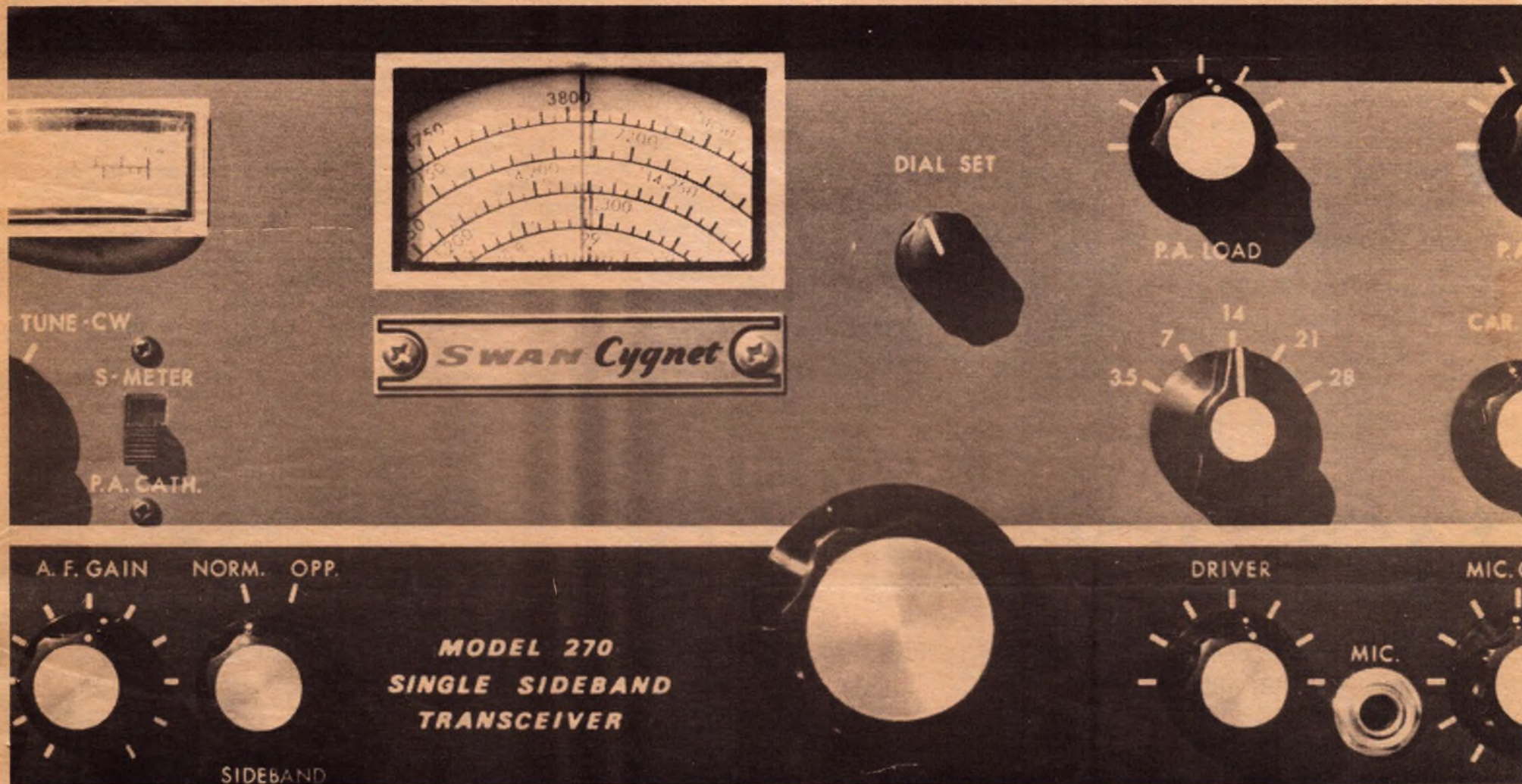


# Worldradio

THE INTERNATIONAL COMMUNICATIONS REPORT

Vol. 1 No. 3

9 August 1971



Non-Profit, Non-Partisan, Non-Sectarian

Coronado Building, Suite L  
17461 West Irvine Boulevard  
Tustin, California 92680

(714) 838-5630

AMDOC, a non-profit, non-sectarian, non-religious organization founded in 1962 by Paul Williams, M.D., has placed over seven hundred and fifty medical and paramedical volunteers in positions around the world.

The new international headquarters of AMDOC is 17461 West Irvine Boulevard, Tustin, California, 92680. Inquiries from all hams and especially those hams with medical experience will surely be appreciated.

Nurse urgently needed for three to six months in a small rural clinic in Mexico. Some teaching of nurses is involved.

Medical technician needed to train local people for 6 months to 1 year in Kenya. Equipped laboratory needs someone to organize it.

French-speaking bacteriologist needed in the Congo for three to six months. Small hospital needs someone to set up department.

Pediatricians needed in Africa, Ghana, Swaziland, Cameroon, Ethiopia, Nigeria and the Congo. Service needed for 1 month to 2 years.

An internist interested in teaching is needed in a medical school in Bolivia. This would be for one month and possibly longer.

Family physician needed for medical center in Alaska for one to three months. Room and board is provided.

Dentist urgently needed in rural clinic in Central America for one month or longer. Various out-lying clinics to be served also.

Urgent need for family physicians in Kenya for one to six months. Room and board is provided.

Family physician needed in Caribbean hospital for three months. Room and Board is provided.

An ophthalmologist is needed in Canada for 2 years. Travel expenses would be paid by hospital.

An orthopedist is needed for one month or more in India. Room and board is provided.

# The Worldradio Foundation

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

## AIRMEN'S MEMORIAL SCHOOL

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

## S.S. HOPE

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

## AMIGOS DE LAS AMERICAS

Working in Guatamala, Honduras, Nicaragua and Columbia, 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.

## MEDICINES

From time to time amateur radio operators receive an urgent appeal for medicines from remote locations. Often these devoted operators purchase the drugs and arrange for the air transportation. This fund will help reimburse them for their outlays upon their request - or when it is brought to our attention.

