

INDEX

International

Vol. 14, No. 4

August-September 1987


Read On . . .

A review of some of the books available on Christian shortwave stations.

by Kenneth D. MacHarg

Many shortwave radio listeners are also avid readers. In particular, those in the hobby enjoy reading books about international broadcasting and shortwave listening.

Perhaps unknown to those in pursuit of literature on the subject are the many books which describe the role of the international Christian shortwave stations. The following review may help direct readers to books of interest.

 The World Radio Missionary Fellowship, Inc., parent body of HCJB, has published a number of books over the years which describe the development of this fascinating station.

Radio, the New Missionary (by Clarence W. Jones, Moody, Chicago, Ill, 1946, out of print)

HCJB's co-founder, Dr. Clarence Jones, wrote this book after World War II. Over the years it has proven to be remarkably prophetic as Dr. Jones described the then-developing areas of missionary radio and missionary aviation. Dr. Jones accurately predicted that these "new" developments would revolutionize missionary work in the coming decades. At the close of his volume, Dr. Jones turns a few pages over to one of HCJB's newest and youngest staff members to describe how readers could tune in HCJB on the shortwave bands. That "freshman" missionary was none other than Clayton Howard who later became

known to thousands of listeners worldwide through his program, the DX PARTYLINE.


Seeds In The Wind (by Frank Cook, World Radio Missionary Fellowship, Miami, 1970, available through HCJB offices)

Another fascinating account of the development of HCJB and its related ministries, it takes the history of the mission up through 1970. Different chapters focus on the development of programming, technical additions, and how listeners have responded to the broadcasts.

Come Up To This Mountain (by Lois Neely, Tyndale, Wheaton, Ill, 1980, available from local bookstores or from HCJB offices)

Probably the most remarkable figure in the history of missionary broadcasting is Dr. Clarence Jones, co-founder of HCJB. From an early ministry in Chicago playing his trumpet for a Salvation Army band, through the development of HCJB to become the

seventh largest radio station in the world, this book provides an account of the successes and disappointments of this ambitious man. Readers gain an insight into why HCJB is the powerful giant in broadcasting today through various glimpses into the life, faith, struggles and vision of Dr. Jones.

FEBC  The Far East Broadcasting Company and its related Far East Broadcasting Associates have at least three books to whet the appetites of those who enjoy reading about shortwave missionary radio.

Sky Waves (by Gleason Ledyard, Moody, Chicago, Ill, 1953, out of print)

This is one of the most fascinating books on the subject of missionary broadcasting, detailing the development of this radio giant from its formation after World War II through 1963. Told here are stories of the miraculous construction of the station, its ministry

continued on page 3



Person to Person



Brent Allred
ANDEX Interim Director

ANDEX exists to provide you with a service--to provide you with information about HCJB, Ecuador and how you can gain the most enjoyment out of your listening hobby. In an attempt to improve that service, we have increased the size of the bulletin to eight pages and have added some new articles. I would appreciate receiving your comments on these changes and your suggestions for future improvements.

I hope Ken MacHarg's article on books about Christian shortwave stations has whetted your appetite as much as it has mine. Or maybe some of the books mentioned in our "Bookshelf" column have interested you.

What do you enjoy in a book? Mysteries? Poetry or love stories? Maybe history or biographies? I know a book that contains all these themes. But it also contains much more. The book I am referring to is the Bible.

William Ward has said, "The Bible dramatically deals with difficulties that discourage us, temptations that test us, and problems that plague us. It richly reveals the Christ who can change us, the Friend who can free us, and the Light who can lead us."

If you are looking for a book that deals with the frustrations, the disappointments, the fear that you're experiencing now, can I suggest that you consider the Bible? If you would like to know how the Bible can help you, how it can address the situation that you are in now, how it can point to the greatest friend you will ever know, I would enjoy hearing from you.

Although written hundreds of years ago, the Bible is relevant for YOU today.

ENGINEERING CENTER OPENS

HCJB World Radio has opened an engineering center in Elkhart, Ind., U.S.A. to produce high-power transmitters for gospel broadcasts. Initial projects involve designing and constructing a new 100 kw transmitter and assembling a second 500 kw unit for use in Ecuador. Dr. Eric Moore, director of HCJB's Technical Services Division, also envisages a program to build portable radio stations. "These will be small, turnkey stations with a transmitter and studio shipped in a single container," he explains. "They will further help HCJB and other broadcasters fulfill The World By 2000 goal to make gospel broadcasts available to everyone in their own language by the year 2000."

