

## KEEPING TIME WITH GREENWICH.



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## When President Coolidge Goes on the Air.

By HAMILTON FYFE.

'NO,' said a friend of mine in Chicago, just before the elections which were held while I was there, 'I've never voted Republican and I guess I never shall. But I want to hear the President when he speaks on the radio. I've never seen him. I'd like to hear what kind of a noise he makes when he talks.'

A few days later I met my friend again. He was eager to tell me about the President's little address. 'Must be a mighty fine man,' he said. 'Voice came over good and strong. Sounds better when you hear a speech than when you read it, I guess. I'm a lifelong member of the Democratic Party, but I believe I can appreciate merit wherever it grows. Yes, sir.'

I shouldn't be at all surprised if that friend of mine voted Republican next time. He certainly will if Mr. Coolidge runs for President again.

Yet Mr. Coolidge has not, in ordinary conversation, a particularly pleasing voice. I was introduced to him in Washington after attending one of his receptions of newspaper men. While he talked to them, I thought his deep, rasping tones were definitely unpleasing. But he was then under some constraint; he was trying not to give too much away. Afterwards, when he was kind enough to receive me, he was at ease; he spoke more lightly, his voice became more agreeable. But it is not a beautiful voice.

Nevertheless, the sound of it on the radio has made vast numbers of Americans feel kindly towards him, and here, it seems to

most voters who took any interest in elections heard their politicians speak. They judged them mainly upon their oratorical performances. Gladstone, John Bright, Joseph Chamberlain, all gained ascendancy in this way; a large part of their success was due to their fine voices.

Then came a period when but a very small proportion of the electorate could actually hear statesmen speak. This caused what we so often hear about—the decline of oratory. Men came to the front who had no eloquence, no force of phraseology. If they could have been listened to by vast numbers of people, they would have made such a bad impression that their chance of winning political prizes would have faded away.

Some will say, 'All the better. Good talkers are not always good doers,' and there is something in that. But a man who can persuade people with his voice that he is honest and capable and fit to be entrusted with the conduct of their affairs is more likely, in my judgment, to deserve well of his country than one who reaches high position by favour or by intrigue.

Now, thanks to broadcasting, the mass of people can once more be addressed personally by those who offer to lead them. This, I believe, may have a powerful influence on public affairs. Not many of us yet realize how much of

(Continued overleaf.)



### THE AMERICAN PRESIDENT TALKS TO THE NATION.

In this, the fourth and last of his series of articles on broadcasting in America, Mr. Fyfe tells of the United States Government's friendly attitude towards radio, and of the eagerness of political leaders in America to use the microphone for purposes of political education and propaganda.

me, is a development which is going to have an effect upon politics that may reach very far. In the days when the population was smaller and the right of voting restricted,

who offer to lead them. This, I believe, may have a powerful influence on public affairs. Not many of us yet realize how much of

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# Radio's Gift of Healing.

By the Rev. A. H. Moncur Sime.

IT has long been held that music has a beneficial effect in disordered nervous and mental conditions. There is, of course, the Bible story of the stripling David, playing his harp before King Saul in order to dispel the king's fits of depression and melancholy. Early in the sixteenth century that quaint philosopher and humorist, Robert Burton, wrote at great length and very convincingly of the power of music, vocal or instrumental, not only to cure melancholy and despair, but to expel disease.

'Music is a roaring-meg against melancholy, to rear and revive the languishing soul; affecting not only the ears, but the very arteries, the vital and animal spirits, it erects the mind, and makes it nimble.'

In 1729, a certain Richard Broune, an apothecary of Oakham, published a book entitled 'Medicina Musica,' in which he argues, not without some evidence in support of his view, that music may be used with great advantage in many maladies. A little later, John Armstrong issued a long poem on 'The Art of Preserving Health,' in which he made a strong claim for music as a curative force:—

Music exalts each joy, allays each grief,  
Expels disease, softens every pain,  
Subdues the rage of poison and the plague.

It is worthy of mention that Armstrong was a physician, and probably practised what he preached.

IN more recent times we have had many and varied experiments demonstrating the efficacy of music (mostly instrumental) in special conditions. An American physician has shown how anaesthesia may sometimes be produced with accurately-made tuning forks at certain rates of vibration. Some years ago a paper was read before the Paris Academy of Music, in which it was declared that certain kinds of music acted as powerful antispasmodics. Several well-authenticated examples were advanced; one of a child in whom night terrors were greatly mitigated by calming music in a minor key; and another of a young woman aged twenty, who suffered very badly from mental confusion, and who could not walk steadily. She was restored to health, and her movements were rendered quite natural, through the influence of certain music.

It was not, however, until after the beginning of the Great War that music as a curative agent in certain disorders was placed on what may be called a scientific basis. The problem of the convalescent soldier was one that was closely associated with music in the minds of many thoughtful men and women who were studying the condition of those who had gone under through shattered nerve and broken spirit. Again and again, as we all know from hospitals here and in France, stories reached us of the use of music for minds and nerves disordered by shell-shock.

A doctor, who had much experience in the war, told me of a case which had come under his own observation in a hospital in France. A French officer who was brought into the ward where my friend was on duty had, to all intents and purposes, lost both speech and hearing. After many experiments had been tried in vain, a record of the 'Marseillaise' was put on the gramophone, which was placed near to where the invalid sat. No

sooner were the opening bars played than the sick man began to sing. Hearing and speech returned simultaneously. The explanation of those competent to judge was that the music set in vibration certain nerves that louder noises, such as the roars of the big guns, were powerless to stir.

America is in advance of all other nations in instituting research on scientific lines on the subject of healing by music. Some

years ago, Columbia University, New York, began a regular course of study in the subject with the object of investigating the whole field of the treatment of disease by music, and providing practical training for such treatment under medical control.

The reports of the first results of the treatment as it was applied to many of the patients at Columbia seemed almost past belief. Men

suffering from aphasia had their memory restored; several cases of acute insanity were cured; paralysed muscles were restored to their normal state.

A large number of medical men, and scientists who are not specially interested in medicine as such, are now agreed that music penetrates to the very roots of our being, and influences certain reflex mechanisms, so that there is scarcely a function of the body that may not be affected in some way by musical tones; and many of these scientists, though not all, are agreed that music, by its rhythm and vibration, pitch and timbre, can heal not only mental but many kinds of bodily illness.

Wireless has been but a short time with us, but in that brief period its manifold and varied benedictions have been scattered over the whole world. On land and sea, in city mansion and remote country cottage, in hospitals of pain and suffering, it has come with inspiring and recreative blessing.



## THIS WEEK'S DANCE MUSIC

MONDAY.		WEDNESDAY.	
London,	4.30-5.0	Cardiff,	4.30-5.15
Daventry,	4.30-5.0	Daventry,	11.0-12.0
Bournemouth,	4.30-5.0	THURSDAY.	
Liverpool,	6.0-6.25	All Stations,	10.30-12.0
Stoke,	4.30-5.0	FRIDAY.	
Swansea,	4.30-5.0	Daventry,	11.0-1.30
Daventry,	11.15-12.0	SATURDAY.	
TUESDAY.		Leeds-Bradford	4.0-5.0
London,	6.0-6.30	Bournemouth,	4.15-5.0
Daventry,	6.0-6.30	Manchester,	4.15-5.0
Hull,	6.0-6.30	Nottingham,	4.30-5.0
Leeds,	6.0-6.30	Liverpool,	4.30-5.0
All Stations,	6.45-7.0	Liverpool,	6.0-6.30
All Stations,	10.45-12.0	All Stations,	6.45-7.0
		All Stations,	10.30-12.0

## When President Coolidge Goes on the Air.

(Continued from previous page.)

personality there is in voices—and not in voices only but in ways of using them. It is not at all difficult when one hears a man or a woman speaking, even though one cannot see them, to form opinions as to their sincerity, their sympathies, their good sense—or otherwise!

Voters nowadays want to know as much as possible about the character of anyone who asks for their votes. They are suspicious of party labels. No longer will they troop to the poll to return someone of whom they never heard until the election contest began. They like to form their own judgments. This the radio enables them to do. I am sure it will be used more and more in connection with public affairs in these coming years.

IN America it is so used far more than it has been as yet in England. During the last few days of the election campaign many appeals besides the President's were made to listeners. The President's Messages with which Congress is opened and closed can be heard by everyone in the land who owns a wireless set, while they are being delivered.

It is hard to select any of the proceedings of Congress for broadcasting. Rarely do the members of the President's Cabinet make important statements either in the Senate or in the House of Representatives. The Secretary to the United States Treasury does not deliver a Budget Speech, similar to that of our Chancellor of the Exchequer. He circulates his proposals and the results of the year's national housekeeping; they appear in the newspapers before they are announced to Congress.

Nevertheless, a demand is arising in America that Congressional debates shall be sometimes included in radio programmes, as undoubtedly they will be in every country before long. Nations have a right to know how their business is conducted. They ought to be instructed in the procedure of their parliaments, so that they may decide whether it is antiquated and clumsy or well suited to their purposes. They will make better choice of rulers when they have become familiar with politicians through the medium of wireless.

It would be flattery to say that Mr. Coolidge struck me as a statesman of the first rank or as a born leader of men. Yet he does 'put it across' a great many who hear his voice, as is indicated by the anecdote with which I began this article. He spoke at Kansas City one day while I was in that part of the country; the comments on him and his address by those who received it on the air showed that he had made a widely favourable impression.

In my talk with the President I drew from him a warm commendation of the value of broadcasting. He is well aware of the desire of listeners to hear political celebrities, and to follow now and then the discussions of national affairs; and he certainly has no idea of trying to prevent the desire from being gratified.

# What Is Coming.

## A Glance At Future Programmes.



Miss CARRIE TUBB.

ON March 26, 1827, Beethoven died. All over the civilized world the centenary of the passing of the great Master will be commemorated. Radio, of course, will play its part. The centenary will be marked in this country by several special transmissions.

Those from LONDON will be given over a period of several days. The first takes place during the evening of Sunday, March 20, when Beethoven's *Mass in D*, for chorus, orchestra, and soloists, will be relayed from CARDIFF. Two days later, on Tuesday, March 22, a performance of his one opera, *Fidelio*, will be given. It is one of the most nobly impressive works of the musically dramatic repertoire, and listeners will hear it sung by Miss Carrie Tubb, Miss Elsie Suddaby (sopranos), Mr. Walter Widdop, Mr. Leonard Gowings (tenors), Mr. Roy Henderson (baritone), Mr. Norman Allin and Mr. Philip Bertram (bass). The performance will be conducted by Mr. Percy Pitt, and the opera is one in the series for which libretti have been prepared.



Mme. MARIE OLCZEWSKA.

TWO examples of Beethoven's Chamber Music, played by the Catterall String Quartet, will be heard in the programme on Wednesday, March 23. They are the *Quartet No. 2 in G* from the first set (Op. 18), as being representative of his early work, and the so-called *Harp Quartet* (Op. 74), representative

of his more mature period. In the same concert Madame Maria Olczewska, who took part in the first of the series of National Concerts at the Royal Albert Hall, will give a recital of some of Beethoven's songs, which will include the Seven Sacred Songs by Gellert, and three songs by Goethe. Then, on Saturday, March 26, the actual day of the centenary, a special symphony concert will be relayed from the Bishopsgate Institute. Further details of this concert, which is to be conducted by one of the most famous exponents of Beethoven, will be announced in due course.

ON several occasions during the last few months, the MANCHESTER Station has given its studio to various well-known local musical organizations and societies, and another example of this policy will be found in the programme on Thursday, March 10, when members of the Manchester Contemporary Music Centre are giving a concert, an event which will cause considerable interest, not only to those who have followed the work of modern musicians, but also to those listeners in the north-western area who prize local initiative in matters musical. The Manchester Contemporary Music Centre is affiliated to the British Music Society, which has for its aim the furtherance of British music and music in Britain. Founded in November, 1923, it confines itself, as its name suggests, to modern music. Meetings are held each month, and concerts given once a year. Almost all the prominent men in musical circles of Manchester belong to the Society, which has done much useful and interesting work.

TWO of the most important and interesting descriptive broadcasts of sporting events this year will be the Grand National and the Oxford and Cambridge Boat Race, arrangements for which are already well in hand. The first, the Grand National, takes place on Friday afternoon, March 25, when not only will a running commentary of the classic race be given, but also a description of the paddock, the crowd, the horses, and the history of the race. To enable this to be done adequately, several microphones will be employed, two being located in one of the stands and others in the unsaddling enclosure and elsewhere on the course. The arrangements for the Boat Race are even more complicated and ambitious, and in this matter the most helpful co-operation is being received from the various authorities. It is hoped to broadcast a description of the race from a following launch. This will involve the use of a short-wave transmitting apparatus, which will work between the launch and a point on the river bank where the signals will be received and transferred by land line to Savoy Hill, whence they will be radiated to listeners in the ordinary way.

THOSE who have not seen that delightful musical play, *My Son John*, will want to visit the Shaftesbury Theatre after they have heard the broadcast of an excerpt from it on Wednesday, March 16. Billy Merson is in it, as well as Annie Croft, Betty Chester, Reginald Sharland and Henry Latimer, all of whom will be heard by listeners.



BILLY MERSON.

THE YOUNGEST of the City Companies, that of the Master Mariners, is holding its first banquet at the Fishmongers' Hall, London Bridge, on Friday, March 18, when speeches will be made touching upon the history of the mercantile marine and what it has done for the Nation and Empire. Among the speakers will be Sir Bertram Hayes, late skipper of the *Majestic*, and arrangements have been made to broadcast part of the proceedings through LONDON and other stations between 9.15 and 10 p.m.

THE COUNCIL of the League of Nations will be sitting at Geneva when a talk on International Affairs, under the auspices of the League of Nations Union, will be given from LONDON on Wednesday, March 9, by Mr. Wickham Steed. Mr. Steed is well known for his wide knowledge of foreign affairs, having been Foreign Editor and Editor of *The Times* until 1923, since when, he has been associated with the *Review of Reviews*.

EVERY year when the 'Blue Water Evening' comes round, 3,000 people gather at St. George's Hall, LIVERPOOL, to hear a concert consisting mainly of shanties and nautical songs, and at the same time give their support to the funds of certain Training Ships and Nautical Schools in the Liverpool area. This year's concert takes place on Friday, March 11, and part of the proceedings are to be broadcast through the local station. A unique feature of the concert will be the sound of the famous bell of H.M.S. *Victory*, which went into action with Nelson at Trafalgar and is being specially brought to Liverpool for the purpose. Its note will be broadcast at 8.30.



Rt. Hon. C. P. TREVELYAN, M.P.

A BROADCAST debate of first-class importance to parents has been arranged for Monday, March 14, when, under the chairmanship of the Right Hon. Charles Trevelyan, M.P., Minister of Education under the Labour Government, Dr. Cyril Norwood and Mr. R. F. Cholmeley will give their opinions

of the relative merits of Boarding Schools and Day Schools. Dr. Norwood was formerly headmaster of Marlborough and is now headmaster of Harrow, Mr. Cholmeley is headmaster of Owen's School, Islington, one of the oldest day schools in London.

QUITE a number of our younger composers have their homes in Bournemouth, which is particularly interesting in view of the suggestion that music should be one of the Arts to be included in the Faculty of Aesthetics which, it is proposed, should be established in BOURNEMOUTH as part of the new University of Wessex. A programme consisting entirely of works of composers resident in Bournemouth will be broadcast from the local station on Friday, March 11, when items will be played or conducted by no fewer than six composers, namely, Miss Kathleen Foley, Mr. Gilbert Stacey, Mr. Montague Birch, Mr. Walter Butler, Mr. S. H. Braithwaite and Mr. E. Slaney. This number by no means exhausts the musical talent available in Bournemouth, and it is hoped to give similar programmes later.

THE whole proceeds of the MANCHESTER Station's initial efforts for its Wireless for the Blind Fund have been handed over to the committee responsible for its administration. The president is the Lord Mayor of Manchester, the vice-president being the Lord Mayor of Salford, and the chairman, Councillor J. J. Kendall, J.P. Representatives of various organizations for blind people within twenty-five miles' radius of the Station are also on the committee, which is registered under the Blind Persons Act; it sits regularly every month at the Town Hall, Manchester. A sub-committee, responsible for the executive work connected with the purchase, installation, and maintenance of the sets, meets almost weekly. Already, about fifty sets have been installed in the homes of blind persons in and around Manchester.



JIMMY WILDE.

JIMMY WILDE, ex-fly-weight champion of the world, has undertaken to arrange the evening programme from CARDIFF Station on Friday, March 18. The nature of his concert is still a secret, but if he were to tell of his early boxing days, there are few listeners whose sets are capable of pick-

ing up the Cardiff Station who would not want to hear his story.

THE SKELMEESDALE PRIZE BAND will be heard again from the LIVERPOOL Station on Tuesday, March 15, in a light opera programme, with songs from well-known operas by Walton Pritchard (bass). Later, there will be an hour's entertainment by the Duds Concert Party, one of the best-known companies of its kind in Liverpool.

## What Do Listeners Expect?

By A. E. Parnell, Assistant Secretary of the Wireless League.

IN my pursuit of the popular pastime of solving the broadcast programme question, I often ask myself: 'What do listeners really want?' but am always led to a further inquiry: 'Do listeners expect too much?' No doubt for lack of other material—for I do not believe that they are genuinely concerned about the matter—newspapers frequently devote quite a large amount of space to their own and their readers' views on the subject, but one listener's complaints are negated by another's praise and we are still far from answering the riddle.

One hears a great deal of discussion on the merits of classical music *versus* jazz, music *versus* talks, and so on, but I think it would be difficult to find anyone who would object to operatic items being broadcast if the songs were rendered by, say, Mme. Melba, or to classical music if the works were played by Paderewski or Kreisler. To the average listener, then, the ideal programme depends not so much upon items as upon personalities, and that, of course, means far heavier expenditure.

If one reminds a grumbler that, apart from the cost of maintaining his receiver, he pays only a penny every three days for his programme, he invariably replies, 'Yes, but there are over two million licence-holders, and in view of the fact that the country can be covered by about eight stations, the funds available are sufficient to enable the Broadcasting authorities to give all-star programmes from each station every day.' I think he is wrong, but assuming that he is right, that the microphone is amenable to all these brilliant artists, and that they are not prevented from broadcasting by other contractual obligations, would his dissatisfaction disappear at the daily emission of these all-star programmes? I think not.

Take an extreme analogy. Suppose it were possible to bring to your fireside every day the finest operas, plays, concerts, lectures, etc., making allowances for the fact that in comparison with mere listening, you would have the additional pleasure of vision, how would you receive the

entertainment after, say, even three months? Would you be satisfied? I suggest that you would be suffering from a surfeit of good fare to such an extent that you would be over-critical, and should not be at all surprised if you found the entertainment monotonous, if not actually tiresome.

It is well to remember that by listening to an entertainment, no matter how well it is rendered, one can never derive the same amount of pleasure as comes from hearing and seeing an identical performance. In the latter case all the effects of scenery, lighting and movement combine with the artists' delivery to entertain the audience. Proof of this statement is found in the fact that blind persons, whose enjoyment of any performance is, of course, confined to listening, are seldom heard to complain of the broadcast programmes.

During the first twelve months of broadcasting it was felt that the science was still in an experimental condition, and this idea, coupled with the fact that wireless receivers were both unreliable and expensive, made the public reluctant to become listeners. Later, however, these objections disappeared, and the number of licence-holders began to increase. Listeners were entranced at the wonder of the invention, and sat with open mouths even when Big Ben was broadcast. The novelty has now worn off, and we have reached the stage where many listeners are critical, if not hyper-critical. I believe, however, that the time is fast approaching when our sense of proportion in this respect will prevail, and viewed in its correct perspective, the broadcast service will be better appreciated.

It is my experience that the newspapers, who endeavour to focus attention on the shortcomings of the programmes and are strangely silent on the adequacy or otherwise of the broadcast news service, do not accurately reflect the opinion of the great body of listeners. The average listener is a reasonable fellow, and while to-day he may not be altogether satisfied, he realizes that 'Rome was not built in a day.'

## Programmes in the Making.

Some Interesting Exhibits at Olympia.

THE B.B.C. exhibit at the *Daily Mail* Ideal Homes Exhibition, which opens at Olympia on Tuesday, March 1, will be more comprehensive and representative of broadcasting activities in this country than anything previously shown to the public, and several of the special features will be quite new.

Three different types of receiving sets will be in operation, the object being to give a certain standard of reproduction which the B.B.C. considers as an adequate criterion for comparison. It is believed that many listeners are getting reproduction of the programmes of a quality which in no way does justice to the transmissions.

The receiving sets at Olympia will be typical in price and construction of those supplied by all reputable manufacturers, and though, of course, they will not intentionally advertise any particular make of component, they will enable listeners to gauge with some accuracy the capabilities of various types as these have been designed from exhaustive tests and long experience.

Another important aspect of the exhibit will deal with the work of programme building. Very few people realize the tremendous labour involved from the time when programmes are first projected to their final publication in *The Radio Times*. The production of this journal is probably more complicated than that of any other in the world. There is nothing like it certainly in this country.

Corrections, additions and cancellations are coming in from one or other B.B.C. Station right up to the last moment of going to press, and something of the difficult nature of the work involved will be seen at Olympia from descriptions and specimens of programmes at all stages.

An exact model of the London Control room is also a new and novel feature of our exhibit. This room contains four control tables, with amplifiers used in connection with the various studios at Savoy Hill. The amplifiers, designed to overcome the losses in the lines, the relays for semi-automatic operation of the simultaneous broadcast system, the protection fuses, together with the manual operation desks, are shown in some detail, and listeners will get an accurate idea of what may be termed the nerve centre of the B.B.C.

Among other models representative of our work will be one of Daventry, the high-power station in the Midlands. This will show the exterior of the buildings, the general layout, the masts, and living quarters of the staff.

Then there will be an exact model of a typical studio, complete with every detail, showing microphone, silence cabinet used for announcing, and all the necessary furniture and draperies. Charts explaining in detail the purpose of every part of the exhibit should leave no visitor wondering what this or that may be, and how each is an essential part of the British broadcasting service.

## Some Dates for Your Radio Diary.

A REVUE of Musical Comedy is promised for BOURNEMOUTH listeners for Monday, March 7.

SOME lively fare can be expected from the visit of the Bubbles Concert Party to the MANCHESTER studio on Saturday, March 12.

ONE of its last broadcasts, before it resumes its outside performances, will be given by the BIRMINGHAM Police Band from the local studio on Monday, March 7.

'WITH the Raggle Taggle Gipsies' is the attractive title of a concert to be given from BOURNEMOUTH on Tuesday, March 8; the soloists are Marova and Mr. Kenneth Ellis.

BOTH MANCHESTER and DAVENTRY listeners will hear Handel's serenata, *Acis and Galatea*, on Friday evening, March 11. London listeners heard it only a few weeks ago.

CONCERTS from the Hotel Majestic, St. Anne's-on-Sea, are always popular with MANCHESTER listeners. Another is to be broadcast on Wednesday evening, March 9.

BIRMINGHAM Station is to give the fifth concert of its Beethoven Centenary series on Sunday evening, March 6. Mr. Nigel Dallaway is the pianist.

THE curious pranks and almost human intelligence of the apes which live on the Rock of Gibraltar is the subject of a talk by Mr. A. C. Stockwell, from PLYMOUTH, on Friday, March 11.

BRISTOL General Hospital, on behalf of which an appeal is being made from CARDIFF on Sunday, March 6, had a humble beginning in 1832, with thirty beds. Now it has 243 beds and 17 cots.

THE MANCHESTER Wind Quintet, one of the most famous in the country, each member of which is a principal in the Hallé Orchestra, takes part in the programme from that Station on Sunday evening, March 6.

ILLUSTRATIONS of dance music—old and new—played by the Station Orchestra and Jack Venables and his Band, interspersed by dance songs at the piano by Miss Ruth Albot, should provide an interesting programme for BIRMINGHAM listeners on Wednesday, March 9.

BIRMINGHAM football enthusiasts will look forward to a running commentary on the play and incidents of the match between West Bromwich Albion and Aston Villa, relayed from the Hawthorns Ground, from 2.45 p.m., on Saturday, March 12.

THE first of a new series of concerts to be relayed from the Winter Gardens, BOURNEMOUTH, will be broadcast from the local station on Monday, March 7. The Overture to *Figaro* and Dvorak's *New World Symphony* are to be included in the programme.

THE Rev. G. F. Pippin, who is to broadcast a talk on 'The Folk Songs of Somerset,' from BOURNEMOUTH on Tuesday, March 8, is one of the select band who, under the inspiration of the late Mr. Cecil Sharp, rescued so many lovely English melodies from oblivion.

A VARIED programme for Birmingham listeners on Friday, March 11, includes an organ recital from the Lozells Picture House, character sketches by Mr. Neil Kenyon, the famous Scottish comedian, songs by the Cathedral Quartet, and two short plays performed by the BIRMINGHAM Station Players.

# Keeping Time With Greenwich.

By Frank Hope-Jones, M.I.E.E., F.R.A.S.

IT was in February, 1924, that the Astronomer Royal, Sir Frank Dyson, inaugurated from the London Studio of the B.B.C. the service of Greenwich Time Signals. To some of us it seems like yesterday, but it is actually three years ago—a period long enough to teach us some useful lessons.

Big Ben was brought into the homes of listeners in order to reform their clocks and watches, its accuracy being amply sufficient for such a domestic purpose; on the other hand, the Greenwich six dot seconds can be properly appreciated only by astronomers and scientists generally, makers of watches and clocks, and the Mercantile Marine round our coasts who use these signals for checking their chronometers.

Scientists and others interested in the accurate measurement of time value a service of time signals, not only because of its accuracy, but because of unfailing regularity of its transmissions. This is so important to the Mercantile Marine that when the service was included in the schedule of wireless time signals published in the Nautical Almanac in December, 1925, it was felt to be a moral obligation to maintain its continuity even at the cost of super-imposing the six dots on anything that might be going on in the programme.