## RESERVE

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

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

I believe in the family of mankind..... Mark Twain

# participants

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

Walter Thain, C.T.-M.T., WB4KKB, Miami, Florida  
Rose Ann Barbarite, W3FUS, Randallstown, Maryland  
Dr. Charles Meistroff, W4TFA-K4KMN, Richmond, Va.  
Fr. Aidan Schaefer, W8BPQ, Escanaba, Michigan  
Eddy Pollock, W6KHS, Capitola, California  
Dr. Sheldon Finkel, WB4LHH, Montgomery, Alabama  
Phillip Sager, WB4FDT, Arlington, Virginia  
Dr. Edward Hicks, WB4DAL, Knoxville, Tennessee  
Carl Sletten, W1YLV, Acton, Massachusetts  
Dr. Stephen Gumpert, WB2RVU, New York, N.Y.  
Byron Sharpe, W9BE, Glencoe, Illinois  
Dr. Bradford Bennet, K4MR, Manassas, Virginia  
William Cunniff, KØVWV, Minneapolis, Minnesota  
H.R. "Duke" Ellington, W6OZD, Inglewood, Calif.  
Dr. Ralph Jensen, W6LVC, Carmichael, California  
Maurice Piroumian, WA6OPB, La Crescenta, Calif.  
James Gagliolo, WB4IME, St. Petersburg, Florida  
Rev. John Stitz, KØVZJ, Lansing, Kansas  
Danville Webber, W1PCD, Bangor, Maine  
Violet Barrett, W6CBA, Whittier, California  
Pvt. John Austin, WB8AME/6, Presidio of Monterey, Ca.  
John Sisson, Jr., W5ONL, Richardson, Texas  
Joe Veliz, K6IH, Pleasant Hill, California  
Robert Knapp, W4OMW, Greenville, North Carolina  
Joseph Pringle, Jr., WB4KZR, Chapel Hill, N. Carolina

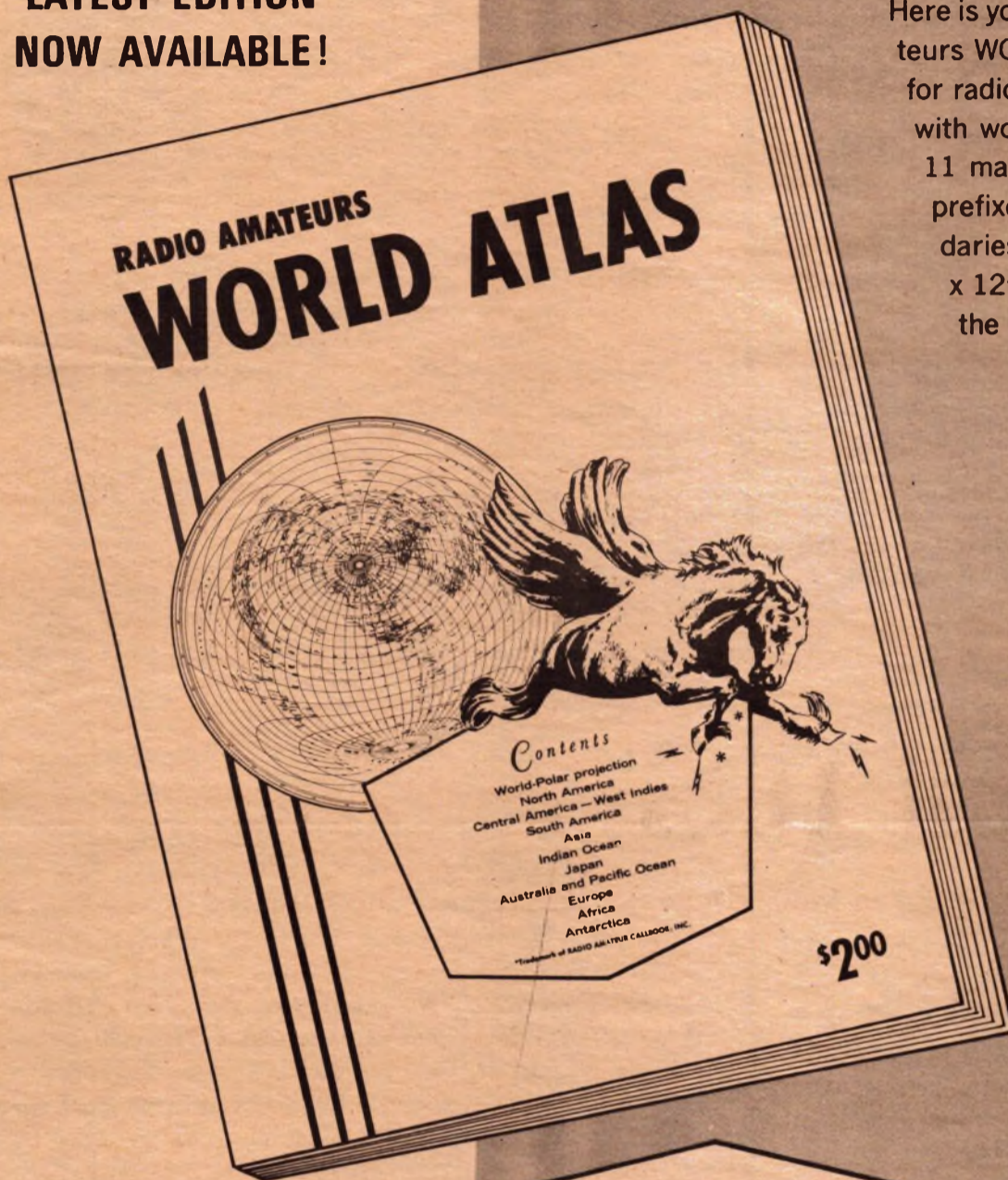
Wayne Keelin, WB4PWF, Riviera Beach, Florida  
D.D."Dee" Denker, WA6TAG, Cathedral City, California  
Sune Malmberg, SM6EXW, Halmstad, SWEDEN  
Joseph Agostinelli, WB2EAC, Rochester, New York  
Dr. Robert Paine, W7RX, Seattle, Washington  
Richard Nebel, W2DBQ, Garden City, New York  
Dr. Lloyd Williams, WA5PPA, Norman, Oklahoma  
Clifton & Susan Guyton, -, Davis, California  
Harry Tummonds, W8BAH, Cleveland, Ohio  
Dr. Charles "Mert" Moser, W6HS/FP8CK, La Canada, Ca.  
Samuel, Noblet, -, Middletown, Ohio  
Natan Sterental, OA4SO, Lima, PERU  
Joseph Parvis, W3BYY, Hanover, Pennsylvania  
Kathryn Hare, WN2LHB, Brooklyn, New York  
Robert Klepper, W7IEU, Everett, Washington  
Dr. Reginald Wilson, K5TOL, Dayton, Texas  
( continued next issue )



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\$11.95, Manual only \$2.50.

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01720 W1YLV

Spanish tourist officials say that more than 24 million  
tourists visited Spain during 1970, an 11.2 percent  
increase over 1969.

# notices

FEDERAL COMMUNICATIONS COMMISSION  
Action in Docket Case

On request of the American Radio Relay League,  
Incorporated (ARRL), extended to August 31, 1971,  
time in which to file comments on the inquiry into  
the extent to which amateur stations should be used  
on behalf of non-amateur organizations. Comments  
were originally due by July 1. (Docket 19245)

MARCO

Marco Net has a harmonic Marco Net in Spanish for  
the Doctors, Dentists, Vets, and medically oriented  
persons in South America and Spain. It is conducted  
in Spanish and meets every Saturday on 21280 kHz at  
2100 GMT. CQ Marco en Espanol estacion control  
WB2QMU.

