

AN IMPORTANT OFFICIAL STATEMENT: SEE BELOW.



THE OFFICIAL ORGAN OF THE B. B. C.

Vol. 5. No. 57.

[Registered at the G.P.O. as a Newspaper.]

EVERY FRIDAY.

Two Pence.

OFFICIAL PROGRAMMES OF THE BRITISH BROADCASTING COMPANY.

For the week commencing SUNDAY, October 26th.

- LONDON
- ABERDEEN
- BIRMINGHAM
- BOURNEMOUTH
- CARDIFF
- GLASGOW
- MANCHESTER
- NEWCASTLE
- BELFAST

- SHEFFIELD (Relay)
- EDINBURGH (Relay)
- HULL (Relay)
- STOKE-ON-TRENT (Relay)
- PLYMOUTH (Relay)
- LIVERPOOL (Relay)
- NOTTINGHAM (Relay)
- LEEDS-BRADFORD (Relay)

SPECIAL CONTENTS:

- WIRELESS AND YOUR GRANDSON. By H. de Vere Staurope.
- RADIO TO AID HARASSED WIVES. By May Edginton.
- THE FAIRY GIFT OF RADIO. By Dr. Mary Scharlieb, M.D., M.S.
- "COME INTO THE GARDEN, MAUD." The Story of the Famous Song.
- OFFICIAL NEWS AND VIEWS.

The High - Powered Station — and After.

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

FROM time to time during the past few months we have made announcements regarding the high-powered station experiments, and were always careful to say that the Chelmsford transmissions were experimental, and that no one should assume that a permanent station of this power would be built, however successful the experiments might be, and that in any event if such a station were established, it would not be at Chelmsford.

Let me recall the three main objects of the experiments: first, to see whether transmission of approximately 20 KW power would give satisfactory crystal reception at a distance of 100 miles; second and third, to prove whether the present broadcasting service and other existing services would be interfered with by the new station, and *vice versa*. As an important corollary to the first point, we also desired to find whether satisfactory reception could be obtained along the English coast in spite of the serious and prevalent jamming from marine signalling there experienced.

Permission to experiment was obtained at the beginning of June, and by the end of July sufficient data had been acquired to enable it to be said that the main points had been covered, each of them in the sense which we had expected, namely, that crystal reception was established at a radius of at least 100 miles, broadcasting had been elevated from the farcical condition in which it had reached many coastal listeners, the existing broadcast service from the various stations had not been prejudiced in any way, but some interference had been experienced in the Army and Air Force training areas. Many thousands of letters had been received from all over the country, and it was clear to the B.B.C. that, if they were financially able and if permission could be obtained, it would be desirable to proceed with the plans for a permanent

station, continuing the transmissions from the temporary station until the new one was ready.

At the beginning of August our Board decided to undertake the responsibility of erecting and operating a permanent station if the Post Office approved, and permission was accordingly sought. In this decision there is implied a reliance on public integrity in the matter of licences, as the new station will be very costly both to build and to maintain. In the project is demonstrated the desire of the B.B.C. to serve large areas where reception is now possible on expensive apparatus only.

It was not possible to secure a round-table conference with the fighting services till the end of September, and when this was held, considerable discussion ensued as to wave-length, power, and site. It was not an easy matter to reach a solution. We were against going more than 30 or 40 miles from London, owing to the consequent weakening of signals along the coast, and also owing to the increased difficulty of ensuring efficient land-line transmission between the studios in London and the new station.

As was announced at the opening of the Albert Hall Exhibition, however, definite permission has now been given, and we are prospecting for a suitable site on a line drawn between Gloucester and King's Lynn, and probably in the vicinity of Northampton. This is farther north than we had thought to go, but there is no alternative, and there are certainly advantages in getting nearer to the geographical centre of the country.

As to the objections, both, we believe, can be overcome, and it is hoped that before many months are passed, Chelmsford with its 20 KW service and restricted hours will have given place to an unlimited service at 25 KW. Till

(Continued over page 3.)

# "Come Into the Garden, Maud."

The Story of the Famous Song. By A. B. Cooper.



Mr. A. B. COOPER.

one in the front rank of English poets, the other taking high rank among English composers. The first is Alfred, Lord Tennyson, the second, Michael William Balfe, the composer of *The Bohemian Girl*.

It is perhaps somewhat of an Irishism to call Balfe an English composer, for he was undoubtedly an Irishman, born the year before Tennyson, 1808, at Limerick. He seems to have been something of an infant prodigy, for he made his *debut* as a singer at Drury Lane at sixteen, and had a musical work produced at the Scala, Milan, at eighteen, and this early foreign success was prophetic, for he remains one of the few English composers prior to the beginning of the present century known beyond the limits of these shores.

## Sims Reeves' "Star Turn."

It is not my intention to tell the long story of his many operatic successes, for *The Bohemian Girl* is the only one which really survives, and that by virtue mainly of three exquisitely melodious songs, "I Dreamt that I Dwelt in Marble Halls," "When Other Lips," and "The Heart Bowed Down." By virtue of these his name would live, and to them must be added three other songs at least, "The Arrow and the Song," that beautiful setting of one of Longfellow's most beautiful poems, "Killarney," which has taken an assured place in Irish minstrelsy, and last, but by no means least, "Come Into the Garden, Maud."

This latter will always be associated with the name and fame of Sims Reeves, a singer whom many old concert-goers still reckon the greatest of English tenors, for Balfe wrote the song especially for his fine voice. There are doubtless many readers of *The Radio Times* now "getting on in years," who recall Sims Reeves' singing of this song, and the tremendous enthusiasm it evoked. It was his "star turn," and never did musician give a robust tenor a greater opportunity. From the first note to the last it kept vast audiences spellbound, from the whispered "She is coming, my own, my sweet," to the last "I am here at the gate alone," which brought down the house with a crash of applause!

## Composed in a Moment.

Balfe got the inspiration for the song while he was staying in Paris, and at once sent off the opening bars, as a sort of "sample," to Reeves. A few days later they were returned with the laconic note pencilled upon them: "This will do." Reeves was right, for this proved through many years one of the great tenor's most successful songs.

Balfe was apt to be sudden in composition, and, like the true Irishman he was, impulsive into the bargain. On one occasion Boucicault wanted a song for his play, and brought the now well-known words of "Killarney" to Balfe to see whether they would awaken his inspiration. Mrs. Balfe took them upstairs to

her husband, who straightway sat down at the piano. Hardly had she left the room when he called her back, saying excitedly: "I've done the song—and it's great. Tell Boucicault to come up and hear it."

But Mrs. Balfe did not approve of such extreme haste and herself hastened to point out to her impulsive husband that if Boucicault got the idea that he could write a song in five minutes, he might fix the price accordingly, and give him little—or nothing—for so little trouble. So after a little interval she went demurely downstairs and said to the waiting dramatist: "Balfe has an idea! If you will call again to-morrow, or the next day, he will probably have the song ready for you." Unfortunately, the story ends there, and does not tell us whether her wifely common sense bore the fruit she anticipated.

## Tennyson's Bluntness.

It need hardly be said that Tennyson had nothing to say about the use Balfe made of a fragment of his exquisite lyric from that long and lovely, but to some critics unsatisfactory, poem entitled "Maud; A Monodrama." But he did not look kindly, as a rule, upon people who set his lyrics to music. Here is a story which illustrates this:

"One night, after dinner, Mrs. Sartoris sat down to sing a poem of his which she had set to music. She sang it beautifully, but when it was over, the poet, with asperity, expressed his intense annoyance that his beautiful lines should have been set to what he called 'horrible third-class music'! The result was general consternation—everyone called for their candles and went to bed."

## A Poet's "Sacred Pipes."

Yet, whilst many of Tennyson's lyrics have been indifferently set, a few have been put to music with great distinction, for besides the song under notice, we may recall Roger Quilter's setting of "Now Sleeps the Crimson Petal," Bridge's "Crossing the Bar," and the beautiful quartet "Sweet and Low."

Tennyson wrote "Maud" at Farrigford, in the Isle of Wight, when the present Lord Tennyson was a very little child. In his beautiful memoir of his father, Lord Tennyson says: "My father worked at it morning and evening, sitting in his hard, high-backed wooden chair in his little room at the top of the house. His 'sacred pipes' as he called them were half an hour after breakfast and half an hour after dinner, when no one was allowed to be with him, for then his best thoughts came to him."

## The Cock's Mistake.

"As he made the different poems, he would repeat or read them. The constant reading of the new poems aloud was the surest way of helping him to find out any defects there might be. During his 'sacred half hours,' and his other working hours, and even on the Downs, he would murmur his new passages or new lines as they came to him, a habit which had always been his since boyhood, and which caused the Somersby cook to say: 'What is Master Alfred always a-praying for?'"

As I have said, Balfe selected only a few stanzas from one of the many lyrics of which *Maud* consists, the lyric beginning:—

"Come into the garden, Maud,  
For the black bat, night, has flown,"

but I would advise my readers to read—not once, but many times—the whole of that lovely twenty-second lyric of "Maud," so that they may see that there are several stanzas even more beautiful than those which Balfe has set so melodiously.

## The High-Powered Station— and After.

(Continued from previous page.)

then Chelmsford will carry on. This new station will be one of the most powerful broadcasting stations in the world, and not only will serve areas now inaccessible, but will bring us nearer the day of regular international exchange.

\* \* \* \*

The next question to be decided is what programme shall be broadcast, and I shall now give the present state of opinion, without prejudice, and dependent for fulfilment on many factors. A separate programme might be conducted or any station studio linked to the high-powered station, but in view of the apparent, but inexplicable, unpopularity of even one weekly provincial transmission from Chelmsford, it is likely that a London programme will normally be broadcast.

\* \* \* \*

This will mean that a great proportion of provincial listeners will be able to choose between their own station and the high-powered one, for it must be remembered that crystal reception will be possible at 100 miles at least, single valve up to 200 miles, and two-valve anywhere in the British Isles. It is well worth effecting the comparatively small adjustment necessary to give reception on 1,600 metres as well as on the broadcast band.

On occasions when anything outstanding is happening in any part of the country, it would probably be broadcast from the big station as a matter of course.

\* \* \* \*

London, observe, is the only district then left without an alternative programme, for the broadcasting of a general London programme from the high-powered station does not, unfortunately, make it advisable to switch the present "2LO" on to specialities, as such large numbers of receiving sets in the London area, though all within crystal range of the new station, are not adopted for the long wave. We should, therefore, like to be able to consider the possibility of establishing a second station in London, similar to the existing station, but working on a different wave-length in the 300-500 band, and sending out from it specialities of less general application than from "2LO" and the high-powered station.

This would involve the erection of a duplicate transmitting apparatus at the new London station which is now being built.

\* \* \* \*

The first set should be in operation by the end of the year. Thereafter, if it is found possible, financially and technically, to run a second service, periodic if not regular, from that site, it may be arranged to retain the present London aerial in operation till the second apparatus is ready.

\* \* \* \*

As so great a portion of the country will be able to hear the high-powered station, it will probably be found that less simultaneous broadcasting will be carried out among the low-powered stations, but several alternatives in respect to programmes and methods of linking will clearly be possible.

It all depends on the number of licences. We hope the turmoil of an election has not caused any listener to forget either his renewal or his first licence. A great many plans are under consideration, but their materialization is not all in our keeping, by any means. It is not a Government tax you are asked to pay, but your contribution, irrespective of whether your aerial is inside or out, to the service which is conducted on your behalf.

# Official News and Views. GOSSIP ABOUT BROADCASTING.

## The General Election.

At intervals, from about 10 p.m. onwards, on Wednesday, October 29th, it is hoped to give election results. Full details will be given of Ministers, ex-Ministers and others in the public eye, also the state of the Parties every hour.

## The Appeal of the Home-Made.

A series of talks, which should be of practical value to listeners, is now being given from the Manchester Studio on the different kinds of Arts and Crafts which are easy for listeners to take up in their own homes. Various handicrafts will be dealt with, including such crafts as painted and stained woodwork, repoussé metal work, colour block printing, and each speaker will be an expert in his own particular craft. This series of talks promises to be of great interest to listeners in these days, when the appeal of the home-made article is so strong, owing to the relatively high cost of bought goods. The talks are broadcast every Wednesday evening at 6.30 p.m.

## A Man With Too Many Friends.

*An Unwilling Martyr*, a one-act farce by Anton Tchekov, will be presented at Cardiff Station on Wednesday, November 5th, by the Station Repertory Company. This play is one of those delightful commentaries upon the petty things of everyday life which is the genius of Tchekov's art; he takes little groups of people and shows us the cumulative tragedy of their daily lives. In *An Unwilling Martyr*, we have a picture of a man with too many friends. No matter what journey he undertakes, he is bombarded with commissions to "buy" and "to bring." Outwardly meek, yet inwardly rebellious, he continues to oblige people until there comes the proverbial last straw which drives him to the verge of suicide. Absurd, of course, but we have all experienced the same exasperation and our amusement is tinged with sympathy for his woes.

Another comedy, *A Fool and His Money*, by Laurence Housman, will be broadcast from Cardiff on the same evening.

## Complete Religious Service to be Broadcast.

On Sunday, November 2nd, Cardiff Station will broadcast a complete service from St. Woollos Pro-Cathedral, Newport, one of the oldest churches in the district. The original edifice dates from Norman times, but it was largely added to in the fifteenth century, from which period there remains a large number of interesting effigies. Until about 1836 St. Woollos was the only church for the inhabitants of Newport; it was extensively repaired in 1855, and with the decree for the formation of the diocese of Monmouth in 1921, it was created pro-cathedral. The broadcast service will be conducted by the Ven. D. H. Driffiths, M.A., Archdeacon of Monmouthshire.

## Works of Two Masters.

The Newcastle Station is devoting its programmes on November 5th to Vaughan Williams and Delius. Both these masters have this in common with the greatest English poets, that they find their profoundest inspiration in the contemplation of nature. On the present occasion both composers will be represented by some of their most attractive and popular works—Vaughan Williams by *The Lark Ascending* (after Meredith's poem), the *Songs of Travel* (words by R. L. Stevenson), and the delightful Suite from the music to the *Wasp* of Aristophanes; Delius by the two pieces for small orchestra, *Summer Night on the River* and *On Hearing the First Cuckoo in Spring*, and a number of songs. Particular interest will attach to the first performance of a work for String Orchestra by Delius, composed in 1915, but which has not hitherto received a public hearing.

On November 7th English music will again have the place of honour at the same station. Mr. John Coates will give a recital of XVIIth and XVIIIth century and modern English songs. The second part of the programme has been allotted to Arnold Bax, an outstanding figure among the younger composers. The Phantasy for violin and orchestra, which musicians and public agree in considering one of his finest works, and the Quintet for harp and strings will be performed.

## Talks by the Director of Education.

The Director of Education is giving educational talks during the afternoons of October 31st and November 7th at the Bournemouth Station at 3 p.m. The subjects with which he will deal are: October 31st, Ancient Popular Ballads; November 7th, Modern Ballad Poetry.

## Adventures on Dartmoor.

On Thursday, October 30th, at 10 p.m., Mr. A. J. Alan, the raconteur who made such an immediate success with his "Adventure in a Flat in Jernyn Street," and later with his quaint information concerning the "B. B. I.," will tell of his adventures on Dartmoor, the details of which we can do no better than leave to his own inimitable gift as a storyteller. This will be S.B. to all stations.

## A Blessing to the Sick.

At a meeting of the Clergy Committee at Bournemouth to consider points of broadcasting, a suggestion was made and carried that on the first Wednesday in each month a short religious address should be broadcast from 3.0 to 3.20, for the benefit of the sick. The address would be preceded and followed by hymns and anthems—the whole service to last twenty minutes. This is being adopted by Bournemouth Station and will be put into operation on November 5th, at 3 p.m., and if successful may possibly be extended to once a fortnight. From letters received, we deem this will prove a blessing to the sick, for whom this address will be specially written and delivered.

## Items from Liverpool.

On Tuesday evening, November 4th, the Liverpool Station will relay from the Philharmonic Hall the first part of the Philharmonic Society's Second Concert. The conductor on this occasion will be Felix Weingartner, who will be making his first appearance at these concerts. The items to be broadcast are: Overture "Coriolanus," Beethoven; "Les Préludes," Liszt; "Symphony No. 2 in D," Brahms.

Later in the evening, the Temple Male Voice Quartet, who sang some time ago from the Liverpool Station with success, will give a selection of part songs, old and new, and to conclude the evening with a subject of universal appeal, Mr. Mory M. Blake, the famous professional dancer and the originator of the Blues, is going to talk on the subject of "The Modern Dance 1924."

## Prehistoric Man.

At 4.45 on Thursday, November 6th, and alternate Thursdays, Mr. Edward J. Burrow, F.R.G.S. (author of "Ancient Earthworks and Camps of Somerset"), will present at the London Station word pictures of prehistoric man, as follows: (1) Cheli-Ab Faces the World—10,000 B.C., (2) Monster and the Cave Bear—6,000 B.C., (3) Iber Buries His Dead—2,500 B.C., (4) The Building of Stonehenge—2,000 B.C., (5) The Passing of the Somerset Lake Dwellers—1,000 B.C., (6) The Battle on the Hill—500 B.C.

The following day another interesting feature of the London programme will be the interviewing of Mr. Davy Burnaby, of Co-Optimist fame, at 4 o'clock.

## Mr. John Foulds.

Mr. John Foulds, the composer, informs us that the statement in our issue dated October 3rd—that he would conduct one of his own works on October 14th, to be broadcast from Manchester Station—was incorrect. We regret the error, due to our reliance upon a correspondent who has previously always been trustworthy.



Drawn by Bert Thomas.

Intense Lady: "My dear, I'm so delighted to know that Beethoven is a mutual friend of ours!"

# Fez, the Heart of Morocco.

A Talk from London, by Lieut.-Col. Gordon Casserly, F.R.G.S.

DEEP in the heart of this strange land lies the old Northern capital, Fez, to-day much as it was five hundred years ago. Morocco, a country nearly the size of France, forms the north-west corner of Africa, almost touching Spain at the Straits of Gibraltar, only thirteen miles broad, the coast of each visible from the other.

Twelve years ago it was a barbaric land where tyranny, slavery, brigandage, rebellion, and civil war unceasingly held sway; until in 1911 the Sultan, besieged in Fez by his own subjects, called in the French to save him. Their troops marched up from Casablanca, on the Atlantic coast, and in 1912 Morocco became a Protectorate of France. The French have given it peace, justice, and order, built harbours, fine roads with splendid motor services everywhere, a narrow-gauge railway cross it and down to the south, new, small European towns outside the old cities—but they left the latter untouched. So Fez remains the most Oriental city I have seen from Tangiers to Tokio.

### Motoring Under Difficulties.

When I first went to it, I motored 250 miles there from Algeria over a roadless tract between the mountains. It was November—and winter in the interior of Morocco is worse than in England. In drenching rain and icy wind from the snow-clad hills around, sticking in mud and digging the car out with our hands, once skidding to the edge of a precipice 1,000 feet high, we went, three women and three men, with a Negro chauffeur.

The car behind us overturned on the awful track; a woman in it was killed, her husband grievously injured, their baby and the Negro driver escaping unhurt. Other cars stuck and could not come on. We finally broke down in the dark, twenty miles from Fez, in a district then overrun with brigands; but a lorry towed us in at midnight. Now there is a regular daily service of motor coaches on a good road.

### Two Cities in One.

When next I travelled to Fez it was summer, and wild flowers were waist high.

In a sloping valley among the mountains it lies, 1,100 feet high, two cities in one, encircled by walls enclosing a population of 110,000, with very few Europeans in the number; for they mostly live—about 1,500 of them—in a new town a mile or two away. Lowest in the valley lies Fez-el-Bali, built in A.D. 800, the bigger city, a place of steep, narrow lanes between blank-walled houses as high as a London five-storied building, windowless to the street. Yet the interiors are light, for they are built round inner courtyards and gardens; and in the luxurious residences of nobles and rich merchants the women of the harems fling off their veils and shrouding cloaks and, lavishly decked with jewellery, shine in bright silk dresses, invisible to the outer world.

### A Land of Beggars.

But in the dirty lanes outside beggars whine all day, squatting in the mud. See those three blind men sitting side by side. Suddenly they thrust out all together their right hands holding begging-bowls, and cry in chorus:—

"In Allah's name, alms! You who are rich, pity the poor! You who have sight, be merciful to the blind! In the Prophet's name, alms!"

The three voices cease, the bowls are lowered, their chins drop on their chests, and the sightless eyes are turned to the ground. Farther on sit two old blind women, who clamour at the sound of every footfall. Near them a palsied man crouches. Then a toothless crane too

weak to stretch out her hand. Everywhere these miserable wretches!

On a tall mule a rich Moor, in white woollen garments under a black cloth burnous, the hood drawn over his head, rides unheeding past them, perched on a ponderous saddle covered in red cloth, his bare feet in yellow heel-less slippers thrust into silver stirrups. But a poorly-clad, veiled woman, shrinking against the wall as he shouts, roughly, "Balek!" (Make way!) returns to drop a small coin in the old crane's bowl.

### The Shopping Quarter.

A hand-bell rings; up the steep lane hobbles the ringer, a ragged man, with a wet, hairy thing like the bloated carcase of a drowned dog under his arm. It is only a goatskin bag full of water. A passer-by stops him. Through a metal spout fixed where the goat's foot once was he fills a brass cup, the buyer drinks and pays his money, and the water-seller limps on.

Now the lane narrows into a dirty alley nine feet wide, between low, single-storied booths, and across it mats of dried reeds are stretched to keep out the hot sun in summer. Here begins the shopping quarter—the souks. As always in the Orient, the sellers of the same articles group together. Thus the Souk el Attarine is the Perfume Sellers' Street; all the booths are filled with tiny glass scent-bottles and long painted and gilded candles adorned with coloured paper to be lit at the tombs of saints. The Souk el Khyatine, Tailors' Street, shows nothing but men sewing busily at dull male garments or the gaudy dresses of women.

### Strange Throngs.

A Moorish shop is just a square hole four or five feet from the ground, eight feet deep, broad and high. There is no counter, for the bottom goes back to the rear wall, and on it sits the barefooted seller with his wares about him or on the shelves around.

Such strange throngs hurry through these narrow souks. Ragged porters and tiny donkeys, equally laden with heavy burdens, smooth-faced students from the medersas (theological colleges) in black and white flowing garments, pig-tailed small girls and shaven-headed boys, veiled women in voluminous, starched white cotton cloaks hiding the gay garments underneath, bare feet in heel-less, gold-embroidered velvet slippers. Grinning Negroes and grave, fair-skinned Moors—for the man of Fez is generally whiter than many Europeans. Hook-nosed Jews in black caps and gabardines, greasy curls by their ears. And always the warning cry of "Balek! Balek!" as mule-riders or laden men and animals push through the crowds.

### A Neglected Palace.

Higher up the valley is Fez-Djedid ("New Fez"), built in 1276. It holds the Sultan's palace (which he rarely visits, for he lives in Rabat), its high walls enclosing a college, a library, gardens, a pond, and a menagerie. Here is the Jewish quarter, filled with black-gabardined, ringleted men and unveiled women in white muslin panelled dresses and heads swathed in silk kerchiefs. The Jews are all workers—traders, shoemakers, jewellers, money-lenders.

By one gate of Fez-Djedid is an open space with a French bank and two cafés; and from it start regular motor services linking the city with the outer world. For few use the little railway a mile away. But now is being built a broad-gauge one to Tangiers; and in five years you may travel from Calais to Fez in a sleeper, with only the break of the three-and-a-half hours' crossing of the Straits of Gibraltar.

# Insects Calling!

By Robert Magill.

WIRELESS becomes more wonderful every day and a scientist has just invented a microphone which is so sensitive that by its aid you can listen to the conversation of the insects.

Now, it's all very well for you to say that this is only these scientists again, hang them! This is a matter that affects all of us, for the ability to pick up these entomological messages will soon be only a matter of wave-length. Thus you will be fiddling round as usual with your controls, trying to make the signals stronger, and you will switch on to the back garden.

### The Wasp's S.O.S.

You will not be able to understand what it is all about, of course, because the *Hymenoptera* and the *Coleoptera* are not trained elocutionists; but you can guess how it would all be translated. Thus "IWP calling" would indicate that a wasp had got his feet entangled in the bottom of a jam-pot, and was sending out an S.O.S. for assistance.

In addition to this, you will be able to hear the bee scouts sending pessimistic messages about the clover crop, and the sergeant-major drilling the Bombardier Beetles.

It has been known to entomologists for a long time that ants use a species of wireless telegraphy to communicate with each other, and the antennae on their heads are nothing more or less than aerials. As it is, the Postmaster-General and the British Broadcasting Company often tear their respective hair because they cannot go and collect a licence fee from every ant in England.

### An Exclusive Interview.

But supposing you tap in to the ants, you will learn details concerning their domestic and political relations that we can at present only guess at. Does the ant work so hard because he likes it? He often carries an equivalent of three tons on his back. Or does he do it because the foreman ant has a bigger pair of nippers?

But the plum of all will be if we happen to hear some young reporter from *The Insect World* getting an exclusive interview with Mrs. Spider, who has just been starred on the films in a Nature film. She will be giving him her views on the Modern Girl.

"Don't talk to me," she will say. "I can't bear 'em, the hussies! In my young days we never ran after the males. They used to have to come and show off in front of us, as you can read in any book of Natural History, and no nice-minded spider would have noticed the wretches until she had been properly introduced. I ought to know. I never had a matrimonial disagreement in my life, and I've eaten four husbands.

### "Jammed" by a Grasshopper.

"I remember my first—a charming fellow. He wore eight spats. He had exquisite taste, although he was, perhaps, a little too highly-seasoned for an unsophisticated maiden like me. Then there was my fourth—what there was of him. He lost three legs in a motor accident. He happened to step on the accelerator of a Ford at the same time as the driver.

"My future plans? I'm going to let my web furnished for the winter, if I can get a premium of a couple of flies, and I'm going back on the films."

At that, a grasshopper will chirp, and cause oscillation enough to jam the whole business.

But it will have its uses. You'll be able to hear a mamma fly telling her family—and she has about seven million children in the course of a year—the correct way to slide off a bald head, and you'll hear the aphid flies quarrelling like women at a sale to get at your sweet peas.

## Light for Listeners.

### Mr. Reith's Survey of Broadcasting.

IN spite of its popularity very little seems to be known about the methods of broadcasting by "the man in the street." In the current issue of that famous and historical magazine the *Quarterly Review* there is an illuminating article on the subject by Mr. J. C. W. Reith. In the space of a few pages he surveys the whole field—from the technicalities to the composition of the B.B.C. staff, and sheds light on many problems that puzzle the average listener.

"It was a Government decision (he writes) that the service should be under central control here, in the hands of one organization, and the companies interested in the manufacture of wireless apparatus, many of whom had applied for permission to broadcast, were invited to meet together and submit a draft constitution to the Postmaster-General of the day. . . . The B.B.C. is a public service in every sense of the word. Its revenue comes from a proportion of the licence fee, and according to an Act of Parliament it is illegal to be in possession of wireless apparatus without a licence from the Postmaster-General."

#### In the Listeners' Hands.

Dealing with the important question of poor reception, Mr. Reith gives some valuable information.

"There are various factors which militate against satisfactory reception, but most of them are capable of control in greater or less degree. . . . Interference is caused by obsolete transmitting apparatus or faulty tuning. The use of apparatus inferior as to standard and insufficient as to power, constitutes a defect of a different order, and one which it is entirely within the listeners' hands to overcome."

Concerning the broadcaster's influence on public taste, Mr. Reith refers to the great opportunity

" . . . of inculcating an appreciation of much which formerly would have been denounced as beyond their taste or comprehension. Many fallacious arguments are advanced on this very question, and the B.B.C. has been accused of giving not what the public want but what they think it needs. It is easy to underestimate intelligence, and to cater down creates a fictitious demand for lower standards which must then be met. That which is good need not be unpopular, nor should it be assumed that that which is popular is bad. To preserve the balance between contending factions, to discover the union of intrinsic merit and the elements of common appeal, to endeavour to keep above but not too far above, to advance without losing any of his followers, to lead and not attempt to drive, such aims as these must be before the programme builder. Imagination in high and vigorous degree is requisite, for that which was wonderful to-day is mediocre to-morrow, and stale the day after. . . ."

"If we say that we aspire to giving satisfaction to three-quarters of the audience three-quarters of the time, it is creating a task of no small magnitude, and this must in no way be inconsistent with the standard of general policy."

Mr. Reith paints a vivid pen picture of future possibilities.

"One might venture to say that nothing is too fantastic for realization sooner or later. Voices from the ends of the earth will cease to be a marvel; wireless disregards the barriers of Nature and man's device; it is super-natural, and when upon it is superimposed the burden of music, when it is the carrier for the interchange of achievements in all the arts and sciences, it may well become the vehicle of an understanding that will embrace all men and nations."

## The Fairy Gift of Radio.

### A Mighty Power for Good. By Dr. Mary Scharlieb, M.D., M.S.

KNOWLEDGE comes to the human race by means of the senses, and chiefly through the senses of sight and hearing. Anything which develops or extends these senses must be reckoned as an additional asset in education. Thus we acknowledge our indebtedness to the microscope, which reveals to us the world of things otherwise invisible owing to their extreme smallness, and the telescope, which shows us things we cannot see by reason of their distance. In the same manner, the gramophone, the microphone, and their congeners extend our sense of hearing and confer on scientists, ordinary men, and deaf people inestimable benefits; but the new science of broadcasting has certain special applications that appeal to our Imperial, our scientific, and our educational cravings.

When Queen Victoria celebrated her Diamond Jubilee she pressed a button and the telegraphic announcement of it was flashed to every part of her Empire. But when King George opened the Empire Exhibition his very voice was heard over a wider area.

It is not possible to realize the additional power and influence that are conferred on rulers and statesmen by this fairy gift of ability to make their pronouncements audible to the assembled world; nor is it possible to realize the effect that this new agent may have on the councils both of war and peace.

#### Value of the Living Voice.

In the education of children and young people an attempt has always been made to appeal to their intellectual faculties through their senses. The printed word, the illustration, the experiment, and the diagram addressed themselves to the eyes; while the lecture, the personal coaching, and recitation enlisted the sense of hearing in the solution of the problem. Much was gained when history, geography, and many other subjects were taught by moving pictures

and by the epidiascope; but more still is gained and expense is lessened when the living voice of the teacher can be heard in many and widely-distant schools and lecture halls.

#### Helping on the World's Work.

When schooldays are ended, radio will be found a potent help to young people in colleges, in medical, and in technical schools of all kinds. One professor could instruct thousands of students, answer questions, and make explanations when necessary.

Education is never complete, and adults as well as children and adolescents are constantly in need of information. The wireless installation in office, study, and consulting-room would lighten and improve the work of merchant, scientist, author, statesman, and physician; but the advantages offered by radio are not limited to its power of ministering to the work of the world: it may be also a powerful agent in the production of pleasure and in promoting culture and literary enjoyment.

#### Pleasure and Duty.

It is in the consideration of this part of radio's wide domain that care and conscience must be its guides and supporters. There is no pleasure without its corresponding duty; there is no asset that does not invoke a debit, and the very facility of radio, the very fact of its power to minister to the people's pleasure, demand the most scrupulous honour in dealing with it. Those who regulate the production of programmes for broadcasting and the public whose demand controls the supply, are jointly responsible that what is broadcast shall be of such a character as to promote public well-being.

To illustrate the meaning of this caution, let us take the case of music. Music may be grave or gay—selections from oratorios and operas, or from popular songs and dance music.

The taste of the public varies, and all must be catered for, but it is essential that all the music shall be good of its kind, that it shall be such as to improve the taste and to raise the tone of those who hear it.

#### A Quiet and Constant Friend.

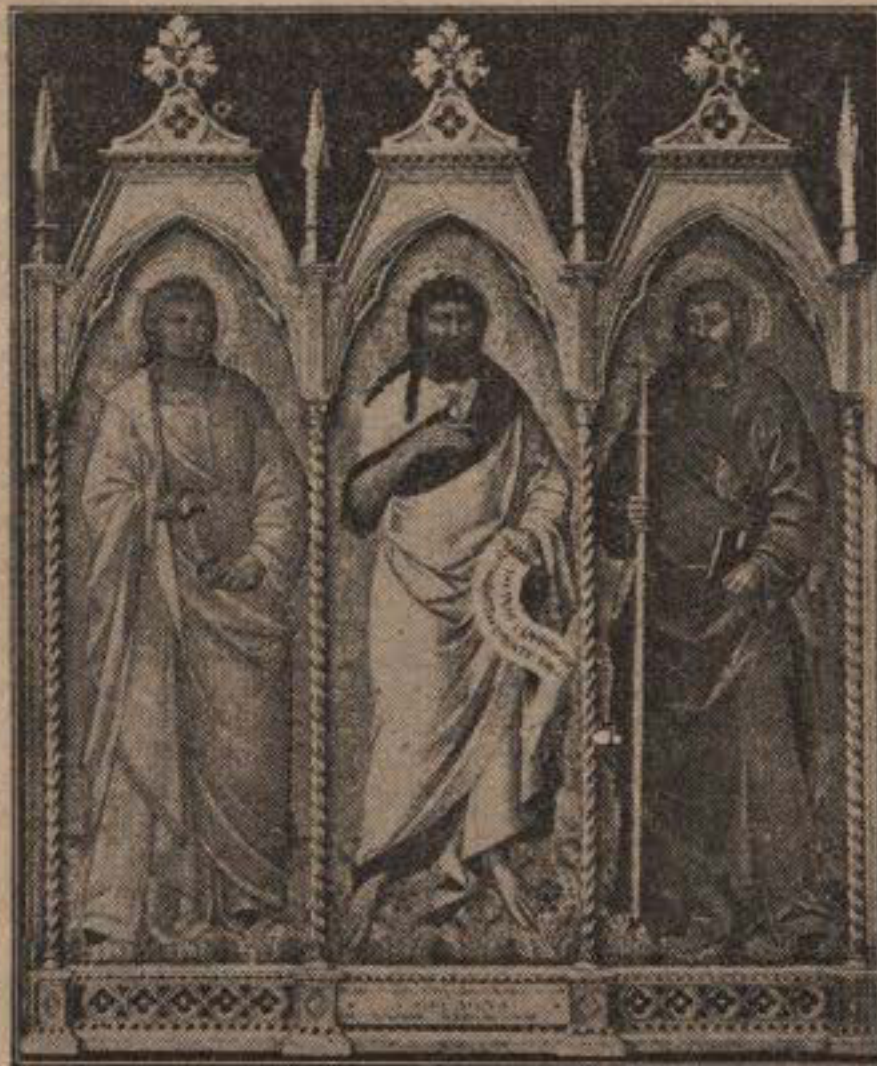
So, too, with songs, recitations, and speeches. They will, and must, vary, and many different classes have to be pleased; but each article must be good of its kind.

Among the classes who may be greatly helped by radio are those who are more or less isolated and are unable to avail themselves of the ordinary means of instruction, pleasure, and amusement.

People whose work is of a monotonous and mechanical nature will also benefit largely, and already cases are known of sempstresses, the tedium of whose work is pleasantly beguiled thanks to their quiet and constant friend, through whose good offices they and their apprentices can enjoy a share in the news of the day, the charm of music, and even be present in lecture-hall, banquet, and church.

It is claimed for Colonel E. H. R. Green that he has so nearly perfected an invention for seeing by wireless that it will be possible for him to broadcast cinema plays within the next twelve months.

Colonel Green is the son of the late Mrs. Hetty Green, the well-known woman financier.



(Reproduced by permission of the National Gallery, London.)

#### THREE SAINTS (By Orcagna).

This picture will be among those to be discussed by Mr. Stewart Dick in his talk from London on Monday, October 27th, on "London's Pictures."

# Pieces in the Programmes.

A Weekly Feature Conducted by Percy A. Scholes.

## BEETHOVEN'S FOURTH SYMPHONY.

(BELFAST, WEDNESDAY.)

THIS is one of the happiest and one of the most exhilarating of Beethoven's nine Symphonies. It was written in 1806, the year in which he became engaged to the Countess Theresa of Brunswick (an engagement which, however, as it turned out, came to nothing). The usual symphonic orchestra is used, except that there is only one FLUTE, instead of two. The Brass consists of two HORNS and two TRUMPETS. There are four Movements, as follows:—

### I.

*Slow.*—This is preceded by an INTRODUCTION. After a quiet chord on Woodwind and Horns (Strings moving slowly in unison), the Violins give out a phrase of soft, slow, detached notes. The whole Introduction is made out of this. All is quiet for some time; then, with a sudden climax and a drum-roll we plunge into the First Movement proper—

*Quick, Lively.*—There are seven loud chords; then the FIRST MAIN TUNE is given out. FIRST VIOLINS, accompanied by the other Strings, hop down the notes of a chord. This is answered by a smoother phrase in Woodwind, then the loud chords come again and the whole Orchestra takes up the Tune.

Quickly there comes a lull, but equally quickly the whole Orchestra takes up the First Tune once again, this time ending with violent, insistent chords, "off the beat."

Strings are then suddenly left to themselves, and die down to a soft chord. This they hold while the SECOND MAIN TUNE is heard—a rustic little phrase in Bassoon, then Oboe, then FLUTE, which prolongs the Tune. This leads into other Tunes—first a boisterous one, then a quiet conversational one in Woodwind. There is still more material, but this is the most important, and rules a delightful piece in which some attractive novelty is for ever cropping up.

### II.

*Slow.*—This is in strict "Sonata" form. It opens with a sustained, song-like FIRST MAIN TUNE in STRINGS.

This is repeated by Woodwind. After something of a climax in the Full Orchestra, the CLARINET gives out the SECOND MAIN TUNE, another song-like melody. There is a soft string accompaniment.

After this, there is a very brief Development Section, followed by a regular Recapitulation of the two Main Tunes.

### III.

*Quick, Lively.*—This is a very gay Minuet and Trio. The MINUET, in which most of the Orchestra is used throughout, is in the usual form of such pieces:—(a) a fairly long Tune given out and then repeated, (b) a development and repetition of the Tune, (c) repetition of (b).

The TRIO is in the same form. Woodwind and Horns have most of the work.

After the Trio, the Minuet is repeated; then, on this occasion, Beethoven repeats his Trio, finishing with the Minuet once again. So the order is, Minuet-Trio-Minuet-Trio-Minuet.

### IV.

*Quick, but not too quick.*—The Finale of this Symphony is one of the most vivacious movements ever written by Beethoven. Yet in spite of its spontaneity, it is very clear in form.

The FIRST MAIN TUNE (which starts without preamble) is soft, very rapid and bustling. It is given out by STRINGS.

It has barely begun when the rest of the Orchestra rudely interrupts with three loud chords. But it continues on its way, and culminates in a smooth phrase in FIRST VIOLINS, which is echoed by FLUTE, CLARINET and BASSOON in octaves.

This brings a sudden climax in FULL ORCHESTRA.

When this quickly dies out, OBOE starts the SECOND MAIN TUNE with a quiet, expressive phrase. It is accompanied by sustained Strings and harp-like Clarinet work. Flute (very high) has the second half of the Tune, which is then repeated by STRINGS, with the first half in the bass and the second half in the treble.

For a little while the music continues in much the same style; but gradually the spirit of the First Main Tune returns, and a lengthy Development begins, in which many new little tunes appear, always built on the foundation of the First Main Tune.

After a big, sustained climax in the whole Orchestra, the Recapitulation starts. It has a humorous beginning; BASSOON leads off the bustling First Main Tune, playing it softly and "sweetly" (*dolce*) with a mere accompaniment of a few *pizzicato* notes on Strings.

Then the whole Orchestra crashes in and the rest is repetition, with slight alterations.

The Movement ends with a headlong Coda (or "tail-piece"), interrupted, just before the end, by a hesitating attempt to start the Movement all over again.

## STANFORD'S "THE REVENGE."

(MANCHESTER, TUESDAY.)

A detailed description of this work for Chorus and Orchestra will be found in last week's *Radio Times*.

## LONDON'S CHAMBER MUSIC PROGRAMME.

LONDON STATION, on October 29th, will broadcast a very interesting programme. Chamber music will be given by the Virtuoso String Quartet, led by Miss Marjorie Hayward, who is well known as a solo violinist in chamber music circles. The works to be given are the Quartet in B Flat ("The Hunting Quartet") and the whole of the G Major Quartet, by Dvorak, which is less often heard than the familiar "Nigger" Quartet.

