

# LATEST NEWS FROM CUBAN OFFICIAL

WE are in receipt of a further letter from Richard F. Rabio (DX 120 O), Cuban Representative of the N.Z. DX Club, giving the latest station news from his part of the world. All times are given in Eastern Standard Time (U.S.A.) which is the official time for Cuba.

He writes:—  
"With the approach of autumn, dxing conditions have improved a little, especially at night-time, with peak reception after midnight. During daytime no great progress can be made. The 20-metre band seems to be the best, providing good signals after midnight. Paris Mondiale seems to be the best in the 25 metres, rolling in at R9. 40 metres CW is fairly good, also the 75-metre phone. My best log last month was VR6AY. We have had plenty of rain and storms, and we were nearly struck by the cyclone, which destroyed many towns in Connecticut, U.S.A.

"The following are the 'hams' heard during last month: VK3PE, VK8ZX, VK4BB, VK4JU, VK4TH,

VK4VD, VK5TR, J5CC, J7CR, ZS6AJ, ZS6ED, ZS5AW, VS2AL, PK2WL, PK1VY, PA0MZ, XZ2DX, VU2LL, XU6TL, KA1JZ, KA1FH, KA1ZL, ON4BG, G3DO, G5GS, K6FAR, K6KGA, W2IXY, VP3AA, PY1RF, CE1AO, CE3BK, YV1AP, YV5ABY, HC1JW, LU4PB, LU4FG and XE1GF.

"COCO, Cuba, is roaming around apparently looking for a definite channel. Last week they were on 9.98 m.c., and this week they have been on 9.695 m.c. Two new Cuban stations will open soon: one at Santa Clara, owned and operated by Manuel Alvarez. The other at Holguin, and is testing on 6195 k.c. at night time.

"LRA, Argentine, 'Radio del Estado' is using the call LRA1. They sent a special programme for America on September 2 at 4.30 p.m.

"Radio Sofia, at Sofia, Bulgaria, which used to be on 14,918 is testing on 8,445 k.c. around 5.00 p.m.

"Radio Suomi at Lahti, Finland, is on 11,785 k.c., using the call OFE. Heard at 4.57 p.m. with

announcements in Finnish and Swedish. Reports are welcomed by the Finnish Broadcasting Company, Helsinki, Finland.

"Station SBF at Motala, Sweden, is heard here Wednesday and Saturday evenings from 8.00 to 9.00 p.m. on a frequency of 11,700 k.c., where it is heterodyned by IP5A of Panama. Those who are not looking for programme value but enough data to send a report, will be sure to hear the opening announcement which is the only occasion when English is heard. Correct reports are welcome, and must be sent to Motala Rundradio-station, Motala, Sweden.

"TIGPI at San Jose, Costa Rica, on 5825 k.c., is heard now from 7.00 to 9.00 a.m. in addition to their regular schedule. Station TI4NRH at Heredia, Costa Rica, on 9,670 k.c., is heard as late as 11.30 p.m. talking to his happy owner Amando Cespedes Marin, who is in U.S.A. The station is operated by Cespedes's son Amandito, who is very well acquainted among the Latin American 'hams.' "Station COKG, Emisoras Grau at Santiago de Cuba, Oriente, Cuba, request reports on their transmission on 8,920 k.c. (33.50 m.) and promise to reply promptly. QRA: P.O. Box 137, Santiago de Cuba, Oriente, Cuba."

ate playback, as they are so easily damaged, and a special type of aluminium disc with a coating of cellulose material is, therefore, used.

NOW that Nottingham has its own studio it is understood that the BBC is turning its attention to the erection of a 5-k.w. transmitter to serve Notts, Lincolnshire and East Anglia generally. The original intention as to erect a relay station at Norwich, but the projected station will probably be further inland. Search for a suitable site may begin in the autumn, and by the summer of 1939, work should have begun on the station.

THE City of Leeds School for Blind and Deaf has recently been equipped with a special system of hearing aid. The chief feature of this apparatus is that the children live in a complete "sound" atmosphere while using it. Each of the twelve children wear specially constructed adjustable-reed type headphones with, on the table around which they sit, a microphone by means of which they can hear their own and other children's voices.

AN experimental one-metre wireless telephone connection between Eindhoven and Tilburg has been installed by Philips in collaboration with the Dutch National Post, Telephone and Telegraph Service. The Yagi type of aerial, which has an amplification of 3.5

compared with a single dipole, is used for the transmitters and receivers at both ends. The aerials, consisting of a number of parallel rods set up in one plane, include an energised radiator, a reflector and a series of directors.

It has been found by experiment that, when working on such a short wavelength, an imaginary line drawn between the transmitting and receiving aerials must be 10 metres above the tops of the trees and buildings in its path. Triode transmitters and autodyne superhet receivers are used at both stations.

THE intricate organisation at modern marine airports is illustrated by the fact that Imperial Airways has installed ultra-short-wave apparatus on the launches which act as tenders to their flying boats at the shore control stations in order to send last-minute instructions to the tenders when at a distance from the shore. Echo-sounding apparatus is also installed on some of the motor launches to facilitate the location of submerged obstructions when patrolling waters prior to the alighting of a flying boat.

HERR HITLER, determined to increase the number of registered listeners in Austria (now standing at 600,000), has ordered that all listeners whose income is below a certain level shall be exempt from radio taxation.

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## From The Mailbag

A £5,000 endowment from a large benevolent society in Denmark has provided for the inauguration of a research laboratory, which will conduct scientific investigations into all matters concerned with electro-acoustics, sound-proofing, studio technique, and so on. The new research body will be a branch of the Telephone and Telegraph Laboratory of the Copenhagen Technical College.

TWO methods of recording, disc and steel tape, are employed in the latest recording car of E.I.A.R., the Italian broadcasting organisation. Although pure wax discs are the ideal for quality reproduction they are not suitable for immedi-

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