MOSAIC AMATEUR RADIO NET

21447 kHz Sun. 1600 GMT EO International

7265 kHz Thu. 0100 & EO International  
0300 GMT

7075 kHz Mon. 0100 GMT EO International (CW)

SPECIAL ANNOUNCEMENT FOR ALL AMATEUR  
TVers WITHIN 50 MILES FROM GREAT LAKES, ILL.

Great Lakes Amateur Radio Club(K9NBH) is attempting  
to put a television repeater station into operation at Great  
Lakes, Illinois. The repeater station is to receive your  
video signal on 437.25 MHz and retransmit it on 425.25  
MHz. Audio will be 4.5 MHz above the video. Antennas  
at the repeater site will be horizontally polarized with an  
omnidirectional pattern.

The club has a limited number of UHF converters which  
have been realigned to receive down to 420 MHz. These  
are 75-ohm input and operate from 250 V. B plus or 12 V.  
and feed into your TV set 45MHz IF in place of your regu-  
lar UHF converter. These are available for loan until  
you have your own receiving equipment. Then they are  
to be returned for loan to someone else.

Station K9NBH will be conducting transmitting and  
receiving tests very soon to assist you in getting the  
repeater and your equipment operating properly. There  
are many technical problems to be solved, however, if  
this repeater is successful, future four-state ATV round  
table QSO's are a possibility.

For additional information, contact Mike Kodluboy,  
W0NKB/9 at 473-9464 or Ken Leiser, W9DOR, at 312-  
223-0651 or 312-688-2470 from 8 to 4:30.

## ATTENTION FM'ERS

Mike Den Branden, WA8UTE, the former publisher of FM Magazine and ex-FM editor of 73 Magazine talked at the FM meeting of the Orlando Hamfest. Mike is reviving FM Magazine under the name of "RPT" magazine and was handing out complimentary full color covers of the first issue coming out in the middle of July. For complete information on this new VHF and UHF FM publication, just write to RPT, P.O. Box 220, Southfield, Mich. 48075.

( de Florida Skip )

Armond M. Noble, WB6AUH, Editor-Publisher  
 Stuart P. Churchon, W6OMK, Managing Editor  
 William C. Horsley, WB6WCY, Associate Editor  
 Darleen Souigny, WA6FSC/VR5DK, Roving Editor  
 Sid Hall, WB6BNZ, Circulation Manager  
 Pat Jones, WA6EHM, Advertising Manager  
 Mark Rotter, WA6KYE, Production  
 Nellie Mistchenko, Graphics

# Worldradio

THE INTERNATIONAL COMMUNICATIONS REPORT

Vol. 1 No. 3

9 August 1971

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

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

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

**THOR HEYERDAHL  
 (via amateur radio)**

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## satellite

Dr. Perry Klein, K3JTE, President AMSAT Corporation, and Walter Ross, W6VPN, JPL Radio Club President, announce the formation of an ad hoc AMSAT-Oscar Transponder Test Flight Committee, chaired by Dr. Norman Chalfin, K6PGX. The JPL group will fly an engineering prototype of the Oscar A-O-B- Transponder which is to be launched piggyback on a NASA vehicle next February.

The test flight will be similar to the flight performed last May 15th on the east coast. The west coast flight is planned for late September. Special QSL cards will be provided. The flight will be from Los Angeles to San Francisco and return. The up link frequency is 145.90 to 146.00 MHz and the down link is 29.45 to 29.55 MHz.

Special FCC authority has been granted for Technician class licensees' transmissions to be retransmitted on the ten meter band. Call sign is WA3NDS/Aeronautical Mobile.

Announcement is made of the plans at this time so that interested amateurs may prepare their equipment for 2 meter transmissions as will be announced on 7255 khz.

The pilot will be R. Booth Hartley, K6KVC; Charles Phillips, WB6OPB, co-pilot; Richard Ulrich, K6KCY, flight engineer. Other committee members are: David Hubiak, WA6INB; A. Nash Williams, W6HCD; and Jesse Ball, W6BFO. Worthington Lent, K6GP, and Theodore Reid, W6HR, representatives of the Northern California Oscar Committee, will also act as consultants. For further information contact Norm Chalfin, K6PGX, at (213) 354-6833.

(de W6HCD)

## medicine

A. NASH WILLIAMS, W6HCD, Communications Director, Flying Samaritans

A child in Ecuador had only a 24 hour supply of a drug, manufactured by Cutter Labs in the Bay Area, upon which its life depended. Through Arthur Foullon, WA6-NZW, in Glendale, Calif., Jose Borja, HC2BC, in Guayaquil, Ecuador, was advised that another avenue of possible help existed, appeals to the Red Cross and a Los Angeles hospital having failed. WA6NZW called me to see if the Flying Samaritans could help. I was in contact with San Diego, Calif., on 80 meters at the time, so I asked Wesley Novotny, W6YSP, to call Dr. Dale Hoyt, president of the Flying Samaritans, on his phone-patch. The result was as follows: a phone-patch from Spring Valley to La Meas; an 80 meter SSB link to La Canada; a phone patch form La Canada to Glendale; a 20 meter SSB link from Glendale to HC2BC in Ecuador. Three phone-patches were in use simultaneously to provide 2-way direct communication from Spring Valley to Ecuador.

Edgar Romo, HC2RP/6 in Van Nuys, Calif., was standing by on 20 meters monitoring and awaiting the outcome of the appeal to Dr. Hoyt so he could make the arrangements to have the new drug flown to Ecuador. Having obtained the professional data needed - including the name of the attending physician - Dr. Hoyt assured the HC2's that he could help.

I gave HC2RP/6 Dr. Hoyt's phone numbers and final, detailed arrangements were worked out between HC2RP/6 and Dr. Hoyt via landline. The drug left Los Angeles International Airport on schedule. A few days later WA6NZW advised me that the child had died in spite of the effort.

# ESPERANTO

from Collegiate Review

Bumming around Europe, student charter flights, semester abroad programs, and international fellowships are becoming increasingly common facets of contemporary collage life. Almost everybody returning from a foreign stay has stories to tell of the language barrier - the policeman in Naples who did not know English and the dentist in Le Havre who did not comprehend the phrase for "the molar on the RIGHT." At present there is no solution to the barrier. Even a real flair for sign language and a big smile are inadequate.

A growing number of people are doing something to erase the language barrier by learning a second language called Esperanto. Not a replacement for one's own language, Esperanto is a scientifically designed, easy to learn, politically neutral, auxiliary language. Invented 75 years ago by a Polish physician, it is the only scheme for practical international communication which has stood the test of time.

Today, thousands of people speak Esperanto in addition to their native language. International meetings are held in Esperanto, books and magazines are published in it, some European traffic signs are appearing in it, and many international radio broadcasters are doing programming in this international language.