On the other hand, the average listener, and especially perhaps the musical public, does not want these scientifically accurate time signals at all, and this point of view of course is easy to understand.

The B.B.C. has found it to be practically impossible to secure a gap in the programmes

exactly at ten o'clock every night, and it must be admitted that the six dots do not add to the beauty of an Adagio movement of a Beethoven Sonata.

The B.B.C. therefore finds itself, as usual, in the position of having to reconcile two diametrically opposite views with both of which it has an understanding sympathy, and it has decided upon a solution.

It is this: To Daventry has been transferred the serious and continuous service of scientific time signals. With respect to all other B.B.C. Stations, the signals are transmitted as circumstances permit.

We want the Scientists and the Mercantile Marine to have the most perfect time signal service in the world, and to have it with unfailing regularity, and this will be achieved from Daventry because of its higher power, its longer wavelength, and its central position.

And here let me remind you of the extraordinary perfection of the arrangements at Greenwich to secure accuracy. The fundamental source of true time is the sidereal clock, checked by the transit circle observation of the clock stars. This clock consists of a free pendulum swinging in a vacuum and bolted to the wall in what was probably the deepest dungeon of the castle of Duke Humphrey of Gloucester on the site of which Greenwich Observatory was built. There are now two of these clocks set at right angles to one another, and for months they have been keeping together within 1-100th part of a second. The standard Mean Time clock is corrected

from these several times a day just before the six dot seconds are transmitted from its scape wheel.

The originality and merit of the six dots signal was quickly recognized and adopted by the rest of the world, and the originality and merit of the new clocks at Greenwich Observatory have placed their time determination and time service in front of all other observatories. This is only what we expect from Greenwich, which is one of the proudest possessions of an Englishman and the hub of the Astronomical world.

The Observatory itself receives by wireless the signal which the Mean Time clock has sent out automatically by land line to the London Station. The transmission and reception are recorded side by side on a chronograph so that any difference due to a time lag of a relay would be observed. This difference has never exceeded 2-100ths of a second, and the average error has been found to be a minus quantity indicating that allowance for time lag was slightly overdone.

The accompanying table sets forth clearly the present arrangement for transmitting time signals. Listeners who are sufficiently interested would do well to cut out this table and keep it near their receiving set, so that they may always know when to expect the signals from Greenwich and Big Ben.

It is fitting that the B.B.C., which has always hitched its wagon to a star, should dispense the finest time signal service in the world. It is, in fact, doing so, and moreover, is doing it as far as possible without annoyance to those who don't want it.

## B. B. C. TIME SIGNAL CHART

### WEEKDAY SERVICE

STATION	10.30am	11am.	1pm.	3pm	4pm.	5.15pm.	6pm.	6.30pm.	7pm.	9pm.	10pm.	Midnight
2LO			<b>B.B.*</b>	B.B.	G.	B.B.	B.B.	<b>G.</b>	B.B.	G.	G.	B.B.
5XX	G.	<b>B.B.*</b>	<b>B.B.*</b>	B.B.	<b>G.</b>	B.B.	B.B.	G.	B.B.	G.	<b>G.</b>	B.B.
Stations taking London								<b>G.</b>	B.B.	G.	G.	B.B.

### SUNDAY SERVICE

STATION	10.30am	3.30pm	4pm.	8pm.	9pm.	10pm.
2LO		B.B.		B.B.	B.B.	
5XX	<b>G.</b>	B.B.	<b>G.</b>	B.B.	B.B.	<b>G.</b>
Stations taking London		B.B.		B.B.	B.B.	

G. = Greenwich  
B.B. = Big Ben.

The large letters indicate compulsory time signals. The smaller letters, time signals which will be radiated if circumstances permit.

\*Signals not broadcast on Saturdays.

Note—Programmes beginning at times other than normal broadcasting hours will be preceded by a time signal from Big Ben (if available.)

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Filament Amps. .... 0.25  
H.T. Volts .... 40 to 120  
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# VALVES

The British Thomson-Houston Co. Ltd.

## Listeners' Letters.

### Musicians' Benevolent Fund—Cribbage to Music—The 'Marseillaise.'

#### The Musicians' Benevolent Fund.

MAY I, on behalf of the Executive Committee of the Musicians' Benevolent Fund, convey to the B.B.C. through *The Radio Times*, an expression of the deep gratitude with which we have received their generous gift of £250.\* It is not only a very great satisfaction to our organization to have been chosen as recipients of that sum of money, but it will help us to continue and to increase our work, and it will be a stepping-stone towards the realization of our hopes eventually to create a 'Widows' and Orphans' Fund as well as a Convalescent Home for Musicians. We feel sure that the musical profession in general will appreciate the 'beau geste' of the B.B.C., whose generosity will enable us to bring relief to some needy musicians with the money so generously given us.—VICTOR BERGEL (Vice-Chairman of the Musicians' Benevolent Fund), Howley Place, Paddington, W.2.

[\*The judges in the B.B.C. Autumn Musical Festival Prize Competition decided unanimously that none of the works entered were worthy of the prizes. The B.B.C. returned the entrance money and gave £250 to the Musicians' Benevolent Fund.—Editor.]

#### An All-Welsh Station.

THE case for a Welsh broadcasting station is unanswerable. And if I may say so the idea makes a special appeal to me because, happily, it fell to my lot at 4 o'clock on March 1, 1923, to speak the first words ever spoken in Welsh over the microphone. The Cardiff Station's outlook and sympathy have never been more Welsh than under its present Director, who is, I understand, now learning our language. Cardiff, however, has to keep some sort of balance between the two sides of the Bristol Channel to which it ministers. Swansea is excellent, but it is only a relay. What is wanted is a fully-equipped station which will be free to concern itself, to any extent it desires, with the life and work of the Welsh people. As things are now, there must be very large areas in North Wales and in West Wales where a crystal set would be useless, and there are, of course, thousands of homes in which English is not the language of the hearth.

Wales is not an easy problem to tackle, and not the least of its difficulties is geography. A station set up in Colwyn Bay (for which, I believe, Mr. Ellis Davies, M.P., has argued in the House of Commons) would not strike the people of South and West Wales as a satisfactory solution, and it is doubtful whether an exclusively all-Welsh station would serve the highest interests of the Principality any more than an exclusively all-Irish station would help those of us who like to listen to Dublin in order to understand something of the genius of the Irish nation. The microphone is interpreting the world to Wales, and it should also serve increasingly to interpret Wales to the world. The problem can only be adequately solved by a thorough and impartial inquiry.—(Rev.) GWILYM DAVIES, Chairman of the Welsh School of Social Service, Richmond Terrace, Cardiff.

P.S.—As I read Canon Raven's interesting letter in a recent issue of *The Radio Times*, I thought of an elderly resident of Nice who joined me for part of an all-night journey recently from Anemasse to Paris. A Frenchman, through and through, he said that at Nice the chief pleasure of his life now was to listen to the music broadcast from Daventry.

#### The Way they Have in Staffordshire.

I THOROUGHLY enjoyed the article 'The Way they have in America' in your recent issue. I have a small crystal set, and usually do my ironing of an evening with the headphones on. No doubt many other women in England do the same thing, but it does not get advertised. When I play

cribbage with my husband I have the headphones on; it is quite possible to do that and win a game. I do not agree with some of the critics of broadcasting; they do not take into consideration the people of very limited means who live in the country, though previously used to a very different life in the city. Big Ben and the afternoon services from Westminster Abbey I very much appreciate, as I lived near the Abbey for nearly twenty years.—E. M. GATES, Fillybrook Terrace, Walton, Stone, Staffs.

#### The 'Marseillaise.'

IN a recent issue of *The Radio Times* I read a note in the programme pages about the 'Marseillaise' which makes me feel that I cannot let it pass without comment. First of all the 'Marseillaise' was not intended to be a revolutionary march, but rather a patriotic song to call the people of France to arms to defend our land which was then invaded by foreign armies who certainly had no business there. That the revolutionaries used it afterwards for their own purpose, I do not deny, but it was not written for that purpose. The 'Marseillaise' is not the battle-cry of revolutionaries nowadays; the 'Internationale' is that, which is quite a different matter; the first being a patriotic song and the other an anti-patriotic one. Excuse my intervening, but, as a Frenchwoman I do not like to see our National Anthem misinterpreted.—(Mlle.) I. N. TĒNOT, Bryngwyn Road, Newport, Mon.

[If Mlle. TĒnot will read the note again (page 59), she will see that it is stated that Rouget de l'Isle wrote and composed the song for the Army of the Rhine; but the sentiment of the song is undeniably revolutionary, and the war of 1792 was fought very definitely and consciously to defend the Revolution, not merely to keep the foreigner out of France. As regards the subsequent history of the song, it was stated in the note (1) that the song became the official anthem of France; (2) that it became the battle-cry of revolutionaries all over Europe. The 'Marseillaise' was, in the early nineteenth century, the revolutionary war-song of all Europe. The note did not say that the 'Marseillaise' is still a revolutionary song.—EDITOR, *The Radio Times*.]

#### Points from Letters.

SURELY if one objects to an occasional half-hour of serious talk, or, on the other hand, to a half-hour of frivolity, one may switch off or lay aside one's headphones and talk or read for that short period.—M. E. CABLE, Churchfields, Woodford.

I HAVE a small dog, who at times sits and looks at the headphones, and evidently wants to listen. Last evening in response to her appeal we put them on her ears, and her eyes showed that she thoroughly enjoyed it. Afterwards, when we took them off, she wanted them on again, and moved her ears back when she saw the 'phones coming.—J. W. HAYNES, Covers Road, Claygate, Surrey.

I DO so dislike the idea of people being asked if they would like to listen to a broadcast religious service, it makes it seem as if it were a sort of performance. Surely we should be asked if we would like to join in the service.—M. A. B., London, W.

It will perhaps interest you to hear that every time Sir Walford Davies in his broadcast Talks says that he is afraid that he is playing too softly, I can hear every single note just as if he were playing here in my room. The wonder of it!—M. P. LEALBERG, Ueerenglaect, Holland.

#### NOTICE TO READERS.

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RATES OF SUBSCRIPTION to 'The Radio Times' (including postage): Twelve Months (Foreign), 15s. 8d., Twelve Months (British), 13s. 6d.

## A Breath of Fresh Air.



[Mr. A. Bonnet Laird, well known to listeners for his nature talks, comments below on some of the many letters he has received.]

#### White Blackbirds.

THAT old-fashioned British custom, 'If you see a rare creature, kill it,' dies hard, despite all we nature lovers can do; and it is not confined to people with guns.

'Have you seen the white blackbird?' was the question asked in and around the town of Llanidloes (Montgomeryshire) some while ago; and quite a number of people could truthfully answer 'I have.'

For two years previously a mottled blackbird with a distinct white collar had been observed in the neighbourhood—a cock bird, whose haunts were known only to a few people. In the same spot, not long afterwards, a pure white blackbird was discovered. This was a male bird also. He seemed a little bigger than an ordinary blackbird. When the nesting season came round, he chose a pure black mate, and they built in a high, thick hedge near the river bank.

By this time, news of his existence had spread, and crowds of people from the neighbouring town came out to look at him. It did not seem to make so much difference at first. Eggs were duly laid, and the cock, always in close attendance, seemed quite happy, perched on a tree overlooking the nest and singing gaily.

But the eggs were never hatched. The pair, pressed more and more by the throng of visitors (some of whom seemed intent on killing the rare white bird), became more and more shy, and at last abandoned their nest and disappeared.

Some time afterwards a gardener found a heap of bones with white feathers strewn around; so apparently a hawk had succeeded where the collector of rarities had failed.

A world of pities! There is so much to be learned about the problem of albinos, of which the white blackbird is a not very uncommon type. It would have been most interesting to see the colour of the young birds. If, this nesting season, any of you come upon a white blackbird, I hope you will watch most carefully and jot down all you can about it—but not tell your neighbours!

#### Butterflies—New or Old?

Butterflies have appeared once more in the hall of a Berkshire reader, who wants to know if they can be the same ones as haunted the place last year.

Here, indeed, is a large question for a paragraph; for we have some seventy kinds of butterflies in England alone, and their lifetimes vary so enormously; some completing two cycles within a year, while others take two or three years to reach the full beauty of the adult stage.

Those we see so early in the year may be either new-born creatures who have been induced to leave the chrysalis stage by a deceitful spell of warm weather—in which case, their life will not be a long one—or they may be insects which, in some warm corner, have lived the dark months through.

[A. Bonnet Laird dispatches one of his broadcast books this week to the sender of the most interesting item of nature news—Mr. R. Owen, Meredith, Minffordd, Llanidloes, Montgomeryshire.]



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### A Personal Experience.

The present writer can speak with enthusiasm regarding this new method. Calling at the Institute he was asked whether he knew any Spanish. His reply was that, with the exception of a few words like "primavera," he was entirely unacquainted with the language. He was then handed a little book of 48 pages, printed entirely in Spanish, and asked to read it through. There was not an English word in the book, yet, to his great amazement, he was able to read it through from cover to cover without a mistake. He was particularly astonished at this, in view of the fact that he had no ability as a linguist. He was convinced then that the Pelman method was the best method of learning a Foreign Language that had ever been devised, and he only wished that he had been taught in this way when he was at school.

### Interesting Evidence.

This is typical of the experiences of the thousands of people who are learning French, Spanish, Italian, or German by this new method. Here are a few examples:—

"I have learnt more French during the last three months from your Course than I learnt during some four or five years' teaching on old-fashioned lines at school." (S. 382.)

"I have spent some 100 hours on German studying by your methods: the results obtained in so short a time are amazing." (G.P. 136.)

"I can read and speak Spanish with ease, though it is less than six months since I began." (S.M. 181.)

"I have obtained a remunerative post in the City, solely on the merits of my Italian. I was absolutely ignorant of the language before I began your Course eight months ago." (I.F. 121.)

"I think your Course is the best method I have ever seen." (C. 272.)

"It is with pleasure that I write to tell you how satisfied I am with my progress. It is barely six months since I took my first lesson (in French). During this time I have learnt more than I ever learnt before. My progress has astonished me. You have also succeeded in giving to everyone the means of learning a foreign language without difficulty. The books you send me are full of interest, and when I have finished one I await the arrival of the following book with impatience." (W. 904.)

"I have started the Spanish Course and find it the best and most interesting I have ever tried." (S.P. 106.)

"I am returning for correction the last lesson of Part I. of the Italian Course, and would like to tell you how much I have enjoyed the books and exercises. It is really a fascinating method of teaching, and puts all other methods about fifty years behind the times. Hang it all, under your tuition a fellow can't help but learn." (I.C. 119.)

"I consider the Pelman method of instruction in foreign languages to be far and away the best." (S.W. 129.)

"I would like to say how very much I am enjoying the French course, and how keen I am to get the new book each week. I have studied the psychology of teaching for some years—your method I think excellent in every way." (P. 218.)

"I find it so interesting and so well explained. I shall expect the next two books with further interest." (W. 829.)

"The Spanish Course exceeded my expectations. The method is admirable and removes much of the laborious work usually undertaken in learning a language. It is easily the best that I know." (S.W. 124.)

"I would like to say how delighted I am with the progress it (the Italian Course) has enabled me to make and particularly to express my very best thanks to your examiner for his kind corrections and explanations." (I.D. 109.)

"The Course is most remarkably ingenious and deserves the highest praise. It is unique." (S.D. 115.)

"I have come to the conclusion that your system of teaching German cannot be beaten." (G.C. 112.)

General Sir Aylmer Haldane, G.C.M.G., K.C.B., D.S.O., writes:

"The Pelman method is the best way of learning French without a teacher."

This new method enables you to learn French in French, Spanish in Spanish, German in German, and Italian in Italian. It enables you to learn a language as a Spaniard, Italian, Frenchman, or German learns it.

It enables you to think in the particular language in question.

It thus enables you to speak with increased fluency and without that hesitation which arises from the habit of mentally translating English phrases into their foreign equivalents.

It enables you to read foreign books and newspapers, to enjoy "talks" in foreign languages on the "Wireless" and to "listen-in" with increased enjoyment to foreign stations.

There are no vocabularies to be memorised. You learn the words you need by using them and so that they stay in your mind without effort.

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# PROGRAMMES FOR SUNDAY (February 27)

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2LO LONDON. 361.4 M.

3.39 **WAGNER**  
A PROGRAMME OF FAVOURITE EXCERPTS  
WALTER WIDDOP (Tenor)  
THE WIRELESS SYMPHONY ORCHESTRA,  
Conducted by  
Sir HAMILTON HARTY

ORCHESTRA  
Overture to 'The Mastersingers'



Sir HAMILTON HARTY.

medical Nuremberg. Its leader, the ardour of the young aristocrat in love, gracious, youthful maidenhood, loving in return, and, as foil, the comical ineptitude of the elderly, amorous villain of the piece—all these are compounded into a score that is full of the spirit of Spring, warming and ripening into the mature glory of full summer.

And every element in this intoxicating compound enters into the Overture—which, perhaps, more than any such preparatory piece ever written, summarizes the musical, poetic and emotional content of the play to follow.

WALTER WIDDOP (with Orchestra)  
Prize Song from 'The Mastersingers'

WALTER is a young knight who aspires to membership of the guild of Mastersingers. Moreover, he and Eva (daughter of the goldsmith) are in love. The hand of Eva is to be gained by singing a 'Mastersong' in a contest.

On the night before the contest Walter has a vision of a smit garden and a lovely maiden—Eva. Out of this vision he makes his Prize Song, which everyone declares to be inspired, and which wins him Eva's hand.

ORCHESTRA  
Venusberg Music from 'Tannhäuser'  
Overture to 'The Flying Dutchman'  
WALTER WIDDOP (with Orchestra)  
Siegmund's Love Song, from 'The Valkyrie'

SIEGMUND, the beaten warrior, lying wearied and dispirited before the hearth of his enemy, whose hut he has entered unknowing, and whose challenge to fight upon the morrow has just been hurled at him, broods on his life of failure.

Sieglinde quietly enters, to warn him to flee and save the life that has become of so little value to him.

As he looks at Sieglinde, that life takes on a new value—'Life I find with thee!' he cries. The door of the hut flies open, revealing the beauty of the Spring landscape in moonlight. Then follows the full expression of Siegmund's love.

ORCHESTRA  
A 'Faust' Overture  
Woodland Murmurs (Siegfried)

THE 'Faust' Overture was written in Paris in 1840 (when Wagner was twenty-seven) in the midst of opposition and failure. It was originally designed as the first movement of a 'Faust Symphony,' and was re-written in 1853. The

subject is, of course, Goethe's story of Faust, who is tempted to sell his soul for renewed youth. The peaceful ending may, perhaps, represent his final redemption.

SIEGFRIED, the hero, having killed the dragon who guarded the gold, and tasted the monster's blood, is able to understand the voices of nature. Resting under a tree, he listens to the murmur of the forest's life. He would imitate the birds' songs, and cuts himself a reed from which he fashions a pipe. Then his thoughts turn to his mother, who died when he was born, and the music clouds over for a moment, only to resume its sunny course with a new theme. The whole episode is one of the loveliest scenes even Wagner ever wrote.

WALTER WIDDOP (with Orchestra)  
The Forging Songs ('Siegfried')

FOR Siegfried, who was to have been the world's redeeming hero, his father's shut-



JOSEPH IN PRISON.

From an original drawing by E. McKnight Kauffer, illustrating to-day's reading from the Old Testament. [London, 5.15.]

tered sword, which is called 'Nothung' ('Needful'), has been preserved. The youth has been brought up in the forest by a cunning dwarf, who has tried in vain to weld the pieces of the sword together, but the lad has snapped the blade as quickly as it was forged.

At last, Siegfried himself melts Nothung and forges it, singing exultantly as he tempers and hammers it. When the work is done, the sword is complete and strong again, and Siegfried, shouting in his joy, with one blow from it splits the anvil in twain.

ORCHESTRA  
Siegfried's Journey to the Rhine, from 'The Dusk of the Gods'

SIEGFRIED has won his bride, Brünnhilde. He gives her the Ring as pledge of his love, and she gives him her war-horse, Graue.

Siegfried now descends into the valley, and though in the opera house the curtain falls, the music continues to picture his journey, and his horn is frequently heard. After a time the music tells us that he has reached the deeply-flowing Rhine.

Siegfried's Death March

THERE are few more impressive pages in all Wagner's works than those which accompany the bearing away of the body of Siegfried, who has been treacherously killed by an enemy.

In this funeral music themes from the earlier part of 'The Dusk of the Gods' are recalled, as well as motifs from the other Dramas of 'The Ring' cycle. The whole of the great universal tragedy seems to be summed up in this sombre, powerful music.

5.15-5.30 TALKS FROM THE OLD TESTAMENT  
Joseph in Prison—Genesis xl and xli

8.0 SHEFFIELD CATHEDRAL SERVICE  
ORGAN VOLUNTARY

8.10 RELIGIOUS SERVICE  
Address by the ARCHDEACON OF SHEFFIELD, The  
Ven. J. R. DARBYSHIRE  
S.B. from Sheffield



The Ven. J. R. DARBYSHIRE.

THE VEN. J. R. DARBYSHIRE has been Vicar and Archdeacon of Sheffield since 1922, and is an Honorary Canon of Sheffield. Amongst previous appointments, he has been Vicar of St. Luke, Liverpool, Canon Residentiary of Manchester Cathedral, and Examining Chaplain to the Bishop of Bradford.

8.55 THE WEEK'S GOOD CAUSE: Capt. Sir BEACHCROFT TOWSE, V.C., Chairman of the National Institute for the Blind, appealing for Broadcast Programmes in Braille for the Blind.



Capt. Sir Beachcroft Towse, V.C.

EVERYBODY knows that the wireless has been a heaven-sent boon to the blind, and if only they could have the programmes in their own Braille type, their enjoyment would be materially increased. The National Institute for the Blind is the leading organization of its kind in the country, and Captain Sir Beachcroft Towse, V.C., is its chairman. The address to which donations should be sent is The National Institute for the Blind, 224, Great Portland Street, London, W.1. (Picture on page 419.)

9.0 TIME SIGNAL, GREENWICH; WEATHER FORECAST, GENERAL NEWS BULLETIN; Local Announcements

9.15 MILITARY BAND PROGRAMME  
THE WIRELESS MILITARY BAND, conducted by  
Lieut. B. WALTON O'DONNELL, R.M.

Overture to 'Rosamunde' ..... Schubert  
Excerpts from 'Scheherazade' ..... Rimsky-Korsakov  
The Young Prince and Princess; Festival at Bagdad—Shipwreck on the Lodesstone Rock  
GWEN KNIGHT (Soprano)  
The Lake Isle of Innisfree .... } Graham Peel  
April ..... }  
To One Dead ..... } Michael Head  
You Came to Me in May ..... }  
Come To Me in My Dreams ..... } Gwen Knight

BAND  
Ballet Music from 'Hiawatha' Coleridge-Taylor  
The Wooing; The Marriage Feast; Bird Scene and Conjuror's Dance; Departure and Reunion

GWEN KNIGHT  
The Lass with the Delicate Air ..... Arns  
The Monkey's Carol ..... Stanford  
Do Not Go, My Love ..... Hageman  
A Lake and a Fairy Boat ..... Holbrook

BAND  
Impromptu in A Flat ..... Chopin  
Preludium ..... Jarnesfelt  
Rhapsody, No. 1 ..... Liszt

10.40 EPILOGUE

5XX DAVENTRY. 1,600 M.

10.30 Time Signal, Greenwich, Weather Forecast

3.30-5.30 S.B. from London (4.0 Time Signal)

8.0 S.B. from Sheffield (See London Programme)

8.55 S.B. from London

9.10 Shipping Forecast

9.15-10.40 S.B. from London (10.0 Time Signal)

# PROGRAMMES FOR SUNDAY (February 27)

**5IT BIRMINGHAM. 326.1 M.**

3.30-5.30 *S.B. from London*

8.0 RELIGIOUS SERVICE  
*S.B. from Sheffield*

8.55 *S.B. from London (9.10 Local News)*

9.15-10.30 **SOME MENDELSSOHN MUSIC**

THE STATION ORCHESTRA

Overture, 'A Midsummer Night's Dream'

MURIEL SOTHAM (Contralto) and Orchestra  
'But the Lord is Mindful,' from 'St. Paul'

SAUL had 'made havock of the Church,' and was journeying to Damascus to continue his persecution, when he was struck to the earth, heard the Lord's voice, and was converted.

The Air we are to hear comes in the Oratorio immediately before the scene of the conversion. It is a song of comfort for persecuted folk: 'But the Lord is mindful of His own, He remembers His children. Bow down before Him, ye mighty, for the Lord is near us.'

THE STATION CHORUS

Part Songs:

Farewell, My Home  
Land of Beauty

HAROLD MILLS (Violin) and ORCHESTRA  
Concerto—Second and Third Movements

MENDELSSOHN'S only Concerto for Violin and Orchestra is among the most popular of all such works, and has often been described. It will suffice to remark that in the SECOND MOVEMENT (Moving gently), after a few introductory bars, the Solo Violin begins a long, tranquil 'Song without words.'

Following on the Second Movement, there is a passage of meditation and indecision for Strings (led by the Soloist), then, with a preliminary fanfare, we are plunged into the THIRD MOVEMENT—the lightest, most delicate of fleet-footed dances.

MOLLY BELL (Pianoforte)

Prelude and Fugue in E Minor

No. 2 of 'Six Children's Pieces' (Andante Sostenuto)

Scherzo in E Minor, Op. 16

CHORUS AND ORCHESTRA

'Happy and Blest Are They,' from 'St. Paul'

THIS Chorus serves as a commentary and meditation on the death of Stephen, at whose martyrdom Saul was present.

The words are: 'Happy and blest are they who have endured. For though the body dies, the soul shall live for ever.'

