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EVERY FRIDAY.

Two Pence.

OFFICIAL PROGRAMMES OF THE BRITISH BROADCASTING COMPANY.

For the Week Commencing
SUNDAY, FEBRUARY 10th.

LONDON	CARDIFF
ABERDEEN	GLASGOW
BIRMINGHAM	MANCHESTER
BOURNEMOUTH	NEWCASTLE

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WHAT'S IN THE AIR?

THE HUMAN BOY.

By J. C. W. REITH, Managing Director of the B.B.C.

"WONDERS will never cease." I am not referring to the "stunts" of various kinds which are achieved from time to time, particularly by the engineers. I am dealing with the maxim itself.

Recently, I looked in at a wireless demonstration that was being conducted in a big city by a firm of dealers in wireless apparatus. A large proportion of the audience were boys of about fourteen years of age. The lecture was of an experimental nature, and the audience was trying to grasp the intricacies of the electrical receiving gear.

The sight of all the boys there set one thinking. They did not seem to be there to play, but to learn, and they came of their own accord. The picture was a little difficult to reconcile with the other one of the "whining schoolboy with his satchel and shining morning face, creeping like snail unwillingly to school." Boys often dislike what is difficult, and hate what they cannot understand; but here was a subject with many difficulties, electric complexities and technical jargon. These boys, however, were neither repelled nor appalled.

The reason is, of course, that the wonder of the subject has worked this great change in boy nature. He is more readily impressed than the older person with what is marvellous, and in this respect he is nearer the truth of things than we are.

In the make-up of a boy the power to wonder and the power to laugh are leading features. His humour may often be unconscious. The boy who never laughs is a rarity, so is the boy who never wonders. I have never met this kind and I hope I never

shall. Because of boys' peculiar susceptibility to that which is wonderful, I believe there are great possibilities in wireless as an informative, or even educative, agency.

The education authorities all over the country have been considering the establishment of wireless installations in the schools in their populous areas. It is not unusual to find among educational experts many who believe that in the near future no school will be complete without such an installation.

These are days when the latest and the best methods of imparting knowledge are eagerly canvassed and adopted by progressive educationalists. The modern elementary teachers secure their remarkable success by arousing the interests of their pupils, and by studying them individually. What is more calculated to fascinate and hold the attention of scholars than the employment of wireless to illustrate some wonder of science, or to impress on the mind some otherwise ordinary and rather dreary lesson?

Everybody admits that all work and no play makes dull people; but, even with plenty of play, boys and girls may be made hopelessly dull on certain subjects—for example, history; but in the very near future it is probable that the master may turn on the loud speaker (let us hope it will be a good one), and the class will listen with a new interest to what seems so dull when coned from the pages of a book.

Wherever one goes, one finds youngsters fascinated with the wonders, and even with the technique, of wireless. The properly-constituted

(Continued overleaf in column 3.)

A Song of Good-fellowship.

The Story of "Auld Lang Syne." By A. B. Cooper.

IF "Home, Sweet Home" is the most popular of English songs, "Auld Lang Syne" is unmistakably the most widely known and popular of Scottish songs.

When we consider the very uncompromising Doric of its diction, it is little less than a miracle that this song should be so popular throughout the English-speaking world, possibly making a wider appeal than any other. The reason is that it expresses that sentiment of brotherhood and good-fellowship, which is just as inherent in human nature as "original sin."

But now comes a facer. Did Robert Burns write "Auld Lang Syne"? All the song-books say so—but Burns, far from claiming the song, categorically disclaims it.

Writing to one of his best friends, Mrs. Dunlop,

Should auld acquaintance be forgot,
And never brought to min' ?
Should auld acquaintance be forgot,
And auld lang syne ?
For auld lang syne, my jo,
For auld lang syne,
We'll tak' a cup o' kindness yet,
For auld lang syne.

And surely you'll be your pint-stoup !
And surely I'll be mine !
And we'll tak' a cup o' kindness yet,
For auld lang syne.
For auld lang syne, etc.

We twa hae run about the braes,
And pou't the gowans fine ;
But we've wander'd mony a weary foot,
Sin' auld lang syne.
For auld lang syne, etc.

We twa hae paidelt i' the burn,
Frae mornin' sun till dine ;
But seas between us braid hae roar'd,
Sin' auld lang syne.
For auld lang syne, etc.

And there's a hand my trusty fiere,
And gie's a han' o' thine !
And we'll tak' a right guid willie-
waught,
For auld lang syne.
For auld lang syne, etc.

from Ellisland, under date 17th December, 1788, the poet says: "Is not the Scotch phrase 'Auld lang syne' exceedingly expressive? There is an old song and tune which has often thrilled through my soul. You know, I am an enthusiast in old Scotch songs. I shall give you the verses on the other sheet, as I suppose Mr. Ker will save you the postage."

Above the song is given as first penned by Burns in the year 1788.

After transcribing the song, Burns goes on to say to Mrs. Dunlop: "Light be the turf on the breast of the Heaven-inspired poet who composed this glorious fragment! There is more of the fire of native genius in it than in half-a-dozen of modern English Bacchanalians."

Nearly four years later, in September, 1792, Burns, who had but lately removed from Ellisland to Dumfries, received an invitation from Mr. George Thompson of Edinburgh to lend the aid of his knowledge, taste, and lyrical genius to a small band of musical amateurs in that city, in their task of collecting Scottish melodies, airs, and words. They hoped to exercise greater care than had been shown by Johnson in his already published "Museum," to which Burns had contributed for some years, and still continued to contribute.

One of the earliest songs Burns sent to Thompson was "Auld Lang Syne," and it was accompanied by a letter from which the following is the only passage which makes mention of this famous song: "One song more and I have done. 'Auld Lang Syne.' The air is 'mediocre'; but the following song, the old song of the olden times, and which has never been printed, nor even in manuscript, until I took it down from an old man's singing, is enough to recommend any air."

How Much Did Burns Write?

In transcribing the song for Johnson, Burns alters the arrangement of the verses by taking the second stanza out and putting it last of all, and to-day the verses always come in that order. But is it not possible that the first and second stanzas as sent by Burns to Mrs. Dunlop, represent the lines taken down from the "old man singing," and that Burns added the rest?

There is only one thing absolutely certain; he did not invent the expression, "Auld lang syne," but found it ready to his hand, and he did not write the opening line: "Should auld acquaintance be forgot?" Allan Ramsay had already used both phrase and question, and even he did not originate them.

The conclusion of the whole matter seems to be that Burns was telling the truth when he called the song an old one, but that he grafted upon it his own alterations, emendations, and additions.

Mirthful Musicians.

Jokes of Great Composers.

THOSE who listen to the works of "classical" composers must not imagine that the great men were always as "highbrow" as their compositions. Many of them, indeed, were very fond of practical joking, and occasionally practical jokes were played on them.

For instance, when Handel was giving a season at the King's Theatre, Haymarket, he was a victim of one of the most elaborate practical jokes ever perpetrated on a conductor. He had an ultra-sensitive ear, one of his pet aversions being the tuning-up of the orchestra in his hearing. In consequence of this, he made it a rule that each instrument should be tuned beforehand and placed in readiness by its owner's music-stand. The orchestra then had to march in like soldiers and start playing, without the usual discordant preliminaries.

Chaos in the Orchestra.

On the occasion in question, a practical joker delayed Handel on some pretext, while an accomplice entered the theatre and upset the tuning of several of the instruments. When Handel raised his baton, there came a series of the most horrible noises imaginable!

Handel was so enraged that he tore off his wig and flung it full in the face of the unlucky player nearest him, at the same time forcing his foot through a bass viol and smashing it to splinters. Kettledrums and violins suffered a similar fate, and it was, in fact, some days before Handel recovered his usual equanimity.

Haydn had a well-known penchant for joking, and once played an amusing trick on his orchestra by composing a long symphony in which, one by one, the various players, at different stages of the piece, were instructed

What's in the Air?

(Continued from the previous page.)

boy wants to know all about the new instrument, and especially "how it works." Again and again one hears of their having built up their own sets and secured astonishingly good results. In this connection it may be as well to refer to a misconception put on a previous paragraph dealing with the regulations. There is nothing to stop boys making sets for themselves or their parents using them in the house, and, even if we could, we would put no obstacles in their way.

* * * *

There are fascinations awaiting the boy or girl studying French, let us say, or the geography of America, when told that tomorrow he will hear speaking a Frenchman from Paris, or an American cousin from New York. The development of appreciation and interest in music is obvious. Music, songs, recitations and poetry, and all in school hours; there are unlimited possibilities here!

* * * *

A father was rebuking his little boy for grumbling at breakfast because he could not have a second egg. "You know, when I was a boy I never got more than one egg for breakfast, and sometimes not even that." The boy's reply was this: "How glad you must be that you are living with us now." The grown-ups must be glad that they are living with the youngsters in these days, for everybody can share in the surprises and the wonders of wireless, which will never cease.

by a note on their scores to retire quietly from the orchestra. First, the leading flute player crept out; then the second flute player went, and so on. Finally, only one instrumentalist remained—he, as Haydn knew, was a short-sighted violinist, who sat fiddling away for all he was worth, until shouts of laughter from the audience caused him to realize his position, and he rushed in panic from the platform!

Nevel Piano-playing.

It was Haydn who figured in a joke played with great success on Mozart, who had rather incautiously announced that no one could write a piece of music which he could not play at sight, providing, of course, that it could be played at all. Haydn promptly challenged Mozart on the point, and wrote as a test a piece which needed both hands to be engaged at the top and bottom of the keyboard, with a remaining note to be struck in the middle at the same time.

When Mozart came to the chord he exclaimed petulantly that Haydn had blundered and that, of course, no one could play it. Pressed by Haydn, Mozart confessed that he was beaten, whereupon Haydn sat down and, with his hands on the keyboard, calmly struck the odd middle note with his nose!

A joke of a different nature was that inflicted by Rossini on an audience who had indifferently received one of his compositions the previous night. He hurriedly wrote a new overture, and directed the violinists to tap their music-stands with their bows at every other bar.

The audience were so enraged that they stormed the platform and, after vainly trying to seize Rossini, wrecked the building.

"Pepys on Wireless."

An Extract from the Famous Diary Deciphered by E. Doughty.

(Recently Broadcast from London by LOUIS HERTEL.)

BETIMES up, and mightily troubled to think what to say at the office of the B.B.C. In sooth, this art of broadcasting interests me exceedingly.

It is, of a verity, a most wondrous thing that one may hear in the same evening the most goodly musick from the new opera house in Covent Garden; the latest news of this accursed Dutch War; and that there be one thousand millibars loose in the streets of London. Though it ill seemeth that these said millibars should be allowed to roam at will in the dominions of His Gracious Majesty. And methinks it were at times vexations to listeners to be in no wise able to reply.

An Unfortunate Broadcast.

They tell me that My Lord of Wapping having a seizure at the play, and his wife not to be found at home, they did broadcast for her presence, he being like to die. And, this being done, there hastened to him no fewer than three ladies. They say that, being recovered, and having had discourse with his wife on this matter, My Lord expressed great grief that he had *not* died.

And so, by water, to the Hill of Savoy, and in embarking, did tread upon the foot of the bargee, who was exceeding pained, and did chide me, using strange words, such as are not heard during the Children's Hour.

Alighted at the bottom of the Hill and did seek the office of the B.B.C. But in the street did espy a most comely maiden withal having the eye which is called joyous.

(The manuscript is somewhat obscure, being partially obliterated by a large circular ring. A distinguished professor states that it has every appearance of being an attempt by Pepys to cast a horoscope in the margin. Another distinguished antiquarian, however, is of opinion that the mark is the imprint of a pewter tankard, period Carolus Two, capacity two firkins. However, the MS. continues.)

A Feverish Pun.

So, to dine, at the sign of the Bull in Holborne, and was exceeding merry, for my foot is not that of the Pussy!

So, to Savoy Hill once more and, encouraged by wine, did propose to broadcast a most valiant and eloquent discourse. But, haply, a fever which I had developed upon the King's service did seize upon me and my utterances were somewhat obscure. Whereupon, Uncle Jeff did entreat me not to Mutt—er. Then I to upbraid him for a false-hearted knave and did quit the place, being greatly vexed.

And so to bed.

WIRELESS "STARS" AT A CONCERT.

ON Friday, February 15th, listeners in Manchester will have the rare opportunity of seeing their favourite wireless artistes in person, for, on that date, at 7.30 p.m., a concert is to be given at the Free Trade Hall, when many popular "stars" will appear.

The concert is to benefit one of Lancashire's principal charities, namely the Summer Camp for Poor Boys, Birkdale (Branch of the Boys' and Girls' Refuges and Homes, Manchester).

"The Birkdale Camp," as it is more popularly known, has for its object the providing of a week's holiday for poor boys. Over 4,000 lads from the poorest parts of the city were taken for a holiday last year, and, altogether, up to the present, nearly 80,000 boys have benefitted.

Rhythm in Poetry.

A Talk from Manchester, by W. L. Marsland.

POETRY is almost the oldest form of entertainment, and in earlier, less sophisticated days, men were glad to show their delight in it. The Bard, whose performance was more a recitation with a harp accompaniment than a song, was a welcome guest at any feast, and some writers even suggest that a good Bard was blinded to prevent his leaving a tribe or village.

All great achievements or sorrows were celebrated in verse or ballad. But to-day, though poetry is a little more popular than it was before the war, it is still rather a despised sister of music. Yet poetry and music are kin, for beauty of sound is their chief appeal. Sense, of course matters, but I think that beauty of sound comes first. Perhaps music pleases more because there is not the distraction of the word meaning: we may give what play we like to the feelings stirred by its tones, whereas, in poetry—at least that in a language we understand—we are confined to the meaning of the words.

Combining Metres.

But, underlying both music and poetry is the basic principle of rhythm. And rhythm is the great appeal in poetry. There are not countless rhythms at a poet's disposal, but great variety can be obtained by skilful combining of metres, and of course by judicious use of word sounds. To combine a dance tune with funereal words would be silly. And so a poet who wished to write a poem of happy and lively character would choose a lively rhythm and light, happy words. I think at once of a poem by W. de la Mare called "Off the Ground":—

Three jolly farmers
Once bet a pound
Each dance the other would
Off the ground.
Out of their coats
They slipped right soon
And neat and nicesome
Put each his shoon.
One—Two—Three!
And away they go
Not too fast
And not too slow.

It is a veritable jig! A modern American poet, Vachel Lindsay, seems to be of the opinion that *all* poetry should be capable of being danced!

A different, but equally fitting, rhythm is used by the late James Elroy Flecker, author of "Hassan." He wished to give the effect of a strong force in swift movement in his poem, "The War Song of the Saracens," of which these are the opening lines:—

"We are they who come faster than fate:
we are they who ride early or late,
We storm at your ivory gate: Pale Kings
of the Sunset, beware!"

The Bells.

Listen to the tramp of armed men in the "Gathering Song of Donald the Black," by Scott:—

"Pibroch of Donuil Dhu
Pibroch of Donuil,
Wake thy wild voice anew,
Summon Clan Conuil
Come away, come away,
Hark to the summons,
Come in your war-array
Gentles and commons."

Again, when Longfellow wrote "Christmas Bells," he needed a suitable rhythm, and built his verse on the metre of a peal of eight bells:—

"I heard the bells on Christmas Day
Their old familiar carols play,
And wild and sweet
The words repeat
Of peace on earth, goodwill to men."

Finality and Peace.

Yet another rhythm is that slow, steady one used by Tennyson in "Crossing the Bar," with its sense of finality and peace. Here is the first verse:—

"Sunset and evening star,
And one clear call for me
And may there be no moaning of the bar
When I put out to sea."

And, to close on a high note, here is part of Satan's Address to the Sun, from Milton's "Paradise Lost," written in fine sonorous verse to a steady rhythm:—

"O, thou that, with surpassing glory crowned,
Look'st from thy sole dominion, like the
God of this new world, at whose sight all
the stars
Hide their diminished heads, to thee I call
But with no friendly voice."



ANOTHER WIRELESS DEVELOPMENT?
And one eagerly awaited by thirsty Americans.

PEOPLE IN THE PROGRAMMES—GOSSIP ABOUT ARTISTES & OTHERS

Why He Was Chosen.



MISS WINIFRED SMITH.

MISS WINIFRED E. SMITH, whose soprano singing is popular with Bournemouth listeners, tells me a good story concerning a young amateur singer at a country-house party. His voice was anything but good, but he would persist on inflicting song after song upon the company. When the time came for the guests to depart, he was immensely flattered when a pretty girl asked if he would mind escorting her part of the way home, as the country roads were very dark, and she was nervous.

Of course, he agreed, and during their walk he couldn't resist asking: "Why did you think I was the strongest and bravest man there to-night?"

"Oh, I didn't," answered the girl. "I picked you because I knew that you could shout the loudest!"

That Settled Him.

FEW musicians are as painstaking in their work as is Miss Beatrice Eveline, the 'cellist. She makes a point of hearing every 'cellist who plays in London, and after carefully studying their various methods, she reasons out her own interpretations.

Miss Eveline is Welsh by birth, and she was only eight years old when she won a prize at the National Eisteddfod. Besides many provincial towns, she has appeared at the Queen's Hall Promenade Concerts with success.

Muzzled.

MISS EVELINE tells of a boastful traveller who was very nicely "sat upon." He had bored his companions for about half an hour with a story of how he had once escaped from a pack of wolves. "Now," he went on, "I could hear their panting breath, and then I felt their muzzles touching me—"

"You must have been glad," interrupted a mild young man, with a yawn.

"Glad!" thundered the story-teller. "Why glad?"

"When you found they had their muzzles on," replied the mild young man.

They Are Still Rivals.



MR. LIDDELL PEDDISON.

MR. LIDDELL PEDDISON, who broadcasts from Glasgow, tells me that he began to study music when he was only seven years old. "I chose to learn the flute and piccolo," he says, "and absolutely refused to have anything to do with the piano, as at that age I considered it a girl's instrument!" When about seventeen, Mr. Peddison took up singing, and since then he has sung both in opera and on the concert platform.

Mr. Peddison relates that two rival singers were once boasting about their respective recitals.

"After my recital," said one, "the audience took more than half an hour to leave."

"How was that?" asked the other. "Was he lame?"

Lady Maud Warrender.

LADY MAUD WARRENDER, who is to sing at London Station on Sunday, February 10th, is one of the best amateur vocalists and actresses of the day. She has had many distinguished audiences. On one occasion she sang before a specially invited audience at St. Paul's Cathedral. Another time she sang a duet with Mme. Melba, and she has frequently given selections at Sandringham and at Buckingham Palace. But Lady Warrender, has confessed that nothing gives her greater pleasure than to sing to the wives of our sailors.

A Compliment.

"AS a sailor's wife," she has said, "I want to help and comfort other sailors' wives who are in trouble," and she has done a great deal for the benefit of the dependents of the men who "go down to the sea in ships."

Probably the best compliment that was ever paid to Lady Warrender was contributed by a one-armed warrior at Plymouth, who had evidently suffered from the efforts of some would-be philanthropists. "Many who sing to us," he said, "think we only care for songs from revues, but they are quite wrong. Lady Maud brings us quite other sentiments and better music, too."

What's In a Name?

MISS MARIE NICHOLSON, who has been singing at Newcastle, is noted for her good diction, and listeners can always hear every word of her songs.

She relates a funny story concerning a patient who was very anxious about his health.

"Now, doctor," he said, "if there is anything seriously wrong with me, don't frighten me by giving it a long scientific name, but just tell me what it is in ordinary English."

"Well, the fact is," replied the doctor, "I am afraid that you are merely lazy."

"Thanks," said the patient. "Now please tell me the scientific name for it. I shall have to tell my wife what is the matter with me!"

A Versatile Doctor.

A "TALK" that listeners should make a point of hearing will be given by Dr. C. W. Saleeby from London Station on Monday, the 11th inst., at 9.45 p.m. His subject will be "Light and Life," and he is certain to have many illuminating things to say.

Dr. Saleeby is one of the most enthusiastic of present-day publicists, and although eugenics is his favourite topic, he has written and lectured on many other subjects—including such varied themes as sunlight, prohibition, and helmets and body armour!

In spite of his busy life, Dr. Saleeby still finds time to go in for recreation of an athletic nature. He is an expert swimmer and a keen traveller, and formerly he was a first-class amateur cricketer. He has confessed, however, that one of his favourite amusements is "going to the pictures," which, he says, he finds a welcome rest after a day's hard work.

Two Kinds of "Works."

ONE of the first artistes to broadcast from Newcastle is Miss Lilian Rowell, who is noted for her deep contralto voice.

Miss Rowell tells a good story of a hard-headed, self-made business man who once took in to dinner, at a party, a well-known woman pianist.

She tried in vain to interest him in various artistic subjects, and at last she asked: "Do you like Beethoven's works?"

"I never visited them," he replied. Then, with a show of interest, he added: "What does he manufacture?"

"Auntie Sophie."



MISS CECIL DIXON.

A PIANOFORTE recital that should be specially interesting to listeners is to be given at the Aeolian Hall on Wednesday, the 13th inst., at 8.15 p.m. The artiste will be Miss Cecil Dixon, the popular "Auntie Sophie" at London Station. Miss Dixon is a favourite with the children during "The Children's Hour," and grown-ups look forward to her pianoforte playing during other parts of the programme. This versatile artiste was born in the Fiji Islands, and when she came to England she studied music under Mr. Herbert Sharp and Tobias Matthay.

In addition to her duties with the B.B.C., Miss Dixon puts in a lot of work at the Royal College of Music, where she is on the staff.

A Chinese Ruse.

AN amusing story was told me the other day by Mr. Arthur James England, who has sung with success at Bournemouth. During the war he was attached to several concert parties, in France.

One day, he relates, a large party of Chinese were unloading a cargo of mutton at Boulogne and thought they would like a little extra ration of meat.

So, after they had finished all their work, they carefully wrapped a carcase of mutton in a comrade's overcoat, placed a hat on top, and, carefully supporting it between them, they marched from dock to camp.

On being pulled up by the sentry, they reported: "One man plenty sick," and in the dark the sentry passed them on, with instructions to get the "sick man" into camp immediately—and so they got their mutton!

An Organizer For Charity.



MR. SAM FITTON.

A WELL-KNOWN figure in Manchester is Mr. Sam Fitton, who, with Mr. Dan Godfrey, junior, has organized the concert which is to be simultaneously broadcast from the Manchester Free Trade Hall on Friday, February 15th. Among Mr. Fitton's many activities is his work for the Birkdale Camp for poor City boys, and a week of grand opera which he organized for this charity resulted in a profit of nearly £1,300. He is a vocalist of no mean ability, and he has sung in *Pagliacci*, under Sir Henry Wood, and he has also appeared at the London Palladium.

A PENNYWORTH OF WIRELESS.

DO you know that you can have five minutes of a broadcasting programme for the small sum of one penny? In an old-fashioned inn, near Westminster Abbey, there is installed a wireless set, and visitors, on payment of the small sum mentioned, are allowed to hear whatever the B.B.C. may happen to be transmitting at the moment.

WIRELESS ENTHUSIAST: "I could not hear a thing last night. The people next door were osculating all the time."

Readers' Own Humour.

Funny Stories Told by Listeners.

IN recent issues of *The Radio Times* readers were asked to send accounts of funny things they had seen and heard in connection with wireless. This week we print a further selection, for which payment will be made.

I invited an old woman to listen, and she was very interested. She asked all kinds of questions about wireless, which I answered to the best of my ability.

"It's most wonderful, indeed!" she exclaimed, when I had finished. "But how do these wave lengths find your aerials in the dark?"—C. WOODS, London, S.E.

Music for the Worms.

The other night, after listening, my little boy, aged four and a half, was put to bed, and as I had to go out on business, I switched the machine off and connected aerial to earth, as usual.

While I was doing this, my boy was watching me—the lead-in being through his room—and he said: "What are you doing, daddy?"

"I am switching the aerial to earth," I replied.

"Are you giving the worms some music?" he asked.—H. J. COOPER, London, S.E.

As it was rather dry weather, I went out to pour a bucket of water over the place where my earth wire is buried. A friend who saw me doing this, remarked: "Oh, I see how it works now. You put water on it to make the 'waves'!"—D. LEES, Airdrie, N.B.

Much interest was aroused locally when I erected my aerial poles, as they were the first in the parish, and many and varied were the remarks of the parishioners regarding them.

One man, spotting the knot on the top of one of the poles, said to a friend: "What is that knot for?"

"Why," was the answer, "that's their loud-speaker!"—R. SHUTE, Peasemore, Berks.

My son, aged three, is an enthusiastic listener. Once, when listening to an orchestra, he said: "Have they got a drum?"

"I don't know," I replied.

"Then," he said, pointing to the ear-phone, "open this and look in and see!"—J. W. TWEDDLE, Coxhoe, Durham.

We have a little boy friend who occasionally comes to our home to listen. One day, he said to my wife: "Did you listen again last night?"

"Yes."

"And was Uncle Jeff there?"

"Yes; he was the conductor."

"The conductor!" echoed the little fellow.

"Well, where did he put his 'bus'?"—W. T. LAZELL, London, S.W.

A "Relay."

I invited a friend to listen to the American transmission, and after he had done so for some time, I informed him that it was a relay.

