

Baltimore, followed immediately after by WJZ, New York. Again at 7.30 I heard the same thing. WJZ's announcer then gave a talk on generators, batteries and oscillators, after which he remarked: "We will continue with this test programme of Victor Orthophonic Recordings." At 7.40 p.m. I became suspicious of a third station on this frequency and at 7.45 my suspicions were verified when I heard the call KVI, Tacoma. The 1930 "Guide" gives the frequency of WBAL as 1060 k.c. (283 metres) and of KVI as 920 k.c. (326 metres), so both stations must have changed their frequency. I tuned in to the other stranger on 950 k.c. (316 metres) at 8.58 p.m. on March 5 and was just in time to hear the call KJR, Seattle. My first week's use of a Beverage aerial has resulted in my logging ten new Americans. Among them, KGJF, Los Angeles (100 watts) was at good strength. I also picked up the

Tulsa, Oklahoma, station on 1115 k.c. (269 metres), but a New Zealand station came on the air and blotted them out before I could get call. N.B.: Frequencies mentioned above are dial readings and are approximately 15 k.c. below the stations' frequency.—"Seven Kicker" (Okoroire Springs).

[According to the latest Call Book, WJZ and KVI operate on 760 k.c. (394.5 metres) and WBAL on 1060 k.c. (282.8 metres). Of course, the latter may have been testing on a different frequency. Would you please quote correct frequencies instead of dial readings.—Ed.]

Frequencies of European Broadcasters.

CONGRATULATIONS to Mr. Peters on his reception of a European station. For the last month I have been up early to listen for them. At this time of the day the air is fairly clear from interferences as regards city reception and most mornings between 4

a.m. and 6.30 a.m. as many as five stations can be heard. The station at Bratislava, with a power of 14 k.w. (received by Mr. Peters), and one on 257 metres (1164 k.c.), which I am sure is a Swedish station operating with a power of 15 k.w., are the strongest. The London National station, operating on 261.3 metres (1145 k.c.), using a power of 68 k.w., is often broadcasting the same programme as 5SW. There would be little doubt of securing a verification from there. In a letter received re-

Radio In Uruguay

SOME indication of the popularity of radio in most Latin-American States can be gauged from the following facts just to hand: Radio imports into Uruguay during the first nine months of the year revealed an increase of 300 per cent. over the whole

Some European Stations For Early Morning DX-ers

Location	Power	Metres	K.c.
Vienna (Rosenhugel, Austria)	20 k.w.	517	580
Midland Regional Station, Gt. Britain	38 k.w.	479	626
Katowice (Poland)	16 k.w.	408	735
Bucharest (Rumania)	16 k.w.	394	762
Algiers (N. Africa)	13 k.w.	363	825
Muhlacker (Germany)	75 k.w.	360	832
Barcelona (Radio Barcelona, E.J.Z., Spain) ..	18 k.w.	349	860
Strasbourg-Brunath (France)	15 k.w.	345	870
Bordeaux (Lafayette (P.T.T.), France)	35 k.w.	304	936
Finland	15 k.w.	291	1030
Barcelona (RAJ.13), Spain	10 k.w.	268	1120



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cently from an English amateur he remarks that most of the European stations transmit from noon till midnight, and they are usually identified by their interval signals, which are characteristic of each station. Several stations use two or three particular notes on the piano, while Budapest (Hungary, 23 k.w.) uses a musical box and announces "Radio Budapest." Toulouse, France, 283 metres (784 k.c.), 10 k.w., uses a gong and announces "Radio Toulouse." Turin, Italy, 273.3 metres (1100 k.c.), 8.5 k.w., has a canary chirping in the intervals. He announces "Radio Turin." Rome, Italy, on 75 k.w., announces "Radio Roma." The accompanying list of European stations may be helpful to early morning DX-ers.

There are many more high-powered stations, but if one can verify half a dozen it would be quite a record. Static is not so troublesome as might be expected, but each transmission is characterised by long fades. I have noticed at times that a station will be coming in at good strength, and then the music will fade right out and the carrier wave cannot be found, but it will slowly come back again to the same strength. The best time to listen for them in Wellington is between 5 a.m. and 6 a.m.—A. P. Morrison (Wellington).

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