MURIEL SOTHAM

Cradle Song

The Home Sigh

Mourn Not

HAROLD MILLS

Song Without Words, No. 25, Op. 62, No. 1  
On Wings of Song

ORCHESTRA

'Reformation' Symphony—Chorale, Variation, and Finale

THE 'Reformation' Symphony (Mendelssohn's fifth work in this form, and his Op. 107) was written for the Tercentenary Festival of the Augsburg Protestant Confession, which was celebrated in Germany in 1830. Sectarian controversy, however, caused the first performance to be postponed for two years. Unlike most Symphonies, the 'Reformation' is in seven Movements, some of them quite short.

The Movements we are to hear are the Fifth, Sixth, and Seventh.

V. (Slowish, but with movement.) Here the famous Chorale or Hymn-Tune 'A Safe Stronghold' ('Ein Feste Burg') is given out, the first line by a Solo Flute. In the second line Oboes, Clarinets, and Bassoons join in, and the rest of the Orchestra enters during the remaining lines.

VI is a Variation on this Tune (Quick and lively). The Strings run in figures of three notes, while bits of the Hymn-Tune are heard



## 'THE ROSE MAIDEN.'

These are the four artists who will take the solo parts in Sir Frederic Cowen's cantata when it is broadcast from Cardiff to-night. They are, above, Mr. Arthur Cranmer and Miss Eda Bennie; below, Miss Esther Coleman and Mr. Walter Glynn.

on Oboe, Clarinet, etc. This again leads without break to

VII. (Quick and Dignified.) A massive Tune stalks up and down in *arpeggio* form—ascending and descending the stairs three or four at a time, so to speak. Violas, Cellos, and Basses give out a Tune (beginning fairly high up with four repeating notes), which is imitated by the other Strings in turn. Then the Second Main Theme appears in the Wind—a marching Tune that starts rather like a trumpet-call. The 'Safe Stronghold' Theme is woven into the rest of the Movement, the hymn's last lines being given out at the close, with full power.

## EPILOGUE

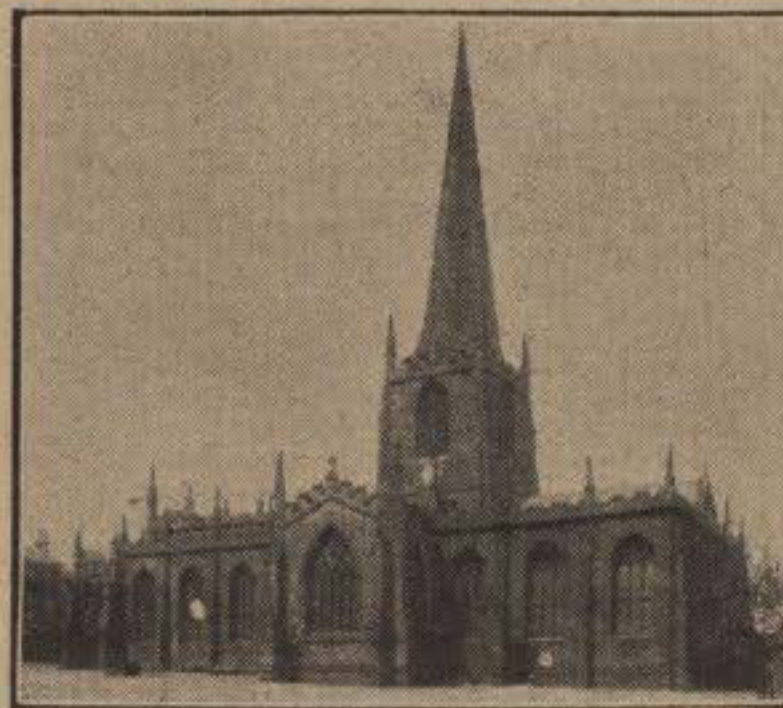
**6BM BOURNEMOUTH. 491.8 M.**

3.30 *S.B. from Manchester*

5.15-5.30 *S.B. from London*

8.0 RELIGIOUS SERVICE  
*S.B. from Sheffield*

8.55-10.40 *S.B. from London (9.10 Local News)*



SHEFFIELD CATHEDRAL.

from which a religious service, with an address by the Archdeacon, is to be relayed by Sheffield Station (S.B. to London and Daventry) at 8.0 to-night.

**5WA CARDIFF. 353 M.**

3.30-5.30 *S.B. from London*

8.0 RELIGIOUS SERVICE  
*S.B. from Sheffield*

8.55 *S.B. from London (9.10 Local News)*

9.15 'THE ROSE MAIDEN'

by

SIR FREDERIC H. COWEN

The Rose Maiden ..... EDA BENNIE  
The Gardener's Daughter ..... ESTHER COLEMAN  
The Forester ..... WALTER GLYNN  
The Spring ..... ARTHUR CRANMER

THE STATION ORCHESTRA and THE STATION REPERTORY CHORUS

Conducted by WARWICK BRAITHWAITE

I. Introduction. (Instrumental)

II. Chorus, 'Green Vale, and Vine-clad Mountains'

III. Recit. (Tenor), 'And through earth's bridal chamber'

Recit. (Soprano), 'Oh! hear, thou king of beauty'

Recit. (Baritone), 'Nay, why should all my gladness'

Duet (Soprano and Baritone), 'The rose of love'

Recit. (Baritone), 'Lose, then, the peace for ever'

Duet (Soprano and Baritone), 'Soon as the mountain summits'

IV. Recit. (Tenor), 'So spake the Spring'

Chorus, 'A maid more beautiful than May'

Solo (Soprano), 'Bloom on, my roses'

V. Chorus, 'Mid the waving rose-trees'

VI. Recit. (Soprano), 'God greet thee'

Scena (Contralto), 'Ask of you ruined castle'

Recit. (Tenor), 'Yet chime they so sadly'

Chorus, 'Oh, earth-born sorrow'

VII. Trio (Soprano, Contralto, and Baritone), 'Hast thou wandered?'

VIII. Air (Tenor), 'The sleep of even'

IX. Recit. (Baritone), 'Hark, beneath her window'

Duet (Soprano and Tenor), 'I know a rosebud shining'

X. Chorus, 'Tis thy wedding morning'

XI. Solo (Baritone), 'Where gloomy pine-trees rustle'

XII. Recit. (Tenor), 'For from the summer blossom'

XIII. Chorus (Male Voices), 'What sounds there so softly?'

Chorus of Elves, 'Farewell, sleep thou lightly'

XIV. Finale (Solo, Tenor and Chorus), 'Yea, e'en as die the roses'

10.30-10.50 THE SILENT FELLOWSHIP

**2ZY MANCHESTER. 384.6 M.**

3.30 **MOZART'S LAST MASTERPIECES**

A Musical Drama in Three Episodes by

LEIGH HENRY

EPISODE I. Mozart's home on the evening of the production of 'The Magic Flute'

EPISODE II. The same. Mozart is completing his 'Requiem'

EPISODE III. The Passing of Mozart

Characters:

Constance (Mozart's Wife)..... MAVIS BENNETT

Wolfgang Mozart..... E. H. BRIDGESTOCK

Josef Haydn (affectionately known as 'Papa')..... D. E. ORMEROD

Schikaneder (An Impresario and Mozart's Librettist)..... VICTOR SMYTHE

Sussmayer (Mozart's Favourite Pupil and Friend)..... JOHN COLLINSON

Additional Artists for Concerted Numbers:

MARY KAY (Contralto); LEE TRISTLE-

THWAITE (Baritone)

THE AUGMENTED STATION ORCHESTRA, conducted by T. H. MORRISON

# PROGRAMMES FOR SUNDAY (February 27)

## The Blind Man and His Wireless.

### The Need for B.B.C. Programmes in Braille.

IN view of the keen interest in wireless displayed by the blind, the National Institute for the Blind, whose work for the sightless is known all over the world, has recently given much careful consideration to the production of what it considers to be an essential service—an adequate wireless programme printed in Braille.

At present, the blind are absolutely dependent on friends for their knowledge of the daily programmes. This is not as it should be. The Council of the Institute believe that everything which makes for the independence of the blind must receive the wholehearted support of those who are blessed with eyesight, and this belief, in so far as a Braille wireless programme is concerned, has been confirmed by the interest shown in the suggestion by the British Broadcasting Corporation.

The Institute, however, has very heavy responsibilities to bear. Apart from its many other activities, it is the largest publishing house for the blind in the world, and its printing presses are always working at full capacity to meet the constantly growing demands for Braille literature of all kinds. The only means, therefore, which will enable the Institute to meet the new demand is the purchase of a new embossing machine. With this machine installed, the Institute could produce an adequate weekly programme journal to be sold to the blind throughout the United Kingdom at an annual subscription of 6s. 6d. post free, a subscription which, of course, would only partially cover the cost of production.

The cost of the machine is £700, but at the moment the Institute has no funds available for this special purpose, as its general funds for some time to come are monopolized by work of an urgent nature already begun. Yet the sum is not large,

and it is not likely that readers of *The Radio Times* will permit this difficulty to stand in the Institute's way. Even if only a small percentage of readers contribute towards the cost of the machine, the £700 should be produced forthwith.

It should be understood, however, that the greater the sum received by the Institute for the purpose of supplying a Braille wireless programme, the better and the more useful to the blind that programme will be, as any money received above the £700 will be used in perfecting the programme service.

*The Radio Times* for its part will do everything possible to assist the Institute in carrying out its admirable scheme, and arrangements have already been made whereby the Institute will be provided with the necessary details of forthcoming programmes in advance of publication, and, of course, without copyright fee.

All donations should be addressed to the Secretary-General (Braille Wireless Programmes Fund), National Institute for the Blind, 224-8, Great Portland Street, W.1.

On Sunday evening at 8.55, Captain Sir Beachcroft Touse, who has been for so many years Chairman of the National Institute for the Blind, will speak from the London Studio on behalf of this most deserving of good causes. We are glad to be able to reinforce Sir Beachcroft's appeal with the foregoing article, which we commend to the sympathetic consideration of all our readers.—THE EDITOR, *The Radio Times*.

5.15-5.30 S.B. from London  
8.0 RELIGIOUS SERVICE  
S.B. from Sheffield

8.55-10.40 S.B. from London (9.10 Local News)

**6KH HULL. 294 M.**

3.30-5.30 S.B. from London  
8.0 RELIGIOUS SERVICE  
S.B. from Sheffield

8.55-10.40 S.B. from London (9.10 Local News)

**2LS LEEDS-BRADFORD. 277.8 M. & 252.1 M.**

3.30-5.30 S.B. from London  
8.0 RELIGIOUS SERVICE  
S.B. from Sheffield

8.55-10.40 S.B. from London (9.10 Local News)

**6LV LIVERPOOL. 297 M.**

3.30 S.B. from Manchester  
5.15-5.30 S.B. from London  
8.0 RELIGIOUS SERVICE  
S.B. from Sheffield

8.55-10.40 S.B. from London (9.10 Local News)

**5NG NOTTINGHAM. 275.2 M.**

3.30 S.B. from Manchester  
5.15-5.30 S.B. from London  
8.0 RELIGIOUS SERVICE  
S.B. from Sheffield

8.55-10.40 S.B. from London (9.10 Local News)

**5PY PLYMOUTH. 400 M.**

3.30-5.30 S.B. from London  
8.0 RELIGIOUS SERVICE  
S.B. from Sheffield

8.55-10.40 S.B. from London (9.10 Local News)

**6FL SHEFFIELD. 272.7 M.**

3.30 S.B. from Manchester  
5.15-5.30 S.B. from London  
8.0 SHEFFIELD CATHEDRAL SERVICE  
ORGAN VOLUNTARY

8.10 RELIGIOUS SERVICE  
Relayed to London and Daventry  
Hymn, 'Gracious Spirit, Holy Ghost' (A. and M., No. 210)  
The Lord's Prayer and Versicles  
Psalm xxiii, 'Dominus Regit Me'  
The Lesson, I Cor. xiii  
Magnificat in E Flat..... Macfarren  
Collects  
Anthem, 'My Soul, There Is A Country' Parry  
Sermon

THE ARCHDEACON OF SHEFFIELD  
Hymn, 'Abide With Me' (A. and M., No. 27)  
Blessing

8.55-10.40 S.B. from London (9.10 Local News)

**6ST STOKE. 294 M.**

3.30-5.30 S.B. from London  
8.0 RELIGIOUS SERVICE  
S.B. from Sheffield

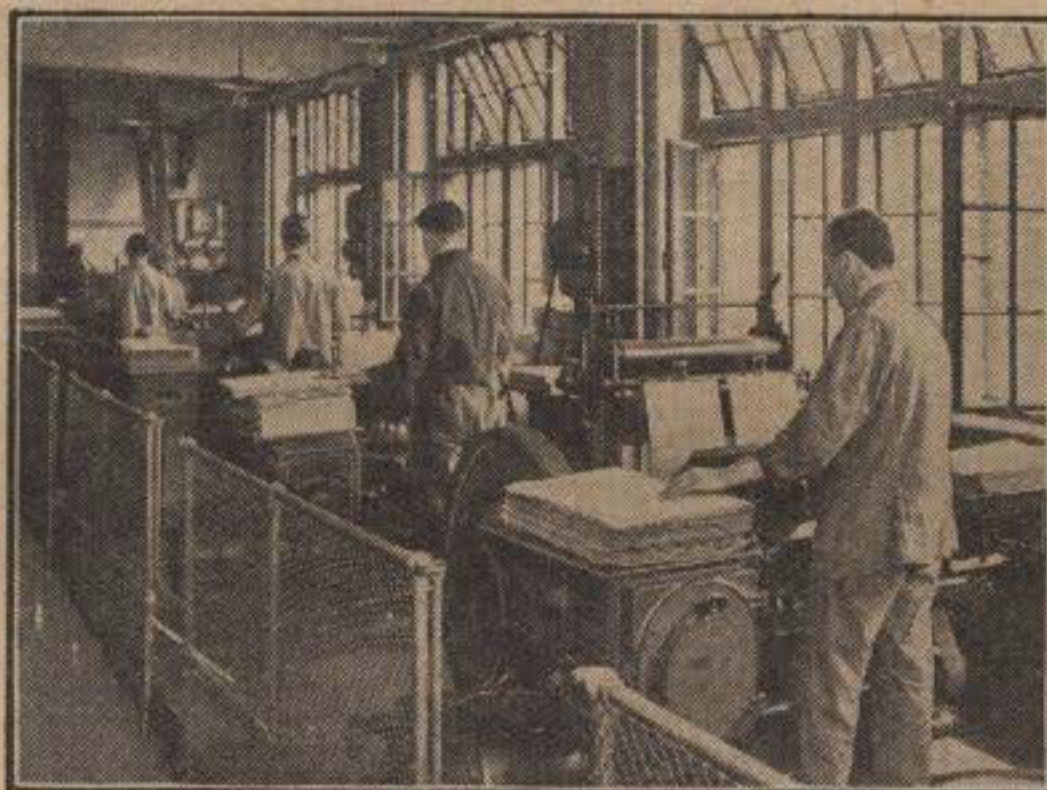
8.55-10.40 S.B. from London (9.10 Local News)

**5SX SWANSEA. 294 M.**

3.30-5.30 S.B. from London  
8.0 RELIGIOUS SERVICE  
S.B. from Sheffield

8.55 S.B. from London (9.10 Local News)

9.15-10.50 S.B. from Cardiff



**MAKING BOOKS FOR THE BLIND.**  
A scene in the printing room of the National Institute for the Blind, showing how books are printed in Braille. It is one of these embossing machines that is needed to provide wireless programmes in Braille type.

## Northern Programmes.

**5NO NEWCASTLE. 312.5 M.**  
3.30-5.30:—S.B. from London. 8.0:—S.B. from Sheffield.  
8.55-10.40:—S.B. from London.

**5SC GLASGOW. 405.4 M.**  
3.30:—Longfellow Anniversary Programme. Scenes from 'The Song of Hiawatha' (S. Coleridge-Taylor). (Words by Longfellow.) For Solo, Chorus, and Orchestra. Stiles Allen (Soprano), Patry Jones (Tenor), Robert Burnett (Baritone), Station Choir, Station Symphony Orchestra, conducted by Herbert A. Carruthers: Hiawatha's Wedding Feast; The Death of Minnehaha; Hiawatha's Departure. 5.15-5.30:—S.B. from London. 8.0:—S.B. from Sheffield. 8.55-10.40:—S.B. from London.

**2BD ABERDEEN. 500 M.**  
2.30:—Gaelic Service, relayed from King's College Chapel, Aberdeen. 3.30:—S.B. from Manchester. 5.15-5.30:—S.B. from London. 8.0:—S.B. from Sheffield. 8.55-10.40:—S.B. from London.

**2BE BELFAST. 306.1 M.**  
3.30:—S.B. from Manchester. 5.15-5.30:—S.B. from London. 8.0:—S.B. from Sheffield. 8.55-10.40:—S.B. from London.

The Pianos in use in the various stations of the British Broadcasting Corporation are by **CHAPPELL and WEBER.**

# PROGRAMMES FOR MONDAY (February 28)

**2LO LONDON. 361.4 M.**

(1.0 Time Signal, Big Ben)

- 1.0-2.0 ORGAN RECITAL**  
By EDGAR T. COOK  
(Organist of Southwark Cathedral)  
GUY MAGRATH (Solo Violin)  
Relayed from SOUTHWARK CATHEDRAL
- THE ORGAN**  
Second Sonata ..... Mendelssohn  
Two Pieces for Organ ..... Frank Bridge  
Allegretto Grazioso (Cheerful and graceful);  
Allegro Marziale (Quick and martial)
- GUY MAGRATH  
Adagio from Concerto in E ..... Bach
- THE ORGAN**  
Three Preludes on Welsh Hymn Tunes  
Vaughan Williams  
Bryn Calharia; Rhosy medre; Hydrydol  
Holy Boy ..... Ireland
- GUY MAGRATH  
Supplication ..... G. Magrath  
Poem ..... Fibich
- THE ORGAN**  
Prelude and Fugue on B.A.C.H. .... Liszt
- 2.55 Reading, 'Sailing Round the World,' by Capt. Slocum**
- 3.0 Mr. CLIFFORD W. COLLINSON, 'The South Sea Islands'**  
THE South Sea Islands have been the scene of many a novel of adventure, but here, once again, truth is stranger than most fiction, and the trader can tell better stories from his own experience than the novelist can devise from his imagination. Mr. Collinson has lived as a trader in the Solomon Islands, and his book, 'Life and Laughter 'Midst the Cannibals,' and his reputation as a lecturer, are evidence that he knows how to tell his stories well.  
(Picture on page 422.)
- 4.0 Time Signal, Greenwich.**
- THE ROYAL AUTOMOBILE CLUB DANCE BAND** from the R.A.C.
- 4.15 Prof. G. ELLIOT SMITH, 'The Movements of Living Creatures'**  
IN to-day's talk Professor Elliot Smith continues his discussion of the marvellous mechanism, involving supreme efficiency of the labyrinth and the brain, by which vertebrates can perform the most complicated acrobatic feats automatically, whilst their attention is free to modify their movements consciously. A simple example is to be found in the eyes of the dog-fish, which maintain their horizontal position automatically when its head is moved, as is shown in the illustration on this page.
- 4.30 THE R.A.C. DANCE BAND (Continued)**
- 5.0 HOUSEHOLD TALK: 'Pancakes,' by Mrs. RANSON**
- 5.15 THE CHILDREN'S HOUR: Songs by Winifred Davis. Piano Solos by Cecil Dixon. 'The Warp and the Wool' (Olwen Bowen). 'Our Moon and Others,' by Captain Maurice Ainslie**
- 6.0 ALEX FRYER'S ORCHESTRA** from the Rialto Theatre
- 6.25 Quarterly Bulletin** by the Radio Society of Great Britain
- 6.30 TIME SIGNAL, GREENWICH; WEATHER FORECAST, FIRST GENERAL NEWS BULLETIN**
- 6.45 ALEX FRYER'S ORCHESTRA** from the Rialto Theatre (Continued)
- 7.0 Mr. DESMOND MACCARTHY, Literary Criticism**
- 7.15 THE FOUNDATIONS OF MUSIC**  
The Piano Sonatas of Mozart
- 7.25 M. STÉPHAN: 'Le Bourgeois Gentilhomme,' Act III, Scenes 11, 12, 13, 14 and 15 (Pages 45-48)**

**7.45**

## 'THE LILAC DE CHINO'

An Operetta in Three Acts

Book and Lyrics by HARRY B. SMITH and ROBERT B. SMITH

Music by CHARLES CUVILLIER

The characters appear in the following order:  
Cornelius Cleveden (an American Multi-Millionaire)  
Leonie Forde (Georgine's Friend)  
Elliston Deyn (Cleveden's Nephew)  
Prosper Woodhouse (an American Friend of Andre)  
Norman J. Calmain (a Friend of Everybody)  
Maximilian (a Waiter)  
Hon. Andre D'Aubigny (a young Englishman 'seeing U.S.A.')  
Carabana (Conductor of Spanish Gipsy Orchestra)  
Georgine (Col. Cleveden's daughter)  
The Baroness de Villiers (Social Companion to Georgine)  
Parker (one of Cleveden's Butlers)  
Domenos, Maskers, Dancers, Guests

**ACT I** A Lounge at the Pavilion de Danse in the Breakers Hotel, Palm Beach, Florida, during a Masquerade Ball.

**ACT II** The Roman Pergola in the garden of Colonel Cleveden's Villa at Palm Beach.

**ACT III** Court of the Palms during High Carnival.

JAMIESON DODDS

and

CLARA BUTTERWORTH

will take their original parts of the Hon. Andre D'Aubigny and Georgine respectively.

**9.0 TIME SIGNAL, GREENWICH; WEATHER FORECAST, SECOND GENERAL NEWS BULLETIN; Local Announcements**

**9.15 Worcester Dialect Talk, by Mr. GARCE**  
Arranged by E. LE BRETON MARTIN.

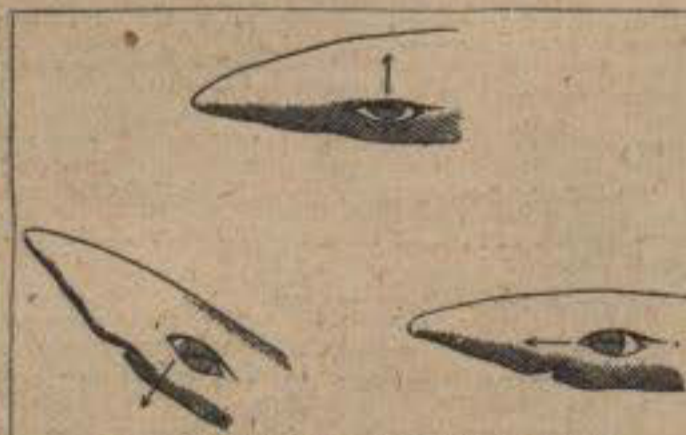
THIS interesting talk, which has been arranged with the approval of the Worcester County Association, is, it is hoped, the forerunner of a series in which the rich dialects of rural England will be illustrated by those who really talk them. In 'Mr. Garce,' who is a Worcestershire gardener, listeners will for the first time hear a genuine son of the soil at the microphone. The plan is for Mr. E. Le Breton Martin, who is himself a Worcestershire man, to give a short talk on the history and present character of the country, and Mr. Garce will then give a free translation into the vernacular of the same thing. Quite apart from the genuine ethnological and philological value of such a demonstration, it should be extremely interesting to the ordinary man who wants to know a little more of 'how the other half lives.'

**9.30**

ELLA RETFORD

in

Some of her Successes



A FISH WITH AUTOMATIC EYES.

As Professor Elliot Smith will explain in his talk to-day [London 4.15] the eyes of the dog-fish are a good example of automatic control. The dog-fish can move his eyes if he wants to, as you see in the drawings on top and on the right; but if his head is moved involuntarily (as in the drawing on the left), his eyes automatically remain horizontal.

**9.45-11.15 CHAMBER MUSIC**

VIOLET GORDON WOODHOUSE (Harpichord)  
THE MUSIC SOCIETY STRING QUARTET:  
ANDRÉ MANGEOT; BORIS PECKER; FRANK HOWARD; HERBERT WITHERS

QUARTET

Fantasia in C Minor and C Major

Purcell, ed. Mangeot

VIOLET GORDON WOODHOUSE

The 'Italian' Concerto ..... Bach

'THE DEATH OF TINTAGILES'

A Play by MAURICE MAETERLINCK, in Five Short Acts

Characters:

Tintagiles ..... BRIAN GLENNIS  
Ygraine } (Sisters of Tin- (BEATRICE WILSON  
Bellangere } tagiles) } IRIS BAKER  
Aglovale ..... H. HESSLEIGH  
First Servant ..... LEONARD SHEPHERD  
Second Servant ..... ANDREW CHURCHMAN  
Third Servant ..... FRANK ADAIR

**ACT I.** On the top of a hill overlooking a castle.

**ACT II.** A room in the castle, in which Aglovale and Ygraine are seated.

**ACT III.** The same room.

**ACT IV.** A corridor in front of the room in which the last Act took place.

**ACT V.** Before a great iron door in a gloomy vault.

Produced by LEWIS CASSON

QUARTET

Quartet Movement in C Minor ..... Schubert  
Allegro Assai

(Leader, ANDRÉ MANGEOT)

VIOLET GORDON WOODHOUSE, ANDRÉ MANGEOT and FRANK HOWARD

Trio in E Flat for Harpichord, Violin and Viola  
Mozart

(Leader, BORIS PECKER)

**5XX DAVENTRY. 1,600 M.**

**10.30 a.m.** Time Signal, Greenwich; Weather Forecast

**11.0 Time Signal, Big Ben. THE DAVENTRY QUARTET** and GRACE GORDON (Soprano), RONALD CHIVERS (Baritone), MAUDE MELLIER (Oboe), ARNOLD PERRY (Pianoforte)

**1.0-2.0 S.B. from London (1.0 Time Signal)**

**2.55 S.B. from London**

**9.10 Shipping Forecast**

**9.15 S.B. from London**

**9.45 THE ROOSTERS**

(10.0 Time Signal, Greenwich)

TO-NIGHT listeners will once again hear that cheery Army programme which remains the most popular thing the Roosters have done in their five years of broadcasting. The verbose Captain Posh, the exigent Sergeant Scrouge, and those gay opportunists, Privates Dodge, Bruiser, and Swinger, will all be in the studio to-night.

