

# ANDEX



## INTERNATIONAL

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### LA VOZ DEL TRIUNFO



*José Miguel Delgado – sports director*

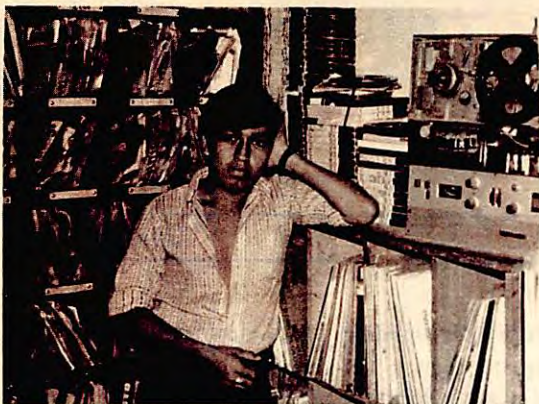
Among the more commonly reported stations from Ecuador is Radio Zaracay, located in the booming town of Santo Domingo de los Colorados. This town is almost due west from Quito and is on the main highway between Quito and Guayaquil, the major port of Ecuador. Due to the mountainous terrain between Quito and Santo Domingo, it takes about three hours to drive the 75 miles. The contrasts between the two cities are tremendous. Quito is over 9,000 feet above sea level, while Santo Domingo is only 1,500 feet in altitude. Quito is cool the year around, but Santo Domingo is warm and tropical. It is from this area that many of the best bananas, oranges, avocados, and other fruit are shipped to all of Ecuador and other parts of the world.

In addition to Radio Zaracay, operating on 3390 kHz with 5 kilowatts of power, there is another shortwave station in Santo Domingo which is not as well known. This station is called La Voz del Triunfo but on most of their programs they simply use the name, Radio Triunfo or Triumph Radio. Their studios are located on the second

floor of a building which is situated on the main square, right in the center of the city. The station is easy to locate when driving through the town because of the large sign on the building which says 'Radio Triunfo.' The official call letters of the station are HCRT1. The same call letters are used for both their medium-wave and shortwave outlets.

The Triumph Radio studios are quite simple and occupy two small rooms. On entering, the first room is a small office and leads to a second room used as studio, control room, and record library. There is a simple mixer panel, two turntables, and two home-type tape recorders. All the programming is in the Spanish language and the large majority of it is of the disc jockey type with musical numbers interspersed with announcements and commercials. They also have some cultural programs, news, and sports events. In fact, at 0300 GMT they rebroadcast the Spanish newscast from HCJB in Quito.

Two frequencies are utilized by Radio Triunfo. Both are carried by transmitters which were constructed locally by the station director, Sr. Manuel Yanez. Incidentally, his son, Edison Yanez, also works at the station as an announcer. Edison was the one with whom we talked on a recent visit to Santo Domingo and who showed us around the facilities. On the medium-wave frequency of 1260 kHz the transmitter has a power output of about three kilowatts. The shortwave frequency of 2340 kHz, in the 120-meter band, has an output of approximately one kilowatt. With locally made transmitters of this type it is not always possible to determine the exact power actually reaching the antennas. The two transmitters and associated antennas are located about seven kilometers north of the city on the main highway to the coastal city of Esmeraldas. The two antennas are of a simple horizontal type.



*Announcer Edison Yanez*

Programs are on the air from Radio Triunfo from 1100 hours until 0500 hours GMT daily. The same programs are carried on both frequencies simultaneously. However, the shortwave outlet is only on the air from 2100 to 0300 GMT each day.

Radio Triunfo has received many letters from DXers outside of Ecuador reporting reception of the station. They are eager to hear from distant listeners and say they reply to all such letters and even send a station pennant to those who write. We would recommend that all reports be sent in the Spanish language as they do not have English-speaking personnel. It would also be a good idea to send along something to help defray the return postage even though they did not say this was necessary. Address all reception reports to Radio Triunfo, Casilla 43, Santo Domingo de los Colorados, Provincia de Pichincha, Ecuador. Since this is the only station in Ecuador currently operating in the 120-meter band it should be an interesting catch. We wish you good luck as you hunt for this station and hope you will soon have their verification on your wall.

#### **ANDEX International —**

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Address all mail to: ANDEX International  
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## **TRUE HAPPINESS**

### *Part 2*

There is great emotional satisfaction in relating to God as our Father.