ANTENNA CORNER: SW Antennas: Materials (II)

by John Beck

Last time we described the types of wire that can be used in constructing an antenna. What other types of materials will we need besides wire? Since we will be attempting to insulate the antenna from any other object (buildings, trees, etc.), we will need some type of support system combined with insulating devices. Probably the simplest and the best devised are porcelain insulators combined with cord or rope.

Insulators are usually placed on either end of the antenna to keep it from shorting out to a grounded object. There are basically two types. Egg insulators are often used in guy wires or other applications where a broken wire would be disastrous. If an egg insulator fails, the wires are looped around each other, so the wire remains in place. Barrel (or dog-bone) insulators are often made with ridges, to increase the leakage path, and therefore, increase the resistance. Many times these are made with porcelain. Not only is porcelain a good insulator material, but its slick surface tends to be self-cleaning. However, it's still a good idea to periodically clean off dirt, air pollution and other build-up which would increase the leakage. Unfortunately, these porcelain insulators are becoming harder to find. One chain of electronic stores in the United States reportedly has gone to plastic insulators. However, porcelain still beats plastic when it comes to high dielectric qualities, strength and weatherability.

Unfortunately, many man-made fibers used in rope today tend to change their molecular structure upon constant exposure to the ultraviolet rays found in sunlight. After a while, it becomes brittle and breaks with very little effort. Cotton cord lasts longer, but tends to stretch. The main goal is a support rope that is non-metal in construction and will be able to hold up the antenna despite weathering effects.

We also will need a method of bringing the signal from the antenna to the radio. This section is referred to as the feed-line. This can be as simple as a single stranded insulated wire. It can even be the same wire as used for the antenna. However, it would probably be advantageous to utilize coaxial cable. This would allow us to route the feed-line by the guttering or other metallic objects on the house. A coaxial feed-line also tends to pick up less interference than a single wire. You will need to look for quality coaxial cable with a dense braid. The braid provides the shielding characteristics. The outside jacket should be of a noncontaminating type of material. Again, this provides protection from the effects of sunlight and weather.

NEXT ISSUE: Antenna placement

TIME TO RENEW?

Check your address label to see if it is time for you to renew your ANDEX membership. The messages on your address labels are the only notifications you will receive that your membership is expiring. To renew, simply send your address label with the appropriate fee to your local HCJB office listed on the back page.

Read On . . .

continued from page 1

especially to the Soviet Union and Asia, and its impact on its home country, the Philippines.

Seychelles Calling (by David Winter, FEBA, England, 1971, may be out of print, or obtained from FEBA)

The smallest book available on the topic of international missionary broadcasting, it is none the less an interesting story of the development of FEBA on the remote Seychelles Islands in the Indian Ocean. This volume, and the one described next, tells the story of the construction of antennas on coral reefs off the coast of the islands--a truly remarkable feat!



The Power of the Air (by Peter and Pam Cousins, Hodder and Stoughton, London, 1978, available through bookstores or FEBA)

This book is unique in that it not only details the development of FEBA Radio in the Seychelles Islands, but also devotes a great deal of space to discussing the philosophy of Christian broadcasting by shortwave. The book raises such questions as: Is international Christian broadcasting really

reaching its targets? How can such transmissions be made most effective? Is there a future for international Christian broadcasting?



Trans World Radio has stations scattered all over the globe, and is respected as one of the largest radio networks in the world. But, as readers of TWR's books will learn, the struggle to gain that global saturation was not easy.

Towers To Eternity and **Let The Earth Hear** (by Dr. Paul Freed, Nelson, Nashville, 1979 and 1980, available in bookstores and from TWR offices)

These books by TWR's founder describe the almost-unsuccessful efforts to put the first TWR station, the Voice of Tangiers, on the air in the early 1950's. But then, through the blessings of God, the station moved to Monte Carlo, grew, prospered, and the result is today's far-flung network. Both books describe the history of these stations, and the involvement of church people in their growth.

