

China Enters the Radio Field.

VERY ambitious plans are being made for an extensive programme of radio activity in China, according to an American report.

A prominent official, Dr. Tsa Tso, is making a survey of radio stations in the U.S.A. and is purchasing equipment for two short-wave stations in China. These will be the most powerful stations in Asia—at least, they Tsa Tso!

High Power for Vatican Station.

REPORTS from Rome indicate that the Vatican wireless station, concerning which there has been much speculation, is to have a power of 20 kilowatts. This will place it fairly high among Europe's transmitters, so far as strength goes. For telephony only short waves are to be used, the suggested wavelength being somewhere in the band between 15 and 45 metres.

French Stations.

STATION F8BP, the experimental station of the French wireless association "Le Journal des Huit," has increased its wavelength from 47 to 55 metres.

Eiffel Tower, Paris, has resumed its experiments in short-wave telephony; the wavelength has been reduced to 31.5 metres.

From September 1 a radio telephony service was opened between the s.s. Levathan and Berlin on short waves.

Radio Manila—KZRM.

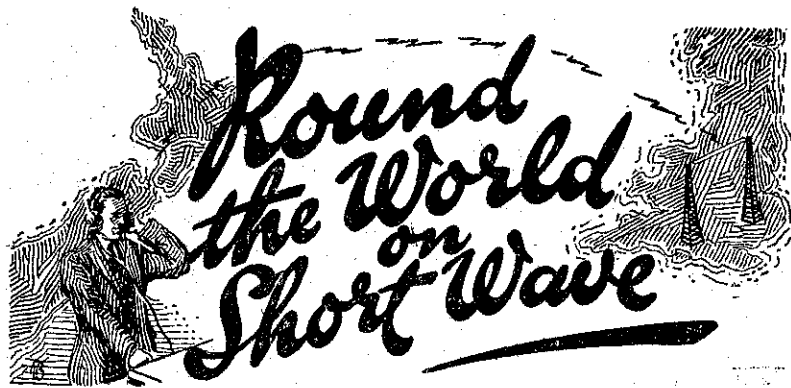
A LETTER from this Philippine station was received during the week. They give their short wavelength as 48.8 metres, nothing being said of 26.5 metres (about), where they are more often heard. The weekly schedule is the same as was published a few weeks ago on this page. The following are features worth tuning in to:—

Philippine Constabulary Band, Wednesday, Friday, Saturday and Sunday, 10 p.m. to 11 p.m.

Bureau of Prison's Band concert, Sundays, 7 p.m. to 8 p.m. Dance music from Sta. Ana Cabaret, Wednesdays and Saturdays, 1.30 a.m. till 3.30 a.m. Stadium prize-fights, Sundays, 2 a.m. to 4 a.m. Church services, Sundays, 2.30 p.m. The above times are New Zealand summer time, which is four hours ahead of Manila standard time.

A correspondent last week said, in reference to the call of this station, that it was KGRM not KZRM. The letter referred to gives it as KZRM and I think the explanation is that they pronounce the Z and Zee, which, of course, could easily be mistaken for G.

STATION VK2ME has been heard during the week on 15.5 metres calling GBX. This was the exact wave-length



THIS page is conducted in the interests of shortwave enthusiasts. A weekly log comprising notes of reception and interesting topical events is contributed by Mr. F. W. Sellens, Northland, Wellington, but all listeners are invited to send in paragraphs of general interest.

given by the Sydney station. 6AG, Perth, has been heard again; he is now working on 41.5 metres.

Reception during Week Ending November 23.

CONDITIONS are still unfavourable for good reception of most overseas short-wave stations. RA97, Siberia, comes in well on 70 metres at R8-9. More music is heard now. On Friday, at 10.15 p.m., children's singing was very well received, the static trouble being less than usual.

W9XF, Chicago, short-wave station of WENR, has not been quite as strong as usual on most evenings. Saturday, the 23rd, they were about the best ever heard. R9 at 6.30 p.m., perfect except for a very slight surge. Volume slowly decreased till signing off at 8 p.m.

Zeesen, relaying Konigswusterhausen. On Sunday, the 17th, a fine programme was heard till 6.30 a.m., when they closed down. Volume R8. They apparently closed down by 6 a.m. other mornings as I heard them only on Saturday from 5.40 a.m. till 6 a.m., when they came in like a local station, full speaker volume, free from any static, etc. This was the only morning Zeesen was tried for before 6 a.m.

PCJ, Holland, started well on Friday at 6.5 a.m., being R9, but rapidly decreased in volume, being R3 by 7 a.m. On Saturday morning they commenced about 6 a.m., but apparently closed down before any items were broadcast, only the metronome being heard for a few moments. The afternoon session was late before readable strength was reached. R5 at 5 p.m., increasing to R8-9 by close time at 6 p.m.

