

Italy's Radio Future.

"**RADIO Roma.**" Italy's new broadcasting giant, is reported to be merely a jumping-off point for a larger broadcasting scheme with transmitters at Florence, Trieste, and Palermo. The plans also include a 15 kw. short-wave station at Rome for long-distance relays.

The Pope is reported to be showing great interest in the erection of the Vatican short-wave station, which is to have a world-wide audience. On February 2, His Holiness received the Marchese Marconi in private audience.

Revised Schedules from Schenectady.

THE following is the latest schedule from the General Electric Company for their two short-wave stations, W2XAF and W2XAD. W2XAF operates on a frequency of 9530 k.c., or 31.48 metres, and W2XAD on 15.340 k.c., or 19.56 metres:

Mondays: 7 a.m. to 4.15 p.m., W2XAD.
Tuesdays: 9.40 a.m. to 4.30 p.m., W2XAD and W2XAF.
Wednesdays: 9.40 a.m. to 4.30 p.m., W2XAF.
Thursdays: 9.40 a.m. to 4.30 p.m., W2XAD.
Fridays: 9.40 a.m. to 5 p.m.: W2XAF.
Saturdays: 6.30 a.m. to 4.30 p.m., W2XAD and W2XAF.
Sundays: 9.40 a.m. to 4.30 p.m., W2XAD and W2XAF.

These are all New Zealand mean time. Summer-time will come into operation in a week or two, when the above time will be one hour earlier.

New Schedule for PHI.

ADVICE has been received that PHI, Huizen, on 16.88 metres, will be transmitting at the following times—New Zealand: April 17-20, 22-27, and 29, and May 1, between 12.30 a.m. and 2.30 a.m.

Commercial Telephone Station.

ALL short-wave listeners have heard snatches of conversations from time to time, and sometimes locate the speakers as being on a New York-London telephone circuit. As this sort of talk is heard on so many wavelengths, with no mention of call-signs or wavelengths, it will interest readers to know that an American correspondent has kindly forwarded full particulars, which are as follows:—

New York-London.

WML, 15.14, 20.56, 30.89 metres, works GRU, 16.10, 24.41, and 30.15 metres.
WNC, 15.61, 20.73, 30.77 metres, works GBW, 16.54, 20.77, and 30.64 metres.
WND, 16.36, 22.40, 32.71 metres, works GBS, 16.39, 24.69, and 33.26 metres.
Transmitters at Lawrenceville, N.J., and Rugby, England.

New York-Buenos Aires.

WLO, 14.01, 18.44, 28.44 metres, works LSM, Buenos Aires, 20.00 metres.

s.s. Leviathan.

WSBN, 33.98, 45.21, 68.30, and 87.51 metres, works WOO, Deal, New Jersey, 34.76, 46.05, 72.89, and 96.03 metres.

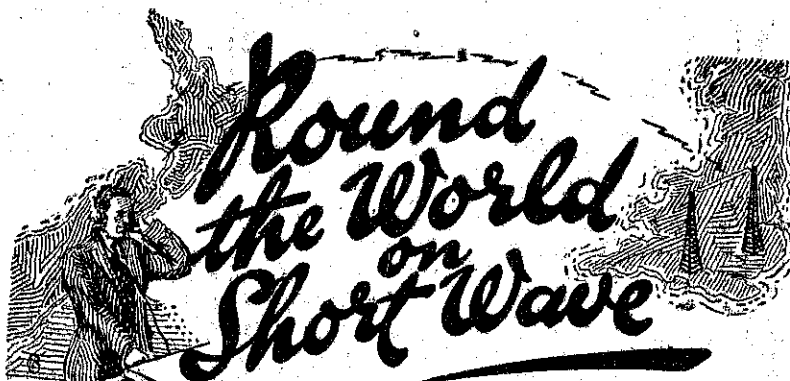
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The rate for small advertisements under this heading is 1/6 cash for 20 words, and twopence for every other word thereafter.

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s.s. Olympic.

G2GN, 18.30, 24.00, and 35.00 metres, works F8BZ, France, 19.50, 22.14, and 33.56 metres, and G2AA, England, 36.00 metres, also WOO-W2XG.

London-Montreal.

GBK, 16.57, 26.10, and 32.40 metres, works CGA, 16.50, 26.00, and 32.12 metres. Transmitters at Bodmin, England, and Drummondville, Quebec.

Stations Heard During Week Ending April 12

		Metres.	
RA97	Siberia	70	Every evening.
W9XF	Chicago	49.83	Sunday and Saturday.
W3XAL	New Jersey	49.18	Sunday and Saturday.
W2XE	New York	49.02	Sunday and Saturday.
32C	Christchurch	47 (about)	Friday.
W2XAF	Schenectady	31.4	Sunday and Saturday.
PCJ	Holland	31.4	Thur. Fri. and Saturday.
Zeesen	Germany	31.38	Each morning.
HS2PJ	Siam	29.5	Monday.
VK2ME	Sydney	28.5	Daily.
GBX	England	27.5	Daily.
KZRM	Manila	26	Every evening, except Monday.
CJRX	Winnipeg	25.6	Saturday.
5SW	England	25.53	Tues., Wed., Thur., Fri., and Sat.
KDKA	Pittsburgh	25.4	Sunday.
W6XN	California	23.85	Sunday.
W2XAD	Schenectady	19.5	Sunday and Saturday.
PHI	Holland	16.88	Thursday.
POK	Holland	16.3	Tuesday and Friday.