**11.15-12.0 DANCE MUSIC: JACK PAYNE'S HOTEL CECIL DANCE BAND, from the Hotel Cecil**

**5IT BIRMINGHAM. 326.1 M.**

**3.45 THE STATION PIANOFORTE QUINTET**

**4.45 AFTERNOON TOPICS: SIDNEY ROGERS, 'Topical Horticultural Hints—Work in Fruit Plantations,' ALICE CLAYTON (Pianoforte)**

**5.15 THE CHILDREN'S HOUR: Fairy Story** by Gladys Colbourne. Songs by Harold Casey (Baritone). A Children's Play

**6.0 HAROLD TURLEY'S ORCHESTRA, relayed from Prince's Café**

**6.25-11.15 S.B. from London (9.10 Local News)**

# PROGRAMMES FOR MONDAY (February 28)

## GBM BOURNEMOUTH. 491.8 M.

- 3.0 London Programme relayed from Daventry
- 5.15 THE CHILDREN'S HOUR
- 6.0 THE STATION TRIO: REGINALD S. MOUAT (Violin); THOMAS E. ILLINGWORTH ('Cello'); ERNEST LUSH (Pianoforte)
- 6.25 S.B. from London
- 7.45 THE STATION TRIO: REGINALD S. MOUAT (Violin), THOMAS E. ILLINGWORTH ('Cello'), ERNEST LUSH (Pianoforte)
- 8.0 UNIVERSITY OF WESSEX SCHEME  
Speeches by  
THE BISHOP OF WINCHESTER, THE MAYOR OF BOURNEMOUTH, PROFESSOR OLIVER ELTON  
At a Public Meeting to Promote the Scheme for a University of Wessex  
Relayed from the Town Hall, Bournemouth
- 8.35 BARBARA COUPER and VIVIEN LAMBELET  
In Rhyme and Rhythm
- 9.0 S.B. from London (9.10 Local News)
- 9.45 SCHUMANN—SCHUBERT  
THE STATION OCTET  
Military March ..... } Schubert  
Entr'actes and Ballet Music to 'Rosamunde' ..... }
- 10.10 ESTHER COLEMAN (Contralto)  
Ave Maria ..... } Schubert  
Ständchen (Serenade) ..... }  
An die Musik (To Music) ..... }  
Gretchen am Spinnrade (Margaret at the Spinning Wheel) ..... }
- THE prayer to the Virgin, *Ave Maria*, to which Schubert wrote one of his sublimest melodies, is Ellen's third song in Sir Walter Scott's *Lady of the Lake*.  
The sweet sentiment of the *Serenade* evokes a spirit of quietness and beauty.  
*To Music* (the words of which are by Schöber, one of Schubert's earliest friends) is a short invocation to the 'divine voice' to enlighten the darkness of the heart, and to fill the soul with the love of noble things.  
The words of *Margaret at the Spinning Wheel* are from Goethe's *Faust*. Margaret, left alone, is filled with dread. She recalls her lover's attractions—his eye, and the sound of his voice, and lingers lovingly on the thought of his kiss. Here she pauses in her spinning for a moment, and the accompaniment tells how she re-starts her spinning-wheel. She continues her meditation, longing for the bliss denied her.
- 10.25 OCTET  
Fantasia on the Works of Schumann  
Romance from Fourth Symphony ... Schumann
- 10.40 ESTHER COLEMAN  
Der Arme Peter (Poor Peter) ..... } Schumann  
Ich Grolle Nicht (I Grieve Not) ... }  
Frühlingsnacht (Spring Night) ..... }
- 10.55-11.0 OCTET  
Träumerei ('Dreaming') ..... Schumann

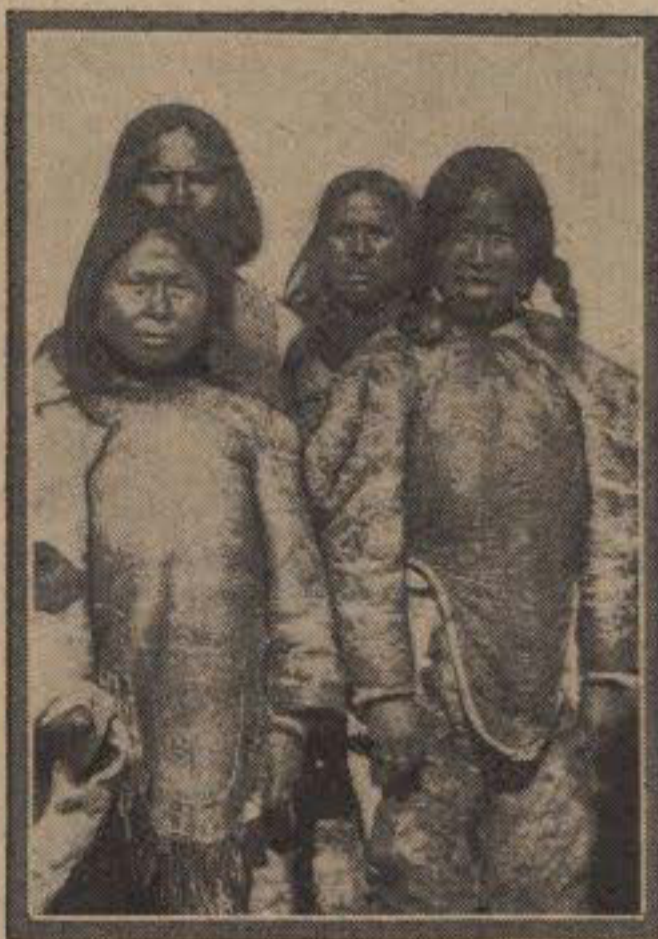
## 5WA CARDIFF. 353 M.

- 12.30-1.30 Lunch-Time Music from the Carlton Restaurant
- 3.15 BROADCAST TO SCHOOLS: MRS. E. FIELDEN HODGSON, 'Primitive Life and Folk Tales—In Greenland'
- 3.40 THE STATION ORCHESTRA  
Overture to 'Maritana' ..... Wallace  
Selection from 'The Valkyrie' Wagner, arr. Tavan
- 4.15 London Programme relayed from Daventry

- 4.30 ORCHESTRA  
Selection, 'The Thistle' ..... Myddleton
- 4.45 FRANCES M. ENGLAND, 'Women Pioneers—In the Professions'
- 5.0 ORCHESTRA  
Waltz, 'The Sleeping Beauty' ..... Tchaikovsky  
Buffoon Dance, 'Polichinelle' ..... Wachs
- 5.15 THE CHILDREN'S HOUR
- 6.0 MISS EDITH CEDERVALL, 'Prose Writers of the 19th Century—Froude'
- 6.15 ORCHESTRA  
Suite, 'Summer Days' ..... Coates
- 6.25 S.B. from London (9.10 Local News)
- 9.45 MUSIC AND DRAMA  
THE STATION TRIO: FRANK THOMAS (Violin); FRANK WHITNALL (Violoncello); VERA MCCOMB THOMAS (Pianoforte)  
Trio in C Minor, First Movement .. Mendelssohn
- 10.0 'BY VIRTUE OF A BROADCAST'  
A Play specially written for broadcasting by FRANK H. SHAW

Cast:  
The Rev. Hilary Standish ..... DODD MEHAN  
First Elder ..... HERBERT LUGG  
Second Elder ..... FRANK DENTON  
Captain Standish ..... HENRY OSCAR  
Monzies (First Mate) ..... REGINALD DANCE  
Fyle (Chief Engineer) ..... ERNEST G. COVE  
Third Mate ..... DINO GALVANI  
Wireless Operator ..... LAWRENCE GOWDY  
Helmsman ..... FRED VIGAY  
Sailor ..... ROGER MAXWELL

THE essential action of this play takes place in Mr. Frank Shaw's favourite setting—the sea. In an interesting manner he shows how the medium of wireless may provide incidents which in another age would have been almost supernatural.  
The Scene opens in the Albert Hall at the close of a religious gathering, but in a flash the listener is transported to the deck of a vessel battling with storm off Ushant Light.  
In the fight for life which follows, the Ship's Company have the audible encouragement of prayer and well-wishing from their fellow-men



BEAUTIES OF THE FROZEN NORTH.  
These Eskimaux women from Cape York, in Greenland, are typical of the people about whom Mrs. Fielden Hodgson will talk to Cardiff schools this afternoon.

on land, and that which in other days might have been a vision becomes by modern science an actual fact.

- 10.25 TRIO  
Zazra ..... York Bowen
- 10.30 ELSPETH DOUGLAS-REID  
In Original Character Studies
- 10.45-11.0 TRIO  
Trio in C Minor, Last Movement .. Mendelssohn

## 2ZY MANCHESTER. 384.6 M.

- 3.25 BROADCAST TO SCHOOLS: MR. EDWARD CRESSY, 'Great Canals of the World—VII, The Panama Canal I'
- 3.45 LILLIAN GIBSON (Mezzo-Soprano)
- 4.0 ORCHESTRAL MUSIC from the Piccadilly Picture Theatre
- 5.0 AFTERNOON TOPICS: FATHER BERNARD BULLER, 'Birds at the Window—Blue Tits'



James Photo Press

- 5.15 THE CHILDREN'S HOUR: By the Lake; The Glade; A Meadow by the Sea; from Song Cycle, 'Holiday Dreams,' by F. Royle. Sung by Harry Hopewell
- 6.0 THE MAJESTIC 'CELEBRITY' ORCHESTRA from the Hotel Majestic, St. Annes-on-the-Sea. Musical Director: GERALD W. BRIGHT
- 6.25 S.B. from London
- 6.45 THE MAJESTIC 'CELEBRITY' ORCHESTRA (Continued)
- 7.0 S.B. from London
- 7.45 A 'RAG' PROGRAMME

By MANCHESTER UNIVERSITY STUDENTS  
THE composition of this programme greatly depends upon whether a depression over Iceland moves north or south, but the concert will probably include the following items:  
After-Dinner Speeches of the Geoplanurian Society  
A Short Destructive Address by Somebody Who Doesn't Matter  
Music to Suit Various Heights of Brow  
The Microphone Will Wander Afar  
Item No. 5  
The Sixth Item  
Almost Finished  
We leave you, we hope, bursting with charity towards our efforts here and hereafter

IT is no uncommon experience for a Manchester citizen, wending his way to business on Shrove Tuesday, to be confronted by an awe-inspiring pirate, a red-nosed clown, or a terrifying highwayman, all rattling money-boxes and demanding money. Each year on this one day the city is invaded by thousands of weirdly garbed figures, who have escaped from the lecture-rooms of the University to make a gigantic collection in aid of Hospital Charities. Each time the amount of the collection increases, and last year the magnificent total of £6,000 was reached.  
As in past years, the Manchester Broadcasting Station again offers its microphone to the students on this occasion.

- 9.0 S.B. from London (9.10 Local News)

# PROGRAMMES FOR MONDAY (February 28)

## 9.30-11.0 'THE DUKE OF KILLICRANKIE'

A Farical Romance in Three Acts, by ROBERT MARSHALL

Performed by THE STATION REPERTORY PLAYERS  
Ian Douglas MacCayne (Duke of Killierankie)

W. E. DICKMAN  
Mr. Henry Pitt-Welby, M.P. . . . . E. H. BRIDGESTOCK  
Mr. Ambrose Hicks . . . . . D. E. ORMEROD  
Alexander Macbayne (Caretaker at Crag-o'-North)

VICTOR SMYTHE  
Butler . . . . . CHARLES NESBITT  
The Countess of Pangbourne MARY EASTWOOD  
The Lady Henrietta Addison (Her Daughter)

HYLDA METCALF  
Mrs. Mulholland . . . . . LUCIA ROGERS  
Mrs. Macbayne (Housekeeper at Crag-o'-North)  
JANE MACKINTOSH

ACT I. The Library at Glencoe House, Park Lane, W. 1.0 a.m., July 27

ACT II. Crag-o'-North, Fortronald, N.B. One week later

ACT III. The Gateway, Crag-o'-North. One week later

Period: To-day

(Booklets, price 2d. per copy, containing the story of the Play, and photographs of the principal characters, may be obtained from the Manchester Station, or from Wireless Dealers in the Manchester area.)

## 6KH HULL 294 M.

11.30-12.30 Gramophone Records

3.30 Light Music

4.0 AFTERNOON TOPICS: Miss HANNCHEN DRASDO, 'Four Norwegian Authors—IV, Sigrid Undset'

4.15 FIELD'S QUARTET, relayed from the New Restaurant, King Edward Street

5.15 THE CHILDREN'S HOUR

6.0 London Programme relayed from Daventry

6.15 WILLIAM WALTON: 'The Modern Laundry and its Working'

6.30-11.15 S.B. from London (9.10 Local News)

## 2LS LEEDS-BRADFORD. 277.8 M. & 252.1 M.

4.0 THE SCALA SYMPHONY ORCHESTRA, relayed from the Scala Theatre, Leeds

5.0 AFTERNOON TOPICS: M. K. DODGSON, 'The Countryside Again'

5.15 THE CHILDREN'S HOUR

6.0 London Programme relayed from Daventry

6.30 S.B. from London

## 7.45 THE HUDDERSFIELD VOCAL UNION

Conducted by J. FLETCHER SYKES  
Accompanist: H. H. SYKES

Madrigal, 'The Lady Oriana' . . . . . Wilbye

IN 1601 a number of the finest musicians in the country wrote madrigals for a collection dedicated to Queen Elizabeth, which was entitled *The Triumphs of Oriana*—Oriana being the Queen, of course.

This six-part madrigal of Wilbye, a very fine Composer indeed, was one of the set.

Double Chorus, 'Now Shall the Grace' . . . . . Bach

THIS Chorus by Bach, which constitutes his fiftieth Cantata, is an eight-part setting of the words, 'Now shall the grace, and the strength, and the rule, and the might of our God and His Christ be declared, for he to nought is come which hath reviled us day and night to God.'

GLADYS STIMSON HAYCOCK (Soprano)  
Recitative, 'I am Alone at Last,' and Air, 'Far Greater in His Lowly State,' from 'The Queen of Sheba' . . . . . Gounod

GEORGE R. WALKER (Pianoforte)  
Kreisleriana, Nos. 4 and 5 . . . . . Schumann



### FROM LIVERPOOL TO-NIGHT.

On the left is Mr. Robert Speaight, who gives a short recital from 'The Tempest' and 'Othello' in the Shakespearean programme to-night, and on the right Yvette, the quaint comedienne, who will entertain listeners later in the evening.

#### VOCAL UNION

Part Song, 'Night Thoughts' . . . . . Cyril Jenkins  
Choral Song, 'Serenade' . . . . . Elgar

EUGENE HANSON (Tenor)

Air, 'Onaway, Awake, Beloved' Coleridge-Taylor

GLADYS STIMSON HAYCOCK

Shepherd, Thy Deceitful Vary H. Lane Wilson

#### VOCAL UNION

Tone Poem, 'The Pampas Grass' Y. Sakhnovsky

GEORGE R. WALKER

Island Spell . . . . . Ireland

Impromptu in A Flat, No. 1, Op. 29 . . . . . Chopin

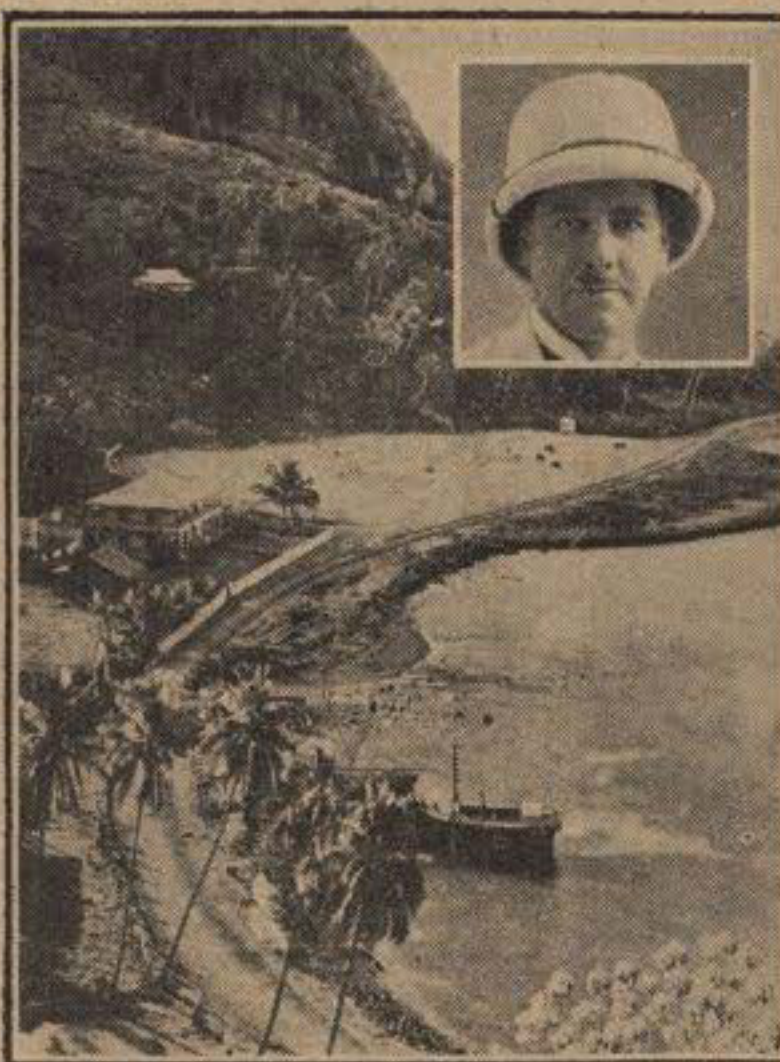
EUGENE HANSON

Questa o quella ('This woman or that') . . . . . (Rigoletto)

La donna e mobile ('Woman is fickle') . . . . . Verdi

THESE are two of the songs sung by the libertine Duke of Mantua.

In the first Air he declares that one woman, to him, is as fair as the next. He finds them all equally attractive, and must pay his attentions to each.



The picturesque beach of Levuka, one of the South Sea Islands about which Mr. Clifford W. Collinson (inset) will talk to-day. [London 3.0.]

The other song is his uncomplimentary ballad about the sex in general, the trend of which is sufficiently indicated by its opening words.

#### VOCAL UNION

Part Song, 'The Snowflakes' . . . . . E. T. Dwyer

6.45 GEORGE LISTER (Entertainer)

In Selected Items from his Repertoire

9.0-11.15 S.B. from London (9.10 Local News)

## 6LV LIVERPOOL 297M

11.30-12.30 Gramophone Lectures Recital, by MOSES BARTZ

4.0 PATRIZOV and his Orchestra from the Futurist Cinema

5.0 AFTERNOON TOPICS: MANNING CRANE: 'Calendar Curiosities'

5.15 THE CHILDREN'S HOUR

6.0 MONTAGUE'S SYMPHONICS relayed from the Edinburgh Café Ballroom.

6.25 S.B. from London

## 7.45 SHAKESPEAREAN PROGRAMME

THE STATION ORCHESTRA, directed by FREDERICK BROWN

Overture to 'Richard III' . . . . . German

Puck's Minuet . . . . . Howells

Short Recital by ROBERT SPEAIGHT

'The Tempest'

Caliban's Speeches from Acts I, II and III

Prospero's Speeches from Acts IV and V

'Othello'

Othello's Speech to the Senate, Act I, Scene 3

Speeches from Act V

MURIEL HERBERT (Soprano)

Ariel's Songs: 'Come Unto These Yellow Sands' and 'Full Fathom Five,' from 'The Tempest' . . . . . P. Nicholls

#### ORCHESTRA

Suite, 'As You Like It' . . . . . Quilter

MURIEL HERBERT

Willow Song ('Othello'), with String Accompaniment . . . . . Quilter

It Was a Lover and His Lass . . . . . Quilter

Under the Greenwood Tree . . . . . Quilter

#### ORCHESTRA

Ballet Suite from 'Henry VIII' . . . . . Saint-Saëns

9.0 S.B. from London (9.10 Local News)

## 9.30-11.0 POPULAR MUSIC

#### THE ORCHESTRA

Overture, 'Le Roi Fa Dit' . . . . . Delibes

TOM KINNIBURGH (Bass) with Orchestra

Star of Eve (Tannhäuser) . . . . . Wagner

Myself When Young . . . . . Liza Lehmann

#### ORCHESTRA

Suite from 'Monsieur Beaucaire' . . . . . Ross

YVETTE, the Quaint Comedienne

Does Some Shopping in Liverpool

#### ORCHESTRA

Waltz, 'The Blue Danube' . . . . . Strauss

TOM KINNIBURGH

The Sea Road . . . . . Haydn Wood

Fairings . . . . . Easthope Martin

Royster Doyster . . . . . Matheson

ORCHESTRA

Fantasia of Plantation Songs . . . . . arr. Chudson

YVETTE

and a Few Songs

ORCHESTRA

War March of the Priests (Athalie) Mendelssohn

# PROGRAMMES FOR MONDAY (February 28)

## 5NG NOTTINGHAM. 275.2 M.

- 3.20 BROADCAST TO SCHOOLS: Mr. A. H. WHITTLE. - 'Nature Talk'
- 3.45 THE MIKADO CAFÉ ORCHESTRA, conducted by FREDERICK BOTTONLEY
- 4.45 MUSIC AND AFTERNOON TOPICS: ANNE SANDERSON (Contralto). Mrs. W. WOODWARD: 'The Origin and Development of Outdoor Games'
- 5.15 THE CHILDREN'S HOUR
- 6.15 MABEL HODGKINSON (Pianoforte)
- 6.25-11.15 S.B. from London (9.10 Local News)

## 5PY PLYMOUTH. 400 M.

- 11.0-12.0 GEORGE EAST and his QUARTET relayed from Popham's Restaurant
- 3.30 ORCHESTRA relayed from Popham's Restaurant
- 4.0 Afternoon Topics
- 4.15 TEA-TIME MUSIC: THE ROYAL HOTEL TRIO, directed by ALBERT FULLBROOK
- 5.15 THE CHILDREN'S HOUR
- 6.0 GERALD KAYE (Tenor) in a Song Recital  
Life is a Caravan *Teresa del Riego*  
The Bubble Song (from 'The Cockyolly Bird') *Martin Shaw*  
Sometimes at Dawn *Haydn Wood*  
The Guest *Montague Phillips*  
Larry O'Toole *George Ridgwell*  
Widow Machree *Samuel Lover*  
Molly Brannigan *Trad., arr. C. F. Stanford*
- 6.25-11.15 S.B. from London (9.10 Local News)

## 6FL SHEFFIELD. 272.7 M.

- 11.30-12.30 Gramophone Records (Vocal and Instrumental)
- 4.0 Afternoon Topics
- 4.15 ORCHESTRA relayed from the Grand Hotel
- 5.15 THE CHILDREN'S HOUR
- 6.5 PETRONIUS: 'The Harvest of a Quiet Eye'
- 6.25 S.B. from London
- 7.45 S.B. from Glasgow
- 8.15 ST. DAVID'S EVE  
SPEECHES ON THE OCCASION OF THE ANNUAL DINNER OF THE SHEFFIELD AND DISTRICT CAMBRIAN SOCIETY  
Relayed from the Grand Hotel, Sheffield  
Toast: 'The Principality,' proposed by Mr. ARTHUR NEAL  
Response by the Rt. Hon. J. H. THOMAS, M.P.
- 9.0 S.B. from London (9.10 Local News)
- 9.30 CONCERT BY WELSH SINGERS arranged by the SHEFFIELD AND DISTRICT CAMBRIAN SOCIETY  
Relayed from the Grand Hotel.  
Penillion Singing by Mr. E. W. JONES  
MARION BROWNE  
Song, 'Vissi d'Arte' ('La Tosca') ... Puccini  
IVOR WALTERS  
Song, 'Eleanore' ... Coleridge-Taylor  
MURIEL HUGHES  
Songs—  
'Suo Gan' ... arr. Robert Bryan  
'Efo Deio i Dywyn' ... arr. W. H. Davies
- 10.0-11.15 S.B. from London

## EST STOKE. 294 M.

- 3.0 London Programme relayed from Daventry
- 5.15 THE CHILDREN'S HOUR
- 6.0 Light Music
- 6.25-11.15 S.B. from London (9.10 Local News)

## Northern Programmes.

### 5NO NEWCASTLE. 512.5 M.

- 2.55 London Programme relayed from Daventry
- 5.15 THE CHILDREN'S HOUR
- 6.0 URIEL REES (Tenor)
- 6.25 S.B. from London (9.10 Local News)
- 9.45-11.0 S.B. from Cardiff

### 5SC GLASGOW. 405.4 M.

- 3.0—Dance Music relayed from the Piccadilly Dance Club
- 4.0—Santley's Favourite Songs, Wireless Quartet, Charles True (Baritone), 5.0—Afternoon Topics, 5.15—Children's Hour, 5.58—Weather Forecast for Farmers, 6.0—Musical Interlude, 6.30—S.B. from London, 7.45—Station Orchestra, conducted by Herbert A. Carruthers, Brandenburg Concerto, No. 1, in F. Major (Bach), Spence Malcolm (Violin) and Orchestra, Concerto in A Major for Violin and Orchestra (K.219) (Mozart), Orchestra, Variations on a Theme by Tchaikovsky (Arensky), Spence Malcolm; Poupé Valsante (Dancing Doll) (Poldini-Kreisler); Nocturne (Chopin-Williams); Ballet Music from 'Rosamunde' (Schubert-Kreisler), Orchestra; Dance Suite (Dunhill), 9.0—News, 9.15—S.B. from London, 9.45-11.0: Scenes from 'King James I.' (Robert Bala), With incidental Music by Seymour Halley, William J. Res, The Station Players, The Station Orchestra, King James (William J. Res).