"Yes, I thought so," he said. "I could hear the hen cackling in the 'phones.'"—T. RAINFORD, Skelmersdale.

One evening, three friends came to see us, and while two were listening, the third turned to me and said: "So, yours is a two-valve set?"

"No," I answered, "it is three valves."

"Oh," he said, "then three can listen with it."—(Mrs.) E. A. LUTTMAN, High Wycombe.

Other People's Opinions.

LISTENING TO AMERICA.

WHAT one seems to need for American broadcasting is moderately stormy weather, with plenty of rain and a good deal of wind. If the glass is low but steady and conditions have remained unchanged for twenty-four hours, you can usually count upon getting pretty good results.

But if you have either very fine or very stormy weather, with rapid changes both in the temperature and in the barometer readings, it is not usually worth while to burn much midnight oil in the hope of bringing in voices from across the Herring Pond.—*Amateur Wireless*.

THE SECRET OF SUCCESS.

BRITISH broadcasting has been so surprisingly successful because in a large measure it has been imbued by tremendous enthusiasm on the part of its pioneer workers. It is hard to decide whether broadcasting produces enthusiasm or the enthusiasm produces good broadcasting.

But enthusiasm has been the great characteristic, and no matter which of the eight British broadcasting stations comes under review, this vitalising element of enthusiasm can be found.—*Popular Wireless Weekly*.

INTERNATIONAL WIRELESS.

I HAVE no doubt that the future will realize international wireless between amateurs to an extent scarcely as yet imagined. The established broadcasting companies have the system pretty well in hand already, but their method is too restrictive for general use. I listened to a Paris concert the other week with a crystal set, but the transmission was firstly picked up by the 2LO Station and retransmitted.

We are as yet merely on the eve of wireless wonders, and it will be interesting to know to what point of perfection we shall reach a year hence.—*The Sound Wave*.

WIRELESS WIZARDRY.

FROM the alarm clock in the morning to the concert after supper, the wireless wizards can already take us through dozens of things in the day, and this is only the beginning of the beginning.

It is not impossible that in due time wireless may make travelling almost unnecessary, for it may bring the face as well as the voice of the man in California into your London office—and even sailors may not be wanted on ships. In fact, making wires may become a dead trade except for rural fences—and hairpins.—*The Evening News*.

A NEW FACTOR.

IT is quite wrong to regard broadcasting only as a form of amusement, or even merely as a wonderful scientific achievement. A form of amusement it is undoubtedly, and, moreover, one of very excellent quality. In fact, if we were to examine critically a number of typical programmes, and select any one at random, it would be hard to find one which did not compare favourably with or even excel that of other forms of entertainment which we are accustomed to enjoy.

But broadcasting is more than amusement and entertainment. It is rapidly becoming a new factor in man's existence, as those who ignore it will realize more quickly than those who are already alive to its value.—*The Daily Telegraph*.

MAKES EVERY PESSIMIST AN OPTIMIST.



A canny old Scot, named McLusky,
From dryness was getting quite husky,
Chanced a "Humorist" to see—
"Hoots," he chortled with glee,
"I'd sooner hae' this than a whusky!"

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WIRELESS PROGRAMME—SUNDAY (Feb. 10th.)

The letters "S.B." printed in italics in these Programmes signify a Simultaneous Broadcast from the station mentioned.

LONDON.

(Call Sign, 2LO. Wave-Length, 365 Metres.)

CONCERT.

S.B. to all Stations.

3.0. VLADIMOFF'S BALALAICA ORCHESTRA.

- Russian Song *Varlamoff*
- "Butterfly," Waltz *Andreeff*
- "March of the Bodyguards of the Czar Nicholas II." *Andreeff*
- MARJORIE CLARE (Mezzo-Soprano).
- "Just Been Wondering" *Irene Canning*
(With Cello Obligato.)

THE REV. CANON H. BICKERSTETH OTTLEY, M.A., will read "The Pipe of Peace" ("Hiawatha") (*Longfellow*).

SETH LANCASTER (Solo Cello).

- "Romance" *Tom Seidon*
- "Petite Valse" *Hollman*

GERALD ADAMS (Tenor).

- "There is a Flower that Bloometh" ("Maritana") *Wallace*
- "I Pitch My Lonely Caravan at Night" *Eric Coates*

Vladimoff's Balalaika Orchestra.

- "Life's Roadway" *A. Emmett Adams*
- "Chanson" ("In Love") *Rudolf Friml*
- "Polianka" (Musical Sketch) *Vladimoff*

4.0.—MAJOR L. R. TOSSWILL, O.B.E., on "The Devonshire Dialect," with Illustrations.

Seth Lancaster.

- Andante *Massenet*
- "If Thou Wert Blind" *Noel Johnson*
- "Aubade" *Hollman*

Marjorie Clare.

- "My Task" *Ashford*
(With Cello Obligato.)

THE REV. CANON H. BICKERSTETH OTTLEY, M.A., Readings from Tennyson.

Gerald Adams.

- "I Know of Two Bright Eyes" *Clutsam*
- "Bonnie Wee Thing" *Fox*
- "Here in the Quiet Hills" *Gerald Carne*

Vladimoff's Balalaika Orchestra.

- "Valse Caprice" *Andreeff*
- "Romero" (Tango) *Penso*
- "Brightly Shines the Silver Moon" *arr. Andreeff*

(Variations on a popular Folk-Dance.)

5.0.—Close down.

Announcer: J. S. Dodgson.

5.0-5.30.—CHILDREN'S CORNER. S.B. from Glasgow.

SUNDAY EVENING.

8.30.—Hymn, "Praise my Soul, the King of Heaven" (A. and M. 298).

THE REV. HENRY EDWARDS, Vicar of Gorleston and Vicar Designate of Watford. Hymn, "The Day Thou Gavest" (A. and M. 477).

LADY MAUD WARRENDER.

- "He Shall Feed His Flock" ("The Messiah") *Handel*

THE WIRELESS ORCHESTRA.

Conducted by L. STANTON JEFFERIES.

- Overture, "Coriolanus" *Beethoven*
- Praeludium *Järnefelt*

THE MAYFAIR SINGERS.

- "Down in a Flow'ry Vale" *Festa*
- "A Ballad When at Sea" *Brewer*
- "Tom, the Piper's Son" *Kendall*
- "Sweet and Low" *Barnby*

Orchestra.

- Andante Cantabile from String Quartet, Op. II *Tchaikovsky*
- "Pas des Fleurs" from "Naila" *Delibes*

CECIL DIXON (Solo Pianoforte).

- Romance in F Sharp *Schumann*
- Etude in D Flat *Liszt*

Lady Maud Warrender.

- "Aymee" *arr. Hannah Bryant*

- "To Music" *Schubert*
- "The Green Banks of the Suir" *Old Irish*

10.0.—TIME SIGNAL, AND GENERAL NEWS BULLETIN. S.B. to all Stations except Cardiff.

Local News and Weather Forecast.

Orchestra.

- "Saeterjentens Sondag" *Ole Bull*
(Solo Trombone, Frank Taylor.)
- Cecil Dixon.

- Melodie *Rachmaninoff*
- Prelude in B Flat *Rachmaninoff*

Orchestra.

- Three Dances, "Henry VIII." *German*

10.45.—Close down.

Announcer: C. A. Lewis.

BIRMINGHAM.

(Call Sign, 5IT. Wave-Length, 475 Metres.)

3.0-5.0.—CONCERT. S.B. from London.

5.0-5.30.—CHILDREN'S CORNER. S.B. from Glasgow.

8.30.—STATION REPERTORY CHOIR.

- Hymn, "Praise to the Holiest in the Height" (A. and M. 172).

THE REV. W. GROME-MERRILIES, St. Anne's Church, Duddleston. Religious Address.

Station Repertory Choir.

- Two Carols, "The Holly and the Ivy."
- "O Come, All Ye Faithful" ("Bethlehem") *Boughton*

9.0. THE STATION ORCHESTRA.

Conducted by JOSEPH LEWIS.

- Overture, "Egmont" *Beethoven*
- Symphony, "The Oxford" *Haydn*

(a) Adagio—allegro spiritoso; (b) Adagio; (c) Menuetto; (d) Presto.

9.30. HAROLD CASEY (Baritone).

- "Bois Epais" *Lully*
- "Now Sleeps the Crimson Petal" *Quilter*

Orchestra.

- Morceau, "Traumerie" *Schumann*
- Selection, "Reminiscences of Verdi" *arr. Godfrey*

10.0.—NEWS. S.B. from London.

Local News and Weather Forecast.

10.15.—Close down.

BOURNEMOUTH.

(Call sign, 6BM. Wave-Length, 385 Metres.)

3.0-5.0.—CONCERT. S.B. from London.

5.0-5.30.—CHILDREN'S CORNER. S.B. from Glasgow.

8.30. FREDERICK CARLTON (Baritone).

- "O Mistress Mine" *Quilter*

8.35. ANTONIO MEO (Solo Harpist).

- "Nun's Prayer" *Oberthur*

8.40. EAST CLIFF CONGREGATIONAL CHURCH CHOIR.

(Under the Direction of DR. H. V. PEARCE.)

- Hymn, "Sun of My Soul" *(Congl. Hymnal 683)*

8.45.—THE REV. H. T. MADDEFORD, East Cliff Congregational Church. Religious Address.

9.0. Choir.

- Hymn, "The Day is Past and Over" *(Congl. Hymnal 693)*

Anthem, "Evening and Morning" *Dakeley*

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9.10. Antonio Meo.

- Humoreske *Deorak*

9.20. VERA NORTON (Mezzo-Soprano).

- Elégie *Massenet*

9.25. Fred Carlton.

- "Come Away, Death" *Quilter*

9.30. Choir.

- Chorus, "Gloria" *Mozart*

9.35. Antonio Meo.

- "The Turkish Patrol" *Michaelis*

9.40. Vera Norton.

- "Ave Maria" *Mascagni*

9.45. Fred Carlton.

- "Now Sleeps the Crimson Petal" *Quilter*
- "Blow, Blow, Thou Winter Wind" *Quilter*
- "Drink to Me Only" *Quilter*

10.0.—NEWS. S.B. from London.

Local News and Weather Forecast.

10.15.—Close down.

Announcer: Bertram Fryer.

CARDIFF.

(Call Sign, 5WA. Wave-Length, 353 Metres.)

3.0-5.0.—CONCERT. S.B. from London.

5.0-5.30.—CHILDREN'S CORNER. S.B. from Glasgow.

8.10. CONWAY ROAD WESLEYAN CHURCH CHOIR.

- Hymn, "Jesus the First and Last" (Tune: St. Olave) *Sir J. Barnby*
- Anthem, "Evening and Morning" *Sir Herbert Oakley*

THE REV. WALTER E. REES, Conway Road Wesleyan Church. Religious Address.

- Hymn, "Thro' the Day, Thy Love Hath Spared Us" (Tune: Evensong) *Dr. J. Summers*

8.30. Modern Russian Night.

THE STATION SYMPHONY ORCHESTRA.

Conductor: OLIVER RAYMOND.

Vocalist: SOPHIE THOMSON-DE-KONSHEN.

"MR. EVERYMAN" in a Critical Commentary.

- I. Symphony No. 1 in G. Minor. *Tchaikovsky*
(First and Third Movements only.)

- II. Songs, "I Wish to Unite in One Word" *Tchaikovsky*
- "A Night in July" *Tchaikovsky*

- III. Symphonic Poem, "Stenka Razin" *Glazounov*

- IV. Songs, "The Harvest of Sorrow" *Rachmaninoff*
- "The Lilacs" *Bachmaninoff*
- "Lullaby" *Gretchaninoff*

- V. Fantasia, "A Night in the Black Mountain" *Moussorgsky*

The National Anthem.

NEWS BULLETIN.

10.20.—Close down.

Announcer: A. Corbett-Smith.

MANCHESTER.

(Call Sign, 2ZY. Wave-Length, 375 Metres.)

3.0-5.0.—CONCERT. S.B. from London.

5.0-5.30.—CHILDREN'S HOUR. S.B. from Glasgow.

8.0.—SIDNEY G. HONEY: Talk to Young People.

8.30.—Hymn, "Jesu, Lover of My Soul."

8.35.—THE REV. CANON R. LAVERS KEMP, of West Didsbury. Religious Address.

- Hymn, "Abide With Me."

8.50. THE ALBERT HALL CHOIR.

Conductor, FRED SUTCLIFFE, A.R.C.M.

Accompanist, MARGARET FURNESS, A.R.C.M.

- Hallelujah Chorus from "The Mount of Olives" *Beethoven*
- EDNA READ (Soprano).
- "O Divine Redeemer" *Gounod*

The Choir.

- Hymn to Music *Buck*
- "Night, Lovely Night" *Berger*

(Continued in col. 1, page 267.)



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WIRELESS PROGRAMME—MONDAY (Feb. 11th.)

The letters "S.B." printed in italics in these Programmes signify a Simultaneous Broadcast from the station mentioned.

LONDON.

(Call Sign, 2LO. Wave-Length, 365 Metres.)

- 3.30-4.30.—Concert: The Wireless Trio and Connie Marshall (Contralto).
 5.0.—WOMEN'S HOUR: "A Woman Protests," by Marjorie Bowen. The Wireless Trio. Mr. Pollard Crowther on "Reminiscences of Japan."
 5.30.—CHILDREN'S STORIES: Uncle Pollard Crowther, "A Japanese Fairy Story." "Wheat—from Seed," by W. Sieve.
 6.15.—Boys' Brigade News.
 6.25-7.0.—Interval.
 7.0.—TIME SIGNAL, AND 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*
 JOHN STRACHEY (the B.B.C. Literary Critic): "Weekly Book Talk." *S.B. to all Stations.*
 Local News and Weather Forecast.

Popular Concert.

(*S.B. to all Stations except Cardiff.*)

- 7.30.—THE WIRELESS ORCHESTRA.
 Conducted by L. STANTON JEFFERIES.
 Overture, "Ruy Blas" Mendelssohn
 Valse, "Thoughts" Audiffé
 Melody, "The Lost Chord" Sullivan
 (Solo Cornet, Charles Leggett.)
 SYDNEY COLTHAM (Tenor).
 "Passing By" Purcell
 "The English Rose" German Orchestra.
 Fantasia on "Tannhäuser" .. Wagner-Taran
 "Salut d'Amour" Elgar
 THE NOVELTY TRIO.
 MARGARET GLANVILLE and HARRY EAST: Duet, "Excelsior."
 RONALD GOURLEY in Music and Humour.
 Harry East, In the Thick of the Fight.
 Margaret Glanville and Ronald Gourley:
 Duet: "My Arabian Maiden."
 Margaret Glanville, Harry East and Ronald Gourley: Trio, "The First Forty Years."
 Orchestra.
 Second Movement (Larghetto) from Symphony No. 2 Beethoven
 "A Hunting Scene" Bucalossi
 Sydney Coltham.
 "Thinking of You" Coates
 "Moon Daisies" Coates
 "Serenade" Schubert
 Orchestra.
 Three Dances, "Nell Gwyn" German
 9.30.—TIME SIGNAL, AND 2ND GENERAL NEWS BULLETIN. *S.B. to all Stations.*
 Local News and Weather Forecast.
 9.45.—C. W. SALEEBY, M.D., F.R.S.E., F.Z.S., the well-known Eugenist, on "Light and Life." *S.B. to all Stations except Cardiff.*
 10.0.—Programme *S.B. to all Stations.*
 Orchestra.
 Selection, "Kissing Time" Caryl
 Two Norwegian Dances Grieg
 "The Night Patrol" Martell
 10.30.—Close down.
 Announcer: R. F. Palmer.

BIRMINGHAM.

(Call Sign, 5IT. Wave-Length, 475 Metres.)

- 3.30.—The Kendrick-Waltho Trio: N. Kendrick-Waltho (Violin), G. D. Kendrick-Waltho (Cello), H. Kendrick-Waltho (Piano).
 5.0.—WOMEN'S CORNER: Sidney Rodgers, F.R.H.S., on "Topical Horticultural Hints."
 5.30.—Agricultural Weather Forecast.
 KIDDIES' CORNER.
 6.30.—Teens' Corner.
 7.0.—NEWS. *S.B. from London.*
 JOHN STRACHEY. *S.B. from London.*
 Local News and Weather Forecast.
 7.30-10.30.—The entire Programme *S.B. from London.*
 Announcer: H. Cecil Pearson.

BOURNEMOUTH.

(Call Sign, 6BM. Wave-Length, 385 Metres.)

- 3.45.—Senior's Trio, John Finlayson (Solo Cello), Frederick C. Senior (Solo Pianoforte).
 4.45.—WOMEN'S HOUR.
 5.15.—KIDDIES' HOUR.
 6.0.—Boys' Brigade News.
 6.15.—Scholars' Half-Hour: Miss E. M. Rodda, "Monastic Life."
 7.0.—NEWS. *S.B. from London.*
 JOHN STRACHEY. *S.B. from London.*
 Local News and Weather Forecast.
 7.30-10.30.—The entire Programme *S.B. from London.*
 Announcer: W. R. Keene.

CARDIFF.

(Call Sign, 5WA. Wave-Length, 353 Metres.)

- 3.30-4.30.—Falkman and his Orchestra relayed from the Capitol Cinema.
 5.0.—"5WA'S" "FIVE O'CLOCKS." "Mr. Everyman," Talks to Women, Vocal and Instrumental Artists, the Station Orchestra. Weather Forecast.
 5.45.—THE HOUR OF THE "KIDDIE-WINKS."
 7.0.—NEWS. *S.B. from London.*
 JOHN STRACHEY. *S.B. from London.*
 Local News.
 BAND OF THE 12TH ROYAL LANCERS (Prince of Wales).
 (By kind permission of Lt.-Col. J. Blakiston-Houston, D.S.O.)
 Conductor: MR. J. F. GOODERED.
 Vocalist: TALBOT JONES.
 7.30.—Band: Introduction to Act III. and Bridal Chorus from "Lohengrin" .. Wagner
 Overture, "Tam o' Shanter" ("The Hour Approaches; Tam maun ride") Drysdale
 7.50.—Songs: "The Magic of Thy Presence" Quilter
 "In Dreams Fleeting" Oldroyd
 8.0.—Band: Tubaphone Solo, "The Butterfly" Bendix
 (Soloist, Corpl. J. E. Browne.)
 "Three Hungarian Dances" Brahms
 Selection, "La Boutique Fantasque" Rossini-Respighi
 8.30.—Songs: "I Sent You a Song" Sanderson
 "Jean" Marjory Meade
 8.40.—Band: "Three Egyptian Scenes" Harris
 (a) "In the Palace"; (b) "Dance of the Hour"; (c) "A Village Festival."
 Cornet Soli, (a) "Dance Russe" Tchaikovsky
 (b) "None but the Weary Heart" Tchaikovsky
 (Soloist, Musician T. W. Dunn.)

8.55.—P. E. WATKINS, Chairman of the Welsh Workers' Educational Association, on "The Workers' Educational Association."

- 9.5.—Songs: "Everywhere I Go" Easthope Martin
 "The Minstrel" Easthope Martin
 9.10.—Band: Serenade from the Ballet "Les Millions d'Arlequin" Drigo
 Suite in E Flat Holst
 (a) Chaconne; (b) Intermezzo; (c) March.
 9.30.—NEWS. *S.B. from London.*
 Local News and Weather Forecast.
 9.45.—MAJOR W. T. BLAKE on "Flying over the Arabian Desert."
 10.0.—Programme *S.B. from London.*
 10.30.—Close down.
 Announcer: W. N. Settle.

MANCHESTER.

(Call Sign, 2ZY. Wave-Length, 375 Metres.)

- 3.30-4.30.—Concert by the "2ZY" Trio.
 5.0.—WOMEN'S HOUR.
 5.25.—Farmers' Weather Forecast.
 5.30.—CHILDREN'S HOUR.
 6.35.—Boys' Brigade News.
 6.40.—FRANCIS J. STAFFORD, M.A., M.Ed., German Talk.
 7.0.—NEWS. *S.B. from London.*
 JOHN STRACHEY. *S.B. from London.*
 Local News and Weather Forecast.
 7.30-10.30.—The entire Programme *S.B. from London.*
 Announcer: Sidney G. Honey.

NEWCASTLE.

(Call Sign, 5NO. Wave-Length, 400 Metres.)

- 3.45.—Concert: Peggy Campbell (Solo Pianoforte), Edyth English (Contralto), Thomas Golder (Solo Cornet).
 4.45.—WOMEN'S HOUR.
 5.15.—CHILDREN'S HOUR: Mr. A. Rae, M.A., on "Radio-activity," Part 2.
 6.30.—Boys' Brigade News.
 6.45.—Farmers' Corner.
 7.0.—NEWS. *S.B. from London.*
 JOHN STRACHEY. *S.B. from London.*
 Local News and Weather Forecast.
 7.30-10.30.—The entire Programme *S.B. from London.*
 Announcer: R. C. Pratt.

EVENTS OF THE WEEK.

SUNDAY, FEBRUARY 10th.

MANCHESTER, 8.50.—Albert Hall Choir.

TUESDAY, FEBRUARY 12th.

ABERDEEN, 4.30.—Abraham Lincoln Anniversary—Recital of the Gettysburg Speech.

7.20.—French Classical Composers' Night.

WEDNESDAY, FEBRUARY 13th.

CARDIFF, 7.30.—Birthday Anniversary of Cardiff Station.

THURSDAY, FEBRUARY 14th.

LONDON, 8.30.—Lecture Recital of Modern Russian Music.

ABERDEEN, 7.35.—Comic Opera, "The Grand Duchess of Gerolstein."

FRIDAY, FEBRUARY 15th.

NEWCASTLE, 7.35.—'Cello and Pianoforte Recital—Carl Fuchs and Edgar P. Bainton.

LONDON, 10.13.—"Parsifal," from Covent Garden. S. B. to all Stations. 7.30.—"Hamlet."

ABERDEEN, 7.30.—Scenes from Dickens.
 MANCHESTER, 7.30.—Concert in the Free Trade Hall, Beecham Operatic Chorus and Station Symphony Orchestra.

GLASGOW, 7.45.—Story Recital of "Antony and Cleopatra."

SATURDAY, FEBRUARY 16th.

LONDON, 8.15.—"Cavalleria Rusticana" and "Pagliacci," from Covent Garden. S.B. to all Stations.

GLASGOW, 7.30.—Welsh Night.

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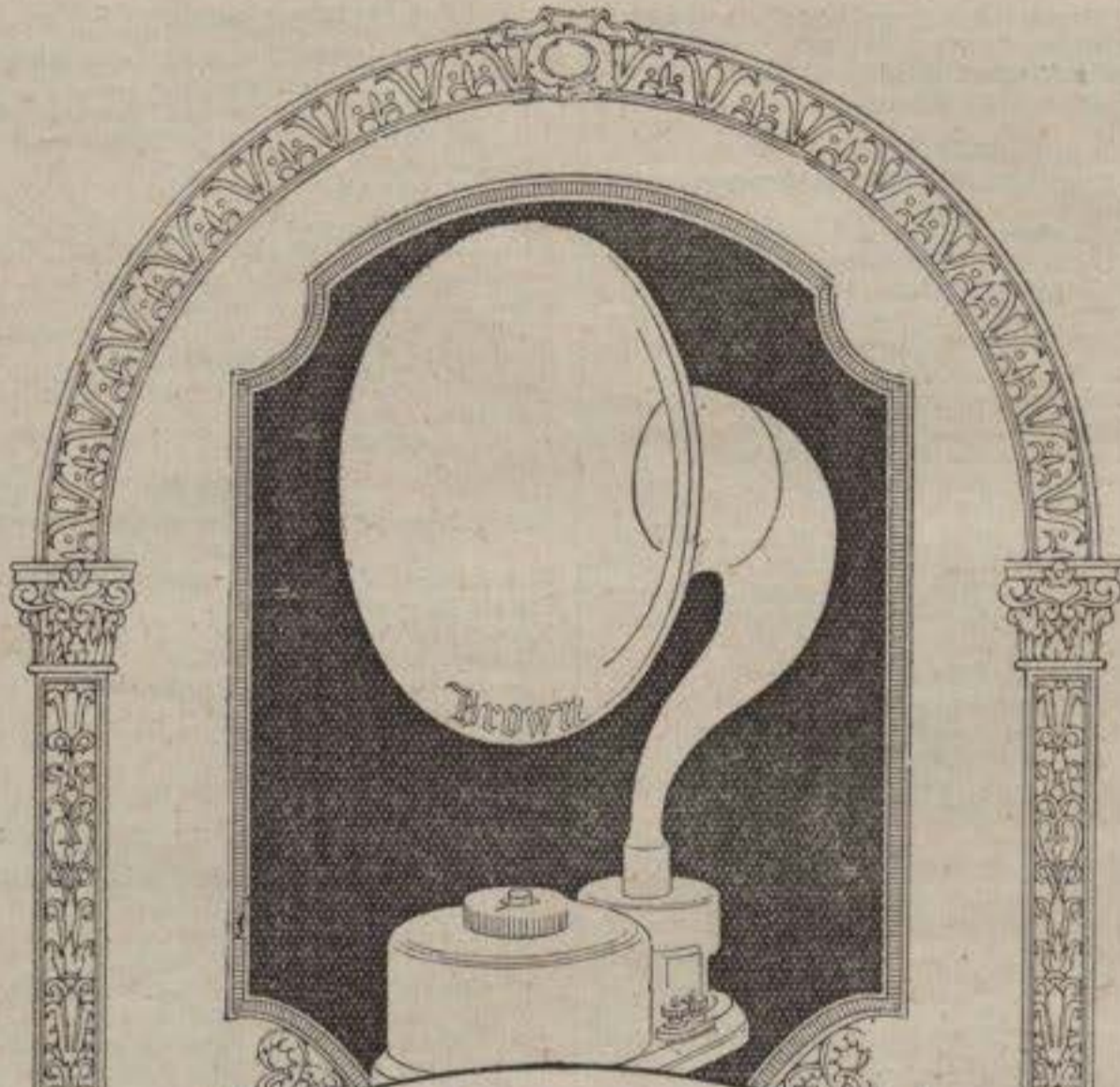
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Gilbert Ad.

