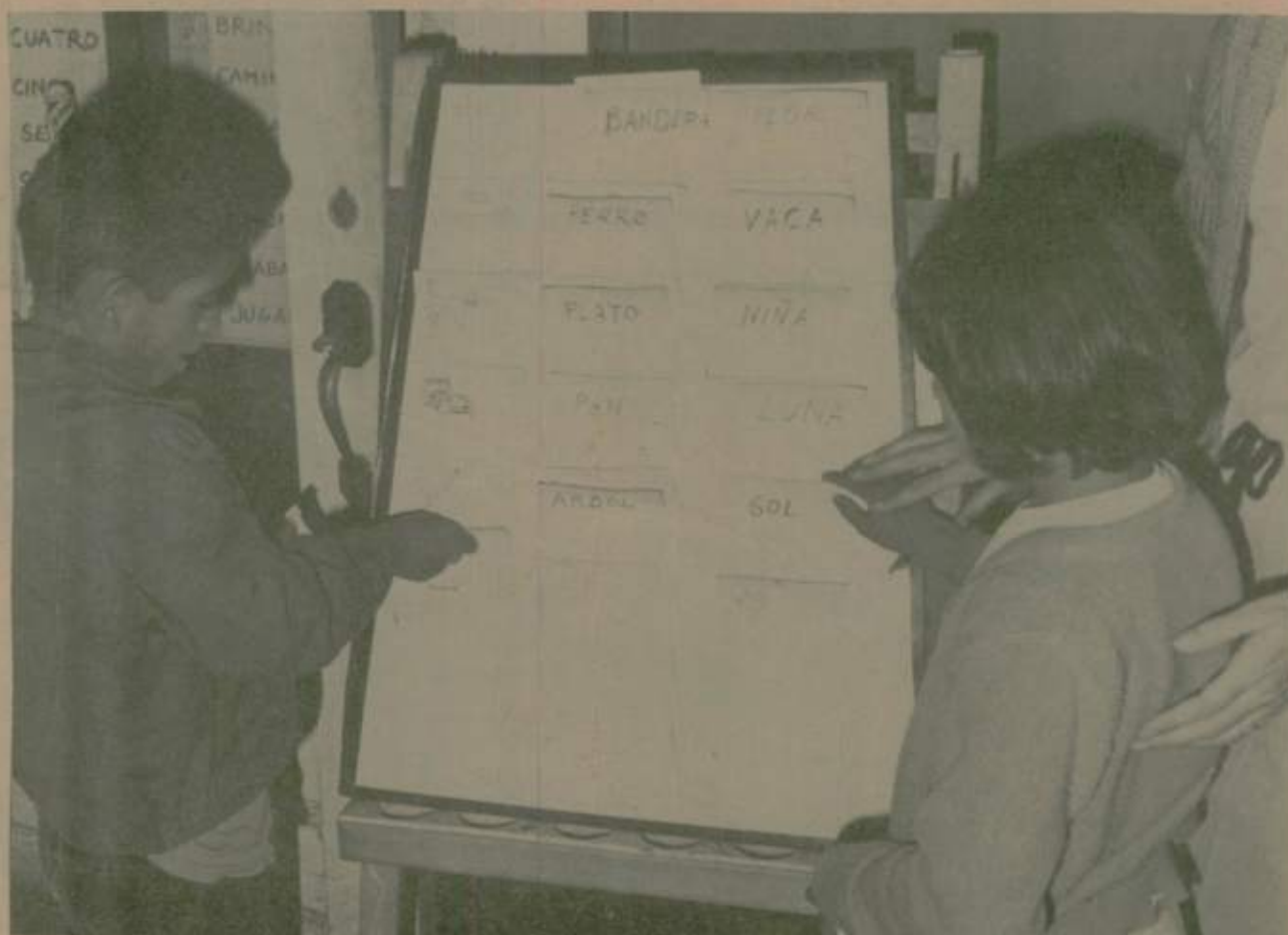
Ranch for Deaf Mutes

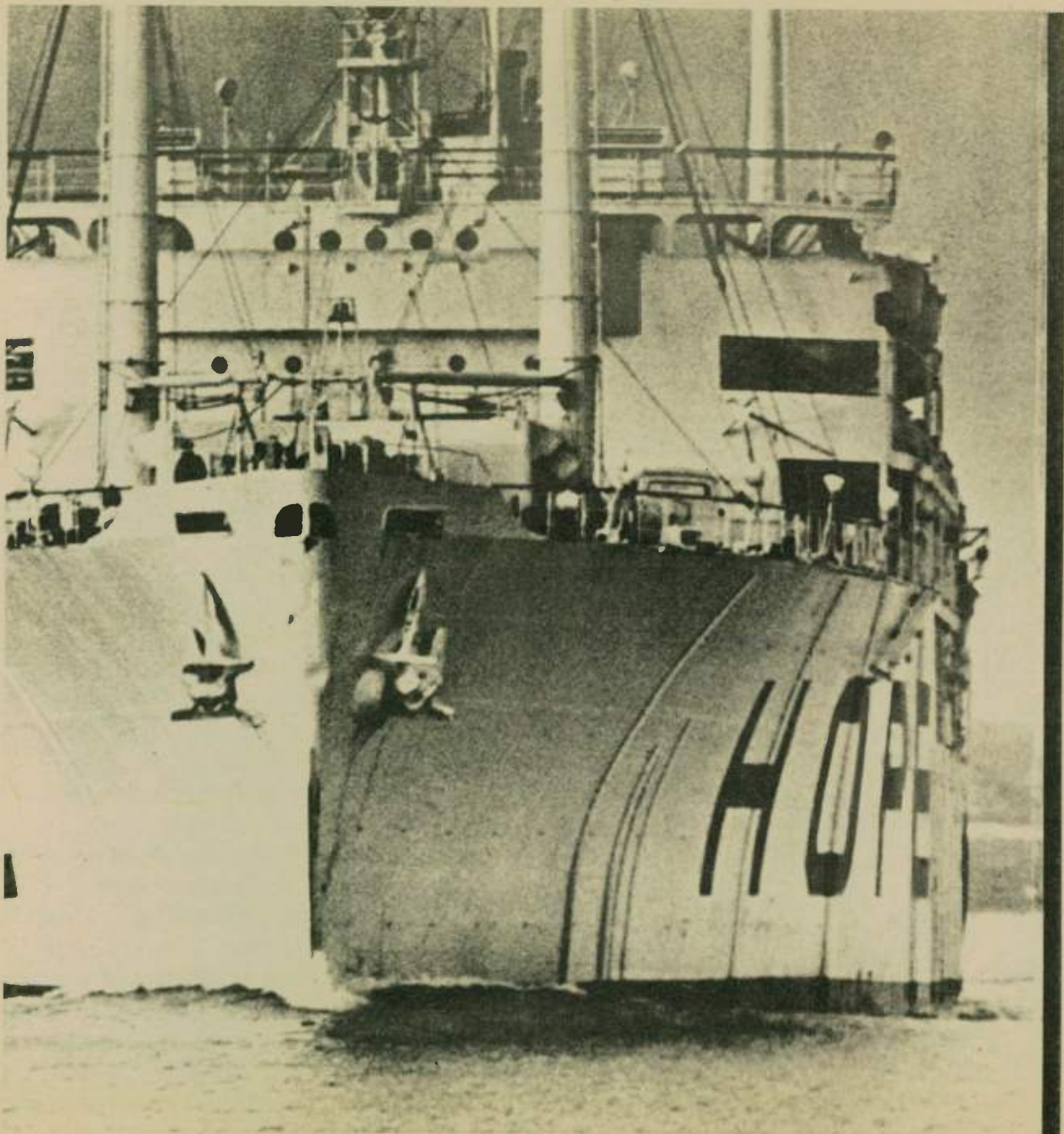
Stan Kellogg, W6KPR

Looking to Ed Everett, XE2 YX, for help are 15 deaf mute children. Coming from very poor homes, the children are taken to Rancho Sordo Mudo by relatives, Mexican pastors, social workers and police. Lacking either a father, a mother, or both, the school located one mile south of Guadalupe is the last hope for the children.

Operating the ranch on faith and without any outside agency raising funds, Ed and Margaret Everett give the children a home, clothing, food and medical care. Teaching them sign language and then to read and write, read lips and then to speak, if possible, the goal is to eventually send them back out as productive citizens.

(Turn to page 12, please)





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What's happening

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Worldradio

an international newspaper

Vol. 1, No. 9

27 Dec. 1971

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fellow amateur and Worldradio
reader. Photographs will be cared
for properly and returned. We are
most interested in your comments,
and suggestions.

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Subscriptions and advertisements,
essential to the support of this
project, will be very thankfully
received.

COMMUNICATIONS

FCC

HIGHER SPEEDS FOR AMATEUR
RADIO TELEPRINTER OPERATIONS,
AUTHORIZED BY FCC.

notices

Part 97 of the rules has been amended by the Commission to permit use of the speeds 60, 67, 75, or 100 (wpm) words per minute in amateur radio teleprinter equipment (Docket 19110).

A Notice of Proposed Rule Making (FCC 70-1308), released December 7, 1970, proposed that the Rules be amended to permit amateur teleprinters to use 60, 75 and 100 wpm speeds. The action was in response to suggestions by Keith B. Peterson, W8SDZ, and R. Bruce Peters (WB-LRS), who also suggested the use of 67 wpm.

Supporting comments stated that adoption of the proposal "would increase the message handling capability of amateur teleprinter stations and make the most efficient use of air time; that such ability would be especially important during emergencies; and that the availability of higher speeds of operation" would promote experimentation and stimulate the development of new associated amateur skills and techniques in keeping with the basis and purpose of the Amateur Radio Service." The Commission said the comments generally agreed with permitting use of the 75 and 100 wpm speeds, but many urged that the use of 67 wpm be permitted also since it is an international standard for interna-

tional teleprinter operation and for international maritime mobile radio-teleprinter service and its exclusion would exempt many foreign teleprinter contacts."

The Commission denied proposals for adoption of the eight-level standard code--the American Standard Code for Information Interchange(ASCII)--in addition to the five-unit (start-stop) teleprinter code presently allowed. It said that the government and non-government users of radio teleprinters in the HF bands "conservatively estimate that they will not use the ASCII code for the next ten years because of the large quantities of five-level equipment now on hand." Therefore, the Commission added, it would not be "economically feasible to spend public funds for the purchase of eight-level equipment to be used solely for the purpose of determining compliance by stations in the Amateur Radio Service."

Proposals to limit the bandwidth of higher speed teleprinter transmissions to that of the bandwidth required at the 60 wpm speed, were also denied by the Commission. It said it had not found it necessary to specify bandwidth limitation in the Amateur Service Rules since other parts of the Commission rules may be used as a "guide in determining what is

considered in accordance with good engineering and good amateur practice." It added that the bandwidth difference between teleprinter operation at 60 and 100 wpm is only a little more than 100 Hertz and is considered in accordance with Commission standards for existing commercial teleprinter operation."

The Commission said it concurred with comments that inclusion of the 67 wpm speed has merit, and made provisions for its use along with the other speeds.

The amendments to Section 97.69(b), which will become effective January 7, 1972, will specify use of 60, 67, 75 or 100 words per minute is normal transmitting speed for radio teleprinter signal keying equipment. The Commission said that the transmitting speed selected should be adjusted as closely as possible to 60, 67, 75 or 100 wpm, and in any event, within the range of plus or minus five words per minute of the selected standard speed.

Action by the Commission November 24, 1971, by Report and Order. Commissioners Burch (Chairman), Bartley, Robert E. Lee, Johnson and H. Rex Lee.

-FCC-

ARRL

Official Bulletin #349-Nov. 20, 1971
The ARRL Committee of Tellers met today to count ballots in the elections just concluded for ARRL Director and Vice-Director. The number of votes credited to each candidate is as follows. The first listed candidate is declared elected for the next term of office.

Atlantic Division for Director
Harry A. McConaghy, W3EPC, 2,942
G. W. Hippisley, Jr., K2KIR, 2,077

Atlantic Division for Vice-Director
Leslie Bieberman, W3KT, 2,302
Harold C. Smith, WA2KND, 1,425
George S. Van Dyke, W3HK, 1,294

Delta Division for Vice-Director
Franklin Cassen, W4WBK, 921
John B. Sanders, WB4ANX, 599

Great Lakes for Director
Alban Michel, W8WC, 2,887
Leonard M. Nathanson, W8DQL, 1,513

Great Lakes for Vice-Director
Richard A. Egbert, W8ETU, 2,284
Curran L. Skutt, W8FSZ, 826
Mary Ryden, K8ONV, 823
Henry Zimmerman, K4FU, 549

Midwest for Director
Ralph V. Anderson, KØNL, 963
Raymond L. Keller, WØDU, 563
Bruce Osmundson, WAØIRP, 522
C. W. Wade, WØINH, 331
Eugene V. Weiner, KØCKX, 123

Midwest for Vice-Director
Paul Grauer, WAØLLC, 709
Russell R. Ritzman, WAØLGR, 557
Richard W. Pitner, WØFZO, 473
Ronald Schweppe, KØEXN, 415
L. C. Chuck Miller, WAØKUH, 350

Pacific for Vice-Director
Albert F. Gaetano, W6VZT, 1,344
Larry Reed, W6CTH, 607
Lee R. Wical, KH6BZF, 476

Southeastern for Director
H. Dale Strieter, W4DQD, 1,356
Philip Mc Masters, W4BCZ, 691

Southeastern for Vice-Director
Larry E. Price, W4DQD, 1,356
John Porter, W4KGJ, 1,269

The new Directors and Vice-Directors take office starting January 1, 1972. As of that date the following additionally take office likewise for two year terms in view of election procedure previously completed. Canadian Division Director Noel Eaton, VE3CJ; Dakota Division Director Larry J. Shima, WØPAN, Delta Division Director Max Arnold, W4WHN; Pacific Division Director J. A. Gmelin, W6ZRJ; Canadian Vice-Director A. George Spencer, VE2MS; and Dakota Division Vice-Director Edward C. Gray, WAØCPX. See details of these earlier actions page 78 November QST.

WILLIAMSPORT SUN-GAZETTE

Williamsport, Pa., Friday, September 10, 1971 13

Son Stricken in Germany

Local Couple Helped By 'Ham' Operators

Mr. and Mrs. William J. Shannon recently learned that kindness can extend for thousands of miles.

On Sept. 1, the Shannons got a cable from their son, John, saying he was ill in Heidelberg Polyclinic Hospital, Heidelberg, Germany. He had been on vacation in Europe. He is head of the music dept. at Wyoming Seminary, near Wilkes-Barre.

Mrs. Shannon called the hospital, but was told that no John Shannon was listed.

"We were really worried," recalled Mrs. Shannon. "John wouldn't have written unless he was seriously ill."

The Shannons, who live at 101 Lincoln Avenue, tried to contact their son by cablegram but with no success.

Finally, they went to the Red Cross, but that attempt also failed. The Red Cross suggested however, that Mr. and Mrs. Shannon try to contact Germany by ham radio.

Mrs. Shannon's brother, Robert Stout, put them in touch with Donnell Godfrey, the past president of the West Branch Amateur Radio Club.

"Mr. Godfrey is the hero of this story," said Mrs. Shannon. "He's the one who helped us to get into contact with someone who knew about our son."

On his radio, Godfrey contacted

Guenther Herzog in Hemer Germany, about 250 miles from Heidelberg.

Fortunately, Herzog had a friend who was on the staff at the Heidelberg hospital. Herzog learned that John Shannon was indeed in the hospital and seriously ill with a strange type of virus.

"They aren't sure what type of virus John has," his mother continued, "but one doctor in Austria said that he could have gotten it from eating bad meat or ice cream."

Herzog has offered his home to John when he leaves the hospital if he needs rest before returning home.

The Shannon's oldest daughter, Carol, a stewardess for Allegheny Airlines, flew to Germany to see her brother. "The doctors said that seeing her was the best medicine," the mother said.

Carol called her parents last night and told them that John was much better. She plans to bring him home soon. It will probably be a while, however, until he returns to teaching.

Mrs. Shannon was much relieved today after the trying experience. "It seems like a small world," she said, "when people like Mr. Godfrey and Mr. Herzog will go out of their way to help you."

Donnell Godfrey is K3QFW, Robert Stout is W3NEN.

AMERICAN ASSOCIATION OF RETIRED PERSONS



ROCAARP GOES ON THE AIR when this chapter president, William Fuller calls the roll from his network control center, WA6LVA, in Los Angeles.

Turns Hobby into 'National Network'

93 AARP Members Reply When This Chapter President Goes on Air

LOS ANGELES—When AARP chapter president William Fuller calls the roll, members answer from all over the nation. With the common bond of AARP membership and amateur radio operation, 93 members who have never met personally reply to their president's "Q-S-T" (radio operators request for response) and begin their meeting.

Fuller, 68, an amateur radio operator for 20 years, has turned his part-time hobby into a full-time interest since his retirement from machinists work three years ago. And now his primary interest is in promoting the philosophy and goals of AARP. Operating during business hours when most amateurs are working, he makes contact with many fellow retirees.

"When I contact operators over 55," he says, "I tell them about AARP. Most of them are already members, or express an interest in joining."

When Fuller found many retirees around the nation who were both radio operators and AARP members, he applied for a unique chapter affiliation known as Amateur Radio Operators Chapter of AARP (ROCAARP). "We com-

bine the benefits of the Association with the mutual bond of amateur radio operating," Fuller said.

The ROCAARP network is in operation at 1600 hours Greenwich mean time Monday through Friday at 14.280 Mhz. Network control in Los Angeles is Fuller's station WA6LVA.

Finding this hobby an exciting retirement pursuit, Fuller encourages all amateurs in the United States and its possessions to join the ROCAARP Net and participate with "93 fellows in a bond of fellowship who regard their age as an asset and have an ambition and objective for living."

Although Fuller uses the word "fellows" he admitted this chapter would eagerly accept any qualified woman in the network. "Their sweet voices would be a pleasant break," he commented.

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As the result of a nationwide survey, the CALLBOOK is changing to one major edition per year, with no change in price. Publication date is December 1st, beginning with the Winter 1971-72 issue.

However, a "new information service", in CALLBOOK form, consisting of new licenses, silent keys, call letter and address changes for the preceding three months, will be initiated on a quarterly basis -- every March 1st, June 1st, and September 1st -- to those who have purchased the previous December issue.

This information service will be available by subscription only, through the order form printed in the December edition. The price for this service will be \$6.00 per year for the United States series, and \$4.50 per year for the Foreign series. The subscription is on a consecutive, annual basis only.

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The "new information service" is an optional feature for the purchaser of the December complete CALLBOOK. The subscriber has the opportunity of keeping his CALLBOOK up-to-date through this quarterly information service.

A four-year subscription to the December edition only, will be offered at the previous subscription rate of \$30.00 for the U.S. and \$22.00 for the Foreign, both postpaid.

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My friend Jukka, OH2BR

Bob Moore, W3AXR



Those of us who do some occasional DXing on 15 or 20 meters make friends at a good distance from home. One of mine whom you might have caught ragchewing on the high seas, or worked in a contest from Helsinki is Jukka Heikinheimo, OH2BR.

Jukka and his brother, Miika, OH2-BAD, keep a lively watch over international communications among us, which they report in their column as DX editors of "Radioamatoori", the Finnish amateur radio journal. Earlier this year, they listed 292 different countries among their personal, worldwide amateur friendships.

My first contact with Jukka was by magazine, rather than by radio. Both language enthusiasts, my lady, Erica, WN3NOK, and I announced in "Strays" (QST) that we'd like to have a go at Russian with other amateurs. Well, we could have said Spanish, German, Swedish and Estonian. He knew 'em all! Yep, Russian, too. Finnish, of course. And he replied to us in perfect English! We'd hooked on to a regular polyglot!

That was in 1968. (And he was 22 at the time, by the way.) It was later that same year that he introduced us by letter and picture to Virpi Huhtala. She's that incomparable creature you see on his right. Before sailing stateside with her the following summer, he had married and made her Virpi Huhtala Heikinheimo.

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It was then we first met in person, though it wasn't his first time across. Somewhere between setting DX records, mastering the world's major languages and capturing Finland's fairy princess, he had managed to earn a commercial marine radiotelegraph license. With it he had secured summer posts as radio officer aboard Finnlincs merchant ships, which had been giving him opportunities to visit abroad, and to operate OH2BR/MM between ports, as well.

Of course in true Heikinheimo style, as with DX logged and languages spoken, the only fun way to sample American cities is - widely. Boston, New York, Jersey City, Philadelphia, Baltimore, Alexandria, Newport News, Houston, New Orleans, Mobile. And a warm greeting at each harbor.



Technical writer Ed Noll, W3FQJ, and his wife, Dottie, like to have Jukka down on the farm at Chalfont. Ed raises antennas. John, WB4NJO and Roy, W5RU, have spread the welcome from Newport News to New Orleans. A layover at Hamburg coming or going, will bring out that old brass pounder Gus, DL6ZZ, or Joe, DK2YU, who's a shipboard operator himself. A fellow just can't ham as enthusiastically as Jukka does, then make his way across an ocean unrecognized.

Erica and I have nailed him for the better part of a weekend on three occasions these past couple of years. We wish we could boast a closer contact with Virpi. We haven't seen her since the summer of 1969. We haven't yet met Miika.

There have been some very memorable times, though. For one thing, I've gotten conditioned to see those massive, merchant ships as floating, Finnish restaurants. There's just no response in my repertoire like the delicious one I get down inside when we're just about to come ashore and Jukka suggests, "What the heck, let's get some chow before we go." This is the only sentence I know capable of loosening my white-knuckle grip on galley doorknobs. There I was, stuck fast for three quarters of an hour one time, till he found the right words!

My best memory of Virpi has her at Jones Beach, Long Island that summer we were all together. She's doing pirouettes across an empty parking lot, her face turned up into a drenching rain; and beaming all over like sunshine.

Jukka

One of the things that's tied Virpi down since, summer and winter we understand, is study. Not only has she been committed to a program in Art History at Helsinki University, but by March of 1970 she had qualified for a novice amateur license, and has since worked over thirty countries herself! Now with her B.A. out of the way, she expects to be able to concentrate on getting her general license, which, among other things, in Finland requires logging at least 300 contacts. Keep a lookout for Virpi, OH2BE.

This past July, while the old man was tied up and feeding his friends from Jersey to Virginia, Virpi was in Helsinki making him a father. We haven't heard that Petri Ilari Heikinheimo has made DXCC yet, but we understand that he has already mastered a dialect of their language unintelligible even to his proud and multi-lingual parents.

You might have guessed that language is Jukka's true specialty. He teaches Russian during the school year, and yet is an active student himself. Summers aboard ship are often spent awash in the literature of linguistics, in preparation for the fall term at the university, and for his responsibilities to his students-most recently a tranquility shattering group of attractive teen-age girls.

Helsinki University has been a center of activity for most of the Heikinheimos. In addition to Jukka's and Virpi's studies in art and language, the family effort includes Miika's devotion to the study of theology. An older brother (and the only non-ham Heikinheimo I've discovered) is presently completing doctoral studies in music.

Music brought Jukka and Virpi together, by the way. They met in a student choir. You're getting accustomed to their style of life at this point, so it won't surprise you to learn that he's had conservatory voice training, and that he performs

with the Symphony Choir of the Finnish Broadcasting Company. Why not? He also coaches and plays basketball, which he names as favorite sport. I treasure him for an open mind and a fine head full of ideas about the joys of living.

Erica and I hope all our fellow amateurs, worldwide, find international friendship as warm as that we've found with Jukka and Virpi Heikinheimo. For my part, the sooner we're all back together again, the better.

(Bob Moore, W3AXR, is a counseling psychologist with a clinical practice in the Lehigh Valley of Pennsylvania. He works in the field of family counseling, particularly regarding disturbed children. Erica, WN3NOK, a native Hungarian, teaches English and Russian at a junior high school. Bob wrote the article "Learning Spanish in Mexico" which appeared in the 25 Oct. 1971 issue of "World-radio". Bob will be reporting soon on using Spanish on the amateur bands.)

foreign language QSOs

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AMATEUR RADIO SPECIAL CALL SIGNS

The following special amateur call signs have recently been authorized for the events and periods noted. Amateurs and organizations should apply at least 120 days prior to the desired date of authorization for such calls as may be granted in accordance with Section 97.51(a) (4).