### 2BD ABERDEEN. 500 M.

- 11.0-12.0—Gramophone Records, 3.45—Dance Music played by John B. Swinden and his New Toronto Band, relayed from the New Palais de Danse, 4.15—Afternoon Topics: Mrs. Lindsay Shepherd, 'How Attractive She Is,' 4.30—Dance Music relayed from the New Palais de Danse, 5.15—Children's Hour, 6.0—Music by The Station Octet, 6.25—S.B. from London, 9.45—'Bho Thir Nam Beantann' (From the Lays of the Middy Isles), The Station Octet; A Highland Scene (Moore), 10.0—Hugh McKay (Tenor): Morar Reaper's Song; Birds at the Fairy Pulling; Iona Boat Song; The Crane's Coo; and Sailing Shoreless Seas (arr. Kennedy-Fraser), 10.13—Love and the Wash tub, A One Act Comedy by Iain Cameron, (Including Gaelic Songs from the Collection, 'Corrie Voices' by the same Author.) Characters: Mary (Mrs. Campbell, a Crofter's Wife), May Smylie; Janet (Mrs. McLean, a Crofter's Wife), Addie Ross; Sheila (Mrs. Campbell's Daughter), Jean Mackie; Duncan Cameron (A Neighbouring Farmer), Hugh McKay, 10.35—May L. Smylie (Mezzo-soprano): An Island Shelling Song; An Eskay Love Lull; A Mhairi Bhan; Mull Fisher's Love Song; and Land of Heart's Desire; arr. M. Kennedy-Fraser, 10.45-11.0—Octet: songs of the Hebrides (Kennedy-Fraser).

### 2BE BELFAST. 306.1 M.

- 3.0—Broadcast to Schools: Prof. James Small, D.Sc. (Professor of Botany, Queen's University, Belfast), 'What Botany Really Means', 4.0—Beethoven, The Station Orchestra, Eva McComb (Soprano), 5.0—Afternoon Topics; Alexander Riddell, 'Editing and Printing a Newspaper' (I), 5.15—Children's Hour, 6.0—London Programme relayed from Daventry, 6.25—S.B. from London, 7.45—Reginald Dobson (Violoncello), The Station Orchestra, 7.55—Recital of Old Irish Songs by Hugh Davey (Tenor) and Carl Hardebeck (Pianoforte), 8.7—Reginald Dobson (Violoncello): Old Irish Airs for Violoncello and Piano (arr. Cedric Sharpe), 8.17—James Stewart (Vocal Speaker): To-morrow (An Irish Tale by Alfred Lord Tennyson), The Old Bog Hole and Willie Reilly's Courtship (Ulster Songs and Ballads, collected by H. Richard Hayward), 8.32—Hugh Davey and Carl Hardebeck: Kitty Bawn; The Banks of the Daisies; and Molly Brannigan (arr. C. F. Stanford), Kitty O'Toole (Daniel Protheroe), Molly Bawn (Samuel Lover), 8.45—An Irish Legend, for Cor Anglais, Harp and Strings (A. Bax), 8.55—Orchestra: The Irish Patrol (Puerner), 9.0—News, 9.15—S.B. from London, 9.45-11.0—S.B. from Glasgow.

## WHAT DO YOU KNOW ABOUT BUSINESS?

To the thoughtless, the easy-going, or the very young man this question may, at first glance, seem an insult.

Such a one would answer in an off-handed sort of way: "Why, I am in Business. I am a Business man. I know all about Business, or I ought to."

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# PROGRAMMES FOR TUESDAY (March 1)

**2LO LONDON. 361.4 M.**

(1.0 Time Signal, Big Ben)

1.0-2.0 THE VICTOR OLOF SEXTET and LILLIAN COOPER (Soprano)

2.55 Reading: 'The Bible in Spain,' by George Borrow

3.0 BROADCAST TO SCHOOLS: Sir H. WALFORD DAVIES, 'Elementary Music'

3.45 Programme of Welsh Music by THE ROMILLY CHOIR (Romilly School, Barry, Glamorgan)

The Gentle Bird  
Robin Goeh  
Hob y deri dando  
All Through the Night  
Hwb ir Galon  
Harlech  
Hen Wlad fy Nhadan



WILLEM PIJPER

appears both as composer and as pianist in the International Chamber Concert of Dutch music to-night. [Davenport, 9.35.]

4.0 Time Signal, Greenwich. WILLIAM HODGSON'S MARBLE ARCH PAVILION ORCHESTRA, from The Marble Arch Pavilion

5.0 Mr. H. T. BUSH, 'Shrove Tuesday'

SHROVE TUESDAY has now to such an extent survived Ash Wednesday—for which it was originally merely a preparation—that its observances must seem to many people meaningless. In the times, however, when Ash Wednesday opened forty days of real fasting for the bulk of the community, there was every incentive to make the day before it a festival, and it is of the curious customs that sprang up, in connection with this festival, in different parts of England, that Mr. Bush will talk to-day.

5.15 THE CHILDREN'S HOUR: Selections by the Band of the St. Mary, Islington, Guardians' School. 'On the Hold-up,' by E. La Breton Martin. Selected Verses (Lewis Carroll)

6.0 THE LONDON RADIO DANCE BAND, directed by SIDNEY FIRMAN

6.30 TIME SIGNAL, GREENWICH; WEATHER FORECAST, FIRST GENERAL NEWS BULLETIN

6.45 THE LONDON RADIO DANCE BAND, directed by SIDNEY FIRMAN

7.0 A. BONNET LAIRD on 'March'

7.15 THE FOUNDATIONS OF MUSIC  
The Piano Sonatas of Mozart

7.25 Mr. EDWARD CRESSY: 'The Growth of Industry—(1) The Textile Industry.' S.B. from Manchester

THIS talk opens a new series by Mr. Edward Cressy (who is already well known in London and the North of England) on the growth of industry—a subject a little knowledge of which makes it much easier to understand our complex industrial organization of the present day. In this first talk he will deal with textile manufacture, which more than any other was revolutionized by the change from domestic production to large-scale factory organization reinforced by mechanical invention—which of us does not remember reading of Hargreaves's Jenny and Crompton's Mule?—and the coming of steam.

(Picture on page 428)

7.45 ST. DAVID'S DAY PROGRAMME

(See Special Programme, Page 425)

9.0 TIME SIGNAL, GREENWICH; WEATHER FORECAST, SECOND GENERAL NEWS BULLETIN. Local Announcements

9.15 Sir H. WALFORD DAVIES: VII 'The Mind of Beethoven'

9.35 THE ROOSTERS

10.45-12.0 DANCE MUSIC. JACK HOWARD and his BAND from The Royal Opera House, Covent Garden

**5XX DAVENTRY. 1,600 M.**

10.30 a.m. Time Signal, Greenwich; WEATHER FORECAST

11.0 Time Signal, Big Ben. THE DAVENTRY QUARTET and MARGARET MINOR (Contralto); JOHN PATTERSON (Tenor); BELLE DAVIDSON (Violin); MURRO and MILLS (Syncopated Duets on the Piano)

1.0-2.0 S.B. from London. (1.0 Time Signal)

2.55 S.B. from London

7.25 S.B. from Manchester

7.45 S.B. from London

8.10 Shipping Forecast

9.15 S.B. from London

9.35 THE B.B.C. SERIES OF  
INTERNATIONAL CHAMBER CONCERTS

Relayed from the Grotrian Hall, London

Sixth Concert

HOLLAND

WILLEM PIJPER (Pianoforte); HENRIK RIJNBERGER (Violin); MARIX LOEVENSORN (Violoncello)

WILLEM PIJPER

Solos by Pijper, Zagwijn and Ketting

9.40 WILLEM PIJPER, HENRIK RIJNBERGER and MARIX LOEVENSORN

Trio for Piano, Violin and Violoncello (1918)

Alex Voormolen

VOORMOLEN (born in 1895) is one of the young Dutch Composers of to-day who have written a good deal of interesting music. He was trained partly in Holland and partly in France, working under Ravel, Roussel and Rhené-Baton.

His works include a 'Symphonietta,' a 'Melodrama' for Voice and Pianoforte, and Chamber Music for Strings and Pianoforte.

The Trio we are to hear (it was written when he was twenty-three) has three Movements. In the FIRST a slow prelude leads to an animated Movement. The SECOND is called PAVANE, after the Italian dance that was for long the chief slow dance in the old Suites. The LAST MOVEMENT is naturally in more vigorous mood.

HENRI ZAGWIJN (born 1878) is a notable Dutch Composer of to-day. His considerable output (it includes Choral works, Overtures, Chamber Music, and works for a Reciter with Orchestra) is built upon foundations of knowledge that is very largely self-obtained, for he had little outside training. He teaches Composition at the School of Music in Rotterdam, and has written a brochure on *Modern Movements in Music*.

WILLEM PIJPER, one of the youngest Composers of note in Holland, is only thirty-three, but he has already had a good deal



HENRIK RIJNBERGER,

the eminent Dutch violinist, who plays in the sixth of the B.B.C.'s International Chamber Concerts. [Davenport, 9.35.]

of experience, having spent several years as a Music Critic, as a teacher of Harmony at the Amsterdam Music School, and as Conductor. His experience in this last capacity includes the rather unusual post of directing the Utrecht Sextet of Wind Instrument Players.

His first Symphony, entitled *Pan*, appeared in 1917, and since then he has written busily, bringing out music for Pianoforte and Orchestra, for various Chamber combinations, and for voices. He has within recent years written music for the stage production of the *Antigone* of Sophocles, a second Symphony, a Wind and Pianoforte Sextet, and other works. At the four days' Festival of the Nederlandsche Toonkunstenaars Vereeniging in 1925 his music was among the most striking of all that came from the twenty-four Composers represented.

(10.0 Time Signal)

10.5 CHAMBER MUSIC

THE CHARLES WOODHOUSE QUARTET

CHARLES WOODHOUSE;

WALTER PRICE;

ERNEST YONGE;

CHARLES CRABBE

Quartet in B Flat (K 458) ..... Mozart

10.30-12.0 S.B. from London

(Continued on page 426.)



# ST. DAVID'S DAY PROGRAMMES



Sir WALFORD DAVIES,  
who is to speak during the London Programme.



From the mosaic by Sir E. J. Poynter, P.R.A.,  
in the Central Hall of the Houses of Parliament.



Mr. STANLEY BALDWIN  
is to speak at the Cardiff Cymrodorion Society's Dinner.

## 7.45 LONDON PROGRAMME

DILYS JONES (Contralto)  
David of the White Rock } *Traditional*  
Lullaby ..... } *arr.*  
The Dove ..... } *Arthur Somervell*  
J. E. JONES (Tenor), NANSI RICHARDS (Harp)  
Penillion Singing:  
Englytton ..... *Traditional*  
Cloch y Llan ..... *Creys*  
THE CHARLES WOODHOUSE QUARTET  
(Charles Woodhouse, Walter Price, Ernest  
Yonge, Charles Crabbe)  
Fantasy Quartet on Welsh Tunes  
*Hubert Davies*  
DAVID WALTERS (Bass)  
The Questers ..... *Leigh Henry*  
A Ballad of Glyndwr's Rising *E. T. Davies*

## 8.15 'BIRDS OF A FEATHER'

A Welsh Wayside Comedy in One Act  
by JOHN OSWALD FRANCIS  
*Characters:*  
Twm Tinker ..... RHYS ARTHUR  
Dicky Bach Dwl ..... L. W. MILLS  
Jenkins, the Keeper ..... LUTHER EVANS  
The Bishop of Mid Wales ... J. S. DAVIES  
SCENE—A country road at night  
TWM TINKER and DICKY BACH DWL  
are finishing their supper

## 8.40 app. DILYS JONES

Two Songs ..... *Vaughan Thomas*  
NANSI RICHARDS  
Group of Welsh Airs  
(Cader Idris, Merch Megan, Per Alan,  
Serch Hudol, Wynes Megan)  
DAVID WALTERS  
Y Mynach Du  
Rhyvelgyrch Cadben Morgan

## 9.15 CARDIFF PROGRAMME

BROADCAST OF THE SPEECHES  
AT THE NATIONAL DINNER OF THE  
CARDIFF CYMRODORION SOCIETY  
IN HONOUR OF ST. DAVID  
Relayed from THE CITY HALL, CARDIFF

### THE TOASTS:

'DEWI SANT' (Saint David)  
Proposed by Mr. IFANO JONES  
'EIN GWESTAI' (Our Guest)  
Proposed by  
The President, Mr. GWILYM HUGHES  
Responded to  
By the PRIME MINISTER,  
The Right Hon. STANLEY BALDWIN, M.P.  
WALES—TO-DAY AND TO-MORROW

### Proposed by

Professor ERNEST HUGHES,  
University College, Swansea

### Responded to by

Mr. DAVID DAVIES, M.P.

Music by the HERBERT WARE ORCHESTRA

### Artists:

THE CHOIR OF THE COWBRIDGE HIGH  
SCHOOL FOR GIRLS  
EDWARD DAVIES (Tenor)  
GLADYS WILLIAMS (Soprano)  
MAUD MORGAN (Contralto)

Special Programmes in honour of St. David  
are also being broadcast this evening  
from

BIRMINGHAM  
and  
BOURNEMOUTH

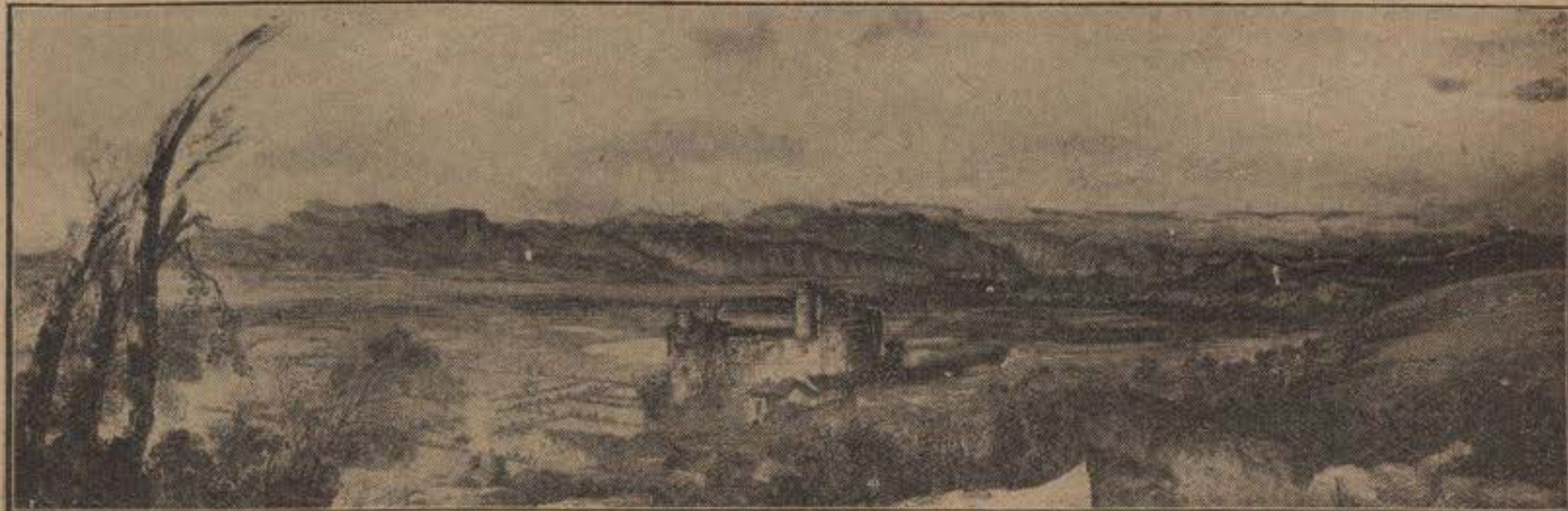
## ST. DAVID FOR WALES.

TO examine the life story of David, the Patron Saint of Wales, is very like lifting a dark curtain to peer into the gloom; because those early centuries are very obscure, full of a strange mixture of myth and tradition. Yet somehow out of it all there rises the figure of a strong man ruling his monastery and drawing the wild tribesmen to God by the power of his fiery eloquence.

His life story may be said to begin with the love story of Sant, the Brython, and Non, a woman of the Goidelic tribes; because the child Dewi, or David, was the result of their irregular union.

The expectant mother was driven out by her own kindred, and so her child was born in the wilds. Whilst he was still young, he was sent to the monastery of Hen Llwyn to be taught by Paulinus, the Abbot. This early settlement was probably a collection of huts in a thorny brake, but afterwards a fine stone building rose on the

(Continued in col. 3, page 444.)



This view of Harlech Castle—for ever associated with that rousing song, 'Men of Harlech'—is from the painting by Ward, now in the National Gallery in London.

# PROGRAMMES FOR TUESDAY (March 1)

(Continued from page 424.)

## 5IT BIRMINGHAM. 326.1 M.

- 3.45 BROADCAST TO SCHOOLS: Mr. H. G. SEAR, 'The Man Behind the Music—Plain Speaking Handel'
- 4.15 LOZELLS PICTURE HOUSE ORCHESTRA, conducted by PAUL RIMMER
- 4.45 AFTERNOON TOPICS: Mr. JONATHAN ELLIS, 'The Making of an Aquarium.' NORAH SHELDON (Soprano)
- 5.15 THE CHILDREN'S HOUR
- 6.0 HAROLD TURLEY'S ORCHESTRA relayed from Prince's Café
- 6.30 S.B. from London
- 7.0 Miss H. M. ENOCH: 'Aspects of Fiction—The Seventeenth Century'
- 7.15 S.B. from London
- 7.25 Mr. EDWARD CRESSY: 'The Growth of Industry—I. The Textile Industry.' S.B. from Manchester

### 7.45 ST. DAVID'S DAY

A Special Welsh Programme arranged in Honour of St. David

THE STATION ORCHESTRA and CHORUS  
Land of My Fathers..... James, arr. Evans  
ORCHESTRA

A Welsh Prelude..... R. Maldwyn Price  
(First Time of Performance, Conducted by THE COMPOSER)

TOM PICKERING (Tenor)

Y Bugail..... Wilfred Jones

Bywyd y Bugail..... E. T. Davies

I Wisgor Aur Goron..... arr. Clements

W. S. GWYNN WILLIAMS (Pianoforte)

Two Little Welsh Dances } W. S. Gwynn Williams

Welsh Playbook ..... }

Three Welsh Airs } arr. Haydn, Edited by Gwynn Williams

ORCHESTRA

Bijou Suite..... R. Maldwyn Price

(Conducted by THE COMPOSER)

TOM PICKERING

Y Gwlith } Vaughan Thomas

Miwsg ..... }

Ellen ..... }

W. S. GWYNN WILLIAMS

Three Cymric Canoes } W. S. Gwynn Williams

Two Welsh Miniatures } }

Welsh Shepherd's Dance } }

CHORUS and ORCHESTRA

Rhapsody on Welsh Airs..... arr. Fletcher

9.0 S.B. from London (9.10 Local News)

### 9.35 A LIGHT PROGRAMME

THE STATION ORCHESTRA

Overture, 'Poet and Peasant'..... Suppé

HERBERT ALDRIDGE (Entertainer)

A Case in Point..... Bentley

In the Days of Good King Arthur..... Wilcock

ORCHESTRA

Selection from 'Florodora'..... Stuart

TOM PICKERING

An Eriskay Love Lilt..... arr. Kennedy-Fraser

My Lute..... Liddle

HERBERT ALDRIDGE

Foods of All Nations..... Weston and Lee

ORCHESTRA

Galopade, 'Café Chantant'..... Fletcher

Pageant March..... Finch

10.45-12.0 S.B. from London

## 6BM BOURNEMOUTH. 491.8 M.

11.30-12.0 ORGAN RECITAL relayed from the Royal Arcade, Boscombe

Organist—ARTHUR MARSTON

March in F..... Stuart Archer

Variations on a Theme of Mozart..... Meale

Sonata, No. 2..... Mendelssohn

Chorus Magnus..... Capocci

3.0-3.45 London Programme relayed from Daventry

4.0 TEA-TIME MUSIC relayed from Beale's Restaurant, Old Christchurch Road, directed by GILBERT STACEY

5.0 London Programme relayed from Daventry

5.15 THE CHILDREN'S HOUR

6.0 Musical Interlude

6.5 For Farmers: Mr. J. S. KING, 'Farm Costings'

6.30 S.B. from London

7.0 Col. GUY LIDDELL: 'The Land of the Golden Fleece—A Journey Through Georgia'

7.15 S.B. from London

7.25 Mr. EDWARD CRESSY: 'The Growth of Industry—I. The Textile Industry.' S.B. from Manchester

### 7.45 A VARIETY PROGRAMME

THE STATION OCTET

Suite, 'Americana'..... Thurban

8.0 TOMMY HANDLEY and FLORENCE OLDHAM

the Radio Revue Favourites  
in Selections from Their Repertoire

8.8 OCTET  
Entr'acte, 'Siamese Patrol'..... Lincke  
Galop, 'Clear the Road'..... Le Thièr

8.18 TOMMY HANDLEY and FLORENCE OLDHAM  
in Some More Selections from Their Repertoire

8.26 OCTET  
Selection from 'Rose Marie'..... Friant

### 8.30 CHAMBER MUSIC

THE PREMIER WOODWIND QUINTET, directed by F. W. EGERTON

J. GENNIN (Flute); F. W. EGERTON (Oboe);  
W. T. O'BRIAN (Clarinet); L. CHAPMAN (Bassoon); W. E. GILL (Horn)

Quintet, Op. 124..... Briccialdi  
Allegro Marziale; Andante; Allegro

9.0 S.B. from London (9.10 Local News)

### 9.35 ST. DAVID'S DAY

THE STATION OCTET

Fantasia, 'The Leek'..... Myddleton

9.50 THE BOURNEMOUTH WELSH MALE VOICE PARTY, conducted by DAVID P. DAVIES  
Hen Wlad fy Nhadian (in Welsh) James, arr. Dick  
Crossing the Plain..... Dr. Maldwyn Price

10.0 MARY LEWIS (Harp)  
The Ash Grove (Llwyn On)..... J. Thomas

10.5 OCTET  
Welsh Fantasy for Strings..... C. Jenkins

10.15 MALE VOICE PARTY  
Y Delyn Aur (in Welsh)..... D. Pughe-Evans  
The Sailors' Chorus } Parry  
Aberystwyth ..... }

10.25 MARY LEWIS  
All Through the Night (Ar Hyd Y Nos)..... J. Thomas

10.35 OCTET  
Solemn Melody..... Walford Davies

10.42 Glee, 'Men of Harlech'

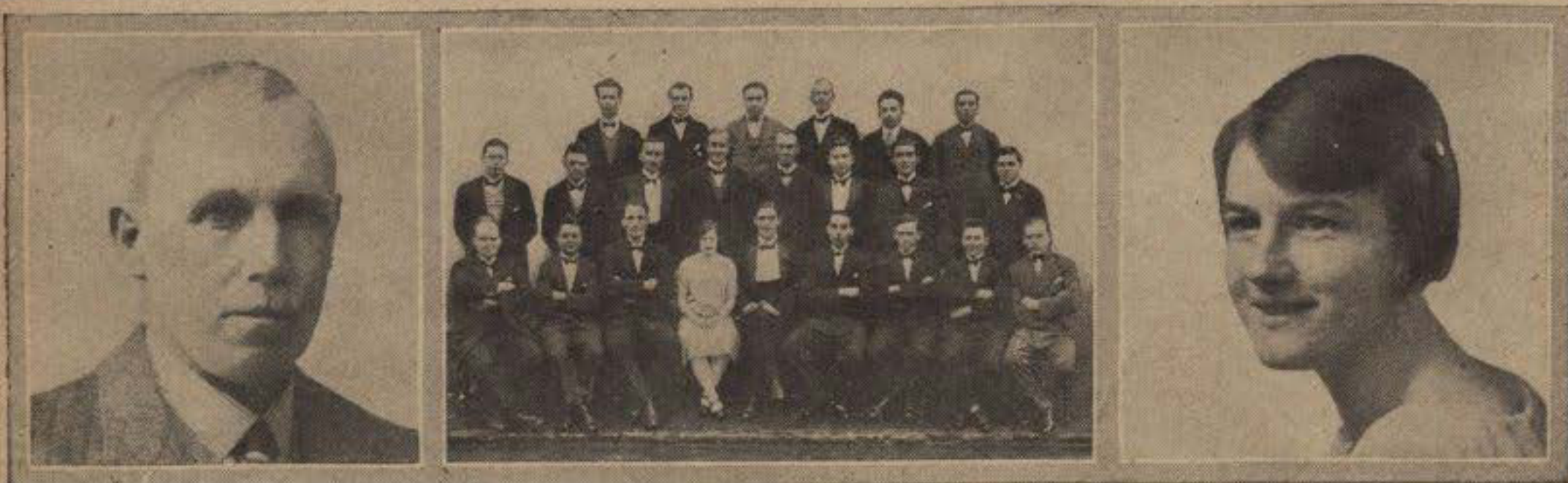
10.45-12.0 S.B. from London

## 5WA CARDIFF. 353 M.

3.0 London Programme relayed from Daventry

3.45 THE STATION TRIO

4.30 TEA-TIME MUSIC from the Carlton Restaurant



SOME OF THE ARTISTS WHOM BOURNEMOUTH LISTENERS WILL HEAR TO-NIGHT!

On the left is Colonel Guy Liddell, who talks at 7.0 on Georgia, the Land of the Golden Fleece; on the right, Miss Mary Lewis, the harpist; and in the centre, the Bournemouth Welsh Male Voice Party, who take part in the St. David's Day Programme to-night.

