

Worldradio

27
Dec.
1971

international friendship-local public service



Rancho Sordo Mudo

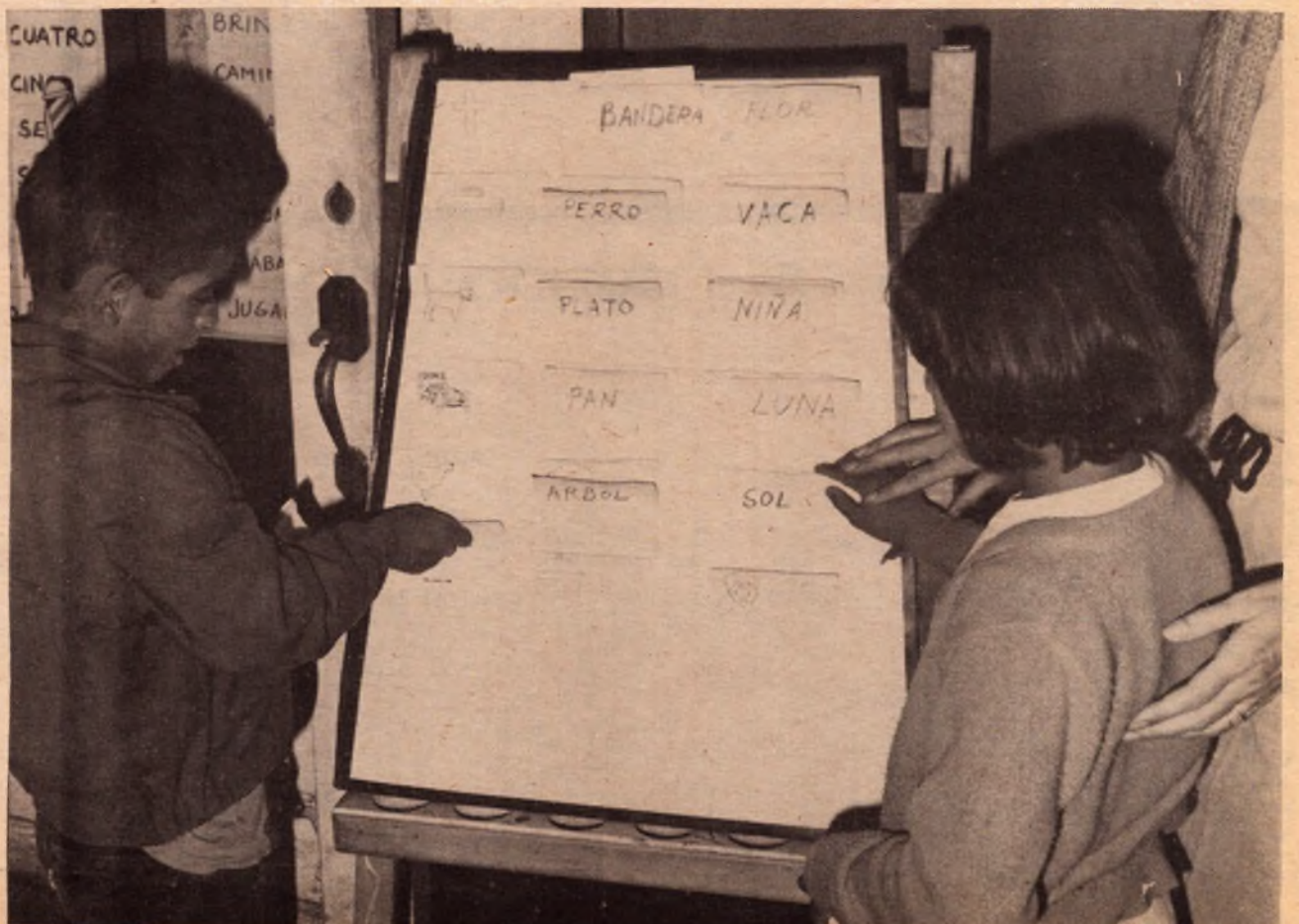
Ranch for Deaf Mutes

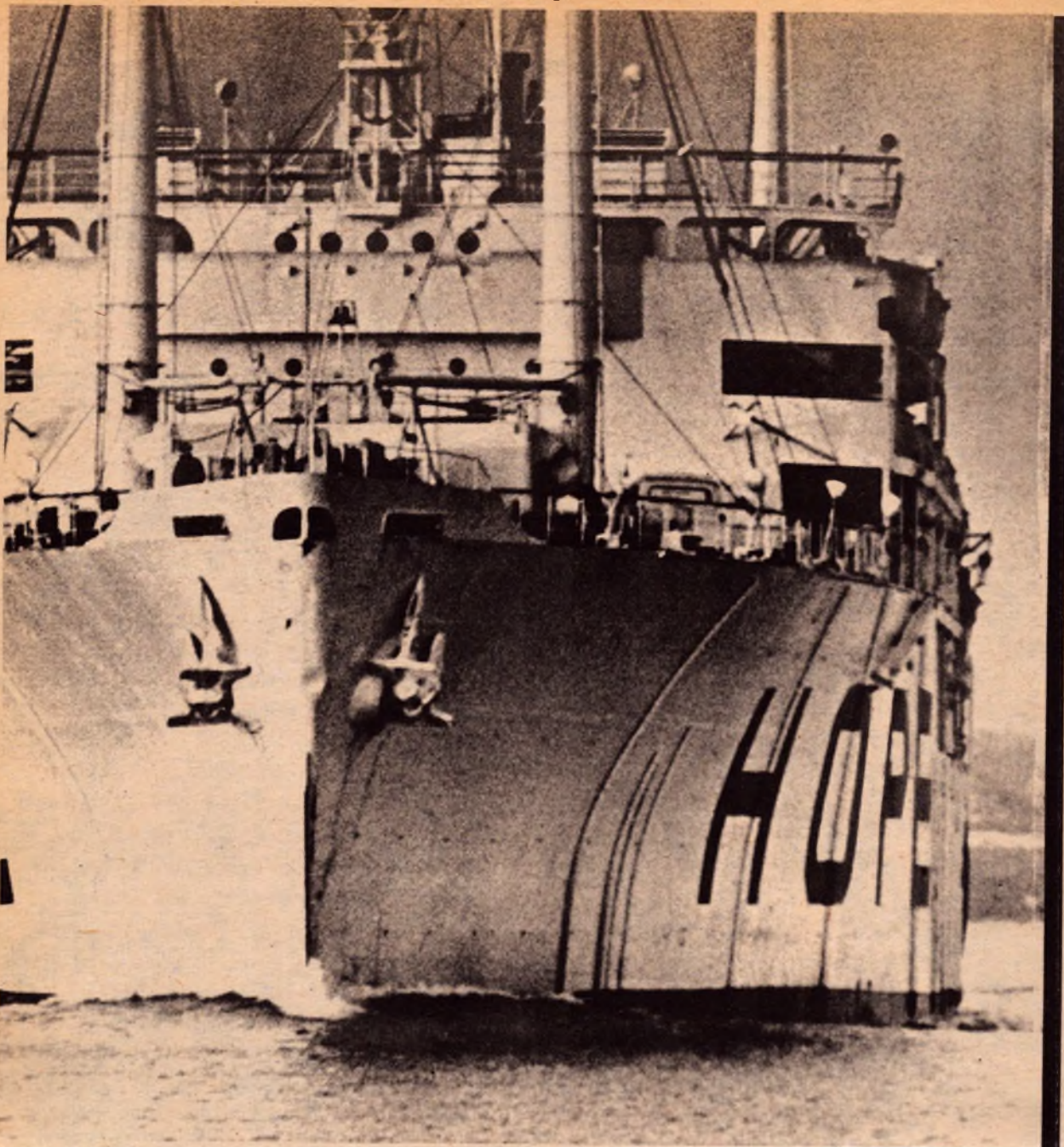
Stan Kellogg, W6KPR

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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Worldradio

an international newspaper
Vol. 1, No. 9 27 Dec. 1971

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Worldradio is two-way communications. Send in amateur radio news and information. Share your knowledge and experiences with your fellow amateur and Worldradio reader. Photographs will be cared for properly and returned. We are most interested in your comments, and suggestions.