Call-WC4BCC
Trustee: W.W. McLeod
Event: Birmingham's Centennial
Celebration, Birmingham, Alabama
License Period: 12-16-71 to 2-29-72

Call: WY3MCA
Trustee: Samuel A. Guccione
Event: National YMCA Week
Severna Park, Maryland
License Period: 1-23-72 to 1-30-72



Sven Elfing and XYL on expedition visiting EA6.

I am sure that our club is well known all over the world. Not because of our station, SL3ZO, but because of our "activity" in ham radio. It started at least ten years ago, when we helped hams all over the world, mostly W/K of course, to get cards quick from rare parts of the USSR and eastern Europe as well as from the Scandinavian countries.

We have hundreds of good friends, SWLs and hams, in the USSR and in eastern Europe, and as we are keen stamp collectors here we had a great opportunity to get the stamps from these countries, nice space and sport issues. But what to send in return? Very soon we found out that these folks needed Callbooks, IRCs, Handbooks, awards, etc., so they continued to send us stamps, and we helped them to get what they wanted! We found the idea great.

But how to get the Callbooks? Right, we bought six to nine months old Callbooks from the USA, and sent them to eastern Europe, and so we got stamps in return. But suddenly we did get so many stamps, that we couldn't take any more. Everyday we received stamps from SWLs and hams in OK, UA, SP, etc., and we already had these stamps. So we started selling stamps. We made lists every second month, and offered them to stamp collectors in Sweden at a real nice price, sometimes even nominal value.

However stamps from these countries are not so popular here, too many are issued and people can not afford to have complete collections. So we had to sell them in larger lots to dealers and others. Later on we found a very nice way to get the used Callbooks from the USA. We started a QSL-service. W/K stations sent us QSLs for UG6, UH8, OK, SP, OY, SL, etc., and sent one or two Callbooks for the expenses.

In a five year period we were able to get thousands of "rare" QSLs and then the activity began to get too heavy.

8

Rare QSLs and how to get them

Our good friends in these rarer areas of the USSR were kind enough to help us to get the cards, and some of the W/K hams got their UD or UG card two to three weeks after the QSO. We soon found out what difficulties station "over there" had to get these cards quickly for DXCC and awards and hundreds of cards were forwarded each month.

Many of the hams in these countries are not allowed to send stamps abroad, so we had to find other ways. We started the "prepaid envelopes." In the USSR, OK, SP, HA, etc., they have special prepaid envelopes, on which no stamps are necessary. These envelopes made the QSL replies eastern Europe was not a good idea, as they often didn't reach the fellow to whom the letter was directed. Several of the central bureaus took the stamps.

The U and OK hams needed IRCs badly, and we sent them IRCs and got prepaid envelopes in return! These envelopes we sell at almost face value to W/K stations, who find them outstanding, especially since most of the eastern European countries are listed in the Foreign Callbook. At this moment we have several hundred of these envelopes so if anyone is interested, just let us know and we will send samples. We have also sent a lot of IRCs and Callbooks (US and Foreign) to these countries and have received their own Callbooks back. That means we have at the moment 20-25 OK Callbooks here "for sale."

It includes 55 pages and thousands of OK/OL stations. We might have paid too many IRCs and Callbooks for them,

but if we sell them at \$1 each, postpaid, our postage expenses will be paid. Since there is a great demand for these, we can sell only one book to each person.

For several years we made our own "copy" of the Russian Callbook, a 20 page book with over a thousand U stations listed, only from the rarer areas. Region and oblast numbers are also listed. We have very few left, and we are able to sell them at \$1 each, postpaid.

The Russians have also made their own Russian Callbook, a 300 page book, listing over 14,000 stations. This Callbook has only been issued once. There are rumors that there might be a new issue in a year or two, but I doubt it. Because of all the troubles to get these books we do not have too many on hand, but we are able to sell them at \$7.50 each. Quite a scarce book.

Since we always have demands from people in U and OK wanting IRCs, awards, Foreign Callbooks, QST, etc., we must have above mentioned items sold. So you should know, that any prepaid envelope, U and OK Callbook you buy, we are able to help one or two hams in these countries to get what he wants! For \$10 we will send the both versions of the Russian Callbook, the OK Callbook and quite some samples of the prepaid envelopes. When you need a QSL for DXCC, etc., from any of these countries, remember to send us two cards of each, as we might send them via several friends to make sure we will be able to get the cards. At this moment we do not want any Callbooks, unless they are brand new. But if you wish to help pay our expenses, a dollar bill or two is ok, we will try to help you. All letters to U are sent by registered mail and the card is sent back to you by air.

Sometimes there is a pileup of letters here, but we are always trying to help you! We hope you buy our items, and send sufficient fees with the QSLs so we can send more IRCs and other needed items to these "poor" hams. To support this tremendous work we are issuing seven different Polar Bear Club awards: WSPX (Scandinavian prefixes); W-SMC (Swedish cities); W-SMCS (County seats), WPX-ZONE 14, WASL, 80 x 80, and PBA award. One IRC will bring you all the information you need for these awards. So if there is anything we can do for you here, drop us a line and we will be glad to be at your service.

Polar Bears Radio Club, Manager
SL3ZO, Sven Elfving, P.O. Box 47,
87101-Harnosand, Sweden.

SAROC

Worldradio will be at
SAROC. We hope to
meet our friends.

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 Ø 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

YL ISSB'ers

DL5HU/W6ECS and
DA1BO/WB6EPQ,
Stuttgart, Germany and
Calif...YL/OM TEAM,
John F. Barrows
SSB'er #324, and XYL
Adda, SSB'er #8139.

John's greatest achievement
in AR has been the part he
played in working with a
handful of radio operators
who organized U.S. hamdom
support in behalf of reci-
procal AR licensing between
the nations of the world and
the U.S.

For more than a quarter
of a century John; Ray
Myers W6MIZ; Wayne Green,
W2NSD; Joe Martin, W5RYP
(the Monitor, now defunct),
A. David Middleton, W5CA/
W7ZC; Don Chester, W4KVB,
and Bob Knapp W4OMW (DX
magazine, now defunct)
lectured, wrote articles,
and met with Congressional
leaders in behalf of this
worthwhile program.

During the past few
years John has been licen-
sed in Africa, Europe, and
in the Pacific. He is a
long time member of YL Int'l
SSB'ers and the West Coast
AR Service (WCARS) both emergency systems.

He and his XYL, Adda, look forward to returning to their per-
manent QTH in Sacramento by June 1972 where they will resume
operation as W6ECS and WB6EPQ.

Adda, one of the busiest radio operators perhaps on any con-
tinent, averaging 8-10 hours per day, has the distinction of
being one of two Icelandic YL natives who are licensed in AR.
And being a U.S. citizen holds the call WB6EPQ. Also she holds
AR licenses in Germany, Switzerland, Austria and Liechtenstein.

This YL/OM Team attends all the hamfests together and John
says Adda has a "real Ball." They look forward to SSB'ers con-
ventions upon their return to the States.



DL5HU/W6ECS



DA1BO - Adda

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- ☐ ALL THREE BOOKS for only \$7.00 postpaid.

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Hams pull kids through

Nash Williams, W6HCD

Freeways, tall buildings, modern electric gas pumps, and then the San Diego Zoo - can you imagine all these things making 26 Mexican boys and girls stand and look in amazement and awe? This is just what happened Saturday morning, November 20th when the Flying Samaritan truck arrived in San Diego about 10 A.M. bringing the students from the Flying Samaritan school in San Vicente, Baja California for a day at the San Diego Zoo.

Larry Smith of San Diego took the truck down to San Vicente Friday evening and had just gotten to sleep when he was awakened at 3:00 A.M. to be informed that the kids were ready to go. After a cold, rainy trip, the group was met in National City with hot chocolate, sandwiches, cookies, and fruit provided by Stella Silva and her Welcoming Committee. After a full day at the Zoo, the big group went to the home of Evelyn Ammundsen's mother for dinner. Evelyn is the charming and talented English teacher at the San Vicente school.

This weekend of fun and happiness for the Mexican students and their teachers had ham radio to thank for getting them across the border. Bill Williamson, W6RYV, had made arrangements with the Mexican Consul in advance, but at the last moment was advised of a change in border crossing ground rules--he needed to have not only the names of the students, but also their birthdates!

With routine nightly schedules with the school on 80 meters, the solution seemed obvious, except that lack of time, QRM, and long skip made the communications job all but impossible. Fortunately, Mike Novotney, W5TJ, in Deming, New Mexico, could copy both San Vicente and San Diego.

So Evelyn, with great dispatch, obtained the lengthy list of data in San Vicente and transmitted it to Mike in Deming, New Mexico who tape recorded it and relayed to Bill Williamson, W6RYV, in San Diego. Bill, with no time to spare, was thereby able to get clearance from the Consul in San Diego, and the young students were spared disappointment.

The competence and persistence of the ham radio operators involved made Saturday a gala day for the kids.

Other stations participating were: K6MVF, J.C. Ellison; K6SMT, Earl Wiederholt; W6YSP, Wes Novotney; and W6HCD, Nash Williams.

Yellowstone Park

Jim Van Nostrand, WA7IFX

Three million people visit Jackson Hole, Wyoming and Yellowstone Park and I invite many hams I QSO with to "drop into my shop and say hello" and many of them do.

I try to assist them with information, maps and once in a while-where to catch a fish! I have even had a few foreign hams drop in because they knew I was here.

I am about to propose setting up a ham station in Yellowstone Park next spring as the park celebrates its 100th birthday during all of 1972. There will be visitors from all over the world coming here. I got the idea from the United Nations station.

When a coach from our town of Jackson accompanied the U.S. Ladies X-C Ski Team to Norway, Sweden and Finland last year, I had an LAØ station for him to look up, which he did. It was a real international contact, made possible only through ham radio.

During WW II, I was on a bomber crew that twice force-landed on the island of Vis, just off the Yugoslavian coast. In looking through the Callbook, I found a radio club there and am in the process of making a radio contact there. We are in correspondence now. This type of thing is real international radio and the kind that really brings people closer together, I feel.

This past few weeks since 15 meters has opened up in the A.M. to my QTH, I have been having a real ball because some of my QSOs have been real ragchews with Europeans.

I feel that through your publication I might make contacts with people who want to really converse.

Your delightful account by Darleen, WA6FSC, makes me very envious of her trip...one I would like to duplicate in some near fashion some time...is well worth the space in your magazine.

There was a comment in the paper that I subscribe to...by WA2AAD. International friendship is the most noble goal of our hobby...I would only add, "after distress traffic."

GUEST EDITORIAL DO YOU DESERVE THE PRIVILEGE?

by Gene Burton, WA4YNW

To use the amateur bands is a privilege. In exchange for this privilege, what is expected of you? What have you done to deserve this privilege?

Hams should be reasonably well read and informed. They should use good operating procedures and be a good example. A good ham knows the rules and operates in their framework. Do you read QST, CQ, Florida Skip, etc.?

Hams are courteous and tolerant. They recognize CW, AM, FM, SSB, & RTTY. Any one ham may not use all of these modes, but he recognizes the value and place each one plays in Amateur Radio.

Hams recognize and respect the interests of his fellow hams. DX, county hunting, and all kinds of certificate hunting are a real part of our hobby, as is rag chewing. Do you low rate and condemn any of these areas?

Hams help other hams. How long has it been since you have encouraged a beginner, helped a novice, participated in a tower raising, or helped some fellow with a rig problem?

Hams recognize the value of organization within their hobby. Are you a member of the ARRL and your local club?

Hams are public service minded. Do you handle traffic and belong to CD? Are you ready for an emergency? Have you helped a local club with some public service activity? Do you have a ham license plate on your car?

Certainly, no one ham is expected to do all of the above. How do you rate? Make out your own list. Next time you fire up the rig, find a hole, and start operating, ask yourself, "Do I deserve the privilege?"

(FROM SLANT BARS)

(de Florida Skip)

11

next issue:

Worldradio will have a major feature story on the activities of the Eye Bank Net. - Dr. Paul Zukin, W6OVW, of the UCLA Medical Center will present "Amateur Radio-A Potential Resource for Health Care." Dr. Zukin spent several years overseas being involved in health planning in less developed countries. - The role of U.S. high school and college age amateurs in an immunization program in Latin America will be related by Rod Jensen, WB6WKC. - Larry Lazar, WA2AAD/HK3, will tell of the actions of the Emergency Net in Colombia. - And much more.

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XE2YX

(Continued from page 1)

Starting their third year of the effort the Everetts have battled against many obstacles including their home burning to the ground destroying all their possessions. Even attempting to go to Mexico in the first place proved difficult. Organizing their own mission board became necessary as the conventional mission boards considered them both too old, (over 40) and that they had too many children of their own. Living at the ranch are five of their children, two others live in the U.S.

Investing all they had, the Everetts went ahead with their plans. While Ed is an ordained minister in the Independent Baptist Church and the bulk of the original donations came from Baptist churches in the Southeastern states, Presbyterian, Lutheran and Catholic churches in the West have been helping as well as the Lions Club in Orange County.

Watching every penny has resulted in the 500 acre ranch now being completely paid for. On the grounds are a large dormitory which will hold 60 children at capacity, a training shop with classroom and a chow-hall. The foundation has been laid for a larger school house but construction will have to wait until donations come in.

Welcoming visitors, a section of the ranch has been set aside for campers. It is best to notify Ed in advance though to make sure that the campground is not being used by a large work group. Several times a year work groups go to the ranch to do physical work on the buildings and grounds.





It was such a group of young people whose efforts resulted in Ed having amateur radio equipment. College students attending Reseda Baptist Church (Calif.) were told of the need for communications at the ranch as it is 26 miles from a telephone or fire department. Guided by Lou Seeberger, WA6HQT, the young people bought a Swan 270B Cygnet and donated it to the ranch. Frank Ackerson, W6TBQ, donated a microphone and cut the antenna which Ed, his wife, and two of the deaf children erected.

Then came that long wait, Ed could only sit and listen to the other hams as he waited for his license. On September 27, 1971, with the help of Captain Joaquin Tico, XE2YE, Ed got on the air. All of his contacts have a resemblance to Field Day as the only source of electricity is the school's gasoline driven generator. Ed has made many new friends, particularly among the WCARS group.

(Turn to page 21, please)





Jimmie Kean, 5Z4KZ



Andre Saunders, 5Z4KL



Luigi Zavattero, I1LLZ

DX
newsreel

photos from
Darleen,
WA6FSC



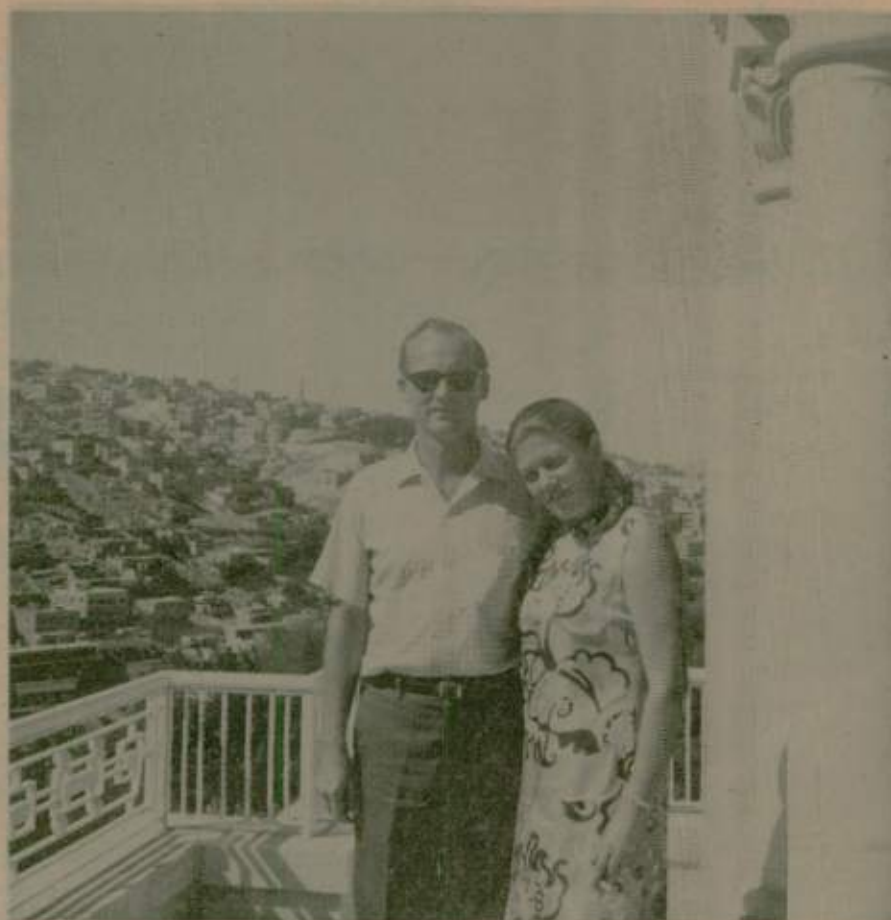
Rand Egeli, LA9CE



Arved Stabus, DL8OA



Mavis and Ivor Stafford, VK3KS-VK3XB



Carla and Jerry Holmes, EP2JH

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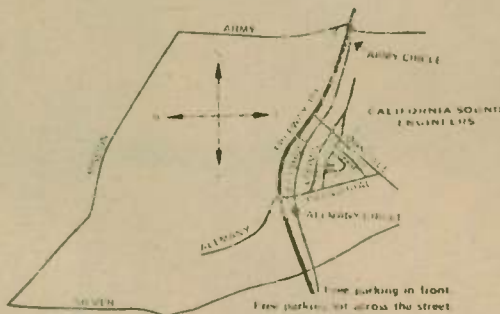
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By His Excellency

FRANCIS W. SARGENT

Governor

A P R O C L A M A T I O N

1971

WHEREAS, Nu Sigma Alpha, an international amateur radio fraternity founded in 1968 in Boston, for the advancement and betterment of radio operators, and

WHEREAS, Nu Sigma Alpha has a membership of over six hundred "hams" located in countries all over the world with its members devoting a great deal of time in allowing military personnel to communicate with their families from military bases and from ships at sea, and

WHEREAS, Members are also on a continual standby alert to help out in emergency situations such as natural disasters, fires, automobile and airplane accidents, civil defense work, the location and dispersal of medical supplies and assistance to individuals and countries in need of such aid, and


WHEREAS, The motto of the Nu Sigma Alpha, is "Never Stand Alone";

NOW, therefore, I, FRANCIS W. SARGENT, Governor of the Commonwealth of Massachusetts, do hereby proclaim December 6-13, 1971 as

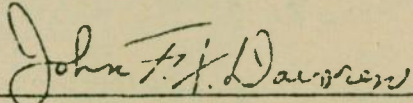
NU SIGMA ALPHA WEEK

and urge the citizens of the Commonwealth to take cognizance of this week and to participate fittingly.

GIVEN at the Executive Chamber in Boston, this twenty-first day of October, in the year of our Lord, one thousand nine hundred and seventy-one, and of the Independence of the United States of America, the one hundred and ninety-sixth.


FRANCIS W. SARGENT.

By His Excellency the Governor,


JOHN F.X. DAVOREN,
Secretary of the Commonwealth.

GOD SAVE THE COMMONWEALTH OF MASSACHUSETTS

THE WHITE HOUSE

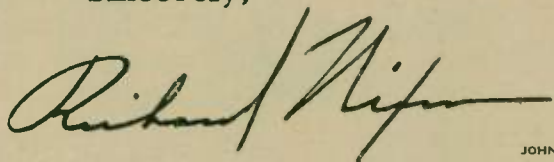
WASHINGTON

December 2, 1971

Dear Mr. Morse:

Through the courtesy of Mr. Stanley Kire, I have learned of the fine work which Nu Sigma Alpha is doing around the world to bring men of all nations closer together through amateur radio. I was especially pleased to know about the assistance which the members of Nu Sigma Alpha are giving to our servicemen so that they may communicate with their loved ones. I hope you will convey to each and every member of this international fraternity my warmest good wishes for continued success as you observe Nu Sigma Alpha Week in Massachusetts next week.

Sincerely,



JOHN SPARKMAN, ALA., CHAIRMAN

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HARRISON A. WILLIAMS, JR., N.J.	WALLACE F. BENNETT, UTAH
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October 18, 1971

INTERNATIONAL

AMATEUR

RADIO

FRATERNITY

Mr. Harvey E. Morse
P. O. Box 310
Boston, Massachusetts 02101

Dear Mr. Morse:

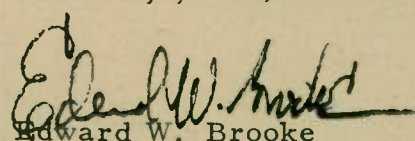
You and the members of Nu Sigma Alpha are to be highly commended for the humanitarian service which you have provided countless citizens all over the world.

The miracle of instant communication can serve to draw all people closer together and thus enhance social understanding and community well-being. We are remiss to the extent that we do not take advantage of its full potential.

The activities of Nu Sigma Alpha represent the highest spirit of service and brotherhood. By reuniting families with their loved ones serving in other nations, by standing on round-the-clock alert to aid in emergency situations, and by performing thousand and one other functions for which they receive no public credit, the members of this international society conduct themselves in a tradition of public spirit which should serve as a lesson to all people of good will.

I lend you my personal good wishes as you commemorate the 70th anniversary of the first trans-Atlantic wireless message.

Sincerely yours,



Edward W. Brooke

EWB/rcm

DARLEEN



Two hams from two continents

WA6FSC
in Halden, Norway



Nine year old Farle, thirteen year old Kjetil, Mrs. Karin Aabo, Steinar and Darleen.



Sentrum Skole in Halden. Class 7A (secondary school) and their teacher Steinar. Darleen told the 13 and 14 year old pupils about her world trip. The youngsters found it very interesting.

Steinar Aabo
LA8XN

The ten-month world tour of Darleen, WA6FSC, has drawn a great deal of interest from hams throughout the world. Operating from a number of the rarer countries Darleen has warmed the hearts of many of the DX hounds.

Three previous issues of Worldradio chronicled her travels and the warm reception she received throughout Oceania, Asia, Africa and Europe. A true ambassador of good-will she was invited to speak before many of the ham clubs in the countries she visited.

Darleen, in her amateur radio activities, has concentrated on the people at the other end of the circuit. When she announced that she was going on the world-wide tour, following the death of her husband, Gene, WA6DKW, the invitations to share their homes came pouring in from the overseas operators whom Darleen had been contacting and corresponding with. They in turn introduced her to others and Darleen had more invitations than she could find time for.

She will return to her home city of Sacramento, California about December 22. Those attending the California DX Convention in Fresno on January 22 and 23 will find her as one of the featured speakers.



What a tremendous opportunity awaits the youth of today to spread love and peace throughout the world via Amateur Radio! It's a person to person relationship, a people to people opportunity available to the young and old alike. We must pass it on down to the coming generation as a tool of friendship.

The world grows smaller everyday as we sit in our own homes. Unshackled by iron curtains, wars, revolutions, strict governmental control, religions, color or creeds, no greater facility is available than that afforded by Amateur Radio. It touches the very heart, the home. It creates family to family friendships. It traverses all obstructions that otherwise separate people. It has no respect for distances.

The remotest corner of the world lies within one's own home. Only a little box attached to an antenna reduces and amplifies the higher frequencies that tie us all together. Through this medium one soon learns that people everywhere have similar likes, dislikes, problems, pleasures and, in fact, differ so little that the warmth of personal contact can build indestructible friendships.



The world lies at their fingertips

Ernie Bracy, W1BFA

A responsibility lies with every Amateur Radio Operator throughout the world to treat this miracle with prayerful thanks and with honor for our heritage. Every Amateur has an obligation to guide our youth into knowing that "the world lies at their fingertips" and to teach them to use this gift with love, thankfulness and goodwill.

Every Amateur has a responsibility to guard, promote and to use this privilege of communications for the preservation of mankind and the establishment of world peace through understanding.

