



CLIMBING CHIMBORAZO



Chimborazo, a mountain climber's challenge

Chimborazo is Ecuador's highest mountain. Only about 100 miles south of the equator, it rises to an altitude of 20,571 feet above sea level. Although so near the equator, it is covered with eternal snow. Mountain climbers have always been challenged by the many snow peaks in Ecuador, but Chimborazo has remained the supreme test of skill. In recent years it has been conquered by many climbers, including some of the HCJB staff. Even high-school students have reached the top. However, it was just 100 years ago that Chimborazo was defeated for the first time. The famous English climber, Edward Whymper, sailed for Ecuador toward the end of 1879. After several months of exploration, he finally succeeded in reaching the summit of Chimborazo in early 1880.

Rather than tell of the exploits of Whymper, let us give you part of the actual account of a recent climb made by Patrick J. Sullivan, an American who climbed on Chimborazo during the final days of 1976. Here are his actual words.

"I am a licensed physician in the USA who came

to Ecuador to climb the big volcanoes with seven friends from Colorado. We are all moderately experienced alpine climbers. We were greatly aided by friends in Quito with whom we stayed. These friends had climbed Chimborazo in the past.

"Four of our party left Quito on December 29 and drove a four-wheel-drive vehicle to a spot on the ridge west of the refuge. Four of our friends from Quito were with us. They went on to the refuge to climb to the summit the next day. We four Americans camped by the car and climbed to the Japanese encampment at 17,500 feet on December 30. We met our friends coming down. Three of the four had made it to the summit.

"We awoke at midnight and left at 2:30 A.M. on December 31, roped and wearing crampons. The weather was not bad and visibility was not a problem. We rounded the corner at the red wall under the large icicles with great caution. About thirty to forty-five minutes later, as we were climbing, we were aware of a solo climber. He soon passed us on our left as we went up the steep icy glacier. We remarked on his speed and strength.

"At about 20,000 feet I became exhausted. I asked to be unroped and told my group to go on since it seemed they were close to the top. Within minutes I began getting very cold and felt it unwise to remain inactive. At that very moment I saw Peter Pestel, the lone climber, talking with the three remaining members of my group. They later told me he had made the summit, by his account, and was on the way down.

"I waited until he came down to me and asked him to accompany me since he appeared very strong. He agreed. When I met him he was not

wearing crampons, but I was. Pestel slipped some but did not put on crampons. I don't know if he had any with him. When we got to the base of the red wall he turned to me and said, 'This is very icy.' He then stepped on the ice at the head of a ravine, slipped, lost his balance, and began to slide on his back down the ice, hitting several small rocks. He was never able to use his ice ax and began to gain speed. He soon became airborne and slammed into a huge boulder about 350 feet from where he slipped. His body then careened to the left and out of sight.

"I carefully made my way down the ravine. I soon discovered his body and confirmed that he was dead. I looked for some identification but could find none. I was too exhausted to remember anything about his equipment. I climbed back out of the ravine and onto the main snow field. Because of my mental and physical fatigue, and the lowering clouds, I became confused but eventually found our camp and went to sleep. At about 2:30 P.M. my climbing companions arrived and I told them about the accident. We arrived back in Quito about noon of the next day, January 1, 1977, and reported the accident the same afternoon. A search party was in the process of being organized by late afternoon."

Many people have reached the summit of Chimborazo since that first climb by Whymper, 100 years ago. A smaller number have met their death on these snowy slopes as did Peter Pestel. Mountain climbing has always had its tales of victory and triumph as well as its tragedies. But as long as majestic mountains, such as Chimborazo, stand, people will continue to test their strength and endurance against them!

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TRACTOR FOR HYDRO

It weighs 36,000 pounds and it took ten months to raise the funds to buy it! However, the members of Grace Baptist Church in Santa Maria, California, managed to accomplish the task and purchased the huge tractor for HCJB. When Pastor Jack Lockhart, of Grace Baptist Church, made his plea to residents of the Santa Maria area, he may not have believed that the big Cat D-6 would become a reality. However, the tractor, fully paid for with \$65,000 worth of contributions plus \$10,000 for transportation, recently arrived in Ecuador.

For many years HCJB has operated its own Hydroelectric plant near the town of Papallacta, on the eastern slopes of the Andes. Producing nearly two megawatts of electrical power, the old plant has served faithfully and well. It was recently given a thorough overhaul and is now running better than ever. However, to meet the needs of future plans, more power is going to be needed. A decision was made recently to go ahead with plans to add a second power unit at the present hydroelectric site. An order is being placed with a manufacturer in Norway to build a turbine and generator combination to meet the specific needs and situation here in Ecuador. The generator will provide something over four megawatts which will satisfy the needs for the foreseeable future.

Building a new hydroelectric plant involves many factors that may not be apparent to the average person. To provide sufficient water to operate the plant, a dam will be built across the river. The tractor was needed urgently to help with this big job and to open up a new access road to the construction site. It will also help in setting up power poles for the necessary high-tension power lines.

As an added bonus, Phil and Shirley Sievert, members of Grace Baptist, were recently commissioned for short-term missionary service with HCJB. Phil has had more than thirty years of experience in heavy-equipment operation and will drive the Cat D-6 during the construction work. His wife will also serve in various other capacities as needed. Phil and Shirley arrived in Ecuador in early March.

Originally, Pastor Lockhart and his wife visited Ecuador and were given a tour of the various HCJB facilities. It was at that time that they be-

HISTORY OF RADIO

By Kenneth Vito Zichi

Part 6

This time let's look at the developments in both domestic and foreign broadcasting during the early 1940s. Prior to World War II there was really no comprehensive international broadcasting service from any nation in the world. That tragic portion of the twentieth century, however, was the biggest boon shortwave broadcasting ever saw.