Perhaps one reason for Esperanto's unique success as an international language comes from its complete political neutrality. To appoint any one national language as "the international language" would cause hurt national egos and arouse international jealousies. In the present world situation, this would immediately prohibit English, Russian, French or any other national language tied either to the Cold War or to the history of colonialism. The use of any national language would be inherently tinged with cultural imperialism. In the words of a Black African spokesman from the Central African Republic, "We, the people of Africa, believe that full justice will be accorded to us and other small nations when our independence is acknowledged not only politically, but in the cultural field. For our cultural independence, a universal language like Esperanto is absolutely necessary."

More directly from another African: "It is humiliating for the small nations to be obliged to learn the languages of the large. Only a neutral language like Esperanto can eliminate that cultural dependency."

Political neutrality, however, should not be considered as a limitation on the range of topics which can be discussed. Although grammatically simple and politically neutral, Esperanto can convey abstract thoughts and and very fine shades of meaning.

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The next issue of Worldradio, 30 Aug. 1971, will be a special VK/ZL edition with an article on ZL1KG, Roy Needham's trip to the U.S. and an article by Al Shawsmith, VK4SS.

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(IMRA Page returns next issue)

Esperanto is growing rapidly with more speakers and students daily. The language itself is scientifically constructed to be easy to learn, to make use of internationally understood words (telephone-telefono, biology-biologio, mathematics-matematiko), and to look as familiar to as many different people as possible. With these ideas in mind, the language was constructed around a simple grammar without exceptions, and with a spelling exactly following the pronunciation. There are no silent letters in Esperanto.

Perhaps the key to the language is the use of suffixes and prefixes. Using a root word, up to fifty additional words can be constructed. This gives Esperantists a relatively large vocabulary without having to memorize large vocabulary lists.

An example of Esperanto and a translation into English would be:

Inteligenta persono lernas la lingvon ESPERANTO rapide kaj facile. ESPERANTO estas la moderna, kultura lingvo por la tuta mondo. Simpla, fleksebla, belsona, ĝi estas la praktika solvo de la problemo de universala interkompreno. ESPERANTO meritas vian seriozan konsideron. Lernu la internacian lingvon ESPERANTO.

An intelligent person learns the international language ESPERANTO rapidly and easily. ESPERANTO is the modern, cultural language for the whole world. Simple, flexible, musical, it is the practical solution of the problem of universal, mutual understanding. ESPERANTO deserves your serious consideration. Learn the international language ESPERANTO.

With a knowledge of English or even English with one European language, one can see it is a relatively easy language to learn. One can gain a knowledge and fluency in the language in a fraction of the time it would take to learn any other second language.

Naturally, Esperanto lends itself to the tourist. Now, and even more so in the future, one will be able to travel through many countries with just the knowledge of one's own language and Esperanto.

To foster interest in Esperanto, a very complete organization of Esperanto societies is maintained. A prospective European traveler need only acquire an easily available guide to European Esperanto clubs and he can be assured of personal contacts, aid, hospitality, and friendship from resident Esperantists - regardless of each other's mother tongue.

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## NEW SERVICE FOR AMERICANS IN SWITZERLAND

For the first time this summer, "Radio Suisse Romande" is offering a news broadcast in English daily at 11 am. This includes a coverage of the news for the past 24 hours, and also some tourist information, and some personal messages. This service, which is part of the program, "Special Vacances", has been warmly received by English-speaking visitors to Switzerland. (Swiss National Tourist Office)

# Honduran recuperating in Minnesota hospital

Sister Mary, WA5VBM

Moises Quijada, a 19-year-old native of Honduras, fell 45 feet from a scaffolding while working on the church in Guarita, Honduras. He was taken to the Santa Rosa Hospital in Guarita where it was determined by the local doctors that he had a broken back. When severe bed-sores began forming, it was determined that Moises would have a better chance for survival if he were transferred to the Mayo Clinic in Rochester, Minn.

Then the paper work and the logistics of moving the boy from the jungle country of Honduras to San Pedro Sula, Honduras, to Miami and on to Rochester, began. Father Joe Moran, HR5JDC, got on the radio and began the two-day process of arranging transportation. Two plans were worked out simultaneously. One, a commercial flight on TAN Airlines from San Pedro Sula to Miami and then on PAA from Miami to Rochester. The other, which was never worked out completely, involved the U.S. Air Force, which was offering its services to pick up the boy in Tegusagalpa.

Through Ham Radio, all connections and arrangements were made. These are excerpts of messages relayed through WA5VBM.....from San Pedro Sula to San Marcos: "All papers(visas, etc.) are ready and waiting for the arrival of the ambulance." (Father Tom Reagan drove the ambulance from Santa Rosa Hospital to San Pedro Sula and then accompanied the boy to Miami and Rochester.) ..... from Miami to Rochester: "Patient arrived in Miami on time. Departed for Rochester 9:20 AM will arrive Rochester 2:42 PM. Please have ambulance waiting." (Dr. John Schindler, W4RFA, met the patient and ministered to him in Miami;then, saw him safely off on the flight to the Mayo Clinic.).....from Rochester: "Father Tom Reagan will be on with a report from the clinic at 1:00 PM." (Sister Alverna, WAØSGJ, provided communications from Rochester back to Honduras on a day-to-day basis.)

The members of IMRA worked together to get this critically injured young man to the Mayo Clinic where the immediate threat to his life had been alleviated... namely the infection which had set in and sent his fever soaring to 106 degrees. But he is still paralyzed from the chest down and will need constant care for a long time to come. At the MayoClinic the diagnosis was made of spinal column severed in three places; broken wrist, several ribs broken, and skull fractured.

The IMRA is still assisting in communications and has arranged that Moises be able to talk to his mother in Honduras several times via Sister Alverna's phone patch. We have just mentioned a few amateurs by name, but, there were actually 15 amateurs who took an active part and untold numbers who stood by to help and keep the frequencies clear.

"What happens to the least of men anywhere happens to all men everywhere."..... Woodrow Wilson



(de Florida Skip)

RECENTLY THE INTERCONTINENTAL Net donated \$100.00 to Variety Children's Hospital in Miami. The check represents profits on the Intercontinental Net Directory started by the late Moe Stabin, K4DJW many years ago. Present were L to R: WB4JER, NCS, Charles R. Jacobson, Public Relations Consultant for Variety and K4CRU, one of founders and NCS of I.C.N. In front, little Nina Berrigar of Ft. Lauderdale a patient at the hospital who was being released the day the picture was taken.

(Photo via WB4JER)

## new monitoring service on 75 meters

LeRoy Youngs, WAØYVT

The Piconet All-Day Watch (PAW) which began on 4 January 1971, monitors 3.925 MHz from 9:00 AM until 12 Noon and from 1:00 PM to 5:00 PM, Monday through Friday. A different station is net control every hour.

It was originated by Don Johnson, WAØEPX, of Utica, Minnesota. Don is president of Piconet, the amateur radio emergency net of southeastern Minnesota.

The purpose of PAW is to have several stations on this particular frequency in case of emergency, but we handle formal traffic, arrange schedules and phone-patches, exchange weather and road information, and help out in any way possible. It is especially helpful to mobiles.