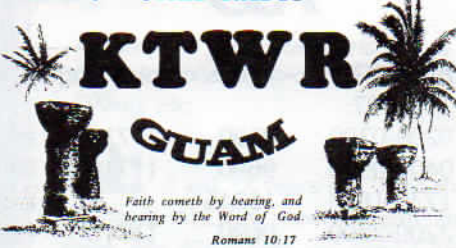


ELWA, operated by SIM International (formerly Sudan Interior Mission), is perhaps one of the least known of the Christian broadcasters because it is small and targets primarily Africa and the Middle East. Its story is nevertheless captivating.

A Voice Under Every Palm (by Jane Reed and Jim Grant, Zondervan, Grand Rapids, Mich, 1968, out of print)

This volume takes the story of the vision of several students at Wheaton

TRANS WORLD RADIO



College and tells how that dream developed into ELWA, a significant Christian voice broadcasting from Monrovia, Liberia. The book contains a generous selection of pictures of the station under construction and in operation.

While some of these books are available through bookstores or from the missions themselves, many are out of print. Each mission continues to publish pamphlets and booklets describing and updating their work. Check your local bookstore or write to the mission of your choice. Then, some dark and stormy night when reception is terrible, you can curl up in your chair and read about the stations to which you listen so often.



Ken MacHarg, ANDEX No.24, lives in Jefferson, Indiana, U.S.A., and is the host of HCJB's listener-contact program, SALUDOS AMIGOS.

Riddle Solved

In the April-May issue of the bulletin, we reprinted a garbled message that had appeared on our Reuters wire service teletypewriter. One reader saw this message, decided to decode it, and sent us his findings:

"You might be interested to know that I decoded the 'message' in a few minutes. It says: BRITISH FOREIGN SECRETARY SIR GEOFFREY HOWE TOLD HIS SAUDI ARABIAN COUNTERPART.

"In case you don't know how I did it, it was very simple. As soon as I saw it I realized what had happened--somewhere a "figures-shift" had gotten into your teletypewriter. As a result the machine had printed out figures and punctuation instead of letters.

"I have a Siemens teletypewriter and have observed the effect of "wrong" shift many times. This particularly happens when I work someone on my ham transmitter who uses a computer for RTTY."

Thank you, Terry Robinson, ANDEX 2581, of Woodend, Victoria, Australia, for solving that riddle for us.

ARGENTINA - RAE's current English schedule as of July 17, 1987:

0200-0300	9690,	11710	NA
0400-0500	9690,	11710	NA
1730-1830	15345		EU/AF
2200-2300	9690,	11710	NA

(WBI 29, 1987)

BOLIVIA - Radio Nueva America, La Paz, has an ID in English at their sign-off at 0358 UTC on 4795 kHz. (Bryan Clark, Talkback via ODXA)

- Radio San Salvador, Totorá, is a new station on 3214.8 kHz heard at 1030 and 2054 to sign-off about 0020. (ODXA)

BRAZIL - Radio Marimoto is a new station in Rondonia State heard June 7 at 0820 on 4915 kHz. The station says they plan to use 5015 with 5 kw. (del Motto, SWL Digest via ODXA)



COSTA RICA - During the recent Costa Rican presidential delegation's trip to Spain, an agreement was signed by the foreign ministers of both countries to establish Radio Internacional de Costa Rica, a radio station that will operate with shortwave equipment donated by the Spanish government. It was initially thought the proposed station would be a relay station of REE; however it is now understood that the proposed station will broadcast its own programs. (WBI 23, 1987)

CUBA - The broadcasting of a special Radio Moscow North American service in English from a medium wave transmitter in Cuba was confirmed on May 31, 1987. It was heard from 1159-2159 UTC on 1040 kHz. The service opened with the Kremlin chimes and the announcement: "This is Moscow (signature tune) - the North American service of Radio Moscow, 1040 on the dial. We broadcast Sundays and every other Saturday from 8 a.m. to 6 p.m. EDT." (WBI 23, 1987)

ECUADOR - Radio Federación has introduced a new frequency of 3360 kHz in parallel with 4960. The new sign off time is around 0300 UTC. (AWR)

- The address of HCRI, Radio Inter-Oceanica, reported on 4840 kHz in the last bulletin, is Apdo. 11294, Quito, Ecuador.