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

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

What's happening

contents	Ed Everett, XE2YX	1	DX Newsreel	14
	Notices	3	Nu Sigma Alpha	16
	Retired Hams Net	4	Darleen Souigny, WA6FSC	18
	Jukka Heikinheimo, OH2BR	6	World at their fingertips	20
	Rare QSLs	8	Ham Hospitality	22
	YL-ISSB'ers	10	IMRA	24
	Yellowstone Park	11	California DX Conference	26
	Hams help Mexican youngsters	11	Classified Ads	27

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 17, 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-2LRS), 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 rate 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
Jesse 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
Currin 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.

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

Guenter 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.



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 men 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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50th ANNIVERSARY MARKS NEW APPROACH IN PUBLICATION OF THE CALLBOOK!

* * * * *

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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U.S. CALLBOOK (Winter Issue)	\$ 8.95 & 25¢ mailing
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TOTAL COST	<u>\$15.00</u>
Foreign CALLBOOK (Winter Issue)	\$ 6.95 & 25¢ mailing
Subscription to Service Editions (Spring, Summer, and Fall)	\$ 4.50
TOTAL COST	<u>\$11.70</u>

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.

YOU CAN ALWAYS LOOK TO THE CALLBOOK FOR NEW AND BETTER SERVICE!!!

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.

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 Finnlines 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 "Worldradio". 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 Elfving 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 0 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 reciprocal 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, W4KVX, 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 licensed 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 permanent 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 continent, 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 conventions upon their return to the States.



DL5HU/W6ECS



DA1BO - Adda

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- DX BRINGS DANGER at \$2.45 plus 25¢ postage and handling.
- ALL THREE BOOKS for only \$7.00 postpaid.

My Name

My Address

City State Zip

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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 rag-chews 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)

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)



