

# ANDEX



## INTERNATIONAL

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### MEET THE STAFF



*Richard Lemon works on a script*

Anyone who has listened to HCJB's English-language programs during recent months will be very familiar with the voice of Richard Lemon. He has an important part on many broadcasts. These include *Happiness Is*, *Musical Mailbag*, *Morning in the Mountains*, and some newscasts. He also co-hosts the *Southern Cross Salute* with Charles Gray. Richard also prepares the *Science Digest* feature carried on *Passport*. More recently he has started a new program that is receiving a great deal of favorable response from listeners. This is called *The Heavens Declare* and permits Richard to use his deep interest in astronomy to provide the background for a very fascinating broadcast. Beginning this month, Richard Lemon adds to his responsibilities at HCJB by taking over as Director of the English Language Service. John Adams, who has been serving in this capacity, will be leaving for a few months of furlough in the United States and Canada. Richard's many abilities make him an ideal candidate to take over this position.

Richard can be recognized on the air by his excellent diction and New Zealand accent. However, he

was not born in New Zealand. He actually started his life in England, where his family lived, near the town of Hastings. In 1948 he moved, with his family, to New Zealand and very interestingly, they settled in Hastings. This is a city on the eastern coast of the north island. The area is known as the fruit bowl of New Zealand as it supplies much of the delicious fruit for the country. Richard received most of his education in Hastings.

For some twenty-two years Richard was involved in the banking profession. He worked in various capacities in several banks with the final seven years in public relations and marketing. It was also through his contacts in banking that he met his wife, Diane. She was working in a different bank and her specialty was computer accounting. This training has made her very helpful at HCJB since we use computer contacts between our Quito office and the mission headquarters in Florida. Richard and Diane have three children, all boys. Peter, Andrew, and Philip are busily engaged in their studies at the Alliance Academy, an excellent school situated right next door to the HCJB studios and offices.

Richard heard about HCJB through some meetings at the Brethren Assembly he attended. Harry Yeoman, a member of the HCJB staff and also from New Zealand, spoke at the services. Through this contact Richard became vitally interested in the work of HCJB. In 1975 he took on the responsibility of being an HCJB representative for his area in New Zealand. In 1975 he also came to Quito to attend an International Conference of HCJB Representatives. This very naturally increased his involvement in the work as he saw for himself the various ministries in action. In April of 1978 he left New Zealand again. This time his

family accompanied him as he spent some eight months in Costa Rica in concentrated study of the Spanish language. The Lemons arrived in Quito in December of 1978, and have been busily engaged in their various activities ever since.

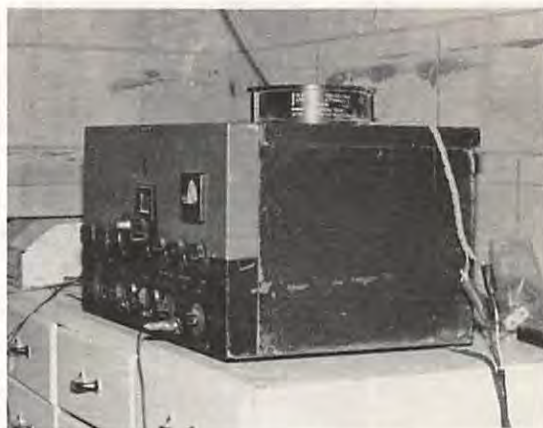
When asked about his hobbies, Richard listed model railroading as number one. He also enjoys fishing. Trout fishing with dry flies is his specialty. We have already mentioned his deep interest in amateur astronomy. And he is also a talented artist and cartoonist.

Richard and Diane Lemon have made a tremendous contribution during the few months they have been in Quito. We look forward to even greater things as Richard assumes his new position as director of the English Language Service.