GUATEMALA - A new clandestine shortwave station, operated by the Guatemalan National Revolution Unit (URNG) began broadcasting May 23. The station, La Voz Popular, was heard at 0025 UTC on 6950 kHz, and is on the air every Friday evening. (WBI 22, 1987)

MEXICO - La Voz de American Latina (XEW) has reactivated 6165 and 9515 kHz. Newscasts are from the TV, but most programs are radio-only productions. ID's are "XEW", "La Voz de American Latina," and/or "Televisa Radio." (SPEEDX)

PERU - Radio Onda Popular is a new station scheduled at 2300-0500 on 5273.8 kHz. Several addresses were heard: Jorge Chávez 416 and Alfonso Ugarte 127 and Prolongación 127, all in Bambamarca, Hualgayoc, Cajamarca, Peru. (Gordon Bennett, WDX Contact via ODXA)

WBI - BBC World Broadcast Information. News items credited to the BBC Monitoring Service or World Broadcast Information are copyrighted and may not be reproduced elsewhere without permission from the BBC Monitoring Service.

STATION PROFILE: La Voz de Los Caras

On the Pacific coast of Ecuador there are many beautiful towns. Some have developed into popular vacation resorts. During the hottest season of the year thousands of people escape the weather by spending their vacations on the beach. One of the loveliest resorts is Bahía de Caráquez, situated on a beautiful bay.

In the days prior to the Inca conquest, this part of what is now Ecuador was inhabited by a tribe of Indians known as the Caras. It is this early pre-Inca tribe that gives its name to a

shortwave station that broadcasts from Bahía. La Voz de Los Caras has been on the air since 1946. The studios are located on the first floor of a building on the main street which fronts directly on the Pacific Ocean, with the transmitter and antenna on top of a low hill directly behind.

La Voz de Los Caras operates only on shortwave, using a frequency of 4795 kHz. Their transmitter provides 5 kw of power to the dipole antenna. All programming is in Spanish and includes commercial, cultural and sports content. The station is on the

air daily from 8.00 a.m. until 11.00 p.m. local time (1300-0400 UTC) and is often heard in North America around 0100 UTC.

The station appreciates receiving reception reports. Verification is in the form of a letter and is usually accompanied by a pennant. Reports should be in Spanish and return postage is suggested in the form of unused Ecuadorian stamps. Send your reception report to La Voz de Los Caras, Casilla 608, Bahía de Caráquez, Manabí, Ecuador.

PROFILE: John Adams

A familiar voice to many HCJB listeners is that of PASSPORT host, John Adams. Although John has hosted the program just for the past year he is no stranger on the airwaves from Ecuador.

John, his wife, Carol, and four children arrived in Ecuador in August last year, after acting as HCJB's representative in western Canada (John is a Canuck) since 1980. Prior to then they had lived in Ecuador for five years, during which time John's responsibilities included producing one edition of PASSPORT each week and acting as director of the English Service for some time. John was also responsible for beginning HCJB's popular listener-contact program, SALUDOS AMIGOS, now hosted by Ken MacHarg.

John's cheerful character and frequent wise-cracking are enjoyed throughout the English Service offices. And that cheerful, friendly personality is carried over into his programming.



John's aim for PASSPORT is to have as much variety as possible (in features and in voices) with some spiritual input throughout the program. Carol works as a part-time school nurse at the Alliance Academy school down the road from HCJB, where their four children attend.

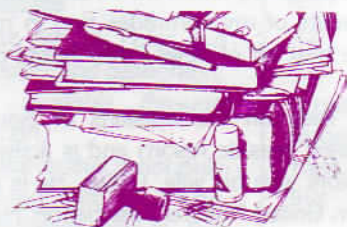
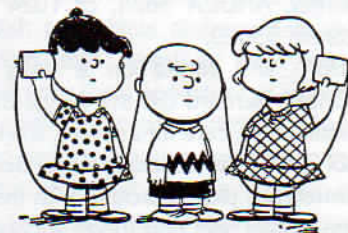
In case you have not guessed from John's on-air comments, he is a sports fanatic. "I'm into all kinds of sports," says John, "but especially baseball and hockey." His favorite baseball team is the Toronto Blue Jays, and the Calgary Flames is the hockey team he supports. John's interest in sports has influenced him in another interest--hat collecting, and in particular baseball-style caps. He currently has 12 caps in his collection.

QX

Answers to your questions about Ecuador, HCJB, technical matters, DXing, etc.

Q: I am 12 years old. Am I the youngest ANDEX member and are there any ANDEXers my age? *Chris Marcello, ANDEX 5950, New York, U.S.A.*

A: Apart from your application forms, we do not keep track of members' ages. At 12 years of age you would certainly be one of our youngest members, Chris. Perhaps other members can help answer Chris' question. If you are 12 years old or younger, please drop us a post card, and we will determine who our youngest member is.