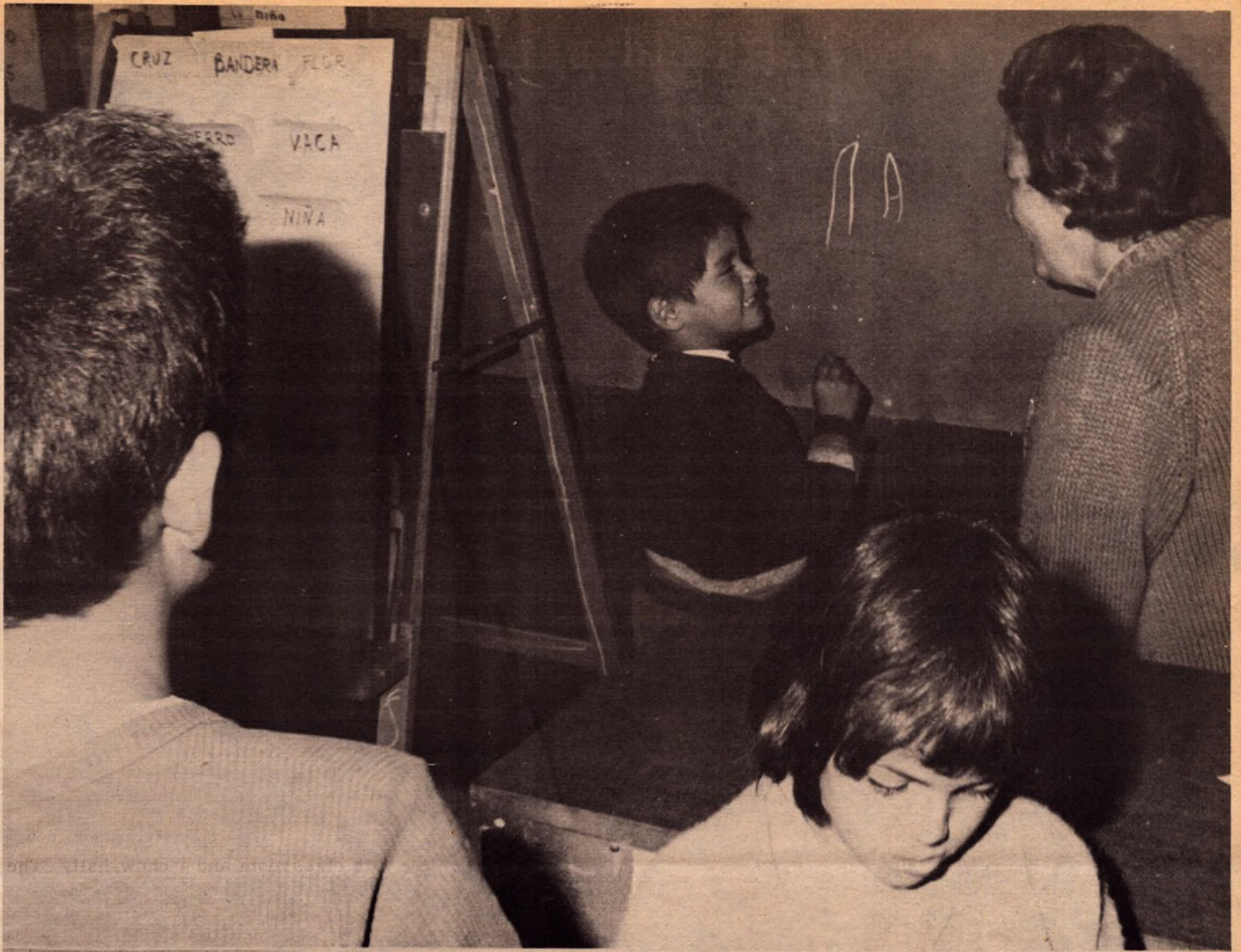
Starting their third year of the effort the Everetts have battled against many obstacles including their home burning to the ground destroying all their possessions. Even attempting to go to Mexico in the first place proved difficult. Organizing their own mission board became necessary as the conventional mission boards considered them both to 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.