In the short time the Piconet All-Day Watch has been in operation, it has become a popular meeting place for amateurs in western Wisconsin, northern Iowa, eastern North and South Dakota, and Minnesota on 75 meters. Last month an average of twelve stations checked into the net every hour. Anyone, anywhere is invited to check in.

Most of the net controls are members of the Handi-Ham System of Minnesota. The regular net controls are: Don Johnson, WAØEPX, Utica; Paul Davis, WAØYER, Hillman; Alta Mitchell, WAØVTZ, Rochester; John Van Proocdy, WBØDYZ, Austin; Sister Alena, WAØUWT, Rochester; Bob Russ, KØGKI, Blue Earth; Sy Steele, WAØCCA, Rochester; Karl Koppelman, WAØTFC, Cleveland; Jim Mowery, KØZWG, Tracy; LeRoy Youngs, WAØYVT, Tracy.

# *A Hobby*

# *Helped*

# *Mrs. Bush*

# *Teach Communications*

from Education Insights

From smoke signal, jungle drum and fleet-footed courier to telephone, newspaper and television, the need for communication has been a prime factor in the progress of society.

Mrs. Dorothy Bush's primary two classes at May Morely study all this each year in a communications unit.

But last year's was different. It was built around Mrs. Bush's hobby-amateur (Ham) radio operation.

She started the project before school began by writing a letter to the editor of a magazine for radio amateurs in Florida, asking for help in locating another second grade teacher who would be willing to work out a joint activity in which the children could communicate via ham radio.

Mrs. Bush's letter was forwarded to the president of the Amateur Radio Society at Kennedy Space Center and then to Mrs. Patricia Fanning, a second grade teacher at the Robert L. Stevenson school on Merritt Island, Fla.



According to Mrs. Bush, a basic objective of the joint project was to involve all possible areas of the primary two curriculum.

"Early phases of the project developed language art skills," Mrs. Bush said. "Handwriting and letter writing skills were developed as the two classes exchanged letters, drawings, and photographs to get acquainted."

Since parents of most of the Merritt Island students were employed in the space program, the Florida second graders gave their Lincoln pen pals first-hand accounts of launchings of the Apollo XI and XII space missions. The May Morely class, in response, wrote to the Floridians about Nebraska.

As a Christmas surprise, the Merritt Island class sent a crate of Florida oranges to Nebraska. From Mrs. Bush's class, they received a styrofoam chest of frozen Nebraska snowballs and an 8mm film of the May Morely students packing them.





# Ham Exchange

Jim Kirkgasser, WA2ELA

How would you like to have a chance to travel, have fun, talk ham radio and be an ambassador all at one time as we did last summer?

It's easy; join the Ham Exchange as we did through Fred, DL8VQ/W2. It all started in the fall of 1948 when Fred Trode thought about seeing some of his friends from DL land without the expense normally associated with a foreign vacation. Thus, the Ham Exchange as an idea was formed by Fred and with the cooperation of Uwe, DL8QP, it was put into motion.

Fred outlined his idea in an article in the Sunday Ham Section of the local newspaper and by speaking with members of the Syracuse radio clubs. Fred wrote another article which appeared in the German DL-QTC Magazine from which he got a list of DL's who were interested in traveling to the U.S. When these DL's were matched with hams in the Syracuse area, the success of the first exchange was assured.

The basic idea of the program is to supply a home base; food and room only; for the guest from another land. The rest of the program as far as what you want to do is left up to the individuals involved. It is possible to be host to a visiting ham without taking a vacation and still supply the needed home base for the guests.

If you are interested in this type of program, send a self-addressed, stamped envelope to the Ham Exchange c/o Fred Trode, DL8VQ/W2, 225 Candee Ave, Syracuse, N. Y. 13224, and he will send you all the information that is necessary.

To aid in introducing the prospective guests to their hosts and vice versa, the application should be filled out completely. The information regarding age, job, years on the air, etc., are designed as guidelines to match people in similar areas of mutual interest. Don't hesitate because you have children as there are many openings for families with children.

This program is voluntary and you are not obligated to become a host next year but chances are you will be involved one way or another based on the opinions of the people who took part in the program this year.

We are planning a program of this sort with hams from other countries who are not in the program as yet but will be soon such as Norway, Sweden, Denmark, Belgium, Holland, and other European countries. In fact it is possible to expand this program worldwide in a few years.

Write to Fred Trode; the next DX station you work could be your guest or you may be his next summer.

There are also special charter flights for hams to travel together to Germany and Europe. Upon arrival in Germany you will be met by an official of Ham Exchange and DARC. Prior to your arrival a German ham will have applied for your DL license.

## Direct Line to Monterrey

Dallas **W5ONL**

A ham radio operator for 23 years, Dick Sisson of Richardson, Texas is a Spirit-filled layman with Canyon Creek Presbyterian Church. Dick first heard about the Berean work when a busload of his church's young people made a weekend trip to Rancho Bera in Monterrey. After Dick heard their testimony, the Lord began to deal with him about his part in Christian service.

At the invitation of a Berean worker, Dick was given the opportunity to see the Monterrey Fellowship firsthand. Three weeks ago, along with other interested businessmen, he boarded the Berean Greyhound bus for Mexico.

"I knew that the Lord wanted me to go on this trip, but I did not know why," he said. "It was while talking to Bob Williams, principal of the Mexico Berean schools, that I realized why. Bob said, 'Our greatest need now at Rancho Bera is that of communication.'

"Immediately the Spirit began to bring back the reasons why I had been a ham radio operator all those years, why I had come in contact with the Berean work and—strangely enough—the Spanish language that I had learned, but never used, began coming back to me and I was able to speak it rather well.

"I feel that this is witness enough and that it is time that this is put to use to help establish a Fellowship communications system between Dallas and Monterrey. A telephone patch hooked on to a direct line to the Monterrey Fellowship can give personal direct contact in the case of business, sickness, etc."

Brother Sisson, a member of the Dallas Ham Radio Club, feels assured that there are many other short-wave operators who will gladly donate their time and equipment in this endeavor. An antenna specialist and co-worker of Sisson's at Collins Radio has already expressed his interest in helping with the project.

"Although each country has its own particular requirements for radio communications," says Sisson,



Mr. Sisson checks Beraan's short-wave equipment.

Monterrey

"I feel that after Monterrey, we can expand our operation to the other Mexican Fellowships—then to Jamaica and Recife. If the Lord lays it upon enough hearts, an International Life Corps line can be established to every nation on the face of the earth."

For several years God has been supplying radio equipment to the Bereans to realize such a vision. An almost-new radio antenna has been furnished, as well as short-wave sending and receiving equipment. A linear amplifier is most needed now to put this new ministry into operation. A Heathkit SB200 could also be utilized, and miscellaneous wire and small parts of any ham equipment would be appreciated.

Anyone who has such equipment to donate may contact Dick Sisson at 231-6031 or Larkin Haynes at 358-4141.