2ME, Sydney, still carry on most of their duplex with GBX on 28.5 metre during the early evening, but were heard on 15.5 metres about 10.30 p.m. on Monday at R8-9, very clear and steady. 2FC was relayed for a time.

2XAC, Schnectady, was heard on Sunday afternoon, when, with its sister stations, 2XAF and 2XAD, they were transmitting their usual programme. Strength at 5 p.m. was R7.

2XAF was very poor on Sunday.

2XAD was only audible for a short time early in the day on Sunday.

KDKA, like the other Americans, was very weak. Bangkok, Siam.—This station was tuned in on Monday morning about 6 a.m. when the usual native music was heard. A call sign was again given, but could not make out the letters and/or figures. The wave-length was given at 29.5 metres Volume R7-8.

Radio, Manila, continues to come in at good strength from 10 p.m. When heard earlier it is much weaker.

7LO, Nairobi, at its best, has been very weak.

5SW, Chelmsford, is still too weak when opening at 7 a.m. to be worth listening to. I understand that it is good strength from 12.30 a.m. to 1.30 a.m.

PLE and PLF, Java, sending out duplex telephony with PCK, Holland, come in at good strength from about 9.30 p.m.

Unidentified Stations.

ON about 31.4 metres an American station was received at R9 from 10 p.m., and was still going strong at 11.45 p.m. on Saturday. A Morse station was working on the same wavelength all the time, making it impossible to get the call. Volume and modulation were first-rate. It was possibly 2XAF; it was on this wavelength.

38 Metres (about), a foreign voice was heard at R3-4 on Wednesday morning every few moments, "Allo! Allo!" with a call was heard, but not understood.

On Sunday morning, at 7 a.m., on about 33 metres, music was heard at R5, with a lady announcing the items. She was not readable on account of mush.

On 32.5 metres a man and woman were heard calling, "Hullo, London!" on Saturday, 5 p.m. English was being spoken, but was difficult to follow, because of surge and mush. This station, an American, is often on the air—carrier only, for hours at a stretch, without any sign of talk. On 22.4 metres (about) an American voice was heard at R3 early on Wednesday and Thursday morning.

At 6.30 a.m. on Saturday an American station was heard on 19.5 metres, with vocal and orchestral music. Strength was R3 at first, increasing slightly, then going off to R1 by 7.30 a.m. A strong generator hum spoilt readability. A call was not heard during this period, but it was probably 2XAD or 2XD on their daily test with England on 19.5 metres.

Radio Manila

Description of Transmitters

I STATED in last week's issue of the "Radio Record" that station RA97 was operating on 37 metres, but the station I heard was RA19, Tomsk, Siberia. The following is a letter received from the Radio Corporation of the Philippines, giving details of station KZRM, A. D. Rogers (Wellington):—"We are in receipt of your letter reporting reception from KZRM, Radio, Manila, and desire to thank you very much indeed for your comments. Examination of the official log of this station confirms your report, and we wish to take this opportunity of congratulating you. Enclosed herewith please find a schedule of our weekly

broadcast, and a short description of the transmitters.—Marguerite Cromwell (broadcasting manager)."

The KZRM Transmitters.

THE transmitters are located at Manila Heights, approximately seven miles from the studio. The latter is on the top floor of the Manila Hotel, Manila, Philippine Islands.

The long-wave transmitter is of one k.w. power. The antenna used with this transmitter is approximately 300ft. high, and is supported by two steel towers. This transmitter is not crystal controlled, but the frequency (618.5 k.c.) is maintained accurately, and there is little swinging or variation of frequency.

The high frequency transmitter puts one k.w. of energy into a special tuned antenna of the doublet type. The set is crystal controlled, with the crystal controlling the frequency of a 50 watt tube. The output of this stage then passes through the following stages, either doubling or amplifying: One 75-watt tube, two 75-watt tubes, and finally two 750-watt tubes, working through inductive coupling into the antenna circuit. This set is at present operating on a frequency of 6130 k.c.

Weekly schedule of KZRM, 48.8 metres:—Daily (except Monday night), 4 to 5 p.m., recorded music; and 6 to 10 p.m., varied programme.

Earthing Hints

WHERE an earthing clip is used for making connection to a water pipe care must be taken to clean the pipe thoroughly with a rasp, file or sandpaper, so that the metal is really bright before the contact is made with the clip.

A PIECE of corrugated iron such as is used for roofing sheds, etc., makes an almost ideal earth plate.

FOR SALE OR EXCHANGE

The rate for small advertisements under this heading is 2/- cash for 20 words, and twopence for every other word thereafter.

WANTED.—150-volt D.C. Generator, 2 or 3 amp., must be cheap.—"Generator," c/o "Radio Record."

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