An interlude of Humour will be given at 8.5 p.m. by Miss Phyllis Scott and Miss Moyra O'Keefe in comedy duets, and Mr. Nelson Jackson, the well-known London entertainer, who recently deputised on the B.B.C. tour for Mr. Charles Penrose, who was unfortunately ill with laryngitis.

## A New Broadcast Play.

At about 8.50 p.m. on the same evening, and also from London, the first performance of a short comedy, *Light and Shade*, specially and brilliantly written for broadcasting by Dr. L. du Garde Peach ("L. du G." of *Punch*), will be given by Raymond Trafford and Jean Sturrock. It is anticipated that this will be one of the most successful plays ever broadcast, and its effectiveness will be enhanced by the scene having been designedly laid in a darkened room. Listeners will enjoy the transmission better if they listen to it in darkness. It will be remembered how effective the transmission of the tragedy, *A Comedy of Danger*, by Richard Hughes, became when listeners extinguished their lights, in fact almost too realistic for many nervous members of the audience. This play, however, is a sparkling comedy, and will, therefore, probably be even more widely popular on this account.

# Listeners' Letters.

[All letters to the Editor to be acknowledged must bear the name and address of the sender. Anonymous contributions are not considered.]

## Broadcasting and—Telepathy?

DEAR SIR,—Recently I was listening to "Sportsmen All" on a crystal set, with the 'phones on my ears, and when the item, "England v. Australia" came on, the thought flashed into my mind, whether a Mr. M., from whom I received a postcard that day, and who in his younger days was an enthusiastic cricketer, was also listening.

After a very short space of time—certainly not more than two seconds—my little daughter, who was doing her homework, suddenly turned round and said: "Daddy, have you seen the postcard that has come from Mr. M.?"

At that time, the loud speaker was not in use, and my thought was not accompanied by any audible spoken words.

Yours truly,

London, S.W.

J. H.

## Are Critics Necessary?

DEAR SIR,—The criticisms made by critics, professional or otherwise, are not, to my mind, in the interests of art, science, or music.

What does the everyday person think of a page or two of criticism? Nothing. The public are quite capable of knowing what they don't like and what they do.

As soon as the critic is announced on my set I switch off for the period, and I expect that thousands do the same.

We know what we want, without any outside assistance. We know what we enjoy. If I want roast beef for my dinner, I want no one to tell me that it's wrong, and that I should have boiled mutton.

Yours truly,

Blackpool.

LISTENER No. 100.

## Applause in the Studio.

DEAR SIR,—One of the principal advantages of broadcasting, to my mind, is the absence of applause. At present it is the only way to hear the final bars of many of the finest musical compositions. At concerts, and even in grand opera, some of the best portions are usually entirely smothered by premature applause.

If some listeners must have applause, let them supply it themselves, as they would at a concert. This would not spoil broadcasting for others who can appreciate a good performance without additional noise.

Yours truly,

Widnes.

L. F.

## A Boon to Country Listeners.

DEAR SIR,—Undoubtedly the relaying of programmes from Chelmsford has been a blessing to the people of this area. Along with his more lucky brethren of the one, two, or more valves set, the humble cottager with his crystal set has been able to enjoy an excellent broadcast programme.

Some disappointment has resulted of late from the relaying of the provincial programmes. The London programmes have always met with approval, and it is realized by all that probably London has better facilities for securing the services of the most popular vocalists, etc., of the day. Reception is, and must of course be, best when "5XX" is relaying from the London Studio.

It would give great satisfaction to the majority of country listeners if Chelmsford were to relay only from London, and thereby give the crystal set enthusiast of these out-of-the-way districts the opportunity of knowing a few days ahead what programme he might expect.

Yours truly,

King's Lynn.

K. C. W.

## How We Got Mah Jongg.

A Talk from Edinburgh, by R. B. Newington.

MANY theories have been advanced on the origin of Mah Jongg, the fascinating game from China, but that which I obtained from a Chinese friend whilst in Shanghai seems to be authentic.

About 3,000 years ago, a fisherman named Sze lived on the shores of a lake near Ningpo, the capital of Chekiang Province, to the south of Shanghai, and one day he was struck with a great brain-wave. He discovered that he could catch more fish from a boat than by standing on the shore.

At first fish were caught in abundance, but as soon as stormy weather approached Sze's rustic fishermen, being land-lubbers, became sick.

### A Cure For Sea-Sickness.

Sze, being somewhat of a philosopher, decided that sea-sickness could be prevented by giving the sufferer from the complaint something to take his mind off the thoughts conducive to this unpleasant sickness.

Accordingly, Sze and his family put their brains together, and after long and serious consideration they devised a game which they called Mah Dian, and which consisted of 108 pieces of cardboard, and each of the four players held 13 cards, as is the case to-day; and so engrossed were the fishermen in this game that they forgot to be sea-sick, and the business of Sze and Co. increased and flourished exceedingly.

From this point the game caught on, and was taken up by a person in very high circles, namely, General Chen-Yu-Mun, an officer of the Chinese Imperial Army stationed at Ningpo.

### Keeping Soldiers Awake.

Now, Chen had his troubles, as did Sze, the fisherman, for his soldiers would not stay awake at nights and were always found to be soundly sleeping when they should have been on the look-out for bandits, who found it quite easy to commit their nefarious deeds without interruption. Chen, hearing of the wonderful game which was so fascinating that fishermen forgot to be sick in stormy weather, obtained several sets and soon Mah Dian became part of the army curriculum, and not a sentry was ever found asleep at his post.

However, in the course of time, the soldiers' keenness waned, and cases of sleepiness occurred, and the bandits once more were able to pursue their evil ways. So the General decided that drastic steps must be taken and proceeded to brighten up the game by introducing some new features in the play. He therefore invented some new cards, chung, fah, pah, which we call red, green, and white dragons, and the four winds, which thus brought the total number of pieces up to 136, and never again was he troubled by his soldiers.

### The Fever Spreads.

Up to this time gambling was not indulged in, but later on, the legend runs, a certain Shanghai business man, Chang-shiu-mo, on a visit to his relations in Ningpo, learnt to play, returned to Shanghai with several sets which he distributed, and within a few months was back again in Ningpo, with a party of his city friends.

Chang-shiu-mo, being in touch with the business men of the cities of Shanghai, Tientsin, Peking, etc., found he was able to obtain the interest of the upper classes of Chinese, and soon Government officials and even mandarins were overcome with the fever and for their benefit Chang introduced the remaining eight cards—wei, plum blossom, lan, orchid, ruh, chrysanthemum, and chu, bamboo, known as the flowers and the four seasons, bringing the total to 144, the number used at the present day.

## PEOPLE IN THE PROGRAMMES.

### A Singer from Wales.

MISS GWLADYS NAIISH, who is to sing at London on October 28th, is a native of Wales. She was born and educated at Cardiff, her studies including a course of music at the University College of Wales, where she was one of the first graduates in music. She took her L.R.A.M. at an early age and later studied privately.

Immediately after her first London recital Miss Naish was engaged for the Queen's Hall Promenade Concerts, and she has since appeared at the principal cities and towns throughout the country.

### Soldier and Journalist.

THE short talks given from Aberdeen by Lieut.-Colonel E. W. Watt have proved very popular with listeners. Lieut.-Colonel Watt is Joint Manager of Aberdeen Newspapers, Ltd., and has been engaged in journalism both on the editorial and the business sides.

During the war, he commanded the 4th Reserve Battalion of the Gordon Highlanders and also served on the Western Front. In 1920 he was a delegate to the second Imperial Press Conference in Canada.



(1) Miss Gwladys Naish; (2) Lt.-Col. E. W. Watt; (3) Miss Marion McCarthy; (4) Mr. Willie Rouse; (5) Mr. Richard Treseder.

### For Public Speakers.

LISTENERS who are interested in elocution and public speaking should make a point of hearing a talk on these subjects (the first of a series) which is to be given from London on Friday, November 7th, at 4.30 p.m., by Miss Marion McCarthy.

Miss McCarthy, who is an authority on stage training, is a sister of the well-known actress, Miss Lillah McCarthy.

### "Wireless Willie."

AMONG the most popular wireless humorists is Mr. Willie Rouse, who is known to listeners as "Wireless Willie."

Originally a pianist and organist, Mr. Rouse

studied music at the London Organ School and was a professional organist when he was only thirteen. He was appointed Deputy Grand Organist of England in Freemasonry and Grand Organist in the Royal Arch and Provincial Grand Organist for Middlesex, and for fifteen years he has been musical director of the Masonic Festivals.

For some years Mr. Rouse appeared on the music halls as an entertainer. Besides frequently broadcasting, he is now programme adviser to the B.B.C. (Humorous Section).

### How He Knew.

A FEATURE of the Cardiff programmes are the chats on gardening given by Mr. Richard Treseder, who is a member of the Welsh Committee of Forestry Commissioners and has an experience in horticulture extending over thirty-five years.

When on a holiday last year in Cornwall, Mr. Treseder entered a hotel where there was a crowd of visitors all of whom were total strangers to him. The ordinary kind of conversation ensued, when one of the strangers said: "Isn't your name Treseder?"

"Yes," was the reply, "Richard Treseder; but I don't remember ever having seen you before."

"Very likely not," answered the stranger, "but I recognize you by hearing your voice over the wireless."

### Surprised the Engineers.

TWO popular wireless entertainers are Mr. Robert Pitt and Mr. Langton Marks, who are to broadcast from London, Cardiff, and Birmingham this week. They are often known as "Mutt and Jeff," because one stands well over six feet, while the other is at the other end of the scale.

The taller of the two has a breath comparable in magnitude to his stature, and he occasionally employs it in holding a long steady note which astonishes his audience both visible and invisible. When he first broadcast and played this trick on the engineers, they careered round and round the transmission room convinced that something unforeseen and terrible had happened in the interior of the apparatus!

### "Domestic Service Problems."

PRINCESS KARAJMA, who is to broadcast from London on November 1st, on Domestic Service Problems, is the daughter of a Swedish Senator. At the age of nineteen she married a Greek diplomatist, and occupied the difficult position of *duchess* of the Diplomatic Corps at The Hague.

At the age of twenty-two she published in Paris a volume of French epigrams, which has long been out of print. Later on, she wrote several dramatic works, which were produced in various towns in Scandinavia.

In 1915 she founded the White Cross Union, an international philanthropic movement, which has for its object the alleviation of suffering and endeavours to make people realize that sorrow is the result of wrong mental conditions, which can be remedied.

### A Popular Orchestral Leader.

THE leader of the Belfast Station orchestra, Mr. E. A. A. Stoncey, will, on Wednesday, November 5th, play the solo violin part in the *Symphonic Kvepyote*, by Lalo, and on Friday, November 7th, a night of Scottish Music, he will, by special request, play a Fantasia on Scottish airs arranged by himself.

Mr. Stoncey comes of a well-known Manchester musical family, and made his first public appearance at the age of five. He studied at the Paris Conservatoire, and was one of the best-known soloists of Scotland.

# WIRELESS PROGRAMME—SUNDAY (Oct. 26th.)

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

## LONDON.

- 3.0.—Time Signal from Big Ben.  
**THE J. H. SQUIRE CELESTE OCTET :**  
 Under the Leadership of  
**MAYER GORDON.**  
 At the Piano, **FRANK READE.**  
**SAIR HOSLI** (Contralto).  
**TOM KINNIBURGH** (Baritone).  
**FREDERICK THURSTON** (Solo Clarinet).  
*S.B. to Newcastle.*  
 The Octet.  
 Overture, "Il Guarany" ..... Gomez  
 Violin Solos.  
 Romance and Finale for 2nd Concerto  
*Wieniawski*  
 (Soloist, **MAYER GORDON.**)  
 Contralto Songs.  
 "Agnus Dei" ..... *Bizet*  
 "The Blind Ploughman" *Coningsby Clarke*  
 Clarinet Solos.  
 Lorito ..... *Gomez*  
 Romanze ..... *Fleissner*  
 The Octet.  
 Arabesque ..... *Debussy*  
 Romance ..... *Debussy*  
 "Ouvre tes yeux bleus" ..... *Masnet*  
 Baritone Songs.  
 "The Arrow and the Song" ..... *Balte*  
 "Hatfield Bells" ..... *Easthope Martin* (5)  
 Cello Solos.  
 Lullaby ..... *Cyril Scott* (4)  
 Scherzo ..... *Dittersdorf-Kreisler*  
 (Soloist, **ANTHONY PINI.**)  
 The Octet.  
 Waltzes New and Old (By Request).  
 To-day, "A Garden in Brittany" (1924)  
*Galliland* (23)  
 Yesterday, "Nina" (1884) *Waldteufel-Scar*  
 Contralto Songs.  
 "Break, Break, Break"  
*Easthope Martin* (5)  
 "Homing" ..... *Del Riego*  
 Clarinet Solos.  
 Three Intermezzi ..... *Stanford* (11)  
 The Octet.  
 Two Pieces by Grieg, from Lyric Suite.  
 Nocturne.  
 March of the Dwarfs.  
 Baritone Songs.  
 "Myself When Young" ("In a Persian  
 Garden") ..... *Liza Lehmann*  
 "The March of the Cameron Men"  
*Campbell*  
 The Octet.  
 Two Numbers for Strings Only.  
 Minuet ..... *Bolton-Scar*  
 Adagio and Corrente ..... *Eccles-Scar*  
 Selection of Sir London Ronald's Songs.  
 Announcer: J. S. Dodgson.  
 5.0-5.30.—**CHILDREN'S CORNER.** *S.B. from*  
*Cardiff.*  
 8.30.—Anthem, "Peace Lives Again"  
*J. F. Bridge*  
 Hymn, "Praise the Lord, Ye Heavens  
 Adore Him" (A. and M. 292).  
 The Rev. S. G. HOOPER, M. A., Domestic  
 Chaplain to the Bishop of Southwark.  
 Religious Address.  
 Hymn, "All Things Bright and Beautiful"  
 (A. and M. 573).  
 9.0. **Popular Orchestral Concert.**  
**CECILIA FARRAR** (Soprano).  
**ROBERT NAYLOR** (Tenor).  
**NELLIE NORWAY** (Silver Bell Solos).  
**THE WIRELESS ORCHESTRA :**  
 Conducted by **DAN GODFREY, Junr.**  
 Overture, "The Magic Flute" ... *Mozart*  
 Soprano Aria  
 The Jewel Song ("Faust") ..... *Gounod*  
 The Orchestra.  
 Irish Pictures ..... *Ansell*  
 Suite for Strings ..... *Peter Warlock*  
 Bell Solos.  
 "I Love the Moon" ..... *Rubens*  
 Melody in F ..... *Rubinstein*  
 (By Special Request.)  
 Soprano and Tenor Duets.  
 "Lovely Maid in the Moonlight"  
 ("Bohème") ..... *Puccini*

- "Come to Arcadie" ("Merrie England")  
*Edward German*  
 The Orchestra.  
 Ballet Music, "The Queen of Sheba"  
*Gounod*  
 10.0.—**TIME SIGNAL FROM GREENWICH.**  
**WEATHER FORECAST and GEN-**  
**ERAL NEWS BULLETIN.** *S.B. to all*  
*Stations.*  
 Local News.  
 10.15. Tenor Aria.  
 "E Lucevan le Stelle" ("La Tosca")  
*Puccini*  
 The Orchestra.  
 Berceuse ..... *Jarncfeldt*  
 Bell Solos.  
 "I Hear You Calling Me" ... *Marshall* (1)  
 "Love's Old Sweet Song" ..... *Molloy* (1)  
 The Orchestra.  
 Selection, "I Pagliacci" ..... *Leoncavallo*  
 10.45.—Close down.  
 Announcer: C. A. Lewis.

## BIRMINGHAM.

- 3.0-5.0. The Leads of the  
**STATION REPERTORY COMPANY,**  
**EMILY BROUGHTON** (Soprano),  
**ALICE VAUGHAN** (Contralto),  
**GEOFFREY DAMS** (Tenor),  
**JAMES HOWELL** (Baritone).  
 Under the Direction of **JOSEPH LEWIS.**  
**ALICE COUCHMAN** (Solo Pianoforte).  
**S. FOWLER-WRIGHT** (Poems).  
 Piano Solos.  
 Kreisleriana, No. 5 ..... *Schumann*  
 Scherzo a Capriccio ..... *Mendelssohn*  
 Song Cycle.  
 "In a Persian Garden" ..... *Lehmann*  
 (Arranged for Four Voices.)  
 Piano Solos.  
 Liebesträume, No. 2 ..... *Liszt*  
 Gnomenspiele ..... *Liszt*  
 Poems.  
 Excerpts from Dante's "Inferno."  
 Song Cycle.  
 "The Daisy Chain" ..... *Lehmann*  
 Piano Solos.  
 Nocturne ..... *Debussy*  
 Danse in E ..... *Palmgren*  
 En Route ..... *Palmgren*  
 5.0-5.30.—**CHILDREN'S CORNER.** *S.B. from*  
*Cardiff.*  
 Announcer: J. C. S. Paterson.  
 8.0. Service relayed from  
**HOLY TRINITY CHURCH, Coventry.**  
 Conducted by The  
 Rev. Canon R. B. LITTLEWOOD.  
 8.30 **A New Feature in Radio Programmes.**  
**RADIO FANTASY No. 1.**  
**"CROWN O' THE YEAR."**  
 Written by **JOHN OVERTON.**  
 Music Selected and Arranged by  
**JOSEPH LEWIS.**  
 Characters in order of their appearance:  
 Chorus ..... **WILLIAM MACREADY**  
 An Old Farmer ..... **PERCY EDGAR**  
 John o' Dreams ..... **PERCY EDGAR**  
 A Faun ..... **JOSEPH LEWIS**  
 A Waggoner ..... **HAROLD HOWES**  
**THE STATION SYMPHONY**  
**ORCHESTRA.**  
 The Performance produced and conducted  
 by **JOSEPH LEWIS.**  
 The "Radio-Fantasy" is an attempt to  
 find a new Art-form for Broadcasting. It  
 is an entertainment which will comprise  
 Music, Poetry and Drama in such a manner  
 as to form a complete harmony of mood.  
 10.0.—**WEATHER FORECAST and NEWS.**  
*S.B. from London.*  
 Local News.  
 10.15.—Close down.  
 Announcer: Percy Edgar.  
**BOURNEMOUTH.**  
**AMY BATH** (Soprano).  
**TOM BROWN** (Bass-Baritone).  
**ERNEST LUSH** ..... (Double  
**ALLAN FRANKLIN** .....) Pianoforte).

- 3.0. Ernest Lush and Allan Franklin.  
 Variations on an Original Theme  
*Arthur Somervell*  
 3.10. Amy Bath.  
 "At the Mid-Hour of Night" ..... *Cowen*  
 "The Little Red Lark" ..... *Needham* (1)  
 3.15. Tom Brown.  
 "The Last Call" ..... *W. Sanderson* (1)  
 "Thank God for a Garden"  
*Teresa del Riego*  
 "Oh, Oh, Hear the Wild Wind Blow"  
*Tito Mattia*  
 3.25. Ernest Lush and Allan Franklin.  
 Andante and Scherzettino ..... *Chaminade* (5)  
 "Le Matin" .....  
 3.35. Amy Bath.  
 "Cuckoo Song" ..... *Quitter* (1)  
 "Bid Me Discourse" ..... *Bishop*  
 "Nymphes et Sylvaens" ..... *Bemberg*  
 3.45. Allan Franklin.  
 Minuetto .....  
 Tourbillon ..... *Melan-Guerault*  
 3.50. Tom Brown.  
 "The Lute Player" ..... *Allitsen*  
 "The Devout Lover" ... *M. Valerie White*  
 "Absent" ..... *W. Metcalfe* (1)  
 4.0. **THE ROYAL BATH HOTEL**  
**ORCHESTRA.**  
 Relayed from King's Hall Rooms.  
 Musical Director, **DAVID S. LIFF.**  
 5.0-5.30.—**CHILDREN'S CORNER.** *S.B. from*  
*Cardiff.*  
 8.30. Choir of Holdenhurst Road Wesleyan  
 Church:  
 Hymn, "I Lift My Heart to Thee, Saviour  
 Divine" (Hymn No. 431, Methodist  
 Hymn Book).  
 8.35.—The Rev. W. E. WITHERS: Religious  
 Address.  
 8.45.—Choir: Anthem, "Holy Art Thou"  
 (Handel's Largo in G) (*Ambros*).  
 8.50. **ORATORIO :**  
**"The Seasons."**  
*(Haydn).*  
 (Composed in 1806.)  
 Characters represented:  
 Simon, a Farmer  
**ROBERT STURTIVANT** (Bass)  
 Jane, his Daughter  
**KATE WINTER** (Soprano)  
 Lucas, a Young Countryman  
**HERBERT THORPE** (Tenor)  
 Chorus of Country People and Hunters  
**"6BM" CHOIR**  
**THE WIRELESS ORCHESTRA.**  
 Conducted by  
 Captain **W. A. FEATHERSTONE.**  
 10.0.—**WEATHER FORECAST and NEWS.**  
*S.B. from London.*  
 Local News.  
 10.15.—Major **STANLEY HOW:** Readings  
 from Robert Browning.  
 10.40.—Close down.  
 Announcer: John H. Raymond.  
**CARDIFF.**  
 3.0-4.30. **LIONEL FALKMAN'S**  
**ORCHESTRA.**  
 From the Capitol Cinema.  
**ARCHIE GAY** (Tenor).  
 Orchestra.  
 Overture, "The Carnival of Venice"  
*Thomas*  
 Archie Gay.  
 "Jean" ..... *Marjorie Meade* (1)  
 "I Know a Lovely Garden"  
*Guy d'Hardelot*  
 Orchestra.  
 Aubade Printanière ..... *Lacome*  
 Valse Chaloupée ..... *Offenbach*  
 Serenade Rococo ..... *Meyer-Helmond*  
 Archie Gay.  
 "Adelaide" ..... *Beethoven* (11)  
 "Courage" ..... *Heuvel* (5)  
 Orchestra.  
 "Woodland Dances" ..... *Haines* (7)  
 (a) "Danse of the Dryads"; (b) "A  
 Woodland Serenade"; (c) "Fauns in  
 the Forest."

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 205.



# WIRELESS PROGRAMME—SUNDAY (Oct. 26th.)

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

Archie Gay.  
"The Sands of Dee" ..... *Clay*  
"Dolorosa" ..... *Phillips*  
Orchestra.  
Selection, "Chopiniana" ..... *arr. Finck*  
Announcer: A. H. Goddard.

5.0-5.30.—CHILDREN'S CORNER *S.B. to all Stations.*

8.30. Mr. Jenkyn Morris' Choir.  
Hymn, "God Save the People" ... *Elliott*  
Anthem, "Send Out Thy Light" ... *Gounod*  
The Rev. HENRY CARTER: Religious Address.  
Hymn, "God is Our Refuge" ... *Belmont*

9.0. NANCE FULLER-MILLS (Mezzo-Soprano).  
THE STATION ORCHESTRA.  
Conductor, WARWICK BRAITHWAITE.  
Orchestra.

Overture, "Libella" ..... *Reissiger (1)*  
Selection, "L'Arlésienne" ..... *Bizet*  
Nance Fuller-Mills.

Recit.: "He was cut off out of the land of the living" ("The Messiah") *Handel*  
Air, "But Thou didst not leave His Soul in Hell" ("The Messiah") ... *Handel*  
Orchestra.

"Cupid's Conspiracy" ..... *Cowen (15)*  
(1) Polka Gracieuse; (2) Danse Serenade; (3) Petite Gavotte; (4) Valse.

Ballet Music, "Javotte" ..... *Saint-Saens*  
Nance Fuller-Mills.

Recit.: "Now the Moment Approaches" ..... *Mozart*  
Air, "Oh, Hasten, Tarry Not" ..... *Orchestra.*

"Under the Palms" ..... *Olsen*  
"La Colombe" ..... *Gounod*  
"Entreaty" ..... *Boyces*  
Nance Fuller-Mills.

Waltz Song ..... *Anita Owen*  
Vesper Hymn ..... *Flora Woodman*

10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
Local News.

10.15. Orchestra.  
Selection, "Aida" ..... *Verdi-Tavan*  
"Pageant March" ..... *Finck*

10.30.—Close down.  
Announcer: E. R. Appleton.

## MANCHESTER.

3.0-5.0. THE STEPHENS MILITARY BAND.  
Conductor, R. C. STEPHENS.  
GEORGE JEFFCOCK (Baritone).  
Band.

Overture, "Mirella" ..... *Gounod (1)*  
Cornet Solo, "Adieu" ..... *Schubert*  
Soloist, F. STEPHENS.

Second Suite, "L'Arlésienne" ..... *Bizet*  
"Reminiscences of Beethoven" ..... *arr. Godfrey (1)*  
Baritone Songs.

"Brian of Glenaar" ..... *Herbert Graham (5)*  
"Beyond the Dawn" ..... *Sanderson*  
"Crossing the Bar" ..... *Tennyson*  
Band.

Adagio, "Sursam Corda" ..... *Elgar*  
"Gipsy Suite" ..... *German (11)*  
Baritone Songs.

"Honour and Arms" ..... *Handel (11)*  
"In Sheltered Vale" ..... *Frank d'Alquen*  
"Nazareth" ..... *Gounod*

5.0-5.30.—CHILDREN'S CORNER. *S.B. from Cardiff.*

8.0. SYBIL GORDON (Mezzo-Soprano).  
"The Violet" ..... *Mozart*  
SIDNEY G. HONEY: Talk to Young People.

8.25.—Hymn, "Thou Didst Leave Thy Throne" (English Hymnal, No. 585).  
The Rev. E. MILNER SWIFT, St. James' Vicarage, Warrington: Religious Address.

Hymn, "Sun of My Soul" (English Hymnal, No. 274).

8.50. An Evening with Mozart.  
THE "ZY" ORCHESTRA.  
Conductor, T. H. MORRISON.  
SYBIL GORDON (Mezzo-Soprano).  
BEATRICE EVELINE (Solo Violoncello).  
Orchestra.

Overture, "The Magic Flute."  
1st and 2nd Movements from Symphony in G Minor.

Mezzo-Soprano Song.  
"Ah! My Love!" ("Cosi fan Tutte").  
Violoncello Solos.

Adagio.  
Pantomime.  
Orchestra.

3rd and 4th Movements from Symphony in G Minor.

Mezzo-Soprano Songs.  
"Hasten, Tarry Not."  
"Desire for Spring."  
Violoncello Solos.

Ave Verum.  
Gavotte in B Flat.

10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
Local News.

10.15. Orchestra.  
Movements from Symphony No. 5 (The "Jupiter").

10.35.—Close down.  
Announcer: T. O. Beachcroft.

## NEWCASTLE.

3.0-5.0.—Programme *S.B. from London.*  
5.0-5.30.—CHILDREN'S CORNER. *S.B. from Cardiff.*

8.30.—"5NO" Choral Society Octet:  
Hymn, "Hark, Hark, My Soul" (A. and M. No. 223).

The Rev. LEONARD SYKES, Westgate Hall: Religious Address.  
Hymn, "My God, How Wonderful Thou Art" (A. and M. No. 169).

Schumann and Mendelssohn.  
HARRY SHUTTLEWORTH (Bass).  
THE STATION ORCHESTRA:  
Conductor, EDWARD CLARK.  
Orchestra.

9.0. Italian Symphony, 1st Movement *Mendelssohn*

9.10. Harry Shuttleworth.  
"The Two Grenadiers" ..... *Schumann*  
"The Lotus Flower" ..... *Schumann*  
"The Wanderer's Song" ..... *Schumann*

9.20. Orchestra.  
Romance from First Symphony *Schumann*

9.30. Harry Shuttleworth.  
Recit. and Air, "Lord God of Abraham" ("Elijah") ..... *Mendelssohn*  
Air, "It is Enough" ("Elijah") ..... *Mendelssohn*

9.40. Orchestra.  
Nocturne from "A Midsummer Night's Dream" ..... *Mendelssohn*  
Overture from "Overture, Scherzo and Finale" ..... *Schumann*

10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
Local News.

10.15.—Close down.  
Announcer: E. L. Odhams.

## ABERDEEN.

3.0-5.0.—THE CLYDEBANK BURGH BAND. *S.B. from Glasgow.*

5.0-5.30.—CHILDREN'S CORNER. *S.B. from Cardiff.*

8.30. Service relayed from SAINT MACHAR CATHEDRAL.  
Minister, The Rev. V. C. ALEXANDER, B.D., Rubislaw Parish Church.

9.30. THE WIRELESS TRIO.  
Trio No. 4 ..... *Beethoven*

9.40.—ALEX. MACGREGOR (Baritone).  
Recital of Negro Spirituals.  
"De Gospel Train" ..... *arr. Barleigh*  
"Tis Me, O Lord" ..... *arr. Barleigh*  
"Go Down, Moses" ..... *arr. Barleigh*  
"Hard Trials" ..... *arr. Barleigh*  
"Deep River" ..... *arr. Barleigh*  
"Oh, Didn't it Rain?" ..... *arr. Barleigh*

10.0.—WEATHER FORECAST and NEWS. *S.B. from London.* Local News.

10.15. Alex. MacGregor.  
"I Got a Robe" ..... *arr. Barleigh*  
"Oh, Peter, Go Ring Dem Bells" ..... *arr. Barleigh*  
"My Lord, What a Morning" ..... *arr. Barleigh*  
"I Stood on de Ribber ob Jordan" ..... *arr. Barleigh*  
"Nobody Knows de Trouble I've Seen" ..... *arr. Barleigh*  
"Swing Low, Sweet Chariot" ..... *arr. Barleigh*

10.25. Quartet.  
Selected Hymns.

10.35.—Close down.  
Announcer: Neil McLean.

## GLASGOW.

THE CLYDEBANK BURGH BAND (Record Scottish Champions).  
Conductor: J. D. SCOTTS.  
CLAIRE ALEXANDER (Mezzo Soprano).  
*S.B. to Edinburgh and Aberdeen.*

3.0. Band.  
Overture, "Poet and Peasant" ..... *Suppé*  
Selection, "Tammläuser" ..... *Wagner*  
March, "The Gladiator's Farewell" ..... *Blanckenbergh*

3.30. Claire Alexander.  
"Had I Jubal's Lyre" ("Joshua") *Handel*  
"My Heart that Believest" ..... *Bach*  
Creation's Hymn ..... *Beethoven*

3.40. Band.  
"Asleep in the Deep" ..... *Petrie—arr. Sutton*  
Bass Vocal Solo by George Hill, with Band Accompaniment.  
Grand Selection, "Works of Verdi" ..... *arr. Rimmer*  
Intermezzo, "In a Monastery Garden" ..... *Ketelbey (8)*

4.10. Claire Alexander.  
"Shepherd, Thy Demeanour Vary" ..... *arr. Lane Wilson (1)*  
"Sapphic Ode" ..... *Brahms*  
"Skye Fisher's Song" ..... *arr. M. Kennedy-Fraser (1)*

4.20.—Mr. JAMES MURRAY, Secretary of the National Bible Society of Scotland:  
A Short Chat.

4.30. Band.  
Selection, "Romeo and Juliet" ..... *Gounod*  
Barcarolle, "The Tales of Hoffmann" ..... *Offenbach*

Andante in G ..... *Batiste*

5.0-5.30.—CHILDREN'S CORNER. *S.B. from Cardiff.*

8.30.—Choir: Hymn No. 182 Church Hymnary.  
The Rev. JOHN FORD MCLEOD, B.D., of Craigownie Parish Church, Cove and Kilcreggan Religious Address.  
Hymn No. 193 Church Hymnary.  
Prayer.  
Hymn No. 191 (First Tune) Church Hymnary.

9.0. BESSIE SPENCE (Solo Violin).  
HERBERT A. CARRUTHERS (Solo Pianoforte).  
Sonata in A Major, Op. 100 ..... *Brahms*

9.20. ROBERT WATSON (Baritone).  
Five Biblical Songs ..... *Deorah*  
"Clouds and Darkness are Round About Him" ..... *arr. Barleigh*  
"Lord, Thou Art My Refuge" ..... *arr. Barleigh*  
"Hear My Prayer" ..... *arr. Barleigh*  
"God is My Shepherd" ..... *arr. Barleigh*  
"I Will Sing New Songs of Gladness." ..... *arr. Barleigh*

9.35. Bessie Spence.  
Berceuse ..... *Arcesky*  
Orientale ..... *Cesar Cui*  
Mélodie, Op. 42 ..... *Tchaikovsky*  
Scène de la Czardas, Op. 18 ..... *Hubay*

9.50. Robert Watson.  
"Lord God of Abraham" *Mendelssohn (11)*  
"Revenge, Timothens Cries" *Handel (11)*

10.0.—WEATHER FORECAST and NEWS. *S.B. from London.* Local News.

10.15.—Close down.  
Announcer: R. Elliot Kingsley.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 205.

## EVENTS OF THE WEEK.

SUNDAY, October 26th.

- LONDON, 3.0.—The J. H. Squire Celeste Octet. S.B. to Newcastle.
- BIRMINGHAM, 8.30.—Radio Fantasy No. 1, "Crown o' the Year."
- BOURNEMOUTH, 8.50.—Oratorio, "The Seasons" (Haydn).
- MANCHESTER, 8.50.—An Evening with Mozart.
- NEWCASTLE, 9.0.—"Schumann and Mendelssohn."
- GLASGOW, 3.0.—The Clydebank Burgh Band. S.B. to Edinburgh and Aberdeen.

MONDAY, October 27th.

- ALL STATIONS (except Belfast), 7.30.—All-Star Popular Concert.
- BELFAST, 7.30.—An Evening of Light Music.

TUESDAY, October 28th.

- CARDIFF, 8.0.—"The Cloud that Lifted" (Maeterlinck).
- MANCHESTER, 7.30.—"Sir Walter Raleigh," a special programme based on his life.
- NEWCASTLE, 7.30.—Short Plays and Old Songs.
- ABERDEEN, 7.30.—"Memories."
- GLASGOW, 7.30.—"Corsica — Italy — Sicily."
- BELFAST, 7.30.—A few Excerpts from Grand Opera.

WEDNESDAY, October 29th.

- LONDON, 7.30.—Some Chamber Music and a Short Comedy.
- BOURNEMOUTH, 8.0.—Municipal Orchestra Night: Conductor, Sir Dan Godfrey.
- MANCHESTER, 7.0.—"The Magic Flute" (Mozart).
- ABERDEEN, 7.30.—"Hugh the Drover" (Vaughan Williams), relayed from Edinburgh.
- GLASGOW, 7.30.—"A Night in Spain."
- BELFAST, 7.30.—Symphony Concert.

THURSDAY, October 30th.

- ALL STATIONS (except Belfast), 7.30.—An Hour with John Masefield, Part of Hallé Concert relayed from Manchester.—Conductor, Hamilton Harty, and A. J. Alan in his "Adventure on Dartmoor."

FRIDAY, October 31st.

- LONDON, 7.30.—"Hallowe'en."
- CARDIFF, 7.30.—"The Pursuit of Beauty in Speech and Music."
- MANCHESTER, 7.30.—"A Dip into the Future."
- GLASGOW, 7.45.—"A Hallowe'en Party."

SATURDAY, November 1st.

- BOURNEMOUTH, 7.30.—Sullivan and Coleridge-Taylor Night.
- ABERDEEN, 8.0.—Choral Evening.

A MOTOR-BUS plying in Johannesburg has a receiving-set installed and picks up wireless concerts for the benefit of its passengers. Hospitals in Labrador are to be equipped with wireless sets.

## Continental Broadcasting.

Owing to frequent changes of wave-length and times of transmission, absolute accuracy cannot be guaranteed, but each time we go to press with this list it will be carefully checked with the latest available information. The times given are according to Greenwich Mean Time.

## FRANCE.

IFFEL TOWER (F.J.)—Paris, 2,600 m.  
Daily: 7.40 a.m., Weather Forecast; 10.40, Market Reports; 12.15, Time Signal; 3.40, Market Reports (Weekdays); 6.15 p.m., Concert, News Bulletin (Monday, Wednesday and Friday); 6.30 p.m., News only (Tuesday, Thursday, Saturday and Sunday); 8 p.m., Weather Forecast; 9 p.m., Lecture (irregular); 11.10 p.m., Final Weather Forecast.

RADIO-PARIS (SPR)—Paris, 1,780 m.  
Weekdays: 12.30 p.m., News, etc.; 12.45 p.m., Tzigane Orchestra; 4.30 p.m., Stock Exchange News, Concert; 5.45 p.m., Stock Exchange News; Women's Hour; 8.30 p.m., Lecture, News Bulletin, Concert; 10 p.m., Dance Music (not daily); Sundays: 12.45 p.m., Orchestra; 1.45 p.m., News; 4.45 p.m., Concert; 5.45 p.m., News, etc.; 9 p.m., Concert; 10 p.m., Dance Music. On the 2nd and 4th Saturday of each month a Concert is given by *Le Matin* at 9 p.m.

L'ECOLE SUPERIEURE DES POSTES ET TELEGRAPHES (PTT)—Paris, 458 m.  
3 p.m., Concert (irregular); 4.30 p.m., Lecture and Concert (Thursdays); 8 p.m., English Conversation, Lecture or Concert (Tuesday); 8.30 p.m., Lecture or Concert (daily).

## GERMANY.

BERLIN (Telefunken)—290, 750 and 850 m.  
7 p.m., Concert or relay of Opera, etc. (irregular).  
HAMBURG—387 m.

8.55 a.m., Time Signal, News (7.55 Sundays); 8 a.m., Talk; 10.15, Sacred Concert (Sunday); 11.15, Chesa (Sunday); 11.55, Time Signal, Stock Exchange (weekdays); 12.15 p.m., Concert (irregular); 2 p.m., Lecture (weekdays); 4 p.m., Women's Hour, Lecture; 7 p.m., Concert or Play (daily); 9 p.m., Weather Forecast, Market Reports, Sporting News; 10.50 p.m., General News (in English).

BERLIN (1), (Vox Haus)—490 m.; (2)—500 m.  
9 a.m., Market Reports, News Bulletin; 11.15 a.m., Stock Exchange News; 11.55, Nansen Time Signal, relayed News; 1.15 p.m., Stock Exchange News; 3.30 p.m., Orchestra; 5.30 p.m., Lecture (Saturdays), Children's Corner (Wednesdays and Sundays); 6 p.m., English Lesson (Mondays); Children's Corner (Wednesdays); Lecture (other days); 8.45 p.m., Lecture (except Sundays); 7.30 p.m., Concert, News Bulletin, Time Signal; 9.30 p.m., Dance Music (Thursdays and Saturdays). All items daily except where otherwise stated. Evening lecture and concert relayed by Berlin (2) on 500 m. from 6 p.m. onwards.

## BELGIUM.

BRUSSELS (SRB)—265 m.  
Daily: 5 p.m., Orchestra; Children's Corner (Thursdays); 6 p.m., News; 8 p.m., Lecture; 8.15, News, Concert; 10 p.m., Final News.

## HOLLAND.

THE HAGUE (PCGG)—1,070 m.  
2.40 p.m., Concert (Sundays); 8.10 p.m., Concert (Mondays and Thursdays).

THE HAGUE (PCU)—1,050 m.  
10.40 a.m. and 9.40 p.m., Concert (Sundays), 7.40 p.m., (Tuesdays).

THE HAGUE (PCKK)—1,050 m.  
9.40 p.m., Concert (Fridays).

AMSTERDAM (PA5)—1,050 m.  
11 a.m., Concert (daily); 7.40 p.m., Concert (Wednesdays); 8.40 p.m., News; 9.10 p.m., Concert (irregular).

AMSTERDAM (PCFF)—2,000 m.  
News and Stock Exchange Quotations almost hourly from 7.55 a.m. to 2.55 p.m.

## SWITZERLAND.

GENEVA (HBI)—1,100 m.  
Daily (except Sunday): 12.15 p.m., Weather Forecast, Stock Exchange and General News, Lecture.

LAUSANNE (HBI)—850 m.  
Daily: 7.5 a.m., Weather Forecast; 12.30 p.m. and 5.55 p.m., Weather Forecast, Time Signal and News; 4 p.m., Children's Corner (Wednesdays); 7.15 p.m., Concert, Dance Music (Thursdays) and Saturdays.



THE ROCK DOVE.

This bird is among those that will be dealt with by Mr. E. Kay Robinson during his talk on "British Birds" to be given from London on Tuesday, October 28th.

## De la Prononciation du Français (Suite).

The following talk will be given from London by M. E. M. Stéphan on Thursday, October 30th. It is printed here in French to enable students to follow the speaker word for word.