WIRELESS PROGRAMME—TUESDAY (Feb. 12th.)

The letters "S.B." printed in italics in these Programmes signify a Simultaneous Broadcast from the station mentioned.

LONDON.

(Call Sign, 2LO. Wave-Length, 365 Metres.)

3.30-4.30.—Concert: The Wireless Trio and Sidney Leake (Baritone).

5.0.—WOMEN'S HOUR: "Cruelty to Parents," by Mrs. Gordon Stables. Songs by Hilton Edwards (Baritone). A Talk on "Hockey," by Miss W. A. Baumann.

5.30.—CHILDREN'S STORIES: "The Canterbury Tales—The Lawyer's Tale," adapted by Leonard Badman. A Talk on "Handicrafts—Fretwork," by F. S. Thomas.

6.15.—MR. W. B. MAXWELL, the well-known novelist, will make an Appeal on behalf of "Our Dumb Friends' League."

6.30-7.0.—Interval.

7.0.—TIME SIGNAL AND 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*

M. E. M. STEPHAN, French Talk. *S.B. to other Stations.*

For details, see page 271.
Local News and Weather Forecast.

7.30. **French Programme.**

THE BAND OF H. M. GRENADIER GUARDS. By permission of Col. B. N. Sergison Brooke, C.M.G., D.S.O.

Director of Music: LIEUT. G. MILLER, L.R.A.M.

Grand March, "Heroïque" *Saint-Saens*
Suite *Chaminade*
Humorous Interlude by THE LYRIC QUINTETTE.

The Band.
"Scènes Pittoresques" *Massenet*
Suite from Ballet, "Pantomime" ... *Lacome*
GERTRUDE JOHNSON (Soprano) with Piano.
Bergerettes: 1. Bergere Logère. 2. Maman, dites-moi. 3. Jeune Fillette.

The Band.
Intermezzo from "Naila" *Delibes*
Scènes de Ballet "Sylvia" *Delibes*
A further Interlude by The Lyric Quintette.

9.15.—J. E. L. WRENCH, C.M.G., on "The English Speaking Union," of which he is Hon. Secretary and Founder.

9.30.—TIME SIGNAL AND 2ND GENERAL NEWS BULLETIN. *S.B. to all Stations.*

Local News and Weather Forecast.

9.45. The Band.
Scena, "La Bénédiction des Poignards" *Meyerbeer*

Reminiscences of Gounod *arr. Godfrey*
Gertrude Johnson, accompanied by the Band.
"Je dis que rien" (Air de Micaela) (Carmen) *Bizet*

"L'Eté" *Chaminade*
The Band.

Selection, "Monsieur Beaucaire" *Message*
"Marche aux Flambeaux" *Meyerbeer*
"The Marseillaise."

"God Save the King."

10.45.—Close down.

Announcer: J. S. Dodgson.

BIRMINGHAM.

(Call Sign, 5IT. Wave-Length, 475 Metres.)

3.30.—Paul Rimmer's Orchestra relayed from Lozells Picture House.

5.0.—WOMEN'S CORNER: Mabel France, "A General Survey of Careers for Women."

5.30.—Agricultural Weather Forecast.

KIDDIES' CORNER.

6.30.—Teens Corner.

7.0.—NEWS. *S.B. from London.*

M. E. M. STEPHAN. *S.B. from London.*
Local News and Weather Forecast.

Miscellaneous Programme.

7.30. ERNEST MANSELL'S HAND BELL RINGERS.

"Bells of St. Mary" *Emmett Adams*
"Land of My Fathers" *Haley*

"Hear, 'tis the Bells of the Village Church" *Haley*

7.40. ARNOLD NICKSON (Songs at the Piano).
"An Englishman's Lament."
"A Mixed Monologue."
"A Cinema Burlesque."

7.50. Hand-Bell Ringers.
Variations on "The Blue Bells of Scotland" *Gordon*

A short course of changes on Twelve Bells *Miller*

8.0. FRED J. CHEATLE (Humorist).
"Sing Ho! for the Days of Drinking" *Sterndale-Bennett*

Impression of "The Bond Scene" from "The Merchant of Venice" ... *Shakespeare*

8.10. Hand Bell Ringers.
"Bellringer's Glee" *Haley*

"Annie Laurie" *Haley*

8.15-8.45.—Interval.

8.45. "THE PACK OF CARDS" CONCERT PARTY.

Under the Direction of J. H. POTTER.
The "Pack" introduce themselves *Potter and Jukes*

"A Few Things You Have Never Noticed" *Potter and Jukes*

The "Ace of Hearts" Ventures on a "Surmise" *Baker*

A Trip to Pierrotland, introducing a Medley of Old Time Songs *Potter and Jukes*

The "Queen" and the "Ace of Hearts" decide to have a "Singing Lesson". *Squire*

The "Joker" at the Piano with "Dear Tarts" *Potter*

The "Ace of Diamonds" will play:—
(a) "Réverie" *Jukes*

(b) "Caprice" *Jukes*

The "Ace of Clubs" will indulge in "Revelations" *Potter and Jukes*

The "Pack" go back to School Again *Potter and Jukes*

9.30.—NEWS. *S.B. from London.*

Local News and Weather Forecast.

9.45.—L. WARD (H.M. Inspector of Factories) on "Safety First Hints."

10.0.—THE SAVOY-ORPHEANS and SAVOY-HAVANA BANDS relayed from The Savoy Hotel, London.

11.0.—Close down.

Announcer: H. Cecil Pearson.

BOURNEMOUTH.

(Call Sign, 6BM. Wave-Length, 385 Metres.)

3.45.—Ethel Rowland, L.R.A.M. (Solo Piano), R. G. Somers (Solo Oboe), H. L. Gibson (Solo Flute).

4.45.—WOMEN'S HOUR.

5.15.—KIDDIES' HOUR.

6.15.—Scholars' Half-Hour: Romney Green, M.A., on "Craftsmanship."

7.0.—NEWS. *S.B. from London.*

M. E. M. STEPHAN. *S.B. from London.*

Local News and Weather Forecast.

7.30.—J. C. B. CARTER, B.A., on "The Story of Rugby Football."

7.45-8.0.—Interval.

"Night of Memories."

All Songs with Orchestral Accompaniment.

8.0. THE WIRELESS ORCHESTRA.

Conductor,

CAPT. W. A. FEATHERSTONE.

Quadrilles, "Fun of the Fair" ... *arr. Coote*

THOSE "HOWLERS."

Oscillation seems to be increasing in all districts. The B.B.C. wish to appeal to the sporting spirit of all who are thus interfering so seriously with the pleasures of many thousands of fellow-listeners not to continue this annoyance. Captain Eckersley, the Chief Engineer, will be pleased to supply free printed information regarding the best methods of avoiding oscillation to all who apply to him at 2, Savoy Hill, London, W.C.2.

8.10. BERT KELLAWAY (Tenor).
PHYLLIS KNIBBS (Soprano).
Duets, "What Are the Wild Waves Saying?" *S. Glover*

"Do You Remember?" ... *Campana*

8.20. JESS COLBORNE (Baritone).
"The Anchor's Weighed" *Braham*

8.25. Orchestra.
Descriptive Fantasia, "A Voyage in a Troopship" *Miller*

8.40. EVELYN FRYER (Contralto).
"Comin' Thro' the Rye" *Burns*

8.45. Bert Kellaway.
"Alice, Where Art Thou?" *Ascher*

"Sally in Our Alley" *Carey*

8.50. Orchestra.
Polka, "See Me Dance" *Soloman*

Waltz, "See Saw" *Croce*

9.0. Evelyn Fryer and Jess Colborne.
Duet, "The Moon Hath Raised Her Lamp Above" *Benedict*

9.5. Phyllis Knibbs.
"Cherry Ripe" *Horn*

9.10. Jess Colborne.
"Robin Adair" *arr. Lodder*

9.15. Orchestra.
Selection of Harry Lauder's Songs.

9.30.—NEWS. *S.B. from London.*
Local News and Weather Forecast.

9.45.—THE SAVOY-ORPHEANS AND SAVOY-HAVANA BANDS, relayed from The Savoy Hotel, London.

11.0.—Close down.

Announcer: L. B. Page.

CARDIFF.

(Call Sign, 5WA. Wave-Length, 353 Metres.)

3.30-4.30.—Falkman and his Orchestra relayed from the Capitol Cinema.

5.0.—"5WA'S" "FIVE O'CLOCKS." "Mr. Everyman," Talks to Women, Vocal and Instrumental Artistes, the Station Orchestra. Weather Forecast.

5.45.—THE HOUR OF THE "KIDDIE-WINKS."

7.0.—NEWS. *S.B. from London.*
M. E. M. STEPHAN. *S.B. from London.*

Local News.
7.30.—MR. RICHARD TRESEDER, F.R.H.S., on "Gardening."

7.40. "THE MOLLUSC,"
By Hubert Henry Davies.

9.30.—NEWS. *S.B. from London.*
Local News and Weather Forecast.

9.45.—THE SAVOY-ORPHEANS AND SAVOY-HAVANA BANDS relayed from The Savoy Hotel, London.

11.0.—Close down.

Announcer: A. H. Goddard.

MANCHESTER.

(Call Sign, 2ZY. Wave-Length, 375 Metres.)

3.30-4.30.—Concert: V. Barlow (Soprano), Vera Duckworth (Contralto), H. S. Tordoff (Elocutionist), Chas. Anderson (Bass).

5.0.—WOMEN'S HOUR.

5.20.—Farmers' Weather Forecast.

5.25.—CHILDREN'S HOUR.

7.0.—NEWS. *S.B. from London.*

M. E. M. STEPHAN. *S.B. from London.*
Local News and Weather Forecast.

8.0. THE "2ZY" ORCHESTRA.
March, "Old Comrades" *Toika*

Overture, "Mirella" *Gounod*

Waltz, "Miramar" *Sontini*

SAM HEMPSALL (Tenor).
"Onaway, Awake, Beloved" ("Hiawatha") *Coleridge-Taylor*

Orchestra.
Selection, "The Peep Show" *Tate*

Three Dances, "Hello America" *Finck*

8.45.—GEORGE JENNISON, M.A., F.Z.S., "More About Lions."

(Continued in col. 1, page 267.)

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WIRELESS PROGRAMME—WEDNESDAY (Feb. 13th.)

The letters "S.B." printed in italics in these Programmes signify a Simultaneous Broadcast from the station mentioned.

LONDON.

(Call Sign, 2LO. Wave-Length, 365 Metres.)

- 3.30-4.30.—Concert: The Wireless Trio and Anne Baring (Soprano).
 5.0.—WOMEN'S HOUR: A Nursery Talk by the House Physician of a London Hospital. Orchestra.
 5.30.—CHILDREN'S STORIES: Uncle Jeff's Talk on the Orchestra. Orchestra.
 6.15-7.0.—Interval.
 7.0.—TIME SIGNAL AND 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*
 ARCHIBALD HADDON (the B.B.C. Dramatic Critic): "News and Views of the Theatre." *S.B. to all Stations.*
 Local News and Weather Forecast.
 7.30. THE WIRELESS ORCHESTRA. Conducted by L. STANTON JEFFERIES.
 March, "The Jolly Sailor" *Byng*
 Overture, "Oberon" *Weber*
 Serenade *Schubert*
 KATE WINTER (Soprano).
 "Beat Upon Mine Little Heart" *Nevin*
 "O That We Two Were Maying!" *Nevin*
 JAYE KAYE in Impressions of the famous Dan Leno: 1. "The Huntsman." Orchestra.
 Three Movements from "Les Deux Pigeons" *Message*
 1. Divertissement; 2. Danse Hongroise; 3. Finale.
 Valse, "Gipsy Children" *Kalman*
 STANLEY HOLT (Syncope Pianist).
 "Chicago" *Fisher*
 "Skipping" *Claypoole*
 "Down Town Rag" *Signorelli and Carrozza*
 Kate Winter.
 "A Thrush to His Love" *Aylwin*
 "An Elizabethan Lullabye" *Coates*
 "The Letter" *Gambodi*
 Orchestra.
 Selection, "Les Cloches de Corneville" *Planquette*
 "On the Mountains," Op. 19, No. 1 *Grieg*
 STANLEY HOLT.
 By the Shalimar *Magine*
 An Original Pot-Pourri *Stanley Holt*
 9.15.—THE REV. W. H. LEEMBRUGGEN, of Australia, on "The Solomon Islands."
 9.30.—TIME SIGNAL AND 2ND GENERAL NEWS BULLETIN. *S.B. to all Stations.*
 Local News and Weather Forecast.
 9.45. Orchestra.
 "Norwegian Rhapsody," No. 1 *Svendsen*
 Ballet Music, "William Tell" *Rossini*
 Jaye Kaye on "The Grass Widower." Orchestra.
 "Slavonic Dance," No. 6 *Dvorak*
 10.30.—Close down.

Announcer: J. S. Dodgson.

BIRMINGHAM.

(Call Sign, 5IT. Wave-Length, 475 Metres.)

- 3.30.—Station String Quartette, Stanley Finchett (Tenor) in a Song Recital.
 5.0.—WOMEN'S CORNER.
 5.30.—Agricultural Weather Forecast.
 KIDDIES' CORNER.
 6.30.—Teens' Corner.
 7.0.—NEWS. *S.B. from London.*
 ARCHIBALD HADDON. *S.B. from London.*
 Local News and Weather Forecast.
 7.30. THE BAND OF THE 48TH S.M.D. ROYAL CORPS OF SIGNALS.
 By kind permission of Lieut.-Col. J. W. Danielson, D.S.O.
 Under the Direction of I. PERRIN.
 March, "Entry of the Bulgars" *Lotter*

- Overture, "William Tell" *Rossini*
 CPL. H. L. PERRY (Solo Piccolo).
 "The Comet" *Brewer*
 Band.
 Entr'acte, "The Bells of St. Mary's" *Adams*
 8.0.—SYDNEY GREW in Readings from the Elizabethan Lyrics.
 8.15-8.45.—Interval.
 8.45. Band.
 Suite, "Scènes Pittoresques" *Massenet*
 (a) March; (b) Air de Ballet; (c) Angelus; (d) Fête Bohème.
 9.5. WINIFRED MORRIS (Contralto).
 "Sands of Dee" *Scott*
 "May Night" *Brahms*
 "She is Gone for Ever" *Gluck*
 9.20. Band.
 Humorous Variations, "Three Blind Mice" *Lotter*
 9.30.—NEWS. *S.B. from London.*
 Local News and Weather Forecast.
 9.40.—WILLIAM C. ALLPORT on "Hints on the Game of Lacrosse."
 9.50. Band.
 Selection, "The Maid of the Mountains" *Simson*
 Barcarolle, "Love Came From Fairyland" *Lincke*
 Waltz, "Rouge et Noir" *Lotter*
 Selection, "Chu Chin Chow" *Norton*
 10.20.—Beer Vic will give Morse Practice.
 10.30.—Close down.

Announcer: Percy Edgar.

BOURNEMOUTH.

(Call Sign, 6BM. Wave-Length, 385 Metres.)

- 3.45.—The "6BM" Trio, Reginald S. Moun^t (Solo Violin), Thomas E. Illingworth (Solo Cello).
 4.45.—WOMEN'S HOUR.
 5.15.—KIDDIES' HOUR.
 6.15.—Scholars' Half-Hour: R. M. Clark, B.Sc., on "Electric Motors and Dynamos."
 7.0.—NEWS. *S.B. from London.*
 ARCHIBALD HADDON. *S.B. from London.*
 Local News and Weather Forecast.
 7.30-8.0.—Interval.

Comic Opera Night.

- All Songs with Orchestral Accompaniment.
 8.0.—THE WIRELESS AUGMENTED ORCHESTRA.
 Conductor: CAPT. W. A. FEATHERSTONE.
 Selection, "La Cigale" *Audran*
 8.15.—ADELINE SENIOR (Soprano) and THE "6BM" CHORUS.
 "The Legend of the Bells" ("Les Cloches de Corneville") *Planquette*
 "Three to One" ("La Cigale") *Audran*
 8.25. GERALD KAYE (Tenor).
 "Dan Cupid Hath a Garden" ("Merrie England") *German*
 Orchestra.
 8.30. Selection, "Falks" *Chassaigne*
 8.45.—EDWARD HILL (Baritone) and THE "6BM" CHORUS.
 "Here's to the Maiden" ("The Beggar's Opera") *Gay*
 "A Jovial Monk am I" ("La Poupée") *Audran*
 8.55. MARY LOHDEN (Mezzo-Soprano).
 "Swing High, Swing Low" (Veronique) *Message*
 9.0-9.15.—Interval.
 9.15. Quartette.
 Adeline Senior (Soprano), Mary Lohden (Mezzo-Soprano), Gerald Kaye (Tenor), Edward Hill (Baritone).
 "In England, Merrie England" (Merrie England) *German*
 9.20. Gerald Kaye and Edward Hill.
 Duet and Chorus, Opening Chorus to "La Poupée" *Audran*
 9.30.—NEWS. *S.B. from London.*
 Local News and Weather Forecast.
 9.45. Orchestra.
 Selection, "Geneviève de Brabant" *Offenbach*

- 9.55. Adeline Senior and Gerald Kaye.
 Duet, "Come to Arcady" ("Merrie England") *German*
 10.0. Orchestra.
 Selection, "La Fille de Madame Angot" *Leocq*
 10.15. Edward Hill and The "6BM" Chorus.
 "Oh, Would She But Name the Day" ("Satanella") *Balfe*
 "I Can't Keep Away From the Girls" *Lehar*
 10.25. Orchestra.
 Selection, "Olivette" *Audran*
 10.35. Gerald Kaye and Edward Hill.
 Duet with Chorus, "Hark How the Bell is Ringing" ("La Poupée") *Audran*
 10.40. Mary Lohden.
 "Twin Butterfly" ("The Princess of Kensington") *German*
 10.45. Orchestra.
 Selection, "Orphée aux Enfers" *Offenbach*
 11.0.—Close down.

Announcer: Bertram Fryer.

CARDIFF.

(Call Sign, 5WA. Wave-Length, 353 Metres.)

- 3.30-4.30.—Falkman and his Orchestra relayed from the Capitol Cinema.
 5.0.—"5WA'S" "FIVE O'CLOCKS." "Mr. Everyman," Talks to Women, Vocal and Instrumental Artists, the Station Orchestra. Weather Forecast.
 5.45.—THE HOUR OF THE "KIDDIE-WINKS."
 7.0.—NEWS. *S.B. from London.*
 ARCHIBALD HADDON. *S.B. from London.*
 Local News.
 7.30. Station Birthday Anniversary. (February 13th, 1923.)
 THE DIRECTOR AND STAFF OF "5WA" will seek to revive Old Memories and to create new ones.
 MR. J. C. W. REITH, Managing Director of The British Broadcasting Company, Limited, will say a few words.
 9.30.—NEWS. *S.B. from London.*
 Local News and Weather Forecast.
 10.30.—Close down.

Announcer: A. Corbett-Smith.

MANCHESTER.

(Call Sign, 2ZY. Wave-Length, 375 Metres.)

- 3.30-4.30.—Concert: Mme. A. Sidelbey (Soprano), Mabel Ainsworth (Contralto), T. Allen (Entertainer), Harry Towers (Baritone).
 5.0.—WOMEN'S HOUR.
 5.20.—Farmers' Weather Forecast.
 5.30.—CHILDREN'S HOUR.
 7.0.—NEWS. *S.B. from London.*
 ARCHIBALD HADDON. *S.B. from London.*
 Local News and Weather Forecast.
 8.0. THE "2ZY" ORCHESTRA.
 Wedding March, "Feramore" *Rubinstein*
 Overture, "Martha" *Flotow*
 Concert Waltz *Moszkowski*
 Madge Taylor (Soprano). Songs (Selected).
 Orchestra.
 Selection, "The Cabaret Girl" *Kern*
 8.45.—T. A. COWARD, M.Sc., on "Early Flowers and Bird Songs."
 9.0. Orchestra.
 "Benedictus" *Mackenzie*
 Madge Taylor. Songs (Selected).
 9.30.—NEWS. *S.B. from London.*
 Local News and Weather Forecast.
 9.45. Orchestra.
 "Petite Suite de Concert" *Coleridge-Taylor*
 "In a Persian Market" *Ketelbey*
 Selection, "Emani" *Verdi*
 10.30.—Announcements. Close down.

Announcer: Victor Smythe.

(Continued in col. 2, page 267.)

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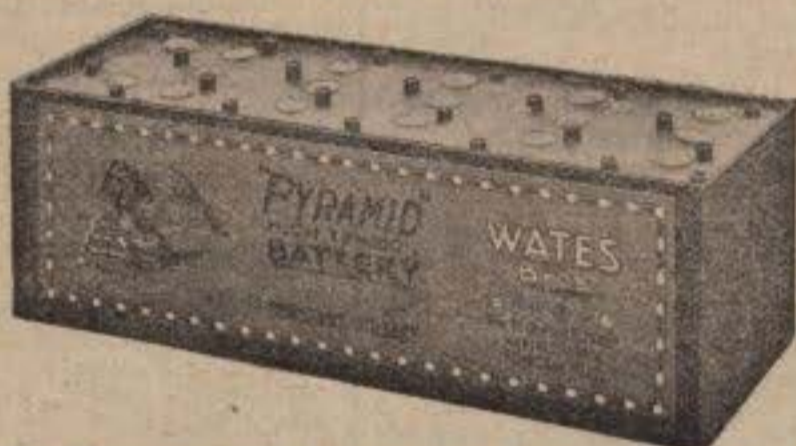
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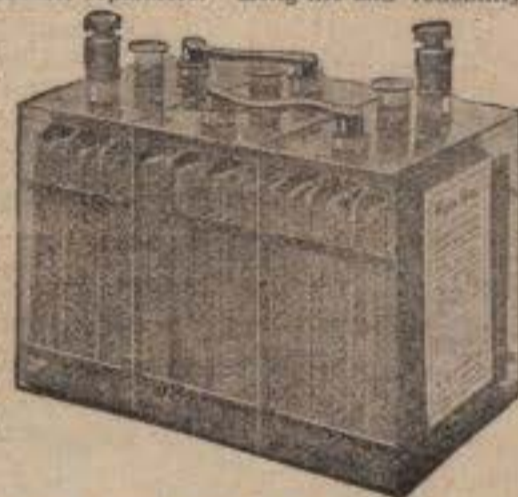
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WIRELESS PROGRAMME—THURSDAY (Feb. 14th.)

The letters "S.B." printed in italics in these Programmes signify a Simultaneous Broadcast from the station mentioned.

LONDON.

(Call Sign, 2LO. Wave-Length, 365 Metres.)

- 3.30-4.30.—Concert: The Wireless Trio and Donald Parker (Baritone).
- 5.0.—WOMEN'S HOUR: "Questions and Answers" by the Query Editor. Dorothy Bennett (Soprano). A Talk on Fashion, by Nora Shandon.
- 5.30.—CHILDREN'S STORIES: Musical Talk by Auntie Hilda and Uncle Humpty Dumpty. L.G.M. of the *Daily Mail*, "Recruits for the Zoo." Dorothy Bennett (Soprano).
- 6.15.—Boy Scouts' and Girl Guides' News.
- 6.25-7.0.—Interval.
- 7.0.—TIME SIGNAL, AND 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*
- PERCY SCHOLES (the B.B.C. Music Critic): "The Week's Music." *S.B. to all Stations.* Talk by the Radio Society of Great Britain. *S.B. to all Stations.*
- Local News and Weather Forecast.
- Programme S.B. to other Stations:—*
- 7.35.—THE GEORGIANS CONCERT PARTY, in Mirth and Melody: Produced by Robert Carr.
- 8.25.—"From My Window," by Philemon.
- 8.30. LECTURE RECITAL on MODERN RUSSIAN MUSIC by EDWARD MITCHELL (Solo Pianoforte). Assisted by OLGA ALEXEEVA (Russian Soprano).
Introductory Remarks. Edward Mitchell.
"Humoresque" Balakireff
Olga Alexeeva.
"The North Star" Glinka
"The Rose and the Nightingale" Rimski-Korsakoff
"My Pretty Maid" Dargomisky
Edward Mitchell.
Prelude Arensky
Etude Fantastique Catoire
"Cortège des Mages" Liapounoff
Olga Alexeeva.
"Song of Georgia" Rachmaninoff
"Nay! Tho' My Heart" Tchaikovsky
"Gathering Mushrooms" Moussorgsky
Edward Mitchell.
Prelude in C Sharp Minor. Rachmaninoff
Etude in D Flat } from Op. 8 Scriabin
Etude in D Sharp Minor }
- 9.30.—TIME SIGNAL, AND 2ND GENERAL NEWS BULLETIN. *S.B. to all Stations.*
- 9.45.—CAPT. N. D. RILEY, of the Natural History Museum, on "The Tutankhamen Bug."
- 10.0.—THE SAVOY-ORPHEANS AND SAVOY-HAVANA BANDS, relayed from the Savoy Hotel, London. *S.B. to other Stations.*
- 11.0.—Close down.
Announcer: J. S. Dodgson.

