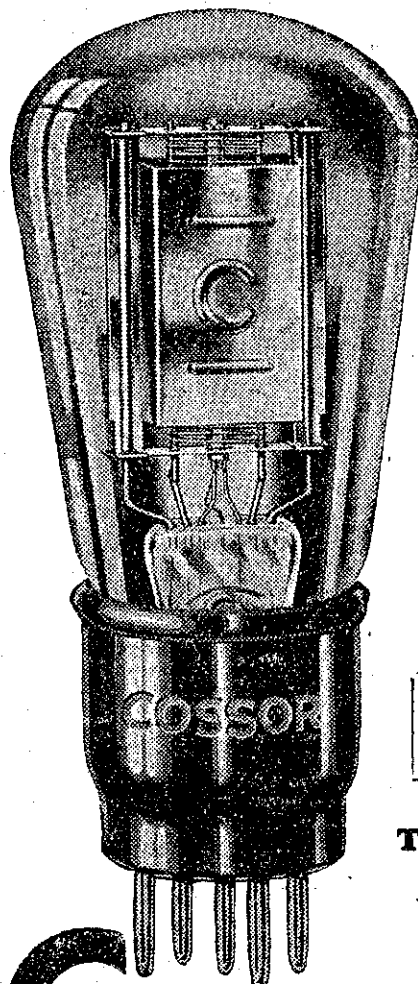


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THESE three features—
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efficiency.

(2) Prevents variation
in electrode spacing
and consequent varia-
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istics.

(3) Imparts great
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thereby ensuring ex-
ceptionally long life.

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you KNOW that its performance
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stated characteristics—and that it
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This illustration shows how the
Cossor Mica Bridge is applied to
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tions of the Mica Bridge are
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Round the World on SHORTWAVE

Conducted by F. W SELLENS

Short-wave Notes

P.H.L., Holland.

PHI, Huizen, Holland, is on the air again, working on 16.88 metres, with the popular "six language" announcer, Mr. Edward Startz, at the microphone. Their transmitting schedule is not yet known, but so far, reports on reception have been about 10.30 p.m. our time. On Monday, when it was particularly warm here, Mr. Startz was telling his listeners that, although the sun was shining, a beautiful morning, it was freezing.

RV50, Moscow.

THIS Russian station, which will soon be coming in at good volume till about 8 a.m., have announced that it is their intention to increase power soon.

Empire Station—Australian Zone.

THE programmes for this zone are now being radiated in an easterly direction for both transmitters, GSC and GSD. This is instead of the transmission in a westerly direction till 11 p.m. our time, with a change to the opposite direction for the balance of the session.

Log for Week Ending January 21

CONDITIONS are showing a slight improvement in the mornings. Another month should make a lot of difference.

RV15, Siberia, 70.1 metres.—Apparently not on a regular time-table at present, are received well some evenings, but not regular.

HVJ, Vatican City, 50.25 metres.—About R7-8 between 6.45 a.m. and 7 a.m.

RV59, Moscow, 50 metres.—Not quite so good this week toward 7 a.m. Improvement is slow.

GSA, Davenport, 49.6 metres.—Very weak now in the morning on the African zone.

W9XF, Chicago, 49.18 metres.—Not audible till about 5 p.m., reaches R7-8 by 7 p.m. when they close down.

W8XK, Pittsburgh, 48.86 metres.—Comes in earlier than the above station, closing at 4.30 p.m., as a rule, at about R5.

REN, Moscow, 45.38 metres.—Only heard on Tuesday when they were R5-6 with some static, at 6.45 a.m.

JIAA, Japan, 38 metres.—Received quite well some evenings after 9 p.m., but static has been bad recently.

VIKME, Melbourne, 31.55 metres.—On each day for short periods with a ball for ball description of the Test cricket at Adelaide, also at 11 p.m. with cricket news. The Wednesday and Saturday evening transmissions have been put on as usual. Reception has been quite good, both daylight and at night.

DJA, Zeelen, 31.38 metres.—Music was just audible at 6.50 a.m. on Tuesday, the only morning heard.

WIXAZ, Springfield, 31.35 metres.—Reception is patchy. Monday was the best day, reaching R7 by closing time, 5.30 p.m.

GSC, Davenport, 31.3 metres.—Some mornings on the African zone, they are about R7, but usually gushy. During the evenings, volume has been good, but static is still troublesome.

WTXAV, Philadelphia, 31.28 metres.—Heard several times during the week on this wave-length. Reception was best on Monday, when, at 4 p.m. they were R3, improving in strength and quality till 6 p.m. when they were R4-5.

VIKME, Sydney, 31.28 metres.—Only heard at 10.0 p.m. on Sunday, when static was bad. The clock striking was R9. Talk following was very weak.

BAQ, Madrid, 30.4 metres.—Sunday morning till 8 a.m., R7-8, static was too bad for listening.

GSD, Davenport, 25.53 metres.—Volume is always about the same when opening at 9.30 p.m., R8-9, sometimes it remains fairly even all through the session, but more often volume goes down slightly after the first half hour.

12EO, Rome, 25.4 metres.—Tuesday was the best morning for this station, being R4 at 6.30 a.m. to R7 at 7.30 a.m. Reception was spoilt by gushiness.

Radio Coloniale, Paris, 25.2 metres.—Heard this week for the first time for quite a while, only weak at 7 a.m., but able to identify.

PHI, Huizen, 16.88 metres.—Our old friend Mr. Startz, probably the world's best known announcer, can now be heard again, after a silence (over the air) of about fifteen months, when PCJ closed down at the end of October, 1931. His cheery voice is heard from PHI calling, "Good morning, America, good afternoon India, good evening Australia, etc." The time heard is between about 10.15 p.m. and 11 p.m. Reception is weak, but quite clear.

Short-Wave Club Notes

THERE are signs of activity among the transmitting members of the Club. Mr. J. E. Mills (ZL2BE) is temporarily conducting the broadcasts for the NZART. Mr. Roy Clarke (ZL2AW) may soon be heard again. I paid him a visit recently and found him trying out an amplifier, the quality of which listeners will appreciate. The A.C. version of the Short Wave Club two will soon be to hand. Another well-known member we will soon hear again is Mr. Geo. King (ZL2GM).

I would advise all readers of the "Record," if they do not bind their copies, to at least keep a scrap book for cuttings of hints, answers, circuits, etc. In the near future many positions in radio will be offering. Many are anxious to go in for transmitting, but the receiving side is equally important. You chaps who are experimenting and listening-in are unconsciously gaining a very valuable experience of conditions on all wave-lengths, and this will stand you in good stead later on.

On several occasions recently young beginners have rung me saying they had burnt their valves out by dropping the A lead on to the B battery. It is always advisable, when disconnecting battery leads, to put the A connections on first and take them off last and thus save shorts.

This month is the second anniversary of the paragraph in the "Record" announcing the formation of the NZSWC. Since the commencement the average letters answered per month is about 80, and the Club is in the happy position of having its own equipment.

Still the same address, 4 Queen Street, Wellington E1.

Yours Fraternally,

MAC.