The great depression of the thirties brought people to their radios as a source of entertainment, and the war brought them to their radios in order to keep abreast of the volatile world situation. The effects of the war on domestic broadcasting in the United States are well documented, and, indeed, still within the range of living memory. Many ANDEX members will easily remember listening to the radio on a certain Sunday morning in 1941 and hearing the shocking news that Pearl Harbor had been attacked.

On the international front there were also profound changes in radio broadcasting. In the days before the war the only nations involved with shortwave broadcasting were those with overseas territories or a large number of citizens living abroad. The desire to shape the opinions of foreign people and their governments, as well as maintain active communication links with areas occupied, became of vital importance. As would be expected, the less than friendly atmosphere led to some problems with sending programs across international boundaries. In fact, jamming was first used during the hostilities when Germany tried to block broadcasts intended for German audiences from foreign broadcasters. At the same time, Germany also introduced a far different practice on the shortwave bands known as propaganda. This was to expand even further during the "cold war" which followed World War II.

Perhaps the greatest effect the war had on broadcasting, though, was the change in attitude toward the medium which it fostered. Rather than the hesitation and desire to hold back radio that was present following World War I, the new spirit was one of getting together and figuring out how to best use radio. To this end a World Administrative Radio Conference was held in Atlantic City, New Jersey, in 1947. This was only a year after the end

came aware of the need of a large tractor for the hydroelectric project. On their return to California they launched the drive that brought the results already mentioned. Our sincere thanks to Pastor Lockhart and the members of Grace Baptist Church of Santa Maria, California, for your tremendous contribution to the work of HCJB!

HERE'S A TIP

Let me give you a real tip! I've found something that money can't buy and I want to share it with you.

I've usually been content with my life. But one day I was brought face-to-face with a serious matter. It was a simple statement from the Bible: "He that believes on the Son has everlasting life; and he that believes not the Son shall not see life, but the wrath of God abides on him" (John 3:36).

I had always felt that I was a decent sort of person, and that when I died, God would give me a place in Heaven. But this new truth was shocking! Certain sins began to stand out in my mind and I knew that I had not been forgiven.

But, in reading the Bible, I came across some marvelous promises: "God commends His love towards us in that, while we were yet sinners, Christ died for us" (Romans 5:8). And these words: "As many as received Him, to them gave He power to become the children of God, even to them that believe on His name" (John 1:12). When I understood that Jesus died for me, I received Him as my Lord and Saviour. And as His Word promised, God forgave my sins and gave me eternal life.

Now here's my tip to you. You, too, can receive Christ. Your sins can be forgiven and you can have eternal life.

Why not start reading the Gospel of John today? In it you will discover how Jesus Christ died for your sins and rose from the grave. During April we have celebrated Easter. The resurrection of Jesus Christ is what Easter is all about. He rose from the dead in order to offer you salvation. If you could work a million years you'd never be able to buy this wonderful new life that God wants to give you! Receive Him today!

of World War II. Unfortunately, while the attitude toward radio had changed greatly, the attitude toward regulation stayed much the same. This will be given more consideration in the next installment of this interesting series.

From American Shortwave Listeners Club
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DXer OF THE MONTH



Ernest Vella enjoys many hours like this

Down through the many years of recorded history, the island of Malta has held an important place. Because of its strategic location, at the geographical center of the Mediterranean Sea, it has attracted successive waves of invaders. These have included Phoenicians, Greeks, Carthaginians, Romans, Byzantines, Arabs, Normans, French, and finally the British. In 1814 Malta became a British colony. The island was granted self-government in 1962 and became an independent state under the British crown on September 21, 1964.

Malta is a very small country with about 122 square miles of area and a population of less than 350,000 people. It also includes several other nearby islands. Because of its strategic position, Malta served as a major military base during both world wars. Although attacked repeatedly by the enemy, it was never conquered.

Malta is a place of great historical interest. Many tourists visit the island during the winter months. The limestone caverns of Malta have yielded much material that has helped to reconstruct the past. These same caverns helped the residents to survive

the many bombing raids during recent wars. Malta also has an important place in Biblical history. It was on this island that the apostle Paul was shipwrecked on his voyage to Rome. This exciting story can be read in Acts, chapter 27, of the Bible. In fact, there is still a spot on Malta called St. Paul's Bay where this shipwreck is said to have taken place. St. Paul's picture appears on some of the early postage stamps issued by Malta.

Ernest Vella is privileged to live on this historic island and we have chosen him as this month's DXer. Ernest works for the government and still finds time for several hours of shortwave listening each day. He uses two receivers. One is a Lafayette HE-30 and the other a Grundig T-3088. His antenna is an "L" shaped random wire strung outdoors. He uses both reel-to-reel and cassette tape recorders. A copy of the World Radio TV Handbook also comes in very handy. Most of his shortwave listening is done between the hours of 1900 and 2200 GMT.

Ernest has been involved in the shortwave hobby for about ten years. The first time he heard HCJB was back in November of 1971. He joined ANDEX about three years ago and received membership No. 2522. He has also joined the clubs sponsored by a number of other international broadcasters. Being a collector at heart, he has accumulated many stamps, pennants, postcards, stickers, and badges.

We are happy to introduce Ernest Vella to the rest of our ANDEX membership. Good success, Ernest, in all of your activities during the coming months!

CARTOON CORNER



I was aiming to be a professional DXer until I found out there was no profit in it!