LA Voyelle No. 10 le (eh) fermé, tel qu'on l'entend dans deux, bleu, joyeux, monsieur, berceuse, charmeuse, etc., est un son extrêmement difficile pour les Anglais.

Pour acquérir la prononciation correcte de cette voyelle il faut adopter une méthode analogue à celle qui a été recommandée dans le cas de la voyelle (u). Il suffit de prononcer (é) puis tout en maintenant la langue dans la même position, d'avancer et d'arrondir les lèvres, en leur donnant la forme qu'elles ont pour la voyelle (o). Un petit miroir de poche aidera l'étudiant en lui montrant si la position des lèvres est correcte.

Voici une autre méthode qui donne de bons résultats pourvu que le son (u) soit acquis.

L'étudiant dira (u) comme dans *tu, tu, du, etc.*, puis sans séparer les lèvres il ouvrira davantage les mâchoires. En d'autres termes, que l'étudiant s'efforce de dire (u) tout en séparant les dents par un intervalle assez considérable.

La Voyelle No. 11, La (eu) ouvert de *jeune, peur, cœur, peur, meurtre, etc.*, s'obtient en prononçant (é) puis sans bouger la langue, en avançant les lèvres et en les arrondissant, de telle façon qu'elles offrent la forme requise pour le (o) ouvert de *Paul, folle, mort, etc.*

Les fautes caractéristiques dans lesquelles tombent les Anglais quand ils essaient de reproduire les sons dont je viens de parler sont dues; premièrement à ce qu'ils ne se rendent pas compte que nous avons ici en français deux voyelles très distinctes; et deuxièmement à ce qu'il existe une certaine ressemblance acoustique entre ces sons et la voyelle anglaise des mots: *bird, girl, herb, turn, myrrh*, de sorte que généralement ce dernier son remplace les deux voyelles françaises.

Donc dans la plupart des cas, l'étudiant anglais prononcera le mot *peur* exactement comme si c'était le mot "purr" de sa propre langue; de même "meurtre" devient "myrrh"; "beaux" devient "err"; "les" devient "ir"; "bleu" devient "blurr," etc.

Ces deux voyelles françaises, très distinctes comme vous avez dû le remarquer, sont représentées dans l'orthographe usuelle par les mêmes lettres: (eu). Il est donc difficile pour l'étranger de savoir quand il faut prononcer l'une et quand il faut prononcer l'autre.

Rappelez-vous les points suivants:—

(1) Le (eu) ouvert de *auf, bouf, jeune, etc.*, ne se trouve jamais être le dernier son d'un mot français. Si le son représenté par l'orthographe usuelle en est final dans le mot, il faut prononcer le (eu) fermé, comme dans *bleu, Dieu, heureux, monsieur, etc.*

(2) *eu, eue, eude, eute*, dans l'orthographe de convention se prononcent (eu) fermé: Ex: *jeune, précieuse, lance, émeute*.

(3) Dans les autres cas, à part quelques exceptions très peu nombreuses, prononcez le (eu) ouvert.

The lecturer will then read a passage from "Les Misérables," by Victor Hugo, dealing with the arrival of Jean Valjean at the house of Bishop Delegrue.

## LECTURE EXPLIQUÉE.

The following will be broadcast from London on Friday, October 24th, during the Transmissions to Schools from 3.15 to 3.45 p.m.

## L'Alouette.

L'oiseau des champs par excellence, l'oiseau du laboureur, c'est l'alouette, sa compagne assidue, qu'il retrouve partout dans son sillon pénible pour l'encourager, le soutenir, lui chanter l'espérance.

Espoir, c'est la vieille devise de nos gaëlois et c'est pour cela qu'ils avaient pris comme oiseau national cet humble oiseau si pauvrement vêtu, mais si riche de cœur et de chant.

Quelle vie précaire, aventureuse, au moment où elle couve! Que de soucis, que d'inquiétudes! A peine une motte de gazon dérobe au chien, au milan, au faucon, le doux trésor de cette mère. Elle couve à la hâte, elle élève à la hâte la tremblante couvée. Qui ne croirait que cette infortunée participera à la mélancolie de son triste voisin, le lièvre.

Mais le contraire a lieu, par un miracle inattendu de gaieté et d'oubli facile, de légèreté, si l'on veut, et d'insouciance française: l'oiseau national, à peine hors de danger, retrouve toute sa sérénité, son chant, son indomptable joie.

—MICHAËL ("L'Oiseau").

## DICTÉE.

The following dictation was broadcast from London, on October 17th, during the School's Transmission. It is printed here to assist the scholars who took down the dictation when broadcast.

Il y avait dans le jardin du Luxembourg deux enfants qui se tenaient par la main. L'un pouvait avoir sept ans, l'autre cinq. La pluie les ayant mouillés, ils marchaient dans les allées du côté du soleil: l'aîné, conduisant le petit, ils étaient en haillons et pâles; ils avaient un air d'oiseaux pauvres. Le plus petit disait: "J'ai bien faim."

L'aîné, déjà un peu protecteur, conduisait son frère de la main gauche et avait une bague dans sa main droite.

Les deux petits abandonnés étaient parvenus près du grand bassin et tâchaient de se cacher, ils se tenaient derrière la baraque des cygnes.—VICTOR HUGO ("Les Misérables").

## "RADIO TIMES" READING CASE.

Messrs. George Newnes, Ltd., have now prepared a handsome case in red cloth with gilt lettering for "The Radio Times," complete with cord down the back to hold a copy of this publication. A pencil is indispensable to the listener during the course of the programme, and this is included conveniently in a slot at the side. Listeners should order this to-day from any Newsagent. It is published at 2s. 6d., or send 4d. extra to cover postage for a case from the Publisher, 8-11, Southampton Street, Strand, London, W.C.2.

# WIRELESS PROGRAMME—MONDAY (Oct. 27th.)

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

## LONDON.

- 3.15-3.45.—Talk to Schools: Mr. GEOFFREY SHAW on "Music."
- 4.0-5.0.—Time Signal from Greenwich. Concert: The "2LO" Trio and Audrey Hyslop (Mezzo-Soprano). "Anthracite," by H. Teeling Smith. "Half-hour Rambles in London—(2), The Foundling Hospital," by Agnes Lyall.
- 5.30-6.15.—CHILDREN'S CORNER: "How Blossom Came to the Heather," by Florence Holbrook. "Greenwood Tales" retold by Dorothy King. Stories by Elizabeth Clark.
- 6.40-6.55.—"Curious Facts About Animals," by a West-end veterinary surgeon.
- 7.0.—TIME SIGNAL FROM BIG BEN, WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*  
Mr. STEWART DICK on "London's Pictures." *S.B. to other Stations.*  
Local News.
- 7.30.—ALL STATIONS PROGRAMME. (For particulars see centre column.)
- 9.30.—TIME SIGNAL FROM GREENWICH, WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN. *S.B. to all Stations.*  
Topical Talk.  
Local News.
- 10.0.—THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS, relayed from the Savoy Hotel, London. *S.B. to all Stations.*
- 11.0.—Close down.  
Announcer: J. S. Dodgson.

## BIRMINGHAM.

- 3.30-4.30.—The Station Wood Wind Quintet.
- 5.0-5.30.—WOMEN'S CORNER: Sidney Rogers, F.R.H.S., Topical Horticultural Hints. Edith Freeman (Contralto).
- 5.30-6.30.—CHILDREN'S CORNER.
- 6.30-6.45.—"Teens' Corner: Uncle Bonzo: East African Experiences.
- 7.0-11.0.—*The entire Programme S.B. from London.*  
Announcer: J. C. S. Paterson.

## BOURNEMOUTH.

- 3.30-5.0.—The Crystals' Concert Party: Dorothy Randall (Contralto), A. J. England (Bass), Dorothy Forrest (at the Piano). Talk to Women: "Hobbies for Women," by Jessie March. The ROYAL BATH HOTEL DANCE ORCHESTRA, relayed from King's Hall rooms. Musical Director: DAVID S. LIFF.
- 5.0-6.0.—CHILDREN'S CORNER.
- 6.0-6.30.—Scholars' Half-Hour: W. F. Perry on "The Geography of Sand."
- 7.0-11.0.—*The entire Programme S.B. from London.*  
Announcer: John H. Raymond.

## CARDIFF.

- 3.0-4.0.—Falkman and his Orchestra, relayed from the Capitol Cinema.
- 5.0-5.45.—"5WA'S" "FIVE O'CLOCKS": Vocal and Instrumental Artists. Talks to Women.
- 5.45-6.30.—CHILDREN'S CORNER.

## ALL STATIONS PROGRAMME (except Belfast).

- Relayed from London.  
7.30-9.30.
- GERTRUDE JOHNSON (Soprano).
  - CARMEN HILL (Contralto).
  - WALTER HYDE (Tenor).
  - NORMAN ALLIN (Bass).
  - DAISY KENNEDY (Solo Violin).
  - RONALD GOURLEY (Entertainer).
  - BAND OF H.M. ROYAL AIR FORCE.  
Conductor, Flight-Lieut. J. AMERS.  
(By permission of the Air Council.)
  - Band.
  - Overture, "Rienzi" ..... Wagner
  - Soprano Song.
  - Waltz Song from "Tom Jones" German Bass Song.
  - Vulcan's Song from "Philemon and Baucis" ..... Gounod
  - Violin Solos.
  - Moment Musicale ..... Schubert-Kreisler
  - Sarabande and Tambourin  
Jean Marie Leclair
  - Band.
  - Woodland Sketches ... Edward Macdowell
  - 1. "To a Wild Rose"; (2) "Will o' the Wisp"; (3) "In Autumn"; (4) "To a Waterlily"; (5) "Uncle Remus"; (6) "Told at Sunset."
  - Tenor Song.
  - "O Vision Entrancing" ("Esmeralda")  
Goring Thomas
  - Contralto Songs.
  - "A Little Twilight Song"  
Comingsby Clarke
  - "The Song My Mother Taught Me"  
Grimshaw (1)
  - Band.
  - Selection, "Madame Pompadour"  
Leo Fall
  - Ronald Gourley will Entertain.
  - Soprano Songs.
  - "Robin Adair" ..... } Traditional
  - "Comin' Thro' the Rye" } Bass Songs.
  - "Now Sleeps the Crimson Petal"  
Roger Quilter (1)
  - "Simon the Cellarer" ..... Hatton
  - Band.
  - Suite, "Ballet Egyptien" ..... Luigini
  - Tenor Song.
  - Serenade ..... Schubert
  - Violin Solos.
  - Waltz Song, "Aus Wien"  
Gaertner-Kreisler
  - Valse Caprice ..... Nandor Zsolt
  - Contralto Songs.
  - "Unmindful of the Roses"  
Hermann Lohr
  - "Sorrow and Spring" ..... Graham Peel
  - Vocal Quartet.
  - "One Morn' if I Remember" ("Rigoletto") ..... Verdi
  - Band.
  - "Marche Lorraine" ..... Louis Ganne
  - (DAISY KENNEDY will be accompanied by ELLA IVIMEY.)

## WAVE-LENGTHS AND CALL SIGNS.

ABERDEEN (2BD)	495	Metres
BIRMINGHAM (5IT)	475	"
GLASGOW (5SC)	420	"
NEWCASTLE (5NO)	400	"
BOURNEMOUTH (6BM)	385	"
MANCHESTER (2ZY)	375	"
LONDON (2LO)	365	"
CARDIFF (5WA)	351	"
NOTTINGHAM (5NG)	322	"
PLYMOUTH (5PY)	335	"
EDINBURGH (2EH)	328	"
LIVERPOOL (6LV)	315	"
SHEFFIELD (6FL)	301	"
LEEDS	346	"
BRADFORD } (2LS) {	310	"
HULL (6KH)	335	"
BELFAST (2BE)	435	"
STOKE-ON-TRENT (6ST)	306	"

6.45-7.0.—Mr. W. H. Dalton, F.Z.S., F.R.H.S., A.R.San. L., on "The National Rat Week."

7.0-11.0.—*The entire Programme S.B. from London.*

Announcer: A. H. Goddard.

## MANCHESTER.

- 3.30-4.0.—Broadcast for Schools.
- 4.0-4.30.—Concert by the "2ZY" Quartet.
- 4.30-5.0.—WOMEN'S HALF-HOUR: Gaby Valle (Soprano).
- 5.0-6.0.—CHILDREN'S CORNER.
- 6.30-6.55.—Major W. Peer-Groves on "Curious Methods of Fishing all the World Over—(2), Net Fishing from Blackpool to the Bosphorus."  
Announcer: T. O. Beachcroft.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
Local News.
- 7.15-7.30.—Interval.
- 7.30-11.0.—*The entire Programme S.B. from London.*  
Announcer: Victor Smythe.

## NEWCASTLE.

- 3.15-4.45.—Margery Martin (Mezzo-Soprano), Alice Robson (Solo Violin), William Peacock (Bass).
- 4.45-5.15.—WOMEN'S HALF-HOUR: Weekly News Letter. Mrs. S. K. Barber: "Practical Cookery Talk—(5), Dishes for Children's Parties."
- 5.15-6.0.—CHILDREN'S CORNER.
- 6.0-6.30.—Scholars' Half-Hour.
- 6.45-6.55.—Mr. R. E. Richardson on "Gardening."
- 7.0-11.0.—*The entire Programme S.B. from London.*  
Announcer: W. M. Shewen.

## ABERDEEN.

- 3.30-5.0.—Operatic Afternoon: Claire Alexander (Mezzo-Soprano), The Wireless Quartet, Reginald Whitehead (Bass). Feminine Topic: Mrs. M. G. Cameron on "The Care of Hens and Ducks."
- 5.30-6.0.—CHILDREN'S CORNER: Mr. J. G. Burnett on "Learning to Listen."
- 6.30.—Girl Guides' and Boy Scouts' News Bulletins. S.M. A. W. Grafton: "Instruction in Tracking by Plaster Casts."
- 7.0-11.0.—*The entire Programme S.B. from London.*  
Announcer: A. M. Shinnie.

## GLASGOW.

- 3.30-4.50.—Popular afternoon: The Wireless Quartet, Marion Welsh (Soprano), Adam Prest on "Old Married Women."
- 5.15-6.0.—CHILDREN'S CORNER: "Feathered Friends." Thirty Minutes with Nature—Illustrated in Song and Story by Auntie Cyclone and Uncle Mungo.
- 6.40-6.55.—Dr. PIO DEL FRATE on "Italian Literature." *S.B. to Edinburgh.*
- 7.0-11.0.—*The entire Programme S.B. from London.*  
Announcer: Mungo M. Dewar.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 295.



# WIRELESS PROGRAMME—TUESDAY (Oct. 23th.)

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

Orchestra.  
Selection, "Our Miss Gibbs"  
*Caryll and Monckton*  
Overture, "Gabielle" ..... *Rosse*  
9.30.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
Sir WILLIAM H. BRAGG. *S.B. from London.* Local News.  
10.0.—Dance Music.  
10.30.—Close down.  
Announcer: C. K. Parsons.

## MANCHESTER.

12.30-1.30.—Organ Music by H. Fitzroy Page, relayed from the Piccadilly Picture Theatre.  
3.30-4.0.—Music relayed from the Oxford Picture Theatre.  
4.0-4.30.—Sybil Maden (Contralto).  
4.30-5.0.—WOMEN'S HALF-HOUR.  
5.0-6.0.—CHILDREN'S CORNER.  
6.30-6.50.—Mr. George W. Thompson on "Common Commodities": (8) England's Black Diamonds—Coal.  
Announcer: Victor Smythe.  
7.0.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
JOHN STRACHEY. *S.B. from London.* Local News.

7.30. Sir Walter Raleigh.  
Died—October 29th, 1618.  
THE "ZY" AUGMENTED ORCHESTRA:  
Conductor, T. H. MORRISON.  
THE "ZY" OPERA CHORUS:  
Chorus Master, SAM WHITTAKER.  
SAM HEMSALL (Tenor).  
J. CHALLONER HEATON (Bass-Baritone).  
Notes by TINSLEY PRATT.  
Boyhood in Devon.  
Bass-Baritone Songs.

"Glorious Devon" ..... *German (1)*  
"Red Devon by the Sea" ..... *Clarke*  
Helping the Huguenots.  
Orchestra.  
Selection, "The Huguenots" ..... *Meyerbeer*  
Westward Ho!  
Bass-Baritone Songs.  
"The Capstan Bar" ..... *arr. Bradford*  
"Blow the Man Down" ..... *and Fugge.*  
Discovery of Virginia.  
Tenor Songs.  
"Tobacco's But an Indian Weed"  
*Traditional*  
"Ode to Tobacco" ..... *Farmer*  
The Azores.  
Chorus.  
"The Revenge" ..... *Stanford (11)*  
Marriage and Disgrace.  
Tenor Songs.  
"The Rose" ..... *German*  
"That Every Jack Should Have a Jill"  
*German*  
In Search of Eldorado.  
Bass-Baritone Song.  
"Sea Fever" ..... *John Ireland*  
Orchestra.  
"Eldorado" ..... *E. Doggett*  
Concerted.  
"Fortune, My Foe."

9.30.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
Sir WILLIAM H. BRAGG. *S.B. from London.* Local News.  
10.0. KEYBOARD KITTY and her Piano.  
10.15. A Musical Interlude by "US."  
10.30.—Close down.  
Announcer: B. E. Nicolls.

## NEWCASTLE.

3.45-4.45.—Rosina Wall's Trio.  
4.45-5.15.—WOMEN'S HALF-HOUR.  
5.15-6.0.—CHILDREN'S CORNER.  
6.0-6.30.—Scholars' Half-Hour.  
6.45-6.55.—Mr. Guy A. Brown on "West African Pidgin English."  
7.0.—WEATHER FORECAST and NEWS.  
*S.B. from London.*

JOHN STRACHEY. *S.B. from London.* Local News.  
THE "5NO" REPERTORY COMPANY.  
ERNEST J. POTTS (Bass).  
THE PRUDHOE GLEEMEN.  
THE STATION ORCHESTRA:  
Conductor, EDWARD CLARK.  
7.30. "A DUET."  
A Duologue by Sir A. Conan Doyle.  
Cast:

Maud ..... JENNIE STEVENS  
Frank ..... VERNON BROWN  
Scene: A Sitting-Room. It is Evening.  
"BUNKERED."  
A Duologue by Bertha Moore.  
Cast:

Mrs. Errington (an Elderly but Attractive Woman) ..... JENNIE STEVENS  
Mrs. Arthur Errington (a Pretty Woman of Twenty-Three) ..... MARY KNYVELT  
The action passes in a golf hotel.  
Plays produced by JENNIE STEVENS.  
Orchestra.

8.0. Four Dances from "The Rebel Maid"  
*Montague Phillips*

8.15. Ernest J. Potts.  
Shakespeare Songs.  
Orchestra.

8.25. "Bagatelle" ..... *John Ireland (11)*

8.35. "Song of the Pilgrims" ..... *Brook (11)*  
"My Sweet Sweeting" ..... *Keel (14)*  
"A Stave of Roving Tim" ..... *Shaw (2)*

8.45. Selection from "A Masked Ball"  
*Verdi-Tavan*

9.0. What Other Stations are doing.  
9.30.—WEATHER FORECAST and NEWS.  
*S.B. from London.*

Sir WILLIAM H. BRAGG. *S.B. from London.* Local News.  
Prudhoe Gleemen.

10.0. Selected Part Songs, Choruses and Folk Song.  
Orchestra.

Dance Music.  
Prudhoe Gleemen.  
Chorus, Folk Song and Part Song.  
Orchestra.

"A Kiss for Cinderella" ..... *Bucalossi*  
11.0.—Close down.  
Announcer: W. M. Shewen.

## ABERDEEN.

3.30-5.0.—Light Popular Programme.  
5.15-6.0.—CHILDREN'S CORNER.  
6.40-6.55.—Talk to Scholars: Col. The Rev. JAMES SMITH, T.D., B.D., J.P., on "The Land of Egypt." *S.B. to Glasgow and Edinburgh.*

7.0.—WEATHER FORECAST and NEWS.  
*S.B. from London.*

JOHN STRACHEY. *S.B. from London.* Local News.

7.30.—Royal Horticultural Society of Aberdeen Talk.

### Memories.

CATHERINE PATERSON (Contralto).  
GEORGE BOYD (Baritone).  
JAMES H. W. HENDRY (Tenor).  
A. M. SHINNIE (Entertainer).  
THE WIRELESS ORCHESTRA.

7.45. Selection—Chevalier's Songs.  
Orchestra.

8.0. Catherine Paterson.  
"My Mother Bids Me Bind My Hair"  
*Haydn*

8.10. "Down the Vale" ..... *Moir (1)*  
George Boyd.

8.20. "To Anthea" ..... *Hatton*  
"Down Among the Dead Men"  
*Old English*

8.30. "My Old Dutch"  
"The Future Mrs. 'Awkins" ..... *Chevalier (13)*

8.40. James H. W. Hendry.  
"Once Again" ..... *Sullivan (1)*  
"When Other Lips" ..... *Balfé*

8.50. Orchestra.  
"Blue Danube Waltz" ..... *Strauss*

"Hearts and Flowers" ..... *Tobani*  
"Immortellen Waltz" ..... *Gung'l*

8.55. Catherine Paterson.  
"Love's Old Sweet Song" ..... *Molloy*  
"The Lost Chord" ..... *Sullivan*

9.5. George Boyd.  
"The Wolf" ..... *Shield*  
"I am a Friar of Orders Grey" ..... *Reeve*  
"Heart of Oak" ..... *Bojce*

9.15. James H. W. Hendry.  
"My Pretty Jane" ..... *Bishop*  
"My Sweetheart When a Boy" ..... *Morgan*

9.25. Orchestra.  
"Ballad Memories" ..... *Baynes (1)*

9.30.—WEATHER FORECAST and NEWS.  
*S.B. from London.*

Sir WILLIAM H. BRAGG. *S.B. from London.* Local News.  
George Boyd.

10.0. "The Laird o' Cockpen" ..... *arr. Moffat*  
"The Wee Town Clerk" ..... *arr. Robertson*

10.10. Catherine Paterson.  
"Queen of the Earth" ..... *Pinsuti*  
"Fair Fa' the Gloaming" ..... *Old Scotch*

10.20. James H. W. Hendry.  
"Parted" ..... *Tooti*  
"Come Into the Garden, Maud" ..... *Balfé*

10.30.—Close down.  
Announcer: H. J. McKee.

## GLASGOW.

3.30-4.50.—Request Afternoon.  
5.15-6.0.—CHILDREN'S CORNER.  
6.0-6.5.—Weather Forecast for Farmers.  
6.40-6.55.—The Rev. James Smith. *S.S. from Aberdeen.*

7.0.—WEATHER FORECAST and NEWS.  
*S.B. from London.*

JOHN STRACHEY. *S.B. from London.* Local News.

7.30. Corsica—Italy—Sicily.  
A Corsican Play in one Act.  
"MATEO FALCONE."

Adapted from the translation of Prosper Mérimée's short story by R. E. TATLOCK and HALBERT TATLOCK.

Cast:  
Mateo Falcone .. HALBERT TATLOCK  
Fortunato (His Son)

MADGE MACKENZIE  
Guiseppe (Mateo's Wife)

VICTORIA RADFORD  
Gianetto Sanpiero (A Bandit)

DOUGLAS ROBERTSON  
Gamba (An Army Officer) - LOUIS GREIG  
Soldiers.

Scene: Outside Falcone's cottage, Corsica.  
Time: Written for the last generation, but almost equally true for to-day.

8.10.—MARGARET THACKERAY (Contralto).  
"A Corsican Dirge" ..... *C. Villiers Stanford*

8.20. Orchestra.  
Selection, "The Sicilian Vespers" ..... *Verdi*

8.30.—REGINALD WHITEHEAD (Baritone).  
"Songs From a Sicilian Garden"  
*Herbert Oliver (8)*

8.45. Orchestra.  
Selection, "Rigoletto" ..... *Verdi*  
Margaret Thackeray.

9.10. "O Mio Fernando!" ..... *Donizetti*  
Orchestra.

9.30.—WEATHER FORECAST and NEWS.  
*S.B. from London.*

Prof. R. S. RAIT, C.B.E., LL.D., on  
"History." *S.B. to Edinburgh.*

Local News.  
Orchestra.

10.0. Italian Valse, "La Regina" ..... *Korolanyi*  
"Italian Royal March" ..... *Carbetti*

10.10. Reginald Whitehead.  
"O tu Palermo" ..... *Verdi*  
"Within These Sacred Bowers" ..... *Mozart*

10.25. Orchestra.  
Italian National Air, "Marcia Reale."

10.30.—Close down.  
Announcer: R. Elliot Kingsley.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 205.

# WIRELESS PROGRAMME—WEDNESDAY (Oct. 29th.)

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

## LONDON.

- 5.15-5.45.—Talk to Schools: Mr. J. G. STOBART on "Stories in Poetry."  
 4.0.5.0.—Time Signal from Greenwich. Concert: The "2LO" Trio and Anderson Nicol (Tenor). "My Part of the Country," by A. Bonnet Laird. "Tales of Many Homes," by Kathie Herrick.  
 5.30-6.15.—CHILDREN'S CORNER: Violoncello Solos by Beatrice Evelina. "The Flying Ships" (I), adapted by Andrew Lang (from the Yellow Fairy Book). "A Master Fisherman—the Cormorant."  
 6.40.—Mr. E. T. Mansfield on "The Constantinople of To-Day."  
 7.0.—TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*  
 Mr. HARTLEY WITHERS on "Exchange. *S.B. to all Stations.*  
 Local News.

### Chamber Music Night.

- THE VIRTUOSO STRING QUARTET.  
 7.30. Quartet in B Flat ("The Hunting Quartet") ..... *Mozart*  
 Allegro Vivace Assai; Menuet; Adagio; Allegro.  
 8.5. A Change of Theme.  
 PHYLLIS SCOTT and  
 MOYRA O'KEEFE in Comedy Duets.  
 NELSON JACKSON (Entertainer)  
 in Items from his Repertoire.  
 Chamber Music (Continued).  
 8.30. String Quartet.  
 Quartet in G Major (First Movement) ..... *Dvorak*  
 Allegro Moderato.  
 8.45.—"From My Window," by Philemon.  
 8.55. "LIGHT AND SHADE,"  
 A Short Comedy for Broadcasting  
 by  
 L. du Gard Peach  
 ("L. du G." of "Punch").  
 Produced by  
 R. E. JEFFREY.

- Cast:  
 Reggie ..... RAYMOND TRAFFORD  
 Delia ..... JEAN STURROCK  
 9.10.—Quartet in G Major (Continued) *Dvorak*  
 Adagio ma non troppo; Molto vivace.  
 9.30.—TIME SIGNAL FROM GREENWICH.  
 WEATHER FORECAST and 2ND  
 GENERAL NEWS BULLETIN. *S.B. to all Stations.*  
 The Week's Work in the Garden, by the  
 Royal Horticultural Society. *S.B. to all  
 Stations except Bournemouth.*  
 Mr. DOUGLAS KENNEDY, of the Folk  
 Dance Society, on "The Sword Dance."  
*S.B. to all Stations except Bournemouth.*  
 Local News.

At intervals, from 10.5 onwards, it is hoped to give Election Results. Full details will be given of Ministers, ex-Ministers, and others in the public eye; also the state of the Parties every hour.

- 10.5.—THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS, relayed from the Savoy Hotel, London. *S.B. to all Stations.*

11.0.—Close down.

Announcer: J. G. Broadbent.

## BIRMINGHAM.

- 3.30-4.30.—Lozells Picture House Orchestra.  
 5.0-5.30.—WOMEN'S CORNER: Valerie d'Estrades on "Famous People of the Midlands—Dr. Jonson."  
 5.30-6.30.—CHILDREN'S CORNER.  
 6.30-6.45.—"Teens' Corner: Madge Rogers (Soprano).  
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
 Mr. HARTLEY WITHERS. *S.B. from London.*  
 Local News.

- 7.30-8.0.—Mons. R. H. PARDOE (Professor of French at the Birmingham and Midland Institute): "Richesses et Merveilles de la Langue Française." Relayed from the Cosmopolitan Club.

### 8.0. Chamber Music.

- THE STATION PIANOFORTE  
 QUINTET:  
 FRANK CANTELL (1st Violin),  
 ELSIE STELL (2nd Violin),  
 ARTHUR KENNEDY (Viola),  
 LEONARD DENNIS (Violoncello),  
 NIGEL DALLAWAY (Piano).  
 SYBIL MADEN (Contralto).  
 GEOFFREY DAMS (Tenor).  
 String Quartet.  
 Quartet in F, Op. 18, No. 1 ... *Beethoven*  
 Allegro con brio; Adagio.  
 Contralto Songs.  
 "Spring Night" (With String Quintet) ..... *Philip Santon*  
 "Chant Hindou" (With 'Cello Obligato) ..... *Bemberg*  
 "Elégie" (With Violin Obligato) ..... *Messnet*  
 "The Riverside" (With String Quartet) ..... *Philip Santon*  
 String Quartet.  
 Selected Movements from "Lady Audrey's Suite" ..... *Howells (2)*  
 Tenor Song Cycle.  
 "On Wenlock Edge" *Vaughan Williams (1)*  
 (Accompanied by the Piano Quintet.)  
 Contralto Songs.  
 "I Love Thee" ..... } *Grieg*  
 "Drifting" ..... }  
 "Forgetfulness" ..... } *Hildach*  
 "Spring" ..... }  
 "Soft Footed Snow" ..... *Sigurd Lie*  
 "Sea Wrack" ..... *Hamilton Harty (1)*  
 String Quartet.  
 Quartet in F, Op. 18, No. 1 ... *Beethoven*  
 Scherzo; Allegro.

- 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*  
 Royal Horticultural Society Talk. *S.B. from London.*  
 Mr. DOUGLAS KENNEDY. *S.B. from London.*  
 Local News.  
 10.5.—THE SAVOY BANDS. *S.B. from London.*  
 11.0.—Close down.

Announcer: J. C. S. Paterson.

## BOURNEMOUTH.

- 3.30-5.0.—The Orpheus Trio: H. L. Gibson (Flute), R. G. Somers (Oboe), Charles Leeson (Piano), Margot Rielli (Contralto).  
 Talk to Women: Allan Franklin on "Music." Earnest Eady (Baritone).  
 5.0-6.0.—CHILDREN'S CORNER.  
 6.0-6.30.—Scholars' Half-Hour: Miss A. Grey on "The Queen's Dolls' House."  
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
 Mr. HARTLEY WITHERS. *S.B. from London.*  
 Local News.  
 7.30-8.0.—Interval.

### Municipal Orchestra Night.

- 8.0 THE BOURNEMOUTH MUNICIPAL ORCHESTRA.  
 Relayed from the Winter Gardens.  
 Conductor, Sir DAN GODFREY.  
 March, "Victoria" ..... *Blon*  
 Overture, "The Merry Wives of Windsor" ..... *Nicolai*  
 Oriental Dances.  
 (a) "The Golden Handed God" *Bartock*  
 Orchestral Interlude ..... *A. W. Finden*  
 (b) "At Belsazar's Festival" ..... *Sibelius*  
 ROBERT EASTON.  
 Selected.  
 Orchestra.  
 Concert Waltz, "The Magic of Love" ..... *Vanis*

### Oriental Dances.

- (a) "Egyptian Temple Dance" ..... *Verdi*  
 Orchestral Interlude, "Moment Musical" ..... *Verdi*  
 (b) Intermezzo.  
 Orchestral Interlude, "Hindoo Song" ..... *Rinsky-Korsakov*  
 (c) "Dance of Isis" ..... *Indian Music*  
 Orchestra.  
 Selection, "Aida" ..... *Verdi*  
 9.0-9.10.—Interval.  
 9.10. Orchestra.  
 Suite, "Neapolitan Scenes" ..... *Messnet*  
 Oriental Dances.  
 (a) "The Coral Tree" ..... *Lahusen*  
 Orchestral Interlude, "Träumerei" ..... *Schumann*  
 (b) Arabesque ..... *Indian Music*  
 Robert Easton.  
 Selected.  
 Orchestra.  
 9.30. "Two Indian Pictures" ..... *Hansen Lotter*  
 Oriental Dances.  
 (a) "Mask Dance" ..... *Bartels*  
 Orchestral Interlude, Intermezzo ... *Haines*  
 (b) "Desert Dance" ..... *Indian Music*  
 Orchestra.  
 "Fête Bohème" ("Scènes Pittoresques") ..... *Messnet (15)*  
 10.0.—WEATHER FORECAST and NEWS.  
 Local News.  
 10.15.—THE SAVOY BANDS. *S.B. from London.*  
 11.0.—Close down.  
 Announcer: John H. Raymond.

## CARDIFF.

- 3.0-4.0.—Falkman and his Orchestra, relayed from the Capitol Cinema.  
 5.0-5.45.—"SWA'S" "FIVE O'CLOCKS": The Station Orchestra. Talks to Women.  
 5.45-6.30.—CHILDREN'S CORNER.  
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
 Mr. HARTLEY WITHERS. *S.B. from London.*  
 Local News.  
 7.30. GEORGE PARKER (Baritone).  
 GRACE DANIELS (Entertainer).  
 THE STATION ORCHESTRA.  
 Conductor, WARWICK BRAITHWAITE.  
 Orchestra.  
 Overture in C ..... *Mendelssohn*  
 Selection, "Cairo" ..... *Fletcher*  
 George Parker.  
 "Y'll Sail Upon the Dogstar" ... *Purcell*  
 "There is a Lady" ... *C. H. H. Parry (11)*  
 "To Anthes" ..... *J. L. Hatton*  
 "Simon the Cellarer" ..... *J. L. Hatton*  
 Grace Daniels.  
 Songs at the Piano.  
 Orchestra.  
 "Three Irish Pictures" ..... *Ansell*  
 Lt. Col. R. H. COLLIER, D.S.O., on "The Motor Show and After."  
 Orchestra.  
 Pastorale and Torch Dance ..... *Thomas*  
 George Parker.  
 "The Old Plaid Shawl" ... *Haynes (11)*  
 "She Is Far From The Land" ... *Lambert*  
 "I Have Twelve Oxen" ..... *John Ireland*  
 Grace Daniels.  
 Songs at the Piano.  
 Orchestra.  
 "Two Little Dances" ..... *Finch*  
 March, "War in the Air" ..... *Olsen*  
 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*  
 Royal Horticultural Society Talk. *S.B. from London.*  
 Mr. DOUGLAS KENNEDY. *S.B. from London.*  
 Local News.  
 10.5.—THE SAVOY BANDS. *S.B. from London.*  
 11.0.—Close down.  
 Announcer: C. K. Parsons.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 205.

# WIRELESS PROGRAMME—WEDNESDAY (Oct. 29th.)

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

## MANCHESTER.

- 3.0-3.30.—Music relayed from the Piccadilly Picture Theatre.  
 3.30-3.55.—Broadcast for Schools.  
 4.0-4.30.—Howard Jones (Pianoforte Recital).  
 4.30-5.0.—WOMEN'S HALF-HOUR: Eva Milner (Contralto).  
 5.0-6.0.—CHILDREN'S CORNER.  
 6.30-6.55.—Mr. H. G. Hiller on "Gesso Decoration."  
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
 Mr. HARTLEY WITHERS. *S.B. from London.* Local News.

### Grand Opera.

#### "THE MAGIC FLUTE" (Mozart).

Cast:

- Pamina ..... NELL DAVIS  
 Papagena ..... LYDIA STEAFEL  
 Queen of the Night ..... LILY ALLAN  
 Tamino ..... FRANK TAYLOR  
 Sarastro ..... HERBERT RUDDOCK  
 Papageno ..... LEE THISTLETHWAITE  
 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*  
 Royal Horticultural Society Talk. *S.B. from London.*  
 Mr. DOUGLAS KENNEDY. *S.B. from London.* Local News.  
 10.5.—THE SAVOY BANDS. *S.B. from London.*  
 11.0.—Close down.  
 Announcer: T. O. Beacheroff.

## NEWCASTLE.

- 3.45-4.45.—Muriel Walker (Contralto). The Station Light Orchestra: Conductor, Edward Clark.  
 4.45-5.15.—WOMEN'S HALF-HOUR: Miss Elspeth Latham, B.A., on a "A French Family." Isabel Spence (Soprano).  
 5.15-6.0.—CHILDREN'S CORNER.  
 6.0-6.30.—Scholars' Half-Hour.  
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
 Mr. HARTLEY WITHERS. *S.B. from London.* Local News.  
 ELSIE SUDDABY (Soprano).  
 REGINALD WHITEHEAD (Bass).  
 ROBERT BAULKS (Solo Clarinet).  
 RALPH BAULKS (Solo Flute).  
 THE STATION ORCHESTRA.  
 Conductor, EDWARD CLARK.  
 7.30  
 Orchestra.  
 Overture, "Ten Girls and Not a Single Man" ..... *Suppé*  
 "The Beautiful Blue Danube" ..... *Strauss*  
 7.45.  
 Elsie Suddaby.  
 "Sea Wrack" ..... *Harty (1)*  
 "Brittany" ..... *Bullock*  
 "My Heart is Like a Singing Bird" ..... *Parry (11)*  
 7.55.  
 Ralph Baulks.  
 "Souvenirs Napolitains" ..... *Poggi*  
 8.5.  
 Reginald Whitehead.  
 Recit. and Aria, "I Rage, I Melt, I Burn" ("Acis and Galatea") ..... *Handel*  
 Aria, "O Ruddier Than the Cherry" ("Acis and Galatea") ..... *Handel*  
 "Love, Could I Only Tell Thee" ..... *Capel*  
 "The Sword of Ferrara" ..... *Bullard*  
 8.15.  
 Orchestra.  
 Dance Movements from "The Fairy Queen" ..... *Purcell, ed. C. B. Rootham (2)*  
 "Plaisir d'Amour" ..... *Martini*  
 8.30.  
 Elsie Suddaby.  
 "The Love-Wandering" ..... *Kennedy-Fraser (1)*  
 "An Eriakay Love Lilt" ..... *Kennedy-Fraser (1)*  
 "Morning Hymn" ..... *Henschel*  
 "Fair House of Joy" ..... *Quilter (1)*  
 8.45.  
 Robert Baulks.  
 Fantaisie on "Rigoletto" ..... *Ferdi*

- 8.55.  
 Reginald Whitehead.  
 "An Irish Love Song" ..... *Needham (31)*  
 "Tyrannic Love" ..... *Handel*  
 "Ye Verdant Hills" ..... *Handel*  
 "Le Cor" ..... *Flégier*  
 9.5.  
 Orchestra.  
 "Petite Suite" ..... *Debussy*  
 (1) En Bateau; (2) Cortège; (3) Menuet; (4) Ballet.  
 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*  
 Royal Horticultural Society Talk. *S.B. from London.*  
 Mr. DOUGLAS KENNEDY. *S.B. from London.* Local News.  
 10.5.—THE SAVOY BANDS. *S.B. from London.*  
 11.0.—Close down.  
 Announcer: W. M. Shewen.

## ABERDEEN.

- 3.30-5.20.—Concert: Feminine Topics. Mrs. M. M. Watson, M.A., on "Camping in India." James Ferguson (Baritone). The Wireless Orchestra.  
 5.30-6.0.—CHILDREN'S CORNER.  
 6.40-6.55.—Mr. W. H. BRUFOLD, M.A.: Third Lecture on German.  
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
 Mr. HARTLEY WITHERS. *S.B. from London.* Local News.  
 7.30.  
 "HUGH THE DROVER."  
 Played by the British National Opera Company, relayed from Edinburgh.  
 MARY TOPP (Soprano).  
 LITTLE PEDDIESON (Tenor).  
 ROBERT WATSON (Baritone).  
 THE WIRELESS ORCHESTRA.  
 8.30.  
 Orchestra.  
 "The Call of the Sun" ..... }  
 "The Dance of the Silver Pool" ..... } ..... *Finck*  
 "Only a Rose" ..... }  
 "Kingfisher Blue" ..... } ..... *Finden (1)*  
 8.40.  
 Mary Topp.  
 "The Nightingale" ..... *Kjerulf*  
 "The Swallows" ..... *Cowen (1)*  
 8.50.  
 Liddle Peddieson.  
 "To a Wild Rose" ..... *McDowell (4)*  
 "If you Were the Opening Rose" ..... *Hewitt (31)*  
 9.0.  
 Robert Watson.  
 "Songs of the Open Country" ..... *Easthope Martin (5)*  
 9.10. WILLIAM HARKINS and BURNETT FARQUHAR.  
 Duet for Flute and Clarinet, "Lo! Here the Gentle Lark" ..... *Bishop*  
 9.15.  
 Mary Topp.  
 "Blackbird's Song" ..... *Cyril Scott (4)*  
 "Sing, Joyous Bird" ..... *M. Phillips*

## IMPORTANT TO READERS.

LETTERS FOR THE EDITOR should be addressed to "The Radio Times," 8-11, Southampton Street, Strand, W.C.2.