(The station in the photo is W1BFA. The young gentleman is David Luria, son of E. David Luria, Associate Director, Partners of the Americas, Washington, D.C.)

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.



Born in the Bronx, New York, Ed moved to North Carolina to have a better environment to raise his large family. Ed owned a Neon sign shop in Fayetteville and was a deacon in the local Baptist church as well as serving as chief of the volunteer fire department in Vander, N.C. Seven years ago his son, Luke, was attacked by rheumatic fever which left him more than 80 per cent deaf.

Learning sign language from a missionary who came to their church, Ed and his wife established classes for the deaf in Fayetteville. Then they felt there was a greater need for workers with the deaf in Mexico. The Everetts sold their home and business and moved to Baja California in March of 1969.

He says being a ham has enlarged his horizons and brought him into contact with many more friends. Margaret says ham radio is a wonderful hobby for Ed as he finally takes time to sit down and isn't on the go all day until bedtime. He praises ham radio for putting him in touch with groups who have really been of benefit to the work of the ranch and giving him a means of communication with associates in the states.

Ed may be contacted by mail at:
Aptdo 1468, Ensenada B.C., Mexico



ham hospitality

Theron "Woody" & Kay Woods, W6ANX - W6HDG



Ham Field Day near Augsburg, Germany. Heinz, DK2KQ; Woody, DL4WO; Karl, DK1YG; Helmuth, DK3JI; Fritz, DJ2FK; unknown; Gerhard, DK4MR; Erwin, DK3QG

During our two year stay in Europe we learned a great deal about the true meaning of Ham Hospitality. We experienced again the thrill of seeing the face behind the voice after contacts on the air.

Soon after being assigned as a teacher in the U.S. Army School at Augsburg, Germany, we both obtained our German licenses with the calls DL4WY (Kay) and DL4WO (Woody). We were welcomed into the local ham community and became members of the Augsburg Amateur Radio Club where we met some of the best friends we have ever known. Among the many who freely gave of their time and good will, especially in helping us put up a three-band Cubical Quad, were Karl Bleisteiner, DK1YG; Horst Peschel, DJ2WN; Heinz Dengler, DK2KQ and Helmut Hoelzl, DK3JI. Helmut is also a teacher involved in training other German teachers of technical schools. He has written a book titled "Amateur Radio in the Schools."

We were able to travel quite a lot in 18 countries and we want to pay tribute to all the wonderful friends we became acquainted with who helped us have such memorable experiences. The hand of friendship and hospitality was extended in every instance. Among those we still warmly remember are Bino Sernia, IIIPA, in Naples; Amadeo Cano, EA5HW, and his XYL in Valencia; Mike Planas, EA3SA of Cambrils; Jose Herrero, EA4JL, whose son, Luis, is also an amateur with the call EA4CX, in Madrid and Manuel Burgos, EA1IY, in Valladolid.

22



Woody and Kay on a hill overlooking Donauworth on the banks of the Danube.

We experienced the unique pleasure of visiting Brother Ed, HV1SJ, at the Vatican and operating his station there. We also had the pleasure of his company at a visit to our station in Augsburg. Operating the International Telecommunications Station, 4U1ITU, at Geneva was really exciting and Kay was "swamped" with calls.

Osten Magnusson, SM7DQC, of Jonkoping, showed me the building where the hams were setting up a new club station. John Winbladh, SM7CRW, of Huskvara helped me figure out a new QSL card and we received our order from him later in Augsburg. Lin Svensson, SM5ZI, with whom I had a regular weekly schedule, has a new home and antenna at Jardhundra and his son, Rolf, SMØACF, and his XYL, Ingrid, spent a whole day helping us with some shopping in Stockholm. He also arranged with a friend of theirs for the rental of a small house for us for a weeks stay in Stockholm.

Violet, XYL of Olle Andersson, SM-6CJK, in Goteburg, showed our daughter how to do some Swedish weaving. Our conversation with Nils Bergquist, SM7DBA, and his bride from Bulgaria, Ani, who formerly operated LZ1KAA was unusual and interesting because of her mother and brother visiting with them at the time.

The only ham in Norway we met was Dick Jedlicka, LAØAF, and his XYL who is also a ham. He is an American Air Force officer. It was a pleasure meeting Jens Vestergaard, OZ9MV, and his family in Skanderborg, Denmark. In Greece, we were hosted by Din Psiloyannes, SV1DB, and Nick Contses, SV1DA, president and vice-president of the National Amateur Radio Union of Greece who went "all out" in showing and explaining to us, the wonders of their country.

This has been but a summary of some of the highlights of our unforgettable adventures in Europe which we will forever treasure.

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W6ATU

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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 *Worldradio subscribers*

This listing is provided to facilitate your acquaintance with those of similar interests.

(Continued from last issue)

Ney Landry, K6RI, San Leandro, California
V. Mayree Tallman, K4ICA, Miami, Florida
C.A. Thunen Memorial A.R.C., W6ACT, Crescent City, CA
Frank Studva, WB4RBR, Miami, Florida
Charles Dean, WB6CZO, San Bernardino, California
Joe Rundle, WB6ACL, Los Angeles, California
Dale Shelley, K6SF, Lancaster, California
Claude Conner, -, Brea, California
B.K. Galbreath, WB6POQ, West Sacramento, California
James Waite, WA6EZJ, Richmond, California
Dr. Harold Dorin, W6UCI, Rolling Hills, California
Len Ullom, W6HZH, Blythe, California
Dr. Stanley Bach, WAØIIX, Omaha, Nebraska
Chester Morgan, W6VNL, Los Angeles, California
Rev. Louis Franklin, W6LYJ, Los Gatos, California
Elsie McCraw, WB4LQO, Mountain Home, North Carolina
Jim VanNestrand, WA7IFX, Jackson, Wyoming
Bruce Frahm, WAØTAS, Colby, Kansas
Theron & Kay Woods, W6ANX-W6HDG, Los Gatos, Calif.
Erich Haider, DJ7LH, Augsburg, GERMANY
Constantinos Psiloyannis, SV1DB, Athens, GREECE
Charles Wilson, K1GVA, Portland, Maine
Dick Shanks, W6BZE, La Mesa, California
Robert Grove, WA4PYQ, West Palm Beach, Florida
Alex Walker, WA2CTY, New York, New York
Ted Spain, WAØYGE, Hollandale, Minnesota
Wes Carr, WB4TNY, Memphis, Tennessee
W.J. Tabor, WØKUI, Welch, Minnesota
Dale Diehl, K5WUF, Oklahoma City, Oklahoma

Ed Everett, XE2YX, Guadalupe, MEXICO
Dr. Helmut Hochberg, DL8ST, Stuttgart, GERMANY
Charles Fox, WB6CBL, Imperial Beach, California
John & Adda Barrows, DL5HU-DA1BO, Badden-Wuerttemberg, GERMANY
Edward Ransdell, W5SML, Jackson, Mississippi
Dr. Fricko Rautenfeld, DL1FZ, Hamburg, GERMANY
Mark Rotter, WA6KYE, Davis, California
Leopoldo Moreira, PY1JZ, Rio de Janeiro, BRAZIL
F.R. Bernardini, K6UV, San Diego, California
Ed Steer, VE8ML, Alert, N.W.T. CANADA
Bob Smith, W6GRV, Madera, California
G. Philippo-Dukel, PAØPHO, Rotterdam, NETHERLANDS
Wayne Lavritsen, WA6CBG, Santa Barbara, California
Mat & Pam Van Campenhout, ON5KL-ON4QP, Strombeek, - BELGIUM
N.R. White, ZL1NH, Tauranga, NEW ZEALAND
F.G. Roberts, K2AMN, Nissequogue, New York
Arno & Greta Hubacher, HB9AJL-HB9ARC, Winterhur, - SWITZERLAND
Robert Howell, WA3ONZ, Trafford, Pennsylvania
Steven Cowen, WB6NHH, Oceanside, California
L.T. Evans, WA6ESB, Van Nuys, California
Jerry Holmes, EP2JH, Tehran, IRAN
A.P. Buhler, ZP5TU, Asuncion, PARAGUAY
Ed Lamb, W7HJU, Beaverton, Oregon
Lou & Irma Weber, K6GHU-K6KCI, Thousand Oaks, CA.
Frank King, WAØUZT, Austin, Minnesota
(Continued next issue)

imra

Sister Mary, WA5VBM



14.280 MHz



No... Joe Lanno, WB4JOB, of Miami, Florida, didn't get the name of Snake Man of the IMRA because he keeps snakes in his shack. He doesn't even like snakes. He earned the name of Snake Man because of his part in saving the lives of several snake-bite victims in Central and South America. Joe has handled so many snake-bite emergencies successfully that the Net Controls of the IMRA automatically turn all such cases over to him. He knows what to do and this is what separates the men from the boys... "Knowing what to do and doing it!"

Joe's friend, Dr. William Hosp of the Miami Serpentarium, is always available to help in these cases of emergency snake-bite. Dr. Hosp runs the Serpentarium in Miami and he specializes in the making of snake-bite serum, both regular and rare. He is willing to help via Joe's ham radio any time of the day or night, no matter where he might be at the time.

One time when Joe called, Dr. Hosp was at a convention at Miami Beach. Mrs. Hosp gave Joe the number to reach the doctor and Dr. Hosp handled the case right from the convention. The doctor likes to talk directly with the people involved, to get a description of the snake...color, markings and size, etc. Then he comes up with a serum or tells Joe where it can be obtained.

Once the proper serum has been located, Joe calls the State Police who pick up the serum and rush it to the airport for a commercial flight. Or, if no commercial flight is available, they rush it to one of the nearby Air Force bases for immediate outgoing flight. So far Joe has a perfect record...not a single patient lost to snake-bite.

Another case which was referred to WB4JOB was one involving two South American girls who had lost all their money and checks through a theft. They were stranded in a little town with no money. Joe heard about their plight through another ham and he immediately went to work to locate the girls' father. When Joe contacted the father, he phone-patched him into a bank in the U.S. and arranged for the girls to continue their trip.

Then there was the case of the Goldfield...a sailing vessel which was taking on water dangerously, off the coast of Guatemala. It was 12 days before the ship and crew were rescued and towed into port by a Japanese fishing boat. In the meantime, countless numbers of hams helped in monitoring the fixed-frequency radio aboard the Goldfield. Joe was one who put in a 24 hour watch by his radio for the full 12 days. Sleeping by the radio, he would awaken at the first crackle of the little radio from the ship...but that is another story.

Let's look at the man behind the call sign, WB4JOB. A retired RCA Electronics engineer, Joe Lanno has been "batching it" in a trailer house since the death of his XYL, Lois, 11 years ago. Joe has always worked in communications and has traveled all over the world, holding ten different call signs. The rush of many matters sometimes caused him to let his tickets lapse and he had to take the exam many times, the last being in 1968, when he got his WB4 call sign.

Born in 1902, Joe was first interested in amateur radio when he was just 6 years old. An old sailor boarded with them in their home in Newark, N.J., and Joe was just fascinated by the radio which the old fellow had upstairs. He would sit beside the old black box with all the brass knobs and listen spell-bound to all the dits and dahs which crackled forth.

Finally in 1914, just before the 1st World War, when Joe was just 12 years old, he took the exam given by the Commerce Department and was issued the experimental call 8 YX. His first rig was spark and arc, and since there weren't many people to talk to in those days, he created

plenty of sparks and arcs experimenting with different circuits.

Joe got married when he was 19 years old. He has two grown sons, both married, both retired Air Force Captains, both with two children, both living in Switzerland. One holds an HB9 call sign.

Of Italian-Danish descent, Joe stands 5 foot 10 inches, weighs in at 180 pounds, has brown eyes and still has a good thatch of brown hair at the age of 69. He got his first few grey hairs just a short time ago when he suffered a severe illness and was in the hospital for several weeks.

The station of WB4JOB consists of the Heath SB-301-401 combination with the Hallicrafter SR-150 as a standby and mobile rig. The amplifier is homebrew with a pair of 811's. Joe built the amplifier 30 years ago. He says he could lift it then...now it is too heavy to lift.

His tower is a 40 foot crank-up, tilt-over, and he rotates his TA-33 with a TR-44. Joe can't work the lower bands except mobile because of his QTH. The trailer park just doesn't have any trees to string up his trap antennas, but he is working on something to get him back of 40 and 80 meters.

Joe has many hobbies, but the main hobby is ham radio and he puts in most of his time on the two IMRA Nets. He used to work all the nets, but after getting involved with the missionaries on 14,280 kHz, he stopped most of his other net work to devote full time to the International Mission Radio Association. Listen for Joe's booming signal from Miami. He is Net Control every Monday night on the IMRA.

Brother Bernard Frey, WA1FKE, O.F.M., Cap. has moved. His new address is - St. Francis Friary, 262 Blackstone Blvd. Providence, R.I. 02906.

CAN MULTI-BAND TRAP TYPE ANTENNAS PERFORM AS WELL AS SINGLE BAND DESIGNS?

The answer is an unqualified YES, provided the efficiency of the traps is high enough. This means that the coils and capacitors which make up the traps must be capable of very high Q, that the manufacturing processes must assure uniformity and precision, with all traps being tuned to exact frequency, and finally the mechanical design must result in a rugged assembly that will withstand years of exposure to all kinds of weather and climate. These qualities describe the Swan patented traps. Anything less than these requirements will lead to disappointing antenna performance, and total discouragement with trap type antennas. Unfortunately there have been some rather bad examples of the latter on the market, along with exaggerated claims about gain and front-to-back ratio.

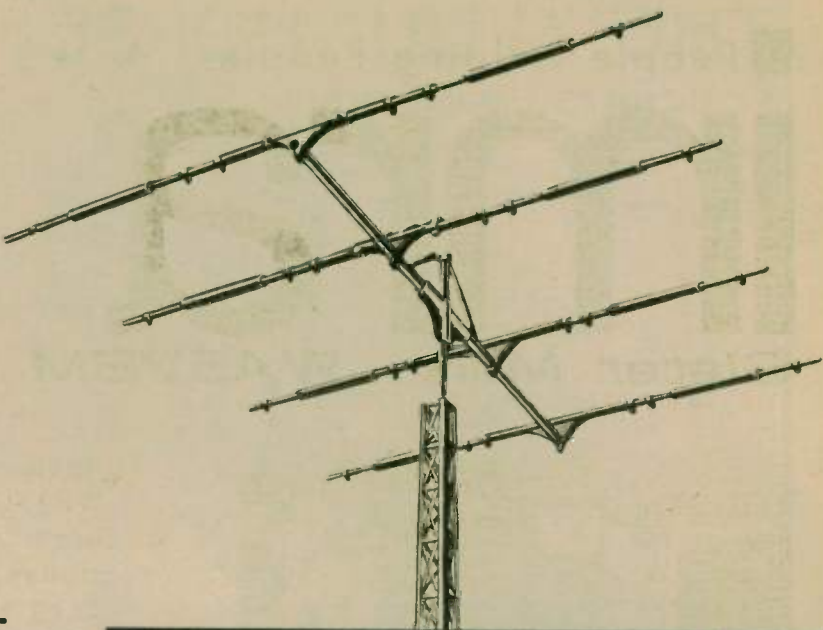
SWAN HIGH PERFORMANCE MULTI-BAND ANTENNAS



HIGH PERFORMANCE TRAP VERTICAL

For 10, 15, 20, 40 meters with optional 75 meters add-on-kit.
 Its low angle of radiation and omni-directional pattern make the Swan 1040-V trap vertical an outstanding performer. The small amount of space required for this antenna makes it the ideal choice when you just don't have room for a rotary beam. But, even if you have a beam, or horizontal doublet, for the complete station, it will complement your other systems, and with a quick select antenna switch give you a degree of flexibility you'll find indispensable.
 The 1040-V can be installed at ground level or on a roof top, and comes complete with all necessary hardware and ground plane radials. The high Q patented traps have the same adjustable design as the Swan multiband beams. Precision factory tuning results in maximum radiation efficiency on each band, with low SWR across the entire band.
 • Power rating: 2000 watts P.E.P. Requires 52 ohm coaxial feedline. Heavy duty mechanical design. Overall height: 23 ft.; with 75 meter kit: 28 ft. Wind survival rating: 100 mph. Shipping Weight 18½ lbs.
 Model 1040-V\$49
 75 Meter add-on-kit\$29

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4 ELEMENT MODEL TB-4H

The Swan 4 Element Heavy Duty Multiband Beam gives you 4 working elements on each band: 10, 15, and 20 meters. That's 4 working elements on each band. Other antenna brands, advertised as 4 element antennas, and even 6 element, actually offer only 3 elements on the 15 and 20 meter bands . . . and cost considerably more than the TB-4H. The 24' boom permits optimum spacing for maximum forward gain and front-to-back ratio. All traps have been precision tuned and weather proofed. The Heavy Duty mechanical design of the TB-4H means it will easily take winds up to 100 mph, and give you years of rugged, reliable service in any kind of weather from the arctic to the tropics.
 Price \$129

3 ELEMENT MODELS TB-3—TB-3H

The "all around" antennas, the TB-3 and TB-3H provide excellent performance, while requiring a lighter duty rotor and tower than the TB-4H. With their optimum element spacing these beams will put out a signal that gets through when others fail. The TB-3 and TB-3H differ slightly in mechanical features. The TB-3H was designed for use in areas where hurricane force winds and/or heavy ice loading conditions are to be found. If you live in an area where such conditions don't occur, then the TB-3 is quite adequate.
 3 Element Model TB-3\$94
 3 Element Model TB-3H\$109

2 ELEMENT MODEL TB-2

Same design as the TB-3 but with 2 elements on a 6½ foot aluminum boom. Weighing in at only 15 pounds, this model can be a real surprise. An inexpensive telescoping mast and TV rotator will easily get it 60 feet or higher off the ground, and at that height it will out perform a 3 or 4 element beam at lesser height. If your choice is putting up the TB-4H at a 30 to 40 foot height, or this 2 element model at 60 feet, by all means put up the TB-2. You'll put out a terrific signal. Of course, if you can put the 3 or 4 element model up 60 feet, or more, there's no argument. Just don't under estimate the TB-2. It's a little bomb.
 2 Element Model TB-2\$79



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SWAN MULTIBAND ANTENNAS single band performance with patented* tunable traps

Swan has earned its high reputation in the ham radio market by offering top quality equipment, with maximum performance and reliability at a most reasonable cost, backed up by the best customer service in the industry. The line of Swan antennas we now offer, of course, includes these same factors. We honestly believe that our antenna products are the best you can buy, or we wouldn't be offering them to you. The exclusive patented* traps used in Swan antennas explain why they consistently give superior performance. The multiband trap vertical and triband beams described on these pages will deliver your signal to that distant point with a real punch. Ask any ham who is using a Swan antenna, or better yet, check his signal on the air.

Impedance Match: Swan antennas are designed for a near perfect match on each band with 52 ohm coaxial cable. Standing wave ratio will be as low as 1.2 at band center, and only slightly higher at band edges, resulting in extremely low transmission line losses.

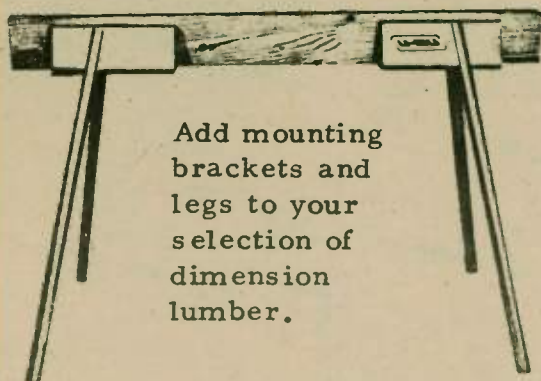
SWAN TRIBAND BEAMS SPECIFICATIONS:

All Swan Multiband Antennas are rated for 2000 watts, and require 52 ohm coaxial feedline.

	Forward Gain	Front to Back Ratio	Boom Length and Diameter	Longest Element	Turning Radius	Maximum Wind Survival	Wind Load 80 MPH	Wind Surface Area	Net Weight Assembled	Price
TB-4H	9 db Average	24-26 db	24 x 1½"	28' 10"	18' 6"	100 MPH	148 lbs	6 sq. ft.	54 lbs	\$129.00
TB-3H	8 db Average	20-22 db	16 x 1½"	28' 2"	16'	100 MPH	110 lbs	4 sq. ft.	44 lbs	\$109.00
TB-3	7.5 db Average	20-22 db	14 x 1½"	28' 2"	14' 11"	80 MPH	100 lbs	3.8 sq. ft.	39 lbs	\$ 94.00
TB-2	5 db Average	16-18 db	6½" x 1½"	27' 8"	14' 3"	80 MPH	60 lbs	1.8 sq. ft.	18 lbs	\$ 79.00

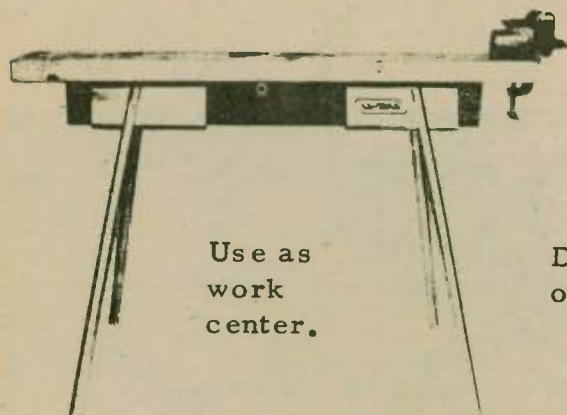
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DOUBLEDAY

California DX Conference

Jan. 22-23

Set aside the weekend of January 22 & 23, 1972 for the 23rd annual DX Conference at the Del Webb Towne House in Fresno, California.

The Southern California DX, Club, hosts for this year's affair, invite all hams who are interested in DX to attend, beginners as well as big guns. General Chairman Frank Cuevas, W6AOA, has once again lined up an outstanding group of speakers:

Martti, OH2BH-3CØAN, etc.
Carl, SM5SB-ZA5Z, etc.
Larry, K2IXP-VK9NP, etc.
Darlene, WA6FSC-3B9DK, etc.

In addition you will enjoy the DX Forum, 2 hour cocktail party, the famous steak dinner, and the big DX breakfast on Sunday morning.

To top off the festivities, the new Signal/One Corp. of Gardena, Calif. has donated a Signal/One CX7A as the pre-registration prize.

The pre-registration fee of \$14.50 should be sent to SCDXC Treasurer Jack Hollander, WB6UDC, 13531 Malena Dr., Tustin, Calif. 92680. Please make your checks payable to the Southern California DX Club and include an SASE if you wish a receipt. You will receive your ticket at the Conference registration desk. Deadline for pre-registration is January 7, 1972; after that date registration fee will be \$16.00.

Jay Holladay, W6EJJ
Publicity Chairman

ECARS

ECARS really has a good thing going. With a well organized and directed net which operates on 7255 kHz every day of the week from about 8 A.M. to 10 P.M. (as long as skip conditions permit) ECARS has for the last two years been providing outstanding service.

Patterned after the WCARS and MWARS systems which have been in

operation since as early as 1963, the Service was established primarily as an emergency service with emphasis on the mobile stations. It also works as a "calling frequency" where stations may establish contact and arrange to move to another frequency to QSO.

The network is open to anyone. Membership in the ECARS organization is \$3.00 per year and entitles you to a copy of a very fine publication, ECARS MONITOR. At this time, the President pro tem is Cy Fellerman, K3FEC.

Listen in on 7255 kHz any day of the week. You will hear a fine and efficient network which is really doing something about the Public Service aspect of Amateur Radio.

(from Auto-Call)

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If you live in the Sacramento, Calif. area, have a few hours a week to spare and would like to be part of the Worldradio project, call 456-6725. We need some more part-time volunteers to help get the work done.