## 11-METER TESTS

How much power does a radio transmitter need to reach its audience? This is a difficult question to answer. There are so many factors involved that no specific answer can be given. We are living in a day when most international shortwave broadcasters are seeking to increase their power and 500-kilowatt transmitters are common place. At the same time, radio amateurs are still talking with each other over long distances with only a few watts of power. In fact, many hams like to intentionally reduce their power to an extremely low value just to prove what they can do. This is known as QRP operation.

HCJB has recently inaugurated a low-powered service on 26,020 kHz, in the 11-meter band. This is an experimental frequency and is not listed in our program schedules. Nor is it mentioned in our sta-



*Old ham transmitter used on 11 meters*  
tion identifications. A variety of programs is carried on this frequency. Many of the programs are in English. The transmitter operates continuously around the clock.

The transmitter used for this unusual service is an old Johnson Viking II which is capable of about 100-watts output. This particular model was a very popular amateur transmitter about thirty years ago when hams used AM for their contacts rather than SSB. During the first few months of these experiments the antenna was a simple dipole about thirty feet in the air and running from east to west. This has now been changed to a five-element quad antenna which gives an improvement in effective power in the direction the beam is pointed. The new antenna is rotated during the day to give best reception in the area of the world where predictions indicate propagation will be optimum. John Stanley, of our HCJB engineering staff, conceived the idea of putting this old transmitter to use in this novel way. The small transmitter is installed in a little storeroom. It makes quite a contrast to the equipment operating in the main transmitter room, which houses the 50 and 100-kW transmitters!

The 11-meter band is not as crowded as the lower-frequency bands. After trying a frequency of 26,000 kHz, a shift was made to the present frequency of 26,020 where we have encountered no interference. This frequency should make an interesting challenge for DXers who want to look for a low-powered station. One of the first reports received was from that well-known DXer, Arthur Cushen, of New Zealand. Since then reports have been received from many parts of the world. Take a look for this new frequency and send us your reception report. We'll be looking for it!

### ANDEX International—

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## DXer OF THE MONTH



Walter with his RF-2800

This month we would like to have our DXer introduce himself. His name is Walter Dittrich and here is what he has to say about his involvement in DXing. "I have decided to put in my bid for the DXer of the Month contest. I am enclosing a black-and-white photo of myself with my receiving equipment. I live in Shalimar, Florida. This is a beautiful area in the northwest part of the Florida panhandle. The fishing here is great! Shalimar is situated right on Choctawhatchee Bay and is just a few miles from the Gulf of Mexico which provides some of the best fishing in the world. We have hot days in the summer but it can get quite cold during the winter season. I am a fourteen-year-old student and my shortwave listening and your fine broadcasts have added much to my education.

"I began DXing in October of 1977. HCJB was the first station I ever heard on shortwave and it was also my first verified station. At that time I used a GE ten-band portable receiver. Since then I have purchased a Panasonic RF-2800 portable radio and a Mizuho SX-59 preselector. My antenna is a random wire about twenty meters in length. With this arrangement I have heard 178 stations in 119 countries. I have verified 120 stations in 86 countries. Some of my best QSL cards are those from Nicaragua, Tahiti, Papua New Guinea, Granada, Mauritania, and Togo. I have done some listening to stations in South America. From Ecuador I have heard Radio Quito, HD210A (the standard time station), Radio Zaracay, and La Voz de Galapagos. These stations are in addition to HCJB, of course.

"I am a member of several shortwave clubs as well as ANDEX. These include: Radio Prague Monitors Club, American Shortwave Listeners Club, North American Short Wave Association, Canadian International DX Club, World Shortwave Listeners Club, and Newark News Radio Club. I hope that HCJB will continue to inform the uninformed about God's Word."

Walter joined ANDEX the same month he became interested in DXing, October 1977. At that time he was only twelve years of age, and one of our younger members. His ANDEX number is 2730. He spends one to two hours a day with his RF-2800, mostly between 0200 and 0400 GMT. We can certainly congratulate Walter for the excellent results he has obtained during the past two-and-a-half years using relatively simple equipment. It also speaks well of the digital-readout Panasonic RF-2800 receiver. In some parts of the world this set is sold as the DR-28. This radio, one of several fine receivers that have recently appeared on the market, is reasonably priced for the shortwave listener with limited income.