LETTERS FOR THE B.B.C., containing programme suggestions or criticisms, should be sent to the Organiser of Programmes, 2, Savoy Hill, W.C.2.

RATES OF SUBSCRIPTION to "The Radio Times" (including postage): TWELVE MONTHS (Foreign), 15s. 8d.; TWELVE MONTHS (British), 13s. 6d.

### CHAPPELL and WEBER

pianos are in use at the various stations of the B.B.C.

- 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*  
 Royal Horticultural Society Talk. *S.B. from London.*  
 Mr. DOUGLAS KENNEDY. *S.B. from London.* Local News.  
 10.5.  
 Robert Watson.  
 "Songs of a Roving Celt" ..... *Stanford (5)*  
 10.15.  
 Orchestra.  
 "Bird Scene" ..... *Taylor*  
 "O! Lovely May" ..... *Strauss*  
 "Murmuring Breeze" ..... *Jenson*  
 "The Lake of Shadows" ..... *Paul*  
 10.25.  
 Liddle Peddieson.  
 "The Rose Enslaves the Nightingale" ..... *Rimsky-Korsakov*  
 "To Daisies" ..... *Quilter (1)*  
 10.35.—THE SAVOY BANDS. *S.B. from London.*  
 11.0.—Close down.  
 Announcer: H. J. McKee.

## GLASGOW.

- 3.30-4.0.—Broadcast to Schools: Talks on Literature and Music. The Wireless Quartet.  
 4.0-5.0.—The Wireless Quartet. Emmeline Faulin (Solo Pianoforte). Mr. Levine on "Millinery at Home."  
 5.15-6.0.—CHILDREN'S CORNER: Singing Lesson by Auntie Cyclone, assisted by Tinkle Bell.  
 6.0-6.5.—Weather Forecast for Farmers.  
 6.40-6.55.—Mrs. Jamieson on "Yachting."  
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
 Mr. HARTLEY WITHERS. *S.B. from London.* Local News.  
 7.30.—D. MILLAR CRAIG on "The History of Opera."  
**Night in Spain.**  
 THE STATION ORCHESTRA.  
 Conducted by  
 HERBERT A. CARRUTHERS.  
 JOSEPHINE MACPHERSON (Mezzo-Soprano).  
 FRANK PHILLIP (Baritone).  
 Orchestra.  
 7.45.  
 Overture, "Carmen" ..... *Bizet*  
 Frank Phillip.  
 7.55.  
 "The Song of the Toreador" ("Carmen") ..... *Bizet*  
 "The Stars" ..... *M. Phillips*  
 "Don Juan's Serenade" ..... *Tchaikovsky (1)*  
 8.5.  
 Orchestra.  
 Spanish Dances ..... *Moszkowski*  
 8.20.  
 Josephine MacPherson.  
 "Seguidilla" ..... ("Carmen") ..... *Bizet*  
 "Love the Vagrant" ..... *Bizet*  
 8.30.  
 Orchestra.  
 "Sevillana" ("Scènes Espagnoles") ..... *Elgar*  
 8.40.  
 Personalities.  
 Frank Phillip.  
 8.55.  
 "Drinking Song" ("Don Giovanni") ..... *Mozart (11)*  
 "Serenade" ..... *Schubert*  
 "Farewell Toast" ..... *Schumann*  
 9.5.  
 Orchestra.  
 "Spanish Ballet" ..... *Désormes*  
 9.20.  
 Josephine MacPherson.  
 "Close by the Ramparts of Seville" ..... *Bizet*  
 Traditional Pyrenean Melodies.  
 "When the Matadors are Fighting" ..... *Middlemore*  
 "Serenata" ..... *Middlemore*  
 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*  
 Royal Horticultural Society Talk. *S.B. from London.*  
 Mr. DOUGLAS KENNEDY. *S.B. from London.* Local News.  
 10.5.—THE SAVOY BANDS. *S.B. from London.*  
 11.0.—Close down.  
 Announcer: R. Elliot Kingsley.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 205.

# THE CHILDREN'S CORNER, CONDUCTED BY THE AUNTS AND UNCLES.

## Some Wonders of the Ant World.

**H**ULLO, children!

Have you ever watched an ant-hill and wondered at the thousands of busy little ants? Whether you have, or whether you have not done so, you will certainly like this talk, which is by John A. Hamilton.

If you were asked which creature in the world you thought the wisest, probably you would answer that man is. If you were asked which animal you think second to man in intelligence, what would you say? Should you name the dog, or the horse, or the elephant? Lord Avebury, who is a great authority, gives his voice for the ant, and a number of wise and learned men agree with him. There are even some men who are inclined to believe that the ant is the most intelligent creature in the world, and to think that if ants were as big as sheep they would be the masters of the earth and of mankind.

### Big Homes for Tiny Tenants.

Does it not make the world rather strange to you to think that the little red, or black, or yellow insects which are so numerous in gardens, fields, and woods are superior to the dog, the horse, or the elephant in thinking power? Perhaps you would like to know some of the facts which show the intelligence of the ants. I can give you only a few of the facts, and not the most striking facts either, but I may set you in the way of learning more.

You have happened to break into an ant-hill or a nest of ants with your spade or foot; you have broken into a great home. If it was an ant-hill, you must have wondered that creatures so small could build such a vast home, and if you had patience to examine the structure, you

found there were corridors and passages, upper chambers and lower chambers, all planned just as men plan a palace, a hospital, or a cathedral. We are proud of our great buildings, but in some respects the ants surpass us in the art of building.

Why do they make such buildings? Mainly for the sake of their children and young people, who are very helpless for a long time; they need to be protected from enemies, and to be fed and kept clean as our babies do. And it is important that they should be kept in an even temperature, not too hot and not too cold; so they are carried now upstairs to enjoy the warmth, and now downstairs out of the cold, according to the time of day and the state of the weather.

### Farmers and Road-Makers.

We human creatures have not known very long how important it is that we should take care in this matter, but the ants have known it for ages, and acted on their knowledge.

One of the clever things which man has learned to do is to tame and keep animals for his use, and the ants have learned to do the same. They keep cows for their milk—the aphides, whose milk we call honey-dew, and not only these, but many other creatures for purposes which we have not yet discovered. It is probable that the ants have a larger number of domestic animals than we have.

They are farmers, too. One kind of ants clears ten to twelve feet of ground in the neighbourhood of their hill, allowing only what is known as ant-rice and a grass, which we might call ant-corn, to grow there; and when the rice and corn are ripe they harvest and store their crops. Some men who are worthy of credit

believe that the ants sow their fields; but it is quite certain that they weed and reap them.

These are but a few facts about ants. They make roads and bridges; they plan and carry out warlike expeditions, and fight battles. I am not sure whether a creature as much bigger than we, as we are bigger than the ants, would detect as many proofs of intelligence in us as we may see, by patient watching, in them, and those who have considered the ways of ants believe that they have slowly and gradually attained what we may rightly call their civilization.

But the most wonderful fact about them is that they have learned to love their neighbours as themselves and their duty more than their life. You may see something of that when you happen to disturb a hill or a nest; the ants don't rush off to find safety for themselves, but give their minds to saving the helpless young of their community.

### Public Duty First.

Every ant picks up one of the babies and carries it away out of danger, and as soon as it has placed one in security, it returns to fetch another. An ant whose body was broken almost in two has been watched at this work, and she carried ten young ones to safety before she fell down and died.

Among the ants, so far as we can see, there is no greed, no selfishness, no striving to be superior to another. Public duty comes before private advantage. You have heard of Sir Thomas More's "Utopia," the book in which he describes a perfectly ordered kingdom, in which all the people are virtuous and do their utmost to promote the welfare of all? Every ant-hill is such a Utopia.

## SABO AND THE LIMPET.

By E. W. LEWIS.



**S**ABO sat among the rocks by the sea. Among the rocks were many small pools and by the side of one of these Sabo sat for a long time. The warm sun, and the sound of the sea which was now quite a long way off, made him feel drowsy, and he would have fallen asleep, had it not been for a young snail whose antics

were highly entertaining.

Perhaps it is wrong to call him a snail. He may have been a winkle. He was small, about the size of a marble, and his shell was of a most beautiful colour.

What made him so interesting was that he was on the move. All the other creatures, in and near the pool, were evidently fast asleep. The tufts of blue mussels, the limpets on the rock-face, the snails in shells of different shapes, some lying at the bottom of the pool and others clinging to the stone in the dry, all were asleep. They never stirred. And there were several which looked as if they might have been bright maroon-coloured pebbles wedged in the crevices, but when you touched them, you found that

they were soft like jelly-fishes, and you couldn't pull them loose, for they were holding on tight to the rock. The only moving thing in the pool was a small snail.

And it was moving very quickly for a snail. It climbed up the smooth side of the pool, and crawled out on to a narrow finger of rock which jutted out over the pool like a diving-board over a swimming-bath. Indeed, it was the snail's diving-board; for, as Sabo watched him, he crawled as fast as he could to the tip of the rock-finger, and dropped with a splash into the pool below. Then he scrambled out of the water and did the same trick over again.

"What fun!" said Sabo.

"It is!" replied the snail.

"Does this funny-looking chap dive as well?" Sabo asked, pointing to a limpet which was stuck on the face of the rock.

"I never saw him do it," said the snail.

"And I never saw him do anything at all!" said Sabo, laughing. "Does he ever move?"

"Not often," said the snail.

"How does he get anything to eat?"

"Oh, he just lifts himself," the snail explained, "just lifts himself up the least little bit when the tide is running in, and lets the water flow over the floor he lives on, and he picks up whatever happens to be passing.

"What a life!" cried Sabo. "I wish we could make him dive! What fun it would be!" and, stretching his leg down a little, Sabo tickled the limpet with his toe.

The limpet was fearfully annoyed, but he did not show it. It was as if he hadn't heard.

Unfortunately, however, Sabo left his foot dangling quite near to the limpet, and, suddenly, he felt that something had caught him. Looking down, he saw that the limpet had slyly opened a little space at one side of his shell, and had

got him by one of his woolly toes. Sabo tugged, but the more he tugged, the tighter the limpet gripped him.

The limpet would neither be bullied nor would he be coaxed. Sabo was in a tight fix. There was no getting away from that! What would happen when the tide came in! He began to be frightened and was extremely sorry for himself. Then the snail said to him in a whisper: "Keep perfectly still, and I'll see what can be done."

So Sabo stopped tugging and twisting, and the snail dropped into the pool, and spoke to several other snails, and they all began shaking their heads and moving about on the floor of the pool hither and thither. At last, they came to a mussel-shell which was lying there. The old mussel must have died, and left his shell behind him, and this was half of it. It was a big shell. They got their shoulders under it, and carried it across the pool, and slowly pushed it up out of the water.

Then they rested a little. Then they started to move again. They went slantwise up the face of the rock, very slowly, until they had brought their heavy burden just over where the limpet was. Then, very cleverly, they tilted it at one end, and the water began to trickle down over the limpet.

Very slowly at first, and then faster, the snails poured the water out over him. The limpet thought that the tide was coming in. It was time for his dinner. What dainties would the tide bring him this time? He roused himself, and raised his shell.

Sabo gave a mighty tug! So mighty that, because his toe was now quite free, and there wasn't really any reason to tug at all, he fell over on his back, and nearly rolled into the pool himself!



# WIRELESS PROGRAMME—THURSDAY (Oct. 30th.)

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

## LONDON.

- 1.0-2.0.—Time Signal from Greenwich. The Week's Concert of New Gramophone Records.
- 3.15-3.45.—Talk to Schools: Prof. A. J. IRELAND on "Lives of Great Men."
- 4.0-5.0.—Time Signal from Greenwich. Concert: The "ZLO" Trio and Bertram Ross (Tenor). A Talk on Fashion. "Careers for Women: House Property Management," by F. J. Lansdown.
- 5.30-6.15.—CHILDREN'S CORNER: "The Pancake," by P. Christian Asbjornsen. "Round the Islands of Great Britain—The Scilly Isles," Auntie Hilda at the Piano. L. G. M. of the *Daily Mail*.
- 6.40.—Mr. E. Le Breton Martin on "Familiar Misquotations."
- 7.0.—TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*  
Talk by the Radio Society of Great Britain. *S.B. to all Stations.*  
FRENCH TALK under the auspices of L'Institut Français. *S.B. to all Stations.* Local News.
- 7.30.—All Stations Programme. (For particulars see centre column.)
- 9.30.—TIME SIGNAL FROM GREENWICH. WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN. *S.B. to all Stations.*  
Topical Talk.  
Local News.
- 10.0.—All Stations Programme (Continued).
- 10.30.—Close down.  
Announcer: J. S. Dodgson.

## BIRMINGHAM.

- 3.30-4.30.—The Station Piano Quintet. George Parker (Baritone).
- 5.0-5.30.—WOMEN'S CORNER: E. R. Winnall, B.Com., A Chat on Economics.
- 5.30-6.30.—CHILDREN'S CORNER.
- 6.30-6.45.—"Teens' Corner: Mabel France, "My First Post."
- 7.0-10.30.—*The entire Programme S.B. from London.*  
Announcer: J. C. S. Paterson.

## BOURNEMOUTH.

- 3.30-5.0.—The "6BM" Trio: Reginald S. Mouat (Violin), Thomas E. Hingworth (Cello), Arthur Marston (Piano). Talk to Women: Angela Cave on "Current and Contemporary Literature."
- 5.0-6.0.—CHILDREN'S CORNER.
- 6.0-6.30.—Scholars' Half-Hour: G. Guest, B.A., J.P., on "William Caxton as a Social Reformer."
- 6.30-6.55.—Farmers' Corner: Time Signal, Farmers' Weather Report. Col. R. E. Cecil, D.S.O., on "The New Forest Pony."
- 7.0-10.30.—*The entire Programme S.B. from London.*  
Announcer: John H. Raymond.

## CARDIFF.

- 3.0-4.30. THE STATION ORCHESTRA. Conductor, WARWICK BRAITHWAITE. ROBERT PITT and LANGTON MARKS (Entertainers).  
Orchestra.  
Overture, "Egmont" ..... *Beethoven*  
"Prelude à l'Après-midi-d'un Faune" ..... *Debussy*  
Robert Pitt and Langton Marks, in "Duets Up-to-Date."  
Orchestra.  
"Souvenir de Printemps" .. *Holbrooke* (11)  
"Cantilène" ..... *York Bowen*  
Robert Pitt and Langton Marks, in "More Duets Up-to-Date."

## ALL STATIONS PROGRAMME (except Belfast).

7.30-8.20.

### An Hour With John Masfield.

Relayed from London.  
Introduced and Conducted by  
LAURENCE BINYON.

Notable passages from Masfield's poetical and prose works, including "Dauber," "Gallipoli," "The Everlasting Mercy," "Right Royal," will be recited by IRENE SADLER and CYRIL ESTCOURT. Masfield lyrics, set to music by John Ireland, Peter Warlock, D. M. Stewart, and other composers, will be sung by HAROLD WILLIAMS.  
Appropriate instrumental music by the "ZLO" OCTET, under the direction of S. KNEALE KELLEY.

8.20-9.30.

### Part of HALLE CONCERT.

Relayed from the Free Trade Hall, Manchester.

Conductor: HAMILTON HARTY.  
Symphonie Espagnole ..... *Lalo*  
"Brigg Fair" ..... *Delius*  
Violin Solos.  
Overture, "Prince Igor" ..... *Borodin*

10.0-10.30.

"MY ADVENTURE ON DARTMOOR,"  
by  
A. J. ALAN.  
Relayed from London.

## KEY LIST OF MUSIC PUBLISHERS.

- Boosey and Co.
- Curwen, J., and Sons, Ltd.
- Herman Darewski Music Publishing Co.
- Elkin and Co., Ltd.
- Enoch and Sons.
- Feldman, B., and Co.
- Francis, Day and Hunter.
- Larway, J. H.
- Lawrence Wright Music Co.
- Cecil Lennox and Co.
- Novello and Co., Ltd.
- Phillips and Page.
- Reynolds and Co.
- Stainer and Bell, Ltd.
- Williams, Joseph, Ltd.
- Cavendish Music Co.
- The Anglo-French Music Company, Ltd.
- Beal, Stuttard and Co., Ltd.
- Dix, Ltd.
- W. Paxton and Co., Ltd.
- Warren and Phillips.
- Reeder and Walsh.
- West's, Ltd.
- Forsyth Bros., Ltd.
- Messrs. Payley and Ferguson.
- Messrs. Larcine and Co., Ltd.
- Duff, Stewart and Co., Ltd.
- Wilford, Ltd.
- Dolart and Co.
- John Blackburn, Ltd.
- Keith Prowse and Co., Ltd.
- Worton David, Ltd.
- A. J. Stasney Music Co., Ltd.

[On page 100 (Bournemouth Programme), in our issue dated October 10th, we gave the incorrect indication number of the publishers of "In Summertime on Bridon" (Graham Peel). This work is published by Messrs. Chappell and Co., Ltd., 60, New Bond Street, W.1.]

## Orchestra.

Symphonic Poem, "Phaeton" *Saint-Saens*  
"Gopak" ..... *Moussorgsky*  
Robert Pitt and Langton Marks, in "Duets Topical and Tropical."

## Orchestra.

Romance and Two Dances from "The Conqueror" ..... *German*  
5.0-5.45.—"5WA'S" "FIVE O'CLOCKS": Mr. Isaac J. Williams, Keeper of Art, The National Museum of Wales. Mr. Arthur Short, Deputy Camp Chief, will talk to Boy Scouts. Vocal and Instrumental Artists.

5.45-6.30.—CHILDREN'S CORNER.  
7.0-10.30.—*The entire Programme S.B. from London.*

Announcer: A. H. Goddard.

## MANCHESTER.

- 11.30-12.30.—Concert by the "ZY" Quartet.
- 4.30-5.0.—WOMEN'S HALF-HOUR: Miss Elsie Underwood, "The Students' World." Nellie Williams (Mezzo-Soprano).
- 5.0-6.0.—CHILDREN'S CORNER.
- 6.30-6.50.—Boy Scouts' Local News Bulletin. Mr. Edward Cressy: "The Engineer in Adventure—(10). The Romance of the Chenab Canal."  
Announcer: Victor Smythe.
- 7.0-10.30.—*The entire Programme S.B. from London.*
- 10.30.—Mr. W. F. BLETCHER, Examiner in Spanish to the U.L.C.I., Spanish Talk.
- 11.0.—Close down.  
Announcer: H. B. Brenan.

## NEWCASTLE.

- 3.45-4.45.—Beatrice Evoline (Solo Cello), E. F. Mackenzie (Soprano), Jack Kelly (Baritone).
- 4.45-5.15.—WOMEN'S HALF-HOUR: Jennie English, B.A., on "Imagination in Children."
- 5.15-6.0.—CHILDREN'S CORNER.
- 6.0-6.30.—Scholars' Half-Hour.
- 7.0-10.30.—*The entire Programme S.B. from London.*  
Announcer: W. M. Shewen.

## ABERDEEN.

- 3.30-5.0.—Popular Afternoon: The Wireless Quartet. Hamish Craigie (Tenor). Feminine Topics.
- 5.15-6.0.—CHILDREN'S CORNER: Highland Tales and Tunes.
- 6.30-6.35.—Boys' Brigade News Bulletin.
- 7.0-10.30.—*The entire Programme S.B. from London.*  
Announcer: A. M. Shinnie.

## GLASGOW.

- 3.30-5.0.—The Wireless Quartet. John Huntington (Baritone). William Carswell on "Physical Culture."
- 5.15-6.0.—CHILDREN'S CORNER: Weekly Stamp Chat by Uncle Phil. Remember that prizes of stamps are sent for the most interesting letters received each week.
- 6.0-6.5.—Weather Forecast for Farmers.
- 7.0-9.40.—*Programme S.B. from London.*
- 9.40.—Mr. CAMPBELL MACKIE, of the Glasgow School of Art, on "Etchings." Local News.
- 10.0-10.30.—*Programme S.B. from London.*  
Announcer: Mungo M. Dewar.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on this page.

# WIRELESS PROGRAMME—FRIDAY (Oct. 31st.)

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

## LONDON.

- 1.0-2.0.—Time Signal from Greenwich. Concert: The "2LO" Trio and Jennie Bleasdale (Soprano).
- 3.15-3.45.—Talk to Schools: Lecture on "French," under the auspices of L'Institut Français.
- 4.0-5.0.—Time Signal from Greenwich. Concert: Ethel Bonavia (Solo Pianoforte). Miss Ruby Ayres interviewed in the London Studio by Agnes Miall. "Scandal Mongers," by "The Barrister-at-Law." Organ Music relayed from Shepherd's Bush Pavilion.
- 5.30-6.15.—CHILDREN'S CORNER: Auntie Marie's Stories from France. Songs by Mary Gillman (Mezzo-Soprano). Uncle Jack Frost's Wireless Yarn.
- 6.40-6.50.—Ministry of Agriculture's Fortnightly Bulletin. *S.B. to other Stations.*
- 7.0.—TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*  
PERCY SCHOLES (the B.B.C. Music Critic). *S.B. to all Stations.*  
Local News.
- "Ballowe'cn."  
CARMEN HILL (Mezzo-Soprano).  
HECTOR GORDON, The Canny Scot.  
THE LONDON SCOTTISH CHOIR.  
Conductor, J. D. M. Hodge.  
THE WIRELESS ORCHESTRA:  
Conducted by DAN GODFREY, Junr.
- 7.30.—March, "The London Scottish" *Haines* Waltz, "Belmoral" ..... *Lottor*  
Hector Gordon Entertaining.  
Mezzo-Soprano Songs.  
"Ye Banks and Braes."  
"The Auld Hoose."  
"Comin' Thro' the Rye."  
The Orchestra.  
Keltic Suite ..... *Foulds*  
The Choir.  
"Scots Wha Hae" ..... *Burns*  
"My Nannie's Awa'" *Burns, arr. Seligmann*  
"Kirkconnel Lea" ..... *arr. T. Richardson*  
"Cuddle Doon" ..... *H. S. Robertson (2)*  
"Jonnie Cops" ..... *arr. J. Bell*  
Hector Gordon Entertaining.  
The Orchestra.  
Three Dances, "The Little Minister"  
*Mackenzie (11)*  
Mezzo-Soprano Songs.  
"Robin Adair."  
"Aye Wauking O!"  
"There's Nae Luck About the Hoose."  
"Jock o' Hazeldean."  
The Orchestra.  
Overture, "The Land of the Mountains and Flood" ..... *MacCunn (11)*  
The Choir.  
"Annie Laurie" ..... *arr. J. B. Shaw*  
(Founder and Conductor, 1888-1921.)  
"The Hundred Pipers" .. *arr. W. Roddie*  
"An Eriskay Love Lilt"  
*arr. H. S. Robertson (2)*  
"O Can Ye Sew Cushions?"  
*arr. Bantock (11)*  
"Scotland Yet" ..... *arr. J. Bell*
- 9.30.—TIME SIGNAL FROM GREENWICH. WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN. *S.B. to all Stations.*  
"The Home Office and Its Children." *S.B. to all Stations.*  
Local News.
- 10.0. The Orchestra.  
Three Scottish Dances. *Waugh Wright (1)*  
Patrol, "The Wee Macgregor" ..... *Amers*  
Selection of Scotch Airs, "The Thistle"  
*Myddleton*
- 10.30.—Close down.  
Announcer: R. F. Palmer.

## BIRMINGHAM.

- 3.30-4.30.—Lozells Picture House Orchestra.
- 5.0-5.30.—WOMEN'S CORNER: Estelle Steel-Harper—"Ivories." Elsie Wilson (Soprano).
- 5.30-6.30.—CHILDREN'S CORNER.
- 6.30-6.40.—Teens' Corner: Graham Squiers on "Business Terms and Phrases."
- 6.40-6.50.—Ministry of Agriculture Talk. *S.B. from London.*
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
PERCY SCHOLES. *S.B. from London.*  
Local News.
- Mirth, Music and Merriment.
- 7.30.—THE PACK OF CARDS CONCERT PARTY.  
Directed by J. HORACE POTTER.  
ROBERT PITT and LANGTON MARKS (Entertainers at the Piano).  
AERBUT PAERKS (A Character Study).  
The Pack of Cards.  
"Hello, Everybody" .... *Potter and Jukes*  
"An Interruption" ... *Potter and Jukes*  
The Ace of Hearts sings "The Sun God"  
*James*  
"Three Ambulance Men" *Potter and Jukes*  
"Spare a Little Love" for the Ace of Spades ..... *Gideon (7)*  
The Joker tells "The Steamroller Man's Story" ..... (13)  
Some Perverted Nursery Rhymes  
*Potter and Jukes*
- 8.0.—Aerbut Paerks has a few words to say.
- 8.15. An Interlude.  
"Duets Up-to-Date."
- 8.30. The Pack of Cards.  
Now for a few "Occurrences"  
*Potter and Jukes*  
"The Smile of Spring," sung by the Queen of Hearts ..... *Fletcher (11)*  
The Ace of Clubs is "Just Going to Sing a Song" ..... *Potter and Jukes*  
The Ace of Diamonds and a Piano.  
Some Brief Hints on "Selmanism"  
*Potter and Jukes*  
"The Earwig's Tragedy," a Vocal Duet  
*Potter and Jukes*  
The Joker and "The Knob on the Bathroom Door" ..... *East (7)*  
Look out for "The Highwayman"  
*Potter and Jukes*  
Listen to the "Havana Band"  
*Hamilton (27)*  
We Conclude with some Personal "Limericks" ..... *Potter and Jukes*
- 9.15. Conclusion.  
Duets Topical and Tropical.
- 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*  
Talk by the Home Office. *S.B. from London.*  
Local News.
- 10.0.—MURRAY'S RIVER DANCE BAND playing at the Dance of the 5th Batt. The Royal Warwickshire Regiment. Relayed from the Grand Hotel.
- 12.0.—Close down.  
Announcer: J. C. S. Paterson.
- ## BOURNEMOUTH.
- 3.0-5.0.—Educational Talk. Mr. J. C. Stobart, "Ancient Popular Ballads." Gilbert Wright (Solo Cornet), Winifred Fairlie (Entertainer), W. T. O'Brian (Solo Clarinet). Talk to Women: "The Month's Events," by Anne Farnell-Watson.
- 5.0-6.0.—CHILDREN'S CORNER.
- 6.0-6.30.—Scholars' Half-Hour: Hubert Hill—Gray's Elegy.
- 6.40-6.50.—Ministry of Agriculture Talk. *S.B. from London.*
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
PERCY SCHOLES. *S.B. from London.*  
Local News.

## Merry and Bright.

- "THE MOONSTONES" CONCERT PARTY:  
VIOLET STEVENS (Comedienne),  
EDITH SKINNER (Soprano),  
EVELYN BALY (At the Piano),  
ERNEST SEWELL (Entertainer),  
JACK RICKARDS (Comedian).  
THE BOURNEMOUTH WIRELESS ORCHESTRA.  
Conducted by  
Capt. W. A. FEATHERSTONE.
- 7.30. Orchestra.  
March, "Waldmere" ..... *Lozey*  
Selection, "Mary" ..... *Hiesch*  
Overture, "John and Sam" ..... *Ansell*
- 7.50. Concert Party.  
The Company: Our Introduction, "Off We Go" ..... *J. Rickards*  
Violet Stevens: "Humorous Odds and Ends."  
The Company: A Little Nonsense, "Butting In."  
Edith Skinner: Ballad, "Wonderful Garden of Love" ..... *Kennedy Russell*  
Orchestra.
- 8.20. Selection, "The Cingalee" ..... *Monckton*  
Waltz, "One Night of Love" ..... *Joyce*  
"Two Novellettes" ..... *Ancliffe*
- 8.40. Concert Party.  
Jack Rickards: Comedy Concoction, "Paying Guests" ..... *J. Rickards*  
The Company: Topical Toasts, "Here's To—"  
..... *Lee and Weston*  
Violet Stevens: "More Odds and Ends."  
The Company: Ensemble, "Wrong Numbers" ..... *J. Rickards*
- 9.10. Orchestra.  
Selection, "The Happy Day" ..... *Rubens*  
Fantaisie ..... *Gabriel Marie*  
Selection, "The Last Waltz" ..... *Straus*
- 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*  
Talk by the Home Office. *S.B. from London.*  
Local News.
- 10.0. Concert Party.  
Edith Skinner: Ballad, "The Lass with the Delicate Air" ..... *Arne*  
Ernest Sewell and Jack Rickards: "An Interlude" ..... *J. Rickards*  
The Company: Finale, "Pyjamas"  
*J. Rickards*
- 10.30.—Close down.  
Announcer: Bertram Fryer.

## CARDIFF.

- 3.0-3.30.—Special Transmission to Schools.
- 3.30-4.0.—The Station Trio.
- 4.0-4.45.—The Carlton Orchestra, relayed from the Carlton Restaurant.
- 5.0-5.45.—"5WA'S" "FIVE O'CLOCKS":  
The Station Orchestra. Talks to Women.
- 5.45-6.30.—CHILDREN'S CORNER.
- 6.40-6.50.—Ministry of Agriculture Talk. *S.B. from London.*
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
PERCY SCHOLES. *S.B. from London.*  
Local News.
- 7.30. The Pursuit of Beauty in Speech and Music.  
SYBIL MADEN (Contralto).  
HOWARD JONES (Solo Pianoforte).  
THE STATION ORCHESTRA.  
Conductor, WARWICK BRAITHWAITE.  
Reader, DAVID MOORE.  
Orchestra.  
Selection, "Hamlet" ..... *Thomas-Tavan*  
Sybil Maden.  
"Muse of the Golden Throne"  
"Evening Song" ..... } *Bantock*  
"Hymn to Aphrodite" ..... }  
Mr. F. J. NORTH D.Sc., F.G.S., Keeper of Geology, The National Museum of Wales, on "The Story of the Earth."

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 215.

# WIRELESS PROGRAMME—FRIDAY (Oct. 31st.)

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

Howard Jones.  
 Prelude and Fugue in B Flat ..... *Bach*  
 Andante in F ..... *Beethoven*  
 Ecossaises ..... *Beethoven-D'Albert*  
 Orchestra.  
 "Three Dream Dances" *Coleridge-Taylor*  
 David Moore.  
 "Ode to Autumn" ..... *John Keats*  
 "Ode on a Grecian Urn" ..... *John Keats*  
 Howard Jones.  
 Second Arabesque ..... *Debussy*  
 Preludes ..... *Chopin*  
 Studies ..... *Chopin*  
 Sybil Maden.  
 "The Poet's Love" ..... *Schumann*  
 "The Hazel Tree" ..... *Schumann*  
 "How Like a Flower" ..... *Schubert*  
 "The Linden Tree" ..... *Schubert*  
 "The Trout" ..... *Schubert*  
 David Moore.  
 "Ode to a Nightingale" ..... *John Keats*  
 Orchestra.  
 Suite, "Green Lanes of England" *Clutsam*  
 Howard Jones.  
 "Ragamuffin" ..... *John Ireland*  
 "Waldesvauschen" ..... *List*  
 Rhapsody, No. 8 ..... *List*  
 9.30.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
 Talk by the Home Office. *S.B. from London.*  
 Local News.  
 10.0.—Dance Music.  
 10.30.—Close down.  
 Announcer: W. N. Settle.

## MANCHESTER.

12.30-1.30.—Organ Music by H. Fitzroy Page, relayed from the Piccadilly Picture Theatre.  
 2.30-3.0.—Broadcast for Schools.  
 3.30-4.30.—Concert by THE "2ZY" QUARTET. NORA DELMARR (Soprano). GEORGE PARKER (Baritone).  
 4.30-5.0.—WOMEN'S HALF-HOUR.  
 5.0-6.0.—CHILDREN'S CORNER.  
 Announcer: T. O. Beachcroft.  
 6.30-6.55.—Dr. J. E. Myers, O.B.E., "Everybody's Chemistry—(2) A Burning Question. Fire."  
 7.0.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
 PERCY SCHOLES. *S.B. from London.*  
 Local News.

7.30. **All Hallowe'en—A.D. 2024.**  
 A Dip into the Future.  
 The experiment will be tried of picking up, on a specially constructed receiving set, of Spirit Waves which are at their strongest on this one night of the year. The resulting sounds will be re-broadcast. We hope thus to introduce to our listeners some of the famous characters of history. We are to be helped in this experiment by the "2ZY" ORCHESTRA and Mr. JAMES BERNARD.  
 9.30.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
 Talk by the Home Office. *S.B. from London.*  
 Local News. Station Director's Talk.  
 10.5. THE OXFORD PICTURE THEATRE ORCHESTRA.  
 Relayed from the Oxford Picture Theatre.  
 Conductor, S. SPURGIN.  
 10.30.—Close down.  
 Announcer: Victor Smythe.

## NEWCASTLE.

3.45-4.45.—Desmond Macmahon (Solo Violin). The South Bank Quartet.  
 4.45-5.15.—WOMEN'S HALF-HOUR.  
 5.15-6.0.—CHILDREN'S CORNER.  
 6.0-6.30.—Scholars' Half-Hour.  
 6.40-6.50.—Ministry of Agriculture Talk. *S.B. from London.*  
 7.0.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
 PERCY SCHOLES. *S.B. from London.*  
 Local News.

**Musical Comedy.**  
 MAY JOBSON (Contralto).  
 GEORGE BAINBRIDGE (Baritone).  
 THE STATION ORCHESTRA.  
 Conductor, EDWARD CLARK.  
 Orchestra.  
 7.30. Selection, "The Lady of the Rose" *Gilbert*  
 May Jobson.  
 7.45. "He's a Man" ("Young England")  
*Clutsam and Bath*  
 "Bring Me a Rose" ("The Arcadians")  
 "I Like London" (*Monckton and Talbot*)  
 Orchestra.  
 7.55. "In a Persian Garden" ..... *Lehmann*  
 George Bainbridge.  
 8.5. "Jack's the Boy" ("The Geisha") *Jones*  
 "Star of My Soul" ("The Geisha") *Jones*  
 "A Bachelor Gay" ("The Maid of the Mountains") ..... *Fraser Simson*  
 8.15. May Jobson.  
 "O Peaceful England" ("Merrie England")  
*German*  
 "The Blackbird" ..... ("The Vicar of Wakefield")  
 "Honey Lies in the Comb" ..... *Lehmann*  
 Orchestra.  
 8.25. "Autumn Manoeuvres" ..... *Kalman*  
 George Bainbridge.  
 8.35. "Yo Ho, Little Girls" ("A Country Girl")  
*Monckton*  
 "Yeomen of England" ("Merrie England")  
*German*  
 Orchestra.  
 8.45. Suite Lyrique ..... *Tchaikovsky*  
 9.0. **Pianoforte Recital**  
 by IRENE SCHARER.  
 Sonata in B Flat Minor ..... *Chopin*  
 Rhapsodie No. 2 ..... *List*  
 9.30.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
 Talk by the Home Office. *S.B. from London.*  
 Local News.  
 10.0. Orchestra.  
 Introduction and Gopak from the Opera, "The Fair of Sorotchinski" *Moussorsky*  
 Intermezzo, Réverie, and Nocturne from "Petite Suite" ..... *Borodin*  
 Danse des Bouffons from "Snegourochka" *Rimsky-Korsakov*  
 10.30.—Close down.  
 Announcer: B. O. March.

## ABERDEEN.

3.30-5.0.—Classical Afternoon: John Huntington (Baritone). Feminine Topics. Beatrice Eveline (Solo Violoncello).  
 5.15-6.0.—CHILDREN'S CORNER.  
 6.40-6.50.—Ministry of Agriculture Talk. *S.B. from London.*  
 7.0.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
 PERCY SCHOLES. *S.B. from London.*  
 Local News.  
**Scottish Night.**  
 MARY CHALMERS (Soprano).  
 JENNY G. McMANN (Reciter).  
 ELDER CUNNINGHAM (Bass-Baritone).  
 WILLIAM HARKINS (Solo Clarinet).  
 THE "2BD" REPERTORY PLAYERS.  
 THE WIRELESS ORCHESTRA.  
 Orchestra.  
 7.30. "The Cobbler" ..... *Wright*  
 "The Devil's Elbow" ..... *Wright*  
 7.40. Mary Chalmers.  
 "Gala Water" ..... *arr. Macfarren*  
 "Hush-a-ba, Birdie" ..... *Bunten*  
 Elder Cunningham.  
 7.50. "Annie Laurie" ..... *Traditional*  
 "The Braes o' Balquidder" ..... *Traditional*  
 8.0. "NETTLES."  
 (John M. Smith.)  
 A Rural Scotch Comedy in One Act.  
 Cast:  
 George Henderson (Auld Geordie, Farmer of Dunnaird) ..... A. M. SHINNIE  
 Mrs. Hamilton-Henderson (his Wife)  
 CHRISTINE CROWE  
 Tibby (their Daughter and Wife of John Forsythe) ..... ELMA REID

Tom Henderson (Son of Geordie)  
 MALCOLM GORDON  
 John Forsythe (Tenant of Little Dunnaird).  
 LAURENCE WOOD  
 D. Crombie-Crabbe (Factor)  
 E. R. R. LINKLATER  
 Sir Eric Barclay-Browne, Bart.  
 G. R. HARVEY  
 Scene I.—Parlour in Farmhouse of Dunnaird  
 Scene II.—A Room at Little Dunnaird.  
 Scene III.—Estate Office of Sir Eric Barclay-Browne.  
 Arranged and Produced for Broadcast  
 by A. M. SHINNIE.  
 Jenny G. McMann.  
 9.0. "At the Select Choir's Concert" ..... *Salmond*  
 "The Deportation" ..... *Anon.*  
 9.10. Mary Chalmers.  
 "Leezie Lindsay" ..... *arr. Lawson*  
 "I'm Wearin' Awa'" ..... *arr. Foote*  
 9.20. William Harkins.  
 "Scottish Fantasia" ..... *Lazarus*  
 9.30.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
 Talk by the Home Office. *S.B. from London.*  
 Local News.  
 10.0. Elder Cunningham.  
 "Kirkeconnel Lee" ..... *Traditional*  
 "The Piper o' Dundee" ..... *Traditional*  
 "The Northern Lament" ..... *Brahe*  
 10.10. Orchestra.  
 Selection of Scotch Airs, "The Thistle"  
*Myddleton*  
 10.20. Jenny G. McMann.  
 "Wee Johnnie Paterson" ..... *Stevenson*  
 "Ma New Lum Hat" ..... *Anon.*  
 10.30.—Close down.  
 Announcer: Neil McLean.

## GLASGOW.

3.30-4.0.—Broadcast to Schools. History and French Talks. Wireless Quartet.  
 4.0-5.0.—The Wireless Quartet. Ina Ogilvie (Soprano). Miss Gunn, of Glasgow and West of Scotland College of Domestic Science, on "Savoury Supper Dishes."  
 5.15-6.0.—CHILDREN'S CORNER.  
 6.0-6.5.—Weather Forecast for Farmers.  
 6.40-6.55.—Mr. Dudley V. Howells on "Horticulture."  
 7.0.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
 PERCY SCHOLES. *S.B. from London.*  
 Local News.  
 7.30.—A Dentist will give a "Dental Talk."  
 7.45. **A Hallowe'en Party.**  
 Hallowe'en observance, to a great extent, has now fallen into disuse, but was believed by the superstitious in Scotland to be a night on which the invisible world had peculiar power. His Satanic Majesty was supposed to have great latitude allowed him on this anniversary.  
 Guisers during the evening will include MARGARET STEWART (Soprano), and AUGUSTUS BEDDIE, who will give a few of Burns' poems and stories in his usual happy and homely style.  
 A Cantata will be given by the STATION CHOIR and ORCHESTRA—"The Cottar's Saturday Night" (*Mackenzie*).  
 At 9.10 we will inaugurate the first of a series entitled "Personalities." Games, Folk-songs, Dookin', Champit Tatties. Visitor during the evening—ELSIE SUD-DABY (Soprano).  
 9.30.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
 Talk by the Home Office. *S.B. from London.*  
 Local News.  
 10.0.—Some of the Old Favourite Dances by the Station Orchestra.  
 10.30.—Party (Continued).  
 11.0.—"Auld Lang Syne."  
 Announcer: Mr. Nobody Special.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 205.