Because of this divine love we can become the children of God. "As many as received Him to them He gave the right to become children of God, even to those who believe in His name" (John 1:12). Just think of it! God loves you. He wants you to become one of His children by faith in His Son, Jesus Christ.

Jesus said, "For God so loved the world (place your own name there), that He gave His only begotten Son, that whoever (that means you) believes in Him should not perish, but have eternal life" (John 3:16).

Our greatest sense of belongingness is found in the feeling of parental acceptance. "He (the Father) has made us accepted in the beloved (Christ)" (Ephesians 1:6). We can do absolutely nothing to earn that acceptance.

God wants to call us His sons. The very moment we confess to Him that we are sinners, and believe that Jesus Christ died in our place on the cross, and then confess Him before men, He adopts us into His family. When we take that step we know that we are somebody to God; we have been redeemed from being a nobody! God has no unwanted children!

How do we receive the feeling of belongingness? Where does the feeling come from?

The feelings are a byproduct. They come when we put the knowledge into action and walk by faith. **FACTS + FAITH = FEELINGS.** The very moment you believe on Jesus Christ as your personal Savior you will receive that sense of belongingness and worthiness. If you already know Jesus Christ as your Savior that sense of belongingness is always there as long as you are seeking first the Kingdom of God and His righteousness.

Please allow me to encourage you to take a few moments right now and confess to God that you are a sinner. Believe that Jesus Christ died for your sins on the cross and rose from the dead.

The Bible says, "That if you confess with your mouth Jesus as Lord, and believe in your heart that God raised Him from the dead, you shall be saved; for with the heart man believes, resulting in righteousness, and with the mouth he confesses, resulting in salvation . . . for whoever will call upon the name of the Lord will be saved" (Romans 10:9, 10, 13).

## DXER OF THE MONTH



### *Dr. French tunes the world*

Our DXer of the Month for February has had a long experience with shortwave radio. This began in 1938 when he was just a boy. He has only recently joined ANDEX and is member 2669. This is the only DX club of which he is a member. Dr. Dana H. French lives in Fitchburg, Massachusetts. For a number of years he was on the staff of the world-famous school, the Massachusetts Institute of Technology. For many years this has been known as probably the best technical school in the world. Dana's scientific interests and abilities were put to good use at this institute. Poor health has forced him to retire recently from his teaching at MIT.

In addition to shortwave listening, Dana has been active as a ham radio operator for a number of years. He has held the following amateur radio calls: K6VEB, K1CVC, K2KCM, K1WKS, W6SGM, and is now licensed as W1HZI. In the picture can be seen some of his ham radio equipment as well as his shortwave listening facilities. He has recently added a Yaesu FRG-7 receiver to that shown in the photo. Other equipment that helps with DXing includes a Yaesu 24-hour clock, a frequency standard, and a cassette recorder. Dana can be congratulated on his excellent receiv-

ing facilities. For an antenna he uses a Japanese active-type antenna. This is an RAK Listener number 7 which consists of a vertical rod, one meter long, mounted on a base which contains a high-gain amplifier. The antenna is mounted fifteen meters above ground. He has had very good results with this small antenna system.

Due to his poor health, Dana spends a good deal of time resting in bed. His shortwave radio is turned on most of the hours when he is able to be up and around. He averages about eight hours a day with his receiver. His usual hours of listening are between 0800 and 1300 and again from 1900 to 0100 GMT. Surprisingly, in spite of his long-standing interest in shortwave radio, the first time he heard HCJB was about six months ago!

Dana also enjoys reading and listening to good music on his FM radio. Another interesting hobby has been to help other ham operators design and construct top-quality antennas to improve their signals around the world. It would seem that most of his life has been lived in close contact with shortwave radio in one form or another. Our congratulations to Dr. Dana H. French on being chosen ANDEX DXer of the Month. His certificate will be one more to add to the others already gracing the wall above his radio equipment.

## NEW ASSIGNMENT FOR OLD TRANSMITTER

Valuable improvements don't always carry a high price tag. This is true regarding a project Eric Moore with some of the other engineers is working on just now. With the installation on Mount Pichincha of the medium wave transmitter to serve our local Spanish audience, the 50KW transmitter in Pifo previously used for medium wave transmission was made available for another assignment.