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9

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Teletype fans - Read RTTY Journal, now in 18th year. Exclusively RTTY - Technical-operation-DX-VHF etc. Sample 30¢-\$3.00 a year. RTTY Journal, P.O. Box 837, Royal Oak, Michigan 48068

AUTO-CALL keeps up with the latest ham info from Washington, D.C. area. Subscriptions \$2.50 a year, sample copies 25¢. Address: AUTO-CALL, 2012 Rockingham, McLean, VA 22101

ARMAGEDDON! Invasion from Outer Space! Written by W3ZS. Free but stamp appreciated. Write:METHODS, 416 Palo Alto Ave. Mountain View, Calif. 94040 K6QF

Join the greatest club in the world. National Awards Hunters Club, International. For free information write To: Joseph Schwartz, K2VGV, 43-34 Union St., Flushing, New York 11355

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SAN FRANCISCO- Ham equipment- California Sound Engineers, 475 Barneveld Ave., San Francisco, Calif. 94124

STEPS TO CHRIST. Free but stamp appreciated. Write:METHODS, P.O. Box 1263 W, Mountain View, Calif. 94040 K6QF

FOR SALE! Heathkit HW-32A (20-meters), HP-10 DC power supply, Heath mobile mike and speaker. \$135. May trade for 2 meter FM rig. Larry Cotariu, WA9MZS, 759 Burr Oak Lane, Park Forest South, Illinois 60466.

CALLBOOK- For the low price of \$3.50, you can have all the latest information that was used in the Fall CALLBOOKS-both U.S. and Foreign-from address and class changes to new licenses and silent keys. The Fall Supplement is just what you need to up-date your Summer 1971 CALLBOOKS. Send \$3.50 to Radio Amateur Callbook, 925 Sherwood Drive, Lake Bluff, Illinois 60044

TWIN CITIES HAMS-Amateur radio gear-See ECI Communications, 127 Third Avenue North, Minneapolis, Minnesota.

WANT-2 meter FM. Selling Swan 400, mobile p.s. & antennas, 6M Squalo, Two'er & 3 El. 2 M Yagi. Contact Gabe Gargiulo, WA1GFJ, 17 Whitney, East Hartford, Conn. 06118

FM- Progress Line Two Meter FM Mobile Transceiver. Two channel, 30 watt, T-power. With tone burst, pre-amp, cables, mike, head and .94 crystals. Like new-Only \$150. Rod Jensen, WB6WKC/WB6NXD, 2677 Montrose Place, Santa Barbara, California 93105

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

Classifieds dealing with non-radio articles: stamps, coins, books, cameras, airplanes and the like-two cents per word.

Classifieds from business firms-five cents per word.

In an effort to boost the economy we make it possible for every business enterprise to be able to advertise its product or service. Write for Display Advertising Rates. Reach the discerning and serious amateur radio operator with an advertisement in Worldradio.

Worldradio

Amateur Radio's NEWSpaper - 27 Dec. 1971 - 35 cents



Teacher of the deaf
Ed Everett, XE2YX

Late News

this space is for last minute news or information - deadline: 26 hours before mailing - call (916) 456-6725 with news.

ARRL Official Bulletin #351-
December 2, 1971

The Canadian Department of Communications has announced that the previous age limit of 15 will no longer apply to applicants for amateur licenses. ARRL, through Director Eaton, has long urged this change.

WCARS will operate a station at SAROC using special call WC7ARS.

Toshikazu Yoshida, JA8CKC/JA1CE



James Maxwell, W6CUP
Box 473
Redwood Estates, CA 95044

Worldradio

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Worldradio

Amateur Radio's NEWSpaper

international circulation - 28 Feb. 1972 - 35 cents



CCQ's DX Hall of Fame
Martin Laine, OH2BH

Late News

this space is for last minute
news or information - deadline:
26 hours before mailing - call
(916) 456-6725 with news.

ARRL Official Bulletin #360 Feb. 10, 1972

It is with deep regret that we report the passing on February 8, 1972 of ARRL Museum Curator Roland B. Bourne, W1ANA. Mr. Bourne was a prolific inventor, a pioneer in radio control of model airplanes, a frequent QST author, a charter member of the Old Old Timers Club, a member of the Antique Wireless Association and its Outstanding Member of 1969. W1ANA was twice commended by the ARRL Board of Directors for his skill, knowledge and craftsmanship which brought the Headquarter's Museum into national recognition.

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John Troster, W6ISQ
82 Belbrook Way
Atherton, CA 94025

Don Schlessinger, W6MAV, selected by the Northern California DX Club as their "DXer of the year. Presentation made at the Fresno DX Conference, January 22, 1972.

The Mart

Teletype fans - Read RTTY Journal, now in 18th year. Exclusively RTTY - Technical-Operation-DX-VHF etc. Sample 30¢ - \$3.00 a year. RTTY Journal, P.O. Box 837, Royal Oak, Michigan 48068

AUTO-CALL keeps up with the latest ham info from Washington, D.C. area. Subscriptions \$2.50 a year, sample copies 25¢. Address: AUTO-CALL, 2012 Rockingham, McLean, VA 22101

Jazz up your QSL card. 100 photo stamps, send glossy photo and \$2. 1,000 address labels, 4 lines-\$1.50. Linsley Hamilton, Box 4373, Torrance CA 90510 WB6PAV

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TWIN CITIES HAMS- For gear see ECI Communications, 127 Third Avenue North, Minneapolis MN 55401

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FOR SALE! Heathkit HW-32A (20-meters), HP-10 DC power supply, Heath mobile mike and speaker. \$135. May trade for two meter FM rig. Larry Cotariu, WA9MZS, 759 Burr Oak Lane, Park Forest South, IL 60466

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Buying? Selling? Trading? Don't make a move until you've seen our new publication. Free sample copy! Six issues \$1. HAM ADS, P.O. Box 46-653M, Los Angeles, CA. 90046

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For \$495 you can operate a two-way Robot SSTV station.



Now with the purchase of a Robot SSTV monitor only, Robot will make you a free personalized SSTV tape that will enable you to transmit a video SSTV signal without having to own an SSTV camera. After you have purchased your Robot monitor, just mail us the call sign card, photos, drawings, etc. that you want on your tape, and we will make up a five-minute tape for you (reel or cartridge) and send it to you by return mail. You then simply play the tape on an audio tape recorder that is plugged into the mic jack of your transmitter or transceiver, and you are transmitting an SSTV video signal.

Now, for just \$495 (the cost of the Robot SSTV Monitor alone) you can join the many amateurs who have already made

great progress towards their WAC, DXCC, and WAS certificates for two-way SSTV. If you are already operating SSTV, you will be interested to know that we are preparing a directory of SSTV operators. Send us a post card with your QSL and we will include your call in our directory and send you a copy.

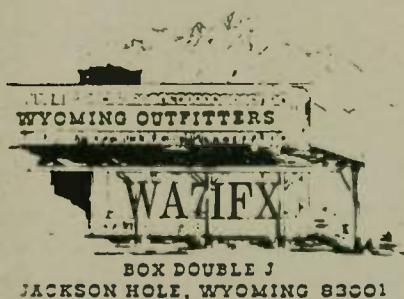
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SELL: AN/FRR-3A RTTY \$110; Benson-Lehner X-Y Variplotter \$90; C-F dual-trace scope \$40; several GR, H-P, Tektronix items, etc. several antique radios. Consider swaps. SASE please for four page list. WANT: Hallicrafter dual-diversity, SX-73; handguns, car books 1920-30's; radios 1920-30-40's, violins. Albert Pratt, WA9DYE, 114 Lakeview, Milwaukee, Wisconsin 53217



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Full page-\$12.00. Half-page-\$6.00 Quarter page-\$3.00. Minimum-\$2 These rates for camera-ready copy. If we make up ad there is a one-time small additional charge. Purely local businesses and non-profit groups are invited to contact us for an adjusted rate. One advertiser recently wrote us about his ad and said, "impressive response."

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Put your name below
and we will send a
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NAMS

(Continued from page 14)

NAMS DOES AIM TO FACILITATE COMMUNICATION. A consulting committee of five active NAMS participants meets occasionally to discuss problems when they arise, and there are five alternate members of the consulting committee. Success of NAMS depends on the hams of the Northwest: please try to run it so it will be more helpful and attract more support. Monitor control stations always are needed. Please volunteer whenever you can, so you will have the pleasure of helping too.

IMRA

(Continued from page 28)

checking into the nets from all over 1 and 2-land mobile.

WA2BPV, Warren Mulhall, is back from his computer school studies.

K8RHF, Ray LaFollette, has been on the sick list for the past three weeks. It sure makes a big hole in the list of Net Controls when he is off the air. And how we do miss those Cincinnati patches.

W0JCO, Father Leo Brand, up in cold, cold, North Dakota (I purposely said it twice...the temperature was 70 degrees below zero) just got up from a case of double pneumonia. (Does that mean pneumonia twice??)

VP1CP

Rev. John Carroll Ruoff, S.J., VP1CP, died on January 31 in a hospital in Belize City, British Honduras, after suffering a heart attack.

Born in St. Louis, Mo. in 1907, Father Ruoff was active in the missionary field for 33 years. Among his most recent efforts were working with the poor in Punta Gorda and as chaplain at a TB sanitarium.

While his assignment was as full-time chaplain, he spent his weekends at three mission stations.

Father Ruoff is survived by three sisters who are nuns. A graduate of a Jesuit Seminary he furthered his education at St. Louis University.

An amateur radio operator for the past seven years he was active in the IMRA and attended their 1970 convention in Mexico.

MAILBAG

It seems one can not get fellow amateurs to talk on the air for more than a few minutes these days. In the case of DX, one can understand that a language problem may exist, but this can not be the problem in English speaking countries. I believe much of the problem lies in the widespread acceptance of contests for point getting purposes only, instead of establishing person-to-person relationships. A lot of this "contest spirit" seems to carry over into our day to day communications....Bill Shrimpton, VE7AZL

There seems to be a great deal of concern over the quantity of radio amateurs. The concern is unsupported. We still have as many as ever. The quality of the radio amateur seems to me to be of much greater importance. If new hams (and old hams) are infused with the spirit of helpfulness, as exemplified by the contents of your newspaper, then we have something much more significant than a hobby. To my mind, nothing else comes close to ham radio as a person-to-person vehicle for understanding. We almost literally reach out and touch each other....Pat Philippi, WB9DDA

WORLD RADIO is the type of publication that we have been needing for many years. We need interesting, human-interest reading to create the imagination and encourage the development of world service through ham radio....Ernie Bracy, WIBFA

As time goes along and more and more people acquainted with your excellent publication I hear more and more favorable comments. What you are promoting is in the best tradition and interests of ham radio...Berge Bulbulian, WB6OSH

I am really sold on this paper and can hardly wait for the next issue...Joe McClain, W9KMY

Lots of good news about Hamdom...George Hinds, WB8JYR

You have started a fine job..."Chan" Howland, W6WMA

Your paper certainly fills a need...Walter Wilson, WB4QFH

I enjoy my issues very much...Denny Marbach, W3ADK

Comes closest to a publication that could represent all amateur radio...Harry Tummonds, W8BAH

Great publication...Charles Zelikovitz, W3FQT

actual size

DELUXE CYGNET Model 270B

SSB TRANSCEIVER—5 BANDS—260 WATTS WITH BUILT-IN
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The lightweight, compact design of the Deluxe Cygnet makes it an ideal traveling companion. It contains all the features required for home station operation with enough power to work the world. Its surprising low cost is a result of our concentrated program of value engineering.

All you do is connect an AC power source, plug in your microphone and antenna—you're on the air. Twelve volt DC operation may be obtained by attaching the optional plug-in accessory, Model 14A DC converter.

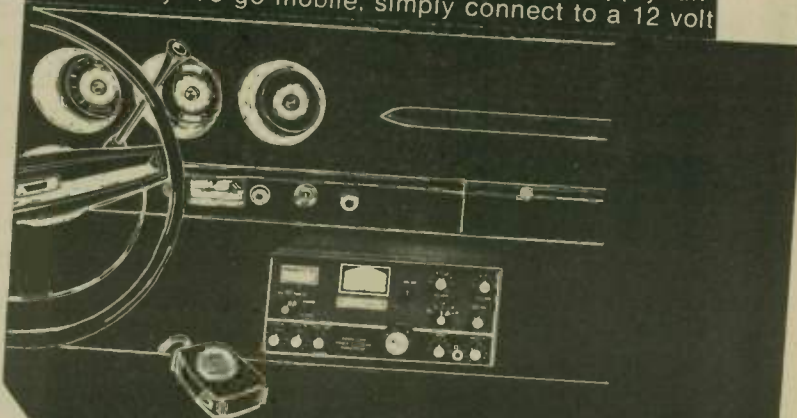
The Swan Deluxe Cygnet is the most versatile and portable transceiver on the market, and certainly the best possible value\$429

SPECIFICATIONS

● **Power input:** 260 watts P.E.P. SSB, and 180 watts CW ● **Frequency range:** 3.5-4.0 mc, 7.0-7.3 mc, 14.0-14.35 mc, 21.0-21.45 mc, 28.0-29.7 mc. ● **5.5 mc Crystal Lattice Filter**, same as used in the Swan 500CX. 2.7 kc with 1.7 to 1 shape factor. Ultimate rejection exceeds 100 db ● **Unwanted sideband suppressed** 50 db. Carrier suppressed 60 db. Third order distortion down approximately 30 db ● **Audio response:** flat within 3 db from 300 to 3000 cycles in both transmit and receive modes. ● **Pi antenna coupler** for 50 to 75 ohm coaxial cable ● **Grid block CW keying** with off-set transmit frequency ● **Solid state VFO** circuit temperature and voltage stabilized ● **Receiver sensitivity** better than 1/2 microvolt at 50 ohms for 10 db S + N/N ratio ● **100 kc crystal calibrator** and dial-set control ● **S-meter** for receiver, P.A. cathode meter for transmitter tuning ● **Improved AGC and ALC** circuit ● **Separate R.F. and A.F. gain controls** ● **Sideband selector** ● **Provision for plug in of VOX unit**, external VFO, headphones, and Cygnet Linear ● **Tube complement:** 12AU6 VFO amp., 12BE6 trans. mixer, 6GK6 driver, 6LQ6 pwr. amp., 6BZ6 rec. R.F., 12BE6 rec. mixer, 12BA6 1st I.F. amp., 12BA6 2nd I.F. amp., 12AX7 prod. det. A.F. amp., 6AQ5 A.F. output, 12AX7 mic. amp., 6JH8 bal. mod., 12AV6 AGC-ALC amp., 12BA6 xtal. cal. ● **Voltage input:** 117 volts 50-60 Hz. Available on special order for 208-220-240 volts ● **For 12-14 volt DC operation**, a plug-in converter, Model 14-A, is available. This unit is only 1 1/2 x 3 x 4 in., and plugs into the back of the 270B in place of the AC power connector ● **Dimensions:** 5 1/2 in. high, 13 in. wide, 11 in. deep ● **Shipping Weight** 27 lbs.

THE PERFECT MOBILE RIG

The 270B Transceiver, when used with the 14-A DC Converter, becomes the perfect mobile rig. The 14-A attaches to the rear of the transceiver and makes under-the-hood installation of a power supply unnecessary. To go mobile, simply connect to a 12 volt



terminal or cigarette lighter, hook up the antenna, and you're on the air. Once you arrive at your destination, unhook the 14-A and use the 270B on AC. Perfect for the traveler or vacationer.

■ People Helping People

imra

Sister Mary, WA5VBM



14.280 MHz



W3FUS, Tex Barbarite: K2YHD, W6BTK, or W3FUS...any way you say it, it is still Tex Barbarite. Brown hair, brown eyes, 5'7" tall, and a mixture of Irish and Dutch, Tex was born in El Paso, TX in 1924.

Tex (nee Rose Ann Longnecker) had every intention of becoming a math teacher, but changed her mind about math when she won a scholarship to Purdue University to study engineering. At Purdue, Tex studied radio and later worked for RCA in New York.

In 1947, Tex married Robert Barbarite and now they live in Randallstown, MD and have four children.. two boys (ages 18 and 9) and two girls (ages 20 and 14).

It was while Tex was working for RCA that she received a call from a Franciscan priest in New York, inviting her to talk on the phone with her missionary brother by radio. That gave her the push she needed to interest her in Amateur Radio. She took the FCC exam, received the call sign K2YHD, and has been an enthusiastic ham operator ever since.

When her OM's work necessitated a move from New York to Walnut Creek, CA, Tex received the call of W6BTK, and now with the move to 3-land, first to Serverna Park and then to Randallstown, MD, she uses the call W3FUS.

The change in her life-style from career woman to housewife did not alter Tex's interest in radio and when she got to the stage where the children dominated most of her time, her ham radio license was the only thing she

kept up. Radio had to stay in the background for those busy few years, but she has long been back in full swing.

The station of W3FUS consists of a Drake TR-3 exciter and a Heath SB-200 amplifier. A crank-up, tilt-over tower and an automated TA-33 beam complete the station.

When Tex moved from California to Maryland in 1969, she moved into a neighborhood where towers were prohibited. For months she was off the air. Finally she got a sneaky dipole up, but even with this, she was restricted to 20 meter operation (and low power) because of the high standing wave ratio.

Then came the move to Randallstown and everything seemed ok for operation at that QTH. The tower went up but it was discovered that the reflector coils on the TA-33 were defective. Several more months passed by, as set after set of reflector coils which were ordered for Tex by the local radio supply house, arrived damaged from the factory.

Finally with tower in place, TA-33 in A-1 condition, Tex was able to get back on the air at full strength. Still operating with the beam only (no antenna for lower frequencies), she finds plenty to do on 20 meters where she works several traffic nets...the Intercontinental, IMRA and Maritime Mobile, to mention a few.

While handling more than her share of emergency traffic (one case began at 1200 GMT and was still in progress and successfully terminated at 2100 GMT. It was an emergency request from the Blood Bank in Cali, Colombia, for Rh negative type blood.), most of the traffic Tex handles is "hospital traffic". This is because of her proximity to some of the large hospitals in the Annapolis, Baltimore and Washington, D.C. area.

A young man to whom she refers as her "favorite patient" has been at John Hopkins for many months preparing for a kidney transplant from his brother. The young man has experienced many setbacks during his long wait in the hospital which, Tex says, is what makes the opportunity for frequent communications between him and his doctors and his parents, so important. Tex became associated with the IMRA in 1965 when she was operating out of Walnut Creek, CA as W6BTK. One of

her neighbors, Geri McGlynn, WA-6CNW, (Geri is the sister of Father Dan Linehan, S.J., W1HWK) told her about IMRA which was still in its formative stages. Tex began handling missionary traffic on an informal basis even before the present networks were set up.

She has since served as IMRA Net Control Station and in 1969 was elected Recording Secretary of the IMRA organization.

Another hobby of Tex's is the collecting of moustache cups...antique and otherwise. If you would like to increase her collection, send anything in that line to Box 359-C, Marriotsville Road, Randallstown, MD 21133.

But Amateur Radio is Tex's main hobby. "It's a wonderful hobby," she says, "It's the only one in the world where there are no barriers of race, sex, creed or age. And I can go out of my kitchen every day of the week."

IMRA News Notes

History making "First"--The first Net Control Stations meetings were held January 7 & 8. Two meetings were necessary because of the different problems which came up on the two different nets.

There was a very good turn out. All Net Control Stations were accounted for except for one who was ill and another who had to work. There were also many of the Assistant NCSs present.

Out of the meeting came a new net preamble and many suggestions for better net operation. Also, it gave an opportunity to discuss common problems and to hear solutions to the problems which have been discovered by other NCSs.

On January 26, the IMRA officers meeting was held. Topics discussed were: Nominating Committee and elections and the IMRA International Convention--(a) location (b) dates. We will try to have all of the results of this meeting to you in the next newsletter.

WA8LEI was activated by Marie Sutter, WA8JLF, for a couple of weeks during the Christmas vacation. It sure was nice to hear that old familiar Net Control Station call sign back on the air.

WA1FKE, Brother Bernard, must be all mended up after his terrific fall from his tower. He has been

(Turn to page 30, please)

REPORT TO THE READERS

On a quarterly basis, a record of disbursements of The Worldradio Foundation is reported on this page. As explained on page 24, ten percent of your subscription fee is divided among the listed projects.

Since our last report we have gained 243 subscribers as of the day of this report 12 February 1972. Thus ten percent of the incoming subscription fees amounts to \$121.50 which will be divided among the listed groups.

Are we in this together?

We had hoped to accomplish somewhat more for the listed endeavors but that of course depends on subscriber participation. In order to gain those 243 subscriptions it was necessary to send out some 8,000 sample copies. You can see that our return is about three percent. We now have a total of 650 subscribers.

While it would seem a bit discouraging to see 97% of the hams who have been sent a copy of Worldradio ignoring it, there is on the other hand quite an encouraging side.

When we look down the subscriber list and see people like Gay Milius, W4NJF; H. Dale Strieter, W4DQS; Art Greenberg, W2LH; V. Mayree Tallman, K4ICA; Harriet Creighton, WA3ATQ; Bill Welsh, W6DDB; (and that kind of list could go on-) we know we must be at least on the right track. (And we are counting on people like that to keep us there.)

We have a difficult time figuring it out when someone like Berge Bulbulian, WB6OSH, drops us a line saying, "what you are promoting is in the best tradition and interest of ham radio" and that 97 out of every 100 hams who see a copy of this paper, and what it is trying to accomplish, apparently just shrug it off.

Our output seems to be meeting a high SWR. One of our part time volunteer staffers (as they all are) asked an acquaintance here in Sacramento if he had seen the paper and was he going to subscribe. The answer was "I like the paper but I don't think they're going to make it and I don't want to lose my five bucks."

On the other side of the attitude coin we have people like Everett Plumer, WB6VVT, who says "I respect your effort for ham radio."

There are those afraid of losing their five bucks and there are those who have sent in two-year subscriptions (even though we don't advertise such) many hams have already renewed their subscription

for the next year (half way through their present subscription), several have sent in extra funds and said "put this in the kitty." And a goodly number purchase gift subscriptions for their friends overseas or in their own country.

Seems to be quite a difference in attitudes! There are those who "don't think they are going to make it", and there are the kind of people who want "to make it happen."

We have received many letters along the lines of "glad to help you get started", "Happy to help you get off the ground", and so on.

It appears Worldradio appeals to those who are "gung ho" not only as hams, but in their general attitude towards life. Amateur Radio is indeed fortunate to have such people for they are the ones that bring enthusiasm to everything they do.

Many have written in calling it an "exciting paper". While that is exactly what we are trying to produce, it may be that only one who is excited can see excitement.

At present we have a total of 650 subscribers. Everyone of them is looked upon as a friend, for they have chosen to participate in this vehicle.

We tried to meet all of them who have attended the recent hamfests in California. We are trying to foster a very personal relationship between the paper and its readers and among the readers themselves. Granted, that may be a rather abstract idea which is grasped only by those with broad horizons and who are trying to stretch them even further.

The perceptive reader does not look at it as "they" as in "I don't think 'they' are going to make it", but rather as (and it is always a thrill when someone writes in about it and uses the term) "OUR" paper.

What is the purpose of Worldradio? First, as a newspaper our format and methods have allowed readers to read about an event but a few days after it occurring. Our large type and big pictures make it easy to read and we are constantly trying to improve the layout and design. We are trying to create a publication that hams will be proud of and when a non-ham asks them "What's that Amateur Radio all about?", the amateur could give them a copy and they could see that it is one of the most exciting and useful things in the world. We know of doctors who put a copy in the waiting room so the general public will see the good that ham radio does.

While Amateur Radio is a lot of fun, it also is a tool of good, of benefit, of service, and can be one of the most valuable facets of the human endeavor that we know. Every issue of Worldradio has chronicled amateurs saving lives and relieving human misery.

In the next issue will be a story of some electronic engineers in Southern California who use their ham gear and knowledge to assist schools and orphanages in Mexico. Such is the use of ham radio that brings it the publicity that the general public can understand. It is also the kind of activity that can give one a sense of satisfaction that he is helping his fellow man and "paying his dues" for the time spent on the planet.

However, "our" paper is having a few minor problems. It seems the postal service requests money to mail the paper and the printer and his crew, understandably, wish to be paid. The friends of Worldradio can help. We believe that when you give a gift subscription to someone, you are doing more than giving a gift, you are paying a compliment. You are saying that they would be interested in a publication that is being read by those who have a zest for life. Our readers have the inner security that allows their interests to go outside of themselves and on to helping others with their equipment and knowledge.

