

ANDEX



INTERNATIONAL

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REDISCOVERING THE AMAZON RIVER

by Jorge Zambrano

A very strong group of adventurers made up of men of various countries and under the captainship of a valiant Spaniard, Vital Alsar, is retracing the steps and voyages of the famed "Conquistador" Francisco de Orellana, who, 436 years ago, made this same trip initially and became the discoverer of the mighty Amazon River.

It takes a lot of fortitude to make this kind of dream come to pass. Orellana left the city of Guayaquil in Ecuador more than four hundred years ago right after he had founded this Ecuadorian port, at the invitation of his relative and friend, Gonzalo Pizarro, who at that time was governor of Quito. Pizarro wanted Orellana to join him in an expedition to the "Cinnamon Country" which, according to the aborigines was located east of the Andes mountains.

Vital Alsar and his group are re-enacting this epic adventure staying as close as possible to the historical evidence and itinerary traveled by Pizarro and Orellana. In fact, twenty-two men are seeking to complete the trip that will take them by boat on the Napo river, then to the Amazon, out to the Atlantic Ocean and on to Spain. This is in contrast to the more than four thousand Quito Indians who accompanied the original expeditionaries and marked with their dead bodies the road to the discovery of the Amazon River. Ecuadorians say that such a road is a symbol of their territorial rights and the evidence of the glory and honor of Quito.

The question to ask first then is who is this guy Vital Alsar anyway, that is virtually throwing himself and his men into the ocean in unstable

THE HOME OF THE QUAD

Many of you have written in and asked if it is true that the Cubical Quad was actually designed at HCJB.

HCJB began as a very small station on Christmas Day, 1931, with only 200 watts of power. The power during the thirties was increased to 5,000 watts. In 1940, a new 10,000 watt transmitter was fed to a new rotary beam antenna and tested on the twenty-five meter band.

The excellent reception reports were offset by the great balls of fire which fell from the sky! At night the people passing by the station could see a round ball like glow at the ends of the antenna elements. The noise was frightening to the indians. This corona effect was caused by the high voltage at the ends of the elements in the high altitude. Moreover, the antenna was literally melting under the intense heat. HCJB engineers placed copper balls on the ends of the antenna elements. This eliminated the corona effect during the dry season, but at the same time created a mismatch in the antenna.

HCJB's engineer who designed the new transmitter took a vacation down on the coast of Ecuador. Clarence Moore devoted himself to sincere prayer and careful study of a new antenna that would solve these problems. He wanted an antenna which had no ends, a low angle of radiation, high gain, and an excellent front to back ratio.

The Cubical Quad as we know it today was designed and constructed by HCJB engineers.

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REDISCOVERING *continued from page 1*

rafts. Is it only for the sake of adventure? One of the books written by Vital Alsar is entitled "Impossible . . . Why?" He declares, "I have been an adventurer ever since I was born. Life itself is a beautiful adventure. I have absorbed much pain. I live today, not the future. I really don't know if I will ever make another trip such as this one. This is why I am only concerned about finishing this one. Any idea that comes to my mind goes through a similiar adventure. But this kind of adventure is cautious and calculated as opposed to others that are crazy, selfish and basically ignorant." Everyone, according to Vital Alsar, lives his own adventure. Most of the elements that make up Vital Alsar's personality are admirable. I myself have tried to take on similar adventures, but they have never been any longer than two weeks. The rediscoverers of the mighty Amazon will be on the road (literally) eight months, perhaps longer.

There is one point in which Alsar and I differ. He does not know about this difference, but I share it with you because I think it is most important. Contrary to what he says about the future, I have taken care of my future by committing my life to Jesus Christ. He is my personal Saviour. He helps me daily to enjoy a beautiful TODAY. Now, how about you my friend? Do you think about the future in terms of your spiritual life?

THE CUBICAL QUAD *continued from page 1*

A parasitic element or reflector was added to the antenna and it was used by HCJB from 1945 to 1953. The Quad was later replaced by the Curtain Array. Today, the Steerable Antenna is under development.

In recent years, HCJB used a Quad of Quads on thirteen meters at 21.460 Mhz. This twenty-four element quad has six elements to the boom. It has a twenty-three DB forward gain, and a power gain of 100. At 50kw R. F. this gives you an effective radiated power of five megawatts! The Quad of Quads is no longer in use at HCJB, although one of our engineers, Herb Kinard (HCIKH) has it ready to go on the fifteen meter ham band!

For more information write for your free copy of "Short Wave Antenna Systems".