BIRMINGHAM.

(Call Sign, 5IT. Wave-Length, 475 Metres.)

- 3.30.—Lozell's Picture House Orchestra (Director, Paul Rimmer).
- 5.0.—WOMEN'S CORNER.
- 5.30.—Agricultural Weather Forecast. KIDDIES' CORNER.
- 6.30.—Teens' Corner.
- 6.45.—Boy Scouts' and Girl Guides' News.

- 7.0.—NEWS. *S.B. from London.*
- PERCY SCHOLES. *S.B. from London.*
- Radio Society Talk. *S.B. from London.*
- Local News and Weather Forecast.
- 7.35. STATION ORCHESTRA.
(Under the direction of Joseph Lewis.)
Overture, "A Children's Overture" Quilter
Selection, "Mary" Hirsch
Valse, "The Lady of the Rose" Gilbert
SIDONIE WASSERMAN (Solo Piano).
Andante Mendelssohn
"Handkerchief Dance" Grainger
"In the Mountains" Grieg
- 8.15-8.45.—Interval.
- 8.45. Orchestra.
Suite, "Americans" Thurban
(a) "The Tiger's Tail"; (b) "When Ma-lindy Sings"; (c) "Water Melon Fête."
Suite, "Three English Dances" Quilter
Selection, "The Messenger Boy" Caryl and Monckton
- 9.30.—NEWS. *S.B. from London.*
- Local News and Weather Forecast.
- 9.40.—MAJOR VERNON BROOK, M.I.A.E. "Fortnightly Engineering Review."
- 10.0.—THE SAVOY BANDS. *S.B. from London.*
- 11.0.—Close down.
Announcer: H. Cecil Pearson.

BOURNEMOUTH.

(Call Sign, 6BM. Wave-Length, 385 Metres.)

- 3.45.—Norah Bradbury, L.R.A.M., A.R.C.M. (Solo Piano).
- 4.45.—WOMEN'S HOUR.
- 5.15.—KIDDIES' HOUR.
- 6.15.—Scholars' Half-Hour: M. Peppin, B.A. (Paris), Language Talk (French).
- 6.45.—Boy Scouts' and Girl Guides' News.
- 7.0.—NEWS. *S.B. from London.*
- PERCY SCHOLES. *S.B. from London.*
- Radio Society Talk. *S.B. from London.*
- Local News and Weather Forecast.
- 7.35-11.0.—The entire Programme *S.B. from London.*
- Announcer: W. R. Keene.

CARDIFF.

(Call Sign, 5WA. Wave-Length, 353 Metres.)

- 3.30-4.30.—Falkman and his Orchestra relayed from the Capitol Cinema.
- 5.0.—"5WA'S" "FIVE O'CLOCKS" "Mr. Everyman." Talks to Women, Vocal and Instrumental Artistes, the Station Orchestra. Weather Forecast.
- 5.45.—THE HOUR OF THE "KIDDIE-WINKS."
- 6.45.—Boy Scouts' and Girl Guides' News.

ALTERATIONS TO PROGRAMMES, Etc.

AS THE RADIO TIMES goes to press many days in advance of the date of publication, it sometimes happens that the B.B.C. finds it necessary to make alterations or additions to programmes, etc., after THE RADIO TIMES has finally gone to press.

- 7.0.—NEWS. *S.B. from London.*
- PERCY SCHOLES. *S.B. from London.*
- Radio Society Talk. *S.B. from London.*
- Local News.
- 7.35-11.0.—The entire Programme *S.B. from London.*

Announcer: W. N. Settle.

MANCHESTER.

(Call Sign, 2ZY. Wave-Length, 375 Metres.)

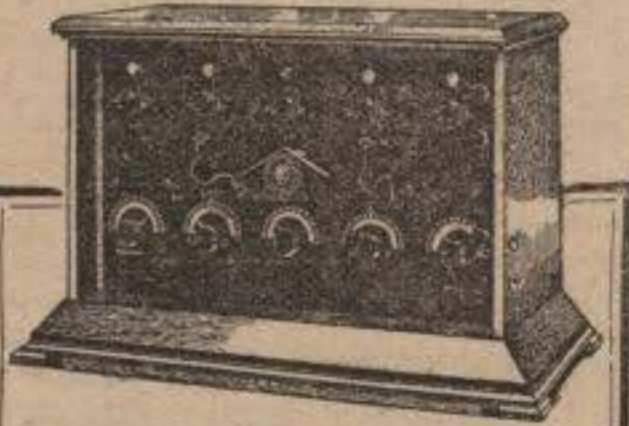
- 11.30-12.30.—Concert by the "2ZY" Trio.
- 5.0.—WOMEN'S HOUR.
- 5.25.—Farmers' Weather Forecast.
- 5.30.—CHILDREN'S HOUR.
- 6.30.—Boy Scouts' and Girl Guides' News.
- 6.40.—FRANCIS J. STAFFORD, M.A., M.Ed., French Talk.
- 7.0.—NEWS. *S.B. from London.*
- PERCY SCHOLES. *S.B. from London.*
- Radio Society Talk. *S.B. from London.*
- Local News and Weather Forecast.
- 8.0. TOM H. MORRISON (Solo Violin).
"Cavatina" Raff
"Humoresque" Dvorak
MME. TOMSON DE KONSHEIN (Soprano).
"Mélodie" Rubinstein
"The Wish" Rubinstein
LAVILETTE in Extracts from Charles Dickens.
Wilkins Micawber on Matters Financial.
Montague Figg Negotiates a Small Loan.
SAM FITTON (Tenor).
"Maire, My Girl."
"Sally in Our Alley."
- 8.45.—PROFESSOR T. H. PEAR, B.Sc., on "How to Use One's Memory."
- 9.0. Mme. Tomson de Konshen.
Persian Song Rubinstein
"Night" Rubinstein
Tom H. Morrison.
Saltarella Vieuxtemps
- 9.30.—NEWS. *S.B. from London.*
- Local News and Weather Forecast.
- 9.45. Lavilette.
Uriah Heep.
Serjeant Buzfuz Addresses the Jury.
- 10.0. Sam Fitton.
"Just a Tiny Cottage."
"The Rose of Perfect Love."
"As One Alone."
- 10.15.—W. F. BLETCHER, Examiner in Spanish to the Union of Lancashire and Cheshire Institute, Spanish Talk.
- 10.30.—Announcements. Close down.
Announcer: Victor Smythe.

NEWCASTLE.

(Call Sign, 5NO. Wave-Length, 400 Metres.)

- 3.45.—Concert: The Misses Thornewill (Duets), Muriel Robins (Solo Cello).
- 4.45.—WOMEN'S HOUR.
- 5.15.—CHILDREN'S HOUR.
- 6.0.—Scholars' Half-Hour: S. Hirst, B.Sc., on "The History of the Calendar."
- 6.30.—Boy Scouts' and Girl Guides' News.
- 6.45.—Farmers' Corner.
- 7.0.—NEWS. *S.B. from London.*
- PERCY SCHOLES. *S.B. from London.*
- Radio Society Talk. *S.B. from London.*
- Local News and Weather Forecast.
- 7.35-11.0.—The entire Programme *S.B. from London.*
- Announcer: E. L. Odhams.

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WAGNER'S "PARSIFAL."

Friday's opera described by Percy A. Scholes.

PARSIFAL is Wagner's last work, and is a "Sacred Festival Drama." He intended it to be reserved strictly for performance in his special theatre at Bayreuth, in Bavaria, and it was only to be heard there until, in 1913, it passed out of copyright.

The Drama concerns the Temple of the Grail (the cup into which our Lord's blood was spilt). It falls into two distinct Scenes, but there is no break between them, as they are connected musically by a fine piece of music, of the character of a Death March, during which, according to Wagner's instructions, the scenery should move from right to left, giving the impression that the spectator is actually moving.

Act III.

The First Scene opens with an extended and impressive Prelude. When at last the curtain rises we find ourselves in a forest glade. GURNE-MANZ (Goor-nay-mants—Bass), a veteran Knight of the Holy Grail, hears a groan, and finds in the thicket KUNDRY (Koon-dree—Mezzo-Soprano), a woman who has sinned and is now repentant. *PARSIFAL* (Tenor) enters, and is greeted by Gurnemanz, who tells him to lay aside his weapons on this holy Good Friday.

Parsifal obeys, and Gurnemanz sees, as the spear is thrust into the ground before him, that it is the sacred spear (with which our Lord was pierced) long ago stolen from the Knights of the Grail by a magician.

Parsifal relates his wanderings and tells of his conquest of the magician at some length. Gurnemanz, in turn, relates the sorrows that

have, during Parsifal's absence, overtaken the Brotherhood of the Grail. Titurel, their Leader, is dead. Parsifal faints, and is revived with water from the Spring. Kundry washes his feet, and then Gurnemanz baptises him. The repentant Kundry is now baptised by Parsifal.

A Wonderful Scene.

Then follows the beautiful *Good Friday Music*, in which, as Parsifal and Gurnemanz gaze on the scene of nature aglow, they think of the redemption of all creation.

Then the three turn solemnly in the direction of the distant Temple, and the scenery unrolls before us, as already described.

By and by, as the Temple is approached, the pealing of bells is heard, swelling louder and louder, and at last the Temple is entered.

The Temple scene cannot here be described. It is full of beautiful music and stately ceremony, processions of Knights, one group bearing AMFORTAS (Baritone) the new Leader, whose sickness is one of the misfortunes previously mentioned, another bearing the coffin of his father, Titurel.

At length, Parsifal touches the wound of Amfortas with the sacred Spear and it is healed. He then uncovers the Grail, which glows with holy light.

The Knights and Choirs join in praise. The White Dove of the Grail, emblem of the Holy Spirit, descends and hovers over it, and the great Sacred Festival Drama ends.

[Act III. of "Parsifal" is to be broadcast from London on Friday, Feb. 15th, S.B. to all Stations.]

An Over-rated Pastime.

MY friend George, who is a wireless fiend, wonders what terrors are in store for him when radiovision and (who knows?) an instrument for hearing thoughts become possible (writes C. J. A., in the *Daily News*). His ordinary wireless set is bad enough. Already he has had several minor shocks, caused by short circuit, but last week he had the shock of his life. His wife had been ill, and to cheer her up a bit he had extended his wiring to the bedroom so that she could listen. While she was asleep one evening George's friend Horace called. The two men evolved a happy scheme for using the wireless for the purpose of telephoning from parlour to bedroom. They brought the loud speaker into play and adjusted the wires, but after a lapse of about half an hour were about to give up in despair, when:—

"George!" came an insistent voice from the loud speaker.

They jumped to attention. "She can hear!" said Horace.

"Yes, she can," said the loud speaker. "George," it continued, "I hope it wasn't one of the best ornaments that crashed on the hearth a few moments ago."

George looked hopelessly at the scattered fragments of Aunt Jane's New Year present. Relentlessly the voice went on: "Tell Horace not to use such abominable language in my house, and—George, are you listening?—Fido can sleep on the easy chair if he likes—I heard him yelping just now—and for goodness sake take that kettle off the fire! It's boiling over."

George wonders sometimes whether wireless operating is not an over-rated pastime.

Wireless as a Profession.

IN contemplating "Wireless" as a profession, would-be candidates, parents or guardians should very carefully examine the prospectuses of the various "Training Colleges."

At present, the total number of British ships licensed to carry a wireless installation is, approximately, 3,388, while the approximate surplus of operators over actual requirements was 2,698.

Before securing a position as a marine wireless operator, all candidates must pass the P.M.G.'s examination and secure his certificate of efficiency. At the present time, the number of unemployed persons holding the P.M.G.'s 1st Class Certificate in wireless telegraphy approximates to 1,800.

Wireless operators' pay and conditions of employment are governed by an agreement between employers and the Association of Wireless and Cable Telegraphists, particulars of which may be had from the Association of Wireless and Cable Telegraphists at the under-mentioned address.

The commencing salary for a fully qualified marine wireless operator at present is £7 12s. 6d. per month, while the maximum salary after nine years' service is £18 17s. 6d. per month. In addition, and where applicable, there are small allowances, such as "Foreign and Extended Voyage Allowance," "Shore Allowance," "In Charge Allowance," "Tanker Allowance," etc. Full, authentic, and up-to-date information may be had at any time free of charge from the Association of Wireless and Cable Telegraphists, Lennox House, Norfolk Street, Strand, London, W.C.2.

WIRELESS PROGRAMME—FRIDAY (Feb. 15th.)

The letters "S.B." printed in italics in these Programmes signify a Simultaneous Broadcast from the station mentioned.

LONDON.

(Call Sign, 2LO. Wave-Length, 365 Metres.)

- 3.30-4.30.—Concert: The Wireless Trio and Isa Archibald (Mezzo-Soprano).
- 5.0.—WOMEN'S HOUR: "Ancient Son Worshipers" (Humorous), by Olga Somech. The Wireless Trio. "What Women Potters are Doing," by Lillian Joy.
- 5.30.—CHILDREN'S STORIES: "Bubbles," by Ernest Maltham. Songs by Uncle Rex. "A Trip Round the World—Paris."
- 6.15-7.0.—Interval.
- 7.0.—TIME SIGNAL AND 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*
- G. A. ATKINSON (the B.B.C. Film Critic): "Seen on the Screen." *S.B. to all Stations.* Local News and Weather Forecast.
- 7.30. "HAMLET" (Shakespeare), Arranged and Produced by SYDNEY RUSSELL, of the B.N.O.C. The Cast will include: Sydney Russell, Ben Webster, Robert Farquharson, Edith Clegg, Mary Brotherton.
- 9.15.—THE QUAINIONS: "Three Funny Voices and a Piano."
- 9.30.—TIME SIGNAL AND 2ND GENERAL NEWS BULLETIN. *S.B. to all Stations.* Local News and Weather Forecast.
- 9.45.—The Quaintons.
- 10.0.—SIR ROBERT C. WITT, C.B.E., F.S.A., on "Industrial Psychology—What It Means."
- 10.13.—"PARSIFAL," Act III. (Wagner), relayed from the Royal Opera House, Covent Garden. *S.B. to all Stations.* [For a description of Act III. of "Parsifal" by Percy A. Scholes, see the facing page]. Announcer: R. F. Palmer.

BIRMINGHAM.

(Call Sign, 5IT. Wave-Length, 475 Metres.)

- 3.30.—Edith Athey (Soprano) and John Hendry (Tenor) in Song Recitals.
- 5.0.—WOMEN'S CORNER.
- 5.30.—Agricultural Weather Forecast. KIDDIES' CORNER.
- 6.30.—Teens Corner.
- 7.0.—NEWS. *S.B. from London.* G. A. ATKINSON. *S.B. from London.* Local News and Weather Forecast.
- 7.30. MARJORIE EDWARDS (Songs at the Piano). "Grown-up People" Barber "Mabel's Pigtail" Blaney "Cupid and the Sunbeam" Newman "Only Seven" Grey
- 7.45. AMY CARTER (Contralto). "Sappische Ode" Brahms "In Questa Tomba Oscura" Beethoven "Oh, Could I but Express in Song!" Malashkin
- 8.0.—FRANCIS J. FIELD on "Air Posts of the Past, Present and Future."
- 8.15-8.45.—Interval.
- 8.45. EDNA WILLOUGHBY PIANOFORTE TRIO. Allegro from Trio in D Major Haydn First Movement from Trio in C Major Mozart Allegro from Trio in E Flat Major, Op. 1 Beethoven Romance Marschner EDNA WILLOUGHBY (Solo Pianoforte). Pastorale et Capriccio Scarlatti Gigue Lully Prelude Babell
- 9.30.—NEWS. *S.B. from London.* Local News and Weather Forecast.
- 9.45. AUDREY EVANS (Solo Cello). Sonata in D Minor de Fesch—1695 Pianoforte Trio. Second and Third Movements from Trio in D Minor Bach

- GWENDA EATON (Solo Violin). "Meditation" Bach-Gounod "Perpetuum Mobile" Ries
- 10.13.—"PARSIFAL," Act III. *S.B. from London.*

Announcer: H. Cecil Pearson.

BOURNEMOUTH.

(Call Sign, 6BM. Wave-Length, 385 Metres.)

- 3.45.—The "6BM" Trio, Reginald S. Mouat (Solo Violin), Thomas E. Illingworth (Solo Cello).
- 4.45.—WOMEN'S HOUR.
- 5.15.—KIDDIES' HOUR.
- 6.15.—Scholars' Half-Hour: W. J. Woodhouse, A.C.P., "Among the Stars."
- 7.0.—NEWS. *S.B. from London.* G. A. ATKINSON. *S.B. from London.* Local News and Weather Forecast.
- 7.30-8.0.—Interval.

Musical Comedy Night.

- 8.0. THE WIRELESS ORCHESTRA. Conductor: CAPT. W. A. FEATHERSTONE. Selection, "The Girl in the Taxi" Gilbert
- 8.15. WINIFRED ASCOTT (Soprano). "My Life is Love" ("The Maid of the Mountains") Simson
- 8.20. HAROLD STROUD (Tenor). "Corraline" ("Chiu Ch'n Chow") Norton
- 8.25. Orchestra. Selection, "The Boy" Monckton and Talbot
- 8.40. HAROLD STROUD (Tenor). WINIFRED ASCOTT (Soprano). ERNEST EADY (Baritone). "Round the Corner" ("To-night's the Night") Rubens "Too Particular" ("To-night's the Night") Rubens
- 8.50. Orchestra. Selection, "The Kiss Call" Caryl
- 9.0. Ernest Eady. "A Bachelor Gay" ("The Maid of the Mountains") Simson "Love, Could I Only Tell You" ("The Geisha") Jones
- 9.10. Winifred Ascott and Ernest Eady. "Wonderful Love" ("Who's Hooper?") Ivor Novello
- 9.20. Orchestra. Selection, "The Southern Maid" Simson
- 9.30.—NEWS. *S.B. from London.* Local News and Weather Forecast.
- 9.45. Orchestra. Selection, "Gipsy Love" Lehar
- 9.55. Harold Stroud. "The Lilac Domino" Norton
- 10.0. Orchestra. Selection, "San Toy" Jones
- 10.13.—"PARSIFAL," Act III. *S.B. from London.* Announcer: L. B. Page.

CARDIFF.

(Call Sign, 5WA. Wave-Length, 353 Metres.)

- 3.30-4.30.—Falkman and his Orchestra relayed from the Capitol Cinema.
- 5.0.—"5WA'S" "FIVE O'CLOCKS." "Mr. Everyman." Talks to Women, Vocal, and Instrumental Artistes, the Station Orchestra. Weather Forecast.
- 5.45.—THE HOUR OF THE "KIDDIE WINKS."
- 7.0.—NEWS. *S.B. from London.* G. A. ATKINSON. *S.B. from London.* Local News.
- THE NEWPORT GLEE SINGERS. Vocalist: JOHN AIKENS.
- THE STATION ORCHESTRA.
- 7.30.—Orchestra: March, "With Sword and Lance" Starke
- Entr'acte, "Czardas No. 2" Monti
- 7.40.—Part Songs: "My Dear Mistress Had a Heart" Spofforth "Foresters, Sound the Cheerful Horn" Sir H. Bishop

- "Go, Rose" W. Beale
- 7.55.—Songs: "Impatience" Schubert "Cease Thy Singing" Rachmaninoff
- 8.5.—Orchestra: Suite, "Four Teufels" Herold
- 8.15.—Part Songs: "The Clonfers" Thos. "Lullaby" Brahm "Killarney" Balfe
- 8.30.—Songs: "Elcanore" Mallinson "If There Were Dreams to Sell" Ireland
- 8.40.—Orchestra: Selection, "Il Trovatore" Verdi
- 8.55.—Part Songs: "My Old Friend John" E. Land "Dixie! Hoeray" Stephens
- 9.5.—Songs: "To the Children" ("The Starlight Express") Elgar "Roadways" Lohr
- 9.15.—Orchestra: Suite, "Joyous Youth" Coates
- 9.30.—NEWS. *S.B. from London.* Local News and Weather Forecast.
- 9.45.—DR. JAS. J. SIMPSON, M.A., D.Sc., on "British Mammals" (Contd.).
- 10.13.—"PARSIFAL," Act III. *S.B. from London.* Announcer: A. H. Goddard.

MANCHESTER.

(Call Sign, 2ZY. Wave-Length, 375 Metres.)

- 3.30-4.30.—Concert: Dave Franks' Continental Band, Clara Watson (Soprano), Marguerite Beck (Elocutionist), F. V. Fuller (Baritone).
- 5.0.—WOMEN'S HOUR.
- 5.20.—Farmers' Weather Forecast.
- 5.25.—CHILDREN'S HOUR.
- 7.0.—NEWS. *S.B. from London.* G. A. ATKINSON. *S.B. from London.* Local News and Weather Forecast.
- 7.30. SPECIAL CONCERT. given in The Free Trade Hall, by the "2ZY" OPERA COMPANY. Augmented by THE BEECHAM OPERATIC CHORUS and THE "2ZY" SYMPHONY ORCHESTRA, augmented to 60 Performers. (This Concert is being given in aid of the Summer Camp for Poor Boys, Birkdale.) Orchestra. Overture, "William Tell" Rossini Easter Hymn from "Cavalleria Rusticana" Mascagni (Santuzza, Nell Davis.) WILFRED HINDLE (Baritone). Recit. and Air, "Lend Me Your Aid" ("Reine de Saba") Gounod RACHEL HUNT (Contralto). "Sea Pictures" Elgar Chorus: Cigarette Chorus, "Carmen" Bizet Men's Chorus, "Fold the Flag, My Brothers" ("Faust") Gounod "A Musical Box" Lindow MADGE TAYLOR (Soprano). Aria, "Una Voce poco Fa" ("Il Barbiere") Rossini LEE THISTLETHWAITE (Baritone). Aria, Nemico Della Patria Giordani Capriccio—Espagnol. Rimski-Korsakov Chorus. "Hail, Bright Abode" ("Tannhäuser") Wagner Symphony No. 4 in E Flat. Glazounov (First chorus performance in Manchester.) HERBERT RUDDOCK. Baritone Solo and Chorus, "The Calf of Gold" ("Faust") Gounod Final Chorus from "The Mastersingers."
- 10.13.—"PARSIFAL," Act III. *S.B. from London.* Announcer: Victor Smythe. (Continued in col. 3, page 267.)

AN APOLOGY

The proprietors of

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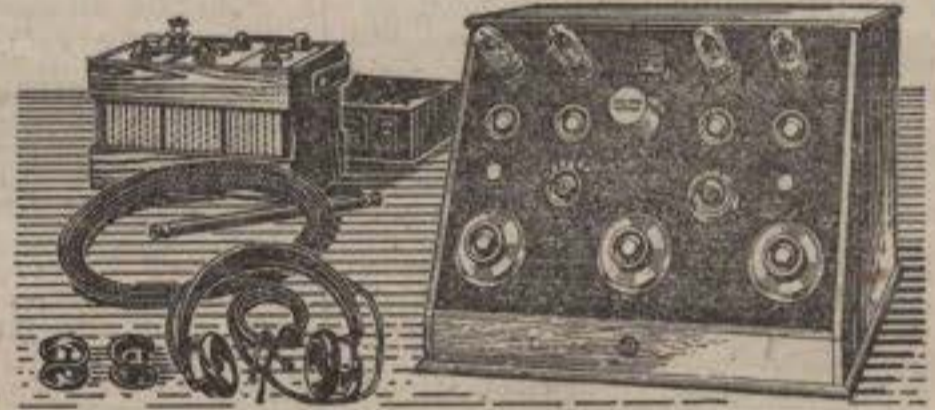
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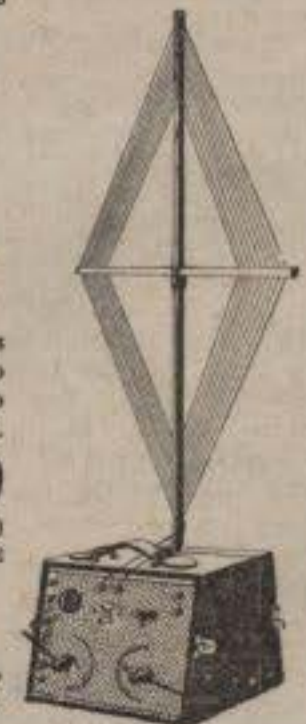
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WIRELESS PROGRAMME—SATURDAY (Feb. 16th.)

