

Telephony to Ships

THE American Telegraph and Telephone Company, which conducts the U.S.A. end of the trans-Atlantic telephony service, is to begin tests between its experimental station in New Jersey and the s.s. Leviathan with the object of establishing a telephone service between any telephone in the U.S.A. and ships at sea. If the tests are successful the service will be opened first with the Leviathan in the autumn.

Eiffel Tower.

TESTS in telephony on 49 metres are carried out daily by the Eiffel Tower (Paris) from 4.45 a.m. to 5 a.m., 8.45 a.m. to 9.15 a.m., and from 10 p.m. to 10.15 p.m. New Zealand time.

Official Gratitude to French Amateurs.

A MATEUR transmitters in France who have made important contributions toward shortwave research, are to be relieved of all wireless taxes, writes our Paris correspondent. The announcement was made at the recent conference of French amateurs in Paris.

Shortwaves from Siberia.

FOR the benefit of trappers in Polar regions, the Soviet Government is planning the erection of a shortwave station at Turukhansk, Siberia, on the edge of the Arctic circle. The transmissions will include news bulletins and weather reports.

Twin Wave Transmission in Italy.

THE high power broadcasting station now being constructed by the Marconi Company at Rome will broadcast on two wavelengths, simultaneously, viz., 254 and 80 metres. The transmissions will be intended primarily for the Italian colonies in Africa.

U.S. Test Programmes for Britain.

A NEW series of transmissions specially intended for reception in Great Britain in the early morning has been inaugurated by WGY's shortwave station 2XAF at Schenectady. The transmissions are carried out daily except Saturdays and Wednesdays according to the following schedule (giving New Zealand mean time):—

Monday, 6 a.m. to 9 a.m., 19.5 metres.
Tuesday, 5.30 a.m. to 7.30 a.m., 21.9 metres.
Wednesday, 5.30 a.m. to 6.30 a.m., 19.5 metres.
Friday, 5.30 a.m. to 7.30 a.m., 21.9 metres.
Saturday, 5.30 a.m. to 6.30 a.m., 19.5 metres.

(Readers please note that, although the

Are You Satisfied with Your Reception?

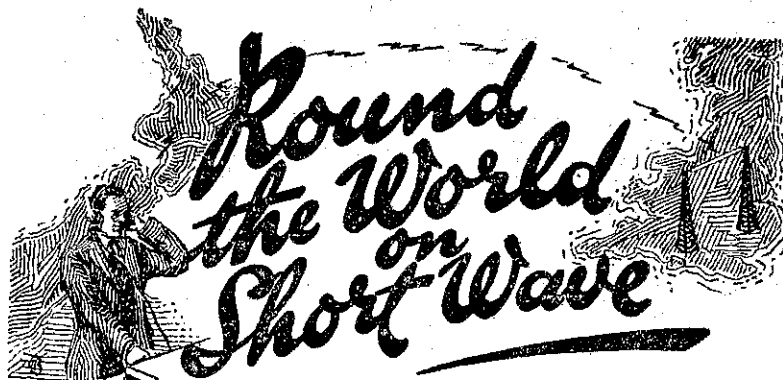
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call used is 2XAF, the wavelength of 19.5 metres is used by 2XAD and 21.9 metres by 2XO in their regular experimental transmissions.)

Saturday, September 14.

5SW opens at 5.29 a.m. with the usual announcement, which is 100 per cent. readable. On going "Over to London," readability is very poor. Big Ben is heard, talk being almost impossible. Volume quite good at R8. An organ recital at 6.15 a.m. was slightly better received.

Rapid fading was the cause of bad reception.

PCJ, although good strength, was a little mushy, caused, I think, by the German just a little higher who can be heard weakly on PCJ's wave, a very small turn of the dial bringing this station in at full strength.

At 6 a.m. PCK on 16.3 metres and Monte Grande on 15.5 metres were heard on duplex telephony. The calls were not heard, but the wavelengths were those used by these stations. The South American was R8 and the Dutch station R4-5.

W6XN could be heard very faintly. GBX, with 2ME, were testing as usual.

2XAD from 1.30 p.m. till signing off at 3.31 p.m. was excellent at R8, increasing to R9 at 2 p.m., then going down to R7 toward the finish. Howlers were bad on this station.

KDKA at R8 was spoilt by rapid fade. At 5.30 p.m. music was tuned in at R7 on 16.3 metres. Records were played without any announcement. Speech was not heard till after 8 p.m., when "Hullo, Bandoeng, here is Kootwijk," was heard. After a short time PLF replied on 16.8 metres, and duplex telephony was carried out.

PCJ at 1.30 p.m. was R3, fading to R1, strength showing increase to R9 by 4.30 p.m., remaining at that till closing time at 5.35 p.m. Reception was spoilt by static and mush.

RA97 (late RFM) was good at R9.

Sunday, September 15.