Shalimar, Florida, appears to be a good location for deep-sea fishing as well as for DX fishing on the shortwave bands. As one who is interested in sports, Walter Dittrich has taken advantage of both activities. We wish him continued success during the coming years.

## CARTOON CORNER



"Alfred was never any good in a crisis!"

## DX IN YOUR CAR

Summer is on its way for DXers in the Northern Hemisphere. For many this will mean more traveling and vacations. Have you ever wondered about DXing while driving along the highway? Many have, but automobile radios with shortwave bands are very few and far between as well as very expensive. Jeff White, of Schaumburg, Illinois, says he has found a solution to this problem. "For years I have been trying to find a decent system for listening to shortwave in my car. I've tried hooking up receivers under the dash, but it never seemed to work out well. Finally, I've found an answer.

"I purchased a Grundig KWV-1000 car-radio shortwave converter. It is not a shortwave radio itself, but is a converter that allows the car's medium-wave receiver to tune the shortwave bands. The unit is very small and easily fits under the dash. On the front panel are eleven push buttons to permit selection of the ten major shortwave bands, from thirteen to ninety meters. The extra button is an off position for medium-wave reception. All you do to operate the machine is push the appropriate band button and tune through that band on the AM radio's tuning dial. Obviously, there is no shortwave calibration, but what more do you really need while driving?

"The KWV-1000 is no real DX machine, but it is not bad for use while driving. The sensitivity is better than I expected it to be. Selectivity is not too bad, either. Installation is quite simple. I am not at all electronically inclined but I had it all figured out and operating in a few hours. Complete instructions come with each unit.

"All in all, I am very pleased with the performance of the KWV-1000 and I would recommend it highly. Every serious shortwave listener who does a lot of driving ought to have a shortwave converter. That way you do not have to miss any of your favorite programs!"

Another very similar shortwave converter is also available. This is the Becker Reims shortwave adapter, model 10. One of these has given quite good results over a period of several years in Ecuador. If you are going on a vacation trip and don't

want to carry a big receiver with you, why not consider one of these converters. You can listen, not only while driving along the highway, but also while the car is parked for the night. It may be difficult for you to locate a dealer who carries either of these converters so here are two addresses where you can get further information.

Becker Autoradio U.S.A., Inc.  
613-19 S. Twenty-fourth Street  
Philadelphia, PA 19146  
U.S.A.

Radios International  
P.O. Box 6053  
Richardson, TX 75080  
U.S.A.

## SCIENCE SPEAKS

"At a time when science is generally respected and even feared, Christians are sometimes led to feel insecure in their Christian experience because the principles of Christianity cannot be subjected to experimental study. Since the truths of the Christian position cannot be verified 'scientifically' a defensive attitude is often assumed. At the same time, many who are not Christians use the unscientific nature of Christian evidence as a foundation for unbelief.

"In my opinion, both of these efforts are unbecoming to thoughtful persons. The Bible clearly teaches that Christian experience and the 'new birth' are based upon faith in the power of God. The words 'believe,' 'accept,' and 'receive' are found throughout Scripture, while 'faith' has such a prominent position that the word in this country has become almost synonymous with Christianity. God does not ask for brilliant theory nor for masterful experimentation. He asks for faith like the faith of a small child. And He accepts all who believe in the person and work of His Son, our Lord Jesus Christ."

The preceding words were written by a well-known physiologist, Dr. John R. Brobeck, Ph.D., M.D. At the time he wrote this he was Professor and Chairman of the Department of Physiology, School of Medicine, University of Pennsylvania, Philadelphia, Pennsylvania. Read it over again and give serious consideration to what Dr. Brobeck has to say to you.