The letters "S.B." printed in italics in these Programmes signify a Simultaneous Broadcast from the station mentioned.

LONDON.

(Call Sign, 2LO. Wave-Length, 365 Metres.)

- 3.30-4.30.—Concert: The Wireless Trio and Ted Sullivan (Tenor).
- 5.0.—WOMEN'S HOUR: "Behind the Scenes," by Johanna. Winifred Allan (Soprano). "Rings," by Violet M. Methley.
- 5.30.—CHILDREN'S STORIES: Uncle Kirkham on "Insects." Auntie Sophie at the Piano. Children's News. Songs by Winifred Allan.
- 6.15-7.0.—Interval.
- 7.0.—TIME SIGNAL AND 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.* Local News and Weather Forecast.
- 7.15.—CAPT. RICHARD TWELVETREES on "Motoring."
- 7.30-8.15.—Programme. *S.B. to other Stations.*
- 7.30. THE WIRELESS TRIO. Entr'acte, "Merry Playmates" ... Howgill CYRIL LIDINGTON (in Character Studies and Songs).
The Wireless Trio.
"Three Dream Dances" .. Coleridge-Taylor HECTOR GORDON, the Canny Scot.
- 8.15.—"CAVALLERIA RUSTICANA" (*Mascagni*), relayed from The Royal Opera House, Covent Garden. *S.B. to all Stations.*
- 9.30.—TIME SIGNAL AND 2ND GENERAL NEWS BULLETIN. *S.B. to all Stations.*
- 9.43.—"PAGLIACCI," Act I. (*Leoncavallo*), relayed from The Royal Opera House, Covent Garden. *S.B. to all Stations.*
- 10.32 (approx.)—MAJOR L. R. TOSSWILL, O.B.E., the old International Rugby Player, on "England v. France Rugby Prospects." *S.B. to all Stations.*
- 10.44.—"PAGLIACCI," Act II. (*Leoncavallo*), relayed from The Royal Opera House, Covent Garden. *S.B. to all Stations.*
Announcer: J. S. Dodgson.

BIRMINGHAM.

(Call Sign, 5IT. Wave-Length, 475 Metres.)

- 3.30.—Kiddies' Concert by the Kiddies.
- 5.0.—WOMEN'S CORNER.
- 5.30.—Agricultural Weather Forecast, KIDDIES' CORNER. Further Adventures of Snooky.
- 6.30.—Teens' Corner.
- 7.0.—NEWS. *S.B. from London.* Local News and Weather Forecast.
- Popular Request Programme.**
- 7.30. STATION ORCHESTRA. Overture, "Raymond" Thomas Selection, "Melodious Memories" ... Finck
- 7.55. NORAH LESLIE-PIGOTT (Songs at Piano).
"Seeing Fings" Field
"The Old Flagged Path" Arundale
"Billy" Kemp
"Fat L'il Feller" Gordon
- 8.15.—"CAVALLERIA RUSTICANA." *S.B. from London.*
- 9.30.—NEWS. *S.B. from London.*

9.43.—"PAGLIACCI," Act I. *S.B. from London.*

10.32 (approx.)—MAJOR L. R. TOSSWILL. *S.B. from London.*

10.44.—"PAGLIACCI," Act II. *S.B. from London.*

Announcer: H. Cecil Pearson.

BOURNEMOUTH.

(Call Sign, 6BM. Wave-Length, 385 Metres.)

- 3.45.—Concert: Muriel Barkas (Soprano), H. James Sherring (Solo Banjo), Ethel Rowland (Solo Piano).
- 4.45.—WOMEN'S HOUR.
- 5.15.—KIDDIES' HOUR.
- 6.15.—Scholars' Half-Hour: W. F. Perry on "Ships and Food."
- 7.0.—NEWS. *S.B. from London.* Local News and Weather Forecast.
- 7.15.—EDWARD C. LUIN, M.R.S.L., "More Humours of Commercial Travelling."
- 7.30-8.15.—Programme. *S.B. from London.*
- 8.15.—"CAVALLERIA RUSTICANA." *S.B. from London.*
- 9.30.—NEWS. *S.B. from London.*
- 9.43.—"PAGLIACCI," Act I. *S.B. from London.*
- 10.32 (approx.)—MAJOR L. R. TOSSWILL. *S.B. from London.*
- 10.44.—"PAGLIACCI," Act II. *S.B. from London.*
Announcer: W. R. Keene.

CARDIFF.

(Call Sign, 5WA. Wave-Length, 353 Metres.)

- 3.30-4.30.—Falkman and his Orchestra relayed from the Capitol Cinema.
- 5.0.—"5WA'S" "FIVE O'CLOCKS." "Mr. Everyman," Talks to Women, Vocal and Instrumental Artistes, the Station Orchestra. Weather Forecast.
- 5.45.—THE HOUR OF THE KIDDIEWINKS.
- 7.0.—NEWS. *S.B. from London.* Local News.
- 7.15.—WILLIE C. CLISSITT, Chat on "Sport of the Week."
- 7.30-8.15.—Programme. *S.B. from London.*
- 8.15.—"CAVALLERIA RUSTICANA." *S.B. from London.*
- 9.30.—NEWS. *S.B. from London.*
- 9.43.—"PAGLIACCI," Act I. *S.B. from London.*
- 10.32 (approx.)—MAJOR L. R. TOSSWILL. *S.B. from London.*
- 10.44.—"PAGLIACCI," Act II. *S.B. from London.*
Announcer: W. N. Settle.

MANCHESTER.

(Call Sign, 2ZY. Wave-Length, 375 Metres.)

- 3.30-4.30.—Orchestral Concert relayed from the Oxford Picture House.
- 5.0.—WOMEN'S HOUR.
- 5.30.—Farmers' Weather Forecast.

5.25.—CHILDREN'S HOUR.

7.0.—NEWS. *S.B. from London.* Local News and Weather Forecast.

7.15. THE "ZY" ORCHESTRA.

Overture, "Raymond" Thomas
Waltz, "The Lilac Domino" Cavillier
LYZIE PICKLES (Contralto).
"Softly Awakes My Heart" Saint-Saens
Orchestra.

"In a Chinese Temple Garden" Kotelbey
Intermezzo, "Mystic Beauty" Finck
Selection, "The Toreador" Caryl
VICTOR SMYTHE AND ALGY.
Lyzie Pickles.

"The Glory of the Sea" Sanderson
THE SIRFEFFOR and Sirfessions.

8.15.—"CAVALLERIA RUSTICANA." *S.B. from London.*

9.30.—NEWS. *S.B. from London.*

9.43.—"PAGLIACCI," Act I. *S.B. from London.*

10.32 (approx.)—MAJOR L. R. TOSSWILL. *S.B. from London.*

10.44.—"PAGLIACCI," Act II. *S.B. from London.*

Announcer: Victor Smythe.

NEWCASTLE.

(Call Sign, 5NO. Wave-Length, 400 Metres.)

- 3.45.—Walker's Band relayed from Tilley's Grand Assembly Rooms.
- 4.45.—WOMEN'S HOUR.
- 5.15.—CHILDREN'S HOUR.
- 6.0.—Scholars' Half-Hour: Annie C. Lyall on "Old Gateshead."
- 6.35.—Farmers' Corner: R. W. Wheldon on "The Effect of Manures on Quality of Potatoes."
- 7.0.—NEWS. *S.B. from London.* Local News and Weather Forecast.
- 7.15.—S. CROUCH on "Costing and Our Industrial Relationships."
- 7.35. WIRELESS ORCHESTRA. "Robin Hood March" Schertzinger
- 7.40. MADGE RAINE (Contralto). "Know'st Thou That Dear Land?" Thomas "Where Corals Lie" Elgar
- 7.50. Orchestra.
Waltz, "Je t'aime" Waldteufel
- 8.0. Madge Raine.
"Down Here" Brahe
"The English Rose" German
- 8.15.—"CAVALLERIA RUSTICANA." *S.B. from London.*
- 9.30.—NEWS. *S.B. from London.*
- 9.43.—"PAGLIACCI," Act I. *S.B. from London.*
- 10.32 (approx.)—MAJOR L. R. TOSSWILL. *S.B. from London.*
- 10.44.—"PAGLIACCI," Act II. *S.B. from London.*
Announcer: C. K. Parsons.

Roads and the Traffic Problem.

A Talk from London, by Lord Montagu of Beaulieu, K.C.I.E., C.S.I.



LORD MONTAGU
OF BEAULIEU.

EVERYONE is apt to take the existence of roads as a matter of course, and few know the system on which our roads are financed and repaired. It is only recently that the public have become interested in the question of roads. The increase in the cost of roads worries the taxpayer and ratepayer, and most of us use mechanical road vehicles in our everyday lives—

whether it is the expensive and beautiful limousine, the cheaper two-seater, the motor bus or the taxi.

Twenty years ago, only 20 per cent. of the traffic upon our streets and roads was mechanical, while 80 per cent. was horse-drawn. To-day, the motor vehicles vary in proportion from 90 to 95 per cent. and horse-drawn traffic 5 to 10 per cent. of the total.

The result of this great increase in motor vehicles—they number over a million to-day in Great Britain, compared with less than 50,000 twenty years ago—is that the condition of roads interests millions of the public, and a much higher standard of durability and smoothness of surface, greater width and better signposts are demanded.

The Question of Maintenance.

There are to-day in England, Scotland and Wales 177,309 miles of road of all kinds, of which 22,756 miles are in Class I, which includes the most important main roads of this country. There are 14,645 miles in Class II roads, that is to say, the less important main roads; while there are 139,308 miles which are termed unclassified roads, comprising nearly all our rural roads. It is, therefore, apparent that the problem of the maintenance of roads is not confined only to the improvement and upkeep of our main lines of traffic. The problem of how to maintain these 139,308 miles of rural road is one of the most difficult problems of the future.

The cost of maintenance of the whole of the roads of this country approximates to about fifty millions sterling a year, provided from three sources—the ratepayers, the taxpayers and the users of mechanical vehicles. The last named contribute about ten million, so that the ratepayer and the taxpayer jointly find about £40,000,000, or four-fifths of the total cost, of which the ratepayer finds about £32,000,000. This fifty millions sterling compared with £18,903,000 expended on roads in 1913-14.

New Methods Necessary.

I think it is generally admitted that this new era of mechanical transport demands a revision of the present system of making and financing roads. Most of our existing roads, with a few exceptions, have begun from Roman or other military roads made hundreds of years ago, and upon them you find steep gradients, dangerous cross roads, high hedges, and blind corners, besides all kinds of drawbacks to the smooth running of mechanical transport.

The new era of mechanical transport connotes a new era in road making. It is of little use and very expensive to go on tinkering with the present system for long-distance fast traffic.

Now, the first scheme for a new trunk road that has been put forward for a hundred years

past is that with which I have the honour to be associated. It is called the Northern and Western Motorway. We propose to start from a point near Uxbridge, north-west of London, and proceed at first to a point south of Birmingham.

From the south of Birmingham, we turn westwards through Wolverhampton, and thence go northwards again through the Potteries, arriving eventually at a point near the Manchester Ship Canal, at Salford. There will also be a road connecting with this from Manchester to Liverpool, to Oldham to the north-east, and eventually, perhaps, towards central and north Lancashire and Scotland.

Cheaper Transport.

There are three principal roads to-day which convey traffic between London and South Lancashire, and on these roads there is an average of well over 12,000 tons of traffic proceeding daily. That this traffic exists there has been proved by a careful census taken in August, 1922, and again in September, 1923. Now, the Motorway will be built to a large extent without gradients, the most severe gradient being 1 in 40, without sharp corners, and with over or under bridges wherever railways, roads or canals have to be crossed. All these improvements, compared with the ordinary road, will cheapen the cost of transport by about 1d. a ton mile.

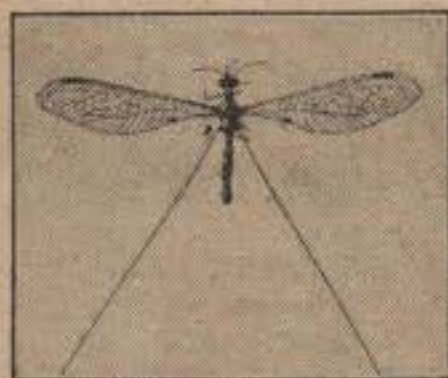
A New Policy Wanted.

The recently made exits from great cities, such as the Great West Road, the North Circular Road, and others near London, though admirable, are not of much use if they lead us in a few miles into twisty, unsuitable, narrow highways only wide enough to take half or a third of the traffic which it was possible to run with speed and safety on the wider roads nearer the cities.

In conclusion, there is another aspect in regard to the making of new roads which must not be forgotten. Local authorities are not anxious for new roads to be made nationally or by local effort, for their burden of annual maintenance is increased. Therefore, we must devise a road policy which will enable roads to bear their own cost of repair, and at the same time will be paid for willingly by the user because running costs are saved greater in amount than they would pay in tolls.

FROM THE LAND OF TUTANKHAMEN.

ONE of the most curious insects in existence is the remarkable little creature shown in



The "Tutankhamen Bug."

its actual size.

A full description of this curious creature will be given by Captain N. D. Riley, of the Natural History Museum, in a talk which he is to give at London Station on Thursday, February 14th, at 9.15 p.m. Listeners should not fail to hear this interesting lecture.

Wireless in the Village.

Revolutionizing Rural Life. By a Villager.

OF modern inventions designed primarily for our amusement and instruction, none has been greeted in rural districts with greater tolerance or more real respect than the wireless reception set, which promises to change village life in a way that comparatively few townfolk realize.

Already for very many village dwellers the long dark evenings of winter have lost most, if not all, their monotony. The dances in the Parish Room, so long the principal item in the average village winter programme, are suffering almost complete eclipse as a result of the introduction of the new hobby, while that hoary institution, the monthly whist drive, which has gone with a bang for as long as most of us can remember, is fast yielding in popularity to the more romantic pastime of listening.

Making for Democracy.

Wireless has made its mark on our social life in other ways, too.

Besides providing us with a fund of new topics for communal discussion—and how badly we did need something fresh to talk about!—it has promoted bonds of friendship that otherwise might never have been forged.

One prominent case in point is that of our squire's son, who gives listening parties twice a week for local lads, with results that cannot be anything but beneficial to all concerned. Another example of the fraternal feelings evoked by wireless is that afforded by the local traction-engine driver and our doctor, who are the firmest of friends as a result of the engine-driver's ingenuity in assembling the doctor's two-valve set.

In Touch with the World.

As an instrument of popular culture, wireless is having a special significance for the younger people of the village. Hitherto denied a means of hearing lectures or attending any sort of class as an aid to self-improvement, the village lad—and lass—who has left school is now almost at as great an advantage in the matter of enjoying these facilities as the town dweller.

I know one village youth who, having built his own set, listens to every one of the lectures on art subjects, in which he is developing the keenest interest. Another youth, of musical tastes, satisfies a hitherto latent passion for hearing good music by listening whenever the classical compositions are being broadcast. And many village girls are deriving both pleasure and instruction from the Women's Hour talks.

What all this means to the members of the younger generation, athirst for contact with the wider world, can only be adequately understood by those who really know the limitations and difficulties generally of life as it is lived in the countryside.

Our Greatest Boon.

Indeed, it is hardly too much to say that for the residents in our rural communities, cut off as they have always been from almost every source of pleasure and culture enjoyed by those who live in towns and cities, wireless opens up an even greater vista of possibilities than it does for perhaps any other section of Britain's widely scattered populace.

To us villagers who are lucky enough to reside within range of one or the other of the broadcasting stations wireless is unquestionably the greatest boon that has been conferred on us by science in the last half-century. To be able to snatch from the void, night after night, music, and what is even more greedily devoured, news—this is a marvel of which we had never dreamed, even in our wildest flights of fancy!

Remedies for "Interference."

By P. P. Eckersley, Chief Engineer of the B.B.C.

THE fly in the ointment—Interference.

As one who is largely responsible for the technical side of broadcasting, I am more worried about the problem of interference than any other—which is not to say the problem is insuperable. Let me tell you, however, some of the schemes that have been put on foot to combat interference.

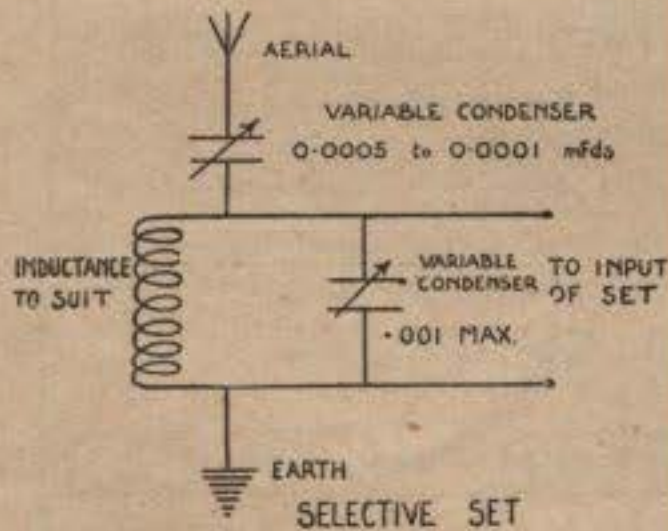
We may classify interference under several headings, as follows:—

- (1) By other wireless transmitting stations.
- (2) By receiving stations (oscillation).
- (3) By electrical machinery, power mains, electric plants and illuminating signs.
- (4) By atmospherics.
- (5) Mush.

Taking these under the above headings, it may be well to examine them in more detail.

(1) If you live on the South Coast or near large shipping centres, and at the same time far away from a broadcasting station, and if you want to listen to broadcast, you will find your reception much marred by harsh, rasping dots and dashes in the Morse code.

In the first place, there are supposed to be no ships working on wave-lengths other than 600, 450 and 300, except in isolated cases



(e.g., the Newhaven-Dieppe service; and the Belfast-Heysham services on 400 metres). Unfortunately, this supposition is often not justified by facts, and many stations either stray from their allotted wave-length (notably foreign vessels) or they are equipped with such antiquated apparatus as to make 400 more like anything from 300 to 500, especially if you live close to the station and broadcast signals are weak. This is the cause of spark work; it is, so to speak, harsh and spreads itself over a wide waveband, blotting out much of the aether that does not theoretically belong to it.

A Costly Business.

"Then why," say you, "should it be allowed to continue?" The answer is simply that literally millions of pounds' worth of capital is bound up in ship installations, and to "scrap the lot" would be a too costly business. Further, remember that the insurance of the safety of life at sea is greatly helped by these same irritating dots and dashes. It is to be hoped that new installations will embody more up-to-date apparatus, although, strangely enough, spark transmission, from an operating point of view, has much to recommend it, and its demise is by no means likely in the near future, although, of course, we are pressing for the abolition of unnecessary spark work, especially on the broadcast waveband. We hope, at any rate, to give you some alleviation of this trouble in the near future.

If anyone can give us information of spark services working on wave-lengths other than 300, 450 or 600 we should be glad to have the facts. Information should detail time, date, call sign and wave-length.

A word, however, about your set. Many I think, could get better results by using more selective circuits, and a certain amount of reaction, with a good aerial. Try, for instance, the circuit of the diagram shown on this page—the signals you wish to receive will be a little weaker, but the jamming should be much weaker. The smaller the condenser the more the selectivity. The circuit is simple to handle and quite fairly selective.

"Jammers" Please Note.

So much for spark stations. Other jamming is slight, but the amateur telephony station has been known to offend when the amateur is working on 200 metres (as he is often allowed to do) and you live close to him.

Again, try selective circuits (such as the one shown), but if all else fails, why not a personal call or letter? Amateur transmitters are not the villains you suppose them to be. They are one and all anxious to arrive at a *modus vivendi*. We are in touch with most, and one and all realize their responsibilities. Remember, irresponsible people often choose a well-known call sign, and so blackguard a well-meaning man. I feel that a personal contact with the jammer, if jammer he is, will soon put matters to rights.

For every interference (hum, rattle, click or howl) that you hear, do not blame the amateurs; they are, nine cases out of ten, not responsible. If you like to write to us, we will do our best to get in touch with the owner of the station in order to arrive at an understanding, and help both you and him.

Offending the Aether.

(2) And now once more that much-discussed problem—oscillation. We are ready all the time to give you advice on the subject, and meanwhile if you are conscious of offending, remember you are behaving selfishly in the extreme. If madam, your husband, brother or son has caused ear-splitting shrieks in the 'phones and has told you "it doesn't matter," tell him from me it does. You would have considered it offensive if he, in the midst of a concert, had got up and yelled. Does not the same apply as regards the aether?

To those who oscillate purposely, to those who find that they can signal to their friends by this means, to those who think to show their disapproval of items by oscillating, I say I think little of their ideas of fair play. There must be very few such people, but I know there are some. May these words help them to a sense of decency.

Finally. . . .

You hear a howl in your 'phones.

If the note of this howl varies sympathetically with the adjustments of your set ("tuning" especially), it is you.

Don't please do it.

Carelessness That Affects Thousands.

If the intensity of the howl varies, if it comes on and off without your touching the set, it is not you; it's some other—fool!

If it is you, you may be interfering over 75 square miles of country—perhaps 2,000 or 3,000 people. Magnificent thought, but a sense of proportion, please!

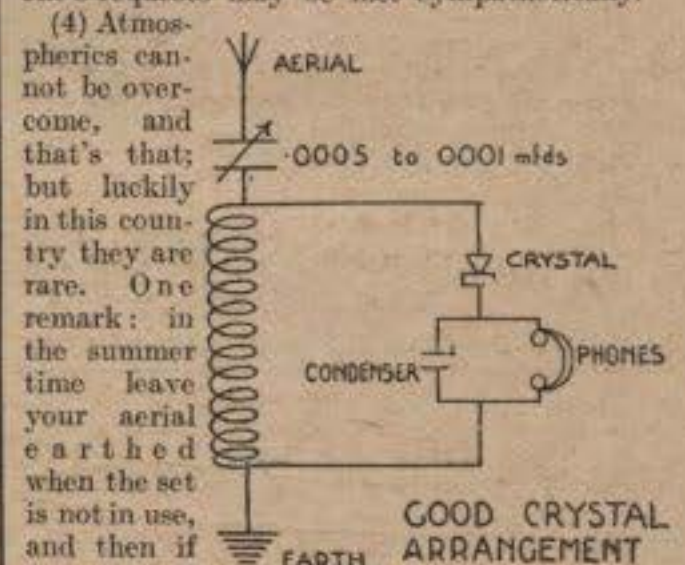
Certain people, having enjoyed broadcast for a few months, may notice a sudden diminu-

tion in their signal strength. Remember, within limits, our power never varies. Listener, beware of another aerial close to your own. Remedy: go and saw it down—well, no; perhaps not.

The only real remedy is for you to better your own receiver—either a higher aerial or more sensitive set, or something of that sort—and here I may say that crystal sets work better the more the inductance in the circuit, and a simple arrangement is shown in the second figure.

Boys and Buzzers.

(3) Certain listeners are interfered with by hums, crackling, buzzings and so on, and these may be due to electric power installations near by. Electric signs are notable offenders; boys with rudimentary knowledge, an aerial and a buzzer may be contributory causes. It is hoped in time that the electric power installations that radiate powerful electric waves may have to be constructed so as to prevent interference, but at present no remedy exists but to petition the owners to do what they can, and hope that one's requests may be met sympathetically.



when the set is not in use, and then if a thunderstorm should come along, it can do no harm to your set. An aerial, if earthed, adds no risk from lightning. A change-over switch is an excellent institution.

More Power Wanted.

(5) Mush is that sort of backwash of all the above interferences, only experienced at a considerable distance from the transmitting stations; it cannot be overcome at the receiving station. From the above it might appear as if broadcasting were a hopeless failure, but my readers know better. I have only dealt with the worst side.

There is one universal remedy—more power at the transmitting stations or more transmitting stations. Hence relay stations. More power from our main stations is not at present allowed, although the new London Station will be 3KW, not 1½. This will not make as much difference as you anticipate, but it all helps. We are not unmindful of the problem; it is a difficult one, but we mean to solve it if we are allowed to expand along the lines we desire—so be patient.

In the meantime, report those stations that stray from their allotted wave-lengths, use selective circuits, don't oscillate, and much of the present trouble will disappear.

In the article dealing with the question of Licence Regulations, in the issue of January 25th, it should have been mentioned that the tariff for the Detector valve is, in all cases, 10s.; other valves, 5s.

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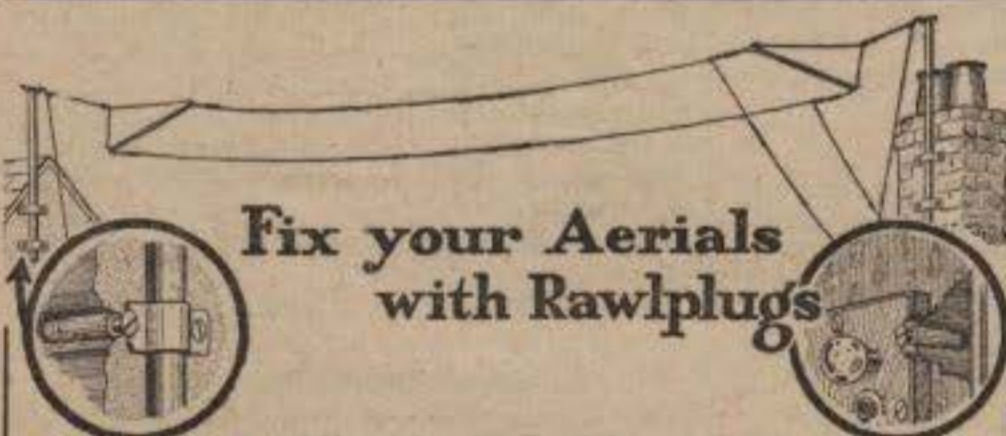
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And at 61-63, London Road, Croydon.