Another way to help would be to draw up a list of names and addresses, or calls, of hams who are the type that would be interested in Worldradio. We would be pleased to send them a complimentary sample copy.

What kind of progress has Worldradio made? Coming out every three weeks this is our 12th issue. It is a tribute to the caliber of reader that the article contributions make a paper of this size possible. It must certainly be the largest paper based on 650 subscribers in any field. It has more content than papers with four times the circulation. Where it goes from here and what it does it entirely up to you. You will chart the direction of "our" paper. Our type of Amateur Radio journalism is to reflect what the amateurs themselves are doing.

If someone should ask you what Worldradio is about, say-"its about people, people who are hams, and what they do with the hobby/service."

Armond Noble, WB6AUH

The Ham Is Universally Friendly



Oscar Martinez, EA4ID

While I had never worked any Spanish hams on the air, I thought it would be pleasant to meet some of them in person.

Our first attempt was in Pamplona where Felix Echegary, EA2GU, lived. He wasn't at home but his brother priests visited with us and showed us around for an hour. Due to our schedule we had to leave before his return.

At Vich, we were driving along on a secondary road when I saw a tri-

By
Fred Barnes,
WA8PCT
AREA-209



Pedro Majoral, EA3RF

bander beam. We drove up and knocked on the door. I showed my QSL card and was immediately, and warmly, invited in by Pedro Majoral, EA3RF. He was building a new home and as in any ham's home a tour of the shack was in order.

Our next opportunity was in Cuenca. We knocked on the door of Marcel Huelamo, EA4IK, and were admitted by his XYL who seated us and called her husband on the phone.

They could not speak English but they had another ham friend who could speak French. Another phone call and Oscar Martinez, EA4ID, and his son, Armando, EA4IO, came by.

My XYL, Elizabeth, WB8IJO, and I studied French in school so we

managed quite well with Oscar. Then they all took us for an evening drive in Cuenca. The floodlit buildings are quite an attraction.

Finally after a breathtaking ride up a mountain trail in the dark, we arrived at the local TV repeater station. Oscar is the chief of technical services for the local station. He has a home brew two meter transmitter there that is used for calibration purposes.

The following day, after sight-seeing, Oscar took us for a tour of the radio station where we met Gabriel Soria, EA4IE, who showed us his own home brew equipment before we had to leave.

I think this shows that the ham is universally friendly.

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year. And many of them must be arranged before your friends leave the other side.

So write to them. Tell them to talk to their travel agent or overseas carrier. (That way, they can get all the details.)

Then add one more thing. Tell them America is not so big and bustling that no one will have time for them—and you'll

be around to show them the ropes when they arrive.

Now sit back and wait. With any luck, you may soon be showing them America as you see it. But better be prepared for one surprise.

You may soon also be seeing America as they see it—rediscovering it through their wide and startled eyes.



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(adv.)

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There is no initiation fee nor are there any dues. All that a Noble or Mason need do is to check into the Nobility Net which meets each Saturday at 1700 GMT, on 14.310 MHz.

(adv.)

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
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U.S.A.

The Worldradio Foundation

ten percent of your subscription fee is divided among:

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, W0EBG, 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 (W0) 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 *Worldradio subscribers*

This listing is provided to facilitate your acquaintance with those of similar interests.

(Continued from last issue)

D.D. Dustman, K8SSZ, Detroit, Michigan
Lee Wood, -, Los Angeles, California
Russell Henry, W0LEK, Sterling, Colorado
Earle Lockwood, -, Redmond, Washington
William Muldoon, K1EUD, Hampton, New Hampshire
Art Duffy, WN6FOU, Sacramento, California
Harry Gorman, K6UVL, San Francisco, California
Ed Johnson, W6TRR, Sacramento, California
Charles Fornsworth, W6SYP, Lodi, California
Burton Langley, W6AOC, North Palm Springs, Calif.
James Maxwell, W6CUF, Redwood Estates, California
Ray Taylor, K6BID, Corona, California
J.P. Ashcraft, WB5BFZ, Dallas, Texas
Mildred Stine, W6KHM, Millbrae, California
Alma Bourhenne, WB6UNT, Cardiff by the Sea, Calif.
Bobbie Underhill, WB6BAC, San Diego, California
Dr. Bob Gooch, K7GRP, Scottsdale, Arizona
Charles Zelikovitz, W3FQT, Philadelphia, Pennsylvania
Leon Saroff, WB6YFT, Los Angeles, California
Charles Dewey, Jr., W8LBM, Battle Creek, Michigan
Norman Dilley, -, Costa Mesa, California
Charles Eder, W6LOE, Citrus Heights, California
Allen Lemmon, W6KVT, Sacramento, California
Ross Forbes, WB6GFJ, Los Altos Hills, California
John Knight, W6YY, La Canada, California
Jerry King, W6GBY, Milpitas, California
Paul Churchill, W6QBY, Atherton, California
Alfred Mueller, DL1FL, Kiel, WEST GERMANY
Veysel Guleryuz, TA2VG, Istanbul, TURKEY
Karl Davick, W6UTC, Los Angeles, California
Milton Bramer, W6DKQ, Santa Maria, California

Herbert Breuer, W6JN, Sacramento, California
Jeb Boswell, W1GJU, Newton, Massachusetts
David Oliver, WB6VKH, Orangevale, California
Dr. Paul Zukin, W6OVW, Los Angeles, California
John McEnnerney, W6LII, San Carlos, California
John Fraukle, W9NKC, Warsaw, Indiana
Joseph Hutcheson, WA5SXR/1, Williamston, Mass.
James Jerva, -, Skaneateles, New York
Sam Snyder, WA6ECE, Elverta, California
Robert Holly, W6DRV, Tarzana, California
Wally Newman, W6FEX, Smith River, California
Grant Storey, W6NTK, Oakhurst, California
John Troster, W6ISQ, Atherton, California
Grant Luden, W7HYZ, Spokane, Washington
Peter Detwiler, WA2MFY, Gladstone, New Jersey
Bill Richards, -, Newton Square, Pennsylvania
Anthony Masi, WA2EAN, Massapequa, New York
Edward Graetz, WB6IOQ, Sepulveda, California
Frank Savat, WA5YOI, Shreveport, Louisiana
Col. Thomas Monroe, Jr., W6GGR, Eureka, Calif.
Will Haas, -, San Jose, California
Raymond Giese, K6FD, Santa Clara, California
Paul Holsen, HR1PJH, Tegucigalpa, HONDURAS
Phil Pector, W9LDX, Bodenfelde/Weser, GERMANY
Enar Jansson, SM4IM, Charlottenberg, SWEDEN
Ruth Tollisen, LA6ZH, Oslo, NORWAY
Odd Thvedt, LA1TE, Oslo, NORWAY
Guy deCramayel, HE9RAP, Lausanne, SWITZERLAND
Henri Gonard, F3KW, De-Guinchay, FRANCE
Hans Hanssen, LA4HL, Kristiansen, NORWAY
Mario Grimalda, I3ZDL, Pordenone, ITALY
(Continued next issue)

WORLD QSL BUREAU

5200 Panama Ave.
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Dear Radio Amateur:

Here is how our Bureau operates. Please keep this handy for future use.

WHAT YOU DO

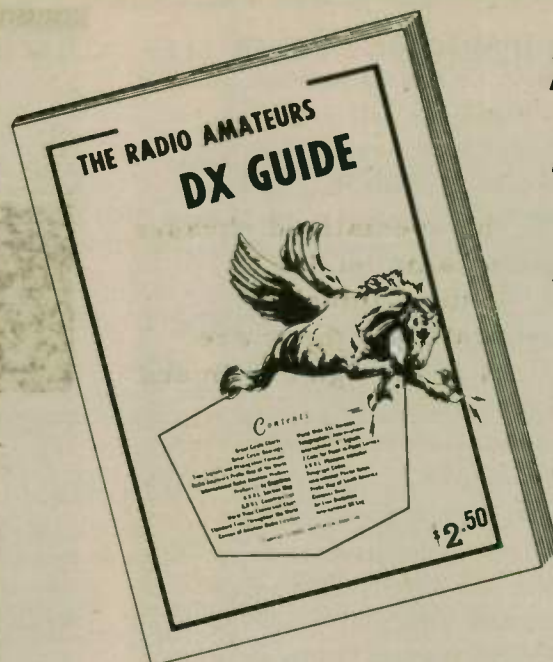
Send us all of your QSLs for anywhere in the world, including all intra-USA QSLs as well as QSLs for all foreign stations. The price is 5¢ each. Please arrange cards alphabetically. List call of station that QSL is for, only once. Do NOT include address of that station. Payment must accompany QSLs. U.S. cash preferred, but check, money order, stamps, or IRCs accepted.

WHAT WE DO

We distribute QSLs by a combination of direct, other bureaus, and clubs. The majority of QSLs are sorted, processed and mailed out within 48 hours of receipt. All QSLs are checked for possible QSL managers and are sent direct to such QSL managers with an SASE included for reply via the ARRL QSL Bureaus. We utilize every possible aid to operate the World QSL Bureau in an accurate and efficient manner, including the use of computers, postal stamping machines and mechanical equipment. We are presently handling more than 1,000,000 QSLs a year. Our goal is to handle all the QSLs in the world.

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INTERNATIONAL DX LOG — prefixes of all countries that qualify for DXCC. Ample space provided to make a permanent record of all DX stations worked, showing date, call letters, frequency and whether a QSL card has been sent or received. Can be used either for a DX contest or the annual ARRL field day.

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GREAT CIRCLE MAPS — centered on New York City, San Francisco, Seattle, Wash., Washington, D.C. and the center of the United States.

PREFIX MAP OF SOUTH AMERICA — showing the number or letter designating all sections and countries.

ARRL SECTION MAP — of the U.S. Check off the sections you have worked during ARRL contests.

GREAT CIRCLE BEARING TABLES — each printed on a separate page for easy removal of the one nearest your location. 326 bearings are shown to the nearest degree and the distance in statute miles on each table for Anchorage, Alaska; Atlanta, Georgia; Boston, Mass.; Buffalo, N.Y.; Chicago, Ill.; Columbus, Ohio; Dallas, Texas; Denver, Colo.; Detroit, Mich.; Honolulu, Hawaii; Houston, Texas; Jacksonville, Florida; Kansas City, Mo.; Knoxville, Tenn.; Los Angeles, Calif.; Louisville, Ky.; Miami, Fla.; Minneapolis, Minn.; New Orleans, La.; New York City, N.Y.; Norfolk, Va.; San Francisco, Calif.; Seattle, Wash.; Washington, D.C.; and the geographical center of the United States.

GREAT CIRCLE BEARINGS IN THE UNITED STATES — between 39 large cities in the U.S.A. — a valuable aid for VHF work as well as handling traffic through QRM.

GREAT CIRCLE BEARINGS TO WORLD WIDE METROPOLITAN AREAS — exact bearings to the nearest degree from 39 cities in the U.S.A. to 39 metropolitan areas throughout the world.

TIME CONVERSION TABLE — determine the time in any time zone in the world. Also know whether it is today or tomorrow at the place heard or worked.

TIME THROUGHOUT THE WORLD — time zones of most countries. Explains the International Time Zone System.

AIR LINE DISTANCES IN THE UNITED STATES — arranged in alphabetical order between 39 cities of the United States.

POSTAL INFORMATION — rates for QSL cards, first class and airmail letters to foreign countries. Also the number of international reply coupons for the proper postage for a return airmail letter is shown for most countries.

ARRL COUNTRIES LIST — official list of ARRL DX contest and DXCC. Courtesy ARRL.

COMPASS ROSE — for that rotary beam indicator, graduated for 360 degrees. With white background and no print on the reverse side of the sheet.

PLUS THESE INTERESTING FEATURES — INTERNATIONAL "Q" SIGNALS; WORLD WIDE QSL BUREAUS; "Z" CODE FOR POINT-TO-POINT SERVICE; ARRL PHONETIC ALPHABET; TELEGRAPHERS ABBREVIATIONS; DX OPERATING CODE; TELEGRAPH CODES.

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From Hobby To...

Business/Service

the story of

FOREIGN LANGUAGE QSOs

by Dan Turk, WA6JRP

Like a lot of Americans, Carl Sletten studied some German in college. When his job in electronics gave him an occasional opportunity to travel to Europe the advantages and pleasures of speaking German became very apparent. With some language records and classes at Harvard his use of the language improved enough for travelling and shopping.

His next adventure in foreign language was really wild! Would he be interested in a senior Fulbright lectureship at the leading electrical engineering school in Madrid?

This was Spring of 1963 and he didn't know ten words of Spanish.

But a year away from his tough job as Director of the Microwave Physics Laboratory was inviting and the lure of the Spanish capital was too strong. The decision was made to take his wife, Ruth, and their five children away for a year from their home in Acton, Mass.

In September of 1963, after three months of work at the Berlitz School in Boston, the family journeyed to Spain. At age 41 language mastery is harder to attain but nevertheless an enchanting and sometimes mysterious world was opened by the stumbling use of Spanish.

Up until 1965 Carl's ham ticket, W1YLV, issued in 1953, had been used largely for two meter operation using antennas he built for the VHF bands. This phase of the hobby was related to his professional work which had earned him Fellow grade in the IEEE, numerous publications, awards, patents, etc.

However now his interest in friends in Spain and Germany caused him to buy and assemble Heath's SB-100

transceiver and install a TA-33 antenna on top of his suburban home for 15 and 20 meter DX contacts.

Again the need for foreign language skills was plain enough but how could one get the specialized phrases used by foreign hams on SSB?

Fortunately at the Cambridge Research Laboratories there are many scientists of foreign origin and one German scientist, Dr. Uve Lammers, was also an active amateur -- DL9WZ/W1.

While looking through a copy of Uve's German ham magazine "QTC" an advertisement for English language tapes gave them the idea for FOREIGN LANGUAGE QSOs.

Why not provide courses for American amateurs in the technical jargon heard frequently on the bands?

Certainly many hams must have Carl's problem of trying to find the proper terms for rudimentary QSOs. Uve being fluently bilingual didn't have the problem, at least not in English or German, but he agreed anyway to help in a project to make foreign languages available to English speakers.

One of Carl's former students from the Escuela Tecnica Superior de Ingenieros de Telecomunicacion, Professor Jesus Minana, then was doing graduate work at Harvard University. He brought a good Castillian accent and a knowledge of Spanish electronic terms to the project.

For Japanese, the laboratory had a native too. Dr. Koichi Mano with the aid of the official English-to-Japanese manual available in Japan arranged the bilingual NIPPONGO-DENO QSO. His lovely daughter lent her voice to the recordings.

FOREIGN LANGUAGE QSOs ran its first ad in QST magazine in November 1970. The little enterprise owns two tape recorders including a Tanberg, two cassette players, a 55 watt amplifier and investments in tapes, printing and packaging materials. Of course



Carl Sletten, W1YLV

no laboratory resources or time were used and the unfamiliar business problems of advertising, keeping records, copyrighting, etc. had to be learned.

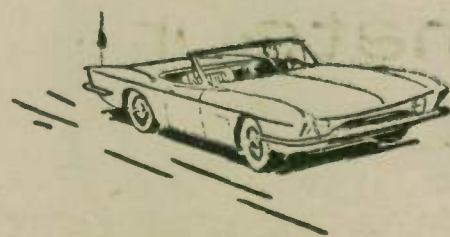
So far it is just a service to hams with no profit to show at the end of a year. Carl says it "has been real fun." The customers number over 100 and he has received many appreciative letters...and only one bad check.

There is evidence that the experiment is on firm ground and the idea of learning languages on the ham bands is catching on. The average QSO provides endless repetition at a low information rate. It is easy enough to learn greetings and how to exchange signal reports. After that the challenge to master conversation is limitless. The satisfactions are enormous and the benefits for travel are real.

It's a dimension of the hobby that doesn't appeal to all but neither does CW operation or contests. If you like people and want to be a good operator, language skills are handy. The foreign hams certainly appreciate such efforts.

Carl Sletten, W1YLV, can be heard most any Saturday A.M. on 14.265 MHz talking to friends around the U.S. and overseas. His station now boasts a new 70 ft. free-standing tower and a cubical quad antenna. Why not give him a call?

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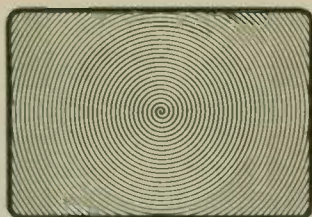
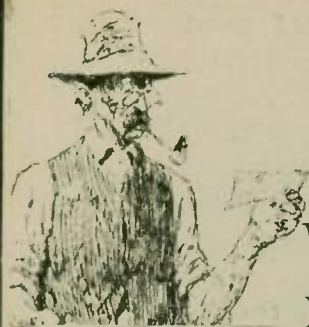


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Name _____ Call _____

Name (XYL) _____ Call _____

Name (Guest) _____ Call _____

Address _____

City and State _____ Zip _____

Mark the events in which you plan to participate

WCARS Breakfast _____ Ladies Luncheon _____ Mobile Hunt on _____ meters
Trowel Breakfast _____

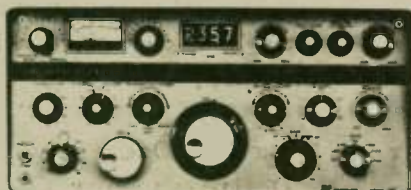
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Darleen

Saturday, Nov. 27th

Mat, Pam and Jenny drove me to the Brussels Airport where I caught a BEA plane for London and Roger Brown, G3LQP, was waiting for me and drove me to Reading.

I made a few contacts from his QTH and had a very interesting evening sharing my pictures with them and enjoying their hospitality.

Unfortunately, my time was very limited as I had a plane to catch the following morning for Iceland. Went to bed rather early as my cold was still giving me problems and with changing to yet another climate so soon I didn't want to take any chances.

Sunday, Nov. 28th

Roger, his XYL and family drove me to the London Airport and we had a leisurly breakfast before I boarded my BEA plane for Iceland. It was a very comfortable flight and several hours later landed at Iceland and Harry Kendall, WA5ZGR/TF and Ed Daigre, W5ILR/TF, (W5 "I love radio") and their XYLs met me at the airport and we drove to Harry's QTH and had a lovely dinner. Also on hand were TF3YL, Sigrin, and her OM, Haddi, TF3HS.



Haddi and Sigrin, TF3HS-TF3YL



Harry Kendall, WA5ZGR/TF

Monday, Nov. 29th

Sigrin and Haddi took me sight-seeing and shopping during the day. Harry and Didda, his XYL had a dinner party for me and what delicious steaks I had. Didda is Icelandic and works for Pan Am. I was teasing her that with a name like that she definitely should be a ham and I think she is interested. Showed some slides of my trip after the dinner and then went to bed exhausted. Some day I am going to catch up on my sleep.

Tuesday, Nov. 30th

Joined Didda and Kea, (W5ILR's XYL) for a luncheon of military wives and then got on the air from W5ILR's shack and then Harry picked me up after work. We then drove in to Reykjavik for a dinner that Sigrin (the only YL operator in Iceland) and her OM had for me which included most of the Icelandic hams who were able to attend. The reporter from the local newspaper came over and interviewed me and took some pictures.



Ed Daigre, WA5ILR/TF

Wednesday, Dec. 1st

Spoke to the local hams (military-Americans on base) at the regular luncheon meeting and it was very enjoyable meeting them eyeball to eyeball. That evening took it very low key as I was very tired.

Thursday, Dec. 2nd

Haddi and Sigrin came by about 9:30 A.M. and took me sightseeing around the island. We went over to the other coast where the greenhouses are in which they grow bananas, tomatoes, cucumbers, oranges, etc. The greenhouses use the steam which comes in from the geysers. On our return the weather got bad and it started to snow and the road became quite slippery.

Originally I had planned to stay until Saturday but then we were advised that there was a good possibility there might be a general strike in which event I would have no way to leave Iceland so we made reservations on Wednesday's plane. However, Tuesday night we found out the strike had been delayed

until Sunday so then I made reservations on Thursday's plane to have a little extra time in New York. But when we returned from sight-seeing we received a phone call indicating that both flights would overfly Iceland because of the extreme wind we were experiencing but they would fly in the following day if the weather was okay. I was then booked on Friday's flight but we were advised it would be between three and five hours late.

I was fortunate in being able to get through to Dottie, WA2RPN, in Oceanside, N.Y., and caught her before she drove to the airport. Hams have really been good about helping me notify my friends of changes in schedules and late departures, etc.

Friday, Dec. 3rd

Took an easy day and Harry and Didda drove me to the airport and Ed, W5ILR, saw me off and we left Iceland about 10:30 P.M. and I arrived in New York about midnight. Was met by Lee and Dottie Cohen, WA2RPC-WA2RPN, and we stayed up until 4:00 A.M. visiting and felt like I had known them for years.



Lee and Dottie, WA2RPC-WA2RPN

Saturday, Dec. 4th.

Made a few contacts on the air but the weekend congestion was prevalent so just visited; showed some slides and in general had a marvelous low key night which I really needed.

Sunday, Dec. 5th

Dottie and her OM drove me to La Guardia Airport where I caught a United Airlines plane for Detroit. Upon my arrival Rosie, WA8VXE, Ray, W8CNL, and Dewey, W8LBM, were waiting for me.

(Darleen addressed the Battle Creek Rotary Club and was a speaker at the annual Battle Creek Amateur Radio dinner.)

...and the people she meets

the Top Tour Ham Club station at the Hotel Waldeck at Gamprin. A lovely ham shack with a Sommerkamp 747, five element beam and antennas for 40 and 80 meters.

Met Erwin Huber, HB9AG, and his XYL, and then got on the air. They were so well organized that even a log book, pre-printed QSL cards with my new call and name were waiting for me.

Sunday, Nov. 14th

Got up early and made contacts and then joined John and Adda and Helmut for breakfast and then Fred and Erwin came by and we chatted and took some pictures. John, Adda and Helmut then left to drive back to Stuttgart and we bid good-bye until the following Sunday. Had many visitors in the afternoon. However, I was very excited that at long last I would meet another YL, Greta Hubacher, HB9ARC, (she just graduated as a dental surgeon) and her OM, Arno, HB9-AJL (head of the computer section at his company). It was absolutely wonderful meeting her. I had contacted Greta several times on the trip and we had hoped to meet, which we did. They left after dinner and said they would return Wednesday afternoon as there was a local ham meeting scheduled for Wednesday.

Monday, Nov. 15th

Got up early and talked to many friends in ZL and VK land. Also, did some early morning 80 meter work and did manage to work some VEs. Fred, HB9AAQ, was in constant touch and came by for afternoon coffee.

Tuesday, Nov. 16th

Fred came by and we went sightseeing in the Principality of Liechtenstein, got some post cards and stamps for those friends of mine who collect stamps and a few souvenirs including a doll for the collection of K7UBC, Verda Sieben-thaler of Idaho. It was a perfect day, mild in temperature and snow in the mountains. We then drove to his home as I had been invited for dinner. I did get on the air from his station but unfortunately propagation was very poor so the only fellow I contacted was Paul Brogan, W7GOC, of Sequim, Wash.

We then visited and about 10:30 P.M. he drove me back to the hotel and instead of getting on the air I went straight to bed as I was very tired.

Wednesday, Nov. 17th

Got on the air about 7:30 A.M. and then in the early afternoon Greta and Arno from Winterthur arrived and we went down and had coffee. Propagation was very poor. Then Fred and Erwin came by and we had dinner in the early evening prior to the amateur meeting. About 8:00 P.M. we had a meeting with perhaps 20 hams present. I gave a talk on my trip and they presented me with a beautiful souvenir of Liechtenstein, a carved music box which plays Eidel-weiss. Then Greta and Arno invited me to drive with them to Winterthur and stay with them. The ham meeting was an international affair with OE9JKI, Joe Kuehs, from Austria; HBØLL, Hugo Hilti, and of course the Swiss hams.