# WIRELESS PROGRAMME—SATURDAY (Nov. 1st.)

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

## LONDON.

- 4.0-5.30. Time Signal from Greenwich.  
**THE WIRELESS OCTET:**  
 Leader, S. KNEALE KELLEY.  
 QUEENIE PINDER (Entertainer).  
 THEODORE HUGHES (Baritone).  
 "The Domestic Service Problems" (2), by Princess Karadja.  
 "A Garden Chat," by Marion Cran. F.R.H.S.
- 5.30-6.15.—**CHILDREN'S CORNER:** "Great Lord Pang and the Stone Dragon," by S. M. Hills, from Blackie's Children's Annual. Children's News. Music by the Octet. Stories by Pollard Crowther.
- 6.40-6.50.—Mr. N. Hardy Wallis on "The Canterbury Tales."
- 7.0.—**TIME SIGNAL FROM BIG BEN.**  
**WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN.** S.B. to all Stations.
- Mr. A. LLOYD JAMES, Lecturer in Phonetics, University of London, on "More Facts Concerning Speech." Local News.
- 7.30. **Comic Opera and Variety.**  
 WINIFRED DAVIS (Mezzo-Soprano).  
 ALEX. M'CREIDIE (Tenor).  
**THE WRANGLERS.**  
**THE WIRELESS ORCHESTRA:**  
 Conducted by DAN GODFREY, Junr.  
 March, "High School Cadets" .... *Sousa*  
 Overture, "The Yeomen of the Guard" ..... *Sullivan*  
 Songs.  
 "O Peaceful England" ..... *Ed. German*  
 "Cleopatra's Nile" ("Chu Chin Chow") ..... *Norton* (31)  
 The Wranglers return to "2LO."  
 The Orchestra.  
 Selection, "The Beauty Prize" .... *Kern*  
 Fox-trot, "Ta Bouche" ..... *Yvain*  
 Tenor Songs.  
 "My Dreams" ..... *Tosti*  
 "My Dearest Heart" ..... *Sullivan* (1)  
 The Orchestra.  
 Selection, "San Toy" ..... *Sidney Jones*  
 Musical Comedy Songs.  
 "Under the Deodar" ("A Country Girl") ..... *Monckton*  
 "The Jewel of Asia" ("The Geisha") ..... *Sidney Jones*  
 The Orchestra.  
 Selection, "Veronique" ..... *Messenger*  
 Tenor Songs.  
 "Charming Chloë" ..... *German* (11)  
 "MacGregor's Gathering" ..... *Lee*  
 The Wranglers are still at "2LO"!  
 The Orchestra.  
 Selection of English Airs, "The Rose" ..... *Myddleton*
- 9.30.—**TIME SIGNAL FROM GREENWICH.**  
**WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN.** S.B. to all Stations.  
 Major L. R. TOSSWILL on "Rugger." S.B. to all Stations.  
 Local News.
- 10.0.—**THE SAVOY ORPHEANS AND SAVOY, HAVANA BANDS, and SELMA FOUR,** relayed from the Savoy Hotel, London. S.B. to all Stations.
- 12.0.—Close down.  
 Announcer: J. S. Dodgson.
- ## BIRMINGHAM.
- 3.30-4.30.—Children's Concert.
- 5.0-5.30.—**WOMEN'S CORNER:** O. A. Glover: Homecraft Series, No. 6, Practical Dressmaking Hints.
- 5.30-6.30.—**CHILDREN'S CORNER:** Auntie Phil and another Snooky Adventure.
- 6.30-6.45.—"Teens' Corner: Uncle Joe—Further Hints on Distinctness in Speech and Song.
- 7.0.—**WEATHER FORECAST and NEWS.** S.B. from London.

Dr. J. R. RATCLIFFE—An Appeal on behalf of the "Birmingham District Nursing Society."  
 Local News.

## Popular Programme.

- THE STATION ORCHESTRA.**  
 NORA DELMARR (Soprano).  
 Orchestra.
- 7.30. Overture, "The Merry Wives of Windsor" ..... *Nicolai*  
 Soprano Song.  
 Musetta's Song ("La Bohème") .. *Puccini*
- 7.50. Suite, "Stars of the Desert" ..... *Woodforde-Finden* (1)  
 (1) "Stars of the Desert"; (2) "You Are All That is Lovely"; (3) "The Rice Was Under Water"; (4) "Fate."
- 8.10. Soprano Aria.  
 "Ocean, Thou Mighty Monster" ("Oberon") ..... *Weber*
- 8.25. Orchestra.  
 Scotch Fantasia ..... *Stephen*
- 8.45. A Farce in One Act,  
 "NUMBER THIRTEEN" ..... *(G. Robinson).*  
 Characters in order of arrival:  
 Mrs. Greene EDNA GODFREY-TURNER  
 Smith (a Manservant) ... DONALD EDUARDES  
 Mr. Browne .... WILLIAM MACREADY  
 Mr. Greene ..... JOSEPH LEWIS
- 9.15. Orchestra.  
 Träumerei .. } ..... *Schumann*  
 Abendlied .. }
- 9.30.—**WEATHER FORECAST and NEWS.** S.B. from London.  
 Major L. R. TOSSWILL. S.B. from London.  
 Local News and Football Review.
- 10.0.—**THE SAVOY BANDS.** S.B. from London.
- 12.0.—Close down.  
 Announcer: J. C. S. Paterson.
- ## BOURNEMOUTH.
- 3.30-5.0.—Ethel Rowlands (Solo Pianoforte), Harry Jones (Baritone). Talk to Women: "Book Talk," by Jessie March. **THE ROYAL BATH HOTEL DANCE ORCHESTRA,** relayed from King's Hall Rooms. Musical Director, DAVID S. LIFF.
- 5.0-6.0.—**CHILDREN'S CORNER.**
- 6.0-6.30.—Scholars' Half-Hour: A. S. White, M.Sc., on "Coal Products."
- 6.30-6.50.—Miss A. B. Flower, F.E.S., F.R.H.S. "Talk on Bee-keeping."
- 7.0.—**WEATHER FORECAST and NEWS.** S.B. from London.  
 Mr. W. G. MITCHELL, B.Sc., F.R.A.S., on "Electricity in the Upper Air."  
 Local News.
- Sullivan and Coleridge-Taylor Night.**  
**THE WIRELESS ORCHESTRA.**  
 Conducted by  
 Capt. W. A. FEATHERSTONE.  
 JESSIE RECORD (Contralto).  
 SYDNEY COLTHAM (Tenor).  
 DOROTHY BENNETT (Soprano).  
 Orchestra.
- 7.30. Selection, "Rose of Persia" ..... *Sullivan*
- 7.40. Jessie Record.  
 "The Distant Shore" ..... *Sullivan*  
 "The Love that Loves Me Not" ..... *Sullivan* (11)
- 7.50. Sydney Coltham.  
 "Onaway, Awake, Beloved" ..... *Coleridge-Taylor* (11)  
 "Life and Death" ..... *Coleridge-Taylor*  
 (Both Items with Orchestral Accompaniment.)
- 8.0. Orchestra.  
 Incidental Music to "The Merchant of Venice" ..... *Sullivan*
- 8.10. Dorothy Bennett.  
 "You Sleep" ..... *Sullivan*  
 "Let Me Dream Again" ..... *Sullivan*  
 "Birds in the Night" ..... *Sullivan* (1)

- 8.20. Orchestra.  
 "Characteristic Waltzes" ..... *Coleridge-Taylor* (11)
- 8.30. Jessie Record.  
 "The Stars" ..... *Coleridge-Taylor* (1)  
 "Big Lady Moon" ..... *Coleridge-Taylor* (1)
- 8.35. Sydney Coltham.  
 "O Mistress Mine" ..... *Sullivan*  
 "King Henry's Song" ..... *Sullivan*
- 8.40. Dorothy Bennett.  
 "Lucy" ..... *Coleridge-Taylor* (1)  
 "This is One Island of Gardens" ..... *Coleridge-Taylor*
- 8.45. Orchestra.  
 "Petite Suite de Concert" ..... *Coleridge-Taylor*  
 Excerpt from "The Emerald Isle" ..... *Sullivan*
- 8.55. Dorothy Bennett.  
 "Orpheus and His Lute" ..... *Sullivan*  
 "Sleep, My Love, Sleep" ..... *Sullivan*
- 9.0. Orchestra.  
 Selection, "The Emerald Isle" ..... *Sullivan*
- 9.10. Sydney Coltham.  
 "The Sailor's Grave" ..... *Sullivan*  
 (With Orchestral Accompaniment.)
- 9.15. Jessie Record.  
 "The Chorister" ..... *Sullivan*
- 9.20. Orchestra.  
 "Bamoula" ..... *Coleridge-Taylor*
- 9.30.—**WEATHER FORECAST and NEWS.** S.B. from London.  
 Major L. R. TOSSWILL. S.B. from London.  
 Local News.
- 10.0.—**THE SAVOY BANDS.** S.B. from London.
- 12.0.—Close down.  
 Announcer: John H. Raymond.

## CARDIFF.

- 3.0-4.0.—Falkman and his Orchestra, relayed from the Capitol Cinema.
- 5.0-5.45.—"5WA'S" "FIVE O'CLOCKS": Talks to Women. Vocal and Instrumental Artists.
- 5.45-6.30.—**CHILDREN'S CORNER.**
- 6.45-7.0.—Mr. J. W. BURR, M.I.E.E., M.I.Mech.E., on "Electricity."
- 7.0.—**WEATHER FORECAST and NEWS.** S.B. from London.  
 WILLIE C. CLISSITT: Chat on "Sport of the Week."  
 Local News.
- 7.30. **MAX CHAPPELL'S DANCE ORCHESTRA.**  
 Relayed from The Bute Room, Cox's Café.
- 9.30.—**WEATHER FORECAST and NEWS.** S.B. from London.  
 Major L. R. TOSSWILL. S.B. from London.  
 Local News.
- 10.0.—**THE SAVOY BANDS.** S.B. from London.
- 12.0.—Close down.  
 Announcer: C. K. Parsons.

## MANCHESTER.

- 3.30-4.30.—Music relayed from the Piccadilly Picture Theatre.
- 4.30-5.0.—**WOMEN'S HALF-HOUR:** Patience Robinson (Soprano) and Elsie Leggott (Contralto) in Duets.
- 5.0-6.0.—**CHILDREN'S CORNER.**
- 6.30-6.55.—ROBERT PITT and LANGTON MARKS, in Duets Topical and Tropical and Duets Up-to-Date.
- 7.0.—**WEATHER FORECAST and NEWS.** S.B. from London.  
 Mr. F. STACEY LINTOTT: Weekly Talk on Sport.  
 Local News.
- 7.30.—An "Algy" Sketch: E. Guy Reeve.
- 7.45. **"Lucky Dip" Night.**  
 (Excerpts from the Programmes of the main B.B.C. Stations will in turn be relayed to our listeners.)
- 9.30.—**WEATHER FORECAST and NEWS.** S.B. from London.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 265.

# WIRELESS PROGRAMME—SATURDAY (Nov. 1st.)

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

Major L. R. TOSSWILL. *S.B. from London.*  
Local News.  
10.0.—THE SAVOY BANDS. *S.B. from London.*  
12.0.—Close down.  
Announcer: H. B. Brennan.

## NEWCASTLE.

3.45-4.45.—J. J. Martin (Baritone). The Station Light Orchestra: Conductor, Edward Clark.  
4.45-5.15.—WOMEN'S HALF-HOUR: Una Rodenhurst: Dramatic Reading, "Gone Astray" (Charles Dickens).  
5.15-6.0.—CHILDREN'S CORNER.  
6.0-6.30.—Scholars' Half-Hour.  
6.45-6.55.—Farmers' Corner.

7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
Mr. JOHN KENMIR on "Association Football."  
Local News.

LEONORA HOWE (Soprano).  
JOHN HUNTINGTON (Bass).  
ARTHUR CLIFFORD (Humorist).  
THE MARSDEN COLLIERY PRIZE BAND.  
Conductor: J. A. GREENWOOD.

7.30. Band.  
Selection, "Faust" ..... Gounod  
Trombone Solo.  
"Joywheel" ..... Sutton  
(Soloist: W. BRIGGS.)

7.45. Leonora Howe.  
"Open Thy Blue Eyes" ..... Massenet  
"If To-Day You Were Mine" ..... Matthew  
Slave Song ..... del Riego  
"There are Fairies at the Bottom of the Garden" ..... Lehmann

7.55. Arthur Clifford.  
"Our Furnished Flat" ..... Squires (13)  
Impressions of the late George Formby.

8.5. John Huntington.  
"Three Songs of the Heather" ..... Braun  
(a) "Heatherbud"; (b) "Ever So Far Away"; (c) "Sing a Song of Purple Heather."

8.20. Cornet Solo.  
"Pandora" ..... Damere  
(Soloist: G. MATHER.)  
Band.  
"The Savoy American Medley" ..... Orde Hume

8.35. Arthur Clifford.  
"The Cautious Lover" ..... Weston (7)  
Impressions of Harry Weldon.

8.45. Leonora Howe.  
Serenade ..... Gounod  
Villanelle ..... Dell'Acqua  
"Mary and the Kitten" ..... Bryan

8.55. John Huntington.  
"Blow, Northern Wind" ..... Sharpe  
"One Perfect Hour With Thee" ..... Sawyer  
"Loughareema" ..... Eisdell

9.0. Band.  
Excerpts from "The Merchant of Venice" ..... Rosse  
(1) Prelude; (2) Intermezzo; (3) Portia.  
"The Savoy Scottish Medley" ..... Orde Hume

9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*  
Major L. R. TOSSWILL. *S.B. from London.*  
Local News.

10.0.—THE SAVOY BANDS. *S.B. from London.*  
12.0.—Close down.  
Announcer: W. M. Shewen.

## ABERDEEN.

3.30-5.0.—Orchestral and Vocal Programme: The Wireless Orchestra. Margaret R. Booth (Contralto). J. Livingstone Wright (Tenor).

5.30-6.0.—CHILDREN'S CORNER: Songs by Auntie Barrie.

6.40.—This Week's Interesting Anniversary (Prepared by John Sparke Kirkland): "Meiz," October 27th, 1870.

7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
Prof. ALEXANDER SOUTER, M.A., D.Litt., D.D., on "The Ancient Roman People."  
Local News.

7.30. IRENE SCHARRER (Pianoforte Recital).  
Carnaval ..... Schumann  
Scherzo in C Sharp Minor ..... Chopin  
Polonaise in E Sharp ..... Chopin

## Choral Evening.

### THE CHOIR.

THE LOYAL ORDER OF ANCIENT SHEPHERDS.  
Conductor, GEORGE A. INNES.

8.0.—Choral March, "Come, Merry Comrades" ..... Becker (2)  
Operatic Chorus, "Angels that Around us Hover" ("Maritana") ..... Wallace (2)  
Part Song, "Come, Pretty Wag, and Sing" ..... Parry (11)

8.10. JOHN HARVEY and GEORGE HARPER.  
Duet, "The Moon Hath Raised" ..... Benedict (1)

8.13. Miss J. GIBB (Soprano).  
"Love's Old Sweet Song" ..... Molloy (1)

8.17.—Bridal Chorus, "Tis My Wedding Morning" ("Rose Maiden") ..... Cowen (1)  
The Londonderry Air, "Far Away" (Irish Folk Song) ..... Jozz (11)  
Choral Song, "Jerusalem" ..... Parry (2)

8.27. Humorous Quartette.  
"Pro Phundo Baso" ..... Bliss

8.30. ETTA MAIR (Contralto).  
"Beyond the Dawn" ..... Sanderson (1)

8.35. Scottish Part Songs.  
"Where Hath Scotland Found Her Fame?" ..... Bell  
"Povers Celestial" ..... Meston  
"The Hundred Pipers" ..... Roddie

8.40. George Harper.  
Humorous Recitation, "A Rural Drive" ..... Dufton Scott

8.45. Solo and Chorus.  
"Now Tramp O'er Moss and Fell" ..... Bishop  
(Soloist, Miss E. WEIR.)

8.50. Scottish Part Songs.  
"The Wee Cooper o' Fife" (Humorous) ..... arr. Robertson (2)  
"An Eriskay Love Lilt" ..... arr. Robertson (2)

8.55. John Harvey (Tenor).  
"Mary" ..... Richardson

9.0. Miss M. HURRIE and Mr. J. HARVEY.  
Duet, "Hunting Tower" ..... Scots Melody

9.5. Scottish Part Songs.  
"The Chevalier's Roll Call" (Humorous) ..... Roddie  
"Kate Dalrymple" ..... Meston

9.10. W. S. BIRCE (Baritone).  
"The Star o' Robbie Burns" ..... Booth  
George Harper.  
Humorous Recitation, "Drama in a Barn" ..... Dufton Scott

9.20. Scottish Part Song.  
"Green Grow the Rashies O" ..... Meston  
Auld Lang Syne.  
(Accompanist, ESTHER ROSS.)

## STATION ADDRESSES.

### MAIN.

Addresses.	Telephone No.
ABERDEEN 17, Belmont Street	2296
BELFAST 31, Linenhall Street, Belfast.	
BIRMINGHAM 105, New Street	209
BOURNEMOUTH 72, Holdenhurst Road	3460
CARDIFF 39, Park Place	2514-5
GLASGOW 202, Bath Street, Douglas	1192
LONDON 2, Savoy Hill, W.C.2. Regent	6730
MANCHESTER 57, Dickinson Street	City 9532
NEWCASTLE 24, Eldon Square	Central 5865

### RELAY.

EDINBURGH 79, George Street	Central 9595
HULL 26-27, Bishop Lane	Central 6133
LIVERPOOL 85, Lord Street	Bank 5618
PLYMOUTH Athenaeum Chambers, Athenaeum Lane	2283
SHEFFIELD Messrs. Union Grinding Wheel, Corporation Street	Central 4620

LEEDS-BRADFORD Cabinet Chambers, Basinghall Street, Leeds	28131
STOKE-ON-TRENT Majestic Buildings, Stoke-on-Trent.	

9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*  
Major L. R. TOSSWILL. *S.B. from London.*  
Local News.

10.0.—THE SAVOY BANDS. *S.B. from London.*  
12.0.—Close down.

Announcer: A. M. Shinnie.

## GLASGOW.

11.0-12.0.—Rehearsal for "58C'S" Radio Circle Choir.

3.30-5.15.—Popular Afternoon: The Wireless Quartette, Fay Muir (Soprano), Beatrice Evelyn (Violoncello), Andrew Bryson (Pianoforte). Afternoon Topics.

5.15-6.0.—CHILDREN'S CORNER: At Home Day for Children of All Ages. Fairy Revels. A Play, "Good Intentions," from "Tiny Plays for Tiny People," by E. M. Fotheringham.

6.0-6.5.—Weather Forecast for Farmers.  
7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
Glasgow Radio Society Talk.

Local News.  
7.25.—Mr. W. S. CROCKET on "Lantern Slides."  
7.40.—Special Announcements.

## Glasgow Shopping Series—2.

### "BUYING A CRYSTAL SET."

Specially Written for Broadcast and Produced by HALBERT TATLOCK.

### Characters:

(In order of their first speaking.)

That Stupid Customer.

That Annoying Shop-Assistant.

That Annoying Manager.

Scene: That Annoying Shop you know in — Street!

Time: This Afternoon.

## Dance Night.

### THE STATION ORCHESTRA.

Conducted by ISAAC LOSOWSKY.

GEORGE PARKER (Baritone).

DANIEL SEYMOUR (Tenor).

who will sing Vocal Numbers and Choruses.

7.55. Orchestra.  
Fox-trot, "Sure as You're Born" (9); Fox-trot, "I'm Gonna to Bring a Water Melon" (6); Waltz, "Nightingale" (9); One-step, "It's Wembley Over Here" (23); Fox-trot, "Dreamy Daddy" (9).

8.15. George Parker.  
"Give Me the Life I Love" ..... Vaughan Williams  
"The Floral Dance" ..... Katie Moss  
"Glorious Devon" ..... German (1)  
"To Anthea" ..... J. L. Halton

8.25. Orchestra.  
Waltz, "First Love" (19); Eightsome Reel; Fox-trot "School Time" (16); One-step, "Dancing Around"; Fox-trot, "It Aint Gonna Rain No More" (7); Tango, "O Sole Mio"; Fox-trot, "Don't Mind the Rain" (7).

9.0.—Third Voyage of Discovery! ..... Orchestra.  
9.10. "Petronella"; Fox-trot, "Ala Moana" (3)

9.20. George Parker.  
"Molly Brannigan" ..... Stanford (1)  
"When Lights Go Rolling" ..... John Ireland  
"The Old Grey Fox" ..... M. F. White

9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*  
Major L. R. TOSSWILL. *S.B. from London.*  
Local News.

10.0.—THE SAVOY BANDS. *S.B. from London.*  
12.0.—Close down.

Announcer: R. Elliot Kingsley.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 205.

# Brandes

*The Name to Know in Radio*

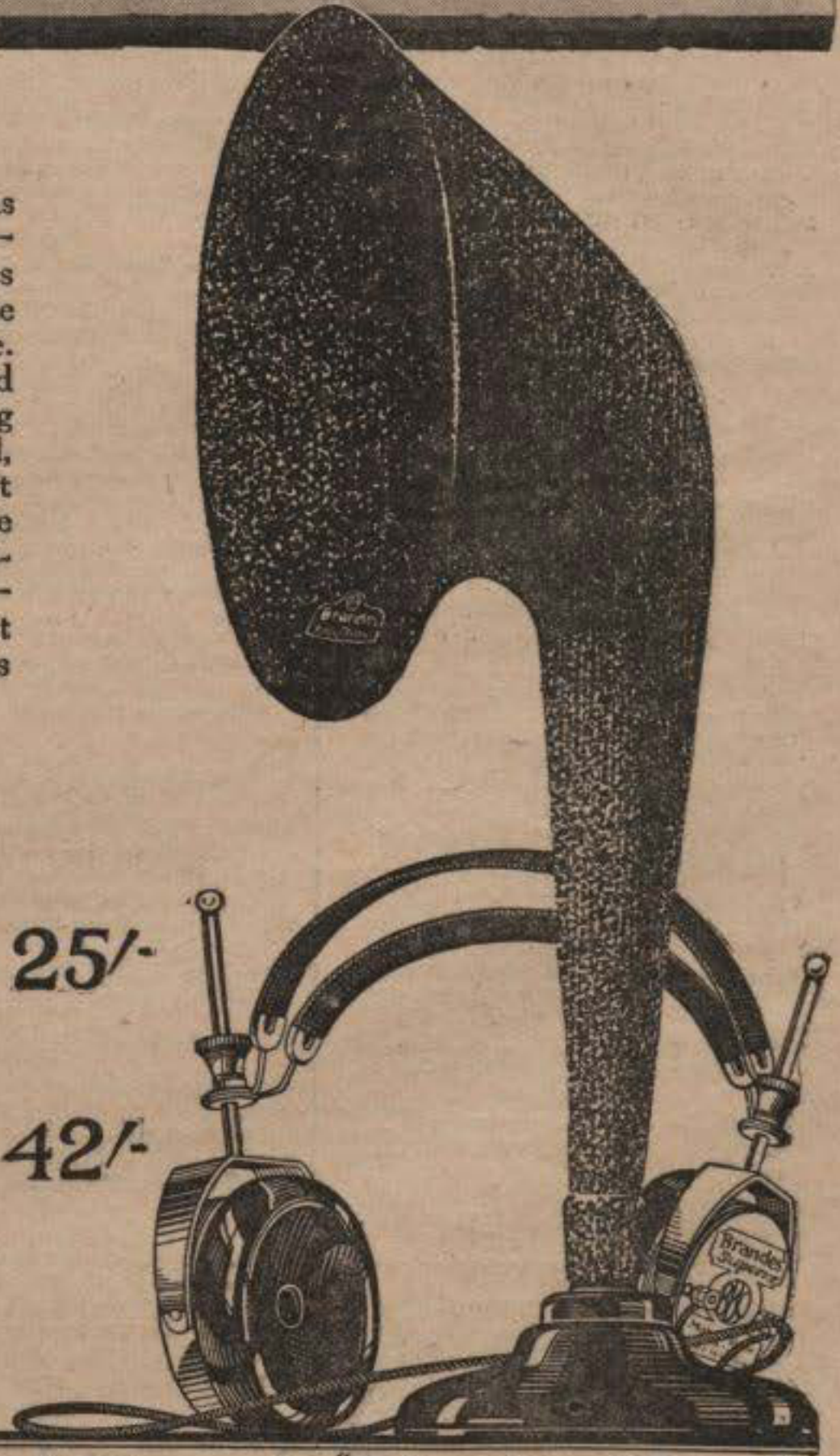
## To some people

a receiver is merely a piece of mechanism. It has never occurred to them to give it a real chance—to help it become vitally alive. Brandes "Matched Tone" Headphones will exploit the full merit of your set, bringing it to eager life. The *Table-Talker* will make it talk clearly and melodiously. All the liquid tones, the pulsating warmth of a soprano will come to you unspoiled, without any unnatural harshness. It does not matter—the rioting madness of the violin, the immense grandeur of the organ, or the intoxicating rhythm of a danceband, they all speak to you—ALIVE with their OWN vigorous cadences. Let Brandes products dispense with dull tonelessness and bring your receiver to vigorous life.

*All Brandes products are obtainable from any reputable Dealer and carry our official money-back guarantee enabling you to return them within 10 days if dissatisfied.*

*Matched Tone*  
TRADE MARK  
**RADIO HEADPHONES** 25/-

*Table-Talker*  
TRADE MARK  
42/-



*Tune with Brandes "Matched Tone"  
Radio Headphones  
Then Listen with Brandes  
Table Talker*

# WIRELESS PROGRAMME—BELFAST (Oct. 26th to Nov. 1st.)

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

## SUNDAY.

9.0-9.30.—Religious Service.  
 8.30. **Half an Hour of Good Music.**  
 JAMES BRIGGS (Tenor).  
 T. O. CORBIN (Pianoforte).  
 ERNEST A. A. STONELEY (Solo Violin).  
 10.0.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
 Local News.  
 10.15.—Close down.

## MONDAY.

4.0-5.0.—The "2BE" Quartet.  
 5.30-6.15.—CHILDREN'S CORNER.  
 7.0.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
 Mr. HARRY DOUGLAS on "Fishing"  
 —(No. 2).  
 Local News.

### An Evening of Light Music.

ETHEL DAVISON (Soprano).  
 J. H. CHAMBERS (Baritone).  
 J. MACKAY (Solo Xylophone).  
 S. H. DARVILL (Solo Flute).  
 THE STATION ORCHESTRA.  
 7.30. Orchestra.  
 March, "Light of Foot" ..... *Latann*  
 Overture, "Raymond" ..... *Thomas*  
 7.48 J. H. Chambers.  
 "In the Green Vales of Antrim"  
*Langdale (21)*  
 "Fill a Glass with Golden Wine"  
*Quilter (1)*  
 "Linden Lea" ..... *V. Williams (1)*  
 8.0. Orchestra.  
 Selection, "The Beggar's Opera" *Austin (1)*  
 8.10. Ethel Davison.  
 Santuzza's Romance ("Cavalleria Rusticana") ..... *Mascagni*  
 "A Brown Bird Singing" .. *Haydn Wood*  
 "You in a Gondola" .. *Coningsby Clarke*  
 8.24. S. H. Darvill.  
 "Thou Art Clasped in My Arms" .. *Bohn*  
 8.34. Orchestra.  
 Gavotte, "Weymouth Chimes" .. *Howgill*  
 8.44. J. H. Chambers.  
 "Oh, Lovely Night" .. *Landon Ronald (5)*  
 "With All My Heart" .... *Earnshawe (11)*  
 "If I Were" ..... *D. Richards (1)*  
 8.56. J. Mackay.  
 "La Pluie" ..... *Cole*  
 9.5. Orchestra.  
 "Menuet d'Amour" ..... *Coven (11)*  
 9.10. Ethel Davison.  
 "Love and Music" ("Tosca") .. *Puccini*  
 "Elegy" ..... *Massenet*  
 (With Violoncello Obligato.)  
 "O Lovely Night" .... *Landon Ronald (5)*  
 (With Violoncello Obligato.)  
 9.20. Orchestra.  
 "A Southern Wedding" ..... *Lotter*  
 9.30.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
 Topical Talk.  
 Local News.  
 10.0.—THE SAVOY BANDS. *S.B. from London.*  
 11.0.—Close down.  
 Announcer: W. T. Guthrie.

## TUESDAY.

4.0-5.0.—The "2BE" Quartet.  
 5.30-6.15.—CHILDREN'S CORNER.  
 7.0.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
 JOHN STRACHEY. *S.B. from London.*  
 Local News.

### A Few Excerpts from Grand Opera.

DOROTHY RODGERS (Mezzo-Soprano).  
 GORDON HILL (Baritone).  
 FREDERICK E. CLARKE (Solo Violin).  
 THE STATION ORCHESTRA.  
 7.30.—Overture, "Il Seraglio" ..... *Mozart*  
 7.40.—Fantasia, "La Traviata" .. *Verdi-Tavan*  
 Dorothy Rodgers.  
 7.42. "A Summer Night" .... *Goring Thomas*  
 "Hindoo Song" ..... *Bemberg*  
 "Song of the Palanquin Bearers"  
*Martin Shaw (2)*  
 7.55. Frederick E. Clarke.  
 Ballet Music, "Rosamunde"  
*Schubert-Kreister*  
 8.5. Gordon Hill.  
 "Even Bravest Hearts May Swell"  
 ("Faust") ..... *Gounod*  
 "The Toreador Song" ("Carmen") *Bizet*  
 8.17. Orchestra.  
 Selection, "La Bohème" ..... *Puccini*  
 8.30. Dorothy Rodgers.  
 "Summer Time on Bredon" *Somervell (1)*  
 "My Shrine" ..... *Russell Phillips*  
 "Down by the Sally Gardens"  
*H. Hughes (1)*  
 8.45. Frederick E. Clarke.  
 "Serenade" ..... *Boyd*  
 "Overtasso" ..... *Wieniawski*  
 8.57. Gordon Hill.  
 "Till Death" ..... *Mascheroni*  
 "Cradle Song" ("Son of Mine") (from  
 "Freebooters' Songs") ..... *Wallace*  
 "The Fortune Hunter" ..... *Willeby (1)*  
 Orchestra.  
 9.10.—Ballet Music from "Faust" .. *Gounod*  
 9.20.—March, "Vito" ..... *Lope*  
 9.30.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
 Sir WILLIAM H. BRAGG. *S.B. from London.*  
 Local News.  
 10.0.—Close down.  
 Announcer: W. T. Guthrie.

## WEDNESDAY.

4.0-5.0.—The "2BE" Trio.  
 5.30-6.15.—CHILDREN'S CORNER.  
 7.0.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
 Mr. HARTLEY WITHERS. *S.B. from London.*  
 Local News.

### Symphony Concert.

ROBERT CHIGNELL (Baritone).  
 REGINALD DOBSON (Violoncello).  
 THE AUGMENTED STATION ORCHESTRA.  
 Conducted by E. GODFREY-BROWN.  
 7.30. Orchestra.  
 Overture, "Oberon" ..... *Weber (10)*  
 Symphony No. 4 ..... *Beethoven*  
 8.5. Robert Chignell.  
 "Watchman Alert" ("Caractacus") *Elgar*  
 8.17. Orchestra.  
 "Keltic Suite" ..... *Foulds*  
 "Spanish Dances" ..... *Moszkowski*  
 8.40. Robert Chignell.  
 "A Broken Song" ..... } *Villiers Stanford*  
 "Back to Ireland" ..... }  
 "Trottin' to the Fair" .. }  
 8.55. Reginald Dobson.  
 "Priere" ..... *W. H. Squire (15)*  
 9.5. Orchestra.  
 Overture, "1812" ..... *Tchaikovsky*  
 "Marche Heroique" ..... *Saint-Saens*  
 9.30.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
 Royal Horticultural Society Talk. *S.B. from London.*  
 Mr. DOUGLAS KENNEDY. *S.B. from London.*  
 Local News.  
 10.5.—THE SAVOY BANDS. *S.B. from London.*  
 11.0.—Close down.  
 Announcer: W. T. Guthrie.

## THURSDAY.

4.0-5.0.—The "2BE" Quartet.  
 5.30-6.15.—CHILDREN'S CORNER.  
 7.0.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
 Radio Society Talk. *S.B. from London.*  
 FRENCH TALK. *S.B. from London.*  
 Local News.

### Everybody's Night.

JEAN BENNETT (Soprano).  
 MAY SHEPHERD (Solo Pianoforte).  
 THE BELFAST RADIO PLAYERS.  
 THE STATION ORCHESTRA.  
 7.30. Orchestra.  
 March, "Folies Bergères" ..... *Lincet*  
 Overture, "William Tell" ..... *Rossini*  
 7.48. Jean Bennett.  
 "In the Highlands" ..... *Quilter (4)*  
 "The Clock" ..... *Sachnowsky (4)*  
 "Five Eyes" ..... *Armstrong Gibbs (11)*  
 8.0. The Players.  
 "THE GLITTERING GATE"  
*(Lord Dunsany).*  
 Jim ..... CHARLES K. AYRE  
 Bill ..... J. R. MAGEEAN  
 Produced by TYRONE POWER.  
 8.22. May Shepherd.  
 Prelude and Fugue in A Flat ..... *Bach*  
 Prelude in D Flat (No. 15) } ..... *Chopin*  
 Polonaise in C Sharp Minor }  
 8.32. Orchestra.  
 Suite, "My Lady Dragon-fly" .... *Finch*  
 8.42. Orchestra.  
 Andante ..... *Alza. Duval (5)*  
 Extaso ..... *Ganne (5)*  
 8.52. May Shepherd.  
 "Sailor's Dance" .. *Balfour Gardiner (24)*  
 "Humoresque" ..... *Dunhill*  
 "Sing a Song of Sixpence" } ..... *Leo*  
 "Hobby Horse" ..... } *Livens (17)*  
 "Seguidillas" ..... *Albeniz*  
 9.5. Jean Bennett.  
 "A Welsh Lullaby" *G. Hubert Parry (11)*  
 "The Songs My Mother Sang"  
*Grimshaw (1)*  
 "Easter Flowers" ..... *Sanderson (1)*  
 9.17. Orchestra.  
 Suite No. 1, "La Source" ..... *Delibes*  
 9.30.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
 Topical Talk.  
 Local News.  
 10.0.—Close down.  
 Announcer: E. J. Thomson.

## FRIDAY.

4.0-5.0.—The "2BE" Quartet.  
 5.30-6.15.—CHILDREN'S CORNER.  
 6.45.—Mr. G. T. DICKSON, F.L.S., on "Gardening" No. 2.  
 7.0.—WEATHER FORECAST and NEWS.  
*S.B. from London.*  
 PERCY SCHOLES. *S.B. from London.*  
 Local News.

### "Hallows'en Jollity."

FODEN WILLIAMS (Entertainer).  
 JAMES NEWEL (Baritone).  
 ERNEST A. A. STONELEY  
 (Solo Violin).  
 PAULINE BARKER (Solo Harp).  
 J. MACKAY (Tubaphone).  
 7.30. Orchestra.  
 March, "D'Yo Ken John Peel?"  
 Overture, "Mignon" ..... *Thomas*  
 Selection, "To-Night's the Night" *Rubens*  
 Foden Williams.  
 7.55. A Satire on Modern Revue *Foden Williams*  
 James Newel.  
 8.10. "Toreador Song" ("Carmen") ..... *Bizet*  
 "Eleanore" ..... *Coleridge-Taylor (11)*  
 "Once in a Blue Moon" ..... *Welleby*  
 8.22. J. Mackay.  
 "Tinkerbell" ..... *Ramsay (1)*  
 (Continued in col. 1, page 215.)

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 205.

# Radio to Aid Harassed Wives.

## A Plea for Wireless Cookery Lessons. By May Edginton.



Miss MAY EDGINTON.

THE middle-class housewife who does much of her own housework and all her own cooking has many harsh critics of her methods in both occupations. These critics are often clubbed men, or men who are chef-fed in their own homes; or spinsters with great ideas about the perfect way of running the marital homes they will never own. The demand of

the Egyptians that the Israelites should make bricks without straw was as nothing to the exactions of the critics in regard to the poor housewife, for we suppose that at any rate there was straw to be had for the diligent searching and picking up, while the poor housewife, search she ever so diligently, cannot find stray pennies for the purse.

If these critics could be dumped down in just such a home, and told to get busy and clean house, and iron the clothes, and provide, on next to nothing, widely varied meals, that appeal equally to the palate and imagination, and are guaranteed to keep husband and family charmed within the family circle, they might find that they had far less to say, and a great deal more than they could accomplish to do.

### Day-to-Day Questions.

There are numerous and excellent cookery pages in numerous and excellent periodicals, and, of course, the housewife can sit down in her spare time and study these; but is it fair to ask her to do it? Should she not be able to enjoy the dress page and the fiction in her spare time, and forget for an hour or two about the cookery?

I think she should.

And also, these cookery pages, excellent as they are, do not deal very directly with the problems of the moment. Published weekly, or monthly, they don't answer the day-to-day questions that must arise in the mind of the housewife with a small purse. A page headed "A Hot-Weather Dinner," and going on to the detailed recipes of that perfect meal, may be all very nice, but it probably involves a complete purchase of new ingredients, and the poor woman's budget cannot always make clean cuts and new beginnings. It takes into account left-overs, irreparable accidents, and future expectations.

### The Thralldom of the Kitchen.

Cookery classes for women are also much insisted upon. Well, let those go who have the time to spare to do it. But when the harassed housewife is through with her bed-making and child-minding and house-cleaning, and the rest of the endeavour to keep up a decent appearance on tiny means, for Heaven's sake let her, when she does go out, betake herself to the pictures, or take a book to Kensington Gardens, or call on a friend. Don't expect her to carry the kitchen with her even in her hours of ease!

Mainly, perhaps, she relies on the bald, bare details of the cookery book, which hasn't much consideration for her financial problems. How often it lies open beside her on the kitchen table of mornings, and, searching it, she says to herself, desperately: "I might make this; but I haven't got that. And I haven't got that; and I haven't got that . . ."

But now the wireless miracle is with us. Perhaps it goes more often into small homes than into larger and richer ones, because it opens up so many beautiful fields of joy, otherwise impossible of exploration, to impecunious people.

Could we not have wireless cookery lessons?

About nine o'clock in the morning, when the husband has gone to business and the children have gone to school, is the time to broadcast them.

The housewife, if she is single-handed, is washing up the breakfast things, bed-making, or what not. If the finances run to a small maid, she is still turning her attention to some sort of domestic work. She is ironing the children's frocks, or dusting, before her onslaught upon kitchen table and oven.

### Help During Work.

While she is thus dusting or ironing, or washing up, the voice says to her through the loud speaker:—

"Good morning. This is Monday. I expect you had some kind of joint yesterday. You have some left over. Do you want a new recipe? Whether mutton, veal, or beef, the following method will give you something delicious. . . . I will tell you how to vary it a little for the respective meats. . . ." There will follow a sympathetic explanation, taking into account the limits of her purse; suggesting substitutes for what she hasn't got; telling her how to consume the odds and ends; telling her a way to cook the cold vegetables if there were any left. The Voice will suggest to her—not in her spare time, but while she is already occupied in her tasks while she listens—several sweets, taking carefully into consideration the probable resources of the larder.

The Voice will also add a little of the latest information for her use. "Large consignments of such-and-such a commodity have been received from So-and-so, and should be on the market this morning at such-and-such a price," the Voice will say, just in case she happens to be doing her own shopping that day.

### Seasonable Advice.

About twelve o'clock, let us say, when the dinner is well under way, and her hands are more or less free, the Voice may be speaking again. "If you have now time to consider a cake, there would just be time to mix th's one before twelve-thirty. You had dripping from yesterday's joint; here is a new and delicious school-cake for the children. . . ."

The Voice will speak, of course, according to the seasons. "Good morning. Have you an apple tree in your garden, and are there any windfalls? If so . . ."

"Good morning," the Voice will say about the end of November. "Have you made the mincemeat? Fruit is now cheap. If you will be ready, I will tell you a quick way to-morrow. . . . While you are making the mincemeat you might get enough ingredients for this Christmas cake, which is a novelty, not very expensive, and yet improves with keeping, so that it will taste very rich by Christmas. . . ."