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YOU can fix with Rawlplugs your outdoor Aerial Poles, or any fitting in any position without damaging the wall—whatever the material. If you use indoor Aerials fix your insulated screw eyes with Rawlplugs. You need only make a hole in the wall slightly larger than the diameter of the screw to be used, but the grip of Rawlplugs ensures a satisfactory job without damage to the material.

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50 Rawlplugs (No. 8 assorted), lengths, a Rawlplug Toolholder and one Bit. A supply of round head and countersunk screws and screw eyes, screw hooks, cup hooks, square hooks, etc., and full instructions. **3/6**

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100 Rawlplugs (No. 8 assorted), lengths, a special Rawlplug Toolholder and two Bits. A supply of round head and countersunk screws and screw eyes, screw hooks, cup hooks, square hooks, etc., and full instructions. **5/6**

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can be slipped on to any make of wire headphone in a few seconds. Requires no fastening. Makes listening a real comfort. Weight about 1 oz. No cold hard wires to hurt the head. Made of best leather and thick

Navy Felt. Can be worn for hours at a time without knowing you have one on.

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WIRELESS PROGRAMME—ABERDEEN (Feb. 10th to Feb. 16th.)

The letters "S.B." printed in italics in these Programmes signify a Simultaneous Broadcast from the station mentioned.

SUNDAY.

(Call Sign, 2BD. Wave-Length, 495 Metres.)

- 3.0-5.0—CONCERT. *S.B. from London.*
 5.0-5.30.—CHILDREN'S CORNER. *S.B. from Glasgow.*
 8.30. THE BEECHGROVE U.F. CHURCH CHOIR.
 "Seek Ye the Lord" Roberts
 "Lift Up Your Heads" Handel
 8.40. LINA TALBOT (Soprano).
 "But the Lord is Mindful" ("St. Paul")
 Mendelssohn
 "Prepare Thyself, Zion" Bach
 8.50. Choir.
 Anthem, "O Love the Lord" Sullivan
 9.0.—THE REV. GEO. WALKER, D.D., T.D., East Parish Church. Religious Address.
 9.15. JAS. G. CAMERON (Baritone).
 "Lord God of Abraham" Mendelssohn
 "O God Have Mercy" Mendelssohn
 9.25. Choir.
 "O Ye That Love the Lord"
 Coleridge-Taylor
 "Ring Out, Wild Bells" Fletcher
 9.35. Lina Talbot.
 "How Lovely are Thy Dwellings" Liddle
 "Sun of My Soul" Carey
 9.45. Jas. G. Cameron.
 Recit., "Thus Saith the Lord" Handel
 Air, "But Who May Abide?" Handel
 "It Is Enough" Mendelssohn
 10.0.—NEWS. *S.B. from London.*
 Local News and Weather Forecast.
 10.15. Choir.
 "Hallelujah Chorus" Handel
 10.25.—Close down.
 Announcer: H. J. McKee.

MONDAY.

- 3.30-4.30.—The Wireless Quartette and Winifred McLeod (Contralto), Dance Afternoon.
 5.0.—CHILDREN'S CORNER.
 6.0.—Weather Forecast for Farmers.
 6.40.—Boy Scouts' News. Cubmaster Miss Whitt, "The Wolf Cub Movement."
 7.0.—NEWS. *S.B. from London.*
 JOHN STRACHEY. *S.B. from London.*
 Local News and Weather Forecast.
 7.30-10.30.—The entire Programme *S.B. from London.*
 Announcer: R. E. Jeffrey.

TUESDAY.

- 3.30-4.30.—The Wireless Quartette and Frank M. Auld (Tenor), Operatic Afternoon.
 4.30.—May Bowman (Soprano), Classical Song Recital.
 5.0.—WOMEN'S HALF-HOUR.
 5.30.—SUNSHINE CORNER for Young and Old Kiddies.
 6.0.—Weather Forecast for Farmers.
 Professor J. Hendrick, B.Sc., F.C.I., Agricultural Talk.
 Weekly Agricultural Notes.
 7.0.—NEWS. *S.B. from London.*
 Local News and Weather Forecast.
Modern French Composers' Night.
 7.15. THE WIRELESS ORCHESTRA.
 Suite, "Impressions of Italy" Charpentier
 7.30. MARIE STUART (Soprano).
 "Aubade" ("Le Roi d'Ys") Lalo
 "Elégie" Massenet
 7.40. MARIE SUTHERLAND (Solo Piano).
 "Automne" Chaminade
 "Le plus que lente" Debussy
 7.50. Orchestra.
 "Danse Macabre" Saint-Saens
 "La Rouet d'Omphale" Saint-Saens

- 8.5.—ALBERT ADAMS, F.R.C.O., Weekly Musical Talk—"French Composers."
 8.15. Orchestra.
 Selection, "Thais" Massenet
 8.30. Marie Stuart.
 "La Procession" Francke
 "Le Mariage des Roses" Francke
 8.40. Marie Sutherland.
 "En Bateau" Debussy
 "The Golliwog's Cake-Walk" Debussy
 "Arabesque in E" Debussy
 8.50. Orchestra.
 "Arabesque Nos. 1 and 2" Debussy
 9.0-9.30.—Interval.
 9.30.—NEWS. *S.B. from London.*
 Local News and Weather Forecast.
 9.45. Orchestra.
 Overture, "Piccolini" Guiraud
 9.55. Marie Sutherland.
 "Le Pas des Sylphides" Pesse
 "The Old Musical Box" De Severac
 Ent'acte, "Pizzicati" Mathe
 10.5. Marie Stuart.
 "Calmes aux quais deserts" Jongen
 "Soul au jardin" Grolez
 10.15. Orchestra.
 Suite, "La Farandole" Dubois
 10.30.—Close down.
 Announcer: R. E. Jeffrey.

WEDNESDAY.

- 3.30-4.30.—The Wireless Quartette and Andrew J. Wiseman (Bass-Baritone).
 5.0.—WOMEN'S HALF-HOUR.
 5.30.—CHILDREN'S CORNER.
 6.0.—Weather Forecast for Farmers.
 6.5.—MADAME LEFEVRE: French Talk and Instruction No. 7.
 7.0.—NEWS. *S.B. from London.*
 ARCHIBALD HADDON. *S.B. from London.*
 Local News and Weather Forecast.
Dance Night.
 Song Dance Numbers sung by HARVEY AND McCALLUM.
 7.30. THE WIRELESS JAZZ ORCHESTRA.
 Waltz, "Isle of Sweethearts"; Fox-trot, "Annie"; One-step, "Oom-pah Trot."
 7.45. WILLIAM G. SMITH (Tenor).
 "Phyllis has such Charming Graces" Wilson
 "The Pretty Creature" Wilson
 7.55. Jazz Orchestra.
 Fox-trot, "Blue Danube Blues"; Waltz, "Indian Nights"; Fox-trot, "Down Where the Water Lilies Grow."
 8.10.—R. E. JEFFREY: Talk for Thoughtful People—"Opinions." (Mind Training Series No. 1.)
 8.25. Jazz Orchestra.
 Fox-trot, "If We Could Only Live and Love"; Waltz, "A Kiss in the Dark"; One-step, "Well, I Am Surprised."
 8.40. William G. Smith.
 "Morning Hymn" Henschel
 "Blow, Blow, Thou Winter Wind" Quilter
 8.50. Jazz Orchestra.
 Waltz, "Nellie Kelly, I Love You"; Fox-trot, "Some Day."
 9.0-9.30.—Interval.
 9.30.—NEWS. *S.B. from London.*
 Local News and Weather Forecast.
 9.45. Jazz Orchestra.
 Fox-trot, "Rambler Rose"; Waltz, "Toujours Fidele"; Fox-trot, "Keep It Under Your Hat."
 10.0. William G. Smith.
 "The Slighted Swain" Wilson
 "The Crown of the Year" Martin
 10.10. Jazz Orchestra.
 Fox-trot, "I'll Build a Stairway to Paradise"
 One-step, "If All the Girls"; Waltz, "Shadow Waltz"; Fox-trot, "Dirty Hands, Dirty Face."
 10.30.—Close down.
 Announcer: W. D. Simpson.

THURSDAY.

- 3.30.—The Wireless Quartette and D. Brown McGill (Tenor), Irish Afternoon.
 4.30.—This week's Interesting Anniversary: Abraham Lincoln
 Born 12th February, 1809.
 Talk and Recital of "Gettysburg Speech."
 5.0.—WOMEN'S HALF-HOUR.
 5.30.—CHILDREN'S CORNER.
 6.0.—Weather Forecast for Farmers.
 6.5.—PETER CRAIGMYLE, Scottish League Referee, "Weekly Football Talk."
 6.40.—Boys' Brigade News.
 7.0.—NEWS. *S.B. from London.*
 PERCY SCHOLES. *S.B. from London.*
 Radio Society Talk. *S.B. from London.*
 Local News and Weather Forecast.
 7.35. "THE GRAND DUCHESS OF GEROLSTEIN."
 A Comic Opera in 3 Acts,
 by Jacques Offenbach.
 Cast:—
 Grand Duchess..... TINA MACINTYRE
 Fritz JAMES SHARPE
 Prince Paul..... W. G. SMITH
 Baron Puck..... GEORGE RAY
 General Boum..... JOHN COOPER
 Baron Grog J. E. RONALD
 Wanda ISOBEL SHAW
 Charlotte AVIS ANDERSON
 Olga MARY SKAKLE
 Amelia KATHLEEN MORGAN
 Iza ISOBEL SIMPSON
 Chorus THE "2BD" OPERATIC CHOIR
 THE WIRELESS AUGMENTED ORCHESTRA.
 Conductor, A. C. SIMPSON.
 Leader of Orchestra, NANCY LEE, L.R.A.
 Under the Direction of THE STATION DIRECTOR.
 9.30.—NEWS. *S.B. from London.*
 Local News and Weather Forecast.
 9.45.—DR. BOYD ORR, M.C., D.S.O., M.A., Director, Nutrition Research Institute, Bucksburn: "The Food Value of Milk."
 10.0. THE WIRELESS ORCHESTRA.
 Overture, "The Marriage of Figaro" Mozart
 Selection, "Princess Caprice" Fall
 Waltz, "Tesoro Mio" Becucci
 March, "The Gladiator's Farewell"
 Blankenburg
 10.30.—Close down.
 Announcer: W. D. Simpson.

FRIDAY.

- 3.30-4.30.—The Wireless Quartette and Janet Macfarlane (Soprano), Classical Afternoon.
 5.0.—WOMEN'S HALF-HOUR.
 5.30.—SUNSHINE CORNER FOR YOUNG AND OLD KIDDIES.
 6.0.—Weather Forecast for Farmers.
 6.5.—Scholars' Half-Hour: D. G. Bell, C.E., M.I.Q.M., on "Bridge Building."
 6.25.—Answers to Scholars' Queries.
 7.0.—NEWS. *S.B. from London.*
 G. A. ATKINSON. *S.B. from London.*
 Local News and Weather Forecast.
Scenes and Characters from Dickens.
 7.30-8.0, 8.15-9.0, 9.45-10.13.—The Scenes and Characters presented in this Programme will be taken from:—
 "Oliver Twist."
 "Nicholas Nickleby."
 "The Old Curiosity Shop."
 "Pickwick Papers."
 "David Copperfield."
 Played by the "2BD" REPERTORY PLAYERS.
 The following Entr'actes will be played by THE WIRELESS ORCHESTRA.
 Overture, "The Cricket on the Hearth"
 Mackenzie
 Selection, "Fallen Fairies" German
 Incidental Music to "The Cricket on the Hearth" Mackenzie
 (Continued in col. 1, page 272.)

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Thursday

February 14th

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CASELL'S, PUBLISHERS, LONDON.

WIRELESS PROGRAMME—GLASGOW (Feb. 10th to Feb. 16th.)

The letters "S.B." printed in italics in these Programmes signify a Simultaneous Broadcast from the station mentioned.

SUNDAY.

(Call Sign, 5SC. Wave-Length, 420 Metres.)

- 3.0-5.0.—CONCERT. *S.B. from London.*
- 5.0-5.30.—CHILDREN'S CORNER. *S.B. to all Stations.*
- 8.30. EVELYNE SHIRLEY (Soprano).
"The Shepherd's Song" *Elgar*
Psalm No. 40 (Tune: "Ballerna").
- 8.40.—THE REV. J. LYLE RODGER, John Street United Free Church. Religious Address.
- 8.50. Evelyne Shirley.
Psalm No. 23 (Tune: New St. Anne).
"Sympathy" *C. Marshall*
- 9.0. THE FELLOWES STRING QUARTETTE
and HERBERT A. CARRUTHERS.
Quintette in A for Piano and Strings. *Deorak*
- 9.28. Evelyne Shirley.
"Ritorna Vincitor" ("Aida") *Verdi*
"A Little Birdie" *Puccini*
- 9.33. The Fellowes String Quartette.
Andante and Cantabile for Quartette from Op. 11 *Tchaikovsky*
Menuet *Boccherini*
- 9.47.—Nocturne from Quartette No. 2 in D Minor *Borodin*
Hornpipe from D Major Quartette *Haydn*
- 10.0.—NEWS. *S.B. from London.*
Local News and Weather Forecast.
- 10.15.—Special Announcements. Close down.
Announcer: Herbert A. Carruthers.

MONDAY.

- 3.30-4.30.—An Hour of Melody.
- 4.45.—A TALK TO WOMEN.
- 5.15.—THE CHILDREN'S CORNER.
- 6.0.—Weather Forecast for Farmers.
- 7.0.—NEWS. *S.B. from London.*
JOHN STRACHEY. *S.B. from London.*
Local News and Weather Forecast.
- 7.30-10.30.—The entire Programme. *S.B. from London.*
Announcer: A. H. Swinton Paterson.

TUESDAY.

- 3.0-3.30.—Norman Austin's "Musical Moments" relayed from La Scala Picture House.
- 3.30-4.30.—An Hour of Melody.
- 4.45.—A TALK TO WOMEN.
- 5.15.—THE CHILDREN'S CORNER.
- 6.0.—Weather Forecast for Farmers.
- 7.0.—NEWS. *S.B. from London.*
M. E. M. Stephan. *S.B. from London.*
Local News and Weather Forecast.
- 7.30.—J. R. RUTHERFORD on "Scotland and the Empire Exhibition."

Popular Night.

- 7.40. ORCHESTRA.
Overture, "Fingal's Cave" *Mendelssohn*
- 7.45. JOHN BROWN
(Entertainer at the Piano).
"Our Farm" *Lionel Monckton*
"The Wee Toon Clerk" arr. M. S. Robertson
- 7.57. WILLIAM McNALLY
(Solo Dulcimer).
"McGregor's Gathering" *G. A. Dee*
Two Pieces from "Indian Love Lyrics" arr. *Spencer Dyre*
- 8.07. Orchestra.
Suite, "From the Countryside" *Coates*
- 8.17. John Brown.
"Germs" *Burt, Atwell and Hein*
- 8.30. William McNally.
"Toreador" ("Carmen") *Bizet*
Popular Airs.
- 8.40. Orchestra.
Selection, "San Toy" *Jones*

- 9.0-9.30.—Interval.
- 9.30.—NEWS. *S.B. from London.*
Local News and Weather Forecast.
- 9.45. John Brown.
"Hurricane History" *Newman and Cecil*
"Tuneful Tradesmen" *Wood and Pearson*
- 9.57. William McNally.
"Spring Song" *Mendelssohn*
Popular Airs.
- 10.07. Orchestra.
Entr'acte, "Mélodie Caprice" *Squire*
Fantaisie, "Musical Switch" *Alford*
March, "Light Horse" *Blon*
- 10.30.—Special Announcements. Close down.
Announcer: Mungo M. Dewar.

WEDNESDAY.

- 3.30-4.30.—An Hour of Melody.
- 4.45.—A TALK TO WOMEN.
- 5.15.—THE CHILDREN'S CORNER.
- 6.0.—Weather Forecast for Farmers.
- 6.15.—Boys' Brigade News for Scotland.
- 7.0.—NEWS. *S.B. from London.*
ARCHIBALD HADDON. *S.B. from London.*
Local News and Weather Forecast.

Light English Night.

- 7.30. ORCHESTRA.
Overture, "Plymouth Hoe" *Ansell*
- 7.40. MARGARET THACKERAY (Contralto).
"I Be Hoping You Remember" *R. C. Clarke*
"Sink, Red Sun" *Del Riego*
- 7.50. Orchestra.
Selection, "The Rose" *Myddleton*
- 8.0. ROBERT WATSON (Baritone).
"Come, Let's Be Merry" *Old English*
"Bashful Tom" *Old English*
- 8.10. Orchestra.
Suite, "Nell Gwyn Dances" *German*
- 8.20. Margaret Thackeray.
"So We'll Go No More a-Roving" *M. V. White*
"Spinning" *R. C. Clarke*
- 8.30. Orchestra.
Two Entr'actes, "Salut d'Amour" *Elgar*
"Shepherd's Hey" Morris Dance .. *Grainger*
- 8.40. Robert Watson.
"In Summertime on Bredon" *Graham Peel*
"Devonshire Cream and Cider" .. *Sanderson*
- 8.50. Orchestra.
Suite, "Language of Flowers" (1st Suite) *Coven*

- 9.0-9.30.—Interval.
- 9.30.—NEWS. *S.B. from London.*
Local News and Weather Forecast.
- 9.45. Margaret Thackeray.
"The Beat of a Passionate Heart" *M. Philips*
"When the Swallows Homeward Fly" *M. V. White*
- 9.55. Orchestra.
Selection, "Merrie England" *German*
- 10.5. Robert Watson.
"The Rebel" *Wallace*
"Silent Moon" *Vaughan Williams*
- 10.15. Orchestra.
Suite, "Joyous Youth" *Eric Coates*
March, "Pomp and Circumstance" .. *Elgar*
- 10.30.—Special Announcements. Close down.
Announcer: Mungo M. Dewar.

THURSDAY.

- 3.30-4.30.—An Hour of Melody.
- 4.45.—A TALK TO WOMEN.
- 5.15.—THE CHILDREN'S CORNER.
- 6.0.—Weather Forecast for Farmers.
- 6.45.—Boy Scouts' and Girl Guides' News.
- 7.0.—NEWS. *S.B. from London.*
PERCY SCHOLDS. *S.B. from London.*
Radio Society Talk. *S.B. from London.*
Local News and Weather Forecast.
- 7.35.—Programme. *S.B. from London.*
- 8.35. GEORGE J. JEFFCOCK (Baritone).
"At My Lady's Feet" *Sidney Jones*
"Because I Were Shy" .. *Lyell Johnston*
"Betty and Johnny" *Eric Coates*
- 8.48. ORCHESTRA.
Overture, "The Caliph of Bagdad" *Boieldieu*

- 9.0-9.30.—Interval.
- 9.30.—NEWS. *S.B. from London.*
Local News and Weather Forecast.
- 9.45. Orchestra.
Selection, "Sylvia" *Delibes*
Waltz, "Lustige Brüder" *Völlsteit*
- 9.55. George J. Jeffcock.
"He's Such a Li'l Feller" .. *Sheridan Gordon*
"The Mistress of the Master" *Lyall Phillip*
"Oh! Dear, if it Wasn't for Wimmin" *Sanderson*
- 10.10. Orchestra.
Selection, "The Girl on the Film" *Kollo Bredschneider and Sirmay*
March, "The Great Little Army" *Alford*
- 10.30.—Special Announcements. Close down.
Announcer: Mungo M. Dewar.

FRIDAY.

- 3.0-3.30.—Norman Austin's "Musical Moments" relayed from La Scala Picture House.
- 3.30-4.30.—An Hour of Melody.
- 4.45.—A TALK TO WOMEN.
- 5.15.—THE CHILDREN'S CORNER.
- 6.0.—Weather Forecast for Farmers.
- 7.0.—NEWS. *S.B. from London.*
G. A. ATKINSON. *S.B. from London.*
Local News and Weather Forecast.
- 7.30.—J. STIRLING BROWN, A.S.A.A., on "What is Income Tax?"

Story Recital Night.

- 7.45. PERCIVAL STEEDS, B.A.,
In a Story Recital of
"ANTONY AND CLEOPATRA"
Scene 1.—Cleopatra hears of Antony's Marriage with Octavia.
Characters: Cleopatra, Charmian, Messenger.
Scene 2.—The Death of Cleopatra.
Characters: Cleopatra, Dolabella, Charmian, Iras.
- 8.35. ORCHESTRA.
Eightsome Reel, "The Old Standard"; Waltz, "Just a Girl that Men Forget"; Fox-trot, "He Used to Sing in His Sleep"; Military Two-step, "Cheerio"; Fox-trot, "Last Night on the Back Porch"; Waltz, "Love Bells"; One-step, "The-Oom Pah Trot"; Fox-trot Blues, "Broadway Blues."
- 9.30.—NEWS. *S.B. from London.*
Local News and Weather Forecast.
- 9.45. Orchestra.
One-step, "Mr. Gallagher and Mr. Shean"; Waltz, "Who's Sorry Now?"; Fox-trot, "Scenes That are Brightest."
- 10.13.—"PARSIFAL," Act III. *S.B. from London.*
Announcer: A. H. Swinton Paterson.

SATURDAY.

- 3.30-4.30.—An Hour of Melody.
- 4.45.—A TALK TO WOMEN.
- 5.15.—THE CHILDREN'S CORNER.
- 6.0.—Weather Forecast for Farmers.
- 7.0.—NEWS. *S.B. from London.*
Local News and Weather Forecast.
- 7.15.—W. C. APPLEBY on "Etching."

Welsh Night.

- 7.30.—TOM GEORGE (Past-President Welsh Society, Glasgow) on "Welsh Folk-Lore Songs."
- 7.42. ORCHESTRA.
Overture, "The Harpers of Wales" *Carl Votti*
- 7.52. LEWIS COWIE (Baritone).
"Glamorgan War Song" *Traditional*
"Hob-y-Derry-Dando" *Traditional*
- 8.15.—"CAVALLERIA RUSTICANA." *S.B. from London.*
- 9.30.—NEWS. *S.B. from London.*
Local News and Weather Forecast.
- 9.43.—"PAGLIACCI," Act I. *S.B. from London.*
- 10.32 (approx.)—MAJOR L. R. TOSSWILL. *S.B. from London.*
- 10.44.—"PAGLIACCI," Act II. *S.B. from London.*
Announcer: Mungo M. Dewar.



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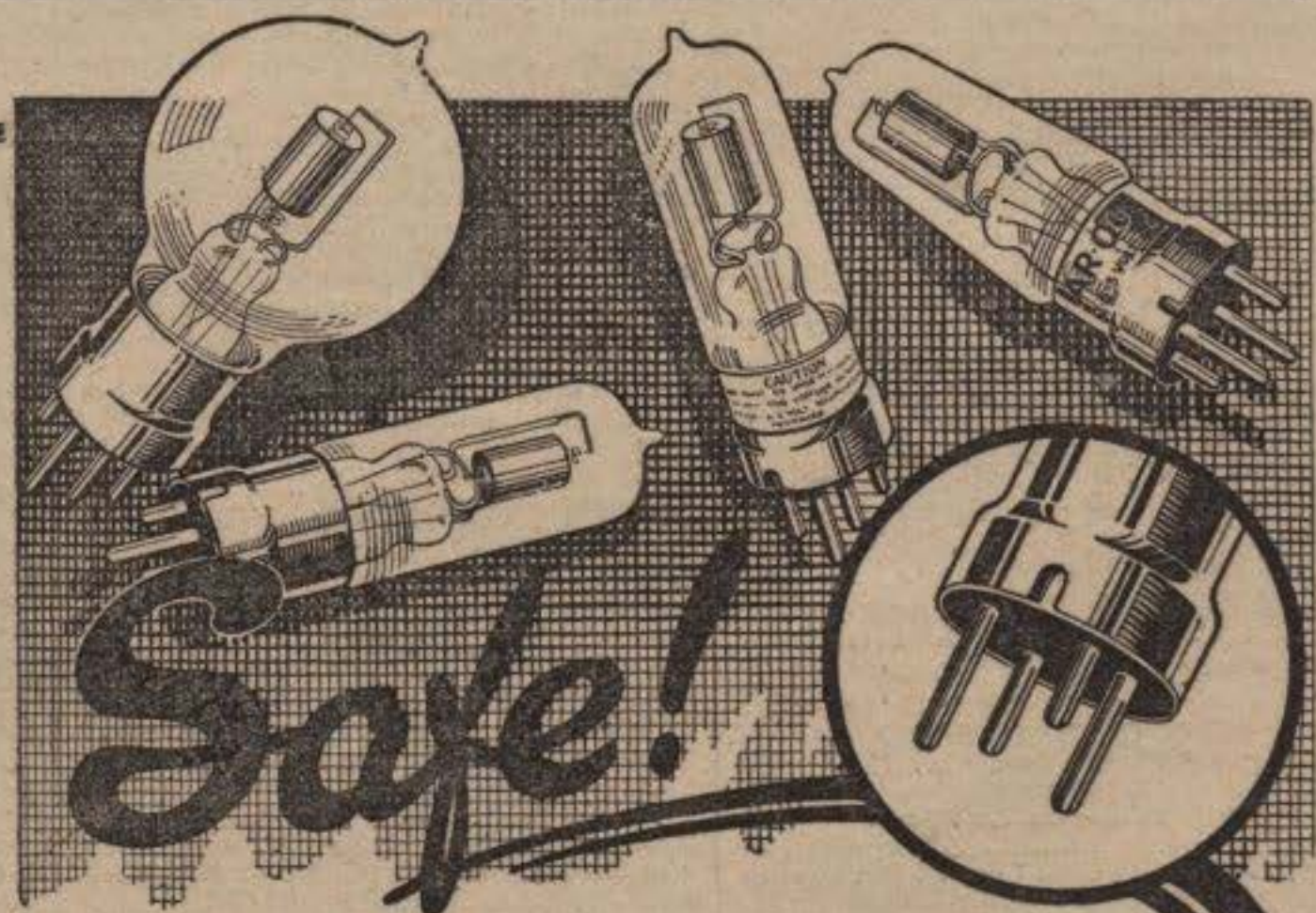
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**EDISWAN
VALVES**

SUNDAY'S PROGRAMME.