# PROGRAMMES FOR TUESDAY (March 1)

- 4.45 Miss GRACE ROBERTS, 'A Message to Women in Wales'
- 5.0 TEA-TIME MUSIC from the Carlton Restaurant
- 5.15 THE CHILDREN'S HOUR: Cofio Dewi (In Memory of St. David)
- 6.0 Mr. T. J. LEWIS, 'The Wonder of Photography—Printing'
- 6.10 BEETHOVEN'S SONATAS  
Violin: LEONARD BUSFIELD  
Pianoforte: VERA MCCOMB THOMAS  
The Eighth Sonata
- THIS Sonata, the last of the three that make up Beethoven's Op. 30, contains a large proportion of captivatingly merry music. The very first notes of the FIRST MOVEMENT are infectiously gay, and the alternations of the bustling, running, twelve-notes-to-a-bar motif, and the dancing six-notes-to-a-bar motif, are piquantly kept up. A rather long, demurely attractive Minuet, in Haydnish style, follows as SECOND MOVEMENT. The FINALE dances along, feet-footed, innocently joyous, full of the delight of graceful motion.
- 6.30 S.B. from London
- 7.0 Mr. RICHARD HELLYAR, 'Laughter and Sympathy'
- 7.15 S.B. from London
- 7.25 Mr. EDWARD CRESSY, 'The Growth of Industry—I, The Textile Industry.' S.B. from Manchester
- 7.45 VARIETY  
JACK BARKER (Steel Guitar)  
Waltz, 'Momi' ..... Cramer  
She sang 'Aloha' to Me ..... Carey, arr. Awai  
Haloa March ..... Barker  
R. J. HUGHES  
Xylophone Solos
- 8.0 TAUNTON MADRIGAL SOCIETY  
Concert relayed from the County Theatre, Taunton  
Soloist: JOHN GOSS  
Conductor: REGINALD WARD, F.R.C.O.
- MADRIGAL SOCIETY  
Part Song, 'Sir Eglamore' Balfour Gardiner  
Three Madrigals:  
Strike it Up, Tabor ..... Weelkes  
While That the Sun ..... Byrd  
Ha, Ha, This World Doth Pass ..... Weelkes  
Part Song, 'It Was a Lover and His Lass' Dunhill
- JOHN GOSS (Baritone)  
Parte II Fie ..... Old Italian  
Song of Momus to Mars ..... Dr. Boyce  
She Never Told Her Love ..... Haydn  
I'm a Brick of a Sprightly Lad .... arr. Hullah
- MADRIGAL SOCIETY  
Part Songs ..... Elgar  
JOHN GOSS  
Loch Lomond (Scottish) arr. Vaughan Williams  
Early One Morning (English) .... arr. Dunhill  
Ward the Pirate (Folk Song) arr. Vaughan Williams
- 9.0 WEATHER FORECAST, NEWS; Local News
- 9.15 THE WELSH NATIONAL DINNER  
Of THE CARDIFF CYMRODORION SOCIETY  
IN HONOUR OF ST. DAVID  
Relayed from the City Hall  
(See Special Programme on page 425.)
- 10.45-12.0 S.B. from London

2ZY MANCHESTER. 384.6 M.  
1.15-2.0 PIANOFORTE TRIO from the Piccadilly Picture Theatre

- 2.55 London Programme relayed from Daventry
- 3.45 AFTERNOON MUSIC by THE STATION QUARTET
- 4.15 BROADCAST TO SECONDARY SCHOOLS: Prof. F. E. WEISS, F.R.S., 'The Romance of Plant Life—VII, Horsetails and Clubmosses'
- 4.35 TEA-TIME MUSIC by THE STATION QUARTET. MARIE POWNALL (Soprano)
- 5.15 THE CHILDREN'S HOUR
- 6.0 THE MAJESTIC 'CELEBRITY' ORCHESTRA from the Hotel Majestic, St. Anne's-on-the-Sea. Musical Director: Gerald W. Bright
- 6.30 S.B. from London
- 6.45 THE MAJESTIC 'CELEBRITY' ORCHESTRA (Continued)
- 7.0 Mr. T. A. COWARD, 'The Migration of Birds—Theory and Fact'
- 7.15 S.B. from London
- 7.25 Mr. EDWARD CRESSY: 'The Growth of the Textile Industry' (Picture on page 428.)
- 7.45 'IF WINTER COMES, CAN SPRING BE FAR BEHIND?'
- THE AUGMENTED STATION ORCHESTRA  
Overture to Act II of 'The Tempest' ... Sullivan  
Winter from 'The Seasons' ..... German  
FRED SUTCLIFFE (Baritone)  
Winter Wakeneth All My Care ..... Sharpe  
Blow, Blow, Thou Winter Wind ..... Quilter  
The Blustering Winds Loud Raging (Otho) Handel  
A Song of the North Wind ..... Harold Head
- ORCHESTRA  
Winter (The Seasons) ..... Glazounov  
FRED SUTCLIFFE  
Faith in Spring .....  
Recit., 'At Last the Bounteous Sun' (The Seasons)  
Air, 'With Joy the Impatient Husbandman' ..... Haydn  
To Daffodils (Love's Litanies) ..... Grieg
- ORCHESTRA  
Waltz, 'Beautiful Spring' ..... Lincke  
Spring (The Seasons) ..... German
- 9.0 WEATHER FORECAST, NEWS; Local News
- 9.15 S.B. from Cardiff
- 10.45-12.0 S.B. from London

6KH HULL. 294 M.  
4.0 AFTERNOON TOPICS: Mrs. J. REDWOOD ANDERSON, 'English and French Schools'

4.15 FIELD'S QUARTET, relayed from the New Restaurant, King Edward Street

5.15 THE CHILDREN'S HOUR: Radiosities Competition

6.0 London Programme relayed from Daventry

6.30 S.B. from London

7.25 S.B. from Manchester

7.45 A LIGHT PROGRAMME  
THE GOOLE INSTRUMENTAL TRIO:  
HERBERT D. MOORE (Violin)  
ROY H. HERON (Cello)  
FARNILL CLAYTON (Piano)  
Walzer Scherzo, Op. 43 ..... Oscar Straus (From Suite)  
Impressions du Soir Henri Stiehl, arr. J. W. Slater  
(Continued on page 428.)

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To increase Vitality  
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# PROGRAMMES FOR TUESDAY (March 1)

7.55 RONALD GOURLEY (Entertainer)  
Music and Humour

8.5 VIOLET ROBERTS (Contralto)  
Welsh Traditional Songs  
All Through the Night ..... *Old Welsh Air*  
Suo-Gan .....  
Y Gwew Fach (Cuckoo) } *arr. Robert Bryan*  
Dear).....

8.15 TRIO  
Prelude ..... *Pachulski, arr. Moffat*  
La Serenata ..... *Braga, arr. Moffat*  
Barcarolle ('Tales of Hoffmann')  
*Offenbach, arr. Max Woltoy*

8.30 RONALD GOURLEY  
More Music and Humour

8.40 VIOLET ROBERTS  
When the Swallows Homeward Fly  
*M. V. White*  
The Fairy Pipers ..... *A. H. Brewer*  
When All Was Young ..... *Gounod*

8.50 TRIO  
Andante ..... *Reissiger*  
Serenata ..... *Toselli*

9.0-12.0 S.B. from London (9.10  
Local News)

2LS LEEDS-BRADFORD. 277.8 M. &  
252.1 M.

4.0 WYNN AND ALLAN'S ALL STAR  
VERSATILES, relayed from Schofield's  
Café, Leeds

5.0 Afternoon Topics

5.15 THE CHILDREN'S HOUR

6.0 London Programme relayed from  
Daventry

6.30 S.B. from London

7.0 The Rev. G. BRAMWELL EVENS:  
'The Lure of the Caravan'

7.15 S.B. from London

7.25 S.B. from Manchester

7.45 S.B. from London (9.10 Local  
News)

9.15 S.B. from Cardiff

10.45-12.0 S.B. from London

6LV LIVERPOOL. 297 M.

4.0 GAILLARD and his ORCHESTRA, from the Scala  
Cinema

5.0 Talk for Women by MURIEL LEVY

5.15 THE CHILDREN'S HOUR

5.50 THE STATION PIANOFORTE QUARTET

6.30 S.B. from London

7.0 Mr. ERNEST EDWARDS ('Bee'), Weekly  
Sports Talk

7.15 S.B. from London

7.25 S.B. from Manchester

7.45-12.0 S.B. from London (9.10 Local News)

5NG NOTTINGHAM. 275.2 M.

11.30-12.30 Morning Concert relayed from  
Daventry

3.45 LYONS' CAFÉ ORCHESTRA, conducted by  
BRASSEY EYTON

4.45 Music and Afternoon Topics

5.15 THE CHILDREN'S HOUR

6.15 MABEL HODGKINSON (Pianoforte)

6.30 S.B. from London

7.0 Mr. F. H. HEALD, 'Our Woodlands'

7.15 S.B. from London

7.25 S.B. from Manchester

7.45 S.B. from London (9.10 Local News)

9.15 S.B. from Cardiff

10.45-12.0 S.B. from London

5PY PLYMOUTH. 400 M.

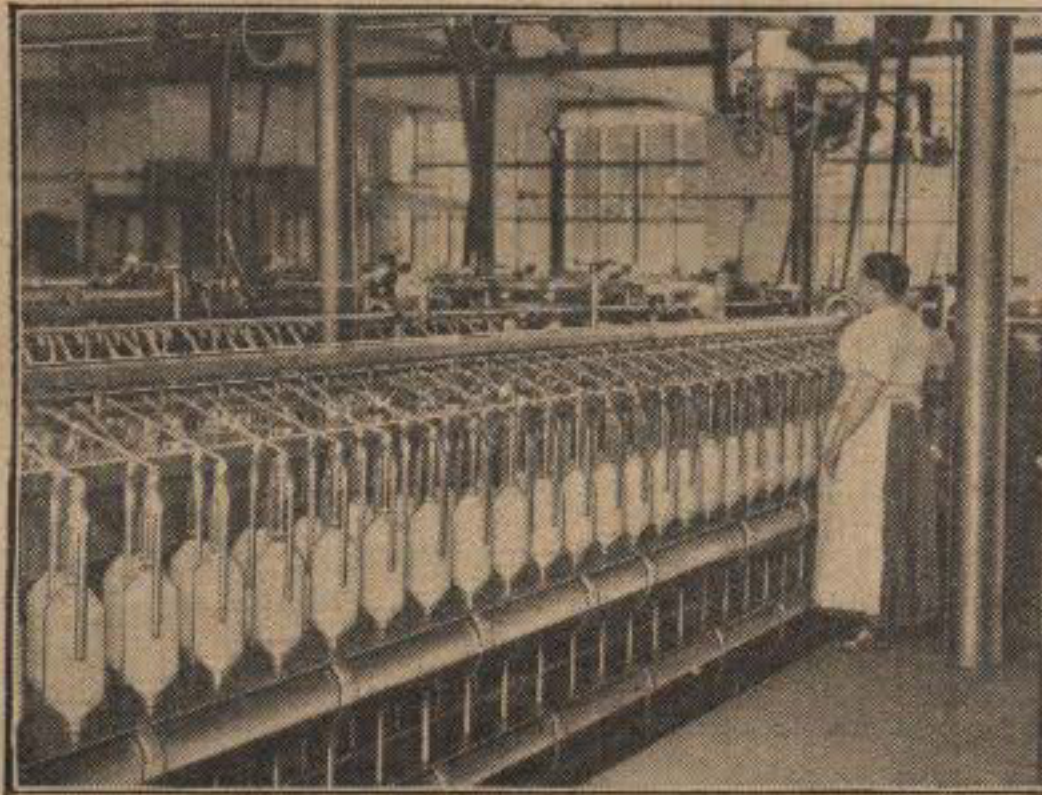
11.0-12.0 GEORGE EAST and his QUARTET, relayed  
from Popham's Restaurant

3.30 ORCHESTRA, relayed from Popham's Res-  
taurant

4.0 AFTERNOON TOPICS: Mr. J. F. WILKINSON,  
'An Instantaneous Calendar for 1927-1928'

4.15 TEA-TIME MUSIC: THE ROYAL HOTEL TRIO,  
directed by ALBERT FULLBROOK

5.15 THE CHILDREN'S HOUR



Figural Press

## IN THE HEART OF A GREAT COTTON-MILL.

No industrial process is carried on in this country on a vaster scale than the manufacture of cotton, and in the big mills of Lancashire there are miles of rooms like the one shown above. Mr. Edward Cressy will tell of the growth of the textile industry in his talk (S.B. from Manchester) at 7.25 to-night.

6.0 HAROLD SCOTT (Pianoforte Recital)

6.30 S.B. from London

7.0 Mr. H. C. L. JOHNS, 'Queer Trades'

7.15 S.B. from London

7.25 S.B. from Manchester

7.45 ROUND THE STATIONS

**D**URING this hour and a quarter excerpts will be given from the programmes of various other stations, thus giving listeners an opportunity of hearing distant broadcasts on crystal sets.

9.0-12.0 S.B. from London (9.10 Local News)

6FL SHEFFIELD. 272.7 M.

4.0 AFTERNOON TOPICS: Miss GERTRUDE JAMES,  
'Women as Public Speakers'

4.15 London Programme relayed from Daventry

5.15 THE CHILDREN'S HOUR: 'A Pancake Picnic'

6.0 Musical Interlude

6.30 S.B. from London

7.0 Mr. J. B. JONES, 'St. David'

7.15 S.B. from London

7.25 S.B. from Manchester

7.45 S.B. from London (9.10 Local News)

9.15 S.B. from Cardiff

10.45-12.0 S.B. from London

6ST STOKE. 294 M.

12.0-1.0 MOSES BARITZ, Gramophone Lectur<sup>o</sup>  
Recital

3.0 London Programme relayed from Daventry

5.0 AFTERNOON TOPICS: FLORENCE M. AUSTIN,  
'Snapshots of Children—II, The Infant'

5.15 THE CHILDREN'S HOUR

6.0 Light Music

6.30 S.B. from London

7.25 S.B. from Manchester

7.45-12.0 S.B. from London (9.10 Local News)

5SX SWANSEA. 294 M.

11.30-12.30 Gramophone Records

2.55 London Programme relayed from  
Daventry

4.0 THE CASTLE CINEMA ORCHESTRA  
and ORGAN MUSIC, relayed from the  
Castle Cinema

4.30 CYMRU FYDD

A PROGRAMME OF WELSH MUSIC  
MATTIE DAVIES (Contralto) and THE  
STATION TRIO; T. D. JONES (Piano);  
MORGAN LLOYD (Violin); GWILYM  
THOMAS (Cello)

5.15 THE CHILDREN'S HOUR

6.0 ORGAN RECITAL, relayed from  
St. Mary's Parish Church  
Organist, A. CYRIL BAYNEAM

6.30 S.B. from London

7.0 ST. DAVID'S DAY

7.15 S.B. from London

7.25 S.B. from Manchester

7.45-12.0 S.B. from London (9.10  
Local News)

## Northern Programmes.

5NO NEWCASTLE. 312.5 M.

11.30:—Rosina Wall (Viola), Christina Bustens (Soprano).  
12.10-12.30:—Gramophone Records. 2.55-3.45:—London  
Programme relayed from Daventry. 4.0:—The Station Octet.  
Ella Thompson (Contralto). 5.0:—London programme relayed  
from Daventry. 5.15:—Children's Hour. 6.0:—Andrew Bevan  
(Viola); John Clinto (Tenor). 6.30:—S.B. from London. 7.25:—  
S.B. from Manchester. 7.45:—S.B. from London. 9.15:—S.B.  
from Cardiff. 10.45-12.0:—S.B. from London.

5SC GLASGOW. 405.4 M.

11.30-12.20:—Gramophone Records. 2.55:—London Pro-  
gramme relayed from Daventry. 3.45:—Dance Music from  
the Plaza. 5.0:—Helen Maclean: 'The Islands of Mull and  
Iona.' 5.15:—Children's Hour. 5.58:—Weather Forecast for  
Farmers. 6.0:—Verse Speaking Recital. 6.30:—S.B. from  
London. 7.0:—Mr. Marshall Heath, 'Big Ben Talks to Scot-  
land.' 7.15:—S.B. from London. 7.25:—S.B. from Edinburgh.  
7.45:—Chamber Concert: G. H. Green (Clarinet); Isaac  
Lewinsky (First Violin); Harry Carpenter (Second Violin);  
A. B. Williams (Viola); J. B. Dickson (Violoncello); John  
Collinson (Tenor). 9.0:—S.B. from London. 9.35:—Chamber  
Concert (Continued). 10.45-12.0:—S.B. from London.

2BD ABERDEEN. 500 M.

3.45:—Afternoon Topics. 4.0:—Station Octet. Jessie  
McLean (Contralto). 5.15:—Children's Hour. 6.0:—S.B. from  
Glasgow. 6.30:—S.B. from London. 7.0:—S.B. from Glasgow.  
7.15:—S.B. from London. 7.25:—S.B. from Edinburgh. 7.45:—  
Chopin. Station Octet. T. E. Wright (Pianoforte); Alex. Madisky  
(Violin). 8.30:—Radio Dances Quartet. Billy Barnes (Ente-  
rtainer at the Piano). 9.0:—News. 9.15-12.0:—S.B. from London.

2BE BELFAST. 306.1 M.

11.0-1.0:—Concert, relayed from Daventry. 2.55-3.45:—  
London Programme relayed from Daventry. 4.0:—Station  
Orchestra. Christine Mellon (Pianoforte). 4.42:—Station  
Dance Band. 5.0:—Mr. James Logan, 'School Humour' (3).  
5.15:—Children's Hour. 6.0:—London Programme relayed from  
Daventry. 6.30:—S.B. from London. 7.0:—Topical Talk.  
7.15:—S.B. from London. 7.25:—S.B. from Manchester. 7.45:—  
Popular French Music: D. L. Savory: A Short Introductory Talk  
in French. Station Orchestra. Helen Henschel (Soprano). 9.0:—  
News. 9.15:—S.B. from Cardiff. 10.45:—Elspeth Douglas-Reid  
in Original Character Sketches. 11.5-12.0:—S.B. from London.

# PROGRAMMES FOR WEDNESDAY (March 2)

**2LO LONDON. 361.4 M.**

(1.0 Time Signal, Big Ben)

1.0-2.0 CAMILLE COUTURIER'S ORCHESTRA from Restaurant Frascati

2.55 Reading, 'Pickwick Papers' by Charles Dickens

3.0 Mr. A. LLOYD JAMES, 'Our Native Tongue'

3.20 Mr. J. C. STOBART and Miss MARY SOMERVILLE, 'Some Books Worth Reading'—'Huckleberry Finn,' by Mark Twain

MARK TWAIN was peculiarly gifted with that light-hearted style of writing and that taste for bloodless adventure that make the ideal writer of stories for boys. Huckleberry Finn is a most attractive character, a sort of juvenile hobo, whose exploits are the envy even of Tom Sawyer, himself the idol of so many generations of boys.

3.45 Mrs. K. WAUCHOPE MACIVER, 'Citizenship in Practice'—(1) What is Economics?

THIS is the first talk in the second series arranged in consultation with the National Federation of Women's Institutes—the first was Miss Rhoda Power's, on 'Village Life in Olden Times,' which finished last week. Mrs. Wauchope Maciver begins her series on 'Citizenship in Practice,' by a discussion of 'What is Economics?' Nowadays it is realized that Economics is more than 'the dull science'; not merely a matter of import and export statistics and theories of rent, but the subject that directly concerns the price that every housewife has to pay for her fuel and food, and, in fact, every other item in the household budget. This is the aspect of it that Mrs. Wauchope Maciver will stress, and her talk should, therefore, be of special interest to women everywhere.

4.0 Time Signal, Greenwich. THE DAVENTRY QUARTET and Mrs. EDITH JERVIS (Violin), DOROTHY FERREY (Mezzo-Soprano)

5.15 THE CHILDREN'S HOUR: Violin Solos by Peggy Cochrane; Ronald Gouley at the Piano; 'The Old-Gold Common' (A Birds' Nesting Expedition done in Dialogue Form by Reginald Gaze)

6.0 ORGAN RECITAL by REGINALD FOOTE, relayed from the New Gallery Kinema

6.20 The Week's Work in the Garden, by the Royal Horticultural Society

6.30 TIME SIGNAL, GREENWICH; WEATHER FORECAST, FIRST GENERAL NEWS BULLETIN

6.45 ORGAN RECITAL by REGINALD FOOTE (Continued)

7.0 Ministry of Health Talk: Dr. S. W. WHEATON, 'Housing and Health'

7.15 THE FOUNDATIONS OF MUSIC  
The Piano Sonatas of Mozart

7.25 Principal C. GRANT ROBERTSON, 'Empire Builders—(I) Raleigh.' S.B. from Birmingham

IN this interesting series of talks Mr. Grant Robertson (who is Principal of Birmingham University, and a distinguished historian) will tell the story of six of the men whose initiative helped to build up the Empire of to-day. He starts with Raleigh, one of the most brilliant of the Elizabethans, and the flower of the sea-dogs—no mere buccaneer or slaver, like Drake or Hawkins, but a real Renaissance type of the man of action who yet had a mind.

(Picture on page 430.)

7.45 GEORGE GERSHWIN

A Representative Programme Chosen from His Successes, including the

RHAPSODY IN BLUE

(in which the solo piano part will be played by BILLIE HARRIS) and other Gershwin favourites

THE LONDON RADIO DANCE BAND, directed by SIDNEY FIRMAN

THE young American, George Gershwin, is in the van of composers of syncopated music. He has been responsible for the scores of many popular musical comedies. His most 'serious' work, which listeners will be hearing to-night, is the *Rhapsody in Blue*, the first attempt at a syncopated work of Concert dimension.



Mr. GEORGE GERSHWIN,

the famous composer of syncopated music, at the keyboard. A selection from his most popular successes, including 'Rhapsody in Blue,' will be played from London at 7.45 to-night.

8.25 'I PAGLIACCI' (ACT I)

Performed by the BRITISH NATIONAL OPERA COMPANY

Relayed from the Opera House, Manchester

IN a PROLOGUE, Tonio (Baritone), the Clown, in his stage costume, appears through the curtains, and reminds us that actors have hearts like the rest of mankind, and are subject to the same joys and sorrows.

ACT I

The curtain rises to show us an Italian village, where a Touting Company has just arrived, and is being greeted uproariously by The Villagers (Chorus). Soon the Head of the Company, Canio (Tenor) gains attention by persistently banging his drum and then announces the time of the coming show. He introduces to his audience Nedda, his wife (Soprano).

Presently everyone leaves except Nedda, who is presently joined by Tonio. He tries to make love to her, and gets a lash across the face as his reward. He goes away vowing vengeance.

One of the villagers, Silvio (Baritone), now joins her. He is in love with her, and she with him. A love scene follows, Silvio begging Nedda to run away with him.

Tonio overhears, and brings Canio. They surprise Silvio and Nedda, but Silvio escapes. Members of the Company interpose between the enraged Canio and his wife. It is time to prepare for the play. Left alone, Canio sings his famous song, 'On With the Motley,' and disappears through the curtains of their improvised stage.

9.10 WEATHER FORECAST, SECOND GENERAL NEWS BULLETIN

9.20 'I PAGLIACCI' (ACT II)

Relayed from the Opera House, Manchester

THE players give their play before the assembled peasants. Canio's part is that of a husband who, returning home, suspects his wife of infidelity. Canio forgets his lines in the awful reality of the situation. At last he loses control of himself, and actually stabs Nedda to death. Silvio rushes up, but he is too late, and Canio, recognizing him, stabs him also. The crowd seizes Canio, who sobs out 'The comedy is ended.'

9.40 Topical Talk

9.55 Local Announcements

10.0 BALLADS AND POETRY

FLORA WOODMAN (Soprano); SINCLAIR LOGAN (Baritone); ALBERT SAMMONS (Violin)

SINCLAIR LOGAN

Ett-riek .....

In Summertime on } Graham Peel

Bredon .....

An Old World Refrain

Reginald Clarke

FLORA WOODMAN

Bergerette, 'Jeunes Fillettes'

Weckerlin

Haidenröselin (Wild Rose) Schubert

Serenade .....

Strauss

ALBERT SAMMONS

Passacaglia Sammartini, arr. Nockey

Serenade .....

Arensky

Andante .....

Tchaikovsky

Piedmontese Rhapsody.. Sinigaglia

10.35 app. Mr. CECIL LEWIS: Reading from Oscar Wilde's Prose and Poetry

FLORA WOODMAN

Hindoo Song (Sadko)

Rimsky-Korsakov

At the Well .....

Hageman

SINCLAIR LOGAN

I Know a Bank ....

The Song of the Palan- } Martin Shaw

quin Bearers .....