BOOKSHELF

Brazilian SW, MW and FM Stations is available in a new edition from Antonio Ribeiro de Motta, P.O. Box 949-12201, San José dos Campos SP, Brazil. The listing of over 2500 stations costs 8 IRCs. (ODXA)

Ham band listeners may be interested in a booklet detailing over 250 awards available to ham and SWL alike. Send £3, US\$8.00 or 15 IRCs to Sue Squibb, 36 Frognaal Gardens, Teynham, Sittingbourne, Kent ME9 9HU, England. (Practical Wireless, via ODXA)

The 8th edition of **The National Radio Club's AM Radio Log** is now out and contains addresses, names of station personnel, powers, operating times, etc. Price is \$12.95 (U.S.) for U.S. orders, \$13.95 (U.S.) for Canadian orders. Overseas prices are available upon request. Order from the NRC Publication Center, P.O. Box 164, Mannsville, NY 13661, U.S.A.

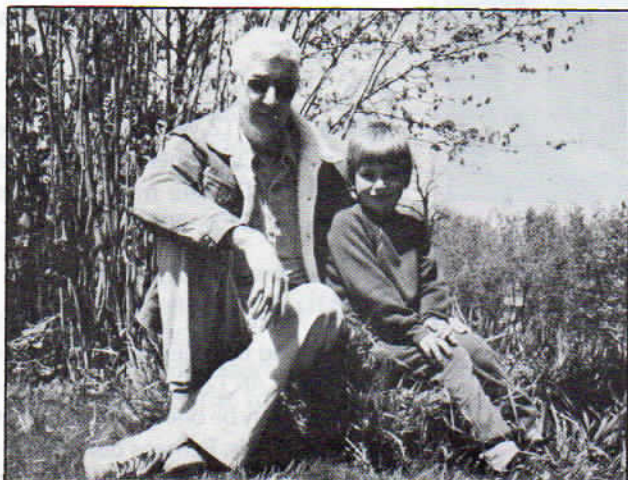
Latin American Stations Heard in Scandinavia (1961-1986)

is a new publication from the Shortwave Bulletin priced at \$4.00 (U.S.) postpaid. Order from John Ewall, P.O. Box 6014, S-60006 Norrköping, Sweden. (Numero Uno, via ODXA)

So You Bought A Shortwave Radio! is the latest book from Gerry L. Dexter. This is a 74-page book written for the person who has bought his first shortwave radio and who wants to figure out shortwave radio. It includes brief descriptions of all the hobby basics, plus brief lists of international shortwave broadcasts, clubs, equipment suppliers and the names of additional reference texts where one can find out more on a variety of specialized topics. The book costs \$6.95 (U.S.) plus \$1.00 shipping within North America from Tiare Publications, P.O. Box 493, Lake Geneva, WI 53147, U.S.A.

Radio Sweden's **DXer's Guide to Computing, Update 3.4** is now available free of charge. It includes a satellite tracking program for the C-64, IBM-PC and Mac, as well as information on operating the FRG-9600 receiver with a C-64. Updates 3.1, 3.2, and 3.3 are still available free of charge and the original Guide Book is for sale for \$3.00 (U.S.) or 7 IRCs. Write to Radio Sweden International, S-10510 Stockholm, Sweden. (ODXA)

Special DXers



Bernard G. Hassemer

A retired secondary school teacher is our Special DXer from the United States of America--Bernard G. Hassemer, ANDEX 5824, of 1024 Anton Road, Hartland, Wisconsin 53029.

Born and raised on a dairy farm in northwestern Wisconsin, Bernard did the things that every other farm kid did--milk cows, care for animals, work in the fields and attend school during the scheduled months. During his spare time, he sometimes played around with the radio. "The building of Galena crystal sets and triode vacuum tube regenerative receivers was popular," Bernard writes. "We knew nothing about QSLing at that time, or other aspects of the DXing hobby. However, I'm certain that the seeds of interest and the fascination with radio communication were firmly fixed by the time I started high school."

At high school Bernard became interested in science, and continued his education in this field, obtaining a B.S. degree in science education. Following two years of military service, he began his teaching career in chemistry and physics.