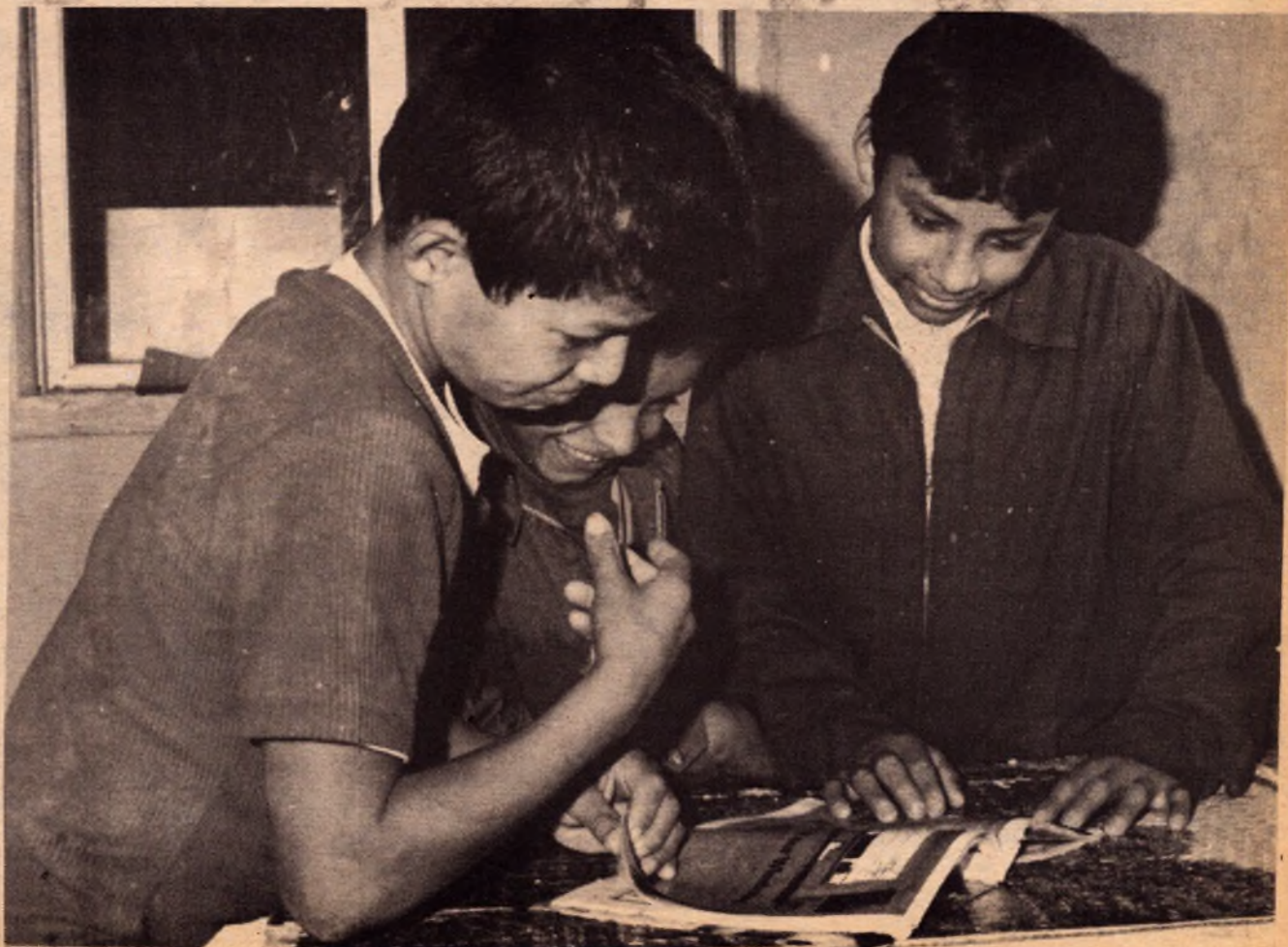




It was such a group of young people whose efforts resulted in Ed having amateur radio equipment. College students attending Reseda Baptist Church (Calif.) were told of the need for communications at the ranch as it is 26 miles from a telephone or fire department. Guided by Lou Seeberger, WA6HQT, the 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 Stabusch, DL8OA



Willi Pete



Mavis and Ivor Stafford, VK3KS-VK3XB



Carla and Jerry Holmes, EP2JH



Ed Margaritella, OE1MEW



Bob Snyder, LAØAD

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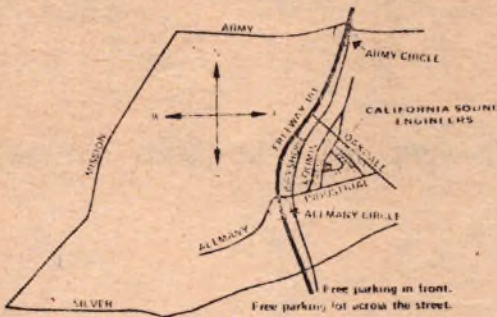
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The Commonwealth of Massachusetts

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

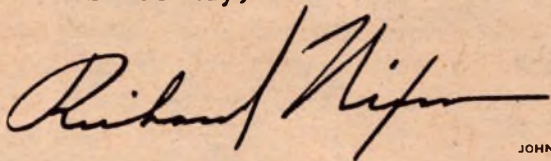
December 2, 1971

NU SIGMA ALPHA

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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Post Office Box 310
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United States Senate
COMMITTEE ON BANKING, HOUSING AND URBAN AFFAIRS
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October 18, 1971

INTERNATIONAL

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

Dear Mr. Morse:

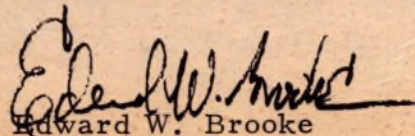
You and the members of Nu Sigma Alpha are to be highly commended for the humanitarian service which you have provided countless citizens all over the world.