When Lights Go Rolling Round The Sky

John Ireland

11.10 Close down

**5XX DAVENTRY. 1,600 M.**

10.30 a.m. Time Signal, Greenwich; WEATHER FORECAST

11.0 Time Signal, Big Ben. THE DAVENTRY QUARTET and DOROTHY PENN (Soprano), GILBERT SLATER (Baritone), DOROTHY CHALMERS (Violin)

11.45 app. JOHN and EDITH DELANEY (Duets)

12.5 Concert (continued)

1.0-2.0 S.B. from London (1.0 Time Signal)

2.55 S.B. from London

7.25 S.B. from Birmingham

7.45 S.B. from London

8.25 'I PAGLIACCI' (ACT I)

Relayed from the Opera House, Manchester

9.10 WEATHER FORECAST, NEWS

9.20 'I PAGLIACCI' (ACT II)

Relayed from the Opera House, Manchester

9.40 Topical Talk. S.B. from London

9.55 Shipping Forecast

10.0 S.B. from London (Time Signal)

11.10-12.0 DANCE MUSIC; DENROY SOMERS BAND from Ciro's Club

# PROGRAMMES FOR WEDNESDAY (March 2)

## 5IT BIRMINGHAM. 326.1 M.

- 3.45 London Programme relayed from Daventry
- 4.0 THE STATION WIND QUINTET
- 4.45 AFTERNOON TOPICS: MABEL FRANCK, 'The Art of Idling.' Hettie Holker (Soprano)
- 5.15 THE CHILDREN'S HOUR
- 6.0 LOZBELLS PICTURE HOUSE ORCHESTRA, conducted by PAUL RIMMER
- 6.20 S.B. from London
- 7.25 Principal C. GRANT ROBERTSON, C.V.O., 'Empire Builders—I, Raleigh'
- 7.45 S.B. from London
- 8.25 'I PAGLIACCI' (ACT I)  
Relayed from the OPERA HOUSE, MANCHESTER (See London Programme)
- 9.10 WEATHER FORECAST, NEWS
- 9.20 'I PAGLIACCI' (CONTINUED) (ACT II)
- 9.40 S.B. from London (9.55 Local News)

### 10.0-11.0 AN EIGHTEENTH CENTURY HOUR

THE STATION ORCHESTRA  
Overture to 'Alkestis' ..... Gluck—1711-1787  
JAMES HOWELL (Baritone)  
Music, When Soft Voices ..... Stephenson  
To Anthea ..... Hatton  
I Attempt from Love's Sickness to Fly ..... Purcell  
Charlie Is My Darlin' ..... Purcell

#### 'SWORD OR SCABBARD'

A Jacobite Play, written by KATE E. RILEY  
Presented by STUART E. VINDEN, and  
played by the STATION PLAYERS

#### Characters:

- Anthony Forbes (A Maker of Scabbards) STUART E. VINDEN
- Simon Lee (Owner of a Tannery in Deritend) JOHN MOSS
- Jabez Lee (Simon's Aged Father) JOSEPH LEWIS
- Mary Lee (Simon's Sister) PHYLLIS RICHARDSON
- Dame Austin (A Widow—Owner of 'The Orchard House') ANNE SANDERS
- Edith Austin (The Dame's Step-daughter) GLADYS GOLBOURNE
- Ned Walker (A Grammar School Boy) NORAH TARRANT
- Betty (A Maid at 'The Orchard House') GLADYS JOINER
- Webber (Anthony's Foreman) JOSEPH LEWIS
- Robert (An Employee at Anthony's Works) JOHN MOSS

The period is that of the Scottish Rebellion of 1745 and the scenes are enacted in Birmingham

#### SCENE I

A room in Simon's house in Deritend on a December evening in '45. Simon is seated by the fire; his father, a very aged man, sits on the opposite side of the fireplace, dozing. Mary, Simon's sister, is laying the supper table.

#### SCENE II

Anthony Forbes's office at his Works—the same evening as Scene I. Anthony is seated at a desk awaiting the arrival of his foreman, William Webber. The room is low and rafted, and on the walls hang scabbards of every description. Amongst them is a sword. It is of foreign workmanship and hangs close to where Anthony is seated. It bears the following inscription:

'Never draw me without reason,  
Nor sheathe me without honour.'

#### SCENE III

A room in 'The Orchard House' on the evening of the same day. The room is oak-panelled to the ceiling and is furnished with Jacobean chairs, table and sideboard. Within the ingle-nook Dame Austin is seated winding yarn. Edith is sitting farther away at the spinning wheel.

#### SCENE IV

The Spring of 1746—the same room in 'The Orchard House.' Betty is alone—vigorously polishing a coal scuttle.

ORCHESTRA  
Suite, 'Gretna Green' ..... Percy Fletcher  
A Modern Composer looking into the Eighteenth Century

## 63M BOURNEMOUTH. 491.8 M.

- 3.0 London Programme relayed from Daventry
- 4.0 SOME PORTSMOUTH ARTISTS  
THE STATION OCTET  
Fox-trot, 'Top Hole' ..... Hickey  
Overture, 'Plymouth Hoe' ..... Ansell



Sir WALTER RALEIGH.

This is a contemporary portrait of the great Elizabethan of whom Principal Grant Robertson will speak in the first of his talks on Empire Builders to-day [London, 7.25].

- 4.15 EDYTHE KINCH (Soprano)  
The Pipes of Pan ..... Monckton  
The Swallows ..... Bingham  
Songs My Mother Taught Me ..... Devorak
- 4.25 OCTET  
Sketch, 'Down South' ..... Myddleton
- 4.35 THE PORTSMOUTH CITY GLEE SINGERS  
The Boys of the Old Brigade ..... A. Caldicott  
Pickaniny Lullaby ..... Macy  
O Peaceful Night ..... E. German  
Little Tommy Went A-Fishing ..... Macy  
(Picture on page 431)
- 4.45 OCTET  
Valse, 'Dream on the Ocean' ..... Gungl
- 4.50 GLEE SINGERS  
The Mulligan Musketeers ..... R. W. Atkinson  
Baa, Baa, Black Sheep ..... A. Geibel  
The Goshings ..... Bridge  
Good Night, Beloved ..... J. L. Hatton
- 5.0 OCTET  
Portsmouth (from Hampshire Suite) .. E. Sharpe
- 5.5 EDYTHE KINCH  
Sing, Break Into Song ..... Mallinson  
Love is a Sickness ..... Armstrong Gibbs  
The Lass with the Delicate Air ..... Michael Arne
- 5.12 OCTET  
March, 'Viscount Nelson' ..... Zehle

- 5.15 THE CHILDREN'S HOUR
- 6.0 ORCHESTRAL MUSIC, relayed from the Grand Super Cinema, Westbourne. Directed by ISADORE GODOWSKY
- 6.20 S.B. from London
- 7.25 S.B. from Birmingham
- 7.45 S.B. from London
- 8.25 'I PAGLIACCI' (ACT I)  
Relayed from the OPERA HOUSE, MANCHESTER (See London Programme)
- 9.10 WEATHER FORECAST, NEWS
- 9.20 'I PAGLIACCI' (CONTINUED) (ACT II)
- 9.40-11.19 S.B. from London (9.55 Local News)

## 5WA CARDIFF. 353 M.

- 3.0 London Programme relayed from Daventry
- 4.0 THE STATION ORCHESTRA
- 4.30 THE DANCANT. Music by the LONDON CHORDEANS, relayed from Cox's Café
- 4.45 Miss DOROTHY MORTON, 'The Romance and Utility of Bread-making'
- 5.0 THE DANCANT. Music by the LONDON CHORDEANS (CONTINUED)
- 5.15 THE CHILDREN'S HOUR: The Station Orchestra
- 6.0 THE STATION ORCHESTRA  
Overture, 'William Tell' ..... Rossini  
Persian Dance (Khovantchina) ..... Moussorgsky  
Berceuse and Entr'acte, 'Sevillana' (Don Cesar de Bazan) ..... Massenet
- 6.20 S.B. from London
- 7.25 S.B. from Birmingham
- 7.45 S.B. from London
- 8.25 'I PAGLIACCI' (ACT I)  
Relayed from the Opera House, Manchester (See London Programme)
- 9.10 WEATHER FORECAST, NEWS
- 9.20 'I PAGLIACCI' (CONTINUED) (ACT II)
- 9.40 S.B. from London
- 9.55 Local News

### 10.0 THE SUPER SIX IN ANOTHER SONG SHOW

Produced and Directed by SIDNEY EVANS  
FRANK EVANS; GEORGE COBNER; LYNN JOSHUA;  
JOHN MORGAN; HERBERT SIESE; SIDNEY EVANS

- 10.25 JOHN W. PICKLES (Piano Accordion)  
Liberty Bell ..... Sousa  
The Caliph of Bagdad ..... Boledico

### 10.35-11.0 THE SUPER SIX

Concerted, 'Come With Us' ..... Gallotti  
Song, 'Mandy, Make Up Your Mind' ..... Mayer and Johnson

### 'AND THAT'S THAT'

A Contradictory Confab. between a Surly Sailor and an Elderly Gentleman. Written by S. A. PEEB-CARR  
Song, '1900 Years Ago' ..... Weston  
Song, 'Cool River' ..... Layton and Johnstone  
Burlesque, 'A Coop Tie' ..... Longstaffe

## 2ZY MANCHESTER. 384.6 M.

- 2.55 London Programme relayed from Daventry
- 4.0 TEA-TIME CONCERT: ORCHESTRAL MUSIC from the Piccadilly Picture Theatre

# PROGRAMMES FOR WEDNESDAY (March 2)

5.0 Mr. PERCYAL GRAYES: A Talk on Opera, with Gramophone Illustrations

5.15 THE CHILDREN'S HOUR

6.0 Light Music by THE STATION QUARTET

6.20 Royal Horticultural Society's Bulletin

6.30 S.B. from London

7.25 S.B. from Birmingham

7.45 **VAUDEVILLE**  
 THE VAUDEVILLE FOUR  
 ELSPETH DOUGLAS-REID in her Original Character Sketches  
 CHARLES, ALAN, and a PIANO  
 VERDI POPPLE presents Famous Actors of Bygone Days  
 BETTY WHITELY and HARRY HOPEWELL in some New Duets  
 ANDREW McALEISTER, the New-Style Comedian  
 THE VAUDEVILLE PLAYERS, in 'The Famous Big Diamond Mystery,' a Burlesque by Harold Melvill  
 HARRY HOPEWELL in some Recent Successes  
 THE NESTLES present their New Comedy Act  
 BETTY WHITELY offers some New Songs

9.10 WEATHER FORECAST, NEWS

9.20 LIGHT MUSIC by THE STATION QUARTET

9.40 S.B. from London

9.55 Local News

10.0-11.0 'L'ALLEGRO'  
 THE STATION ORCHESTRA  
 March, 'Joyous Niggers' ..... Berger  
 Suite, 'Vive la Danse' ..... Finck  
 Joy of Life (Suite Française) ..... Foulds  
 At the Fair (Suite, 'The Country Side') ..... Coates  
 Waltz, 'Nights of Gladness' ..... Ancliffe  
 Funiculi, Funicula ..... Denza  
 Suite, 'Holiday Sketches' ..... Foulds  
 Galop, 'Joyous Record' ..... Sabert

**6KH HULL. 294 M.**

3.30 Light Music

3.45 London Programme relayed from Daventry

4.0 Light Music

4.15 FIELD'S QUARTET, relayed from the New Restaurant, King Edward Street

5.15 THE CHILDREN'S HOUR

6.0 London Programme relayed from Daventry

6.20 Royal Horticultural Society's Bulletin

6.30 S.B. from London

7.25 S.B. from Birmingham

7.45 S.B. from London

8.25 'I PAGLIACCI' (ACT I)  
 Relayed from the Opera House, Manchester  
 (See London Programme)

9.10 WEATHER FORECAST, NEWS

9.20 'I PAGLIACCI' (Continued) (ACT II)

9.40-11.10 S.B. from London (9.55 Local News)

**2LS LEEDS BRADFORD. 277.8 M. & 252.1 M.**

11.30-12.30 FIELD'S 'CAFÉ ORCHESTRA', relayed from Field's Café, Commercial Street, Leeds

3.45 London Programme relayed from Daventry

4.0 THE SCALA SYMPHONY ORCHESTRA, relayed from the Scala Theatre, Leeds

5.0 AFTERNOON TOPICS: Miss D. NICHOLS: 'Children's Songs' (Arensky)

5.15 THE CHILDREN'S HOUR

6.0 Light Music

6.20 Royal Horticultural Society's Bulletin

6.30 S.B. from London

7.25 S.B. from Birmingham

7.45 S.B. from London

8.25 'I PAGLIACCI' (ACT I)  
 Relayed from the Opera House, Manchester  
 (See London Programme)

9.10 WEATHER FORECAST, NEWS

9.20 'I PAGLIACCI' (Continued) (ACT II)

9.40-11.10 S.B. from London (9.55 Local News)

**6LV LIVERPOOL. 297 M.**

3.0 CRANE'S MATINEE CONCERT  
 Relayed from Crane Hall  
 MARGUERITE STILWELL (Pianoforte); CHARLES HARRISON (Bass); ALICE VAUGHAN (Contralto); B. SANDBERG LEE (Accompanist)

3.45 London Programme relayed from Daventry

4.0 MONTAGUE'S SYMPHONICS, relayed from the Edinburgh Café Ballroom

5.0 AFTERNOON TOPICS: DAVID WRAY, 'Old Travellers' Yarns'

5.15 THE CHILDREN'S HOUR

6.0 London Programme relayed from Daventry

6.20 S.B. from Manchester

6.30 S.B. from London

7.25 S.B. from Birmingham

7.45 S.B. from London

8.25 'I PAGLIACCI' (ACT I)  
 Relayed from the Opera House, Manchester  
 (See London Programme)

9.10 WEATHER FORECAST, NEWS

9.20 'I PAGLIACCI' (Continued) (ACT II)

9.40-11.10 S.B. from London (9.55 Local News)

**5NG NOTTINGHAM. 275.2 M.**

11.30-12.30 Concert relayed from Daventry

3.45 London Programme relayed from Daventry

4.0 THE MIKADO CAFÉ ORCHESTRA, conducted by FREDERICK BOTTOMLEY

4.45 Music and Afternoon Topics

5.15 THE CHILDREN'S HOUR

6.15 MABEL HODGKINSON (Pianoforte)

6.20 London Programme relayed from Daventry

6.30 S.B. from London

7.25 S.B. from Birmingham

7.45 S.B. from London

8.25 'I PAGLIACCI' (ACT I)  
 Relayed from the Opera House, Manchester  
 (See London Programme)

9.10 WEATHER FORECAST, NEWS

9.20 'I PAGLIACCI' (Continued) (ACT II)

9.40-11.10 S.B. from London (9.55 Local News)



J. J. Walker

F. A. SCOTT

T. Maria Sorensen

IN THE PROGRAMMES TO-DAY.

On the left is Mr. Verdi Popple, who, in the vaudeville programme from Manchester to-night at 7.45, will give listeners an idea of some famous actors of the past. In the centre are the Portsmouth City Glee Singers, who sing from Bournemouth at 4.35; and on the right is Mr. Sidney Evans, the producer and director of the 'Super Six's' song show from Cardiff at 10.0.

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Name.....  
(Mr., Mrs., or Miss)

Address..... B.T.

## PROGRAMMES FOR WEDNESDAY (March 2)

(Continued from page 431.)

### 5PY PLYMOUTH. 400 M.

11.0-12.0 GEORGE EAST and his QUARTET, relayed from Popham's Restaurant.

3.30 Gramophone Recital

3.45 London Programme relayed from Daventry

4.0 Afternoon Topics

4.15 TEA-TIME MUSIC: The ROYAL HOTEL TRIO, directed by ALBERT FULLBROOK

5.15 THE CHILDREN'S HOUR

6.0 THE MICROGNOMES

6.20 London Programme relayed from Daventry

6.30 S.B. from London

7.25 S.B. from Birmingham

7.45 S.B. from London

8.25 'I PAGLIACCI' (ACT I)  
Relayed from the Opera House, Manchester  
(See London Programme)

9.10 WEATHER FORECAST, NEWS

9.20 'I PAGLIACCI' (Continued) (ACT II)

9.40 S.B. from London

9.55 Local News

10.0-11.0 THE STATION ORCHESTRA, directed by WINIFRED GRANT, with HAROLD KIMBERLEY (Baritone) in Half-an-Hour of Musical Comedy

### 6FL SHEFFIELD. 272.7 M.

11.30-12.30 Gramophone Lecture Recital by Moses Baritz

3.25 BROADCAST TO SCHOOLS: Prof. C. J. PATTEN, 'Birds of the Sheffield Neighbourhood in Winter'

3.45 London Programme relayed from Daventry

4.0 AFTERNOON TOPICS: KATE BALDWIN, 'Spring Cleaning—Special Care for Precious Ware'

4.15 London Programme relayed from Daventry

5.15 THE CHILDREN'S HOUR

6.0 Musical Interlude

6.20 Royal Horticultural Society's Bulletin

6.30 S.B. from London

7.25 S.B. from Birmingham

7.45 S.B. from London

8.25 'I PAGLIACCI' (ACT I)  
Relayed from the Opera House, Manchester  
(See London Programme)

9.10 WEATHER FORECAST, NEWS

9.20 'I PAGLIACCI' (Continued) (ACT II)

9.40-11.10 S.B. from London (9.55 Local News)

### 6ST STOKE. 294 M.

3.0 London Programme relayed from Daventry

5.0 AFTERNOON TOPICS: MILDRED DUKE, 'Cats and Dogs'

5.15 THE CHILDREN'S HOUR

6.0 Light Music

6.30 S.B. from London

7.25 S.B. from Birmingham

7.45 S.B. from London

8.25 'I PAGLIACCI' (ACT I)  
Relayed from the Opera House, Manchester  
(See London Programme)

9.10 WEATHER FORECAST, NEWS

9.20 'I PAGLIACCI' (Continued) (ACT II)

9.40-11.10 S.B. from London (9.55 Local News)

### 5SX SWANSEA. 294 M.

2.55 London Programme relayed from Daventry

4.0 THE CASTLE CINEMA ORCHESTRA and Organ Music, relayed from the Castle Cinema

5.0 Afternoon Topics

5.15 THE CHILDREN'S HOUR

6.0 Musical Interlude

6.10 The Swansea Radio Society's Bulletin

6.20 London Programme relayed from Daventry

6.30 S.B. from London

7.25 S.B. from Birmingham

7.45 S.B. from London

8.25 'I PAGLIACCI' (ACT I)  
Relayed from the Opera House, Manchester  
(See London Programme)

9.10 WEATHER FORECAST, NEWS

9.20 'I PAGLIACCI' (Continued) (ACT II)

9.40 S.B. from London

9.55 Local News

10.0-11.0 S.B. from Cardiff

## Northern Programmes.

### 5NO NEWCASTLE. 312.5 M.

2.55:—London Programme relayed from Daventry. 3.20:—Mr. C. Bernard Stevenson: 'Art—Pictures in the Laing Art Gallery.' 3.45:—London Programme relayed from Daventry. 4.0:—Music from Fenwick's Terrace Tea-Rooms. 5.0:—Miss Agnes Strong: 'Lucy Fervere.' 5.15:—Children's Hour. 6.0:—Station Octet. 6.20:—Royal Horticultural Society's Bulletin. 6.30:—S.B. from London. 7.25:—S.B. from Birmingham. 7.45:—S.B. from London. 8.25:—'I Pagliacci' (Act I). Relayed from the Opera House, Manchester. 9.10:—News. 9.20:—'I Pagliacci' (Act II). 9.40-11.10:—S.B. from London.

### 5SC GLASGOW. 405.4 M.

3.0:—Jeffries' Orchestra, relayed from the Locarno Dance Salon. 3.20:—Broadcast to Schools: Mr. G. W. Tyndal, 'The Story of the Earth.' 3.32:—M. Albert le Grip: 'French—Carnaval et Coiffure.' Musical Item to Schools: Selection, 'Pohémou et Bance' (Gounod). 3.55:—Afternoon Concert. Wireless Quartet: B. Graham (Solo Clarinet). 5.0:—Afternoon Topics: Dorothy Carleton Smyth, 'Play Producing in Small Communities' (Part I). 5.15:—Children's Hour. 5.55:—Weather Forecast for Farmers. 6.0:—Musical Interlude. 6.20:—Mr. Dudley V. Howells, Horticulture Bulletin. 6.30:—S.B. from London. 7.25:—S.B. from Birmingham. 7.45:—S.B. from London. 8.25:—'I Pagliacci' (Act I). Relayed from the Opera House, Manchester. 9.10:—News. 9.20:—'I Pagliacci' (Act II). 9.40:—S.B. from London. 10.0-11.10:—Dance Music.

### 2BD ABERDEEN. 500 M.

3.45:—London Programme relayed from Daventry. 4.0:—Steadman's Symphony Orchestra, relayed from the Electric Theatre. 4.45:—Hugh Munro (Bass). 5.0:—Afternoon Topics: Miss Edith Macpherson, 'On Capturing Programmes.' 5.15:—Children's Hour. 6.0:—Station Octet. 6.30:—S.B. from London. 7.25:—S.B. from Birmingham. 7.45:—S.B. from London. 8.25:—'I Pagliacci' (Act I). Relayed from the Opera House, Manchester. 9.10:—News. 9.20:—'I Pagliacci' (Act II). 9.40:—S.B. from London. 10.0-11.0:—Dance Music: John R. Sinden and his New Toronto Band, relayed from the New Palais de Danse.

### 2BE BELFAST. 306.1 M.

2.55:—Broadcast to Schools. London Programme relayed from Daventry. 3.45:—London Programme relayed from Daventry. 4.0:—Plaza Band, directed by B. M. Cole, relayed from the Plaza. 5.0:—Afternoon Topics: Miss Margaret Kinnaird, 'Social History—(5) The Textile Industries.' 5.15:—Children's Hour. 6.0:—London Programme relayed from Daventry. 6.20:—S.B. from London. 7.25:—S.B. from Birmingham. 7.45:—S.B. from London. 8.25:—'I Pagliacci' (Act I). Relayed from the Opera House, Manchester. 9.10:—News. 9.20:—'I Pagliacci' (Act II). 9.40-11.10:—S.B. from London.



# PROGRAMMES FOR THURSDAY (March 3)

## 2LO LONDON. 361.4 M.

(1.0 Time Signal, Big Ben)

- 1.0-2.0 The Week's Concert of New Gramophone Records
- 2.25 Reading: 'Moby Dick,' by *Hermann Melville*
- 2.30 Mrs. H. A. L. FISHER: 'Before and After the War—A Hundred Years Ago'
- T**ODAY Mrs. Fisher turns her attention from rural England to the towns, which at the turn of the century were just becoming the preponderating interest in the community. The phrase, 'Industrial Revolution,' covers a vast complex of new developments that, amongst them, changed the whole face of England within a few decades; and the old England has never reappeared.
- 3.0 EVENSONG, relayed from WESTMINSTER ABBEY
- 3.45 Rev. W. H. ELLIOTT: 'The Sunny Side of Life—(I) On Being Afraid of Life'
- 4.0 Time Signal, Greenwich. THE WALPOLE CINEMA ORCHESTRA, directed by FRANCIS R. DRAKE, relayed from the Walpole Cinema, Ealing Suite, 'Sylvan Scenes'..... *Fletcher*  
Two Arabesques..... *Debussy*  
By the Tamarisk..... *Coates*  
Keltic Dance..... *Holliday*  
All Round the World (Potpourri)..... *Yoshitomo*  
Jeux d'Enfants..... *Bizet*  
Overture, 'Felsenmühle'..... *Reissiger*  
Let's All Go to Mary's House..... *Wood*  
Breezing Along with the Breeze..... *Whiting*
- 5.0 A. BONNET LAIRD, 'Up Hill and Down Dale'
- 5.15 THE CHILDREN'S HOUR: Songs by The Wireless Chorus. 'A New Silver Nothing' (*Eleanor Farjeon*). 'Zoo Gluttons,' by L. G. M. of the *Daily Mail*
- 6.0 THE DAVENTRY QUARTET
- 6.15 Market Prices for Farmers
- 6.20 THE DAVENTRY QUARTET
- 6.30 TIME SIGNAL, GREENWICH; WEATHER FORECAST, FIRST GENERAL NEWS BULLETIN
- 6.45 For Boy Scouts: A Scene from 'The Crusaders,' by Wolf Cubs of the Acton Packs
- 7.0 Talk
- 7.15 THE FOUNDATIONS OF MUSIC  
THE PIANO SONATAS OF MOZART
- 7.25 Mr. R. R. MARETT, 'The Making of Man—VI, Law'
- M**R. MARETT concludes his series of talks on 'The Making of Man' with a discussion of what most authorities consider to be the cement that binds society together. There are many ways of approaching the study of Law in its sociological aspect, but there can be no doubt that the researches of the anthropologist have given us a much wider view than we could obtain in the days when philosophers based their theories of the Social Contract on a mythical personification of the 'natural man.'
- 7.45 GRACE FISHER  
(One of America's most prominent Musical Comedy Stars)
- 8.0 B.B.C. NATIONAL CONCERT  
PART I  
RELAYED FROM THE ROYAL ALBERT HALL  
(See Special Programme)
- 9.0 TIME SIGNAL, GREENWICH; WEATHER FORECAST, SECOND GENERAL NEWS BULLETIN; Local News
- 9.15 NATIONAL CONCERT  
(Continued)  
PART II.
- 10.15 Mr. F. A. MITCHELL-HEDGES, 'The Aw-inspiring Volcano at Santiago'
- T**HIS is the last of Mr. Mitchell-Hedges's talks, in which he has described his latest journey of exploration in the wilds of Central America.
- 10.30-12.0 DANCE MUSIC: THE SAVOY ORPHEANS, THE SAVOY HAVANA BAND, and THE SYLVANS, from the Savoy Hotel



Apote, New York

### GOOD NEWS FROM NEW YORK!

This is Miss Grace Fisher, one of the brightest stars in the constellation of Broadway. She has lately crossed the Atlantic on a holiday, but before she goes on to the Riviera she will pay a flying visit to the London Studio, whence listeners will hear her at 7.45 to-night

## 5XX DAVENTRY. 1,600 M.

- 10.30 a.m. Time Signal, Greenwich; Weather Forecast
- 11.0 Time Signal, Big Ben. CORELLI WINDHEAT'S BAND and DORIS COWAN (Contralto), FRANK E. SKINNER (Tenor), IDA STARKIE (Cello), DOROTHY HOOPEN (Pianoforte)
- 1.0-2.0 S.B. from London (1.0 Time Signal)
- 2.25 S.B. from London
- 9.10 Shipping Forecast
- 9.15-12.0 S.B. from London (10.0 Time Signal)

## 5IT BIRMINGHAM. 326.1 M.

- 1.10-1.50 MIDDAY SERVICE, relayed from St. Martin's Parish Church. Speaker—  
The Rev. STUDDERT KENNEDY
- T**HO thousands of ex-Service men, Mr. Studdert-Kennedy will always be 'Woodbine Willie,' chief amongst the padres whom the war did not find wanting; and no books by a clergyman have had more popularity than his 'Rough Rhymes of a Padre,' 'Food for the Fed-Up,' and 'The Word and the Work.' He is now Rector of St. Edmunds, Lombard Street, in the City of London.
- 3.45 THE STATION PIANOFORTE QUINTET
- 4.45 AFTERNOON TOPICS: ETHEL POULTON, 'The Italian Lakes in Spring'
- 5.15 THE CHILDREN'S HOUR: Fairy Story by Phyllis Richardson. Songs by Florence Cleeton (Soprano). 'The Story of Tamba the Slave,' by 'Trekker'
- 6.0 HAROLD TURLEY'S ORCHESTRA, relayed from Prince's Café



The Rev. G. A. STUDDERT KENNEDY.