According to Brother Haynes, electronics lab teacher in the Life Corps College, there are many students in the Corps who already hold commercial radio licenses, and could be trained for this ministry.

He feels also that there is a great potential in reaching former drug addicts for Christ by getting them actively involved in radio communications.

from Berean Fellowship International Weekly News.

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# Conditions

## FOR THE ISSUE OF GERMAN SHORT TERM LICENCES TO FOREIGN RADIO AMATEURS FOR JOURNEYS, FOR HOLIDAYS, OR VISITS.



The telecommunications administration of the Federal Republic of Germany has decided to issue Amateur Radio Licenses of three-months duration for temporary visits to non-German nationals of countries with whom the German telecommunications administration has a Reciprocity agreement relating to Amateur Radio or where such an agreement is in prospect.

The condition for issuing such a license is in all cases that the applicant holds a valid Amateur Radio License in his own country, which is equivalent to the German Amateur Radio License.

DARC has accepted to be surety for the Foreign Radio Amateurs vis-a-vis the German Post Office. For this purpose they have established an International Affairs office under the direction of Herbert Picolin, DL3NE.

Application for a three-months license with the following details and enclosures should be sent at least six weeks in advance to: Leitung, Direction: D. Burberg, DJ2YE, P.O. Box 180, D-4020 Mettmann, Federal Republic of Germany.

The fee and costs for a three-months license are DM 14,-. This sum should be sent in German currency (Not IRCs) by post-cheque to: DARC International Affairs, Postscheckamt Essen, Nr. 5613, Federal Republic of Germany, or by bank-order at the same time as the application. Only after these conditions have been fulfilled can the license of the German Post office be issued. The German Post Office reserves the right to refuse a license without giving any reason.

The application must give the following information:  
1. Nationality of Applicant 2. Christian name and

Surname 3. Date of Birth, Place of Birth 4. Home Address 5. Home Call Sign 6. Membership of a Radio Society: Yes/No. Name of Radio Society 7. Photostatic copy of home license. 8. Period of three months for which license is requested 9. Address to which license is to be sent 10. Residence in Germany or type of vehicle and registration number in the case of mobile operation 11. Declaration that the fee has been sent.

Amateur Radio Licenses for holiday, journeys or visits will be issued only for three-month periods even if the actual stay in Germany is for a shorter period. The license will be valid for three calendar months. After the issue of the license, the operation of fixed, mobile or portable amateur radio station will be permitted with the Federal German Republic on - 3.5 - 3.8 mcs; 7.0 - 7.1 mcs; 14 - 14.35 mcs; 21 - 21.45 mcs; 28 - 29.7 mcs; 144 - 146 mcs.

The Call Sign will be the Home Call Sign followed by the suffix /DL. In the case of mobile stations the suffix /M will be added in telegraphy and /Mobile on telephony, and in the case of Portable stations /P in telegraphy and /Portable in telephony. (For example G3ABC/DL or G3ABC/DL/M.) On the issue of the license, the holder becomes obliged to comply with the German regulations.

Other regulations apply to Foreign Radio Amateurs who have a residence in the Federal German Republic and who remain for longer periods either for education or exercise of a profession or occupation. They should apply to the Oberpostdirektion of the Federal German Republic of the district in which they are resident for further information.

DARC-International Affairs

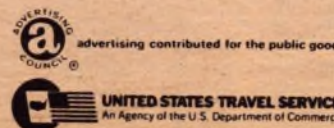
William E. Smith, K8LFI, Sylvania, Ohio, recently took part in a network of 22 mobiles that furnished communications along a line of march from the Court-house in downtown Toledo to the high school in nearby Sylvania. The 11 mile march called the "March for the Bridge" was made by teenagers of the area high schools as well as a number of hardy adults. It was a successful effort to raise funds to help a drug users rehabilitation center called "The Family Tree"

Six and two meter FM mobile radio cars were used, aided by Repeater stations along the line of march. Police radio in each of the communities passed through was on different frequencies, so amateur radio was used to keep all advised through use of checkpoints. Amateur radio operators taking part were: WB8AQH, WA8CIF, K8DFE, WA8EOJ, WA8FVT, W8ORT, K8HNI, W8HYE, W8HYW, WB8ISJ, W8KPJ, K8LFI, W8LNW, WA8LVH, WA8MNR, K8MXY, WA8-NLE, K8OSH, WA8FKQ, K8RGK, WA8RLT, K8RZL, K8RZQ, WA8SAE, WA8UTQ, K8UZT, W8VKR, WA8-WZX and K8ZOS.

This type of amateur radio communications service is available in all communities. Contact your local Amateur Radio Emergency Coordinator.  
(de Harry Tummonds, W8BAH)

# If you can make a German visitor feel more welcome, do it.

One foreign visitor's most unforgettable American memory might easily be you.



# HOPE

Dr. Ralph Jensen, W6LVC

The XYL and I just returned from a month of medical and nursing volunteer service with Project HOPE at the Sage Memorial Hospital in Ganado, Arizona.

We were so busy treating the Navajos in the hospital and out-patient clinic and delivering their babies that we didn't have much time left for hamming. We did have a few skeds with WA4YNN/MM2 on the S.S. HOPE and we were able to make a few contacts back to Sacramento and elsewhere in the country for messages home from the HOPE personnel. Bill Peters, formerly administrator of the Navajo hospital, currently on the S.S. HOPE was able to talk with Paul Lang, the present hospital administrator.

I brought my Yaesu FTdx 560 to our quarters in a house trailer by the hospital and also made contacts on a SBE-34 which I had set up mobile in my station wagon.

Project HOPE has 2 land-based operations. One is at Laredo, Texas and the other is the Navajoland project at Ganado, Arizona. The Hospital at Ganado is a fairly modern 45-bed unit with extensive out-patient clinic, laboratory, X-ray and pharmacy facilities. While we were there, there were four regular staff physicians, and I was one of three volunteer "rotators" who had volunteered for a month.

Our daughter, Shirley, a registered nurse, is Director of In-service Training for the Navajos, and her husband is the dentist. They are both serving on the permanent staff for a tour of two years.

The next time we go back we will have to bring along a lightweight beam and establish more skeds in advance.



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Watch for Dave and his tape recorder at Ham-fests and Conventions throughout the country.

The cost of the Sisters' "Voice of Assisi" Amateur Radio communications center was met entirely by the generosity of the citizens of Rochester, Minnesota.

(Left to Right-Standing) Sister Berard, WAØWVR; Sister Alverna, WAØSGJ;  
(Left to Right-Seated) Sister Clara Marie, WNØZUU; Sister Alena, WAØUWT.

Sister Berard is a Handi-Ham with M.S., Sister Alena also has M.S. and is in a wheelchair. All four are active in the Handi-Ham System. (Ned Carman, WØZSW)



In each issue of Worldradio, on page two, the latest subscribers to the publication are listed "to facilitate your acquaintance with people of common interest." Behind that idea there is a story.

de wb6auh

Armond M. Noble

One night a ham called saying he had a phone patch from Fred Hargesheimer, WØEBG-VK9FH, who at that moment was on a freighter in the Pacific on his way back to New Guinea. After the completion of the patch, we chatted with the amateur who ran the patch. A common interest in many things were discovered, including a great liking for the lore and the lure of the Pacific areas.