FREE TIME CONVERTER

HCJB
SLIDE-O-RULE
TIME
CONVERTER

QUITO	TIME	GMT	YOUR TIME
7:00	p.m.	0000	8:00 a.m.
8:00	p.m.	0100	9:00 a.m.
9:00	p.m.	0200	10:00 a.m.
10:00	p.m.	0300	11:00 a.m.
11:00	p.m.	0400	12:00 Noon
12:00	Mid.	0500	1:00 p.m.
1:00	a.m.	0600	2:00 p.m.
2:00	a.m.	0700	3:00 p.m.
3:00	a.m.	0800	4:00 p.m.
4:00	a.m.	0900	5:00 p.m.
5:00	a.m.	1000	6:00 p.m.
6:00	a.m.	1100	7:00 p.m.
7:00	a.m.	1200	8:00 p.m.
8:00	a.m.	1300	9:00 p.m.
9:00	a.m.	1400	10:00 p.m.
10:00	a.m.	1500	11:00 p.m.
11:00	a.m.	1600	12:00 Mid.
12:00	Noon	1700	1:00 a.m.
1:00	p.m.	1800	2:00 a.m.
2:00	p.m.	1900	3:00 a.m.
3:00	p.m.	2000	4:00 a.m.
4:00	p.m.	2100	5:00 a.m.
5:00	p.m.	2200	6:00 a.m.
6:00	p.m.	2300	7:00 a.m.

Instructions: Slide the inside table until your area appears in the small window. Your local time will then be listed in the long slot as it corresponds with Greenwich Mean Time and Quito time. You may need to consult the left hand column of the inside table, or a world map, to determine which area corresponds to your time zone. All calculated times are standard time. Add one hour when Daylight Saving Time is in effect. You may draw hands on the first clock and fill in the blank underneath, indicating your local time at midnight GMT.

Original design, Jim Robertson

Time Converter

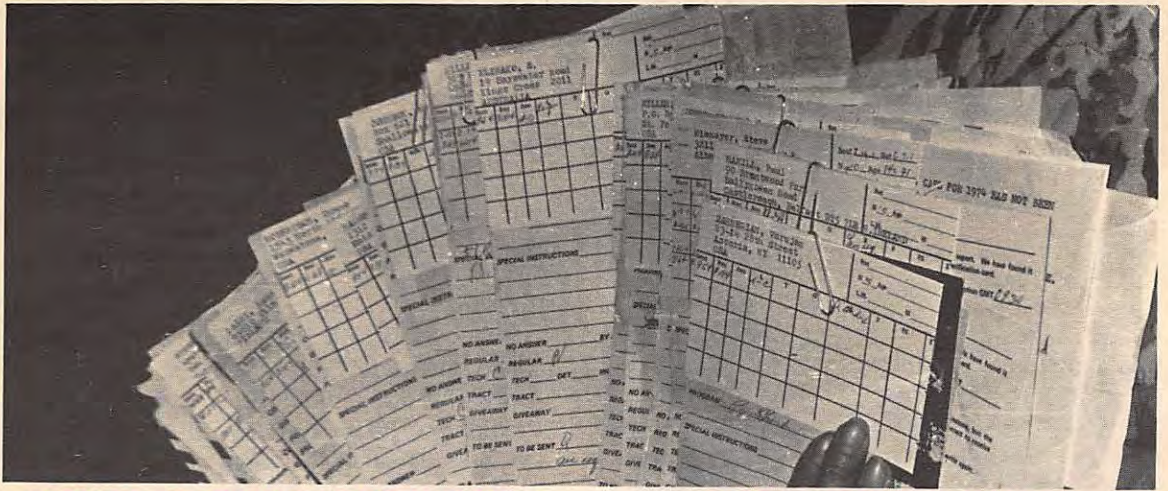
You can receive absolutely free the HCJB SLIDE-O-RULE TIME CONVERTER! It is yours compliments of ANDEX. Write to ANDEX, Casilla 691, Quito, Ecuador and request it. We'll be looking for your letter in the mail soon.

ANDEX International -

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Address all mail to: ANDEX International
Casilla 691
Quito, Ecuador



YOUR ANDEX LETTER

by Doris Hastings

I am your ANDEX letter. Do you know that when I arrived at Box 691 in Quito, Ecuador I was one out of 169,816 letters which came to HCJB from 131 different countries?

I think you should know how they handled me here. They put me in a special box. I was taken to the English Correspondence Division main office and cut open, unfolded, ticketed, stapled and labeled, reunited with my writer's past history and finally clipped.