During the past couple of years Bernard has turned to radio listening again. He uses a Kenwood R-2000 receiver, a long-wire antenna in the backyard, and a directional loop antenna for broadcast band listening. He also has a CB base station and plans to move into amateur radio as time allows.

Bernard finished his 32 year teaching career in June, and is now working as a chemist in a local chemical company. He hopes this will allow more time to devote to DXing and other radio-related studies. Other interests include first day postal covers (U.S.) and reading related to the U.S. Civil War era (1860s).

Bernard believes the first station he received a QSL from was HCJB in the late 1950s. "It served as a bookmark for many years and was lost in the shuffle of life's other paperwork," he says. He has now started collecting QSLs from broadcast and shortwave stations "in a more organized fashion," and has verified 140 broadcast and 40 shortwave stations to date.

Thank you, Bernard, for sharing with us about yourself and your hobby. We wish you well in your new venture, and



Ron Montague

Journalist Ron Montague, ANDEX 5784, of Benfleet, Essex, England, has been "knob-twiddling" around the shortwave bands since he was a schoolboy in the 1930s.

During World War II Ron was a flyer in the Royal Air Force based in Sri Lanka (then Ceylon). When he was not airborne he was able to pursue his hobby on high-powered radio equipment in the base control tower. With an antenna slung between two palm trees he could pick up stations all round the world. One night he stumbled on a news flash saying the war was to end the next day. He ran to a nearby building where a camp concert was in progress, and went on stage to announce the news. "The cheers of my comrades ring in my ears to this day. It was the best bit of news I ever heard on shortwave," writes Ron.

Ron, 65, lives on the outskirts of Southend-on-Sea (London's nearest seaside resort) and is actively involved in local church work with his wife, Gillian. He is also chairman of the Southern United Nations Association. He is a semi-retired reporter for an Essex local paper, the Thurrock Gazette. "I was fully retired until the news editor called me on my first day off to ask me to come back part-time," writes Ron. "Now I'm doing two days a week. I think it was something to do with the way I made the tea for the newsroom."

Included in Ron's listening equipment is a 1954 Cossor 5-valve radio in a polished walnut veneer cabinet, which still brings in HCJB loud and clear. Other sets are transistors--a Vega VEF 205, an Alba 1050, a Sony ICF-1200 and a Realistic DX-360. He has logged 90 stations in 71 countries and has received QSL cards from 67 of them.

Congratulations, Ron, on being chosen our Special DXer. If fellow-ANDEXers would like to send their greetings to Ron, his address is 39 Orchill Drive, Benfleet, Essex SS7 2LS, England.

hope that it will allow you to spend more time listening on the shortwave bands. Incidentally, the younger gentleman in Bernard's photo is his 5-year-old grandson, Joshua, who, according to Bernard, is beginning to wonder about the "magic" of shortwave transmission.

Cuenca: City of Four Rivers

The city of Cuenca lies about 400 kms south of Quito, in the province of Azuay. It is the nation's third largest city and is culturally and commercially important. Four rivers surround Cuenca--Tarquí, Yanuncay, Tomibamba and Machángara--adding to the city's unusual beauty. Women lay out their washing to dry on the banks of the Tomibamba, providing a kaleidoscope of color.

Today's Cuencaños, and indeed all the people of Azuay Province, are descendents of the indigenous Cañaris who inhabited the territory more than 400 years before the discovery by Columbus and the conquest of Pizarro. The Cañaris were of peaceful nature, never causing conflicts with their neighbors. When the Inca conquest took place, the famous emperor Tupac Yupanqui dominated the Cañaris through alliances, and they in turn collaborated in his march to Quito. As a result of the mutual affection between the Incas and Cañaris, Tupac Yupanqui established the city of Tomibamba, where the

royal court remained for long periods. In a short time the language of the Cañaris was substituted by Quechua.

In the early 16th century the area attracted the Spaniards with its favorable climate, and on April 12, 1557, they established the city of Cuenca. From its beginning the seal of the city has read "Primeros Dios y Después Voz" or "God First, You, the City of Cuenca, Next."

Today Cuenca is an exceptionally attractive city. It has a strong Spanish flavor, with narrow cobblestone streets and colonial buildings nestled among modern structures. Industry in the city began many years ago with the manufacturing of the famous straw hats erroneously called "Panama Hats." This product was the main source of Cuenca's income for many years. Industries today include textiles, tire manufacturing, porcelain, steel and aluminium.