A few nights later the ham and his wife came over to the house for the evening. It was one of those rare times when almost instant rapport is achieved. A few nights later we were entertained at their home.

He was a cheerful story-teller, and a happy person. His wife, also an amateur, received almost daily letters from ham friends all over the world. Many amateurs from other lands had stopped at their Sacramento home while passing through California. They had also met many foreign hams during their overseas trips.

Due to the heavy travel demands of his work, he didn't belong to any of the local amateur radio clubs, and we both commented that it was strange we had never run into each other on the air, having both lived in Sacramento for about two years. We had both previously worked as newspaper and magazine photographers, and had so much in common that we had missed much in not getting acquainted sooner.

Because of his great interest in people of other countries, his tremendous skill with a camera, in a darkroom, and with layout and design of publications, we asked him if he would be interested in assisting with this paper.

He found the idea a fascinating one, and said when he returned from vacation we would really get at it. They were off to the Pacific.

While in Tonga on 11 November 1970, a fatal heart attack struck down Gene Souigny, WA6DKW/VR5DK. The sad news came back on 20 meters.

The first reaction was a desire that we had but met earlier. Life was richer knowing Gene Souigny. He loved ham radio and all it stood for, and he loved people.

Swan Electronics had loaned him a Cygnet 270 to take to Tonga. With their cooperation that rig was purchased when it was brought back by his widow, Darlene, WA6-FSC. The rig, in a carrying case, was obtained to be a living memorial to Gene. Its purpose is to be borrowed by anyone going overseas on a short-term volunteer project in which other people benefit, such as from the actions of a volunteer physician, relief agency staff member, etc.

Gene's name and calls will be engraved on the rig, as well as those who use it from now on. The offer of the rig first appeared in the MARCO bulletin some months ago. Herb Johnson, W6QKI, President of Swan, said he wanted to be personally contacted when the rig required any service or repair. A photograph of the unit appears on the cover of this issue.

An enthusiastic person, Gene really lived life. It was a great privilege to have known him, and our loss that our friendship was so short in time. It is for this reason that we hope some of you may get together through our listing.

One never has enough real friends.

## The Scandinavian Activity Contest 1971

CW : Sept. 18th 1971 (Saturday) 1500 GMT to Sept 19th 1800 GMT  
PHONE : Sept. 25th 1971 (Saturday) 1500 GMT to Sept 26th 1800 GMT  
LOGS to: SRAL Contest Committee, Box 306, SF-00100 Helsinki 10, Finland

### General Rules for non-Scandinavians

1. CONTEST PERIODS: CW 1500 GMT Saturday to 1800 GMT Sunday during the 3rd week-end, September, every year.  
PHONE 1500 GMT Saturday to 1800 GMT Sunday during the 4th week-end, September, every year.
2. CONTEST CALL: Non-Scandinavian stations call CQ SAC on CW and CQ Scandinavia on Phone. The Scandinavians use CQ-test and CQ-contest.
3. BANDS: 3.5 — 7 — 14 — 21 — 28 Mc/s.
4. OBJECTS: Non-Scandinavians will try to work with as many Scandinavian stations as possible. The same station may be worked once on each band during the Contest. Only cw-cw and phone-phone QSOs are valid for the Contest. The prefixes used in Scandinavia are: LA(Norway) JW(Swalbard) JX(Jan Mayen) OH(Finland) OHO(Aland Islands) OHO(Market Reef) OX(Greenland) OY(Faroe Islands) OZ(Denmark) and SM/SK/SL(Sweden). All of these prefixes are geographically not in Scandinavia, but they are considered so for the contest.
5. OPERATING CLASSES: Single-operator, multi-operator/single transmitter and multi-operator/multi-transmitter. The club stations, even if operated by one operator during the Contest, are in the multi-operator class. Multi-operator/multi-transmitter stations are to use separate series of serialnumbers for each band.
6. SERIAL NUMBERS: The serial exchange consists of six-digit (CW) or five-digit (Phone) number: RS(T) + Nr, e.g. 599001 or 59001 etc. Every contestant must start from 001.
7. POINTS: one point for every complete contest QSO.
8. MULTIPLIERS: Maximum of 10 per band, consisting of the prefixes listed in paragraph 4.
9. FINAL SCORING: The sum of complete QSOs multiplied by the sum of multipliers. There is only multi-band class in this contest.
10. CERTIFICATES: Two highest scoring stations in all operating classes separately on CW and PHONE will receive the Contest Award in each participating country as well as in each participating U.S.A. call area. Depending on the number of the contestants in each country the Contest Committee will consider more certifications.

11. CONTEST LOGS: The logs are to be filled in the following order: date, GMT, station worked, sent nr., received nr., band, note of NEW multiplier. Separate logs for different bands are not necessary, but a summary sheet showing totals of each band and the final score is required. On this summary sheet the contestant will write plainly his/her callsign, name and full address. Also the operating class to be stated. Separate logs are required for CW and PHONE. The rest of the space on the summary sheets is recommended to be used for personal comments. Finally, the signature of the contestant certifies that he/she fully agrees to the rules, has been working according to them and agrees to the final decision of the Contest Committee. The logs must not be mailed later than October 15th, year of the Contest, to the organizing League.
12. The decisions of the Contest Committee are final and definite. Right to changes in these rules is reserved.

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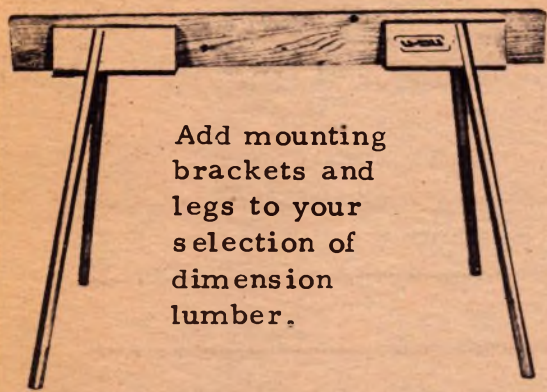
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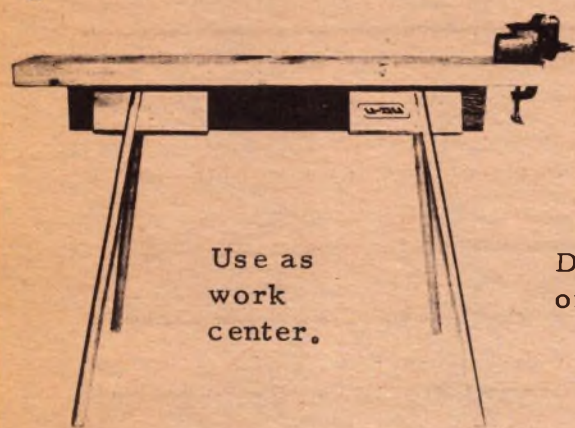
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STAN KELLOGG, W6KPR

The message from the crew of RA I (Worldradio-19 July 1971) to Secretary General U Thant made a deep impression on me and I hope that through both Amateur Radio and Worldradio, more people on this planet will begin to take the humanitarian view so well-voiced in the message. It certainly is a disgrace to humanity that with our planet shrinking, so to speak, we can not get along without so much strife and discord between races and political viewpoints.