Thursday, Nov. 18th

We drove to Winterthur and got to bed about 1:00 A.M. and got up at 6:30 A.M. to keep a schedule with OE9JKI. Then later that morning we drove to the Zurich Airport to meet the Editor of CQ Magazine, Richard Ross, K2MGA, and Carol, his XYL. Then I got my airline ticket completely rewritten to include Iceland and Canada on my return from Europe. That night we had a cheese fondue dinner and Kurt Bindschedler, HB9MX, and another ham came to the dinner.

Friday, Nov. 19th

Greta and Arno took me to the train station where I caught a train to Geneva. Upon arrival I checked in at a hotel across the street from the train station and called Ted Robinson, F8RU, at 4U1ITU. He was not in the office at the time I called so I took a cab there and by that time he had returned from lunch. I was invited to the ham shack and got on the air. Later that afternoon I experienced the first snowfall of the trip and it was a beautiful sight. Had a wonderful dinner in Geneva and rested very well. Rather than talk to my friends in ZL and VK land, I slept in.

Saturday, Nov. 20th

Ted and his XYL met me at the 4U1ITU shack and took me to a lovely restaurant and we had a very leisurely two hour lunch with a fish soup (mussels) specialty which was delicious.

Got on the air again after lunch and talked to a few friends in California as well as Beth Taylor, W7NJS, my very good friend in Portland, Oregon and made arrange-

ments to meet with the Portland DX Club on Monday, Dec. 20th. Then had a lovely dinner and upon getting back to the hotel packed for an early morning departure.

Sunday, Nov. 21st

Left on the 8:00 A.M. train for Zurich where I was to catch a plane for Stuttgart. It was snowing and the train moved very slowly and we arrived in Zurich two hours late and I had missed my plane (in fact, the flight was cancelled). When I arrived at the Zurich train station I was curious as to all the broken glass and collapse of part of the building and the roped off areas not realizing that a bombing had occurred earlier with 14 people being injured. Sometimes it's nice to be ignorant and not know what goes on! In any event, I then had to take the train to Stuttgart and it arrived at about 7:15 P.M. and John and Adda were waiting for me to take me to the party at DK3PO. Had a marvelous time and showed some slides. They showed us a DX movie (all in German) about their DXpedition to Corsica. It was hilarious and something I think many DX meetings would enjoy seeing.

Monday, Nov. 22nd

Slept late and tried to get organized for my future travels to Belgium. Did packing, wrote a few letters and contacted some hams on the air.

Tuesday, Nov. 23rd

Finished packing and made reservations for my flight to Brussels and talked to Pam, ON4QP, and her OM, ON5KL.

Wednesday, Nov. 24th

Adda drove me to the Stuttgart Airport where I caught a Pan Am flight for Brussels and Pam met me at the airport and I was royally entertained at their QTH and did a lot of ham radio operating.

Thursday, Nov. 25th

Did a bit of sightseeing and lots of resting in bed. I had caught a bad cold and sore throat and stayed off the air a great deal of the time.

Friday, Nov. 26th

We went out to a Chinese restaurant for a delicious dinner and then stopped by the Brussels Amateur Radio Club and spoke a few words to the group.

(Turn to next page, please)

Travels Of Darleen, WA6FSC

Thursday, Nov. 4th

Left Bremerhan by train for Rotterdam. Was met by PAØPHO, Truus and we immediately drove to her parents' apartment and joined them in a birthday party so I met most of her family as well as her husband's family. Got to their apartment about 1:00 A.M. and then got up about 8:00 A.M. the following morning. Wout, her husband, is an engineer on a ship and is gone much of the time. He is not a ham but brought her back a beautiful Trio ham rig from Japan last year. Truus is the first woman in Holland to receive a commercial radio license with the hope that when their two children are grown she can accompany her husband and be a ship radio operator.

Friday, Nov. 5th

Wout and Truus took me sightseeing around Rotterdam and then we returned in the afternoon and got on the air from her shack. The relay to change antennas in her ham shack are located in the water closet! We made contact with many old friends including Rojer Medlin, VU2HLU, and this was a new country for her. She and her husband cooked a typical Dutch meal for me which was composed of beans, rice, raw onions, a pickle, relish, etc. From her QTH I called Andy Lippens, ON4"OLD BONES" and made arrangements to be in Brussels the next day.

Saturday, Nov. 6th

Wout and Truus took me to the train station using the new Metro and I arrived in Brussels around noon. Unfortunately, Andy and his wife did not see me and drove to two other train stations in Brussels and I then called them at home and they immediately came to the station where I was. They took me to the Brussels Airport for a delightful lunch of wonderful steak with all the trimmings. Then we went to their QTH and I got on the air from his station. They then took me sightseeing to downtown Brussels and then we returned to their QTH and met Jim Price, W8-FXP, a friend of Andy's (I had previously met Jim in London at the F.O.C. dinner on Oct. 3rd).

Andy had invited several other hams over for the evening to view some of the slides I had taken. Those in attendance were Pam Ott, ON4QP, and her OM; Leon Halsband, ON5TW, and his XYL; and Mat Van Campenhout, ON5 "KISSING LADIES". We had a wonder-

ful time looking at pictures and discussing my trip. Andy, ON4OB, used to be Director of Public Works in the Belgium Congo, in fact his charming XYL, who speaks only French, was born there. They were forced to leave all their possessions and beautiful home a few years ago when the political climate changed so abruptly.

Sunday, Nov. 7th

Andy and his XYL drove me to Luxembourg and we viewed the "Nuts" Memorial, the Battle of the Bulge location. Then we had lunch at a beautiful inn off the main road with a lovely stream running through the property. The food was unbelievably delicious as French food is. Then we drove to Luxembourg City where I boarded a train for Stuttgart. It was necessary for me to change trains three times but finally around 10:00 P.M. I arrived and Helmut Hochberg, DL8ST, together with DA1BO and DL5HU, Adda and John Barrows, were waiting for me at the station and we drove to Adda and John's QTH. I



Adda Barrows, DA1BO

met Adda on the air for the first time from Jordan when I was operating as JY9DK and she invited me to come and visit them when I got to Germany and wrote me a lovely letter. From time to time I had occasion to talk to her and later learned that she was originally from Iceland and has frequent schedules with Sigrin, TF3YL.

John and Adda hope to return to California to live sometime in 1972. He works for the U.S. Government in engineering and he had met Adda in Iceland many years ago. They are a lovely couple and it was an unusual experience for me to be back in a home where English was so freely spoken and to get my breath and stock up on a few personal needs and have typical American food for a change. Also, had a lovely time operating their ham station and keeping in touch with the many friends I had made throughout the world.

Monday, Nov. 8th

The usual round of social activities. Had lunch with John and a former Californian who now works in Germany (non-ham).

Tuesday, Nov. 9th

John and Adda had several couples over for dinner and I showed my slides. Among the couples were Helmut, DL8ST, and his charming XYL. Helmut is one of the most kind and thoughtful gentlemen I have ever met. He made arrangements for me to ride with him to Lichenstein and he even put in mobile equipment so I could operate all the way to HBØ land. He is formerly from Latvia and speaks several other languages.

Wednesday, Nov. 10th

Stuttgart - over to Helmut's QTH for a delicious dinner and we did a bit of operating.

Thursday, Nov. 11th

Called Fred Tinner, HB9AAQ, to make sure all the arrangements were finalized for HBØ land.

Friday, Nov. 12th

Showed slides at the Stuttgart Radio Club. In the afternoon, Hans Heim, DK3PO, came by with a beautiful bouquet of flowers for both Adda and me. I met Hans for the first time on the air when I was operating as VR5DK in Tonga in Nov. of 1970. We had a lovely eye-ball QSO and he told me that he would bring his XYL to the Radio Club meeting that night. It was indeed a great pleasure to meet her, they are a lovely couple and have done a great deal of travelling.

Hans asked me when I would be returning to Stuttgart and I told him probably Sunday, Nov. 21st, so he asked me if I would be willing to come to a party at his hotel, the Heim Hotel, in Ludvigsburg and I said I would be pleased to do so.

Saturday, Nov. 13th

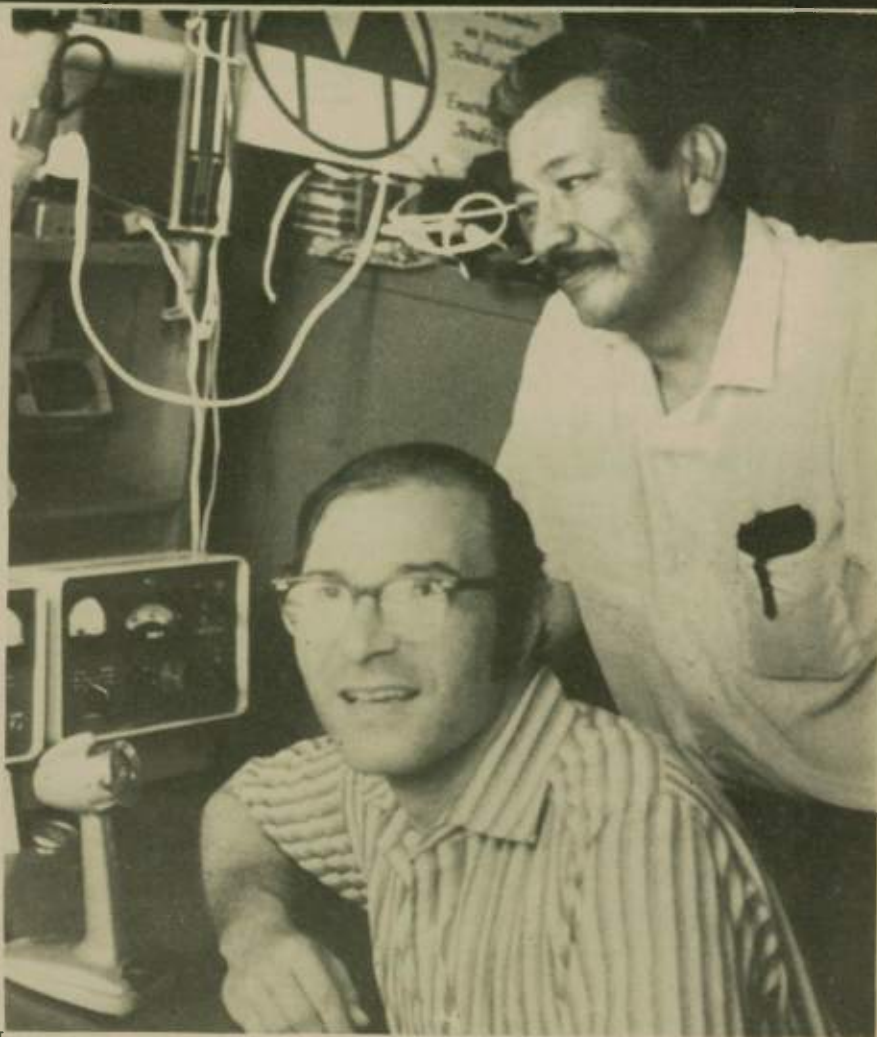
About 8 A.M. we drove to Helmut's QTH and we drove in two cars to Leichenstein. I operated WA6FSC/DL/Mobile and we talked to many countries in Europe as well as a few in the U.S. When we arrived at the Swiss border, Fred, HB9-AAQ, was waiting for us and handed me the Swiss license at the border so we continued to operate mobile with the call HB9XIC/Mobile until we got to Liechtenstein where we operated HBØXIC/Mobile.

I was the first YL to operate in HBØ land and was invited to use



(left)
Yungay, Peru-Mud and rock came from Mt. Huascaran in background note the path taken by mud on side of mountain, came from 19,000 ft. level at 200 mph- 80 million tons.

(right)
Larry, WA2AAD, with Aquiles Lenao, OA4WH, President of the Radio Club of Peru.



BROOKLYN JEWISH HAM
OPERATOR AIDS PERU

(from the "Brooklyn Tablet")

Plastics! That's what a Jewish Brooklyn volunteer "ham" radio operator, an Episcopalian industrialist, a rabbi and Catholic Relief Service have in common.

They all contributed in an uncommon way in helping the Peruvian earthquake victims rebuild their devastated homes.

Larry Lazar, 25, of Brooklyn went there to set up a network of radio stations to reestablish knocked out communications. While working with American and Peruvian priests he saw a great need for roofing. Mr. Lazar contacted Rabbi Rosenthal via a "ham radio phone patch." The chain reaction started rolling.

Rabbi Rosenthal made an urgent appeal to William W. Henderson, President of the H.O. Canfield Co. Mr. Henderson, an Episcopalian, in turn pledged his company's support and secured the help of other companies as well.

Three days after Mr. Lazar made his initial radio request, 52,000 square yards of plastic roofing headed for Peru. Catholic Relief Services made the arrangements for shipment from the Port of Newark aboard the SS Santa Maria. Distribution of the materials to the homeless was carried out by CRS.

(Uda Ross, OA4J, was on the Lima end - Nat Pfeffer, W2AIM, was the New York City station.)

(copy of letter)

ARZOBISPADO DE LIMA
July 12, 1971

Mr. Larry Lazar
Peace Corps
Bogota, Colombia

Dear Mr. Lazar:

On this occasion of the first anniversary of the "J Net", the service it provided for the people in the earthquake area will long be remembered.

The fact that the radios provided continuous service with a minimum of experience on the part of the operators, is all due to your many trips, hiking or riding on trucks or in helicopters.

The sacrifices you made of your time, your money and technical ability are typical of your spirit of dedication. Not only did you keep the "J Net" on the air but you made many friends while you were doing it.

My colleagues in the Comité de Solidaridad de la Iglesia, COMSIG, and I express our appreciation and thanks to you for the excellent work you did here in Peru.

May God bless you,

John Cardinal Landazuri Ricketts
Archbishop of Lima and Primate of Peru

more information on the Peru Disaster
(see QST - Dec. 1970-pages 87-89)

shiver in the onrush of frigid mountain air. The trip normally took an hour and although Jose' tried to make time on the straight-a-ways, he crawled over the toothpick like bridges and sharp bends in the road.

About midway in the trip we all trembled because two tons of earth tore loose from the steep embankment above us and very narrowly missed the truck. We now traveled at a snail's pace in fear that the vibrations from the truck would set off other landslides, which might not miss us.

The hospital staff had received our message and was waiting for us. They immediately took care of the girl. It was the classical "hurry up and wait" scene: we spent the next two hours unwinding, kibbutzing as if all six of us were the expecting father. At midnight the doctor appeared and said "Ahora, tu tienes un hijo!" "Now, you have a son!" So we celebrated the birth of a seven pounder.

On the way back to my tent home I continued grinning from ear to ear for I had only just begun my birthday!



High And Cold

By Larry Lazar, WA2AAD/HK3

It now seems like a dream: Jew volunteering for the Catholic Church; city-bred boy living under explorer-like conditions; celebrating my birthday by playing poker for matches; fingers so cold I was fumbling the cards.

The date was July 12, 1970; the time, just three hours before my 27th birthday. I was in Anta, the impromptu dirt airstrip carved out of the rich soil of the 9,000 foot high, windswept Andes Mountain valley called the Callejon de Huaylas.

The earthquake of May 31st left 70,000 Peruvians buried here and the half-million made homeless still lived in chilled tents.

Anta was the center of all relief operations, and for that reason I had set up OA3JI. With me in the candlelit and unheated radio tent were: Miguel, a young seminarian turned volunteer radio operator; Jose, my crack driver who successfully navigated the world's worst mountain roads; and, two Peruvian government engineers who had evaluated earthquake damage.

Our intense interest in accumulating

matches was broken by the voice of Major Rosas, the Peruvian Infantry doctor, who appeared at the door. "A woman has just been brought to my tent. She's in labor, with complications, and it's absolutely necessary to take her quickly to Huaraz Hospital where there's an operating room."

While Jose and the others brought the truck to the Major's tent, I thought of the rig. I knew it was after net hours (and the skip was wrong for 7158 kHz) but perhaps someone was monitoring the frequency. It seemed like an hour, although in reality it was only minutes, before I got the generator started and the rig warmed.

My Spanish was to be tested under real pressure when I began to call "Emergencia! Emergencia! esta es OA3JI, OH-AH-TRES-JAPON-ITALIA. Cambio!"

My plea for help was answered in less than 20 seconds by OA3JJ in Caraz, 50 miles to the north. The voice was familiar; that of 16 year old Pedro whose entire family was buried alive in Yungay by the mud

and rock that flowed from Mt. Huascarán, the tallest mountain in Peru. Upon receiving my message, he ran half a mile to the eight-bed Caraz Hospital where there was a Ministry of Health transmitter with which he could relay the message to the Huaraz Hospital.

The truck horn was honking for me; I left the tent and jumped aboard. Buried under a mound of blankets on the truck's open platform was our important passenger; there was no room in the cab of the truck for her to lay comfortably. Moans emanated through an opening in the blankets and a round face emerged.

The soon-to-be-mother appeared to be no more than 15 years old and her dedicated husband of 18 was crouched next to her; I learned later he had carried her five miles from their village.

As the truck sped the 30 miles south to Huaraz a male Peruvian Infantry nurse tried to comfort the girl who was tortured by the bumps and potholes in the newly reopened dirt road.

The rest of us could do nothing but

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Carl Sletten, W1YLV

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NAMS

By Louis Huber, W7UU

Newest of the monitoring services, NAMS (Northwest Amateur Monitoring Service) was six months old on 15 January 1972. Operating from 9 a.m. PST until 5:15 p.m. PST, NAMS on 3970 kHz covers Oregon, Washington, lower British Columbia and Idaho. Occasionally northern California and Nevada stations check in, too.

Gaining vigor steadily, NAMS has astounded observers -- some of whom predicted its early demise. Its outstanding feature is its "organized lack of organization," for NAMS has no officers, no dues, no membership list, no roll call and its monitor-control stations send in no reports to anybody.

NAMS does have a consulting committee of five members; at present they are: William Milner, W7MDM; Louis Huber, W7UU; Richard Foster, K7AJT; Julien Dewaele, W7PWP; and Reuben Touminen, WA7KKC. And there are five alternate members: Lawrence Fitzpatrick, K7VAS; Edwin Granacki, WA7KKB; J. R. Clarke, VE7CC; William Reed, WA7GPW; and Wesley Calkins, W7ILJ. How are members and alternates of the consulting committee chosen? They "just grewed, like Topsy." It was this way:

W7MDM (William "Curly" Milner, near Vancouver, Washington) started NAMS out by merely announcing he was a monitor-control station and going at it a la WCARS and WPSS. Thus he became a sort of president ex officio, and has indeed been regarded ever since as the leader of NAMS -- with yeoman help from a number of other staunch NAMS devotees.

But Curly is not an egoist; he shuns kudos; he just wants NAMS to work-- and so he hit upon the idea of the consulting committee. He asked this writer and three other hams to serve with him as committee members; and then he asked each of the five to choose an alternate.

"When we have problems, then I won't be a dictator when I try to solve them," he explained.

Consulting-committee meetings are held irregularly, but they are well attended -- something like 90 to 100 per cent of members and alternates are there when the roll is called.

"Whenever we have a problem, that is the time to call a meeting," Curly says.

One important rule was set up almost at once: activity in opera-

ting NAMS is a prerequisite to consulting-committee membership (and alternate membership). If a member or alternate misses three consecutive meetings without adequate excuse, he loses his membership. Those remaining discuss the vacancy and pick a candidate to succeed the departed member. He is invited to join; if he accepts he becomes an alternate. (If a member of the consulting committee departs, an alternate fills his place.

This set-up, it is felt, is one of the strong features of NAMS.

"Taking part in NAMS is entirely voluntary," declares Curly. "The success we have had is not due to me but rather to all the hams of the Northwest who check in and serve as monitor-controls."

Isn't this dangerous? Won't NAMS get some oddballs who will run it the wrong way? Well, possibly, but (if so) there will be plenty of others who will notice it and speak up. NAMS is like a raft going down a river: once in a while it needs a shove when it is seen to be heading for a snag, a rock or a sandbar. So far it has not hung up on any obstacle.

One other thing has helped: a single mimeographed sheet with the NAMS "preamble," with a list of one-ringer numbers in various localities, and with some directions on how to handle highway emergencies. When someone takes master control and fumbles around a bit at it, he is asked for his address and a copy of this sheet is sent to him. It works like a charm: next time he sounds like a "pro."

If you need a monitoring service in your area, we suggest the above as a good way to establish it.

Helpful data for monitor-control stations of Northwest Amateur Monitoring Service... 3970 kHz from 9 a.m. till 5:15 p.m.

Keep transmissions short -- your own, of course, and those of others. The 3970 frequency is counted on for emergencies; it will be worthless when somebody is sitting on his mike button, happily hogging the frequency. Someone's life may depend on this!

Don't touch your dial! And don't argue about whether you're precisely on 3970 kHz. If you're within a kHz or so, that's good enough. What does matter is that you stay where you are. Many stations listen to 3970 all day long.

If you change frequency you may lose their help when you need it

most. Stay where you are -- yours is the frequency.

Don't comment on tuner-uppers or malicious interference. This is what they want; it pays to ignore them.

Sample routine announcements: "This is _____, monitor-control for NAMS, by for breaks. Every hour give this longer one: "The frequency of 3970 kHz is monitored daily from 9 a.m. until early evening, for assistance to radio amateurs of the Northwest. When checking in, please break with your call letters; when recognized, give your handle and QTH. Use c.w. breaks in emergency situations only, please. This is _____, in _____, monitor-control for NAMS -- the Northwest Amateur Monitoring Service -- by for breaks."

The following are one-ringer numbers in several cities. Use them ONLY for priority and emergency situations.

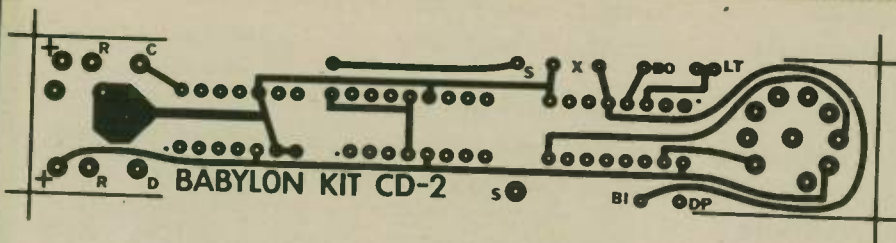
Abbotsford: VE7AGJ (604) 853-1466
Auburn: WA7OVG (206) 423-1769**
Beaverton: WA7NUG (503) 646-0268
Bremerton: W7MCW (206) 377-3461**
Centralia: K7AJT (206) 736-4516**
Longview: WA7OMX (206) 423-1769
Morton: W7PWP (206) 496-5848
Olympia: WA7KKB (206) 357-3256**
Pt. Angeles: WA7HKR (206) 457-3637**
Portland: WA7NBD (503) 236-0884**
Portland: WA7NVF (503) 223-4750
Seattle: W7UU (206) 282-6362**
Spokane: WA7GPW (509) 924-1488**
Spokane: WA7LGO (509) 747-6608**
Tacoma: W7DFL (206) 537-7706**
Pasco: W7ZCE (509) 547-6191**
Vancouver: VE7FW (604) 922-6862**
Vancouver: W7MDM (206) 695-4357**
Yakima: K7VAS (509) 453-4141**
** Denotes phone-patch capability

In case of highway emergencies the following points are important: please get them:

- (a) -- direction the car-in-trouble was going (eastbound, southbound, etc.)
- (b) -- highway on which car-in-trouble was traveling (interstate 5, etc.)
- (c) -- Nearest point of reference (just south of 45th St. exit, etc.)
- (d) -- description of car-in-trouble ('67 Ford Sedan, '71 Chevy pick-up)
- (e) -- Nearest point of reference any injuries (to how many people?) and IS AMBULANCE NEEDED?

NAMS was set up with the least possible organization: it keeps no membership list, issues no certificates, has no dues, no officers, no roll call, no formal reports, but

(Turn to page 30, please)

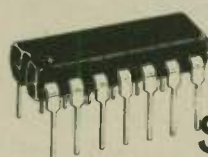


TOP

BABYLON ELECTRONICS

P.O. Box 85-Carmichael, CA. 95608

send for free catalog



TRANSISTORS

Popular numbers, all factory-marked. Guaranteed minimum of 40 pieces of TO-5 and TO-18 mixed. Untested, but sampling indicates over 85% good. Approximately 1-ounce 40 plus transistors for only \$1.89



BONUS SALE! NEW LOW, LOW PRICES

Free 810 operational amplifier (dual) DIP w/data for all prepaid orders of \$10 or more.....\$1.25 value

Free 810 op-amp and one LM309K 5 volt 1 amp. power supply module (TO-3) with prepaid orders of \$25 or more.\$3.75 value

With prepaid orders for \$50 or more you get the \$25 bonus plus TEN percent discount on all items purchased.