"Good morning," the Voice will hail. "There must be some children who are soon going to have a birthday. Here is a real 'surprise' dish for the party. . . ."

I do not think this is only an empty dream.

LOUD-SPEAKERS in seven wards of the Fazakerley Sanatorium (Liverpool) will provide entertainment to 200 patients, including fifty children.

# A Night of Mystery.

## Rites and Customs of Hallow-e'en.

ALTHOUGH we live in an enlightened age, old beliefs die hard, and among the strange superstitions which still survive—especially in remote country places—are those connected with Hallow-e'en, the evening of the last day in October and the eve of All Saints' Day. This particular night was considered a night of mystery, when wizards, fairies, and evil spirits of all kinds were supposed to have their freedom, and it behoved the good-intentioned to be very much on their guard! Listeners on October 31st will have an excellent opportunity of becoming better acquainted with the old-time spirit of Hallow-e'en, for Manchester Station is to have a special programme in which there will be many surprises. London and Glasgow will also have programmes suitable to the occasion.

### The Apple and the Glass.

The festival of Hallow-e'en is certainly a survival of pagan days, for in the Middle Ages many heathen beliefs were mixed up curiously with Christian teaching, and have been handed down to the present time.

It is remarkable that many of the superstitions about Hallow-e'en are to do with love and marriage, although it is difficult to see the connection between the freedom of evil spirits and love's young dream! One strange custom was known as "the Eating of the Apple at the Glass." It was thought that if a young girl were to go into a room alone at midnight on Hallow-e'en and were to eat an apple and comb her hair in front of a mirror, she would see the face of her future husband in the glass.

Another weird custom, much practised in Scotland, was for a person to go to a stream where "three lairds' lands met" and dip in the water the left sleeve of a shirt. After returning home, the garment was placed before the fire to dry, and at about midnight it was supposed that the person who had performed this ceremony would see an apparition of his, or her, future helpmate come and turn the sleeve so that the other side might get dried.

### Fortune in a Cabbage.

In country districts the humble cabbage plays a conspicuous part in Hallow-e'en ceremonies. When it was quite dark, couples would go out hand-in-hand and pull up cabbages from the ground. If the stalks came out of the earth clean, it was a bad sign, for it meant an empty purse; but if the stalks had much earth clinging to them, it was an augury of material prosperity.

"Nut burning" was, and still is, a popular feature of Hallow-e'en. Two nuts are placed side by side in the fire, representing a man and a maid, and they are watched with breathless interest. If they burn steadily side by side, it is thought that the couple will have a happy married life. If, on the contrary, one nut jumps away from the other, no marriage will result.

### Warding off Evil.

The idea that Hallow-e'en let loose wicked spirits was responsible for some quaint customs. Country folk were wont to wander round the villages carrying lighted candles to ward off evil influences. Bonfires were lit out of doors and all fires indoors were carefully extinguished and relit in every house from the bonfires outside. This was supposed to bring good luck during the coming year.

There were and are many other superstitions connected with Hallow-e'en, but instead of sitting up till midnight to eat apples or to pull up cabbages, listeners this year can get all the fun of the festival by putting on their headphones at a reasonable hour and going to bed afterwards at the usual time! C.T.



# Wireless and Your Grandson.

New Hope for the Future, by H. DE VERE STACPOOLE, The Famous Novelist.

WHEN wireless passed from the dream stage into the practicable I made sure in my own mind that it would prove the speedy death of the great deep-sea cable companies, and I worried over the business, for the deep-sea cable industry feeds and supports the finest body of men in the world. However, the cable companies seem even more prosperous to-day than they were ten years ago; anyhow, they are not complaining, and I mention the fact of my worry over this possible destruction to underscore the fact that in forecasting the effects of wireless on the life of the community one must not take the bit between one's teeth.

## Novels Still Popular.

When broadcasting became practicable and crystal sets, cat's whiskers, and loud speakers were the main topics of conversation in every cottage and castle in the country, a friend, who is not a literary man, told me, with a certain gloomy cheerfulness, that this would be the death of Mudie, that no one now would have the time to read novels—"to waste on novels" were, I think, his exact words. And certainly it seemed as though he were speaking what might prove to be the truth, for how could England find time to engage herself with a novel and at the same time take in the weather news, "Topical Talk," hyperprismatic poetry, Big Ben, and the voice of the laughing Jackass from the Zoo?

Yet he was wrong. Mudie is not dead, the libraries are living, and how it's all done in the time I don't know. I only know that the novel and the magazine do not seem to have been even scratched by broadcasting.

## A Road Without Barriers.

I give these two possible things that wireless might have done to affect the life of the community as sedatives to your imagination, whilst we consider what wireless may yet do, for good or evil.

Wireless, as we know it, is the most subtle and perfect method ever devised for the inter-communication of ideas between mind and mind, it uses the only road without barriers, the ether that pervades all things, and if,

as many people believe, the mind of man is indestructible, who can say that this new road into which we have broken will not lead us into touch with the minds of those we speak of as "deceased"?

Ethereal communication would, I think, be a better name for this new adventure on which man has embarked than wireless, and though I am a bad prophet, as I have hinted in the first lines of this little article, I hold that it is possible that ethereal communication may yet knock the ideas of this material community to which I belong into the strangest forms of cocked hats; for, leaving the spiritualistic side of the business out of account, I have a feeling that the infernal ingenuity of modern science will bring the Martians and Mercurians in touch with us yet—unless they are deaf, blind, dumb and imbecile—also, of course, unless they are non-existent.

Leaving those questions aside, who can estimate or over-estimate the effect of wireless upon that race of beings whom no man has yet seen, who live in no land, who have not yet found speech or the sense of hearing, yet who are waiting to listen—the People of the Future—a race more interesting and just as strange as any people who may inhabit Mars, and I am sure more lovable to us?

When your great-great-grandson steps out of the darkness where he is hiding now, I venture to say that he will find his estate in a world where not only will men have vastly improved wireless, but where also, wireless

will have vastly improved men; how vastly we cannot yet say, for who can estimate the effect on the mass mind of the world of the broadcasting of fine music and great thoughts, of the tone dreams of Verdi and Mozart, the philosophy of the sages, and the humanity of the humorists; the feeding of the million with the mind and soul food hitherto reserved for the few?

## Power Beyond Reckoning.

So much for the possibilities of this new thing, so new that the men of a few years ago would have laughed the idea of it to scorn, so alive and far-reaching that no man can gauge its power or measure the ambit of its influence.

Its realities are as attractive to gaze upon as its possibilities to imagine, and nowhere in this real world around us do these realities exhibit themselves in a more beneficent manner than amongst the people who are blind and the people who are sick.

In *The Radio Times* of August 22nd I found a letter which very few people can read without being moved. "After being ill for fifteen years and altogether in bed for nine" (says the writer), "I have had the beautiful gift of a two-valve wireless set. It has opened a new and wonderful world for me and I would like to say 'thank you' for *The Radio Times*, which I enjoy, and to the B.B.C. for all the joy their broadcasting has given to an invalid girl."

## The Ideal Radio Programme.

I know of several cases like this, and there must be thousands of cases where poor and bed-ridden people lie cut off and deaf to the "new world" in the air around them, for lack of the "beautiful gift" which science holds out, but which poverty prevents them from taking.

I wish that some of the money and thought devoted to the Martians could be used for the sending of a message of joy to such as these. Here is a possibility of wireless yet incompletely worked.

The ideal radio programme should include the list of everything in the news of the day, in music and in literature; and in England it should, as a rule, leave out the news of the weather.



Mr. H. DE VERE STACPOOLE.

## FREEDOM THROUGH WIRELESS.

RADIO plays a big part in the lives of everyone of us to-day, and a part which will increase as time passes, but it is to be doubted whether it will ever mean more to any human individual than it has done to Max Sasanoff. To him radio has meant release from prison, and the recognition of his talents as an artist.

Half Russian, half Italian, Sasanoff went to America. Only a few days after he had landed, he was arrested and charged with being an accomplice in a gang of counterfeiters. He was tried, sentenced, and sent to the gaol at Atlanta.

Sasanoff was both painter and singer, and in the latter capacity he figured in the prison concerts. These concerts were broadcast by the Atlanta station, and Sasanoff became known to the listeners. In fact, he created a sensation in a small way and inquiries began to be made about him. Then his talents as a painter came to light. Attention was focussed on the work which he had done on the walls of the prison chapel, a picture of the Saviour ministering to the afflicted.

Representations were made on his behalf to the authorities. It was discovered that his part in the counterfeiting had been entirely

involuntary. He had been the dupe of men who had taken advantage of his ignorance of American laws and even of the English language. As a result of these investigations, he was released on parole.

## Painted the President.

During his term of imprisonment, Sasanoff had painted portraits of the governor and various other officials. On his liberation he went to Washington, where he painted the President, amongst others. Charitable persons provided the funds for him to continue his work. His sentence expired. He need no longer fear return to prison.

Curiously enough, he has returned to gaol voluntarily. He was commissioned to paint another picture similar to that which he had executed in the prison chapel. He decided to finish this work in the same atmosphere which had seen the birth of his earlier picture. He has gone back to gaol for two months. At the end of that time he will reappear, bringing his picture with him.

LEEDS Board of Guardians have approved recommendations for installing receivers at the workhouse and the Central Children's Home.

## AMUSEMENT FOR THE SOLITARY.

IT seems strange that man, who is so often alone, should have invented so few means of solitary diversion (says a writer in the *Times*). To play music is not within the power of everyone, nor is the wireless programme always what is wanted. Nearly all games are designed for two players or more. Some can be and have been adapted to solitude; a chess-player may eternally discover how to mate himself in three moves, and a bridge-player try Miss Milligan's Patience if it entertains him.

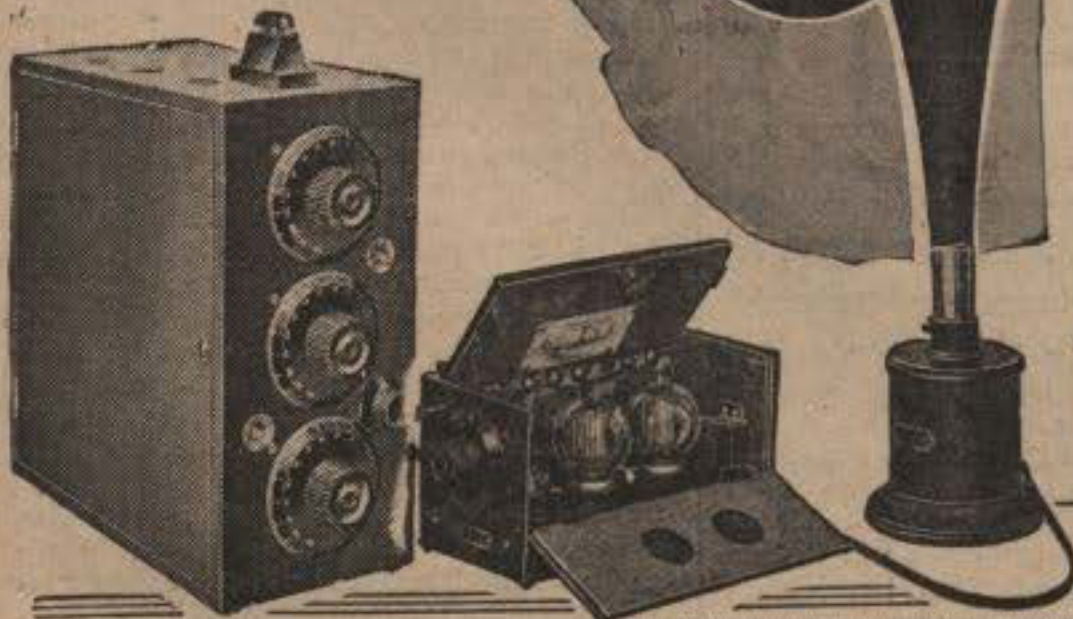
## All Games Are Battles.

But none of these adaptations is made without loss. No one has yet invented a game which is not a gamble or a battle and does not presuppose an enemy to pay or to surrender. Whether such an invention is possible is a problem for philosophers.

Is the nature of man opposed to it? Is he so made that he cannot actively and artificially entertain himself unless he engage in some form of contest? He may solve puzzles, the puzzle-maker will answer, but these at their best are an intellectual exercise and at their worst a waste rather than a pleasant employment of time; moreover, like chess problems, they lack the essential quality of a true game which is to be inexhaustible and to breed its own variations.



Loud Speaker - £8  
 Amplifier - £24  
 Detector Set - £15 10 0  
 (Including Valves).



## Imagination

**I**N the quiet of your own home you can sit in comfort and listen to broadcast music from the theatres, the opera, and the studios and let your imagination run riot. You think of the scenes that are suggested by the music, fit your own characters into the scheme and generally see everything just exactly as you would have it.

To attain this you must of course be the possessor of receiving sets that are capable of reproducing the programmes with extreme fidelity, and only by the installation of the famous Western Electric Loud Speaking Equipment can you know the real joys of wireless telephony.

Ask your dealer for illustrated literature which will tell you all about these world standard Loud Speaking Equipments, he will be pleased to supply it or to give you a practical demonstration.

**Western Electric Company Limited.**

Connaught House, Aldwych, London, W.C.2.  
 Central 7345 (9 lines).

Branches:— Birmingham,  
 Leeds, Manchester, New-  
 castle, Glasgow, Cardiff,  
 Southampton, Liverpool,  
 Dublin.

### Belfast Programme.

(Continued from page 211.)

- 8.29. Pauline Barker. Selected.
- 8.35. Foden Williams. In Selections from his Repertoire.
- 8.50. Ernest A. A. Stoneley. Fantasia on Scots Airs.
- 9.0. James Newel. "Little Red Fox" ..... Somervell (1)  
"The Christening" ..... Howard Fisher  
"Because I Were Shy" ..... Johnson
- 9.12. Orchestra. Ballet Music "Le Cid" ..... Massenet  
March, "Robin Hood" ..... Schertzingér
- 9.30.—WEATHER FORECAST and NEWS. S.B. from London.  
Talk by the Home Office. S.B. from London.  
Local News.
- 10.0.—Close down.

Announcer: W. T. Guthrie.

### SATURDAY.

- 4.0-5.0.—The "2BE" Trio.
- 5.30-6.15.—CHILDREN'S CORNER.
- 7.0.—WEATHER FORECAST and NEWS. S.B. from London.  
Prof. GREGG WILSON on "Why We Study Animals," No. 4. S.B. to Edinburgh.  
Local News.
- DUNCAIRN CHOIR OF MIXED VOICES. Conductor, R. WINNINGTON.  
W. H. CONROY (Solo Violin).  
M. McDONOUGH (Solo Trombone).
- THE STATION ORCHESTRA.  
Listeners are invited to send postcards naming their Favourite Groups of Orchestral Pieces.
- 7.30. Orchestra.  
1. March, "The Irish Patrol" ... Puerner  
2. Minuet for Strings ..... Boccherini  
3. "Preludium" ..... Järnefelt  
1. "Spring Song" ..... Mendelssohn  
2. "The Bees' Wedding" ... Mendelssohn  
3. Pizzicato from "Sylvia" ..... Delibes
- 7.55. Duncairn Choir.  
"Shepherd's Dance" ("Henry VIII.")  
E. German (11)  
"The Meeting of the Waters"  
arr. Dunhill (11)  
"Oft in the Stilly Night"  
arr. Robert Stewart (2)
- 8.10. W. H. Conroy.  
Prelude No. 2 ..... Massenet  
Andante ..... Charles Rene  
Zingaresca ..... Gustav Ellerton
- 8.25. M. McDonough, with Orchestra.  
"Still as the Night" ..... Bohm
- 8.35. Orchestra.  
Barcarolle, "The Tales of Hoffmann"  
Offenbach  
Londonderry Air }  
Shepherd's Hey } ..... Grainger
- 8.47. Duncairn Choir.  
The Song of Fionnuala ("Silent O Moyle")  
arr. G. Bantock (11)  
"Wi' a Hundred Pipers" ... arr. Purcell  
"Quick! We Have But a Second"  
arr. Stanford (2)
- 9.0. Orchestra.  
1. Intermezzo from "Cavalleria Rusticana"  
Mascagni  
2. Valse Triste ..... Sibelius  
3. Two Hungarian Dances ..... Brahms
- 9.15.—1. "Salut d'Amour" ..... Elgar  
2. "The Bells of Ouseley" ..... Huma (1)  
3. Patrol, "The Wee Macgregor" ... Amers
- 9.30.—WEATHER FORECAST and NEWS. S.B. from London.  
Major L. R. TOSSWILL. S.B. from London.  
Local News.
- 10.0.—THE SAVOY BANDS. S.B. from London.
- 12.0.—Close down.

Announcer: E. J. Thomson.

### Edinburgh Programme.

Week Beginning Sunday, October 26th.

#### SUNDAY, October 26th.

- 3.0-5.0.—Programme S.B. from Glasgow.
- 5.0-5.30.—CHILDREN'S CORNER. S.B. from Cardiff.
- 8.30-10.45.—Programme S.B. from London.

#### MONDAY, October 27th.

- 3.0-4.0.—The Station Pianoforte Trio.
- 5.0-6.0.—CHILDREN'S CORNER.
- 6.40-6.55.—Dr. PIO DEL FRATE. S.B. from Glasgow.
- 7.0-11.0.—Programme S.B. from London.

#### TUESDAY, October 28th.

- 3.0-4.0.—The Station Pianoforte Trio.
- 5.0-6.0.—CHILDREN'S CORNER.
- 6.40-6.55.—The Rev. JAMES SMITH. S.B. from Aberdeen.
- 7.0-9.40.—Programme S.B. from London.
- 9.40-9.55.—Prof. R. S. RAIT. S.B. from Glasgow.
- 9.55-10.30.—Programme S.B. from London.

#### WEDNESDAY, October 29th.

- 3.0-4.0.—The Station Pianoforte Trio.
- 5.0-6.0.—CHILDREN'S CORNER.
- 7.0.—WEATHER FORECAST and NEWS. S.B. from London.  
Mr. GEORGE MACDONALD, C.B., LL.D., F.B.A., on "The Romans in Scotland."
- 7.30-11.0.—Programme S.B. from London.

#### THURSDAY, October 30th.

- 3.0-4.0.—The Station Pianoforte Trio. REGINALD WHITEHEAD (Bass).
- 5.0-6.0.—CHILDREN'S CORNER.
- 7.0-10.30.—Programme S.B. from London.

#### FRIDAY, October 31st.

- 3.0-4.0.—The Station Pianoforte Trio.
- 5.0-6.0.—CHILDREN'S CORNER.
- 6.40-6.55.—Ministry of Agriculture Talk. S.B. from London.
- 7.0.—WEATHER FORECAST and NEWS. S.B. from London.  
PERCY SCHOLES. S.B. from London.  
Local News.

#### Popular Programme.

- JOAN KEDDIE (Soprano).
- ALEXANDER FORTUNE (Tenor).
- THE "FUTURISTS" CONCERT PARTY.
- AMY MURRAY (Soprano-Soubrette).
- ZOE SHERAR (Elocutionist).
- DORIS SOGA (Contralto).
- ALEC COCKBURN (Light Baritone).
- GEORGE D. JAMIESON (Comedian).
- STANLEY LAWRIE (Comedian).
- ALAN SPENCE (Pianoforte).
- 7.30. Joan Keddie.  
Waltz Song from "Tom Jones" German
- 7.35. Alexander Fortune.  
"Celeste Aida" ..... Verdi  
"La Donna è Mobile" ..... Verdi  
"Recondita Armonia" ..... Puccini
- 7.45. Joan Keddie.  
Santuzza's Romance ..... Mascagni  
"The Little Men" ..... Capel (1)  
"When the Heart is Young" ..... Buck
- 8.0.—Prof. C. G. BARKLA, F.R.S., D.Sc., Nobel Laureate, on "Electricity."
- 8.15. Alexander Fortune.  
"Sigh No More, Ladies" ..... Aikin (14)  
"I Hear a Thrush at Eve" ... Cadman (1)  
"My Dreams" ..... Tosti
- 8.25.—Miss MONICA WHATELY: An Appeal for the "Save the Children Fund."
- 8.45-9.30.—Concert Party.
- 9.30.—WEATHER FORECAST and NEWS. S.B. from London.  
Talk by the Home Office. S.B. from London.  
Local News.
- 10.0.—Concert Party.
- 10.30.—Close down.

#### SATURDAY, November 1st.

- 3.0-4.0.—The Station Pianoforte Trio.
- 5.0-6.0.—CHILDREN'S CORNER.
- 7.0.—WEATHER FORECAST and NEWS. S.B. from London.  
Prof. GREGG WILSON. S.B. from Belfast.
- 7.30-12.0.—Programme S.B. from London.  
Announcer: G. L. Marshall.

### Hull Programme.

Week Beginning Sunday, October 26th.

#### SUNDAY, October 26th.

- 3.0-5.30. } Programmes S.B. from London.
- 8.30-10.45. }

#### MONDAY, October 27th, and WEDNESDAY, October 29th.

- 3.0-3.30. } Robert A. Jackson and his Or-
- 4.0-4.30. } chestra, relayed from the Majestic
- 3.30-4.0.—WOMEN'S HALF-HOUR. Picture House.
- 5.15-6.15.—CHILDREN'S CORNER.
- 7.0-11.0.—Programme S.B. from London.

#### TUESDAY, October 28th, and THURSDAY, October 30th.

- 3.0-3.30. } Claude Duval's Dance Orchestra,
- 4.0-4.30. } relayed from the City Hotel.
- 3.30-4.0.—WOMEN'S HALF-HOUR.
- 5.15-6.15.—CHILDREN'S CORNER.
- 7.0-10.30.—Programme S.B. from London.

#### FRIDAY, October 31st.

- 3.0-3.30. } Robert A. Jackson's Orchestra,
- 4.0-4.30. }
- 3.30-4.0.—WOMEN'S HALF-HOUR.
- 5.15-6.15.—CHILDREN'S CORNER.
- 6.40-6.55.—Ministry of Agriculture Talk. S.B. from London.
- 7.0.—WEATHER FORECAST and NEWS. S.B. from London.  
PERCY SCHOLES. S.B. from London.

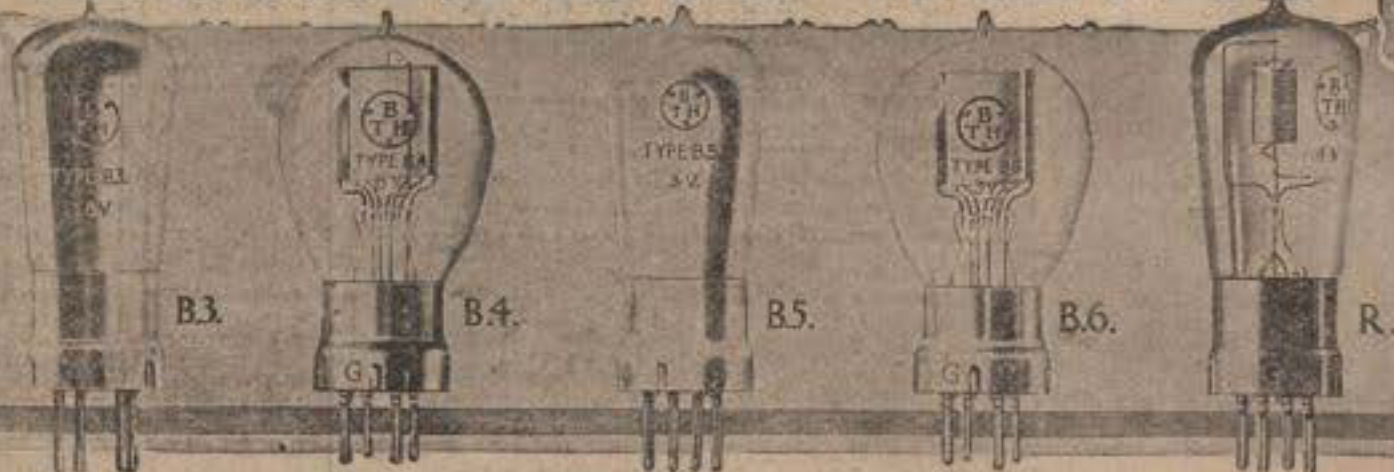
#### Folk Song and Instrumental Night.

- JERRY O'CONNOR (Baritone).
- GERRY O'KELLY (Tenor).
- JOHN H. SIGALL (Solo Violoncello).
- BETTING DE BOER (Solo Violin).
- GWENDOLINE ROE (Solo Pianoforte).
- JOHN BIRCH (East Riding Dialect).
- 7.30. Pianoforte Solos.  
Toccata ..... Paradisi  
Gigue, Pastorale, Capriccioso ..... Scarlatti
- 7.40. Violoncello Solos.  
Elegiac Poem ..... Granville Bantock (15)  
Passe-Pied ..... Gillet
- 7.55. English and Scottish Folk Songs.  
Baritone, "Brennan o' the Moor" Somerset  
Tenor, "Will Ye No Come Back Again?" Scottish
- Duet, "The Keeper" ..... Warwickshire  
"Greens Grow the  
Baritone { Rashes, O!" ..... Scottish  
"John Peel" ..... Cumberland
- Duet, "On Ilkla Moor Baht 'At" Yorkshire  
Violin Solos.
- 8.10. "Aria" ..... Tenaglia  
"Guitarero" ..... Drdia  
"Canto Amoroso" ..... Sammartini
- 8.25. Pianoforte Solos.  
Selected.
- 8.35. East Riding Dialect Sketch.  
"Mrs. Thirtlewhistle on Wireless."  
Violoncello Solos.
- 8.55. "Londonderry Air" arr. O'Connor Morris  
"Humoresko" ..... Dvorak  
"Prière" ..... W. H. Squire
- 9.10. Recital of Irish Folk Songs.  
Tenor, "Ballynure Ballad."  
Baritone, "The Gentle Maiden."  
"Snowy Breasted Pearl."  
Tenor, "I Know My Love"  
Baritone, "My Love's an Arbutus."  
Tenor, "Larry O'Toole."  
Tenor, "The Next Market Day."
- 9.30.—WEATHER FORECAST and NEWS. S.B. from London.  
Talk by the Home Office. S.B. from London.  
Violin Solos.  
Sonata No. 2 in E Major ..... Handel
- 10.15. Pianoforte Solos. Selected.
- 10.30.—Close down.

#### SATURDAY, November 1st.

- 3.0-4.30.—Claude Duval's Dance Orchestra.
- 3.30-4.0.—WOMEN'S HALF-HOUR.
- 5.15-6.15.—CHILDREN'S CORNER.
- 7.0.—WEATHER FORECAST and NEWS. S.B. from London.  
Lieut.-Commander J. M. KENWORTHY, on "Naval Experiences."
- 7.30-12.0.—Programme S.B. from London.  
Announcer: L. B. Page.

# B.T.H. RADIO VALVES



These five B.T.H. Valves meet every possible requirement of the ordinary listener-in and the serious experimenter. The B3, B5 and R Valves can be used in any position, for detection or high or low frequency amplification, while the B4 and B6 Valves are intended primarily for low frequency power amplification.

Be sure your next valve is a B.T.H. Valve. Look for the initials "B.T.H." which are the sign of high quality, and for the silvered bulb which denotes a perfect vacuum.

Obtainable from all Electricians and Wireless Dealers.

**The British Thomson-Houston Co., Ltd.**

Works : Coventry. Offices : Crown House, Aldwych, W.C. 2.

- B3 Valve. Price 21/-.**  
Filament Volts.....2 volts.  
Filament Current...0.35 amps.  
Anode Volts.....20-80 volts.
- B4 Valve. Price 35/-.**  
Filament Volts.....6 volts.  
Filament Current...0.25 amps.  
Anode Volts.....40-100 volts.
- B5 Valve. Price 25/-.**  
Filament Volts.....3 volts.  
Filament Current...0.06 amps.  
Anode Volts.....20-80 volts.
- B6 Valve. Price 35/-.**  
Filament Volts.....3 volts.  
Filament Current...0.12 amps.  
Anode Volts.....60-120 volts.
- R Valve. Price 12/6.**  
Filament Volts.....4 volts.  
Filament Current...0.63 amps.  
Anode Volts .....20-80 volts.



2219A

# B.T.H. LOUD SPEAKERS

B.T.H. Loud Speakers are soundly constructed, both mechanically and electrically, and reproduce speech and music without distortion or undue resonance. They give the greatest volume of sound that it is possible to obtain without impairing the tone. Each instrument is provided with an adjustable air-gap. The magnets, of cobalt steel, retain their magnetism permanently, and are unaffected by change of polarity.

**FORM C1**  
The ideal Loud Speaker for a small room  
Price ... £2 10 0

**FORM C2**  
A beautifully finished instrument designed for general use in or out of doors  
Price ... £5 0 0

**FORM C3**  
A gramophone attachment having the same elements as the Form C1 Loud Speaker  
Price ... £2 2 0

**FORM D**  
A super-sized speaker-drum pattern suitable for large halls or outdoor use  
Price ... £9 10 0

Obtainable from all Electricians and Radio Dealers

**The British Thomson-Houston Co. Ltd.**

Works : Coventry

Offices : Crown House, Aldwych, London, W.C.2

Use a "Tonger" and charge your batteries at home



2219A

## Leeds—Bradford Programme.

Week Beginning Sunday, October 26th

### SUNDAY, October 26th.

3.0-5.30.—Programme S.B. from London.  
 8.30-9.0.—The Rev. B. O. F. HEYWOOD,  
 Vicar of Leeds: Religious Address.  
 9.0-10.45.—Programme S.B. from London.

### MONDAY, October 27th, WEDNESDAY, October 29th, and SATURDAY, November 1st.

3.30-4.30.—Bensley Ghent and his Orchestra,  
 relayed from the Tower Picture House,  
 Leeds.  
 5.15-6.15.—CHILDREN'S CORNER.  
 7.0 onwards.—Programme S.B. from London.

### TUESDAY, October 28th.

2.30-4.0.—Harold Gee and his Orchestra, relayed  
 from the Theatre Royal Cinema, Bradford.  
 4.45-5.15.—WOMEN'S HALF-HOUR.  
 5.15-6.15.—CHILDREN'S CORNER.  
 6.40-6.55.—"A Talk to Motorists," by Major  
 A. E. BEATTIE, M.I.A.K., M.Inst.T.  
 7.0-10.30.—Programme S.B. from London.

### THURSDAY, October 30th.

2.30-4.0.—Harold Gee and his Orchestra, relayed  
 from the Theatre Royal Cinema, Bradford.  
 4.45-5.15.—WOMEN'S HALF-HOUR.  
 5.15-6.15.—CHILDREN'S CORNER.  
 7.0-10.30.—Programme S.B. from London.

### FRIDAY, October 31st.

2.30-4.0.—Harold Gee and his Orchestra, re-  
 layed from the Theatre Royal Cinema,  
 Bradford.  
 4.45-5.15.—WOMEN'S HALF-HOUR.  
 5.15-6.15.—CHILDREN'S CORNER.  
 6.40-6.55.—Ministry of Agriculture Talk. S.B.  
 from London.  
 7.0.—WEATHER FORECAST and NEWS.  
 S.B. from London.

PERCY SCHOLES. S.B. from London.  
 Local News.

THE LEEDS CITY PRIZE BAND:  
 Conductor—WILLIAM BLACKBURN.

DOROTHY SUNDERLAND (Soprano).  
 WILFRID HUDSON (Tenor).

T. DESMOND KELLY (Elocutionist).  
 KATE SMITH-OATES (Accompanist).

7.30. The Band.  
 March ..... Marmion

7.40. Dorothy Sunderland.  
 "Buy My Roses" ..... D. Slater (S)  
 "I Wonder if Love is a Dream" ..... D. Forster

"When the House is Asleep" ..... S. Haigh  
 T. Desmond Kelly.

7.50. "The Ballad of the Lost Sole" ..... Anon.  
 "Think Big" ..... Wilfrid Hudson.

8.0. "Songs My Mother Taught Me" ..... Dvorak  
 "Serenade" ..... Schubert  
 "Now Sleeps the Crimson Petal" ..... Roger Quilter (1)

8.10. The Band.  
 Concert Waltz, "Rosalinda" ..... Rimmer

8.20. Dorothy Sunderland.  
 "Happy Summer Song" ..... G. F. Kahn (8)  
 "Green Hills of Somerset" ..... Coates  
 "The Road of Looking Forward" ..... Lohr

8.30. T. Desmond Kelly.  
 "The Unfinished Painting" ..... T. D. Kelly

8.40. Wilfrid Hudson.  
 "Mountain Lovers" ..... Squire (1)  
 "Linden Lea" ..... Vaughan Williams (1)

8.50. The Band.  
 Grand Selection, "Maritana" ..... Wallace

9.5. WILLIAM BLACKBURN (Solo Cornet)  
 "Il Bacio" ..... Ardit

9.10. Wilfrid Hudson.  
 "Passing By" ..... Purcell

9.20. The Band.  
 Fantasia, "Dawn of Spring" ..... E. Le Dus

9.30.—WEATHER FORECAST and NEWS.  
 S.B. from London.

Talk by the Home Office. S.B. from London.  
 Local News.

10.0.—Close down.

Announcer: G. P. Fox.



## Machines that are almost human

ONLY the most elaborate equipment can undertake the responsibility of manufacturing **Brown** Loud Speakers and Head-phones to reach such a recognised standard of perfection.

Take for example the construction of the cone-shaped aluminium diaphragm for the small **Brown** Loud Speaker. In order to produce a diaphragm as thin as paper and at the same time of great mechanical strength, it was necessary to design special machinery. The one shown above actually does five operations at one time.

Yet this is only typical of **Brown** thoroughness. The wonderful aluminium diaphragm and tuned reed mechanism which is such an outstanding feature of **Brown** Loud Speakers entails work of micrometric precision and because of the extremely high standard of workmanship employed the quality of reproduction is unsurpassed.

Before you purchase your Loud Speaker be sure to hear a **Brown**—its extreme sensitiveness and true-to-life reproduction has been praised by all music lovers.

From 45/- for small H.2.-type capable of filling any room of average size to £15 : 15 : 0 for the new Q-type—probably the most luxurious Loud Speaker in the world—there is a type to suit everyone.

S. G. BROWN, Ltd.,  
 Victoria Road,  
 N. Acton, W.3.

Showrooms:

19, Mortimer Street, W.1.  
 15, Moorfields, Liverpool.  
 67, High St., Southampton.



Type H.1., 21 in. high:	
120 ohms	£5 5 0
2,000 ohms	£5 8 0
4,000 ohms	£5 10 0
Type H.2., 12 in. high:	
170 ohms	£2 5 0
2,500 ohms	£2 8 0
4,000 ohms	£2 10 0
Type Q. (all resistances)	£15 15 0

# Brown

# Loud Speakers



## Charge your accumulator at home

**T**HE TUNGAR solves the battery-charging problem for all whose houses are electrically-lighted by alternating current.

It is connected on one side to any lamp-holder or wall-plug, and on the other to the battery (the work of a moment). It starts charging as soon as it is switched on. There are no chemical or mechanical complications—its operation is purely electrical and there is nothing to get out of order. It requires no attention and can be left on all night. Overcharging and discharging back are equally impossible.

*The Tungar saves expense and trouble, increases the life of your battery, and enables you to charge any time, night or day.*



Enquire at your local dealer or write for copy of new folder to—The British Thomson-Houston Co., Ltd., Mazda House, 77, Upper Thames St., London, E.C.4.



NOTE.—Full working instructions on plate.

2252

# Now on Sale

of a new volume of

## NO. 1 "WIRELESS WEEKLY"

The 6d. weekly edited by John Scott-Taggart, F.Inst.P., A.M.I.E.E.

### 12-page Photogravure Supplement FREE!

COMMENCING with the issue of "Wireless Weekly" now on sale (No. 1 of Vol. 5), the Radio Press, Ltd., the great publishing House which also owns "The Wireless Constructor" (No. 1 of which 6d. monthly is now on sale everywhere) and "Modern Wireless" (the 1s. monthly), are introducing a great innovation. Six special issues of "Wireless Weekly" are being published and in alternate issues there will be 12 pages printed by photogravure. This extremely costly printing process, never before used in a wireless periodical, gives a truly remarkable stereoscopic effect to all photographs and will be a revelation to all wireless enthusiasts. Nothing like it has yet been produced, in spite of the good quality paper and printing which distinguishes Radio Press periodicals.

Specially selected articles will appear in these six special numbers of "Wireless Weekly" and you should on no account miss these. If you are new to "Wireless Weekly" you will find this an excellent opportunity of trying out the paper for a limited period.

No. 1 (dated October 22nd) contains two prominent articles:

- (1) **Resistance Amplification.**—A notable article by Captain H. J. Round, M.C., M.I.E.E., the Chief Research Engineer of the Marconi Company.
- (2) **Supersonic Heterodyne Reception.**—The first of a series of articles dealing with the theoretical and constructional side of this fascinating subject which has never before been tackled properly in this country. The articles are by John Scott-Taggart, F.Inst.P., A.M.I.E.E.

Place a definite order with your newsagent or you will be disappointed.

### ORDER FORM.

Please <sup>supply</sup> <sub>reserve</sub> the six issues of "Wireless Weekly" (6d. weekly) commencing October 22nd. If the October 22nd issue is definitely out of print, commence with the issue of Oct. 29th.

Name.....

Address.....

## The ideal low-priced crystal set

Exceptionally simple in construction but giving results that are better than many more expensive sets. The secret of its great success lies in the delicate tuning and clear results afforded by the patent Acme Variometer that is embodied in the set. Handsome mahogany cabinet, all parts nickel-plated.

Catalogue Free.



**THE ACME CRYSTAL RECEIVER**  
18/6

or fitted with variable connection to pick up 1,600 metre wavelength (new Chelmsford B.B.C. Station).

£1-2-6

The Acme Production Co Ltd  
Smethwick  
Birmingham

## STUDENT'S MICROSCOPE



STAND, with iris diaphragm, double nose-piece, eyepiece,  $\frac{3}{8}$ -in. and  $\frac{1}{4}$ -in. objectives, in case - - - - - £14 11 6

STAND, with Abbe condenser, triple nose-piece, 2 eyepieces,  $\frac{3}{8}$ -in. and  $\frac{1}{4}$ -in. objectives, in case - - - - - £17 2 6

DITTO, with  $\frac{1}{4}$ -in. oil immersion objective - - - - - £22 2 6

ALL OUR MICROSCOPES ARE MADE IN OUR OWN LONDON FACTORY.

Catalogue on request.

**C. BAKER**

(Estab. 1765)

244, HIGH HOLBORN, LONDON, W.C.1.

**Liverpool Programme.**  
Week Beginning Sunday, October 26th.

**SUNDAY, October 26th.**

3.0-5.30.—Programme S.B. from London.  
8.15.—Religious Service relayed from Liverpool Cathedral.  
9.0-10.45.—Programme S.B. from London.

**MONDAY, October 27th, and WEDNESDAY, October 29th.**

3.30-4.30.—Gaillard and his Orchestra, relayed from the Scala Super Cinema.  
5.30-6.15.—CHILDREN'S CORNER.  
7.0-11.0.—Programme S.B. from London.

**TUESDAY, October 28th.**

11.30-12.30.—Mid-day Concert.  
5.30-6.15.—CHILDREN'S CORNER.  
7.0-10.30.—Programme S.B. from London.

**THURSDAY, October 30th.**

3.30-4.30.—The Station Pianoforte Trio.  
5.30-6.15.—CHILDREN'S CORNER.  
7.0-10.30.—Programme S.B. from London.

**FRIDAY, October 31st.**

3.30-4.30.—Gaillard and his Orchestra relayed from the Scala Super Cinema.  
5.30-6.15.—CHILDREN'S CORNER.  
6.40-6.55.—Ministry of Agriculture Talk. S.B. from London.  
7.0.—WEATHER FORECAST and NEWS. S.B. from London.  
PERCY SCHOLES. S.B. from London.  
Local News.

**Request Programme.**

GEORGE JEFFCOCK (Baritone).  
DORIS GAMBELL (Soprano).  
HARRY HUNTER (Solo Bassoon).  
THE STATION ORCHESTRA.  
Under the Direction of  
FREDERICK BROWN.