Then I was grabbed and whisked off down the hall to a little office. I was separated for special handling, since you're a member of ANDEX. Next I found myself in the ANDEX office, where two eyes studied and analyzed me, and decided how to respond. (They call it "reading"). Before I knew it I was back in the main office, where my ticket was read, and whatever I asked for was prepared. Then the "stuffings" were filed for the monthly ANDEX mailing.

As for me, the fun just began. I was put in the "In Basket", taken out and put in the "Out Basket", then put in a pile on the floor. (The easier to sort, they say). Then the most exciting thing happened to me. I was read on a program that goes out over the air to all parts of the world. You, my writer, heard me and were proud.

By this time I was getting tired and spent. Everyone knew that it was best that I soon retire. I was put to rest in the "Done" drawer, happy and satisfied with the extensive, individual attention they gave me at HCJB.

THE REAL THING

I was walking along the beautiful, sunny studded beach in Balboa, Canal Zone. An antiquated sign greeted me. I said, "Old fishermen never die—they only smell that way!"

That probably best describes false Christianity. "It never dies; it only smells that way."

If your life is one that reflects veritable Christianity, then you are making people either bitter or better. Yes, People will never remain the same if you are living Christ. There is a radical change in the life style of a believer. That changed life leaves an unforgettable impression upon everyone that it encounters.

It is through the lives of "born again" believers in Christ that the Lord God spreads the fragrance of the knowledge of Christ everywhere. The Apostle Paul said, "For we are the aroma of Christ to God among those who are being saved and among those who are perishing, to one a fragrance from death to death, to the other a fragrance from life to life" (II Cor. 2:15,16).

That "unforgettable impression" is like a strikingly beautiful woman entering a room wearing Channel #5. As she passes through the room, she leaves behind her a lingering fragrance. Every man in that room takes note of it, consciously or unconsciously. Years later, when he smells that fragrance he will immediately imagine that beautiful woman. She has become unforgettable because of that fragrance.

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DX-ER OF THE MONTH



Michael Stevenson

Mr. Michael Stevenson is our DX-er of the Month.

Michael lives in Harden, Australia and is ANDEX member 273. He is an electronics serviceman and repairs electronic equipment, electrical household appliances, radios, televisions, and HI-FI equipment.

The shack contains a Drake R-4C with a Codar PR-40 preselector. His antenna is a closed loop dual inverted "L" twenty feet long, sloping over a height of twenty feet to thirty feet strung NE to SW. Another antenna is a longwire thirty feet high strung North to South.

Michael's listening habits range from two to five hours per day. He notes that about two hours are spent listening to HCJB every night and some mornings.

The first station which he heard was Radio Nederland, followed by HCJB and Radio Canada.

Future plans for the shack include a digital frequency readout receiver by Drake.

Michael already has sixty-one countries verified out of 112 stations verified. He has received 363 QSL cards and thirty-three pennants and two flags.

Michael was born on May 10, 1954, and "born again" in March 1973.

DX THEME MUSIC

The theme music which we have used on the DX Party Line for many years continues to bring frequent questions from listeners. It is a portion of the London Suite, written in 1933 by Eric Coates, England's leading composer of "light classics".

Eric Coates was born in England on August 27, 1886. As a child he studied both violin and composition. In 1906 he won a scholarship at the Royal Academy of Music in London where he studied viola. After travelling with several quartets he was appointed first viola in the Queen's Hall Orchestra, a post he held for a number of years. The later years of his life were dedicated to composing. He died in 1957.

The London Suite, one of his most popular works, is regarded as a masterly miniature travelogue. The suite is about 15 minutes in length and is divided into 3 sections. First a picture is painted of Covent Garden, the site of a former convent, where since 1732, a series of theaters has stood. In more recent years this has been the opera house where the greatest singers of the world have performed. The second portion portrays a picture of Westminster, the government section of London, and the familiar sound of "Big Ben" can be heard chiming the hour. The third part, from which our theme is taken, is the popular "Knightsbridge March" -- which is neither pompous nor circumstantial, neither sylvan nor mystic, but which somehow seems to contain the very quintessence of Britain across the centuries.

The performance we use is played by Morton Gould and his orchestra and taken from an RCA LP recording. Several listeners have told us that this music was used during World War II by the BBC as the theme for one of their popular programs, so is very familiar to those who lived through the London blitzes.

The Real Thing continued from page 3

Yes, "There is something about authentic Christianity when it is encountered that leaves an unforgettable impression," writes Ray Stedman.

Do you as a believer in Christ leave an unforgettable impression or the smell of dead fish?