Digital Special

Ten brand new (on carriers) dual-in-line JK flip-flops -LU321 with data sheet and two pages of application notes describing hookups for - divide by three through ten, and twelve. Also self correcting ring counter hookups, etc. 10 LU321 w/data..... \$5.00

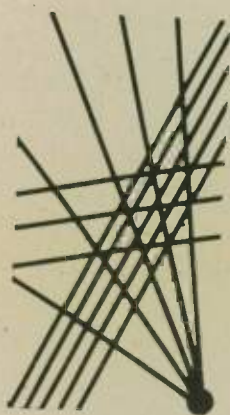
LINEAR IC's (dual-in-line)

709 operational amplifier50
710 voltage comparator.....	.75
LM100 positive voltage regulator..	.80
747 dual 741 op amp DIP.....	1.25
LM309K.5V-1A power supply module.....	2.50



Digital Counter Module 30 MHz

Unit includes board, SN7490, SN7475 quad latch, SN7447 7-segment driver and RCA "numitron" display tube w/decimal 1" x 4.5" module will mount on 1" centers. kit \$12 - wired and tested \$15.



Linear Special

TEN (10) TELEDYNE TO-5 741 operational amplifiers with a two page sheet of application notes covering the basic circuits using op-amps. \$0.75 each. Op-amp package 10-741's, data sheet and application notes-only \$7.00

OVERSEAS
INQUIRIES
INVITED

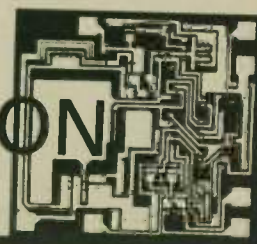
TTL dual-in-line

7400, 7401, 7402, 7404, 7405, 7410, 7420, 7430, 7440, 7450, 7451, 7453, each.....	.30
7441 BCD decoder driver.....	1.40
7442 BCD decoder.....	1.40
7473 dual JK flip-flop.....	.65
7474 dual type D FF50
7475 quad latch.....	1.40
7476 dual JK FF.....	.65
7480 gated full adder.....	.80
7483 4 bit full adder.....	1.60
7486 quad exclusive or gate.....	.65
7490 decade counter.....	1.40
7491 8 bit shift register.....	1.40

7492 divide by 12 counter.....	1.40
7493 4 bit binary counter.....	1.40
74154 one of 16 decoder.....	3.00
74192 up/down decade counter....	2.25
74193 up/down binary counter....	2.00
74195 univ. 4 bit SR	1.40
8220 parity gen/checker.....	1.00
8242 4 bit comparator.....	.90
8280 preset decade counter.....	1.40
8281 preset binary counter.....	1.40
8520 25 MHz divide by "N" 2 to 15-	2.00
7495 4 bit shift register.....	1.40
8590 8 bit shift register.....	2.00
8270 4 bit shift register.....	2.00
LED Red Emitting Lamp.....	.60

All IC's are new and fully tested - leads are plated with gold or solder. Orders for \$5 or more will be shipped prepaid. Add 35¢ handling and postage for smaller orders. California residents add sales tax. IC orders are shipped within two workdays of receipt of order-kits are shipped within ten days of receipt of order.
Money Back Guarantee On All Goods Sold

BABYLON



Is-That All There Is?

by Dennis Scannell, WB6IXC

"7P8AD, this is WB6IXC - you are 5 X 5 in San Diego, the name is Mike as in "microphone"--many others calling so won't hold it. Thank you for a new country." IS THAT ALL THERE IS?

7P8AD -Lesotho- what an exotic sounding name. I wonder what its like in Lesotho, I wonder who this guy is and what he is doing in Lesotho. Hope he's in the call book, at least I can find out his name. Yes, there he is, - Rev. FR M. Gareau -- that doesn't tell me much --except that he is a Reverend. I wonder if he is from the States or where? I'll bet he would be an interesting person to talk to. Sure would like to chat with him --but good grief! Listen to that pile-up! I wonder if he would like to give out something besides reports also? Maybe he would like to know who I am too -- I wonder what he cares about?

Does the above sound strange to you -- or is it familiar? Have you ever thought to yourself "IS THAT ALL THERE IS?". You know contests are great, and DXCC is great, and DXCC plus-plus is great-great -- but is that all there is? Isn't there some place for a friendly exchange, a chance to get to know one another and about his family and his country? Isn't that what Amateur Radio is really all about? I'll bet that there are a lot of you out there that feel as I do -- you would like to chat a few minutes with those operators in those faraway places, but you are afraid of what the other guys will say or think, aren't you. Well, so am I -- and isn't that a shame?

Now, I'm not advocating that we tie up a DX station for an hour or two -- most people can communicate quite a bit in ten to fifteen minutes. At ten minutes per contact that is still six per hour and that is more than you will get on one of those horrendous pile-ups (ZM7AG, etc.) with the unsportsmanlike conduct that attends them. And we certainly aren't talking about contests and DXpeditions-- that is strictly business as well it should be. And I'm not talking about whether or not you are running 960 or 987 watts into a blah-blah, and my antenna is a 17 element blah, and there are 1822 1/4-inch self-tapping screws in the lid of my final either. When I am talking to someone in Africa, or Europe, or whatnot -- I don't really care whether he is using a wet klusky or a 7,000 foot rhombic pointed at Des Moines -- what I really care about is him!

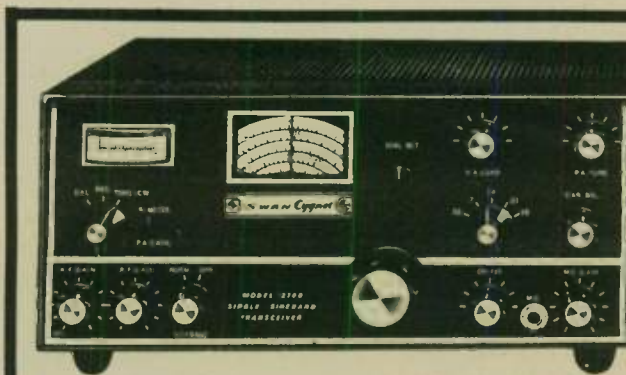
I'm not certain that I am brave enough to buck the system, but I might be if I knew that there were a few more out there that feel as I do. I know what I can do though: If I hear one of you trying out some conversation on a DX station, I can recognize your right to do that --and maybe you will do the same for me. Maybe we could start by leaving it up to the DX station -- how about a DXC (C for Conversation) calling frequency? Say 14.265 plus or minus 10 kHz and 21.265 plus or minus 10. We'll call there and if Worldradio can get the word to the DX stations, those that do want to talk can answer us up there. I think I will try it! Any of you DX stations out there that are interested--drop me a line. It



Dennis Scannell, WB6IXC

was Al Shawsmith, VK4SS, who once said in Worldradio, "the real art of communication is not only measured by DX miles but by the personal touch infused into the QSO."

73 de Dennis, WB6IXC
4201 Mt. Hukee Ave.
San Diego, CA 92117
USA



Worldradio has a Swan 270 Cygnet available for loan to medical personnel, relief agency staff, etc., going overseas on the short-term volunteer tours. The rig operates on 220 v.a.c.

The DX Den



by Dennis Scannell, WB6IXC

(Note: This issue marks the debut of Worldradio's DX Den conducted by Dennis Scannell, WB6IXC. Dennis is Secretary, Pacific DX Net, and a member of the International DX Association. Send DX news to Dennis at the address in the above article. We are most pleased to

welcome his buoyant spirit to the Worldradio project. WB6AUH)

VK3JW, John Martin, of Bairnsdale has announced that he has plans to activate the new DXCC country of Mellish Reef this summer. As many of you will recall, John, along with Larry Pace, K2IXP/6, successfully assaulted Willis Islets last year to put that location on the DXCC map.

They had planned to go to Mellish at the completion of the Willis expedition, and indeed were on their way, but they were forced to abandon their attempt due to very rough weather, a not too seaworthy a boat, and several not too seaworthy DX-ers.

John suffered a rather rough bout with pneumonia upon returning to Australia and was laid up for several

weeks in the hospital. Today he is hale and hearty again and apparently itching to be in the middle of those earth-shattering, ear-splitting pile-ups that expeditions to new countries create.

His plans call for about ten days on Mellish during the last week in May and the first week in June, this depending somewhat on how much financial support he receives from DX-ers throughout the world. The expedition will operate 24-hours a day, all bands, 80 thru 10, and both CW and SSB.

Among those who will accompany him are (tentatively) VK3ZT, VK4FJ, VK4XY, and VK4KS. K2IXP/6 is mentioned as a possibility, and so is the illustrious Ed DeYoung, KH6GLU, the founder and Chief Op of the Pacific DX Net.

"Gringo Trick" has happy ending for 14-year-old Rosa

GOD WAS INTERVENING

It now seemed to the missionary in Cucuta and the ham radio operator in North Carolina that everyone wanted to help bring the miracle to pass. To Stiles, it seemed that God was intervening.

On Nov. 17, Jim Stiles drove the Rolon family to the Cucuta airport. He warned Rosa that there would be new and perhaps frightening experiences.

In Miami, Rosa was met by Mr. and Mrs. Anderson, Daniel Rodrigues, pastor of Miami's Gethsemane Baptist Church, and the two Rodriguez daughters, Margut, 14 and Aselea, 12. Rosa visited in the Rodriguez home near the airport and when it was time to leave, all three girls cried. The sisters said they didn't know you could learn to love someone in such a short time. Rosa did not want to go. Hugging her, Mrs. Rodriguez declared, "You will find the same love in Durham because it is the Lord who makes us feel this way."

"Yes, I know," sobbed Rosa.

She spent her first night on the North American continent with Tim and Evelyn Heflin. Evelyn, a soft-spoken Guatemalan, reassured Rosa in her native Spanish. When the Heflins got up the next morning their guest had already made her bed. She showered without help and washed out a few clothes.

At 8:30 a.m., only 15 hours after arriving in Durham, she was being escorted into the vastness of Duke University Medical Center.

A member of Duke's amputee clinic team made the initial examination. He expressed concern at the shortness of the stump - 2 3/4 inches from the hip joint - but felt it was in good condition and that Rosa would not need surgery.

The next day Rosa received her temporary prosthesis, a strictly functional device called a pylon. It looked much like the leg of a life-size marionette. Rosa cried when she saw it - until a physical therapist who spoke Spanish explained its temporary role. During the eight weeks she was to wear it, her stump would shape up and shrink in the socket, in preparation for the permanent limb.

On meeting Rosa, Malbert Smith's immediate impression was that she needed some dental work, and he set about making arrangements. A dentist from his congregation volunteered, but so extensive was the

decay that an oral surgeon at Duke assumed the task. Discovering that many of her teeth were only shells, he pulled 10 of them.

Music filled Rosa with joy. The Rigsbees bought some Spanish records and she delighted in playing them. As the Christmas season approached, she sang the familiar carols and to American ears the unfamiliar language of Rosa's homeland was suddenly comprehensible.

BUYS FIRST PANTSUIT

Mrs. Rigsbee still reminisces over the day Rosa bought her first pantsuit. A principal desire of this girl who had been "different" for as long as she could remember, was to be able to pass unnoticed in a crowd. The pylon, in all its sturdiness, did not look like a real leg. And then Rosa tried on the pantsuit. When she caught a glimpse of herself, resplendent with new hip-to-floor solidarity - her face was transformed.

On January 13, Rosa received her permanent prosthesis. As closely as possible the skillful Duke team had matched the shape and coloring of her own leg. The physical therapists had completed Rosa's arduous training program and helped her realize as nearly as they could the goal of a normal gait with the least possible body motion and expenditure of energy.

Now it was almost time for Rosa to return home. She had her final dental appointment and she was to fly to Miami on Feb. 13. On the Wednesday before she left, the Grey Stone congregation staged a farewell-birthday party. She would be 15 on Feb. 28.

Rosa posed for pictures standing straight and tall; she flashed her new teeth, laughed - and cried. She didn't yet know her whole neighborhood would turn out to welcome her back to Cucuta, nor that 18 young people from her own church would give her a party.

CRIES FOR THREE DAYS

She cried for three days. On Saturday, Leonard Rigsbee, looking almost as forlorn as Rosa, walked his little "daughter" to her plane. Because it was raining she used her cane, but just three months earlier she had crossed the pavement in a wheel chair.

Loren Turnage, the missionary in whose home Rosa had stayed, met her in Bogota. She got off the plane smiling.

A photographer and reporter from El Tiempo, Bogota's leading newspaper, were there. Rosa posed for pictures and talked to the reporter "like a machine" as Turnage later remarked. She talked about the United States, her "family" there, the dental work, and the kindness people had shown her.

Three months earlier Turnage had noted her fear and withdrawal. When he had asked a question, she had simply answered "si" or "no." He had expected the physical change, but he was unprepared for Rosa's remarkable personality change.

"HI! HOW ARE YOU?"

A few hours after her interview in Bogota, she bounced off the plane in Cucuta, astonishing Stiles with her first words, "Hi! How are you?" in perfect English.

Stiles says now that even the neighborhood has changed. While Rosa's trip was in the planning stages, some of her neighbors had termed it a "gringo trick" pronouncing that the promises would never be kept. After she left they predicted she would not be allowed to return. Now that Rosa is back and walking, their attitude is beginning to change.

Grey Stone Church has changed too. Malbert Smith says his congregation has an awareness of missions and of people that it could never have developed without Rosa. "She has a deep sense of gratitude," he adds. "We were richly repaid - 10,000 times over."

Rosa's formal education has been brief, but now she wants to finish school and become a secretary. A private tutor coached her so she could re-enter school at the beginning of the semester. Two members of Grey Stone Church paid for the tutor, and they wish to underwrite whatever expense is involved in getting her through high school.

Rosa says someday she would like to study in the United States, and it may be possible; the Grey Stone Church in Durham has started an education fund for her.

Small wonder that Rosa Rolon tells her friends that everyone in the United States loves her.

(NOTE: The above story of human kindness, reprinted from "Biblical Recorder" was originally brought to the attention of Worldradio by Perry Williams, WIUED, Assistant Secretary for Membership Services, American Radio Relay League.)

Love, Concern Bring New Life for Colombian Girl

from
Biblical
Recorder

By June P. Carter

Rosa Rolon looked like any pretty 14-year-old hurrying to the store for her mother, except she had only one leg.

Still, she moved swiftly, for she had a crutch made of two broomsticks and 10 years' experience in using it.

Several times, the crutch had broken, but each time her father, Polo, who had made it, was able to wire, patch or nail it back together again.

There was no hint in the warm South American sunshine that this errand would be the beginning of a long journey, no hint that at the journey's end there would be a new leg for Rosa. She had no notion that her life was about to touch lives on two continents.

Suddenly, as she hobbled along, the much nailed wood of the crutch split, and Rosa fell sprawling. Retrieving the broken crutch, she struggled to regain her footing, hoping desperately that no one had seen her fall. She had learned through bitter experience the pain of humiliation.

A few nights later, James H. Stiles, Jr., missionary pastor of the little Baptist church in Cucuta, Colombia, sat down at his ham radio set and fiddled with the dials. He was thinking of Rosa. Sunday morning, while she and her family were in church, he had noticed her crutch had broken again, causing another fall.

Stiles switched on the set and spoke into the microphone. "CQ, CQ, CQ, ... This is HK2MU in Cucuta, Colombia, standing by."

CONTACT WITH DURHAM

In Durham, N.C., Tim Heflin, a member of the radio club at Duke University Medical Center, heard the unfamiliar voice in Colombia announcing its availability. "HK2MU, this is WB4BLK in Durham, N.C.," he responded.

Neither man had any notion that this, their initial conversation, would be of such consequence.

Heflin, who was involved in Project MED-AID (Medical Assistance for Isolated Doctors) at Duke, chatted with the missionary about how the project worked. He suggested that Stiles call on the group for help if he ever needed it.

Wondering if it would be possible to get a metal crutch for Rosa, Stiles told him about the girl.

"How about an artificial leg?" Heflin responded. "There's a foundation in California that might donate the limb, if you could get her to the States."

MANY OBSTACLES

Excitement gripped the missionary but both men were realistic. Transportation was only one of the obstacles they could foresee. The Baptist mission in Colombia had no money for such a project and Rosa's family was exceedingly poor.

Polo Rolon, once a bus driver, had been paralyzed in his legs for seven years. To earn a living, he and his wife, Ana, operated a small pastry business from their home. With the help of the children, she made cream-filled solteritas - "little old maids" - which were sold in the streets.

Their monthly income was roughly \$50, and besides their own three children they had taken in two others.

It was the family's poverty which, indirectly, had cost Rosa her leg. She was only four when a swelling in the limb, unattended, developed into gangrene. The doctor whom Senora Rolon had finally sought in desperation shook his head and pronounced that he would have to amputate.

On learning of Rosa's need, the Direct Relief Foundation in Santa Barbara agreed to furnish an artificial leg, but because of the distance Heflin began making contacts at Duke. Stiles went to work on transportation.

MAJOR OBSTACLES OVERCOME

The two major hurdles tumbled miraculously. Within days Heflin had found doctors and technical personnel at Duke willing to donate their time and skills to provide a leg for the girl in faraway Cucuta.

Meanwhile, Stiles talked with his friend Tulio Fuentes of Avianca airline. Stiles had once accommodated Avianca by translating for some English-speaking tourists. Later, he had voluntarily taught a crash course in English to the airline's office staff.

Still, he knew his chances were slim when he requested round trip passage for Rosa from Cucuta to

Miami. The airline, by policy, did not become involved in personal problems. Yet in a few days, there it was -- request granted!

Success-inspired, Stiles and Heflin hammered away at remaining details. Missionary colleagues agreed to meet Rosa in Bogota and accommodate her for the night.

There was a change of planes in Miami. A ham radio friend of Stiles, M.R. "Andy" Anderson, director of religious education for University Baptist Church in Coral Gables, Fla., offered to help.

Anderson found two Spanish-speaking pastors who agreed to be on call for Rosa's arrival. Next he called the president of the Coral Gables Lions Club, and the club readily agreed to provide Rosa's round trip fare between Miami and Durham.

Two hurdles remained: hospitalization and sponsorship. Doctors at Duke had no way of knowing the condition of the stump of Rosa's leg. She could be fitted as an outpatient, but if the stump required surgery first - a very real possibility - then she would have to be hospitalized. Heflin learned that room and board could not be furnished to any patient there without charges.

DURHAM PASTOR CONTACTED

Nor could Rosa get a tourist visa without a letter of sponsorship from a person in the United States. Heflin advised Stiles to get in touch with Malbert Smith, Jr., pastor of the Grey Stone Baptist Church in Durham, N.C.

Smith received Stiles' request on a Monday morning. Within the hour a notarized letter was off to Colombia. In it he agreed to take full financial responsibility for Rosa while she was in the States. "I did it on faith," he declared. "I knew the church would back me up."

The congregation agreed to assume responsibility for any hospital expenses and there were so many volunteer "parents" that Smith had to plead for a halt. He accepted the offer of Leonard and Mary Rigsbee, active church members who enjoyed working with young people.

Another member, an orthopedic surgeon, volunteered his professional services to meet needs which might arise apart from the medical center. Ladies volunteered to take Rosa shopping for whatever she might need: a high school Spanish teacher agreed to interpret.

Durham's Exchange Club, which sponsors a facility for training the handicapped, offered financial help.

The Rigsbees, who didn't know a word of Spanish, bought a dictionary.

FM West

WESTERN AMATEUR FM CONFERENCE
AND
California Amateur Relay Council Meeting



TENTATIVE PROGRAM Friday, June 2

4 PM Registration
6-7 PM Champagne party \$1.00 per person

Saturday, June 3

9 AM Registration
10 AM Commercial Exhibits open all day
10 AM Ladies coffee hour
10 AM Swap shop open to all registered participants
10 AM Technical talks and exhibits
1-5 PM CARC Meeting
2 PM Ladies Program
6:30 PM Attitude adjustment period
7 PM Banquet
Program- Speaker to be announced
Drawing of door prizes.
Individual repeater movies or talks.

Motel accommodations to be handled direct to Tropicana Lodge, 4061 N. Blackstone, Fresno, 93726; 209-222-5641. Be sure to specify you are attending FM WEST and include your call. Singles, \$14., Doubles and Twins, \$18.00. Reservations must be made by May 20. Reservations will not be held after 6 PM, without a deposit in advance. Repeater Associates is not responsible for motel accommodations or lost tickets. If you have problems or questions feel free to write. Talk in Friday and Saturday, WB6 HYL 146.34- 146.94, 52.525 simplex. The Associates 146.12- 147.71 51.725- 51.125 51.3 simplex.

ADVANCE REGISTRATION

FM WEST Western Amateur FM Conference and California Amateur Relay Council Meeting

Pre-registration deadline- May 26, 1972 (postmark) Tickets purchased later will be \$9.00.

Please reserve _____ Tickets for me at \$8.00 each.

Name _____ Call _____

Name of XYL or guest _____ Call _____

City and state _____ Zip _____

I will attend the champagne party Friday night YES NO

Mail to Repeater Associates
c/o Tom Hayward, WB6GVQ
3122 Swift Circle
Clovis, Ca. 93612

Checks or money orders should be payable to Repeater Associates. No confirmation will be sent. Tickets will be available at registration desk.

Worldradio

You homebrewed, trouble-shot, modified and tuned the rig. You experimented with all the antennas, and you finally have yours tuned as sharp as a gnat's toothpick. You can hear 50 dB below the noise. What's next?

Who was that person who gave you the 5 by 9 in Brazil with your new skyhook? Who was that fellow who gave you that "first VK9" or that fiftieth VU2? Was he a doctor? A missionary? A teacher?

Worldradio is a new amateur newspaper, DEVOID OF POLITICS, believing strongly that amateur radio is only partially reaching its potential to build bridges between people — around the world or just on the other side of the local repeater.

We're all interested in the technical aspects of our hobby, but WORLD RADIO is trying to complete the picture with insight into the people who are making our hobby the unique and fascinating international service which it is today.