7.30. Orchestra.  
Overture, "Poet and Peasant" ..... Suppé  
Selection, "Der Rosenkavalier" Strauss  
7.55. Baritone Songs.  
"Bois Epais" ..... Lully (1)  
"King Charles" ..... White (1)  
"Cobblin'" ..... Sanderson (1)  
8.5. Orchestra.  
"Cornelius March" ..... Mendelssohn  
Bassoon Solo.  
"Lucy Long" ..... Godfrey  
8.15. Soprano Songs.  
"Chanson Indoue" ..... Rimsky Korsakov  
"Down Vauxhall Way" ..... Oliver (8)  
8.25. Orchestra.  
"Suite from the Samoan Islands" Gecht (1)  
8.45. Baritone Songs.  
"Jean" ..... Burleigh (5)  
"Song of the Waggoner" ..... Smith  
8.55. Orchestra.  
Selection, "The Little Michus".....Messenger  
9.10. Soprano Songs.  
"I Know a Lovely Garden".....d'Hardelot  
"The Nightingales of Lincoln's Inn"  
Oliver (8)  
9.20. Orchestra.  
Waltz, "Blue Danube" ..... Strauss  
9.30.—WEATHER FORECAST and NEWS.  
S.B. from London.  
Talk by the Home Office. S.B. from  
London.  
Local News.  
10.0. Orchestra.  
Valse Suite, "Three Fours"  
Coleridge-Taylor  
"Reminiscences of Scotland"  
arr. Fred Godfrey  
10.30.—Close down.

**SATURDAY, November 1st.**

3.30-4.30.—Gaillard and his Orchestra.  
5.30-6.15.—CHILDREN'S CORNER.  
7.0-12.0.—Programme S.B. from London.  
Announcer: H. Cecil Pearson.

**CLIMAX  
RADIO**

**WHAT KIND OF EARTH  
DO YOU USE?**

Your Earth connection has an enormous effect on the quality of your reception. A bad earth is not only giving you poor reception, but it is using excessive current necessary to build up weak signals.



**A Water Pipe is bad.**

It is never where it is wanted; it means a long inefficient earth wire with a poor joint to a lead pipe. It involves interference from electric mains and from sets earthed to the same system.

**A Gas-pipe Earth is worse.**

It has all the disadvantages of the water earth, with the addition of a bad electrical contact at each joint.

**A Direct Earth connection is best.**

It means a short straight earth lead from the receiving set to the ground. Here lies the theoretical answer. The practical answer is—

**The CLIMAX Earth Tube is the best form of Direct Earth.**

It is ready for immediate use. It is quickly and easily installed without disturbance to your garden. It occupies minimum space and is most unobtrusive. It penetrates well below the dry earth

surface. Being drilled and perforated, it quickly conducts water to adjoining earth.

Why not make sure of a short, straight, efficient, convenient earth connection, by purchasing

**THE CLIMAX EARTH TUBE,**

Look for the Name Climax on the cap.  
5/-—postage 6d. extra.

Crystal Users should write for Leaflet C13.  
**CLIMAX PATENTS, Ltd.**  
182, Church St., Kensington. Phone: Park 2023

**"TOBY"  
CALLING!**

Here is a photo of "Uncle Arthur" of the B.B.C., who is going to write to you every month in "TOBY" His first letter appears in the November issue.



**£5  
FOR A  
LETTER!**

£5 is waiting for the one who sends in the best letter not exceeding 250 words, containing their description and criticism of the November "TOBY." Closing date of Competition Nov. 15. Full particulars in the November "TOBY." Just out.

**TOBY**  
A Children's Monthly Magazine  
Sevenpence.

**A.J.S.**

**TWO, THREE & FOUR VALVE  
WIRELESS RECEIVERS**

PRICES OF PANELS:	Prices of Complete Sets.
Two Valve ... £12 0 0	Two Valve ... £17 10 0
Three Valve... £15 17 6	Three Valve... £23 5 0
Four Valve ... £20 5 0	Four Valve ... £27 5 0

This handsome Pedestal Cabinet fitted with an A.J.S. Four-Valve Receiver. High and Low Tension Batteries, with A.J.S. Loud Speaker, the horn of which matches the wood is supplied in Mahogany, or in Light or Dark Oak, complete with all accessories ready for use.

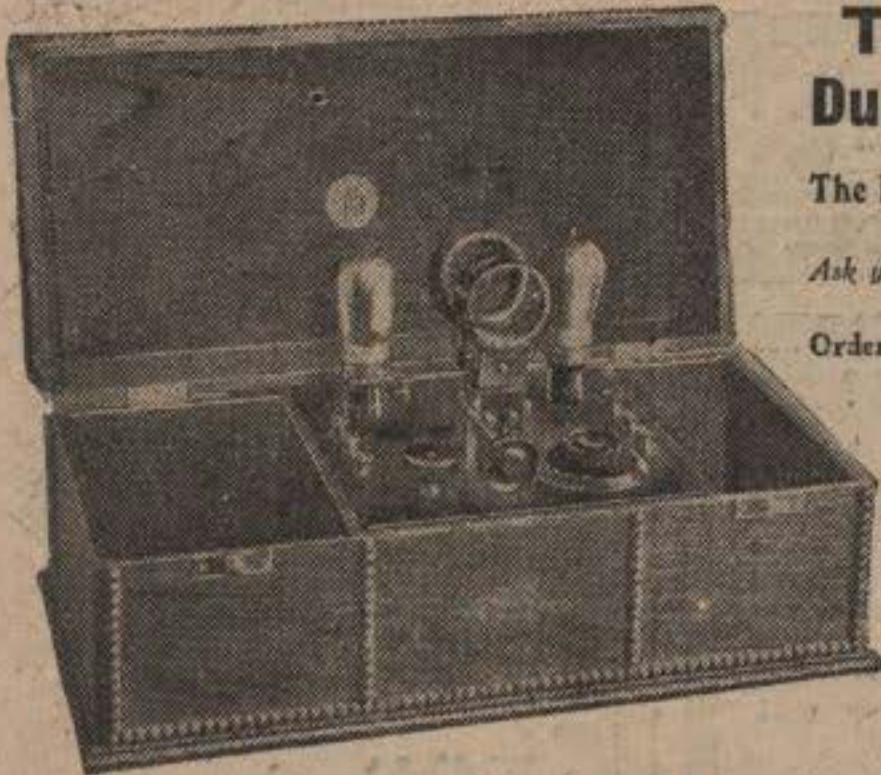
**£52-10-0**

See our Stand, E.4, Palace of Engineering, at the British Empire Exhibition.

If you wish to secure this valuable Agency, write for our Trade Terms and Reduced Prices.



**A. J. STEVENS & CO. (1914), LTD.,**  
WIRELESS LANC., WOLVERHAMPTON.



### The "C.A.C." Duo-Valve Receiver.

The Loud Speaker Set at the modest price of Five Pounds.

Ask your local dealer or call at any of our Branches for demonstration.

Order **NOW** to ensure quick delivery.

The C.A.C. DUO-VALVE RECEIVER has been designed in order to place upon the market a really efficient two-valve Receiver at a price within the reach of all.

Past attempts by other makers to manufacture a similar instrument at anything like so reasonable a price have not met with great success: either the appearance of the set has been sacrificed by substituting a moulded case in an endeavour to cut down the cost of

cabinet work, or economy has been effected by using cheap components of inferior quality.

This is not the case with the C.A.C. Duo-Valve Receiver. A glance at the illustration above will show that the general appearance of the set leaves nothing to be desired, whilst the quality of the components used in its construction is second to none.

The wave-length range of this instrument is unlimited, and providing a really efficient aerial is used under normal conditions, quite good loud speaker results may be expected within about 15 miles of the local broadcasting station. In the case of the high-power stations, this range is considerably increased, and from 75—100 miles is normal. Tuning is carried out by means of a variable condenser, and the reaction coil is adjustable by means of a control knob giving Vernier control.

Prices in enclosed Fumed Oak Jacobean Cabinet, without coils, valves, batteries, &c. (to which must be added Marconi Royalties 25%). **£5:0:0**

## CITY ACCUMULATOR Co

10, Rangoon Street, London, E.C.3. (Royal 4300.)

10, Rupert Street, W.1. (Gerrard 3063.)

79, Mark Lane, E.C.3. (Royal 4301.)

79, Old Christchurch Road, Bournemouth. (Bournemouth 3546.)

## "PHYSIC,"

said Addison, "is, for the most part, nothing else but the substitute of exercise and temperance."

If you had sufficient exercise, and not more than sufficient of the right kind of food, you would be well. But you—most of you—have not enough exercise, and more than enough food, which you take regardless of its being right, either as to quantity or quality.

It is worse than useless for you to take more food if you are already "off-shade," if your system is out of gear and your body



full of ill humours, making you "out of sorts," unwell and vulnerable to disease.

To regain Health, the first step is to drive out the ill humours, the waste matter, the impurities.

This you can do easily, cheaply, comfortably, pleasantly, by the

## GEM TURKISH BATH CABINET

It clears the system, puts life into the blood, and makes you feel young again.

Recommended by Eminent Physicians for the treatment of Colds, Rheumatism, Gout, Eczema, Kidney Disease, and other maladies. Booklet free.

THE GEM SUPPLIES Co., Ltd., Dept. R.T., 67, Southwark St., London, S.E.



### UNRIVALLED BY ANY COMPETITOR!

THE ONLY CRYSTAL SET WITH VARIOMETER TUNING

AT ANYWHERE NEAR THE PRICE.

Other distinctive features: MOULDED EBONITE TOP AND BASE, ENCLOSED DETECTOR WITH BEST CRYSTAL AND POINT, NICKEL-PLATED FITTINGS.

#### Model 1.

For local B.B.C. Stations. Range—30-50 miles (250-700 metres).

**7/6**

#### Model 2.

For 5XX (Chelmsford) and local Station. Range—50-100 miles (250-1500 metres).

**10/-**

Send for our new 1924-5 Catalogue—fascinating bargains on every page.

**WATES BROS. LTD.**  
12-13-14, Gt. Queen St., Kingsway, W.C.2.

\*Phone—Gerrard 575-6.

\*Grams—"Zywatesong, Westcent."

"London calling the British Isles!"

## EXCELDA HANDKERCHIEFS

Everybody wants a good Handkerchief.

Xcellent quality, and reliable.

Comes within a reasonable price.

Enquire from your retailer for 'Excelda'

Leave nothing to chance, Buy 'Excelda'

Don't be misled. See ticket 'Excelda'

Already two Gold Medals have been awarded for 'Excelda' Handkerchiefs.

Made in sizes for Ladies and Gentlemen.

Hemstitched All-White a special production

Also a great variety of Colored borders.

Excelda Soft Collars for Men, a genuine Article.



**Nottingham Programme.**

Week Beginning Sunday, October 26th.

**SUNDAY, October 26th.**

3.0-5.30. } Programmes S.B. from London.  
8.30-10.45. }

**MONDAY, October 27th, THURSDAY, October 30th, and SATURDAY, November 1st.**

3.30-4.30.—Orchestra relayed from the Scala Picture Theatre: Musical Director: Andrew James.

5.0-6.0.—CHILDREN'S CORNER.

7.0 onwards.—Programme S.B. from London.

**TUESDAY, October 28th, and WEDNESDAY, October 29th.**

5.0-6.0.—CHILDREN'S CORNER.

7.0 onwards.—Programme S.B. from London.

**FRIDAY, October 31st.**

5.0-6.0.—CHILDREN'S CORNER.

6.40-6.50.—Ministry of Agriculture Talk. S.B. from London.

7.0.—WEATHER FORECAST and NEWS. S.B. from London.

PERCY SCHOLES. S.B. from London. Local News.

NINA LONSKAYA (Mezzo-Soprano).

EMILY ROSEBLADE (at the Piano).

UNA TRUMAN and IRENE BROOKE (Duets on Two Pianos).

FREDERICK HODGKINSON (Solo Violoncello).

MABEL HODGKINSON (at the Piano).

7.30. Duets on Two Pianos.

Finale from Sonata in D ..... Mozart

Impromptu Rocooco ..... Schutt

7.40. Songs.

"The Fuchsia Tree" } ... Roger Quilter

"A Land of Silence" }

"Passing Dreams" }

7.50. Violoncello Solos.

Spanish Dance ..... David Popper

Nocturno No. 2 ..... Chopin

8.0. Duet on Two Pianos.

Rondo ..... Chopin

8.10.—Prof. ERNEST WEEKLEY, M.A., University College, Nottingham, on "How we got our Surnames."

8.30. Songs.

"Après un Rêve" ..... Faure

"Bergerettes" (Selection of Old French Songs) ..... Weckerlin

"L'Invitation au Voyage" ..... Duparc

8.40. Violoncello Solos.

Papillon ..... David Popper

Celtic Lament ..... J. H. Foulds

8.50. Songs.

"Not a Word, My Friend" }

"At the Ball" ..... } Tchaikovsky

"Spring Song" }

"Last Song" }

9.5. Violoncello Solos.

"Chanson Grecque" ..... Seligmann

"Spinnlied" ..... David Popper

"Le Cygne" ..... Saint-Saens

9.15. Duets on Two Pianos.

Lo Savant ... } From Op. 23, Arensky

La Couquette }

Le Rêveur ... }

Polichinelle ... }

9.30.—WEATHER FORECAST and NEWS. S.B. from London.

Talk by the Home Office. S.B. from London.

Local News.

10.0. THE SANDERS-PAPWORTH BANJO CLUB BAND.

"Gold Diggers" ..... J. Morley

"Kilties' March" ..... Grimshaw

"Valse Sympathie" ..... }

"Camaraderie" ..... Weaver

"Darkies' Romance" ..... Grimshaw

"Rambliñ' Rasters" ..... S. Papworth

Hawaiian Guitars.

"Mimi" ..... Cramer

"Zuella" ..... Papworth

11.0.—Close down.

Announcer: Edward Liveing.



**MULLARD H.F. and L.F. MASTER VALVES**

are acknowledged to be the finest MODERN RADIO ENGINEERING ACHIEVEMENT in wireless receiving valves ever produced for the radio public.

Their whole construction is one of giant strength for supreme efficiency in operation.

You have not achieved the most perfect reception from your wireless set if you have not tried these MULLARD MASTER VALVES.

Demand Mullard H.F. Red Ring Valves for H.F. AMPLIFICATION OR DETECTION, 12/6 each.

Mullard L.F. Green Ring Valves for L.F. AMPLIFICATION, 12/6 each.

Ask your dealer for leaflet M.8 and avoid accidents to your valves by getting the Mullard Safety Disc, free on request.

If you cannot get what you want, send us your dealer's name and address, and we will supply his requirements.

**Mullard**  
**THE MASTER VALVE**

Advertisement of the Mullard Radio Valve Co., Ltd. (Dept. R.F.),  
Nightingale Works, Nightingale Lane, Balham, S.W.12.

BRITISH EMPIRE EXHIBITION, PALACE OF ENGINEERING,  
AVENUE 14, BAY 13.



## Comfort round the Fireside

WITH the approach of the Winter evenings the fireside once more makes its strong appeal. Now is the time to enjoy the comfort and luxury of the famous Berkeley Lounge Suite. It costs so little in comparison with the years of cosy ease and restful enjoyment it holds in store for you. Handsome in design and appearance, this famous upholstery adds dignity and refinement to any home.

The ever increasing demand for these Easy Chairs and Chesterfields proves beyond all doubt that their value is still unrivalled.

### The Berkeley Lounge Suite

**BERKELEY LOUNGE CHESTERFIELD** is a handsome piece of furniture, affording ample accommodation for two persons, and with the adjustable end let down it forms a delightful reclining lounge. A feature of this Chesterfield is that we can guarantee the absolute reliability of the adjustable end, the strength of which is such that when extended it can be safely used as an extra seat. Extreme length, with adjustable end let down, 6ft.

CASH PRICE £10:0:0

or 30/- with order, and 6 payments of 30/- monthly.

**SOLD ON THE MONEY-PACK PRINCIPLE.** Soon after receipt of first payment with your order we send the Suite or piece selected, Carriage Paid in England and Wales (Scotland extra). If upon examination it is not completely satisfactory, you may return it within 7 days at our expense and we will refund your money in full.

WRITE NOW FOR PATTERNS SENT POST FREE.

**H. J. SEARLE & SON, LTD.,** 133, Victoria Street, Westminster, S.W.1, and The Arcade, High Street, Croydon.  
Manufacturing Upholsterers  
(Dept. R.T.), 70-78, Old Kent Road, London, S.E.1.

**BERKELEY EASY CHAIR**

The frame of the Berkeley is exceptionally strong. It is fitted with long steel-coppered springs in the back, seat, and front edge. The Berkeley has bold, broad, heavily upholstered arms with an extra deep seat and double bolstered front. The seat also has an independent front edge which adds greatly to the life of the chair and resiliency of the springs.

CASH PRICE £4:5:0

or 15/- with order, and 5 payments of 15/- monthly.

**BERKELEY WING MODEL**

This attractive model is constructed upon the same lines as the Berkeley Easy Chair, with the exception that it is higher in the back and has large well-upholstered wings that give extra comfort and complete protection from draughts.

CASH PRICE £5:0:0

or 15/- with order and 6 payments of 15/- monthly.



CASH PRICE FOR COMPLETE SUITE

£18:10:0

or £19:10:0—

50/- with order and balance 50/- monthly.

Any piece of the Berkeley Lounge Suite can be supplied separately.

WHEN LISTENING IN—FOLLOW THE MUSIC WITH A MINIATURE FULL SCORE.

GOODWIN & TABB (1924), LTD.,

Are the sole agents for

The Eulenburg Miniature Score Edition

Russian Music of every description is to be had from stock.

Catalogues FREE From

THE HOUSE FOR MINIATURE SCORES

The Russian Music Agency,

GOODWIN & TABB (1924), LTD.,

34, PERCY STREET,

LONDON, W.1.

Telephone: Museum 3504.

Telegrams: Academia, Phone, London.

**TWO ZOX**

**POWDERS FREE**

For NEURALGIA and HEADACHE

FREE Mention this journal and enclose 1½d. stamped addressed envelope for two free ZOX Powders. Chemists and Stores sell ZOX in 1/6 & 3/- boxes, or post free at these prices from THE ZOX CO., 11, Hatton Garden, E.C.1

### VALVE RENEWALS

We repair, by our patent process (for which we have National Physical Laboratory's report of efficiency), all standard types of valves at

6/6 carriage paid, and

**GUARANTEE** at least equal efficiency to new valves. to return in three days.

OR REFUND YOUR MONEY WITHOUT QUIBBLE.

THE ECLAT ELECTRIC MANUFACTURING CO., LTD., SPENCER HILL ROAD, WIMBLEDON.

**Plymouth Programme.**  
Week Beginning Sunday, October 26th.

**SUNDAY, October 26th.**

3.0-5.30. } Programmes S.B. from London.  
8.30-10.15. }

**MONDAY, October 27th, to THURSDAY, October 30th, and SATURDAY, November 1st.**

3.30-4.30.—Albert Denley and his Orchestra, relayed from the New Palladium Cinema. Organist, Ernest Manning. Vocalist, Dorothy Lincoln.

5.30-6.30.—CHILDREN'S CORNER.

7.0 onwards.—Programmes S.B. from London.

**FRIDAY, October 31st.**

3.30-4.30.—Albert Denley and his Orchestra.

5.30-6.30.—CHILDREN'S CORNER.

6.40-6.50.—Ministry of Agriculture Talk. S.B. from London.

7.0.—WEATHER FORECAST and NEWS. S.B. from London.

PERCY SCHOLES. S.B. from London. Local News.

**All-English Night.**

**Great Anniversaries.**

October 21st, 1805—The Battle of Trafalgar.

October 25th, 1854—The Charge of the Light Brigade at Balaklava.

October 29th, 1618—Sir Walter Raleigh.

**THE PLYMOUTH MADRIGAL SOCIETY.**

Hon. Conductor, HAROLD C. LAKE.  
BAND OF H.M. ROYAL MARINES (Plymouth Division).

(By Permission of Col. Com. F. C. Edwards and Officers R.M.)

**Musical Director,**

Lieut. P. S. G. O'DONNELL, M.V.O.

7.30. The Band.  
"A Children's Overture" .. Roger Quilter  
Selection, "Merrie England" Ed. German  
Madrigals.

"Summer is 'eumen In" ("Summer is A-coming In") .. Anon (11)

"Sweet Honey-sucking Bees" .. John Wilbye (11)

"Ave Verum Corpus" .. William Byrd

8.0. The Band.  
Selection, "The Boggar's Opera" .. Gay and Austin (1)

"Mock Morris Dance" .. Percy Grainger

8.30. Madrigals.

"In Going to My Lonely Bed" .. Richard Edwards (11)

"Sleep, Gentle Lady" .. Bishop (11)

"When Love and Beauty" .. Sullivan (11)

8.45. An Interlude, "Truth," by CASSIUS.

The Band.

Nautical Selection, "Trafalgar" .. arr. P. S. G. O'Donnell

"Lo! Here the Gentle Lark" .. Bishop

(Flute, Musician A. WOOD; Clarinet, Band Sgt. H. MATTHEWS.)

9.0.—Mr. T. WILKINSON-RIDDLE, F.R.S.A., on "Some Notable Dates in October."

Madrigals.

"O Happy Eyes" .. Elgar (11)

"What the Bee is to the Flow'ret" .. Stanford

9.30.—WEATHER FORECAST and NEWS. S.B. from London.

Talk by the Home Office. S.B. from London.

Local News.

10.0. Madrigals.

"To the Virgins" ("Gather Ye Rosebuds") .. Roger Quilter

"The Wind in the Chimney" .. John B. McEwen (14)

Mr. GEORGE W. WHERRY on "The Penny in the Pound."

The Band.

Selection of English Airs .. arr. Godfrey (1)

"Land of Hope and Glory" .. Elgar (1)

10.30.—Close down.

Announcer: Clarence Goode.



*The Spirit of Pioneering*

**T**HE spirit of Pioneering—that driving force which compelled such men as Cook, Livingstone, Stanley, Scott and others, to write their names boldly in the pages of our national history—has also its counterpart in industry.

There is not one invention that has not been seized upon and improved almost out of recognition because some keen-witted scientist realised that following in the beaten track meant an end to progress.

Take Wireless Valves as an example. For a considerable period it seemed obvious that the most practical design for the three components of the valve was a long straight filament operating within a spiral Grid—the whole surrounded by a tubular Anode.

That such a design has the disadvantage of permitting a certain proportion of the electron stream to leak out of each end of the Anode without doing any work is quite apparent. Yet not until the Cossor Valve—with its arched filament and hood-shaped Grid and Anode—was placed on the market that any serious attempt was made to effect an improvement.

And the same spirit of pioneering is apparent in the clever method of packing Cossor Valves now being introduced. In future, all Cossor Valves sold will be in sealed cartons, and by means of an electrical device the Dealer can demonstrate that the filament is intact, without breaking the seal. This patented method is an exclusive Cossor feature, and a definite guarantee that the valve you buy is new and unused.

**Wuncell Valves.**

Drop us a post card for an interesting large Folder giving full particulars of the new Wuncell Diode Emitter—a remarkable Cossor Valve now being placed on the market.

**Manufactured in two types**

P.1. (For Detector and L.F. use) .. 12/6  
P.2 (With Red Top.) For H.F. use .. 12/6



**Cossor Valves**

Advertisement of A. C. Cossor, Ltd., Highbury Grove, N.5.

Gilbert Ad. 1569



**The Law decides  
for Ericsson (British) 'Phones**  
In the High Court of Justice  
the sixth day August 1924 between  
**THE BRITISH L. M. ERICSSON MANUFACTURING  
CO., LTD. (Plaintiffs) and OTHERS (Defendants).**

**Important Notice**

HAVING received many complaints from disappointed customers who have been misled by the false description given to 'phones sold by some dealers and described as "Ericssons," we have been compelled to take action in the High Court of Justice. The following is an extract from the Court Order:—

"This Court Doth Order and Adjudge that the Defendants their servants and agents be perpetually restrained from using the name Ericsson as descriptive of or in connection with the sale of Head 'Phones for Wireless Telephony (other than Head 'Phones manufactured by the Plaintiffs) without clearly distinguishing the Head 'Phones so sold from the Head 'Phones manufactured by the Plaintiffs and from selling or offering or advertising for sale any Head 'Phones not manufactured by the Plaintiffs in such manner as to represent or lead to the belief that the Head 'Phones so sold or offered or advertised for sale are of the Plaintiffs' manufacture.

"And it is Ordered that the Defendants do pay to the Plaintiffs their costs of this action" etc.

ALWAYS ask for Ericsson BRITISH Tele-phones. They have "Ericsson" stamped on each earpiece.

Prices: 120 ohms - - 24/6  
2,000 " - - 25/6  
4,000 " - - 26/6

Write to-day for lists or apply nearest agent regarding Ericsson products.

- Selling Agents:—**  
 MANCHESTER: Palestine Wireless Equipment Co., 5, King Street W., Deansgate.  
 NOTTINGHAM: W. J. Funn & Co., Traffic Street.  
 COLCHESTER: 121, High Street.  
 SCOTLAND: Malcolm Greig & Co., 27, Robertson Street, Glasgow.  
 BIRMINGHAM: 14-15, Snow Hill.  
 N.E. ENGLAND: Milburn Ho., Newcastle-on-Tyne.  
 LEEDS: North British Engineering Equipment Co., Finsbury Buildings, Leeds Lane.  
 IRISH FREE STATE: Stocks carried by A. W. Doyle, Kelly & Co., 171, Pearse St., Dublin.  
 BELFAST: J. Roberts Ltd., 46, May Street.

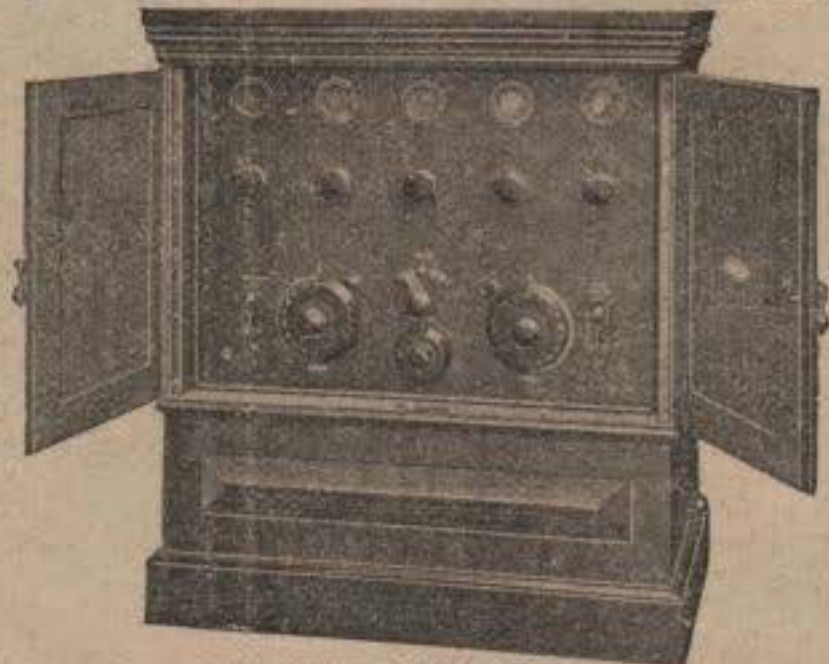
THE BRITISH L. M. ERICSSON MFG. CO., LTD., 67/73, Kingsway, London, W.C.2.

**Ericsson** (British) Telephones



Buy British Goods Only

**EXCLUSIVE**  
in design and in the  
**QUALITY of REPRODUCTION**



THE CURTIS "SANDRINGHAM."

The luxuriously silent functioning of the Curtis Models is the exclusive characteristic which places the Rolls-Royce car somewhat above ordinary comparison.

Prices range from £25 to 200 Guineas.

We would be happy to advise clients as to the Model best suited to their requirements and to supervise the efficient erection of the complete installation in conjunction with their local Agent.

**PETER CURTIS, LTD.**  
75, CAMDEN ROAD, N.W.1.

Telegrams: "Paracurtex."  
BIRMINGHAM: 76, Newall Street.  
MANCHESTER: 312, Deansgate.

Phone: North 856.  
Central 7235.  
Central 5095.

In Conjunction with  
THE PARAGON RUBBER MANUFACTURING CO., LTD., HULL.

THE CENTRE OF INTEREST  
at the recent wireless exhibition.



**LOUD SPEAKER**

Fit one to your set and—YOU HEAR THE MUSICIAN HIMSELF.

Write for illustrated folder containing particulars of all models.

**C.A. Vandervell & Co., Ltd.**  
ACTON VALE, LONDON, W. 3



2,000 ohms  
£5  
£2-15 0  
£1-10 0

**The Mighty Atom!**

Probably the smallest, and yet decidedly the most important member of your Receiving Set—the D.L.5. Crystal. Every day it is establishing new records in long distance crystal reception, whilst its stability makes it the perfect rectifier for dual circuits. Use it in conjunction with the famous "Palladium" Catwhisker.

Two large pieces of crystal, together with the essential Palladium catwhisker 2/-

From your dealer, or send to  
**THE J. W. B. WIRELESS Co.,**  
310a/312a, Easton Rd., N.W.1. (Facing Warren Street Tube Station.)  
Phone: Museum 2747.



**D.L.5. CRYSTAL**  
and  
"Palladium" Catwhisker

## Sheffield Programme.

Week Beginning Sunday, October 26th.

### SUNDAY, October 26th.

3.0-5.30. } Programmes S.B. from London.  
8.30-10.45. }

### MONDAY, October 27th.

11.30-12.0.—Gramophone Records.  
3.30-4.30.—Programme S.B. from Birmingham.  
5.0-5.30.—WOMEN'S HALF-HOUR.  
5.30-6.45.—CHILDREN'S CORNER.  
7.0-11.0.—Programme S.B. from London.

### TUESDAY, Oct. 28th, THURSDAY, Oct. 30th.

11.30-12.30.—Gramophone Records.  
3.30-4.30.—Relayed from the Albert Hall.  
5.0-5.30.—WOMEN'S HALF-HOUR.  
5.30-6.30.—CHILDREN'S CORNER.  
7.0-10.30.—Programme S.B. from London.

### WEDNESDAY, October 29th.

11.30-12.30.—Gramophone Records.  
3.30-4.30.—Local Concert.  
5.0-5.30.—WOMEN'S HALF-HOUR.  
5.30-6.45.—CHILDREN'S CORNER.  
7.0-11.0.—Programme S.B. from London.

### FRIDAY, October 31st.

11.30-12.30.—Gramophone Records.  
3.30-4.30.—Programme S.B. from Birmingham.  
5.30-6.30.—CHILDREN'S CORNER.  
6.40-6.55.—Ministry of Agriculture Talk. S.B. from London.

7.0.—WEATHER FORECAST and NEWS. S.B. from London.

PERCY SCHOLES. S.B. from London.  
Local News.

THE STATION QUARTET AND TRIO.  
Under the Direction of COLLIN SMITH.

ENA ROBERTS (Contralto)

LEONARD ROBERTS (Baritone).

W. TOMLINSON (Solo Clarinet).

ROBERT BEEVERS (Humorist).

7.30. Trio.  
1st Movement of Trio in B Flat...Schubert  
Ena Roberts and Leonard Roberts.

Duet, "O No, John"...arr. Cecil Sharpe (11)  
Clarinet Solo.

Introduction and Rondo Caprice....Reed  
Leonard Roberts.

"The Lute Player".....F. Allitsen

"Four Indian Love Lyrics"  
A. Woodforde-Finden (1)

Quartet.  
Selected.

Ena Roberts.

"O Lovely Night".....Landon Ronald (5)

Ena Roberts.

"Down in the Forest"...Landon Ronald (5)

Robert Beever's will Entertain.

Trio.

Fantasiestücke.....Schumann

Gypsy Rondo.....Haydn

Ena Roberts and Leonard Roberts.

Duet, "Passing By".....Purcell

Quartet.

"A Children's Suite".....Ansell

Clarinet Solos.

"Idylle Printanière".....Pratt

Berceuse, Op. 9.....Marcelle Soulagé

Leonard Roberts.

Selected.

Trio.

Valse Russe.....Frank Bridge

"Handel in the Strand".....P. Grainger

9.30.—WEATHER FORECAST and NEWS. S.B. from London.

Talk by the Home Office. S.B. from London.

Local News.

10.0. Ena Roberts.

Selected.

Robert Beever's Entertaining.

Quartet.

Claire de Lune.....Gabriel Faure

Norwegian Country Dances...Gaston Borch

10.30.—Close down.

### SATURDAY, November 1st.

11.30-12.30.—Gramophone Records.

3.30-4.30.—Programme S.B. from Manchester.

5.30-6.30.—CHILDREN'S CORNER.

7.0-12.0.—Programme S.B. from London.

Announcer: H. C. Head-Jenner.



# Louden



❖ **Doublings !!** ❖

## 10/-

The search for hidden treasure was formerly one of the recognised methods of acquiring wealth.

Unfortunately most of the treasure has now been found, so we have to fall back on the adage, "A penny saved is a penny gained," and amass our treasure by not spending it.

The two chief sources of expense in Wireless are the recharging of accumulators and the replacement of valves.

The Louden Valve reduces these to such an extent that, reckoned by the money it saves, it is a fortune in itself.

To begin with the Louden Valve costs only 10/-.

It takes only 0.4 ampere in the filament, enabling your accumulators to last twice as long on one charge as with the ordinary bright filament valve taking 0.75 amp. You have, in fact, very nearly the advantage of a dull emitter valve at a cost of 10/-1

It gives its maximum volume at about 4.9 volts on the filament. Increasing the brilliance of the filament beyond this point causes a slight drop in the volume. Thus there is no temptation to run the valve "all out" and a long life results.

Finally, the filament enjoys great length of life because the harmful charges which otherwise would continuously bombard it are forced through the spiral anode out of harm's way.

All these advantages are yours when you buy a 10/- Louden Valve, and this takes no account of the Silver-Clear reproduction which alone makes the Louden Valve worth twice what is asked for it.

Buy Louden Valves for your set to-day and prove the matter for yourself.



The Plain Louden for detecting and low Frequency Amplifying. The Blue Louden for B.P. Amplification. Filament Volts 4.5-5. Filament Amps. 0.4. Anode Volts 40-50.

## FELLOWS WIRELESS

All Loudens are silver clear and free from "Mush." Manufactured throughout in Great Britain. The Current consumption is very low and the life long.

## Louden Valves - Silver Clear

ADVT. OF THE FELLOWS MAGNETO CO., LTD., PARK ROYAL, LONDON, N.W.10.

E.P.S.4

Comparison proves "Sparta" supremacy

A visit to a demonstration will quickly convince you that for all classes of vocal, orchestral and instrumental entertainment,

Nothing equals the **Sparta**  
—The Speaker of Combined Excellence.



Demonstrations of the "Sparta" Loud Speaker are given during broadcasting hours at Gaiety, Harrods, Selfridges, The Service Trading Co. (289-292, High Holborn), City Accumulator Co. (79, Mark Lane, E.C. 3), Salmon (35, Grafton Street, Tottenham Court Road), Pico Scott, Ltd. (17, City Road, and 62, High Holborn), Messrs. Piggot Bros. (Bishopsgate, E.C. 1).

Type A. 120 ohms  
Type H.A. 2,000 "  
Type H.H.A. 4,000 "  
£4-15-0.

Type B. 120 ohms.  
The first Loud-Speaker to provide for additional control through a 6-position tone selector.  
£5-15-0.

Type H.B. 2,000 ohms.  
£6-0-0.

Type H.H.B. 4,000 ohms.  
£6-0-0.

Write for list 315 B, fully describing the complete "Fuller" range of wireless components.

Fuller's United Electric Works, Limited, Woodland Works, Chadwell Heath, Essex  
Telephone—1269 (16 lines).  
Telegrams—"Fuller, Chadwell Heath."  
London Depot: 58, High St., W.C.2  
Telephone—Garrard 5070.

The Speaker of Combined Excellence.

The Crystal with Valve Power



**NEUTRON**  
THE WORLD'S GREATEST RADIO CRYSTAL

CONCERT TESTED & GUARANTEED.

"Your crystal has most certainly passed a severe test to which it was put by me. e.g. Used in conjunction with multi-valve set reflex. Wonderful result."

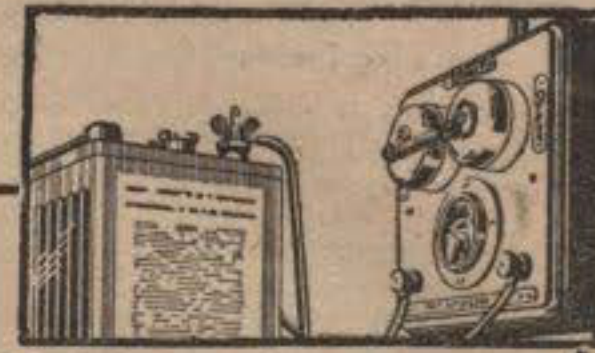
W. L. Bristol.

Price 1/6

Sole Producers  
**NEUTRON LTD.**,  
Sicilian Hse., Southampton Row, London, W.C.1.  
Phone—Museum 2677.

Insist on NEUTRON from your Dealer or mail 1/6 for sample to:—

Sole Distributors—  
**V. ZEITLIN & SONS**,  
144, Theobald's Road, London, W.C.1.  
Telephone—Museum 6841.



Charge your own ACCUMULATORS at home—FREE!

Why spend good money every week to have your accumulators re-charged when you can do them yourself at home, FREE OF ALL COST?

Why suffer the annoyance of being left with accumulators run down and the trouble of carrying them to a charging station, when you can keep them always fully charged and in perfect condition in your own home.

If you have a Direct Current supply of electricity of any voltage in your house, either for lighting or heating purposes, all you need to charge your own accumulators at home is the

**ULINKIN**  
(Patent No. 212391.)

The D.C. Home Battery Charger

which charges your batteries automatically whenever you have lights, radiators, electric irons or vacuum cleaner in use in any part of your house, without consuming any extra current, and therefore free of cost.

Price £2 : 2 : 0 Carriage Free.

Complete with simple instructions for fixing. Illustrated Pamphlet and full particulars post free on request.

**THE GRAN-GOLDMAN SERVICE**

(Dept. R. 21), 71, Fleet Street, London, E.C.4.  
Trade Enquiries Invited.

**TUNGSTALITE**

BLUE LABEL (Regd. No. 447149)

"BEAUTIFUL RESULTS."

Messrs. Tungstalite, Ltd., Shrewsbury, October 8th, 1924.  
47, Farringdon Road, E.C.

Dear Sirs,  
Please send me by return two Tungstalite crystals to the value of 3/-, enclosed.  
The music one hears through your crystal on my S.T.100 set is very beautiful.  
Yours faithfully, "Satisfied."

1/6. FROM ALL DEALERS. 1/6.

**TUNGSTALITE, LTD.**, Electric Lamp House,  
47, Farringdon Rd., LONDON, E.C.1 | 41, Call Lane, LEEDS.  
Phone—Hibernia 2257. Phone—Leeds 21379.  
Grams—Tunglamp South. Grams—Tunglamp Leeds.  
Look Out for the Blue Seal on Every Tube.



**STEEL MASTS**

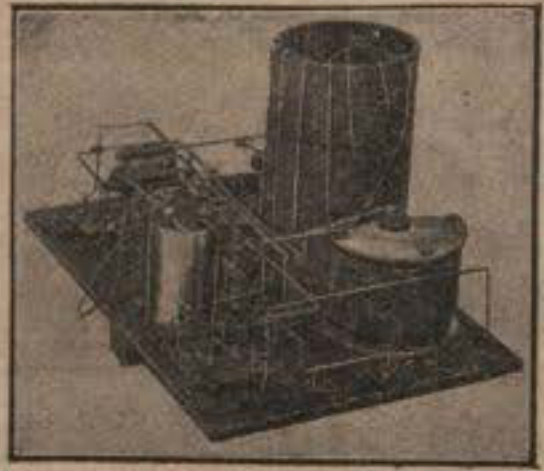
Why not—



Let "Abbey" Masts help you to bring in the distant stations? Light, strong and easily erected, they are suitable for fixing to roof, wall or ground. Complete with all accessories, in 10 ft. sections, 20 ft. 50/-, 40 ft. 68/-, 50 ft. 90/-, 60 ft. 105/-, 70 ft. 137/-. All carriage paid. When it is necessary to erect your aerial in a confined space, specify the "Abbey" Directional Frame Aerial (Prov. Pat.). Fitted complete with a 15 ft. chimney mast and easily rotated, it gives far superior results than when using a short aerial of the usual "L" Type. 67/6 carriage paid.

