

ANDEX



INTERNATIONAL

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WELCOME FROM OUR PRESIDENT



Dear ANDEX Member:

From high in the Andes at HCJB I send you this cordial greeting. We're proud to have you among our listeners. We feel honored to have you as a member of the ANDEX Club.

It encourages us to have this close connection with DXers all over the world. You are a special group of people characterized by a spirit of friendliness and service.

At HCJB we are at your orders — "a sus ordenes" as our Ecuadorian friends would say. We have two themes or slogans we use frequently:

DXing HIGHLIGHTS

To every DXer there come moments of excitement. Experiences that are never forgotten. Perhaps it is the moment when that rare station he has been looking for over a period of many months finally fades in strong and clear just at the moment when the identification is given. Or it could be hearing that elusive 100th country. Maybe when he checked through the morning mail, there was the QSL from that station that never sends QSLs. Have you had a moment like that? We think other ANDEX members would like to hear about it. Write up your most exciting time as a DXer and send it to us. We will include some of these DXing highlights in future issues of ANDEX International.

Let me start this series by relating the most exciting moment I ever had as a DXer. It also became the most important DXing experience of my life. Back in high school and college days I had been active as a ham radio operator and had done some DXing on a home-made regenerative receiver. Listening in those days was practically limited to the BBC, Germany, Australia and New Zealand. I had heard that there was a missionary radio

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Heralding Christ Jesus' Blessings

and

To the glory of God and for the
service of Ecuador and the world.

More than ever we desire to live up to those high goals. God bless you!

Very cordially yours,

Abe C. Van Der Puy
President. WRMF

DXer OF THE MONTH



James W. Young

This month's award goes to James W. Young, an astronomer from Wrightwood, California. James has been interested in shortwave radio for 20 years so qualifies as a veteran DXer. He first heard HCJB in 1958, more than 15 years ago. Other interests include photography, astronomy and stamp collecting.

Mr. Young's receiving equipment includes two Hammarlund receivers, an HQ-100AC and an HQ-180AC, an antenna tuner and a preselector. Several antennas are available including inverted vee's, long wire and a folded dipole. A 100/10 kHz crystal calibrator makes accurate frequency checks possible. For ham activity, a Drake 2-NT cw transmitter with an MN-4 antenna matching network can also be seen in the picture of James' radio shack.

Most listening is done between 0000 and 0600 GMT with an average of 3 to 5 hours a day. James also serves as an official HCJB Monitor and provides valuable information to our engineering staff.

ANDEX International —

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English Program Director — Ben Cummings

ANDEX Executive Director — Clayton Howard

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Casilla 691

Quito, Ecuador

Our congratulations to James W. Young on being chosen as the DXer of the Month by ANDEX. He will receive an attractive certificate in recognition of this honor. —

REAL LOVE

February is the month when love is in the thoughts of many. On the 14th we celebrate Valentine's Day, the day on which it has become a custom to send greetings and love tokens. But what is this love that we talk about? Love means many things to many people. The Apostle John, in one of his letters, tells us very clearly what real love is.

"Dear friends, let us practice loving each other, for love comes from God and those who are loving and kind show that they are the children of God, and that they are getting to know him better. But if a person isn't loving and kind, it shows that he doesn't know God — for God is love.

"God showed how much he loved us by sending his only Son into this wicked world to bring to us eternal life through his death. In this act we see what real love is; it is not our love for God, but his love for us when he sent his Son to satisfy God's anger against our sins.

"Dear friends, since God loved us as much as that, we surely ought to love each other too. For though we have never yet seen God, when we love each other God lives in us and his love within us grows ever stronger. And he has put his own Holy Spirit into our hearts as a proof to us that we are living with him and he with us. And furthermore, we have seen with our own eyes and now tell all the world that God sent his Son to be their Savior. Anyone who believes and says that Jesus is the Son of God has God living in him, and he is living with God.

"We know how much God loves us because we have felt his love and because we believe him when he tells us that he loves us dearly. God is love, and anyone who lives in love is living with God and God is living in him. And as we live with Christ, our love grows more perfect and complete; so we will not be ashamed and embarrassed at the day of judgment, but can face him with confidence and joy, because he loves us and we love him too.

"We need have no fear of someone who loves us perfectly; his perfect love for us eliminates all dread of what he might do to us. If we are afraid, it is for fear of what he might do to us, and shows that we are not fully convinced that he really loves us. So you see, our love for him comes as a result of his loving us first.

"If anyone says 'I love God,' but keeps on hating his brother, he is a liar; for if he doesn't love his brother who is right there in front of him, how can he love God whom he has never seen? And God himself has said that one must love not only God, but his brother too."

(Living Bible - I John 4:9-16)

If you will accept by faith God's love gift to you, his Son who came to this world and died for your sins, then you will know real love in your heart and life. You will experience the real joy that only the love of God can give you.

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station in South America but I didn't know the name "HCJB" or the country where it was located.