Paris-Buenos Aires.

FTM, St. Assise, 15.55 metres, works LSG, Montegrando, on 15.02 metres.

Unidentified Stations.

41.6 metres (about), Monday and Thursday.
31.2 metres (about), Monday.
30.5 metres (about), Monday.
30.2 metres (about), Sunday and Saturday.
25.4 metres (about), Monday.

Log for the Week

Sunday, April 6.

W2XAD was heard first at noon, when strength was R2, and gushy. Volume increased to R3 by 2.30 p.m., and remained at that till 4.30 p.m.

W2XAF, with the same programme, was weaker at first than its sister station, but reached an easy R9 by 4 p.m. W6XN was gushy at first, but soon improved. They had a special programme, it being the third anniversary of the National Broadcasting Company, Pacific Division. The station closed at 8 p.m., after announcing that W6XN is on the air each Monday, Wednesday, and Satur-

day from 5 p.m. till midnight, P.S. time (Tuesday, Thursday, and Sunday, 12.30 p.m. till 7.30 p.m., New Zealand time). W3XAL at 4 p.m. were R2, increasing to R8 by 5 p.m. Static was bad. W2XE at R5 was also spoilt by static. W9XF was audible at 4 p.m., but had gone when tried for just after 4.30 p.m. KDKA came on late with messages to the far north, also to an expedition to discover

5SW: Big Ben at 6.30 a.m., R8-9. Talk from Chelmsford was 100 per cent. readable, but only about 75 per cent. from London. 2ME and GBX were again putting toll calls through during the evening. Volume good, both sides.

POK were transmitting records at 8.30 p.m., and were on duplex later at R8.

KZRM at 9.30 p.m. were R8, with a Morse station on top causing trouble. RA97 was R9 with talk and orchestral music, but static was very bad.

Wednesday, April 9.

At 6.15 a.m. 2ME and GBX, both R8. 5SW RS, but gushy at 6.30 a.m. with Big Ben, following by the "Looking Backward" series of talks. Zeesen starts at 6.30 a.m., R9, with orchestral items. 2ME R8, GBX R6, at 7.30 p.m., on duplex.

KZRM, R6 at 9.30 p.m. with band music. Morse interference was again troublesome. RA97 were quite good with orchestral music at 9.30 p.m. Static, of course, was there.

Thursday, April 10.

ON about 46.6 metres, singing was just audible at 6.10 a.m. Zeesen was not quite up to their usual strength, but were R8 at 6.15 a.m. Weaker signals were also noticed from GBX and 2ME, both being about R4 at 6.20 a.m.

5SW, like the others, was on the weak side, being about R6. After Big Ben, an interesting talk was heard by a man who had spent twenty years in Canada. Readability was about 90 per cent. Quality and volume were about the same at 7 a.m. Stations PCJ and PHI carried out a simultaneous transmission from 4.30 p.m. till 11.30 p.m. our time. PCJ was tuned in at 6.30 p.m. Strength was R8, with medium static. Volume slowly decreased till 9.30 p.m., when static was far too strong. PHI was not audible at 6.30 p.m. The carrier was heard first at 7 p.m. By 8 p.m. strength was R4, being very clear and steady. By 10 p.m. music was coming in splendid at R8-9. The calls of both stations, with their wavelengths, were given, also the names of items, all particulars being repeated in five languages.

RA97 was R9 at 10 p.m., with static not quite so bad as usual.

2MS and GBX were putting through private calls. KZRM at 10 p.m. were quite good at R8.

Friday, April 11.

THIS morning PCJ was poor. R8 at 6 a.m. with static and rapid fade. Volume decreased to R7 by 7.30 a.m., but quality was slightly better.

GBX and 2ME, R8, private calls. 5SW, very poor at R4. Talk from Chelmsford was only about 50 per cent. readable, while talk from London was impossible.

(Concluded on page 32.)

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Monday, April 7.

At 6 a.m. HS2PJ was tuned in, and their weird native music was heard at R9. They were still going strong at 7 a.m., when a lady was singing (?). Talk through severe static was heard on 30.5 and 41.6 metres at R4 about 6.15 a.m. Zeesen was not heard till 7 a.m., when they came in at R9. 2ME and GBX appeared to be in the control of the post office during the evening. Lady operators were heard giving names and numbers of calls to go through.

Music on about 31.2 metres at R8 was heard at 10.30 p.m. Modulation was very bad. Also on about 25.4 metres, music at R7. Rapid fading spoilt readability. RA97 at R9 was quite good, there being less static than usual.

Tuesday, April 8.

At 6 a.m. 2ME at R9, and GBX at R8, were very clear. Zeesen commenced at 6 a.m., reception being perfect at R9.