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

AMATEUR

RADIO

FRATERNITY

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 percent 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, I1IPA, 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.



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, SM0ACF, 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, LA0AF, 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, SVIDA, 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 VanNstrand, 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)

■ People Helping People

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 8YX. 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.

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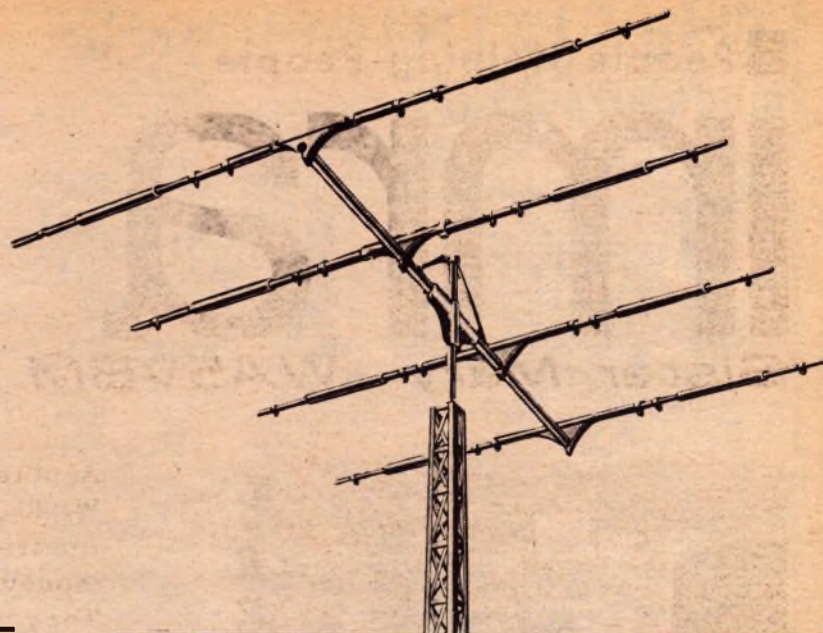
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4 ELEMENT MODEL TB-4H

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**

HIGH PERFORMANCE TRAP VERTICAL

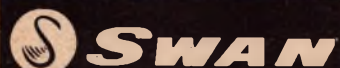
For 10, 15, 20, 40 meters with optional 75 meters add-on-kit.

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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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.

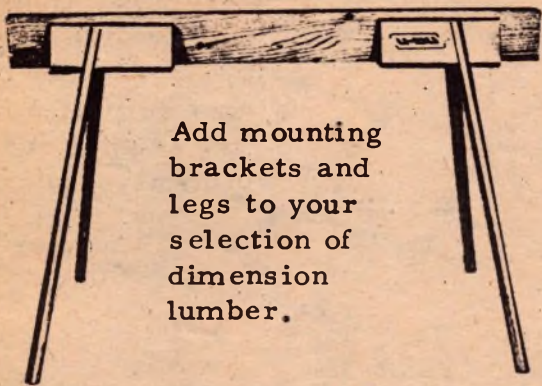
SWAN TRIBAND BEAMS SPECIFICATIONS:

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

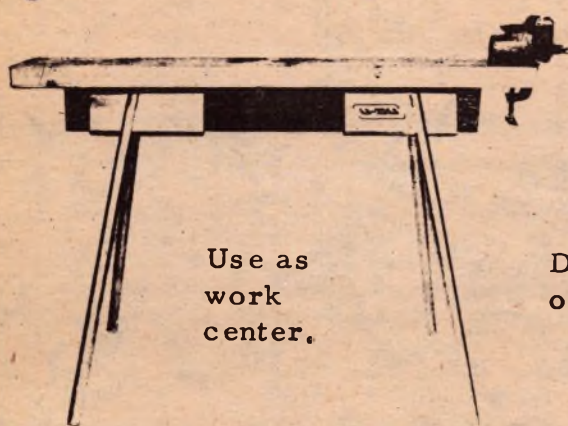
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DOUBLEDAY

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

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Worldradio

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

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



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