(Continued from page 247.)

MANCHESTER.

WILL TAYLOR.
 Recit. and Aria, "If With All Your Hearts" Mendelssohn
 Chorus, "Yet Doth the Lord" Mendelssohn
 Trio, "Lift Thine Eyes" Mendelssohn
 Chorus, "He, Watching over Israel" Mendelssohn
 Chorus, "Thanks be to God" Mendelssohn
 MARGARET FURNESS AND FRED SUTCLIFFE.
 Piano Duet, Allegro in B Flat... Beethoven
 GLADYS HARWOOD.
 "Like to the Damask Rose" Elgar
 "Shepherd's Cradle Song" Somercell Ladies' Choir.
 "O Swallow, Swallow" Holst
 "Evening" Amart
 10.0.—NEWS. S.B. from London.
 Local News and Weather Forecast.
 10.15. The Choir.
 "O, Happy Eyes" Elgar
 HAROLD VENWELL.
 "My Friend" Behnd The Choir.
 "The Radiant Morn" Woodward
 10.50.—Announcements. Close down.
 Announcer: Victor Smythe.

NEWCASTLE.

(Call Sign, 5NO. Wave-Length, 400 Metres.)
 3.0-5.0.—CONCERT. S.B. from London.
 5.0-5.30.—CHILDREN'S CORNER. S.B. from Glasgow.
 8.30. HERMANN MCLEOD'S QUINTETTE.
 "Lento" Franck
 8.40. EVELYN WILSON (Soprano).
 Hymn, "Nearer, My God, to Thee"
 8.45.—THE REV. C. C. GOODLET, College Rd. Presbyterian Church. Religious Address.
 9.0. Evelyn Wilson.
 Hymn, "Sweet Saviour, Bless Us ere We Go." Quartette.
 9.5. "Minuet in G" Beethoven
 "Molly on the Shore" Grainger
 9.15. HERMANN MCLEOD (Solo Violin).
 "Ave Maria" Schubert
 "Hejre Kati" Hubay
 9.25. Evelyn Wilson.
 "I Was Dreaming" Juncker
 "Once in a Garden Lovely" Clarke
 "In the Purple Glow" Clarke
 9.35. JAMES GRIFFITHS (Solo Cello).
 "Caprice" Whitehouse
 "A la Hongroise" Fischer
 "Ave Maria" Cherubini
 9.45. MAY CONN AND HERMANN MCLEOD.
 Duet, Piano and Violin.
 Movement from Sonata in A Faure
 10.0.—NEWS. S.B. from London.
 Local News and Weather Forecast.
 10.15. Quintette.
 Movement from Quintette Friskins
 "Hungarian Dance" Brahms
 10.25.—Close down.
 Announcer: C. K. Parsons.

TUESDAY'S PROGRAMME.

(Continued from page 251.)

MANCHESTER.

9.0. Sam Hemsall.
 "Lohengrin's Farewell" Wagner
 Orchestra.
 Intermezzo, "Laurette" Ansell
 9.30.—NEWS. S.B. from London.
 Local News and Weather Forecast.

9.45.—Dance Music by the "2ZY" Orchestra.
 10.0.—W. F. BLETCHER, Examiner in Spanish to the Union of Lancashire and Cheshire Institute. Spanish Talk.
 10.30.—Announcements. Close down.
 Announcer: Dan Godfrey, Junr.

NEWCASTLE.

3.45.—Concert: Edward T. Stewart (Baritone), Michael Kelly (Solo Saxophone).
 4.45.—WOMEN'S HOUR.
 5.15.—CHILDREN'S HOUR.
 6.0.—Scholars' Half-Hour: Chas. Wain on "Natural History."
 6.45.—Farmers' Corner.
 7.0.—NEWS. S.B. from London.
 M. E. M. STEPHAN. S.B. from London.
 Local News and Weather Forecast.
 7.35. THE WIRELESS ORCHESTRA.
 Overture, "Fra Diavolo" Auber
 7.45. MARGARET THACKERAY (Contralto).
 "O Mio Fernando" Donizetti
 "Dream Once Again" Squire
 7.55. REGINALD LAWSON (Tenor).
 "The Silver Lamps" Phillips
 "In Love" Lohr
 8.5. Orchestra.
 Waltz, "Wine, Woman and Song" Strauss
 8.15. GEORGE GIBSON (Baritone).
 "The Wolf" Shield
 "I Fear No Foe" Pinsuti
 8.25. Orchestra.
 Suite, "On Jhelum River" Finden
 8.35. Margaret Thackeray.
 "Near Thee" Raff
 "Arise, O Sun" Day
 8.45. Reginald Lawson.
 "Oh! To be a Gipsy" Forster
 "Mountain Lovers" Squire
 8.50. Orchestra.
 Sanderson's Popular Songs.
 9.0-9.30.—Interval.
 9.30.—NEWS. S.B. from London.
 Local News and Weather Forecast.
 9.45. Orchestra.
 "Czardas Zuka" Michiels
 9.55. George Gibson.
 "The Desert" Emanuel
 "The Toreador's Song" ("Carmen") Bizet
 10.5. Orchestra.
 Entr'acte, "The Clock is Playing" Blaauw
 Fox-trot, "Somewhere in Fairyland" Stolz
 10.15.—THE SAVOY-ORPHEANS AND SAVOY-HAVANA BANDS relayed from The Savoy Hotel, London.
 11.0.—Close down.
 Announcer: E. L. Odhams.

WEDNESDAY'S PROGRAMME.

(Continued from page 253.)

NEWCASTLE.

3.45.—Concert: Dance Music by Walker's Band relayed from Messrs. Tilley's Grand Assembly Rooms.
 4.45.—WOMEN'S HOUR.
 5.15.—CHILDREN'S HOUR.
 6.0.—Scholars' Half-Hour: Mr. J. Brown on "Religious Houses of Old Newcastle."
 6.35.—Farmers' Corner: Professor Gilchrist on "Grass and Clover Seeds."
 7.0.—NEWS. S.B. from London.
 ARCHIBALD HADDON. S.B. from London.
 Local News and Weather Forecast.
 7.35. THE WIRELESS ORCHESTRA.
 "The Cabaret Girl" Kern
 7.45. DAVID MCFADZEAN (Baritone).
 "The Sailor's Life" Monckton
 "It Will All Come Right" Monckton

7.55. LEONORA HOWE (Soprano).
 "Love Will Find a Way" Simson
 "Farewell" Simson
 8.5. Orchestra.
 "The Dollar Princess" Lehar
 8.15. TOM HEENAN (Tenor).
 "Hawthorn of the May" Mackenzie
 "The April of My Heart" Clutzam
 8.25. Leonora Howe.
 "Dancing Lesson" Oliver
 "What's in the Air To-day?" Eden
 8.35. Orchestra.
 "The Island King" Garstin
 8.45. David McFadzean.
 "Four Jolly Sailormen" German
 8.50. Orchestra.
 Selection, "Stop Flirting" Gershwin
 9.0-9.30.—Interval.
 9.30.—NEWS. S.B. from London.
 Local News and Weather Forecast.
 9.45. Orchestra.
 Melodies from "Battling Butler."
 9.55. Tom Heenan.
 "There are Birds in the Valley" Lehmann
 "With Such a Dainty Dame" Cellier
 10.5. David McFadzean.
 "Star of My Soul" Jones
 10.10. Orchestra.
 Excerpts from "Katinka" Friml
 10.20.—Close down.
 Announcer: C. K. Parsons.

FRIDAY'S PROGRAMME.

(Continued from page 257)

NEWCASTLE.

3.45.—Concert: Harry Corry (Baritone), Jack Boddice (Solo Euphonium).
 4.45.—WOMEN'S HOUR.
 5.15.—CHILDREN'S HOUR.
 6.0.—Scholars' Half-Hour: Mr. E. J. Williams, B.Sc., on "The Story of Darwin and Wallace."
 6.35.—Farmers' Corner: Mr. H. C. Pawson on "Improvement of Upland Grazing."
 7.0.—NEWS. S.B. from London.
 G. A. ATKINSON. S.B. from London.
 Local News and Weather Forecast.
 7.35. CARL FUCHS and EDGAR L. BAIN- TON (Cello and Pianoforte).
 Sonata in A Beethoven
 8.0. ELSIE DOWNING (Soprano).
 "Sea Wrack" Harty
 "The Star" Rogers
 8.10. GEORGE TINDLE (Baritone).
 "Non Piu Andrai" Mozart
 "The Gay Highway" Drummond
 8.20. Carl Fuchs (Solo Cello).
 Sonata in G Sammartini
 8.30. Edgar L. Bainton (Solo Pianoforte).
 "A Hill Tune" Bax
 "Amberley Wild Brooks" Ireland
 "The Island Spell" Ireland
 8.40. Elsie Downing.
 "Prayers" Arundale
 "Pipes of Pan" Monckton
 8.50. Carl Fuchs.
 "Murmuring Zephyr" Jensen
 "Spanish Serenade" Glazounov
 9.0. Edgar L. Bainton.
 (a) "The Cuckoo" Daquin
 (b) "Pastoral": Allegro Presto Scarlatti
 9.10. Carl Fuchs and Edgar L. Bainton.
 Variations Mendelssohn
 9.20.—Interval.
 9.30.—NEWS. S.B. from London.
 Local News and Weather Forecast.
 9.45. George Tindle.
 "Love Leads to Battle" Buononcini
 "To-morrow" Keel
 10.13.—"PARSIFAL," Act III. S.B. from London.
 Announcer: R. C. Pratt.

To ensure getting the "Radio Times" regularly, ask your newsagent to deliver your copy every Friday.

THE CHILDREN'S CORNER.

CONDUCTED BY
UNCLE CARACTACUS

The Adventure of Uncle Will.

HULLO, CHILDREN!

Uncle Will, of Aberdeen, had a most extraordinary adventure in the office the other evening. Listen while he tells you all about it.

Uncle Will was working late going through all the letters from the kiddies when he suddenly heard a little scraping noise and, on looking up, he saw a quaint little creature sitting on his letter-basket.

"And who are you, my little chap?" said Uncle Will.

"Oh, I am Nothing," came the reply.

"Nothing," exclaimed Uncle Will. "Ha, ha! How very queer. Do you mean to tell me that your name is 'Nothing,' or is it because you do nothing?"

"My name is 'Nothing,'" said the little fellow, "and I come from a land miles and miles from here."

Mysterious Visitors.

At that moment another of the little creatures appeared, as it seemed, from nowhere, and sat on a chair, dangling his legs. Then another appeared and stood upon the telephone-receiver. Still another came, and within a very short time there were about thirty of these little fellows scampering about the table, here and there and everywhere. Some were dressed in blue and red, others in green and yellow, and so on.

The little creature called "Nothing" had been most curious. He peered into all the drawers of the desk, looked at all the letters, tried to lift the ink-well, but he was not very successful. For, after puffing and blowing, he gave it up. Two of the others had lifted a pencil and had placed it on a very small piece of rubber, and they had rather a happy time playing at "See-Saw," until one tumbled off and said he was not going to play any more. The others were jumping into the letter-basket and running along the edges, sometimes falling off, but having quite a jolly time. Indeed, it was great fun watching them, for they were ever so happy and showed it in their movements.

An Inquisitive Elf.

"Nothing" appeared, however, to be getting rather tired; but he still had energy to climb up on to the typewriter and stand in the centre of the roller, which, as you know, is a part of the machine.

"What do you call this big place?" he asked. "What is that funny thing which gives out so much sun? (pointing to the electric light). What is this I am standing on? What is that? (pointing to the telephone). What is this?" (pointing to the desk). He rhymed off so many questions that when he had finished, he appeared to be quite out of breath.

Then Uncle Will suddenly thought of the idea of visiting the country where the little creatures came from, and asked if it were possible to go there.

The Country With One Tree.

"Oh, yes," replied Nothing. "That's easy! But you must obey the laws of the country and do as you are told."

Uncle Will said he would do everything they asked him to do.

"Then close your eyes very tightly and do not open them until you are told to do so," replied Nothing. "Are you quite ready? Right, away we go!"

Uncle Will felt nothing happening whatsoever. He knew he was still in his chair, that his elbows rested on his desk and he could feel the heat from the electric fire. This was silly. Why not open his eyes? No. He could not do that. He had promised that he wouldn't. Still—

"You may open your eyes," suddenly came a rather sweet voice.

What a relief to hear someone break the silence which appeared to be so long. Uncle Will opened his eyes? Gone was the desk, the office, the four walls. Here lying before his very eyes was a most beautiful country. Hills and valleys dotted here and there, rivers, little streams, but, strange to say, only one big tree.

Uncle Will closed his eyes and when he opened them again he found himself standing on the island beneath this wonderful tree.

At that moment there appeared hundreds of the little beings whom he had met in his office at Aberdeen in all their vividly coloured dresses. One of them stepped forward and said:

"Do you know, Uncle Will, that we are the people that read the thoughts of mortals? We are called the People of Good Thoughts. Here where you stand is our village. Gaze above and you will see."

Uncle Will looked up, and there, on every leaf, was a lovely little house. There must have been hundreds of houses in that big tree. How wonderful it was! To think that there all the good thoughts were made to put into the minds of boys and girls.

Good Thoughts and Good Deeds.

"A good thought grows into a good deed," a voice said. "Uncle Will, go back and tell the kiddies that."

Uncle Will turned round to speak, but, lo, and behold! he was again in his office, still looking through the piles of letters that the boys and girls had sent in.

Uncle Will is now wondering how the little one called "Nothing" got his name. He will find out some time or other.

That's the annoying part of dream stories, isn't it? You always wake up and are never quite sure if it all happened.

I was talking to Sabo yesterday. He's fearfully pleased to see all these stories of his adventures printed. He's had a very exciting life, hasn't he? But soon, I believe, he's going on a special journey. You'll never guess where. Next week I'll tell you.

CARACTACUS.

Boy Radio Wizard.

Invalid Genius of Seventeen.

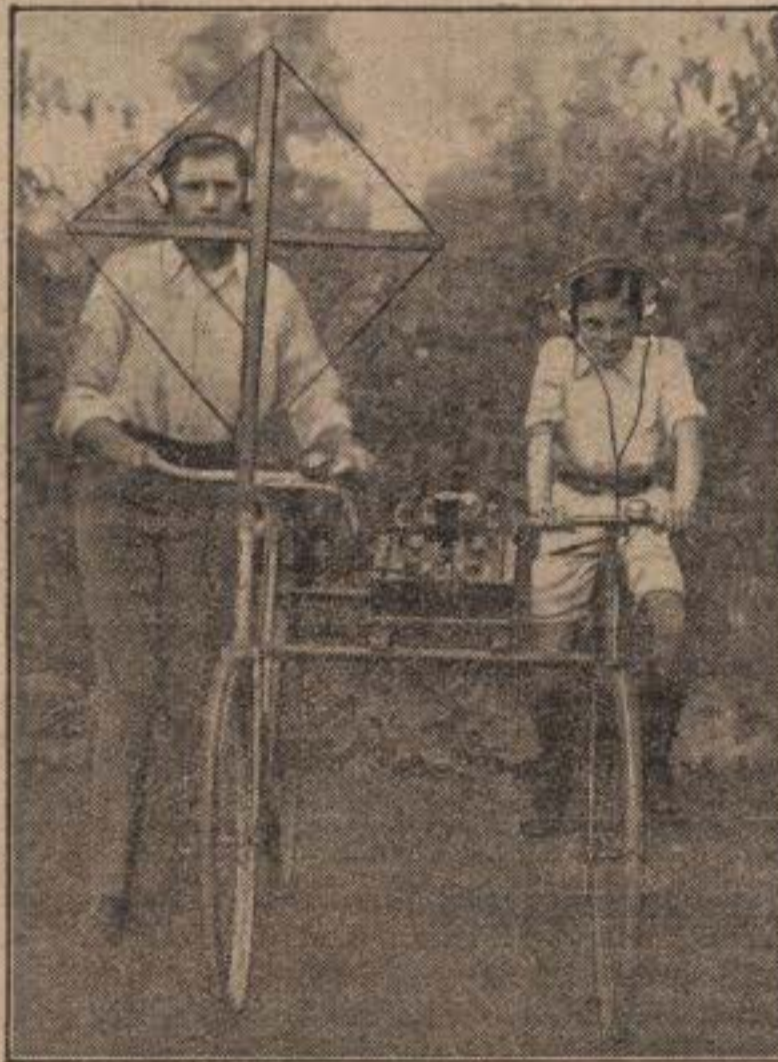
ONE of the most interesting personalities in the wireless world of the present time is young Lester Picker, of San Ysidro, California, who, although confined permanently to his bed as an incurable invalid, occupies the important position of superintendent of the American Radio Relay League.

Only seventeen years old, Picker had the grave misfortune a few months ago to fall from a wireless mast which he was erecting, breaking his back as a result. When he recovered consciousness, he found that he was paralysed from the waist down. Some of us, it is to be feared, would have wasted time in bemoaning our fate, but not so young Picker. Always an ardent wireless amateur, he set to work to perfect his knowledge of radio.

A Wonderful Home-Made Set.

Now Picker is the best-known amateur in America. His wireless set, built originally with his own hands, has been improved under his supervision until to-day it has a range of no fewer than four thousand miles. Messages sent from his station, 6ZH, have been picked up by ships away across the other side of the Pacific, while his voice is regularly heard in thirty-seven different States.

(Continued on the facing page.)



LISTENING ON WHEELS.

[This photograph, sent by Mr. R. W. Day, "The Bungalow," Townsend Road, Ashford, Middlesex, was awarded second prize (Class 3) in the B.B.C.'s recent Brighter Britain Competition.]

This was rather peculiar. Only one tree in such a lovely country as this! Usually it is the trees that make the country so beautiful. Yet here was a gorgeous country with a single tree.

Stranger still, this tree stood upon a little island in the centre of a lake where hundreds of water lilies were floating. Why was that tree standing there as if it were a King who held sway over a large kingdom?

On the Magic Island.

"What do you think of our country?" Again came that pleasant voice.

"Gorgeous!" exclaimed Uncle Will.

He walked slowly towards the lake, for he felt certain that the little creatures lived near the big tree and that it was from there the lovely voice came. He reached the edge of the lake wondering how he was to get to the island in the centre.

"Close your eyes!"

The Children's Corner. (Continued from the facing page.)

SABO AND MISS VELVET.

By E. W. Lewis.

SABO lost his heart. You expected that, didn't you? And so would you have done if you had been a lonely Gulliwog and had met Velvet, with her pretty ways.

On Sabo's side, it was love at first sight. Velvet, too, had thought kindly about him, and had said to her sister, Satin, after he had gone: "Now that was a fine gentleman for you!"

"For you!" said Satin. "He had no eyes for me!"

And Velvet threw her arms round Satin's neck and kissed her.

So it happened that when Velvet peeped out of the door of their house to see if Sabo was there, she saw him looking as if he had been waiting hours for her to come. He waved his hand. She ran across the floor to him. And that was the beginning.

Sabo entertained her on the writing desk with great pride, allowed her to run in and out of all the little drawers, and showed her how to turn the electric light off and on.

And each time, when she left him to go home, he had a jolly present for her; for there was afternoon tea in the sitting-room every day, and Sabo contrived to get a piece of cake, or a lump of sugar, or a fancy biscuit, for her delight.

"Which hand will you have?" he used to say, holding out his closed fists before her.

"That one!" said Velvet, with a nod.

And when he opened his hand, there was a gift for her. She always guessed right. Indeed, she couldn't have guessed wrong, for Sabo had something for her in either hand!

One day, while they were playing together, Velvet suddenly gave a little cry and ran to Sabo, clinging tightly to his arm with both hands. Her eyes were fixed in terror upon the door; and when Sabo looked, he saw Moppet, the Persian cat! He was coming into the room, padding slowly along with his great grey paws.



"Good evening, Mr. Moppet," he said. "I trust you are well."

"Oh, save me!" said Velvet in a terrified whisper. "What shall I do?"

Sabo had not much time to think. "Get on to my back," he said, "between my shoulders; and hold on tight!"

Velvet did as he told her, and clung there, on his back, for dear life.

Sabo dropped lightly to the floor, and went to meet Moppet.

"Good evening, Mr. Moppet," he said. "I trust you are well."

"You smell mousey!" said Moppet. "I wish you were a mouse!"

"Oh, do you?" Sabo laughed. "But you couldn't catch me!"

"Couldn't I just!" said Moppet.

"Try!" cried Sabo, and he began to dance about on tiptoe in front of her.

Moppet made a grab at him with her paw, but Sabo dodged out of reach. And he went on dodging and dancing, careful to keep his face always turned towards him lest he should discover the precious burden he carried on his back. And as he dodged and danced, Sabo drew backwards bit by bit nearer and nearer to the mousehole in the corner. The closer he got to the corner, the surer Moppet was of catching him.

Then Moppet made a spring; Sabo stumbled down upon his knees; and Velvet, letting go her hold, disappeared like a little dark flash into the hole.

Sabo felt her go, and knew that she was safe. He lay on his back on the floor.

"Caught!" he cried, laughing. "Fairly caught! How clever you are, Mr. Moppet!"

Moppet stood over him, with a paw on his chest, like a tiger. "It was easy," he said.

"What would you do with me if I were a mouse?" said Sabo.

Moppet flashed his tail to and fro, and walked off towards the fire.

"I should be frightened of you, Mr. Moppet," said Sabo, "if I were a mouse!" But Moppet gave no heed to what he said. He sat in the firelight, washing his face.

(Another "Sabo" Story Next Week.)

"Babel Tower calling!"