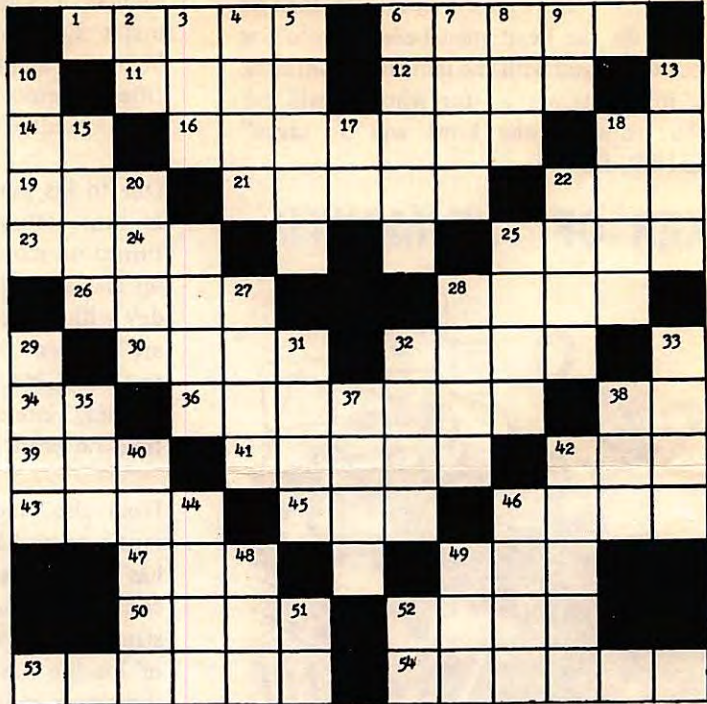
The three components of this transmitter: power supply, modulator and radio frequency unit will be retained as a standby for the Pichincha setup. To put it to the best use when not needed as a standby the engineers are building a second and alternate radio frequency unit for it, designed to operate on 49 meters. This, when connected to the power supply and modulator previously used for medium wave, gives us a 50KW transmitter to broadcast to our regional Spanish and Quechua audience (Colombia, Peru, Ecuador) on 49 meters.

## DX - WORD PUZZLE No. 5

**Vertical**

- 2 - Belgian prefix
- 3 - Voice of America
- 4 - Famous volcano
- 5 - Tropical fish
- 6 - A blunder
- 7 - Outer covering
- 8 - Winglike part
- 9 - Interval signal
- 10 - Ecuadorian station
- 13 - Liberian station
- 15 - Organized trip
- 17 - Printer's measure
- 18 - Relaxation
- 20 - A bad child
- 22 - To move abruptly
- 24 - Dock
- 25 - To liquify
- 27 - A requisite
- 28 - Type of curve
- 29 - San Francisco station
- 31 - Saliva
- 32 - Manufactured
- 33 - Family radio
- 35 - A sphere
- 37 - Directional antenna
- 38 - Girl's name
- 40 - Helped
- 42 - Egg shaped
- 44 - To rescue
- 46 - Gem stone
- 48 - To desire
- 49 - Japanese coin
- 51 - New Testament
- 52 - Spanish yes

*Solution next month*



**Horizontal**

- 1 - To crave
- 6 - Intellectual capacity
- 11 - Short letter
- 12 - Lubricates
- 14 - Connecticut
- 16 - Long wire
- 18 - Elevated railway
- 19 - Task
- 21 - Ready for battle
- 22 - Part of mouth
- 23 - Kind of gun
- 25 - Flat-topped hill
- 26 - Pour
- 30 - Golf pegs
- 32 - White liquid
- 34 - Leave
- 36 - Plant again
- 38 - Possessive pronoun
- 39 - Period of time
- 41 - Rectifier
- 42 - Stupid person
- 43 - Wading bird
- 45 - Part of foot
- 46 - Above
- 47 - 24 hours
- 49 - A mineral spring
- 50 - Flat
- 52 - Chair
- 53 - Zealous
- 54 - Estuaries

The regional antenna has been redesigned so that with the 50KW transmitter we will get the same coverage we had with the 100 KW transmitter previously used for 49 meters. The large transmitter will be free for other use.

The new radio frequency unit being built and the antenna changes will cost between three and five thousand dollars. Thus, for this relatively small expenditure we gain a 100 KW transmitter

and a standby for the medium wave transmitter. It is as though we were to purchase two new transmitters worth several hundred thousand dollars for less than five thousand!

Under the Lord's guidance and in his goodness our equipment here at HCJB often behaves like the oil in the widow's cruse. It often lasts much longer than would be normal, or, as in this case, our engineers find ways to multiply its usefulness.