Joseph Parvis, W3BYY, is QSL manager for Rev. Roy Watkins, EL8C, and Rev. Bob Hone, EL7B. Both are Baptist missionaries in Liberia.

Worldradio would appreciate receiving club bulletins.

# comments

An interesting appeal to the humanistic aspects of ham radio... Dr. Chester Cassel, WA4YBZ

We are of the opinion that a publication of your kind has been needed for a long time... Domenic Pallotto, W9BOX

Your new magazine is the best idea to hit ham radio in a long time. Finally, a magazine that stresses the ham's ability to make friends all over the world... There may be hope for the world yet !!... Joseph Falletta, WB6UDO

We "Handi-Hammers" wish you every success in your venture... Ned Carman, WØZSW

Many thanks for a long needed and wonderful paper... Rose Ann Barbarite, W3FUS

Your first copy fills a long existing void. It's good reading and highly interesting. Thank heaven you will be staying out of the squabbles and bickering... Dr. Charles Meistroff, W4TFA-K4KMN

Stay out of politics, controversy and bickering and you can serve a real purpose... Dr. Edward Hicks, WB4DAL (Editor's Note: Copy you loud and clear, Doc, and Roger -Wilco on your advice)

Its objectives seem worthwhile indeed... Carl Sletten, W1YLV

It is a very FB idea... Dr. Stephen Gumpert, WB2RVU-WA1CFV.

It is going to be a wonderful paper. The objectives are wonderful, too ... Dorothy Bush, WAØVNE

Hope all goes well with your publication... All Colegas y Amigos back your aims... H.R. "Duke" Ellington, W6OZD

I thoroughly enjoyed the first issue of the paper... Dr. Robert Kurth, W5IRP

Your paper promises to be a most valuable contribution to serving our fellow man through ham radio... Sister Margaret Mungovan, WA2CQV

I can see already that it's an informal round table discussion to anyone who opens its pages.. Kinda' reminds me of a family get-together.. James Gagliolo, WB4IME

Sincere congratulations to the publication and editorial staff on undertaking this unique solution to a growing need... John Sisson, Jr., W5ONL

This is a great idea... Joe Veliz, K6IH

I think Worldradio is something we have been needing for some time - it is vy FB... Robert Knapp, W4ONM

It is a pleasure to welcome this new endeavor in an area which has so much of interest... Wayne Keelin, WB4PWF

With all the hate/confusion now in the world, it is a pleasure to get a breath of fresh air via the love and help that pours out of your group... Stewart Mac Kenzie, Publisher, American SWL Club

Worldradio was a missing ingredient in the arena you have chosen... A. Nash Williams, W6HCD

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# Late News

Each issue this space will be held open for any last minute news or information.

Marie Sutter, WA8LJF, and Rev. Leonard Bose, WB6BSO, called long distance on 31 July and said the IMRA mini-convention in Ohio was proving to be very useful and informative. A full report will be in the next issue.

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# Worldradio

THE INTERNATIONAL COMMUNICATIONS REPORT

Vol. 1 No. 3

9 August 1971

## SRAL 50 YEARS IN SEPTEMBER

One of the oldest radio amateur societies in the world is SUOMEN RADIOAMATÖÖRI-LIITTO (SRAL), the Finnish Radio Amateur League which held its first official meeting on September 15th 1921. The Finns were early to start with radio experiments but a contributing factor was that they are usually early to start societies. Already in January 14th 1921 a society for youth (NVL) asked for official permission to start a radio club with the right for its members to use radio receivers and transmitters. It was mentioned that a similar permission had been given in U.S.A., Great Britain and France. In April it was decided to form a society by name NVL RADIO SOCIETY and in August the permission was granted. On September 15th was the official first meeting where Leo Lindell (call NVA, later 1MA) was elected first president. Because of the name of the parent society (NVL) all calls were to start with a letter N. This is why the ham alphabet in Finland starts with N.

Local radio clubs were to follow rapidly in various parts of the country. In 1927 the modern form of the name SUOMEN RADIOAMATÖÖRILIITTO was accepted and SRAL became an independent society. Before that the hams had already started broadcasting transmissions (1923—24) and formed the company which now is the government owned FINNISH BROADCASTING COMPANY. The founder of this activity was Arvi Hauvonen (3NB) in the city of Tampere in 1923. OT Arvi is now retired but is still active on the VHF-bands with the callsign OH3PP. He was also the first Finnish ham to have a QSO to a foreign country in 1924. The first president of the society Leo Lindell was one of the first to see the importance of the short waves and when his advice and example were followed the Finnish amateurs were among the first to have world wide contacts: trans-Atlantic QSO was held between 2ND and RP4SA in 1925 and a year later New Zealand was reached by 2NM.

During World War II amateur radio was not allowed and the licenses were renewed in 1947. When this happened there were about 300 members in SRAL: now the membership number is 2400 out of a population of 4,5 million.

The OH-hams have kept the tradition to do pioneering work in radio: the Finnish television was started by amateurs in the beginning of 1950's. Many of the leading engineers in broadcasting and electronics have been and are radio amateurs and the hams played an importance role in wartime communications. Pioneering work has been done also on VHF: OH1NL made the very first trans-Atlantic Moon bounce 144 MHz contact with W6DNG in 1964.

OH-hams been active in all OSCAR-experiments and they have also devised their own "poor mans OSCAR": ILMARI-balloon, which contains a 144 MHz/432 MHz transmitter and 80 and 10 meter beacons and has been flown successfully six times since 1967 to allow long VHF-QSO's. OH-hams are also well known in ham contests and have several times won World championships. Also they have made several DX-peditions like to Market Reef and Albania.

The president of SRAL is Axel Tigerstedt, OH5NW and it has bureau in Helsinki with secretary and office manager as a permanent staff.

SRAL publishes the magazine RADIOAMATÖÖRI 12 times a year and the HQ station OH2A (during 1971 OG2A) is active on all bands from 80 to 2 meters. SRAL also maintains two VHF beacon stations OH6VHF and OH8VHF in Northern Finland.

Ham licenses are valid for 5 years and Finland has reciprocal licensing agreements with many countries. All Finnish licensed amateurs have to be a member of SRAL. SRAL will celebrate its 50th Anniversary on September 11th in Helsinki with a Ham Day and Banquet.

Box 306

1921  1971

SUOMEN RADIOAMATÖÖRILIITTO

HELSINKI 10, FINLAND