Cuenca is also the heart of the craft trade in Ecuador. Jewelry making is a very popular craft in the city, with beautiful objects of gold and silver being produced. Marble extraction is another activity of the region. Ironwork is a testimony of the ability of the craftsmen of Cuenca. Many examples of this craft are beautifully portrayed on lampstands, gates, and intricate balconies. Other crafts include ceramics, figure carving, embroidery, and dressmaking and tailoring.

With such an abundance of crafts available, it is no wonder that tourism is an important industry in Cuenca. However, it is not just the crafts that draw tourists to this city, but the buildings, the beautiful surroundings and the friendly inhabitants.

Adapted from THIS IS ECUADOR, a weekly program about Ecuador that can be heard in Europe on Fridays, 2145 UTC, in North America on Saturdays, 0130 and 0600 UTC, and in the South Pacific on Sundays, 0945 UTC.



Cuenca

SPONSORSHIP UPDATE

Excuse me, but you have fully forgotten about people in Eastern Europe. Tell me how we could pay the membership fees in any shortwave club. We can't get International Reply Coupons or any other western currency at all. In Eastern Europe it is quite impossible to get any western currency at our state bank. Please help me. How can I join your ANDEX club?

It was letters like that from a listener in Czechoslovakia that prompted us to initiate a sponsorship program whereby ANDEX members could sponsor a person in the Eastern Bloc who wanted to join the club. The response has been encouraging. To date we have 14 members who have agreed to sponsor 21 such memberships.

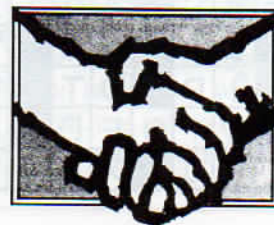
The following is a list of members who have contributed to the sponsorship program:

Harry Alexander, ANDEX 4082, Waretown, New Jersey, U.S.A.
Paul Simon Bailey, ANDEX 5743, Hobart, Tasmania, Australia
John F. Church, ANDEX 4565, Pointe Claire, Quebec, Canada (2)
Alfred J. Gruhler, ANDEX 5171, Pleasantville, New York, U.S.A.
Bernard G. Hassemer, ANDEX 5824, Hartland, Wisconsin, U.S.A.
Mel Hickman, ANDEX 3131, Portland, Oregon, U.S.A.

James Kline, ANDEX 5821, Santa Monica, California, U.S.A. (2)
Nathan M. Lesiuk, ANDEX 5460, Bellingham, Washington, U.S.A.
William J. Plum, ANDEX 4502, Flemington, New Jersey, U.S.A.
Nigel Reid, ANDEX 5384, London, England (2)
Ray Simonson, ANDEX 3629, Gresham, Oregon, U.S.A.
Rene Valladares, ANDEX 5458, New York, New York, U.S.A. (5)
Jim Wake, ANDEX 4348, London, Ontario, Canada
Philip Wright, ANDEX 4677, Lynn Lake, Manitoba, Canada

On behalf of our East European listeners, ANDEX would like to express our sincere thanks to these members. They will soon be receiving the name and address of the member they are sponsoring.

If others would like to participate in this program, we would like to hear from you.



CLASSIFIEDS

FOR SALE: IRCs

As a special service to ANDEX members, we are able to offer packs of 10 International Reply Coupons for \$5.50 (U.S.) post-paid. There is a limit of five packs per person, and they will only be available as long as stocks last. Send your check or money order (NO CASH) to HCJB, Casilla 691, Quito, Ecuador, specifying that the money is for IRC purchases.



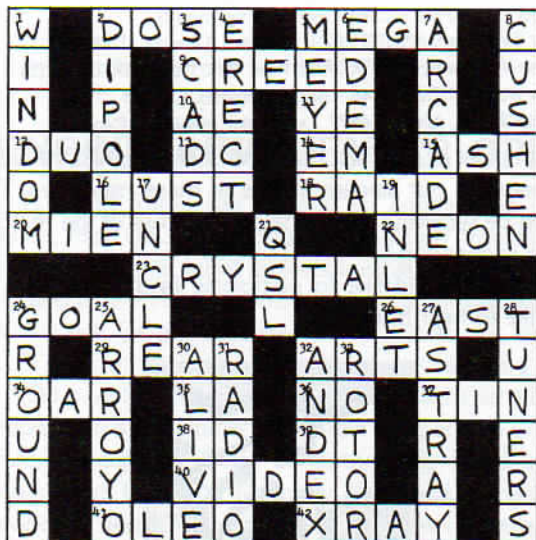
LAVERN R. STIVER - 2150 Kensington Drive, Dayton, OH 45406, U.S.A. - ANDEX 5633 - Hobbies are making rugs, raising poodles, listening to good music, reading and pen pals.