ARRL BOARD OF DIRECTORS MEETING

By "Doc" Gmelin, W6ZRJ

1. Raise dues to \$7.50. Carried.
2. Start Board meetings on Thursdays instead of Fridays. Carried.
3. Petition FCC to open 50.0 to 50.1 MHz for General, Conditional and Technician CW as well as Advanced and Extra. Carried.
4. Headquarters to mail out a one page statement from candidates for Director and Vice-Director along with ballots. Failed.
5. Proposed that Planning Committee study the present structure of Board standing committees. Carried.
6. Proposed to establish mobile WAS and DXCC award. Failed.
7. Send QST to all elected League Officials by 1st class mail. Carried.
8. Put QST on newsstands. Failed.
9. Proposed to have Public Relations Committee study ways of adding 16 mm films such as "Ham's Wide World" to the League Film Library. Carried.
10. Merit Award to W2BOC/W1DEI for E layer propagation studies. Carried.
11. Recognition of many years service to ARRL by Ed Tilton. Carried.
12. Proposed study of possible changes in FCC rules to allow those 18 years or older to give amateur exams by mail. Carried.
13. Proposed to establish a special committee to study a possible Herbert Hoover, Jr., Memorial Station in the Western United States. Carried.
14. Proposed to study a possible change to ease requirements for mobile logs. Carried.
15. Membership and Publications Committee to study whether or not to refund the 50¢ club membership rebate to clubs in one lump sum at the end of the year instead of as a discount at time of payment. Carried.
16. Proposed that Headquarters study possible methods of making hard to get electronic parts mentioned in QST articles via purchase from ARRL Headquarters. Carried.
17. Petition FCC to change regulations to require D.C. power supplies on transmitters on all amateur bands. Carried.
18. Finance Committee to study ways of presenting a financial statement in QST in the form of a "pie chart" each year. Carried.
19. General Counsel to study closed and open Board meetings. Carried.
20. Establish an ad hoc committee of the Board to study short and long range goals for the League and study the duties of various officers of the League. Carried.
21. Motion thanking Rod Newkirk, W9BRD for his many years of service to the League. Carried.
22. Establish a special committee to study space communications. Carried.
23. Change Article 7 of By-Laws so that a vacancy is declared when a Director moves outside his Division. Carried.
24. Motion thanking Mr. Bourne for his many years of service in maintaining the ARRL museum. Carried (Note: Mr. Bourne passed away 18 days after the Board meeting)
25. Continue financial support of AMSAT. Carried.
26. Establish a distinctive ARRL pin for those on DXCC Honor Roll. Carried.
27. General Manager will review all films and filmstrips in the League A/V Library and attempt to bring up to date. Carried.
28. DXCC award for RTTY. Failed.
29. Make 25 and 50 year ARRL pin available to members for total number of years instead of continuous membership as at present. Carried.
30. Planning Committee to study dates for Board Meetings. Carried.
31. Establish a radio propagation column in QST. Failed.
32. Study possible changes in the "Amateurs Code". Carried.
33. Planning Committee to study possible locations for Board Meetings. Carried.
34. League to carry one line announcements of CQ WW and CQ DX contests. Carried.
35. General Counsel to study duties of League President. Carried.
36. Change By-Laws to appoint Board Members to fill committee vacancies when they occur. Failed.
37. VHF Repeater Advisory Committee will coordinate the establishment of local repeater coordinating committees. Carried.
38. Endorse the work of the Public Relations Consultant in working on programs to emphasize youth activities in amateur radio. Carried.
39. General Counsel and General Manager to study possibility of establishing VHF beacon stations. Carried.
40. Establish an ad hoc committee to study the membership numbers in the Atlantic and Hudson Divisions with a view of making necessary changes to balance membership. Carried.
41. General Counsel to petition FCC to give amateurs 60 years old who have 40 years of amateur experience, next higher class license. Carried.
42. Petition FCC to establish Technician I and Technician II class licenses, the first being for experimental and the second for operational work in amateur radio. Failed.
43. Establish special committee to study the possible establishment of a series of League Technical Symposia. Carried.
44. Pay \$100 prize in addition to cover plaque for best article in QST each month. Failed.
45. Hold July Board Meeting in Morro Bay. Moved to amend to hold in San Francisco. Both Failed.

For complete minutes, see March QST. Time and space do not permit a detailed report on these matters here, but I will be glad to answer questions and will be glad to appear before clubs interested in having more detailed information. Feel free to contact me if you have questions. May I suggest that club members do listen and copy my bulletins transmitted on Thursday evenings as follows: 7:30 PM PST on 3590 and 7129 kHz CW; 8:30 PM PST on 3815 kHz SSB; and 9 PM PST on 3615 kHz RTTY. I stand by on 3815 and later on 3910 kHz at the end of the SSB schedule for contacts. I will also make other on the air schedules on various bands and modes when requested. Vy 73

J.A. "Doc" Gmelin, W6ZRJ
Director, Pacific Division

"QSL
VIA
DOTM"

The quote in the headline is being uttered by a good many DX stations these days. The QSL manager service of Stu Meyer, W2GHK, and his busy assistants is going full blast bringing pasteboards of cheer to the DXers. Follows some of stations whose card can be obtained through DOTM.

8

World Radio History

6D1AA, VK9JK, VS6DR, VK9XK, 3F1IE, CN8HD, CR5SP, CX2CO, DJØVB, LA1H, FM7WQ, HKØAI, JW1EE, OY7ML, PJ7VL, PY2PA, VE8RCS, VK3BM, VK3CIF, VK9XI, VK9XX, VP7NY, VP8JV, VP9GR, VS6DO, XE1IIJ, 9Y4VT, travelers W4EXI/# and W9OIJ/# last but not least W2GHK/VP9. For cards and more info on the program -SASE to: DOTM, Box 7388, Newark, NJ 07107



Stu Meyer, W2GHK

DX Conference Pix



The conference was graced with the appearance of one of Japan's top, and most popular DXers, Kiyoshi Mizoguchi, JA1BK, of Tokyo.

He showed color motion pictures of operation during a worldwide DX contest in which over 2,000 contacts were made from XU1AA in 17 hours.

The film also showed sandbagged entrances to hotels in Cambodia and street scenes and temples in Saigon and Bangkok. Also featured in the film was "Big John" Van Lear, VE7IR.

Kiyoshi pointed out a cubical quad on top of the French embassy as being the only quad in all of Cambodia.



Iris Colvin, W6DOD, accepts plaque - NCDXC One Million Point Club. (1st XYL to do so) She says all QSLs went out via World QSL Bureau.



Glenn Rattmann, W6MAR, (Five band DXCC #1374 very active in contests) accepts SCDXC "DXer of the Year" from SCDXC President Dick Norton, W6DGH.



(above) Ken Anderson, K6CQF, being awarded the NCDXC One Million Point Club plaque for his score in the 1970 CQ DX Test. (left) Ken Spalteholz, WA6IQM, awarded plaque for having the top score among NCDXC members in the 1971 ARRL DX Test.



(left) Jim Neiger, W6BHY, of ZD8Z fame and other exotic spots. (below, center) Jim Maxwell, W6CUF, Neiger's busy-fingered QSL manager. (right) John Minke, W6KYA, Sacramento Valley SCM, whose basement shack is well insulated with many shoe boxes filled with DX QSL cards.



Julius Wenglare, (left), TA3AA, VP9BM, FK8OSL, SV6AA, SV7AA, AR8AR, YI4LIU, YV0AB, now resting as W6YO, swears to his dinner partner on a stack of Handbooks that his potent signal is not the result of using his employer's (VOA) antennas. Bob Smith, W6GRV, (right) says, "I've heard that before". Julius was the first "W" with but 100 watts to work 100 countries - 1935.



Happiness is being awarded a Signal/One CX7A. Dave Hollander, WB6NRK, responded like this immediately after hearing his name called. Dave's father, Jack, WB6UDC, was also pleased. CX7A was courtesy of Signal/One Corp. 7

MARTIN LAINE, OH2BH-3COAN

Martin Laine, OH2BH, started his talk by publicly thanking Frank Ceuvas, W6AOA, for being his host while he was here and said he was very happy to be able to give those at the Conference an armchair trip to Africa.

With color slides he told of traveling 5,000 miles from his home country to "experience something exciting - the pile-up of the century and to bring happiness to your shack."

Following in the footsteps of Gus, Don and many others, it cost \$5,200 to get to Annobon. Located in the South Atlantic Ocean, it is part of Equatorial Guinea, at approximately one degree south of the equator and six degrees east.

The country was granted independence from Spain in 1968 and Martin outlined the procedures necessary to obtain permission to operate from Annobon. The first application was made one full year ahead of time. There were lengthy negotiations as their agents in Spain visited various officials up to three times a week. Many letters and telegrams were sent and help was also received from the Finnish Embassy in Madrid. As Martin put it "some officials start trembling at the mention of radio."

Spanish amateurs Jorge Canagas, EA4LH, and Canagas Herrero, EA4JL, added their assistance and eventually a tourist license was granted to Equatorial Guinea.

Once a week an Iberia Airlines plane flies to Equatorial Guinea. It was a 150 passenger capacity DC-8 carrying eight persons. The flight is carried on as a gesture of good relations between Spain and its former colony. Martin-"I never travelled on such an empty plane."

"While our visas were ok, I knew there would be trouble because of the 350 pounds of radio gear. We (the other operator on the trip was Ville Hiilesmaa, OH2MM) were the first hams in that humid country of a different culture and race. We had to fill out five different blanks, there was a language barrier and then all our papers were taken away. We tried to explain that our papers were important but were told they had been taken to the President for inspection. Then we knew fear and would have been happy to go home."

"We went to the only hotel in operation in Santa Isabel (on the island of Fernando Poo) and were absolutely exhausted. We had a beautiful view as we wondered how we would make

the 600 mile voyage to Annobon.

"But the next day the papers were not returned as promised. We visited the American Embassy and the charge d'affaires was not encouraging. He advised us to leave the country before it was too late. We walked the streets in deep melancholy. Then suddenly a military jeep stopped in front of us, we were told to get in and we were taken to meet the President. It eventually took nine visits to the palace to get the radio license, 3CØAN.

"We then found that the chance to get a boat was next to non-existent. There are few fishing boats and they have to work very hard. We also found the linear amplifier had been damaged and all we had was the 180 watt input Drake exciter. While trying to find a way to Annobon we got on the air and made over 8,000 contacts. The other guests didn't get any sleep, we're afraid, as the generator was in the corner of the room.

"Finally we found a boat, the captain said it would take three days to get there, we could spend three days there and three days coming back. The price asked was - \$8,000 !!

"We got him down to a final price of \$2,200, but then he received a "high level message" that was a warning not to sail with us as fishing was more necessary. It was a harbor of many dissappointments.

"We wrote letters to Finland which had to be taken to the post office unsealed and all telegrams were read at the police station. We bought a few African souvenirs as we felt we would be going back to Europe soon.

"We were then surprised to see an airplane! Talking to the pilots we found that they could be at our disposal for a week for \$1,900. But we could not get permission to fly to Annobon as there was no airfield there. Appeals were met with negative answers. Then we decided to fly to Libreville in Gabon. Libreville is a French style city, but with American prices!

"Then it was off to Annobon in a single engine plane. Nearly 300 miles over water, our navigation instruments were a compass, a map and a pencil. We and our African pilots were going on the strength of a rumor of an unused airstrip. We thought of our dear ones in Finland.

"When we landed it seemed like all 1,400 inhabitants of the island gathered around the plane. We were the first visitors there since indep-

ence two years ago. The children stared and the adults touched the plane. We asked permission to take pictures but were told to wait until tomorrow so the people could have a chance to put on their best clothes.

"We knew one of the biggest pile-ups in Amateur Radio was waiting for us. The villagers wanted to carry the equipment. We were taken to the highest place in the village and our quarters featured snow white sheets, kitchen, shower, no trees and a huge mountain facing the Pacific.

"The island has a generator for the street lights but their fuel was low. 73 to McCullough, their generator started with the first pull.

"It was the pile-up of the century! 14,200 to 14,300 was filled to the brim with American stations calling us. Then we heard complaints that the entire American phone band was filled up with our call.

"We operated 24 hours a day - this is what we had come for. There was no end to the stations rolling in. The last day we had even run out of canned food, but what does a lack of food mean to a ham when he can work DX?

"In four days we made 16,000 QSOs!"

Martin's slides at the DX Conference showed the street scenes and the church and the priest. He told that the people do not drink for there are no ships coming to the island to bring in any liquor. He mentioned that the water tastes like salt water and that they had taken their own drinking water with them. There is a customs office on the island but it is closed for no goods are ever brought in to be cleared. But Martin ventured that the natives may be happier as the community seems to be satisfied and they have no desire to leave their "paradise island."

When the DXpedition was over they left as gifts, clothes, sunglasses and their watches. "We hope to see the beautiful beaches again but we know it is a dream that will not come true." The people of the island had cleared the 1,800 ft. jungle over-run airstrip for the plane to have an easier time of it than before.

The return to Finland saw Martin and Ville spend several days in the hospital suffering from malaria, running 108 degree fevers for four days.

(for a more detailed account of the Annobon DXpedition, see CQ magazine, January 1972, page 12)

Larry Pace, K2IXP



Larry Pace, K2IXP, showed color slides of a two and a half year round-the-world tour taken by his wife and him.

In a fast Pace-d program slides were shown of Algeria, Tunisia, Greece, Israel, Lebanon, Jordan, Syria, and then into Pakistan where they were caught in a riot and all the windows smashed in their VW bus. With a stoic attitude, Larry commented, "I don't think they were anti-American, they just didn't like blue Volkswagens."

The show continued with slides of Russia. Street scenes in Moscow, The Kremlin, Lenin's Tomb, and Red Square were presented to the breakfast crowd. Scenes in Morocco, camels in front of modern apartment buildings, temples in Thailand, the floating market place in Bangkok, blood rites, animal sacrifice, the streets of India and a visit with Father Moran, 9N1MM, (whom Larry called one of the finest people he had ever met) and the palace of AC3PT were highlights of the show.

Larry operated as VK9NP on Norfolk Island making 13,000 QSOs in a one-month period. Pictures of operating, the rain forest in Queensland and the Willis Island DXpedition were also shown.

Willis is 1,000 yards long and 300 yards wide. There are three people on the island (for six-month tours) manning an Australian meteorological station.

Pace and his crew spent four-and-a-half days on the island making 8,500 contacts. The program ended with pictures and a description of the extreme weather conditions encountered which made the return trip most hazardous and but narrowly escaping silent key status.



Darleen Souligny, WA6FSC

Darleen Souligny, WA6FSC, now in South America, told of her recent 40,000 mile trip around the world.

Her color slide presentation was on the 11 days she spent in Jordan. She told of being met at the Amman airport by the Chief of Protocol who took her to the guest palace.

That evening at 7 p.m. there was a knock at her door. She opened it and was kissed on the hand by King Hussein, JY1. They visited over Arabic tea and lime juice. JY1 had the driver sit in the back of the car and he drove Darleen to the palace so she could operate the ham station.

A few days later, when some other guests had left, Darleen was moved to the palace so she wouldn't have to travel so far to get to the rig.

Regarding operating, Darleen posed the question "How would you like to call CQ with a call like JY1?" She told of operating one night when she answered a CQ from a W2 and it wasn't necessary to call CQ the rest of the night.

She showed the audience slides of Jordan including ruins dating back to the days of the Roman Empire and some of the Jordanian mosaic art work.

Quite often she had dinner with the royal family and described Jordanian food as being similar to Greek or Armenian food. She said they eat dinner at 10:30 p.m. which is a little later than she is accustomed to.

She said that King Hussein is a wonderful host and the most gracious person she has ever met. Darleen said the family is very warm and down to earth.

Darleen showed slides of King Hussein playing in a cricket match. She commented, "Jordan is a very democratic country, the king's team lost."

John Griggs, W6KW

ARRL Southwestern Division Director John Griggs, W6KW, brought news of the ARRL Board of Directors meeting which concluded, in Hartford, Conn., the day before his appearance at the Saturday night banquet.

Griggs told that Harry Dannals, W2TUK, had been elected President of the ARRL and that news was met with enthusiastic applause. He also stated that Charles Compton, WØBUO, had been elected as First Vice-President and that retiring President Robert Denniston, WØDX, was elected as 2nd Vice-President for International Affairs. Griggs mentioned in passing that he had been elected to the Executive Committee of the ARRL and a round of cheers went up.

The Director said that the ARRL Public Relations Committee is working on another film and they are looking for motion picture footage showing Amateur Radio operators assisting in floods, hurricanes and other emergency situations.

The San Luis Obispo resident said that the League is working on a Herbert Hoover, Jr., (W6ZH-former ARRL President) memorial station on the west coast. Assigned to that project are Pacific Division Director Jean "Doc" Gmelin, W6ZRJ, and Northwestern Division Director Robert Thurston, W7PGY.

Griggs said the League adopted short and long range concepts of planning and that First Vice-President Charles Compton, WØBUO, and Dakota Division Director Larry Shima, WØPAN, had been named to an ad hoc planning committee. Griggs said while the League has been accused of reacting instead of acting, the organization does have long range goals. He mentioned the possibility of new amateur frequencies and a ham band every three-and-one-half MHz. He called for the amateurs to lay down a program and go after it with an aggressive team at the next ITU conference.

Griggs mentioned that he expected that we would have seven or eight band DXCC to work for and we will need "lots of antenna space". He concluded with an item of interest to the DX gathering that the Board had authorized (to be purchased by the recipient) a lapel pin signifying "Honor Roll" status in the DXCC member listings.

Fresno DX Conference

by Armond Noble, WB6AUH

DX Forum



The DX Forum, conducted by Gary Stilwell, W6NJU, proved that CW buffs can, when the occasion demands, become quite vocal and hit high peaks of modulation.

The DX convention took on the appearance of a political convention in that proposals and counter-proposals were offered with a real exchange of ideas and thoughts.

There is nothing quite so dear to the heart of a DX chaser as the thought of a new country. New, and old, countries were the subject.

The controversy centered around what makes up a "country" and should some present DXCC "countries" be deleted (but those having worked it still retaining credit). The battle lines seemed to be drawn between the "Rock and Reefers" and those who want a more geographical socio-political reality and actuality applied to "countries".

One school wants country credit applied only to an area which a recognized government claims and administers. Some said to be a "country" the area must be under the jurisdiction of another country which is recognized. That resulted in a semantic discussion as to what constitutes "administers". Some areas are claimed but there isn't much governing. The status of Spratly, which is claimed by several governments was brought up, as well as places that have multiple administrations, and so on.

Some of the remarks voiced when delegates were recognized and given the floor were: "This appears to be between those that have versus those that don't have." - "We worked all day and all night to get some of those places and to take them away would be a kick in the pants." - "It's fun to chase these things." - "Let's make it, if inhabited, it is a country. If not inhabited, it's not a country." - "Some of these places are helluva things to call a country." - "This way we have fun, something to strive for." - Country is a misnomer, call it location." - "If we don't have any new countries to work what would you do?" - "Rocks and reefs under water should be annulled." - "Count rocks and reefs." - "Don't count rocks and reefs." - "Continue to recognize rocks and reefs." - "Don't count rocks and reefs at all" (atoll?) - "Completely do away with then, not count, eliminate from DXCC." - "Don't cut anything off." - "If a place is no longer accessible it should not be on the list, you would have a terrible time finding Minerva reef." - "Let's be realistic, the place should be able to be operated on again, if it can't be found it should not be on the list." - And the wags had their turn with: "Let's have a new award, WARR, Worked All Rocks and Reefs." and "Let's start all over again with rocks and reefs on SSTV."

The forum was conducted by Gary Stilwell, W6NJU, who commented at the opening of the forum that when people come over to his home and he tells them he has worked over 300 countries (and the people know there are not that many in the world) and he explains that Alaska and Hawaii are countries they say "we knew you were a nut when we came to visit."

After everyone had their say, Gary tallied the votes and submitted the following report to the ARRL DX Advisory Committee.

VOTING

1. Rocks and Reefs
 - a. Annul (18)
 - b. Delete (2)
 - c. No Opinion (2)

2. Rocks and Reefs (future credits) count only Administered areas
 - a. Yes (63)
 - b. No (23)

4. c. No opinion (8)

3. Mileage to Move and Maintain DXCC Credit
 - a. Anywhere in country (12)
 - b. Anywhere in call area (23)
 - c. 1,000 miles (11)
 - d. No opinion (0)
 - e. Leave as is (58)

4. Combine DXCC to one Award ala 5-band DXCC.
 - a. Yes (41)
 - b. No (56)
 - c. No opinion (3)

5. Eliminate Phone DXCC and have only one award to cover all modes.
 - a. Yes (12)
 - b. No (67)

6. Remove all unadministered rocks and reefs either by deletion or annulment from country status.
 - a. Yes (8)
 - b. No (75)

The questions of Rocks and Reefs was a cloudy issue as many viewpoints exist and it became difficult to explain the intent or content of the questions and what votes meant.

Annul could mean different things to many people. To try to get a little clearer picture I asked the question: Recognize Rocks and Reefs as currently done.

- a. Yes (45)
- b. No (9)

I cannot account nor understand the non-voting response to question #1 except that the arguments were fierce and maybe they were tired of the subject when vote time came.

(Note: This is but an excerpt from the full Stilwell report to the Committee.)



DX Conference General Chairman
Frank Cuevas, W6AOA

notices

ARRL

Official Bulletin #358 Jan. 22, 1972

The Board of Directors of the American Radio Relay League at its annual meeting in Hartford, CT, January 20 and 21 revised ARRL administrative structure to meet more effectively the challenges Amateur Radio will face in the coming decade.

After expressing the view that dual responsibilities of ARRL and IARU presidencies have grown beyond the capabilities of one man, Robert W. Denniston, WØDX, declined to be a candidate for re-election as ARRL president.

The Board chose Harry J. Dannals, W2TUK, as the new ARRL president, reelected Charles G. Compton, WØBUO, as first vice president, and named Denniston and Roemer O. Best, W5QKF, as additional vice presidents.

President-elect Dannals proposed and the board unanimously voted, to seek approval from IARU societies of Robert W. Denniston, WØDX, to serve as President of the International Amateur Radio Union.

John R. Griggs, W6KW, was newly elected to the executive committee.

To cover rising costs of operation and to meet future needs, effective July 1, 1972, annual dues were raised to \$7.50 in the U.S., \$8.50 in Canada, and will be \$9.00 elsewhere.

The setting of goals and objectives in long-range planning was assigned to a special ad hoc committee, with recommendations to be submitted at the July meeting.

Another special group will promote and implement the growth of the new amateur satellite service.

The VHF repeater advisory committee is requested to recommend a structure of regional frequency coordination committees to facilitate repeater operation.

The board examined long range plans for protection of present amateur frequencies and a program for attempting assignment of additional bands at any future high frequency allocations conference.

Studies to be made by committees or others include the problem of parts procurement for constructors, establishment of VHF beacon sta-

tions, sponsorship of technical symposia, and a Herbert Hoover, Jr., memorial amateur station in the West.

Requests will be made of FCC for rules changes to permit Technicians and higher to use 50.0 to 50.1 MHz, to relax logging requirements, to require filtered DC power supplies on frequencies above 144 MHz as well as below, and to grandfather from Advanced to Extra those with 40 years amateur experience and who have reached 60 years of age.

The ARRL Technical Merit Award went to Mel Wilson, W2BOC/W1DEI.

The Board expressed its deep appreciation for dedicated service of elected and appointed ARRL volunteer officials, and its thanks to FCC and DOT for cooperation in amateur regulatory matters the past year.

Proposals which failed of adoption included separate mobile and RTTY DXCC and WAS awards, cash award for QST articles, putting QST on newsstands, and rotation of Board meetings on a fixed schedule around the continent. Minutes of the meeting will appear in March QST.

Colonel D. W. "Win" Titus, K6ART, is trying to locate an old friend, Carlos Cordovez, HC1FG. For years Carlos, of Quito, represented his country on all

international communication conferences, commercial as well as ham. When last heard of he had come to the U.S. for a serious operation. Any help?

The third annual Northwest Missouri Hamfest will be held at Claycomo, Missouri on Sunday, May 7, 1972, from 9:30 A.M. till 4:30 P.M. The location will be in the U.A.W. hall across from the Claycomo Ford Plant on U.S. Highway 69 Alternate.

This event draws an attendance of 300 or more of the most active amateur radio operators from the states of Kansas, Nebraska, Iowa and Missouri.

Also, The P.H.D. Amateur Radio Association proposes to publish a Directory of Amateur Radio Clubs and their members in the Kansas City area (100 mile radius). The directory, to be published in mid-March will list call, name, address, zip, and phone number of all members in good standing in every open membership radio club in the Kansas City area. In addition, each club will be allowed space for a brief description of club activities such as nets, dates, times, places of meetings, hamfests, officers and other information. Photos of club officers or a group shot of the club may be included.

Copies of the directory will be available directly from PHDARA for 35 cents each postpaid. Listed clubs may purchase copies of the directory in lots of ten or more for 20 cents each. This will allow the club to sell the directories to their members for 35 cents adding a little extra to their kitty. Write to the P.H.D. Amateur Radio Association at P.O. Box 11, Liberty, Missouri 64068

NEW REPEATER-Mobiling between DC and NYC has become more enjoyable. Month-old W3GUW RPT operates 13/73. Traveling north, pick up W3GUW when Baltimore fades out. By the time Wilmington fades out, you're just in time for W4ZUWC, Greenbrook (34/94), to carry you thru to the City. Not bad. (de Auto-Call)

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Worldradio has a Swan 270 Cygnet (220 v.) transceiver, in carrying case, available for loan to medical personnel, relief agency staff, etc., going overseas on the short-term volunteer tours.

Subscriptions and advertisements, most essential to the support of this project, will be very thankfully received.

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What's Happening

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