AT 9.30 a.m. KDKA was R4, increasing to R5 by 10 a.m. After this signal strength decreased to R2, after which they built up again to R8. Reception was unsteady and mushy all through.

2XAD and 2XAF were both weak (R2) at 9.30 a.m. The former increased in volume more rapidly than 2XAF, reaching its maximum and on the decline before 2XAF was full strength.

W6XN: This station was not heard till 7.15 p.m. (did not try for it). The "Musical Musketeers" entertained till 7.30 p.m., after which an hour's dance music from the Hotel Witcombe, San Francisco, was announced. Volume was R8, not so good as a few weeks ago.

Monday, September 16.

KONIGSWINTERHAUSEN on 31.5 metres (about) commenced talking at 6.35 a.m. and were still talking at 7.30 a.m. Excellent at R9, with medium static. GBX was R8, 100 per cent. readable,

but Sydney was not receiving him very well.

2ME was R9.

ZL2AX, with records, at 7.30 p.m., was received at R9. ZL2BE was even louder.

Tuesday, September 17.

5SW, at 6 a.m., a talk was in progress about 75 per cent., increasing to 100 per cent. readable by 6.15 a.m. At 7.20 a.m. a relay from Cardiff was announced by BX, R8-9, very gushy.

2ME, same strength, with a noisy background.

The German commenced just after 6.30 a.m. to R9. After a short talk an excellent relay of music was heard, strength decreasing to R7 by 8 a.m.

W6XN at R7-8, with fading and bad static, was tuned in at 6.30 p.m. The QRN spoilt reception.

2ME and GBX were both 100 per cent. readable, the English station being R8 and the Sydney transmitter fully R9.

Wednesday, September 18.

A TALK was just concluding at 5.5W when tuned in at 6.15. Readability was poor on account of a local roaring noise. Strength R8-9. Songs were heard till 6.30 a.m., during which reception improved considerably. At 6.30 a.m. they commenced a relay from the Queen's Hall of a promenade concert. The works of Tchaikowsky being featured. Reception was quite good for a time, except for gushiness. By 7.30 a.m. signals were almost smothered by a strong ripple.

2ME at 6.15 a.m. was R3, rapidly increasing to R9. GBX, R8, very good.

Some choral music was well received at R9 from the German station from just after 6.30 a.m. There was some static and slight fading. A lady of 71 years of age was heard through 2ME talking to her daughter in England during the early evening. Both sides of the conversation was clearly receivable.

VK2HM, Bondi, N.S.W., came in well at R8.

PCK, Holland, and PLF, Java, at 9 p.m. were heard working duplex. Both were very clear and steady at R8.

Thursday, September 19.

5SW.—A talk about "Forecasting the weather at R8-9 was heard from 6 a.m. This interesting talk was 100 per cent. readable, with careful listening. Surging and ripple spoilt the music that followed.

W6XN was just audible at 6 a.m., increasing slightly later.

GBX R8, 100 per cent., testing with 2ME, who were very weak at first, increasing later.

A station on about 31.4 metres was heard at R6. Static and Morse QRN spoilt reception.

The German carrier was on for some time before any talk was heard. This was received at R9.

GBX and 2ME were spoilt by static during their early evening duplex test.

Friday, September 20.

P. CJ commenced at 5.37 a.m., and continued till 7.30 a.m., with their regular transmission. Strength was good, static and surging bad.

5SW could not be heard, except for a

few moments about 6.30 a.m. Probably a breakdown.

The carrier of both 2ME and QBX were heard, but not any talk.

The German was R8-9, but static spoilt reception.

W6XN was also spoilt by static when heard at 7 p.m. Strength R7 with fading. 2ME at 8 p.m. had some lady tennis player visitors to listen to England.

QBX at R7 was spoilt by static.

On about 30.5 metres, at 8 p.m., a strong carrier with a weak foreign voice was heard.

PCK were transmitting records (without announcement till 9 p.m., when they called Bandoeng. Java replied through their station, PLF, on 15.74 metres. Both were R8, clear and steady.

On about 25.5 metres, at 10.20 p.m., at R7, talk was heard in an American voice. Rapid fade spoilt reception. This was possibly CJRX or CJA (Canada).

RA97 (late RFM) put over some splendid orchestral music, which was spoilt by static.

Successful Rebroadcast

Session for Byrd Party

THE special programme broadcast by station WGY (U.S.A.) for the Byrd Party in Antarctica on Sunday afternoon was successfully picked up and rebroadcast by station 2YA. On first going on the air at 2.30 reception was not absolutely first-class and after a half-hour spell the station switched back to the studio for selected items. However, at 3.30 the conditions were materially better and the rebroadcast was resumed and carried on most successfully till closing down time, a little after 4.30. The feature was enjoyed by many listeners, the special messages given to members of the distant party in particular serving to emphasise the wonder of radio.

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