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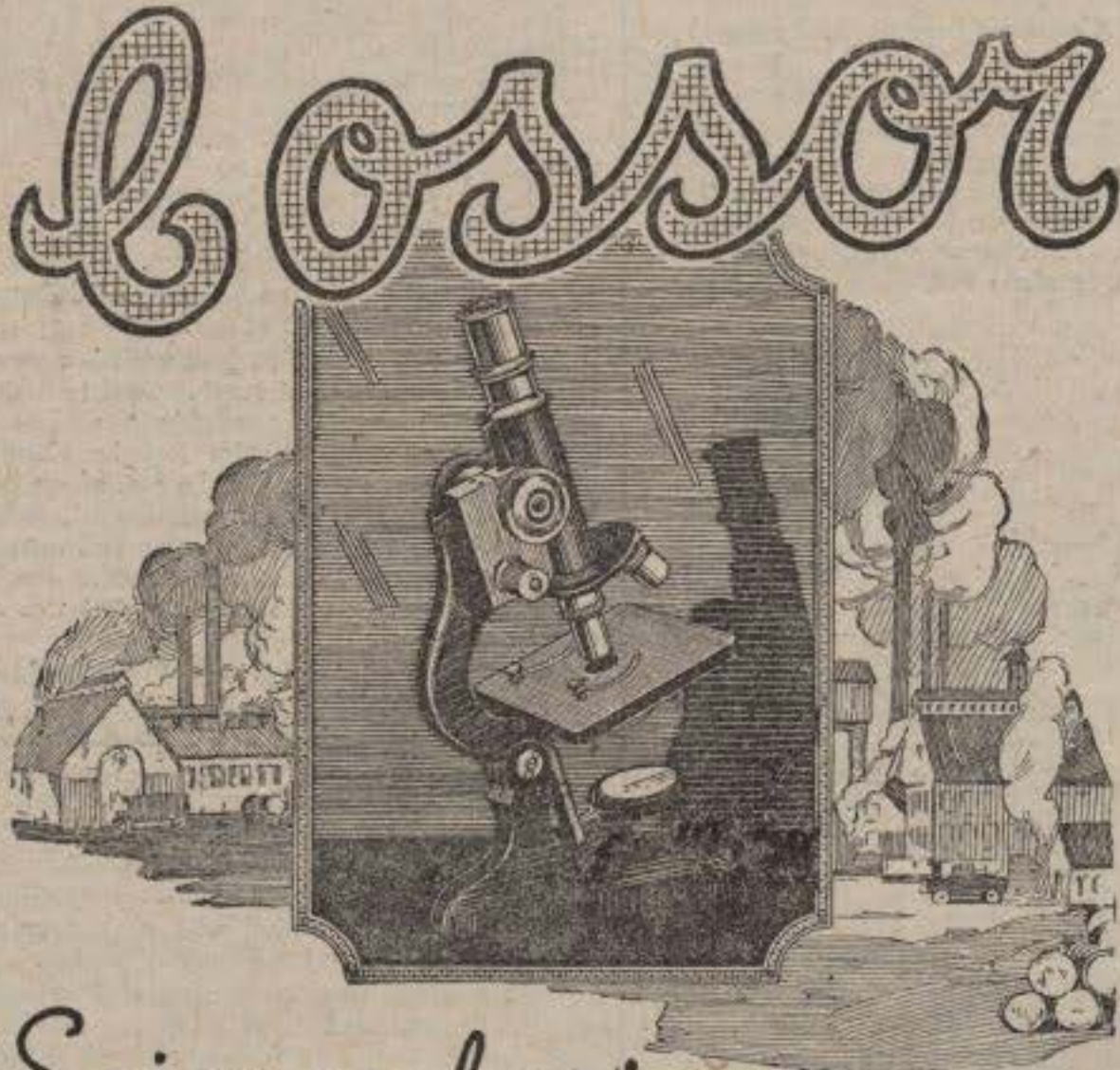
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A GREAT English scientist worked out the theory of electron emission and, by building a two-electrode Valve, was the first to apply his discoveries to Wireless, whilst a famous American scientist went a step further and added the grid—thus greatly increasing its scope and utility.

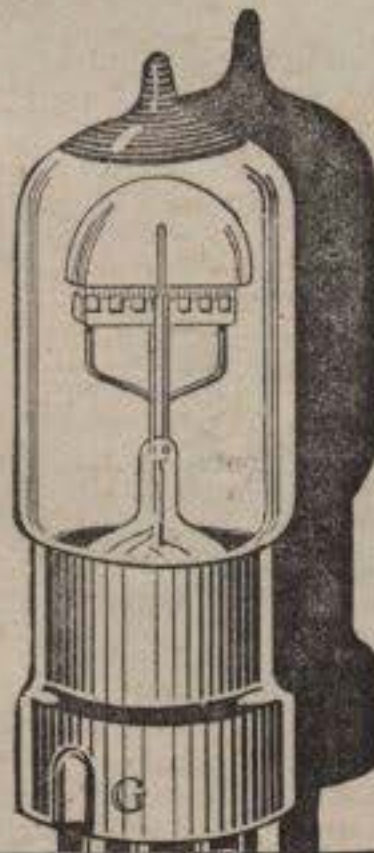
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FELLOWS



La Bretagne—Quelques Coutumes.

[The following talk on the Customs of Brittany will be given by M. E. M. Stephan at London Station on Tuesday, February 12th, at 7.15 p.m. (S.B. to all Stations except Aberdeen). It is printed here in French so that readers of The "Radio Times" may follow M. Stephan word for word. In this way, listeners will be enabled to correct any errors of pronunciation.]

CEUX d'entre vous qui ont lu le livre si intéressant de Michelet, "Notre France," se rappellent peut-être, ce que le grand historien a dit de la Bretagne, dans le chapitre qu'il a consacré à l'histoire de cette vieille province. Après avoir montré combien la côte de Brest est sinistre et formidable, combien la nature y est atroce, il s'efforce de prouver que l'homme aussi doit être dur sur cette côte; d'après lui, on ne trouve en Bretagne que peu de poésie et peu de religion, "Le Christianisme," dit-il en terminant, "y est d'hier."

Il y a sans doute une partie de vérité dans ce jugement, mais il est tout un autre côté du caractère breton qui a échappé à Michelet. Il n'a pas su voir l'âme simple, naïve, mélancolique et rêveuse des habitants de l'Armorique.

Pour arriver à comprendre l'âme même de la Bretagne, il faut pénétrer en terre bretonne comme le fit Guy de Maupassant: à la main, un bon bâton noueux; sur le dos, un sac de soldat; aux pieds, une bonne paire de souliers ferrés; sans carte, sans guide, et s'en aller ainsi de village en village, évitant les plages à la mode.

Vous découvrirez bientôt qu'il y a ici, complet accord entre la terre et l'homme, et que les mœurs du peuple et son tour d'esprit montrent que les souvenirs vivent éternellement dans ce coin de France, les souvenirs et aussi les façons de penser des ancêtres.

Voilà pourquoi la Bretagne est si riche en folk-lore et en légendes. C'est vraiment la terre du "Passé."

Et parmi les légendes et coutumes bretonnes les plus extraordinaires et les plus intéressantes, nous distinguerons celles qui traitent des problèmes de la Mort. Il n'y a pas de sujet qui captive davantage le Breton; il n'y en a pas non plus, qui lui soit plus domestique et, le dirai-je, plus familier.

Toute la conscience du peuple semble s'orienter vers les choses de la Mort. Dans ce pays l'idée du Trépas n'est pas haïssable; elle n'a rien qui effraie, au contraire, elle est toujours présente et familière à tous: petits et grands, riches et pauvres; et on l'a fort bien dit "elle est comme le sel de la Vie."

On n'exagère pas en disant que les Bretons vivent bien plus avec les morts qu'avec les vivants.

Aussitôt qu'un malade entre en agonie, on fait tinter la cloche de l'église. Ces tintements varient suivant le sexe et la qualité du mourant. Si ce dernier est un personnage important les sons se font entendre avec une solennelle lenteur; nous avons "l'agonie noble" car, ainsi que l'a dit Brizeux, un de nos poètes nationaux, "Même en son trépas."

"Le riche a des honneurs que le pauvre n'a pas."

Pendant que la cloche tinte le glas de l'agonie, les parents, les amis, les voisins se rassemblent dans la maison, même, et jusque dans la chambre du malade; on allume un cierge, béni le jour de la Purification (2 février), et le plus ancien récite la prière des agonisants.

Quand la Mort a touché le mourant de sa froide main, on fait trois signes de croix avec

le cierge sur son front, sur ses épaules, et sur sa poitrine; puis on éteint le cierge. Dans certaines régions de la Bretagne on a soin de remplir d'eau, tous les vases de la maison, pour que l'âme du mort puisse s'y purifier, et aussi de peur que cette âme, ne trouvant pas sa suffisance d'eau n'aille se plonger dans les jattes de lait qu'elle corromprait ainsi, sous prétexte de s'y laver.

Lorsque j'étais enfant je me rappelle fort bien avoir vu les ruches des abeilles recouvertes d'un drap noir quand il y avait un deuil dans la maison.

Il y a encore aujourd'hui des villages bretons où l'on ne donne pas à manger aux bestiaux la nuit qui précède l'enterrement, afin de les associer à la tristesse et aux regrets de la famille.

D'ailleurs les Bretons croient que très peu de temps après son départ de ce monde, le mort, ou plutôt son âme, reviendra fréquenter les lieux qui lui étaient chers pendant sa vie terrestre. Il est surtout hors de doute, qu'à certains jours de l'année, et plus particulièrement la veille des grands fêtes religieuses (La Toussaint, Noël, Pâques, etc.), le mort ne manquera pas de revenir s'asseoir dans son coin favori, près du feu, pour se réchauffer à la flamme claire de la fougère et des ajoncs.

Et cela vous explique pourquoi, dans beaucoup de districts bretons, on ne balaie pas le plancher de la salle commune, la veille des grandes fêtes religieuses; on se garde surtout de le faire la veille des Pardons. On aurait peur de heurter d'un coup de balai, et par suite de blesser, les pauvres âmes qui rôdent invisibles dans l'obscurité mystérieuse.

Dans la campagne, aux environs de Brest, on pousse la chose encore plus loin: par scrupule on n'y balaie jamais la maison le soir; de plus, on entretient le feu dans la cheminée en le recouvrant soigneusement de cendres, et on ne manque pas de mettre du pain, de la viande, du cidre, et du lait sur la table, pour que les âmes, qui ont autrefois vécu dans ce logis, puissent y revenir goûter à ces douceurs terrestres, dont elles ne jouissent peut-être pas dans leur nouvelle demeure. D'après la mythologie bretonne les âmes des morts ne se sont pas complètement dépourvues de leur existence d'ici bas; elles ont gardé un reste de vie de cemonde, et quelques-uns de nos besoins les plus humbles.

Dans les villages de la Cornouaille, Bretagne, en pleine montagne, la coutume veut qu'autour du bûcher allumé la veille du Pardon, on dispose des grandes pierres plates. La tradition et la légende nous apprennent que les âmes des morts viennent s'asseoir sur ces pierres pour se réchauffer. Au beau milieu du bûcher on accroche une marmite pleine des viandes que l'on fait cuire pour eux.

Voilà quelques-unes des coutumes et des croyances qui constituent "La Légende de la Mort chez les Bretons." Elles ajoutent un charme de plus à cette Bretagne déjà si intéressante par sa géographie, son histoire, sa langue, ses costumes et ses mœurs, et elles serviront peut-être à vous faire mieux comprendre l'âme celte rêveuse et mystique, dont Renan a si admirablement parlé.

WISE MEN

provide for their later years
this way:

Mr. A	gets cheque for	£4,215	at age of	58
Mr. B	"	"	"	60
Mr. C	"	£3,425	"	55
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Write to us to-day for particulars. You will receive in reply details of a Plan which, adopted, will mean great things for you and yours. Everything will be explained very clearly, with exact figures, showing how easy it is to make provision for your own later years and at the same time to secure adequate financial protection for your family.

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ABERDEEN PROGRAMME.

(Continued from page 263.)

8.0-8.15.—Talk on "Charles Dickens—Reformer."
 9.0-9.30.—Interval.
 9.30.—NEWS. *S.B. from London.*
 Local News and Weather Forecast.
 10.13.—"PARSIFAL," Act. III. *S.B. from London.*
 Announcer: W. D. Simpson.

SATURDAY.

3.30-4.30.—Marie Sutherland (Solo Piano), Burnett Farquhar (Solo Piccolo), Nancy Lee, E.R.A.M. (Solo Violin), Andrew Watson (Solo Cello), William Harkins (Solo Clarinet).
 5.0.—WOMEN'S HALF-HOUR.
 5.30.—CHILDREN'S CORNER.
 6.0.—Weather Forecast for Farmers.
 7.0.—NEWS. *S.B. from London.*
 Local News and Weather Forecast.
 7.15.—ABERDEEN WIRELESS ORCHESTRA.
 Overture, "Rhoderick Dhu" *Volta*
 7.25.—DUFTON SCOT (BRAID SCOTS HUMORIST)
 Will entertain from his own works.
 7.35. Orchestra.
 March, "Bonnie Blue Bonnets" ... *De Ville*
 7.45.—Dufton Scot will entertain from his own works.
 7.55. Orchestra.
 Selection, "Gathering of the Clans" *Volta*
 8.5.—Dufton Scot will entertain from his own works.
 8.15.—"CAVALLERIA RUSTICANA." *S.B. from London.*
 9.30.—NEWS. *S.B. from London.*
 9.43.—"PAGLIACCI," Act I. *S.B. from London.*
 10.32 (approx.)—MAJOR L. R. TOSSWILL. *S.B. from London.*
 10.44.—"PAGLIACCI," Act II. *S.B. from London.*
 Announcer: H. J. McKee.

Foreign Stations.

FRANCE.

Eiffel Tower. FL. Paris. 2,600 metres.
 6.40 to 7.0 a.m.; 11.0 to 11.30 a.m.; 3.40 to 4.0 p.m.; 5.30 to 7.20 p.m.; 10.0 to 10.30 p.m.
 Compagnie Française de Radiophonie (Emission Radiola). SFR. Paris. 1,780 metres.
 12.30 to 2.0 p.m.; 4.30 to 6.0 p.m.; 8.30 to 10 p.m. (On Sundays and Thursdays Radio Dancing at 10 p.m. Close down at 10.45.)

L'Ecole Supérieure des Postes et Télégraphes. 450 metres.
 Sunday, 9.0 p.m.; Tuesday, 8.15 to 9.25 p.m.; Wednesday, 9.0 p.m.; Thursday, 9.0 p.m.; Friday, 9.0 p.m.; Saturday, 9.0 p.m.

SWITZERLAND.

Radio Station Marconi. TSF. Geneva. 1,100 metres.
 Wireless transmissions daily (Sundays excepted), 1.15 to 1.30 p.m.
 Lausanne. HB2. 1,100 metres.
 4 p.m. Tuesday, Thursday, Saturday; 7 p.m. Monday, Wednesday, Friday, Saturday.

GERMANY.

Koenigswusterhausen. LP. Berlin. 4,000 metres.
 6.0 to 7.0 a.m.; 11.30 a.m. to 12.30 p.m.; 4.0 to 4.30 p.m.
 These times of transmission are Greenwich meantime.

AMERICA.


General Electric Co. WGY. Schenectady, N.Y. 380 metres.
 Radio Corporation of America. WJZ. New York, N.Y. 455 metres.
 John Wanamaker. WOO. Philadelphia, Pa. 509 metres.
 L. Bamburger and Co. WOR. Newark, N.J. 405 metres.
 Post Dispatch. KSD. St. Louis, Mo. 546 metres.
 Rensselaer Poly. Inst. WHAZ. Troy, N.Y. 380 metres.

(Owing to pressure on our space "Letters from Listeners" have been unavoidably held over until next week.)

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 British Empire Exhibition, Wembley, 1924.

(R.P.S. 170)



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(Registered Trade Mark)

This name in the style shewn above will appear on every B.T.H. Receiving Set, and will also figure prominently in all future leaflets and advertisements. The name Radiola coupled with the B.T.H. monogram on any receiving set guarantees that set to be the best of its kind.

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A well designed highly finished receiving set at a moderate price, complete with one set of headphones.

£3 10s. (B.B.C. Tariff 1s. extra)

Radiola Crystal Set (Model A)

A complete receiver with alternative crystals, enclosed in highly finished case. Supplied with one pair of headphones.

£4 15s. (B.B.C. Tariff 1s. extra.)

Radiola I Valve-Crystal Set

A valve-crystal set embodying a "Reflex" circuit, of great selectivity. Supplied with one pair of headphones, H.T. battery and B5 valve.

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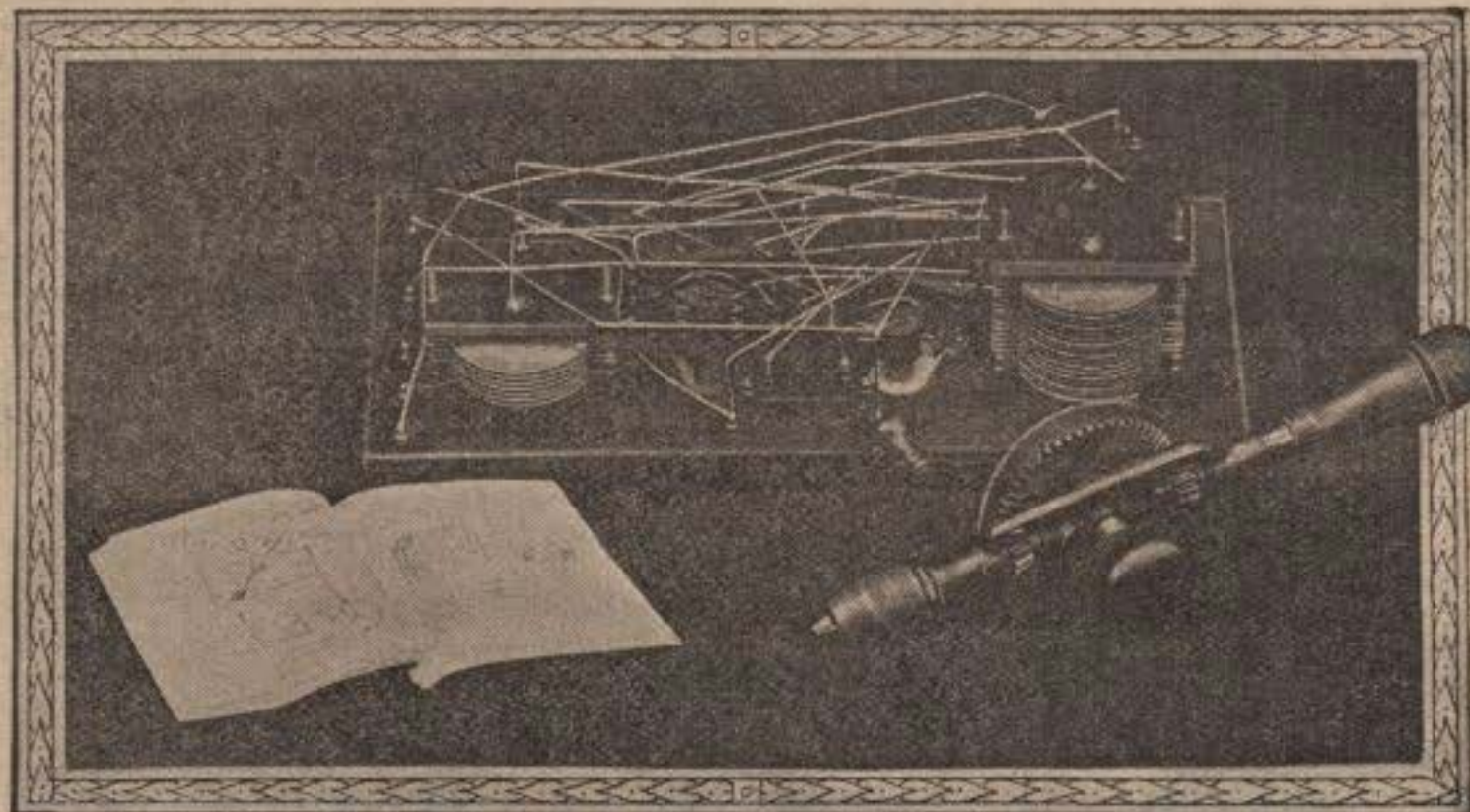
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KNOWLEDGE as to how your Set works will enable you to obtain infinitely better results and permit you to put the Set in order should anything go wrong.

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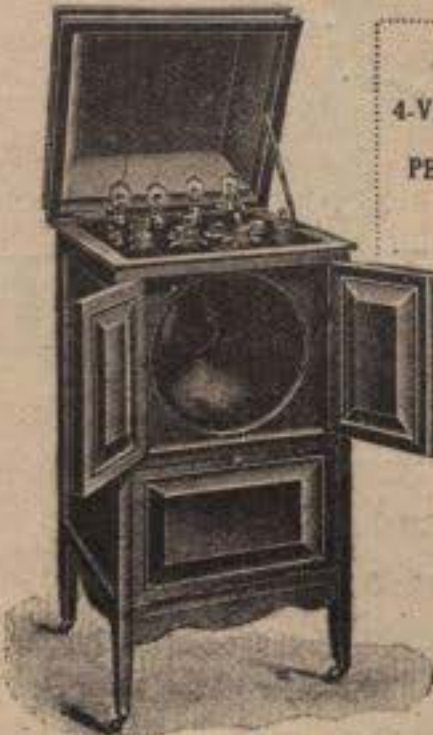


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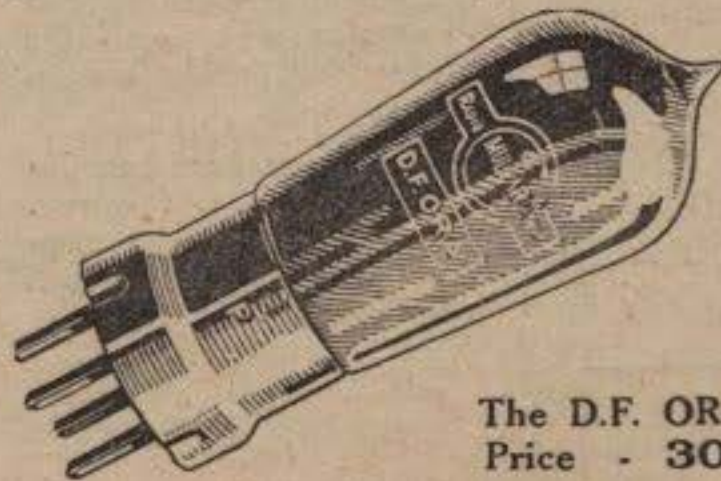
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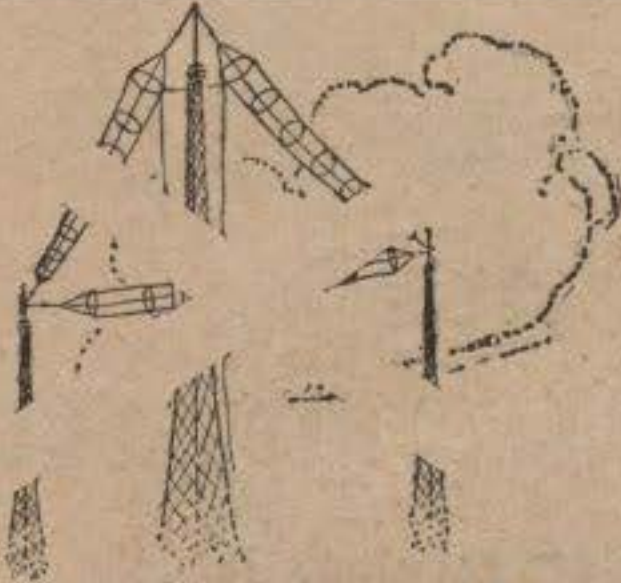


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Whether you are an experimenter or merely a broadcast listener, you will find the February issue of this fine Magazine of extraordinary interest to you.

FOR THE EXPERIMENTER.

The keen experimenter will appreciate a special article by John Scott-Taggart, F.Inst.P., on "Constant Aerial Tuning," showing how the Aerial Circuit is tuned and how special circuits are devised which will allow the receiving Set to be calibrated irrespective of the length of the Aerial. Another article of almost equal importance is one dealing with recent experiments in high frequency amplification, written by Percy W. Harris (Assistant Editor).

FOR THE HOME CONSTRUCTOR.

Among Constructional Articles are those describing how to make an attache-case Set (using a Dull Emitter Valve), a Three-Valve Receiver with unlimited wave-length range, and a miniature Crystal Set. In addition, full constructional details are given for building the Omni-Circuit Set, which enables hundreds of different Circuits being tried out almost at a moment's notice.

FOR THE BROADCAST ENTHUSIAST.

An article of first-rate importance is entitled "How to Use a Multi-Valve Set." This is most comprehensive, and is written by an expert with very considerable experience. If you already own a multi-valve Set, it is ten chances to one that, with the added experience gained from reading this article, you will get better results from it.

Other articles include "Wireless Under the Microscope," curious Reaction Circuits, and a large number of others. Share in this big birthday issue by purchasing your copy to-day.

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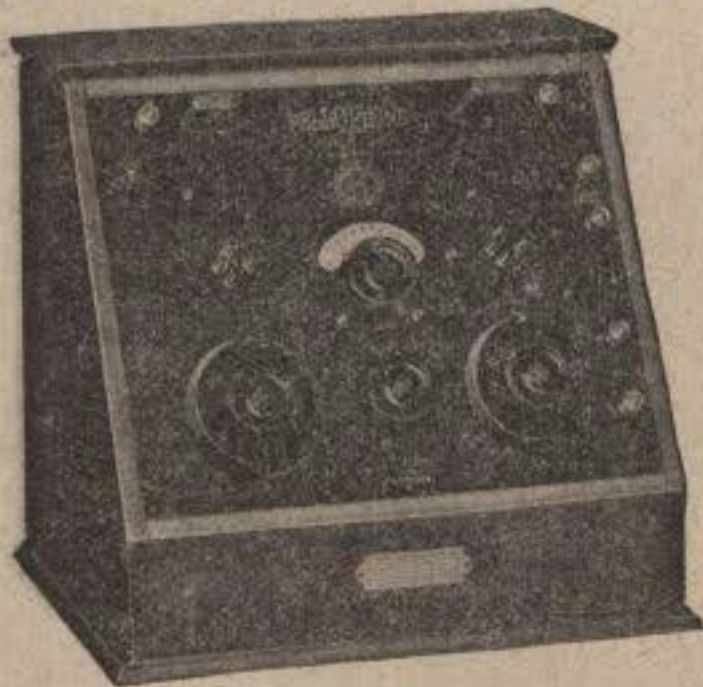
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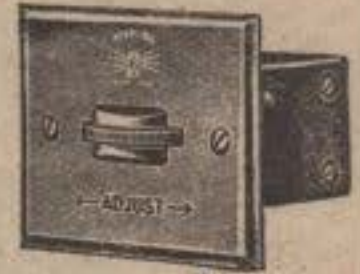
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