A few months after graduating from Wheaton College, I received a call from the head of the Physics Dept. The President of the College, Dr. V. R. Edman, was a former missionary in Ecuador. He had just received word from HCJB in Quito that a new 10,000-watt transmitter was to be inaugurated on Easter Sunday. Reception reports were very much desired. I'll never forget the excitement as I listened to HCJB that Sunday afternoon. Never before had I heard a station in South America and reception was strong and crystal clear. I knew then that it was possible to combine my interest in radio with that of missionary work. It was possible to serve God as a radio engineer.

In a little over a year I found myself in Quito working as an engineer with HCJB. Yes, that was the most important DXing experience in my life. Now, we'll be looking forward to receiving your letter telling us about your highlight in DXing.

Clayton Howard
Clayton Howard - ANDEX Director

He who loves wisdom loves his own best interest and will be a success. (Prov. 19:8 - *Living Bible*)

MEET THE ENGINEERS



HCJB Engineering Staff

It takes a group of dedicated engineers to keep a complex of radio stations such as HCJB operating efficiently. Most of these engineers are pictured above. They come to us from 3 countries, The United States, Canada and Northern Ireland. Included in this group are men with training and experience in just about every phase of radio engineering and who are qualified to handle the many responsibilities at HCJB.

Engineers live and serve at four different locations in Ecuador; in Quito where our studios are located, in Pifo at our transmitter and antenna site, in Papallacta with our hydro-electric power plant, and in Guayaquil where HCJB-2 Stereo reaches listeners in Ecuador's largest city with about 1,000,000 population.

Engineers serve in a wide variety of capacities from designing and constructing new equipment to installation and maintenance of facilities in current use. They study propagation conditions in order to effectively plan future schedules and frequencies to best serve our listeners. A knowledge of civil engineering is also put to use in construction of buildings, towers, etc. A good group of national technicians help in each phase of the engineering work.

We want you to meet each of these engineers so we will be introducing one each month in future issues of ANDEX International. You will learn more about the background and experience of each man as well as just where he fits into the picture of HCJB. This radio station is on the air to serve our listeners and each engineer has a vital part in making the overall ministry as effective as it should be.

RADIO RIO AMAZONAS



Jivaro Announcer – Felipe Sando

It may surprise you to know that the announcer in the picture above is a full-blooded Jivaro Indian. At one time these Jívaros, who make their home in the jungles of Eastern Ecuador, were known around the world as head-hunters. The heads of enemies killed in battle were shrunk to the size of a man's fist and kept as trophies by the killers. Now Radio Río Amazonas operates at Macuma in the heart of Jivaro territory.

About 30 years ago Macuma was founded as a base by the Gospel Missionary Union in an effort to reach the Jívaros with the Gospel of Jesus Christ. In recent years radio has been added and many of these Indians listen in their simple, jungle homes.

HCGM-7 operates on 4.870 MHz with a 5-kilowatt transmitter constructed by Mission Engineering in Cedar Rapids, Iowa. The antenna is an omnidirectional type designed to concentrate the signal only to the local area. Reception outside the local jungle area is not anticipated or desired.

The three major languages of this area are used on the following schedule: Spanish 2000-2200 GMT, Jivaro 1115-1215 and 2200-2300, Quechua 1045-1115 and 2300-2330. On Sundays an additional Spanish program is carried from 1200-1300. All programs are of a cultural or religious nature.

Two small studios operate from one control room. Equipment includes 2 turntables, 2 Ampex and 1 Crown tape recorders, a cartridge tape machine plus several portable cassette recorders. RCA and Shure microphones are used.

Broadcast hours at HCGM-7 are currently limited due to the high cost of operating the diesel power plant. A hydro-electric plant is under construction with completion anticipated around the end of 1974. At that time program hours will be expanded with operation at least up to 0230 GMT. Also under construction is a micro-wave link to Tena, about 94 miles away, and the largest city in the area. This will make possible the transmission of many programs directly from a remote studio in that city.

HCGM-7 desires to serve the southeastern jungle area of Ecuador. It does not seek listeners or reception reports from other areas. Personnel and finances are very limited. However, they will send a letter of verification to reception reports received, as soon as possible. Reports may be in either English or Spanish. Stamps should be sent to cover return postage. Send your letters to – Jim Hedlund, Casilla 7, Shell, Pastaza, Ecuador.



HCGM-7 Studio-Transmitter Building

Listen to DX Party Line, and invite your friends to tune in. Now heard 3 times each week on HCJB.

For South Pacific: Monday – Thursday – Saturday
0930 GMT 31 m - 9.745 mHz,
49 m - 6.080 mHz

For Europe: Monday – Thursday – Saturday
1930 GMT 19 m - 15.300 mHz,
25 m - 11.945 mHz,
31 m - 9.635 mHz,

For North America: Monday 10:00 PM EST
(Tuesday 0300 GMT)
Thursday 11:00 PM EST
(Friday 0400 GMT)
Saturday 9:30 PM EST
(Sunday 0230 GMT)
25 m - 11.915 mHz, 31 m - 9.560 mHz