K. RAM KUMAR - C-19 A.G.'s Office Colony, Nanganallore, Madras 600061, INDIA - ANDEX 5806 - 29 years old - Hobbies include DXing, philately, view cards, music of all countries - Would like to correspond in English with pen pals from all parts of the world.

PAUL HICKEY - 4 Archill Road, Loughlinstown, Co. Dublin, IRELAND - ANDEX 5911 - 22 years old - Interests are SWling, current affairs, reading, music, cycling, walking, learning German - Would like pen pals from Canada, Australia, Germany and England.

LES MORRIS, III - 3760 Squirewood, Clemmons, NC 27012-8550, U.S.A. - ANDEX 5523 - 16 years old - Hobbies include languages, swimming, cycling, flying, art, and DXing - Speaks Spanish and English.

Answer to last months puzzle



FEEs FOR ANDEX MEMBERSHIP MAY BE PAID IN THE CURRENCY OF THE COUNTRIES BELOW BY SENDING TO THE ADDRESS GIVEN:

AUSTRALIA	\$7.00	HCJB-ANDEX, GPO Box 691, Melbourne, Vic 3001, Australia
CANADA	\$8.00	HCJB-ANDEX, 2110 Argentia Rd., Mississauga, Ontario, Canada L5N 2K7
FINLAND	FIM 35 to the bank	Send fee to: Radio HCJB, Helsingin Sp/Helsingfors Sb, 405506-09630716. Send application form to: Radio HCJB, PL-101, 15111 Lahti, Finland
ITALY	L8.500	HCJB-ANDEX, Via Cavallotti, 16, 41043 Formigine (Modena), Italy
JAMAICA	J\$25	HCJB-ANDEX, Jamaica Office, P.O. Box 31, Kingston 6, Jamaica
NEW ZEALAND	\$12.50	HCJB-ANDEX, P.O. Box 82-296, Highland Park, Auckland, New Zealand
SWEDEN	Equivalent of \$5.50 USA dollars	Fees to: Postgiro 68 06 80-6 OR to Bank giro 332-4407. Send application form to: Radio HCJB, Box 110, 542 01 Mariestad. Check the current exchange at your bank to determine the fee.
SWITZERLAND	Fr. 15	Send Fees through the postal system to: Radio HCJB-Schweizer Arbeitszweig, Mannedorf, P.C. Glarus 87-3468. Send application form to: Radio HCJB-Schweizer Arbeitszweig, Postf. 119, 8708 Mannedorf.
UNITED KINGDOM	4 pounds 50 pence	HCJB-ANDEX, 131 Grattan Rd., Bradford, West Yorkshire, England, BD1 2HS. OR send to Post Office giro account 64 472 4404 by using a transfer form from a members Girobank account or using the "Transcash" service available at all post offices in the U.K.
U.S.A.	\$5.50	HCJB-ANDEX, P.O. Box 553000, Opa Locka (Miami), Florida 33055-0401
WEST GERMANY	DM 15	Margot Stegmüller, Hebelstr. 32, D-6908 Wiesloch, Federal Republic of Germany
AFRICAN COUNTRIES:		The applicant must send something ANDEX can redeem for at least \$3.00 (U.S.A.), such as stamps or currency of the country.

If you live anywhere else, remit \$5.50 (U.S.A. dollars) to: HCJB-ANDEX, P.O. Box 553000, Opa Locka (Miami) Florida 33055-0401.

European members who do not have a local office can use the United Kingdom post office giro account by sending the equivalent of four pounds and fifty pence.



ANDEX International



is the official bi-monthly publication of Andes DXers International, a DX Club operated in conjunction with DX Partyline broadcast over Radio Station HCJB and sponsored by the World Radio Missionary Fellowship, Inc.

ANDEX Interim Director - Brent Allred
 DX Partyline Host - John Beck
 ADDRESS MAIL (NO funds) to: ANDEX International,
 Casilla 691, Quito, Ecuador