A good Aerial is as good as another valve.

Send P.C. for illustrated lists.  
**ABBEY ENGINEERING WORKS,**  
WATTON, NORFOLK.



One of our instruments about half finished (note special design of coil which gives high efficiency and eliminates interferences).

FOR THOSE WHO WANT THE BEST

Dunham Instruments will particularly appeal. When you buy a wireless receiver it will pay you to buy the best with an assurance of quality and with a definite guarantee. The unique design and circuit arrangements make Dunham Instruments the most efficient and their beautiful finish gives them pride of place in every home. Wonderfully built and designed, they give a range that is unequalled with a rendering that is perfect and they are extremely simple to operate. The Dunham 3-valve set will bring in distant stations on the loud speaker up to 400 or 500 miles, and the new high-power station up to approximately 800 miles. Its range includes, not only all B.B.C. stations, but Paris, Radiola, etc. On an indoor aerial it has a range of from 400 to 500 miles and signals come through loudly and clearly. A beautiful receiver, wonderfully built and designed with an EVERLASTING GUARANTEE. 3-Valve Receiver £9. 12s. 6. plus Marconi royalty fee 37/6, or absolutely complete £15. 16s. 6. Write for full catalogue and more particulars of the wonderful machines we market and traders for Agency forms and good trade terms.

**C. S. DUNHAM, (Radio Engineer),**  
late of Marconi Sc. Inst. Co., 234/6, Brixton Hill, S.W.2.  
Phone: Brixton 3325. New and easy deferred payments.



The "DUNHAM" 3-Valve Receiver.

## Stoke - on - Trent Programme.

Week Beginning Sunday, October 26th.

### SUNDAY, October 26th.

3.0-5.30. }  
8.30-10.45. } Programmes S.B. from London.

### MONDAY, October 27th, to THURSDAY, October 30th, and SATURDAY, November 1st.

3.30-4.30.—The Majestic Cinema Orchestra: Musical Director, Thomas Beckett.  
5.30-6.15.—CHILDREN'S CORNER.  
7.0 onwards.—Programme S.B. from London.

### FRIDAY, October 31st.

3.30-4.30.—The Majestic Cinema Orchestra.  
5.30-6.15.—CHILDREN'S CORNER.  
6.40-6.55.—Ministry of Agriculture Talk. S.B. from London.  
7.0.—WEATHER FORECAST and NEWS. S.B. from London.  
PERCY SCHOLES. S.B. from London.  
Local News.

#### PIANOFORTE TRIO:

PHILIP A. BALL (Violin);  
EDITH REDDING (Violoncello);  
F. HAROLD MORRIS (Pianoforte).  
MAY FENNEL (Contralto).  
FRANK EDGE (Tenor).

- 7.30. Trio.  
Meditation, "Eventide" .... Myddleton  
Suite, "Rural Scenes" ..... Matt
- 7.50. Contralto Songs.  
"Love Went a-Riding" ..... Frank Bridge  
"Vale" ..... Kennedy Russell  
"If I Were Sure" ..... Francis Dorel (1)
- 8.0. Trio.  
"The Masque" ("As You Like It")  
German (11)
- 8.15. Tenor Songs.  
Selected.
- 8.25. Trio.  
Selection, "Merrie England" ..... German
- 8.45. Contralto and Tenor Duet.  
Selected.
- 8.50. Pianoforte Solos.  
Prelude ..... Gardiner (24)  
Vert Galant ..... Chaminade (5)  
Noel ..... Gardiner (24)
- 9.5. Contralto Songs.  
"Kathleen Mavourneen" ..... Crouch  
"Slumber, Dear Maid" ..... Handel
- 9.45. Trio.  
"Three Irish Pictures" ..... Ansell
- 9.30.—WEATHER FORECAST and NEWS. S.B. from London.  
Talk by the Home Office. S.B. from London.  
Local News.
- 10.0. Tenor Songs.  
"Love Light" ..... Alma Goatley (15)
- 10.10. Trio.  
"Dawn" ..... Mott  
"Serenade" ..... Chaminade  
"Hungarian Dances," Nos. 5 and 6. Brahms
- 10.30.—Close down.  
Announcer: J. C. Clarke.

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



Super-2 Valve set, complete with H.T. Battery, Accumulator, 100 ft. 7/22 stranded copper aerial, 2 Insulators, 1 pair 4,000 ohm Headphones. £11 0 0  
Plus Marconi Tax £1 5 0. Valves extra. 10/- each.  
2-Valve Amplifier mounted in cabinet, suitable with the 2-Valve Set. Price £5 0 0  
Plus Marconi tax £1 5 0. Valves extra. 10/- each.

# Litotes



That's a lovely word, and as usual it means something quite simple. My dictionary says, "A deliberate understatement"—the reverse of exaggeration. Quite simple, as I say, but certainly not quite common. But I have just been reading my leaflet on the Fellows Super-2 Valve Set, and I flatter myself that it is truly a case of Litotes. The Super-2 Leaflet says, "These two units (the Super-2 and the Amplifying Unit), in conjunction with a Loud Speaker, will give satisfactory results in all parts of the country." "Will give satisfactory results," mark you! You should see some of the letters of congratulation

I receive. You should hear some of my friends telling their pals about their results. The claims they make for their Fellows Super-2!!! They are probably true, too, allowing for a little justifiable enthusiasm, but all the same, I think I shall go on with my modest claims. It is good to feel that we give even more than we promise. What we do definitely promise always is

#### "Quality Apparatus at Low Cost"

Ask your local man for some of our leaflets, and then listen to a Fellows Set in operation. You will say with me—"Litotes" and, moreover, mean what you say!

UNCLE FELLOWS.

# FELLOWS WIRELESS

E.P.S. 80.

Dear Uncle Palmer,

I have got a new wireless and I want Father Christmas to bring me a book this Christmas full of stories by all the Uncles and Aunties. Will you please tell him.

With love,  
from  
Dorothy.

And me too.  
Love from  
Mary.

Forty - Nine Chandos Street,

Covent Garden, London, W.C.2.

Dear Readers of "RADIO TIMES,"

A publisher's post-bag is always full of surprises—some pleasant, some unpleasant. Perhaps the pleasantest letter I have received recently is the one I have taken the liberty of reproducing in facsimile opposite these words. It came to me from two little people who have convinced themselves that I possess considerable persuasive powers with FATHER XMAS. Anyway, each Christmas has brought them Gift Books, and, rightly or wrongly, these splendid presents have been attributed to my influence. Their letter to me speaks for itself. IT IS IRRESISTIBLE IN ITS APPEAL. This particular little girl and boy, like hundreds of thousands of other girls and boys, are keen and wildly enthusiastic "LISTENERS-IN" on the WIRELESS. My duty stared me in the face. I must ask ALL THE AUNTIES AND ALL THE UNCLES

associated with all the STATIONS OF THE B.B.C. to co-operate with me in the production of a book for the "WIRELESS" GIRLS and another for the "WIRELESS" BOYS. The response to this appeal has been magnificent.

ALL THE AUNTIES AND ALL THE UNCLES who have made the "CHILDREN'S CORNER" an enthralling experience for countless children of all ages throughout the country, have written SPECIAL STORIES for these two NEW CHRISTMAS ANNUALS. I have decided to call the volumes respectively

## HULLO GIRLS! AND HULLO BOYS!

Each book is full of ILLUSTRATIONS—OVER ONE HUNDRED (100) in beautiful photogravure, and SIXTEEN (16) full pages in rich colours, painted by well-known artists, among whom may be mentioned, WILL DYSON, JESSIE M. KING, DORIS PALMER, BROADFOOT CARTER, LILIAN FOCKNEIL, ARCH WEBB, FICHARD OGLE and C. E. MONTFORD. And for the first time, the children will be able to see an ACTUAL PHOTOGRAPH OF THEIR FAVOURITE AUNTIE OR UNCLE, for all the contributors have supplied photographs of themselves, which will appear at the beginning of each story. These two wonderful volumes are being bound in STRONG CLOTH, and the size of each volume is 10 inches by 7½. I do not hesitate to claim that they are the most exceptional value in quality and quantity. They are being produced by a NEW PROCESS, which gives the very finest printing results, both of the text and illustrations. In appearance they are the equal of any other Children's Annuals on the market costing 6/- or 7/6. The price of

**HULLO GIRLS! and HULLO BOYS! is only THREE SHILLINGS EACH.**

Both volumes will be published early in NOVEMBER, in good time for Xmas. But a word of warning is necessary. Only a limited edition can be printed of these elaborate volumes before Xmas, and as the demand already foreshadowed promises to exceed the possible supply, parents who wish to reserve copies for their children on Xmas Morning should place their orders NOW. I am so confident that purchasers will be completely satisfied with every claim I have made for the unique character of these two Annuals, that I am prepared to make the following guarantee. Any purchaser of either, or both, of these books who is DISSATISFIED with them after perusal, if such purchaser will return the book or books to me immediately, I will gladly exchange same for any book or books of equivalent price in my catalogue. Finally, do not trouble to send orders direct to me. Place your orders IMMEDIATELY with your LOCAL BOOKSELLER or NEWSAGENT, or with your local STATION BOOKSTALL CLERK. You will get EVERY ATTENTION through these sources.

Yours faithfully,

*Cecil Palmer.*



# “ALL ABOUT THE B.B.C.”

16-Page BOOKLET

## FREE

With every copy of TO-DAY'S

# POPULAR WIRELESS

3d  
Weekly

Scientific Adviser : Sir OLIVER LODGE, F.R.S., D.Sc.

“All About the B.B.C.” is not a technical booklet; it is for the general listener-in. Every listener-in is more or less interested in the personnel of the B.B.C.; what the studio is like, &c. This booklet, specially written by the well-known “Ariel,” the best informed writer of the day on B.B.C. topics, contains facts and fancies, anecdotes and stories about Captain Eckersley, Uncle Arthur, &c., and other popular B.B.C. people. It fully describes the B.B.C. studios and makes a fascinating story which every listener-in will read with delight. Make sure of your copy by getting this week's “POPULAR WIRELESS” to-day.

Other Outstanding Features in this splendid issue of “POPULAR WIRELESS” includes:—

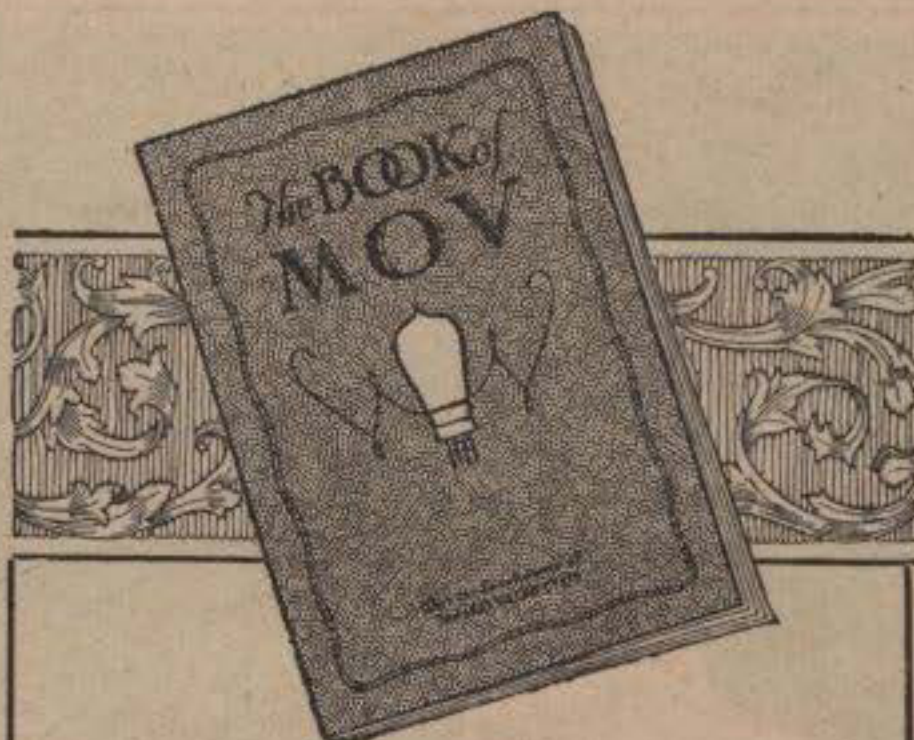
“SATISFYING A NATION.”

By Mr. J. C. W. REITH (Managing Director of the B.B.C.).

“HOW TO READ WIRELESS SYMBOLS AND DIAGRAMS.”

A Novel Pictorial Feature for the New Amateur.

And many other interesting Technical and Non-Technical Articles.



## Get this book — free!

The Book of MOV has been written and compiled by radio experts at Marconi House and the Osram Lamp Works. It is the most interesting and instructive work of its kind ever produced, and is issued gratis by the proprietors of

**MARCONI VALVES**  
MADE AT THE OSRAM LAMP WORKS

Sold by Wireless and Electrical Dealers, Stores, etc.

The Book of MOV is a work of reference invaluable alike to the beginner and the experienced experimenter. It should be in the hands of every wireless enthusiast. The voucher below entitles you to a copy.

Copies of The Book of MOV may also be had from Wireless and Electrical Dealers, Stores, etc.

Fill in and post this Voucher NOW

Messrs. The M.O. VALVE Co., Ltd.,  
Brook Green, London, W.6.

Please send me, post free, a copy of The Book of MOV.

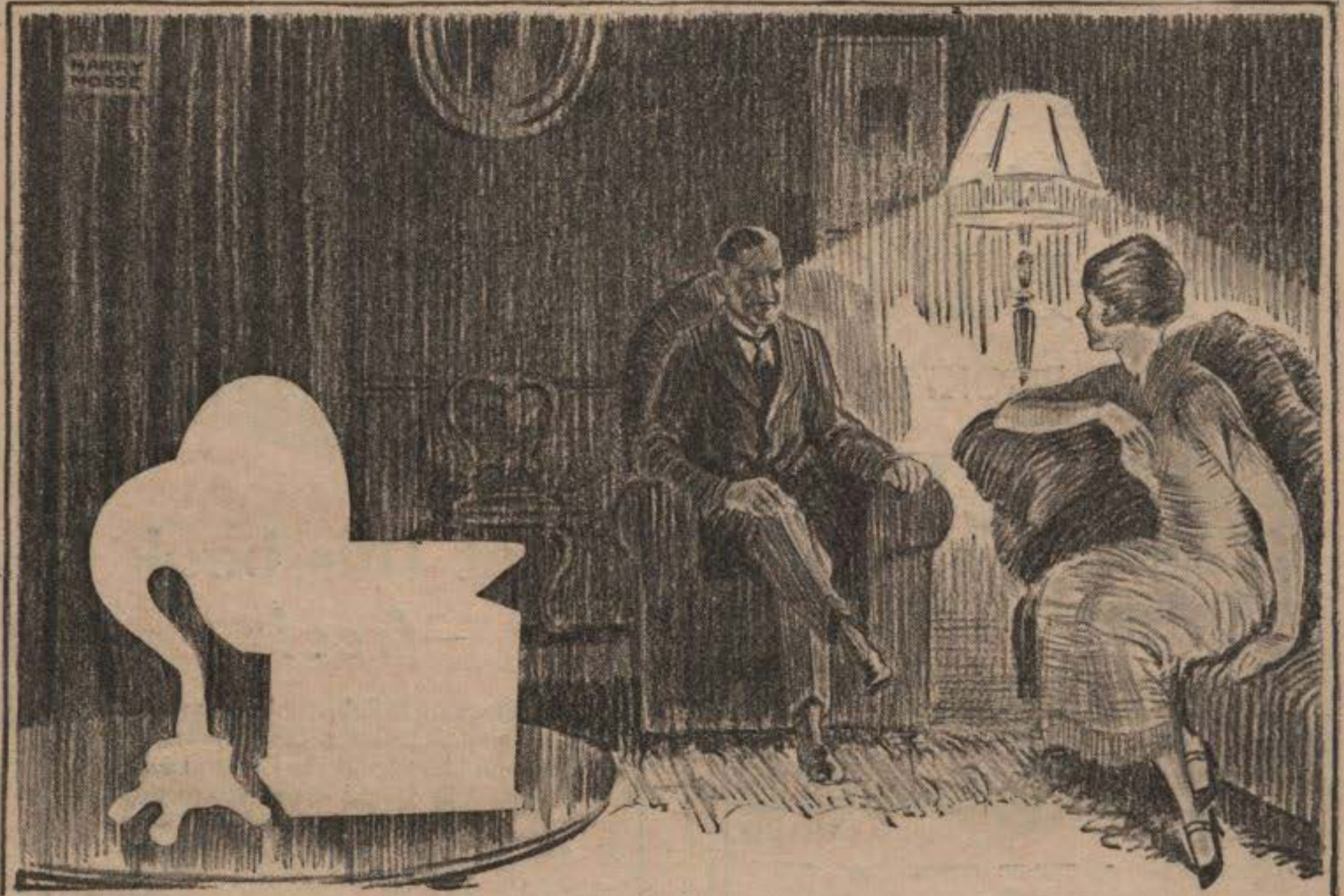
Name .....

Address .....

B.T. 24/10

Get the Valve in the Purple Box

Announcement of The M.O. Valve Co., Ltd.



*There's a place in your home for the Ethophone III*



*Purchase Burndeft by its name—  
substitutes are not the same.*

**T**HE Ethophone III is an ideal family receiver. Very selective and simply-operated, this splendid Burndeft instrument is noted for its faithful reproduction of broadcast speech and music on a loud speaker. The Ethophone III and the Ethovox Loud Speaker are a wonderful combination which, for purity of tone especially, are satisfactory in every way. An important feature is that the second valve is *resistance-coupled*, this method of amplification having been advocated by the Chief Engineer of the B.B.C. as eminently desirable when distortion is to be minimised.

The Ethophone III employs three valves, the first of which operates as radio-frequency amplifier and detector. A single switch controls the lighting of the valves and the whole wavelength range of 200-2,000 metres. No plug-in coils are required. Tuning is effected by one knob, a second giving controlled reaction. The loud speaker range is about 50 miles from a main station, and about 200 miles from the high-power station.

Send the Coupon now for full particulars of the Ethophone III, and the Ethovox Loud Speaker.

No. 1504. **Ethophone III** in magnificent, hand-polished cabinet, without valves or batteries, £20, to which must be added £1 17s 6d., Marconi Licence. **Ethovox Loud Speaker** (No. 203, 120 ohms; No. 204, 2,000 ohms), £5.

**CUT HERE**

To BURNDEPT LTD., Aldine House, Bedford Street, Strand, W.C.2.

Please send me full particulars of the Ethophone III and the Ethovox Loud Speaker.

NAME.....

ADDRESS.....

DATE....."Radio Times" 24/10/24.

**BURNDEPT**  
**WIRELESS APPARATUS**

**BURNDEPT LTD., Aldine House, Bedford Street, Strand, W.C.2**  
LEEDS: 12, Basinghall Street (near City Square). CARDIFF: 67, Queen Street.  
NORTHAMPTON: 10, The Drapery.



**How are you going to spend your winter evenings?**

**N**OT in the old-fashioned dull way—surely. Keep in touch with the world; all the latest news, concerts with the world's finest talent, interesting lectures, will make every evening a delight to owners of a first-class wireless set, like the

We illustrate two popular Efescaphone models. There are many others from a simple crystal set to a luxuriously fitted 5-valve set. Each gives perfect reception within its range; each is exceptionally simple to operate; each is neat and compact in design, and each can boast of handsome cabinet work. The wave-length range of the multi-valve sets embraces both British and Continental Broadcasting Stations.



In Catalogue 522, every EFESCAPHONE Set and all our Efesca components are fully illustrated and described. Write us for a FREE copy to-day.

*Efescaphone Sets are sold by most Wireless Dealers, Electricians & Ironmongers.*

Wholesale only:

**FALK, STADELMANN & CO., LIMITED,**  
83-85-87, Farringdon Road, London, E.C.1.  
And at Glasgow, Manchester and Birmingham.



**The "St. VINCENT"  
Crystal-Valve  
Model Efescaphone.**

No matter where you live the "St. Vincent" enables you to listen-in with headphones to the nearest Broadcasting Station. In addition the one-valve model "St. Vincent" operates a loud speaker within a radius of 10 to 15 miles of a Broadcasting Station, and a two-valve model from 30 to 40 miles.

Price complete with headphones and all accessories except valves:

One-valve £10 Two-valve £13:15:0



**The  
"NELSON" Model-de-Luxe Efescaphone.**

A very fine 3-valve model with a wave-length range covering both British and Continental Broadcasting Stations. A particularly neat and simple set. Handsome polished walnut case with roll shutter covering instrument panel when not in use. Normal range with headphones 250 miles; with loud speaker 75 miles.

Price complete with all accessories, except valves £27:10:0



*Every pair fully guaranteed.*

**By Test—the Best  
prove it with your dealer**

**A**SK your local dealer to let you hear the new GENERAL RADIOPHONES. It will be time well spent. The surpassing clarity and strength of their reproduction is unique, because:

GENERAL RADIOPHONES embody a magnetic circuit of such efficiency that they will respond faithfully to the minutest signal intensity.

The earpieces are matched by specially invented visual gauges.

They incorporate a sound chamber which ensures natural reproduction; and amongst their other advantages are:—

No screws or nuts to adjust (they fit any head instantly), great strength and lightness.

GENERAL RADIOPHONES weigh only 7 ozs.

**20/- per pair.**

**GENERAL RADIO COMPANY  
LIMITED**

Radio House, 235, Regent Street, London, W.1.

Telephone:  
Mayfair 7152.

Telegrams:  
"Algenrad, London."





*The opinion  
of The  
Man-on-the-Job*

IN THE OPINION OF THE ELECTRICIAN, who has installed a good many Wiring Systems for Electric Lighting in his time, there is nothing to touch "KALEECO."

It is surprising how easily the metal-sheathed wires can be handled. They are flexible enough to bend round awkward cornices and mouldings, yet, when clipped in position, they lie quite flat on the surface and do not sag.

Given a coat of enamel, the wires are practically invisible.

Owing to the fact that there is no cutting of walls necessary, the Lady of the House is delighted to find that "Clearing up the Mess" is dispensed with.

Full particulars of the

## KALEECO WIRING SYSTEM

will be sent on application.

**CALLENDER'S CABLE &  
CONSTRUCTION CO., LTD.,**

Hamilton House, Victoria  
Embankment, London, E.C.4.

Tel. No.: Central 8903.



SECTIONS  
ACTUAL SIZE



## COSMOS RADIO



**D**ID you go to the "All-British" Wireless Exhibition at the Albert Hall? If so, no doubt you were more than interested in Stand No. H.31, where you saw the new "Cosmos" Universal Valve Sets; designed for reception from both British and Continental Broadcasting Stations.

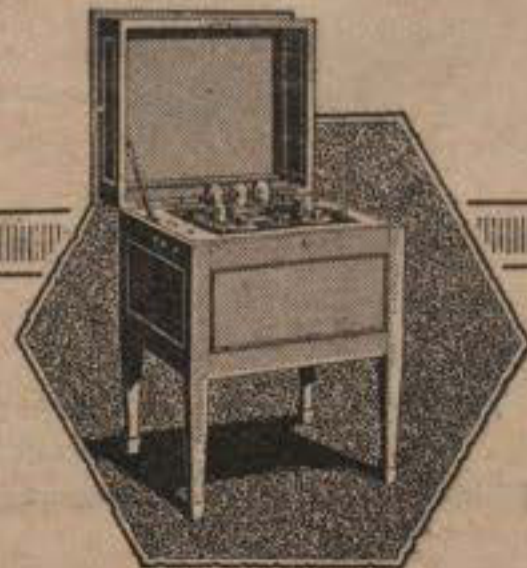
You observed the neat manner in which the change is effected from one waveband to another; you saw how reaction coupling on to the anode or aerial circuit is changed at will, by the movement of one lever—a feature that is exclusive to the "Cosmos" Sets; you noted, in all probability, how the special dual-amplification and resistance-capacity coupling gives great sensitiveness and large amplification with distortionless reproduction; you saw the double wound filament rheostats which allow for the use of either Bright or Dull Emitter Valves; and you appreciated the splendid appearance and workmanship of the various styles.

If you were unable to go to the Exhibition, ask your dealer to show you the "Cosmos" Universal Valve Sets and write for our pocket list R.T. 4117/2 or the complete Catalogue and Handbook R.T. 7117/1 (Price 6d.).

## METRO-VICK SUPPLIES Ltd.

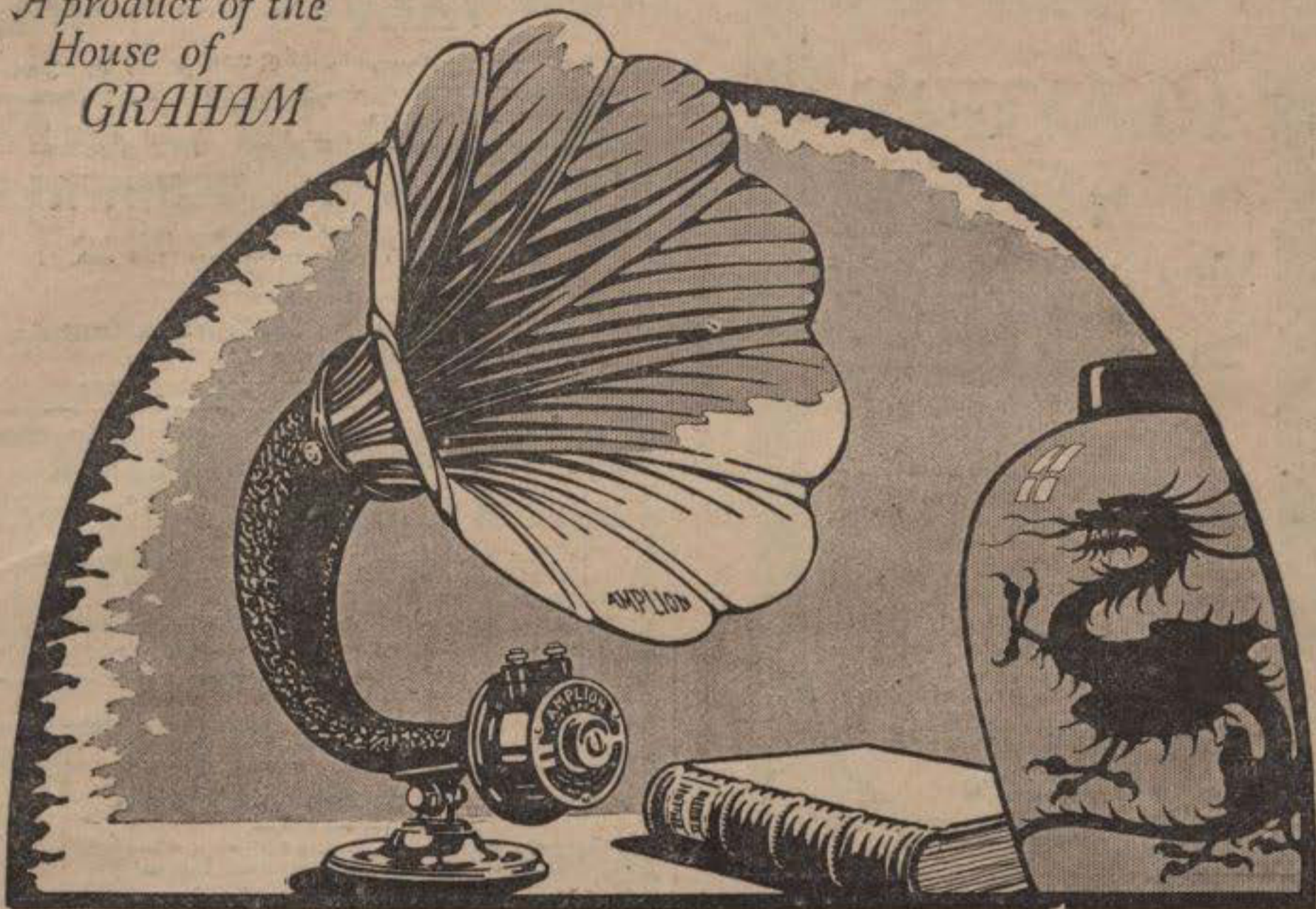
(Proprietors—Metropolitan-Vickers Electrical Co., Ltd.)

4, Central Buildings, Westminster, S.W.1.



"COSMOS"  
5-Valve Set.  
With all  
accessories,  
in Cabinet:  
Oak £36.15.0  
Mahogany,  
£38.15.0.

*A product of the  
House of  
GRAHAM*



THE WORLD'S STANDARD **AMPLION** WIRELESS LOUD SPEAKER

## *The Loud Speaker Supreme*

It is not overstating the case to say that exclusive patented features, ensuring increased sensitivity, volume, remarkable clarity, and wonderfully natural tone, together with absence of metallic intrusions and freedom from undue resonance, have raised the AMPLION to the position of the World's Standard Radio Loud Speaker—a standard by which all others are judged.

The AMPLION is designed and manufactured by the actual originators of the Loud Speaker—the principal makers of Loud Speaking Telephones possessing the greatest facilities for serving the public.

Insist on an AMPLION and secure "Better Radio Reproduction."

*Illustrated list "WD.11" affords full particulars of 1924-25 models of AMPLION Loud Speakers, priced from 25/- to £18 18 0. Post free on application.*

\*\*\*

*Obtainable from all Wireless Dealers of repute.*

Telephone:  
EYDENHAM 2820-1-2

Telegrams:  
"NAVALHADA,  
CATGREEN,  
LONDON."

**ALFRED GRAHAM & COMPANY,**  
(E. A. GRAHAM)

St. Andrew's Works, Crofton Park,  
LONDON, S.E.4.

Showrooms:

55-B. SAVILE ROW,  
W.1 AND  
82, HIGH STREET,  
CLAPHAM, S.W.4.

**PLAYER'S  
No 3  
Virginia Cigarettes**

These Cigarettes are made by the most modern machinery in a Model Factory under ideal conditions.

**THEY ARE PRACTICALLY UNTOUCHED BY HAND.**

The quality of the Virginia Tobacco in them cannot be beaten.

**IN PACKETS**  
10 for 8<sup>D</sup>.  
20 for 1/4  
50 for 3/3

**JOHN PLAYER & SONS,  
NOTTINGHAM.**

Branch of The Imperial Tobacco Co. of Great Britain and Ireland, Ltd.

## NEW VALVES FOR OLD

Burnt-out valves renewed by the G.W.I. process are improved beyond recognition and are guaranteed to function commensurately to NEW valves.

This is proved by the regular and increasing demand for

## G.W.I. VALVE RENEWALS

DULL EMITTERS (any type) from 10/6 each.  
STANDARD TYPES ————— from 6/6 each.

We have a special express service of exchange with great economy.  
Full particulars if interested.

**G.W.I. LTD., 43, Grafton St., Tottenham Court Rd., W.1.**  
The Original & Largest Repairers of Valves. One minute from Warren St. Tube Station

## RE-MAGNETISING makes OLD Phones like NEW

Magnetism is the leading factor in working of your wireless headphones; no matter their quality, they will become demagnetised with constant use.

The "Chase System" is the only one in the kingdom and will re-magnetise your phones and Loud-speakers up to super-strength.

In most cases the "Chase System" makes phones better than new—hundreds delighted.

Please detach headband when sending phones. Leave Flexes on. Loud-speaker units adjusted carefully and brought up to super-strength from 5/- to 7/6, return post paid.

KEEP THIS ADVERTISEMENT FOR FUTURE REFERENCE.

**F. CHASE & CO.,** Manufacturing Electricians, Hornsey 691  
195, Archway Road, London, N.6.  
V.P.

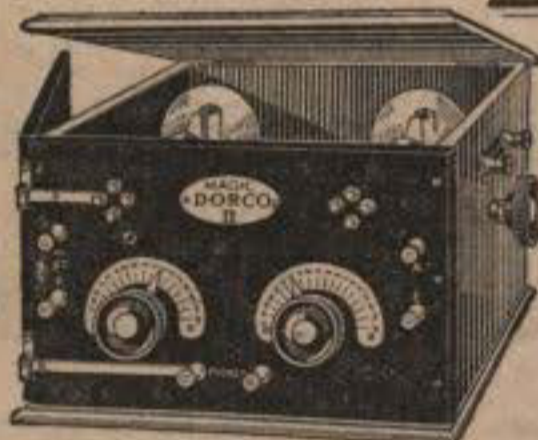
**3/-**  
Per Pair.  
Post free.

## DORCO MAGIC II.

CASH PRICE as illustrated £2/19/6  
Incl. without Valves

Plus 25/- Marconi Royalty,  
Package and Postage 2/6.

The DORCO II Two-Valve Set of British Manufacture is constructed for the reception of long distance telephony with variometer tuning which has a wave-length band covering all B.B.C. Stations. It employs one High-Frequency and one Detector Valve with Tuned Anode Reaction and operates a Loud Speaker within reasonable distance of any B.B.C. Station.



Read this Testimonial — *Welling, Kent.*  
"I should like to say the Dorco Set is a wonderful outfit at the price. Some of the distant stations come in remarkably well. More than satisfied."

**WELLER & GIBSON, LTD.,**  
Members of the British Broadcasting Co.  
31, King St., Tower Hill, London, E.1.  
(Foot of Minories, 5 minutes' from Mark Lane Station.)  
Telephone Avenue 3500. Trade Enquiries Invited.

## THE WOOTPHONE THREE VALVE SET.

Complete as illustrated with coils for B.B.C. wave lengths.

PRICE  
complete with all accessories  
**£23**

A highly efficient receiver for all wave lengths.

Send P.C. for fully illustrated Catalogue of Sets, etc.

**F. E. WOOTTEN, Ltd.,** Wireless Manufacturers—  
58, HIGH ST., OXFORD—  
Works:— Longwall Street.

## If each Crystal cost five shillings

CYMOSITE would still be the most economical Crystal even if each piece cost 5/-, because no other crystal gives such loud and clear reception and no other crystal retains its sensitivity for so long. Yes for all these advantages Cymosite costs only 2/6 per box containing several pieces. From all Dealers or direct from—  
**NORTH-EASTERN INSTRUMENT Co., Durham Rd., Low Fell, Gateshead.**



**THE SUPER CRYSTAL CYMOSITE** IN SEALED BOXES

## BEGINNER'S GUIDE TO WIRELESS

This book gives more practical information about building wireless instruments than others at ten times the price.

### HOW TO ERECT, CONNECT AND MAKE

all kinds of wireless apparatus, including crystal and dual amplification sets, one and two-valve amplifiers, also the latest two, three and four-valve tuned anode receivers. 160 pages including 28 diagrams.

**SAXON RADIO CO. (Dept. 24), South Shore, BLACKPOOL**

**1/3**  
POST FREE.

## Fit a 'Malone' TO YOUR 'PHONE and you get results rivaling a 50/- LOUD SPEAKER

FOR ONLY 7/6 Postage 1/-

Fitted in a second, sound British made, complete, strongly packed. Send P.O. 8/6 at once and listen in comfort. Send stamp for free descriptive pamphlet.

15' Bus passes door. London Agents: **R. JONES & CO.,** 27, Westbourne Grove, London, W.11.

E. C. H. & Co.

## YOUR SERVICES WILL BE IN DEMAND

If you increase your efficiency by home study under expert guidance. Pitman's famous Postal Courses include: English, Accountancy, Banking, Secretarial Practice, Shorthand, Economics, Modern Languages, and subjects of general education. Write to-day for free booklet "Home Study—the Key to Success."

**PITMAN'S SCHOOL,**  
269, Southampton Row, London, W.C.1.

# Listening-in to the FIRPO-WILLS Fight

using

# Exide

The Long-life  
Battery.

## BLOWS HEARD IN LONDON FROM AMERICA.

Extract from "The Daily Mail,"  
Sept. 13th, 1924.

### HOW THE FIGHT WAS HEARD.

#### BLOWS AND MOVEMENTS OF THE MEN'S FEET.

Mr. Davies picked up the report of the fight on his set at his home, using 1 detector, 3 high-frequency and 2 low-frequency valves.

The reception—which was very clear—was all the more remarkable for the fact that Mr. Davies used a loud-speaker.

Describing this notably successful experiment to a *Daily Mail* reporter yesterday Mr. Davies said:—

# Exide

THE LONG-LIFE BATTERY.

Obtainable from your usual dealer  
or any Exide Service Station.

Look for the Sign.



450 Service Agents.

Send for Catalogue "W."

LONDON:  
219-229, Shaftesbury Avenue, W.C.2.  
BIRMINGHAM:  
58, Dale End.

THE Chloride ELECTRICAL STORAGE  
COMPANY LIMITED.

BRISTOL:  
22, Victoria Street.  
MANCHESTER:  
1, Bridge Street.

MADE IN THE LARGEST BATTERY WORKS IN THE BRITISH EMPIRE.

26, FORDINGTON ROAD  
HIGHGATE, N.6.

September 19th, 1924.

MESSRS. THE CHLORIDE ELECTRICAL STORAGE CO., LTD.,  
LONDON.

Dear Sirs,

You may be interested to know of the part your batteries played in my recent successes in receiving American broadcasting, which culminated in my being able to supply the *Daily Mail* with a complete report of the Firpo-Wills fight many hours before it would have been otherwise available.

As you know, I have been using Exide Batteries both for High and Low Tension for some considerable time, since, in fact, I first commenced my experiments in long distance reception. The circuit which I have at last evolved is capable of bringing in KDKA on the loud speaker on occasions quite equal in volume to 2LO. This may seem a little difficult to believe, but the fact does not rest upon my own testimony.

I can honestly say that these results would not be possible with any other make of storage battery I have ever tested and I am taking this opportunity of writing you as some measure of thanks for the great courtesy I have always received from your Mr. Kennan.

In a circuit as sensitive as the one I am using, both filament and plate voltages are extremely critical, the least deviation in steadiness throwing the whole set out of balance. Even as low as one hundred metres the set is quite easy to control providing the filament current is exact. I have not been able to get this exactitude on any accumulator other than your own.

Using six valves, two of them power valves, it is obvious that the ordinary H.T. battery will very soon give rise to internal cracklings which would make long distance reception impossible. Your H.T. accumulator renders me a perfectly steady plate current free from any noise at all. I will go so far as to say that the freedom from noises generally regarded as atmospherics which I enjoy nightly in my reception of American broadcasting is due entirely to your batteries and I am of the opinion that much if not all of the static complained of in long distance work is due to faulty High Tension supply. With a really sensitive circuit it is not sufficient to have a set which is normally quiet, as the magnification is sufficient to make the least whisper sound like a cannonade. H.T. must be absolutely silent and lengthy experiments have led me to the conclusion that up to now you make the only battery that is of the least use for this work.

You may make use of this letter in whatever manner you wish

I remain,

Yours truly

(Signed) EDWARD C. DAVIES.

# Here's Why Sterling Headphones are Best



The swivel and trunnion movement and adjustable thumbscrew.



The smooth multi-perforated ear-cap.



The magnets and Stalloy diaphragm.



The complete instrument.

## Ask your dealer this . . . . .

Go to any Radio Dealer and he will be pleased to show you a pair of Sterling Lightweight Headphones and to give a practical demonstration of their efficiency. First of all, please scrutinize these 'phones minutely and you will see at once some of the things which make for their superiority. For example, they are light in weight, as their name implies, and the swivel and trunnion movement, together with the adjustable thumbscrew, ensures absolute comfort.

Add to these merits the additional factor of perfect finish (not only on the outside). Now we invite you to unscrew one of the caps of the ear-pieces. Note the seven perforations—a small point, but it makes for better reception. Inside the ear-piece is the Stalloy diaphragm and under that the magnets. Here the precision work, attention to detail and superb finish associated with the name STERLING is apparent.

When you test their powers of reproduction you will be amazed at their clarity, tonal fidelity and extreme sensitivity.

Since their inception Sterling Headphones have set a standard in performance and finish. Tens upon tens of thousands of pairs have been sold throughout the world and to-day the demand is as great as ever.

Let your Dealer give you an opportunity of testing, comparing and inspecting Sterling Headphones. You'll buy!

## STERLING LIGHTWEIGHT Headphones

120 ohms resistance - £1:2:6  
2000 ohms resistance - £1:4:0  
4000 ohms resistance - £1:5:0



Adot. of STERLING TELEPHONE & ELECTRIC CO., LTD.

Manufacturers of Telephones and Radio Apparatus, etc.

210-212 TOTTENHAM COURT ROAD, LONDON, W.1

Works: Dagenham, Essex.