- 6.15 S.B. from London
- 6.45 For Boy Scouts: Camp Fire Concert by the First Harborne Troop and Pack under Scoutmaster H. Howe
- 7.0 Major VERNON C. BROOK: 'The Owner Driver—Auxiliary Equipment'
- 7.15-12.0 S.B. from London (9.10 Local News)

## 6BM BOURNEMOUTH. 491.8 M.

- 11.15-12.15 MIDDAY MUSIC, by F. G. BACON'S ORCHESTRA, relayed from W. H. Smith and Son's Restaurant, The Square
- 2.25 London Programme relayed from Daventry
- 3.0-3.30 SERVICE FOR THE SICK  
THE STATION CHOIR  
Address by the Rev. RICHARD T. ARSCOTT, S.J.
- 4.0 Mrs. FORSYTH-FORREST: 'A Japanese Garden'
- 4.15 TEA-TIME MUSIC by F. G. BACON'S ORCHESTRA, relayed from W. H. Smith and Son's Restaurant, The Square
- 5.15 THE CHILDREN'S HOUR
- 6.0 London Programme relayed from Daventry
- 6.15 S.B. from London
- 6.45 For Scouts: 'The Scout's Vision,' by Dr. EMLYN
- 7.0 Mr. GEORGE DANCE, 'Gardening'
- 7.15-12.0 S.B. from London (9.10 Local News)

## 5WA CARDIFF. 353 M.

- 12.30-1.30 LUNCH-TIME MUSIC from the Carlton Restaurant
- 3.0 AN AFTERNOON CONCERT  
THE STATION ORCHESTRA  
Overture to 'The Men of Prometheus' *Beethoven*  
Three Dances from 'Henry VIII'..... *German*
- 3.15 BROADCAST TO SCHOOLS: 'The Orchestra and Its Instruments,' as revealed by Sir WALFORD DAVIES and WARWICK BRAITHWAITE with the Station Orchestra
- 3.40 ORCHESTRA  
Kamarinskaja..... *Glinka*  
(Introducing the Russian National Dance)  
ALBERT WENT (Baritone)  
Early One Morning..... } *Old English*  
Passing By..... }  
(With Fairy Bell Accompaniment)
- ORCHESTRA  
Symphony No. 83, in G (The Hen)..... *Haydn*  
ALBERT WENT  
The Old Sexton..... *H. Russell*  
Vale..... *K. Russell*  
(With Fairy Bell Accompaniment)
- ORCHESTRA  
Fantasia on Russian Melodies *Krein, arr. Lotter*  
Hungarian March, 'Torak Magyar' *De Rudder*
- 4.45 Mr. RICHARD BARRON: 'A Reading from Shakespeare'
- 5.0 ORCHESTRA  
Selection, 'Mirella'..... *Gounod*
- 5.15 THE CHILDREN'S HOUR
- 6.0 Miss ESYLT NEWBERY: 'Eastern Camcos—Summer in Japan'
- 6.15 S.B. from London
- 7.0 THE STATION DIRECTOR: 'To-day and To-morrow,' including the Fortnight's Work at the Station
- 7.15-12.0 S.B. from London (9.10 Local News)

# PROGRAMMES FOR THURSDAY (March 3)

## 2ZY MANCHESTER. 384.6 M.

- 11.30-12.30 Music by THE STATION QUARTET
- 4.30 AFTERNOON TOPICS: Councillor SAM BLOOR, 'Woman's Activities and Interests in Modern Sport'
- 4.45 TEA-TIME MUSIC: J. MEADOWS (Auto-Piano Recital)
- 5.0 JOHN ATKINSON (Violin)  
Menuet ..... Pugnani, arr. Kreisler  
French Hymn (Unaccompanied) .... De Bériot  
From the Cane-Brake ..... Gardner  
Polonaise in G ..... Vieuxtemps
- 5.15 THE CHILDREN'S HOUR: Elégie (Massenet), sung by Harry Hopewell, with Cello obligato by Sidney Wright. Cello Solos by Sidney Wright
- 6.0 Light Music
- 6.15 S.B. from London
- 7.0 Mr. J. R. LEE-BOOKER: 'Dawn to Sunset—A Day in the Life of a Nyassaland Settler'
- 7.15 S.B. from London
- 8.0-12.0 S.B. from London (9.10 Local News)

## 6KH HULL. 294 M.

- 11.30-12.30 Moses Baritz: Gramophone Lecture Recital
- 4.0 AFTERNOON TOPICS: Mr. C. H. PHILLIPS, 'Adventures with an Accompanist'
- 4.15 FIELD'S QUARTET, relayed from the New Restaurant, King Edward Street
- 5.15 THE CHILDREN'S HOUR
- 5.0 Rev. H. K. BANKS: 'An African Romance of Fifty Years in Uganda'
- 6.15 London Programme relayed from Daventry
- 6.30 S.B. from London
- 7.0 K. GRAHAM THOMSON, Talks on Famous British Boxers—I, "Gentleman" John Jackson
- 7.15-12.0 S.B. from London (9.10 Local News)

## 2LS LEEDS-BRADFORD. 277.8 M. & 252.1 M.

- 11.30-12.30 FIELD'S CAFÉ ORCHESTRA, relayed from Field's Café, Commercial Street, Leeds
- 4.0 MOSES BARITZ: Gramophone Recital
- 5.0 Afternoon Topics
- 5.15 THE CHILDREN'S HOUR
- 6.0 Light Music
- 6.15 London Programme relayed from Daventry
- 6.30 S.B. from London
- 7.0 Mr. PERCY ROBINSON, 'Oakwood Hall'
- 7.15-12.0 S.B. from London (9.10 Local News)

## 6LV LIVERPOOL. 297 M.

- 4.0 HAROLD GEE and his ORCHESTRA from the Trocadero Cinema
- 5.0 Readings by H. C. Pearson
- 5.15 THE CHILDREN'S HOUR
- 6.0 HAROLD GEE and his ORCHESTRA from the Trocadero Cinema
- 6.15 London Programme relayed from Daventry
- 6.30 S.B. from London

6.45 For Boy Scouts: Scoutmaster R. N. PERCIVAL (D. S.M., Eastern Division), 'Scouting in India'

7.0-12.0 S.B. from London (9.10 Local News)

## 5NG NOTTINGHAM. 275.2 M.

- 11.30-12.30 Morning Concert relayed from Daventry
- 2.40 BROADCAST TO SCHOOLS: Prof. H. H. SWINNERTON, 'The Geography of Nottingham and Its Little Sisters,' VII
- 3.0-3.45 London Programme relayed from Daventry
- 4.0 THE NOTTINGHAM JEWISH GIRLS' CHOIR, conducted by Mrs. C. R. WEINBERG  
Friendship (A Canon) ..... Marzials  
The Lord is My Shepherd (Four-Part Song) ..... Schubert  
EDITH M. CREE (Pianoforte)  
Italian Concerto ..... Bach  
GIRLS' CHOIR  
Orpheus with His Lute ..... German  
The Lass with the Delicate Air ..... Michael Arne  
To a Wild Rose ..... MacDowell  
Dance of Gnomes ..... MacDowell  
IDA SARGENT  
Selections from her Repertoire of Songs at the Piano  
EDITH M. CREE  
Impromptu in A Flat, Op. 29 ..... Chopin  
Posthumous Studies, Nos. 1, 2, 3 ..... Chopin  
IDA SARGENT  
Songs at the Piano
- 5.15 THE CHILDREN'S HOUR
- 6.15 London Programme relayed from Daventry
- 6.30 S.B. from London

6.45 For Boy Scouts

7.0 Prof. R. PEERS, 'Living and Learning—III, Are We Ever Too Old to Learn?'

7.15-12.0 S.B. from London (9.10 Local News)

## 5PY PLYMOUTH. 400 M.

- 11.0-12.0 GEORGE EAST and his QUARTET, relayed from Popham's Restaurant
- 3.30 Orchestra relayed from Popham's Restaurant
- 4.0 Afternoon Topics
- 4.15 TEA-TIME MUSIC: THE ROYAL HOTEL TRIO, directed by ALBERT FULLBROOK
- 5.15 THE CHILDREN'S HOUR
- 5.50 DORIS NODDER (Violoncello)
- 6.15 London Programme relayed from Daventry
- 6.30 S.B. from London
- 7.0 Miss MARGARET KENNEDY, 'Impressions of Oxford'
- 7.15-12.0 S.B. from London (9.10 Local News)

## 6FL SHEFFIELD. 272.7 M.

- 3.25 BROADCAST TO SCHOOLS: Mr. R. E. SOPWITH, Talks on English Literature—IV, Kipling's Puck of Pook's Hill
- 3.45 London Programme relayed from Daventry
- 4.0 Afternoon Topics
- 4.15 Organ relayed from the Albert Hall
- 5.15 THE CHILDREN'S HOUR: Another Talk about Stamp Collecting, followed by a Story for Girls
- 6.0 Musical Interlude
- 6.15 London Programme relayed from Daventry
- (Continued in column 3, page 436.)

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TO call attention to the advantages and cheapness of telephone service in the home, the Telephone Development Association has made arrangements to pay the first year's telephone rental in a number of cases selected at random.

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# NATIONAL CONCERT PROGRAMME (March 3)

## Programme Notes.

### THE CONDUCTOR.

**SIR LANDON RONALD** needs no formal word of Introduction to a B.B.C. audience. He comes of musical stock, for he is the son of Henry Russell, whose *Cheer, Boys, Cheer* and *A Life on the Ocean Wave* were so popular in their day.

After his period of study at the Royal College of Music, he toured as Solo Pianist in Wormser's *Prodigal Son* (a musical play without words), then conducted at Covent Garden, played Melba's accompaniments in America, and has in the last thirty years become famous as a Conductor. Particularly is his name associated with the Royal Albert Hall Orchestra, of which he is the permanent chief.

A few years before the war he became Principal of the Guildhall School of Music, and the R.C.M. elected him an honorary Fellow in 1924.



E. Turner

### THE SINGER.

**JAN KIEPURA** was born in 1902, in Sosnovka, Poland, was educated at the Gymnasium there, then studied law in Warsaw, and took lessons in singing with Laliwa and Brzezinski in Warsaw and with Warmuth in Cracow.

He made his *début* in 1924, and was engaged for a year with the Warsaw Opera.

His very early and striking success resulted in his introduction to the Director of the Vienna Opera, Franz Schalk, and his engagement to sing there. Since then he has sung in many of the chief cities of Europe.

### PART I.

#### Overture to 'The Marriage of Figaro.'

**MOZART** seems to have been one of the rare people, who, when they have to work at lightning speed, can produce first-class results.

He wrote the whole of the Opera *The Marriage of Figaro* in six weeks, and the Overture was completed only a day or so before the work was produced, in May, a hundred-and-forty-one years ago.

The Irish tenor-composer, Michael Kelly, who took part in that performance under the name of 'Ochelly,' said that Mozart, who supervised the rehearsals, 'transfused into the players' minds his inspired meaning.' He added: 'I shall never forget his little, animated countenance, which lighted up with the glowing rays of genius.'

For so light and sparkling a comedy, Mozart perhaps felt that an Overture with much elaboration in it was not suitable. He omits the usual 'development' section, and gives us just a short, spirited piece. It is not actually connected with the Opera, and is a favourite concert-piece.

The *First Main Tune*, which starts with the first note of the piece, has two parts. The first part is a very soft, brief, rushing tune, played at

(Continued in column 3.)



JAN KIEPURA.

the young Polish tenor who has astonished Europe. Critics have said that to call him 'the second Caruso' is not enough; he is 'the first Kiepura,' and they can give him no higher praise. The picture above shows him as the Duke in 'Rigoletto,' and the two other portraits on this page show different aspects of the striking personality of this rising star of the musical world, who is coming to England for the first time to sing for the B.B.C. to-night.

a low pitch by Strings and Bassoons in octaves. The second part, which immediately follows, is mostly smoother and less hurried. It begins fairly quietly in Woodwind and Horns, but almost at once leads to a burst of Full Orchestra. When this stops, the first melody is repeated, with high sustained Woodwind added; it is again followed by the second melody, which brings, after several rapid scales, the Second Main Tune. This is more subtle, and, mostly, more delicate. Strings and Woodwind alternate.

Several short tunes follow, then the First Main Tune returns, and everything that has been played is repeated almost note for note. The Overture ends with a short Coda, based on the First Tune, beginning very softly, and gradually working up to an exciting ending.

### Tchaikovsky's Fifth Symphony.

THE strain of melancholy, amounting to morbidity, in Tchaikovsky's mind naturally



E. Turner

## THE B.B.C. NATIONAL CONCERTS NINTH CONCERT

Relayed from the Royal Albert Hall

**JAN KIEPURA (Tenor)**  
(First appearance in England)

THE NATIONAL ORCHESTRA

Conducted by  
**Sir LANDON RONALD**

8.0 PART I.  
ORCHESTRA

Overture to 'Figaro' ..... Mozart

JAN KIEPURA (with Orchestra)

Ella mi fu rapita ('Rigoletto') ... Verdi

ORCHESTRA

Fifth Symphony ..... Tchaikovsky

9.0 Interlude from the Studio

9.15 PART II.  
ORCHESTRA

'Carnival' Overture ..... Dvorak

JAN KIEPURA (with Orchestra)

Che Gelida Manina ('La Bohème')

Puccini

ORCHESTRA

Two Nocturnes ..... Debussy

Shepherd's Hey ..... Grainger

shows itself in his music. The Fourth Symphony and the Sixth ('Pathetic') both contain evidence of it, and so, to a smaller extent, does this Fifth Symphony.

**FIRST MOVEMENT.** An Introduction (moving gently) gives out the 'Motto' Tune, which reappears in each Movement (Clarinet, here, with Strings accompanying). After thirty-two bars comes the **FIRST MOVEMENT** proper.

(Quick, spirited). Clarinet and Bassoon have the First Main Tune. Strings and Woodwind continue the mood. The Second Main Tune comes in on the Strings, in gentler manner, with a touch of syncopation in it: a pleading Theme, one might say. This material is dealt with at no great length, and the 'Recapitulation' of the Themes comes in the usual way, the Movement dying away.

**SECOND MOVEMENT.** (Gently moving, in a singing style). The Lower Strings have sustained chords, over which Horn gives out the flowing First Main Tune. An Oboe has a continuation of this, in rather brighter mood. The Strings' opening of the Second Main Tune echoes a four-note figure of the Oboe, and continues with new material. With a change of time from the swaying three-to-a-beat of the opening, a Clarinet Third Tune enters. Soon the Motto Tune pushes its way in, giving way quickly to the earlier Themes, which are reviewed, the Movement ending peacefully.

**THIRD MOVEMENT.** (Valse. Moderately quick). Violins have the First Main Tune, Bassoon a Second Tune. The Trio, or middle section of the Valse, has a dancing Violin Theme, in rapidly-running short notes. After the usual repetition of the matter in the beginning of the Movement, the Motto Tune is impressed upon us, even in the midst of gaiety, by Clarinets and Bassoon.

(Continued in column 2, page 436.)

TO ALL  
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who gives every week an  
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relayed from 2LO

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Yours sincerely,

Reynald Foort

F.R.C.O.

(Solo Organist)

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*National Concert Programme Notes.*

(Continued from the previous page.)

**FOURTH MOVEMENT.** (Introduction. Moving with dignity). The Motto is transformed into a cheerful, solid, major-key Tune through this longish Introduction, which leads straight into the quick, vivacious **LAST MOVEMENT** proper. Its First Main Tune has a connection with the Motto, in the scale passage, descending, that we heard repeated in the latter. The Oboe has a leaping subsidiary portion, and the Second Main Tune comes on Oboe and Flute. After much sonorous treatment of these Themes, with quick changes of mood for a moment or two, we meet the Motto Tune for the last time, in the summing-up, in the most majestic spirit.

**PART II.**

**'Carnival' Overture.**

**OVERTURE** may signify a concert piece that is meant to stand alone, although the word suggests that a stage piece or some other long work is to follow. The *Carnival Overture* is an example. It is one of three works originally intended by Dvorak to be movements of a Symphony, and afterwards called 'Overtures.' This one was evidently to supply the 'Scherzo' or bright movement of the Symphony.

High spirits are its prevailing note. The title's suggestion of youth's eager enjoyments fits it perfectly.

**Two Nocturnes: 'Nuages' ('Clouds') and 'Fêtes' ('Festivities').**

**THESE** are two of a set of three orchestral Nocturnes published in 1900, but not performed in England till 1909, when the Composer conducted them.

He said that the title *Nocturnes* was to be understood as 'having a decorative meaning... as signifying in the amplest manner diversified impressions.'

His verbal suggestion for the First Nocturne, *Clouds*, was: 'The unchanging aspect of the sky, and the slow, solemn movement of the clouds dissolving in grey tints lightly washed with white.'

The two themes which form the basis of the Movement are the undulating one which the Clarinets and Bassoons give out at the commencement, and the shorter tune for Cor Anglais (Alto Oboe) which soon follows. This latter, persisting throughout the piece, may perhaps be taken as suggesting 'the unchanging aspect of the sky,' while the other, which is developed, may shadow forth the changing cloud-patterns.

In the second piece, *Festivities*, Debussy intended to make a musical picture of 'the restless dancing-rhythm of the atmosphere interspersed with sudden flashes of light. There is also an incidental procession (a dazzling imaginary vision) passing through and mingling with the aerial revelry; but the background of uninterrupted festival is persistent, with its blending of music and luminous dust participating in the universal rhythm of all things.'

Thus the aim is to give, in terms of sound, impressions of the rhythmic effects of light, of cloud-formation, and the sea's undulations.

The Violins, high up, set up a dancing rhythm, and Clarinet, with Cor Anglais, gives out the First Main Tune, that glides suavely and strongly in triplets.

After this has been developed, the Oboe has a new motive, from which the Woodwind evolves another tune, with considerable syncopation in it.

After a climax, there is a sudden hush, and then Strings, with Harps and Drums, give out a new rhythm, while the muted Brass announces the procession which the Composer imagines passing across the sky.

It departs in glory, and the opening theme is treated again, but only slightly, and so the piece gently dies away.

**Shepherd's Hey.**

**THE** Hey was a popular dance in the sixteenth century, and this *Shepherd's Hey* is a tune to which it was often danced by the countryfolk in the Midland shires. The late Cecil Sharp, the well-known collector of folk-music, found four variants of the tune still in use, and all these variants have been used by Percy Grainger in his orchestral version.

**Programmes for Thursday.**

(Continued from page 434.)

- 6.30 S.B. from London  
6.45 For Scouts: Rev. HAROLD EWBANK, Assistant District Commissioner, 'Scouts and Sport'  
7.0 'How Sheffield's City Departments Work'—VI: Superintendent T. BREAKS, Chief Officer of The Fire Department  
7.15-12.0 S.B. from London (9.10 Local News)

**6ST STOKE. 294 M.**

- 12.0-1.0 THE STATION QUARTET  
2.25 London Programme relayed from Daventry  
5.0 AFTERNOON TOPICS: Rev. F. IVES CATER, 'Some Staffordshire Customs'  
5.15 THE CHILDREN'S HOUR  
6.0 Light Music  
6.15 London Programme relayed from Daventry  
6.30 S.B. from London  
6.45 For Scouts  
7.0 Mr. A. J. HALL, 'Local Industrial Series—IX, Calico Printing'  
7.15-12.0 S.B. from London (9.10 Local News)

**5SX SWANSEA. 294 M.**

- 11.30-12.30 Gramophone Records  
2.25 London Programme relayed from Daventry  
4.0 CHLOE CURTIS-MORGAN (Entertainer); 'THE "EDGAR WILLIAMS" TRIO'  
5.15 THE CHILDREN'S HOUR  
6.0 Gramophone Records (Dance Music)  
6.15 London Programme relayed from Daventry  
6.30 S.B. from London  
7.0 Mr. W. N. MEDLICOTT, 'The Birth of Jugo-Slavia—The Jugo-Slavs During the Great War'  
7.15-12.0 S.B. from London (9.10 Local News)

**Northern Programmes.**

**5NO NEWCASTLE. 312.5 M.**

- 2.25-3.45—London Programme relayed from Daventry.  
4.0—Station Octet, Norah Wiggins (Soprano), 5.0—London Programme relayed from Daventry. 5.15—Children's Hour. 6.0—For Farmers: Mr. H. C. Pawson, 'The Manuring of Farms Crops.' 6.15—S.B. from London. 6.45—For Boy Scouts: News Bulletin—The Investiture of a Scout will take place in the studio. 7.0—Mr. Thomas Carter, 'Seen in Passing.' 7.15—S.B. from London. 10.30—Dance Music: Percy Bush's 'Eolian Band, relayed from the Oxford Galleries. 11.15-12.0—S.B. from London.

**5SC GLASGOW. 405.4 M.**

- 3.0—Dance Music relayed from the Pieradilly Dance Club. 3.20—Broadcast to Schools: Dr. J. P. MacHutchinson, 'Science in Everyday Life—Why the Sky is Blue.' 3.32—Mr. John Talman, 'English Literature.' Musical Items to Schools: Selection, 'Rigoletto' (Verdi), 4.0—Afternoon Topics, Michael Dick, 4.15—Afternoon Concert: Schubert and Schumann; Kenneth Birrell (Bass); The Wireless Quartet. 5.15—Children's Hour. 5.58—Weather Forecast for Farmers. 6.0—Popular Talk: Mr. John Kirkwood, 'Cereals.' 6.15—S.B. from Edinburgh. 6.20—Musical Interlude. 6.30—News. 6.45—Boy Scouts' Bulletin. 7.0—S.B. from Edinburgh. 7.15—S.B. from London. 10.30—Elsbeth Douglas-Reid, In Her Original Character Sketches. 10.45-12.0—S.B. from London.

**2BD ABERDEEN. 500 M.**

- 3.45—Afternoon Topics: Mrs. M. G. Cameron, 'Progress in the Poultry Yard—(IV) The Chick After Birth.' 4.0—Radio Dance Quartet, John S. Davison (Violin). 5.15—Children's Hour. 6.0—S.B. from Glasgow. 6.15—S.B. from Edinburgh. 6.20—S.B. from London. 6.45—Boy Scouts' Bulletin: Scoutmaster's Savidge on 'Money-Making Handicrafts.' 7.0—S.B. from Edinburgh. 7.15—S.B. from London. 7.45—S.B. from Dundee. 9.0-12.0—S.B. from London.

**2BE BELFAST. 306.1 M.**

- 3.0—Broadcast to Schools: Prof. Alan MacKinnon, 'How to Enjoy Reading.' 3.45—London Programme relayed from Daventry. 4.0—Station Orchestra, Marjorie Brown (Cello). 5.0—Afternoon Topics: Miss Florence Irwin, 'Cheese Dishes and Their Food Value.' 5.15—Children's Hour. 6.0—London Programme relayed from Daventry. 6.15—S.B. from London. 6.45—For Scouts. 7.0—Mr. Harry Douglas, 'Clear-Water Worm Fishing.' 7.15-12.0—S.B. from London.

# PROGRAMMES FOR FRIDAY (March 4)

**2LO LONDON. 361.4 M.**

(1.0 Time Signal, Big Ben)

1.0-2.0 Lunch-Time Music from the Hotel Metro-pole

3.15 Reading: 'Emma' Jane Austen

3.20 M. STÉPHAN: 'Elementary French'

3.45 CONCERTS FOR SCHOOL CHILDREN

Arranged by the PEOPLE'S CONCERT SOCIETY in Co-operation with the B.B.C.

Relayed from the Boro' Polytechnic

SEVENTH CONCERT OF FIFTH SERIES

WINIFRED KENNARD (Soprano); HERBERT SIMMONDS (Baritone); OLIVE BLOOM (Piano forte); BARBARA WATTS (Accompanist)

First Part

(Devoted to Music by Mozart: 1756-1791)

Baritone Songs:

Serenade ('Don Giovanni')  
Birdcatcher's Song ('The Magic Flute')

Soprano Songs:

I Remember Days Long De-parted ('Dove Song,' from 'The Marriage of Figaro')

Pianoforte:

Two Movements from Sonata, No. 12, in A  
Andante Grazioso, with Variations, 1, 3, 4 and 6; Minuet

Duets:

The Manly Heart ('The Magic Flute')  
Give Me Thy Hand ('Don Giovanni')

Second Part

Composed of miscellaneous items, the titles of which will be given by the Announcer.

4.45 Short Viola and Piano Recital by HARRY BERLY (Viola) and FRED HARTLEY (Piano)

First and Second Movements of Sonata for Viola and Piano  
Arnold Bax

Molto Moderato: Allegro energico

Slow Air ..... } W. Fred Hartley  
Chanson d'Été .....

5.15 THE CHILDREN'S HOUR: A Family Party

5.30 FRANK WESTFIELD'S ORCHESTRA from the Prince of Wales Playhouse, Lewisham

6.30 TIME SIGNAL, GREENWICH; WEATHER FORECAST, FIRST GENERAL NEWS BULLETIN

6.45 FRANK WESTFIELD'S ORCHESTRA (Continued)

7.0 MR. PERCY SCIOLES: Music Criticism

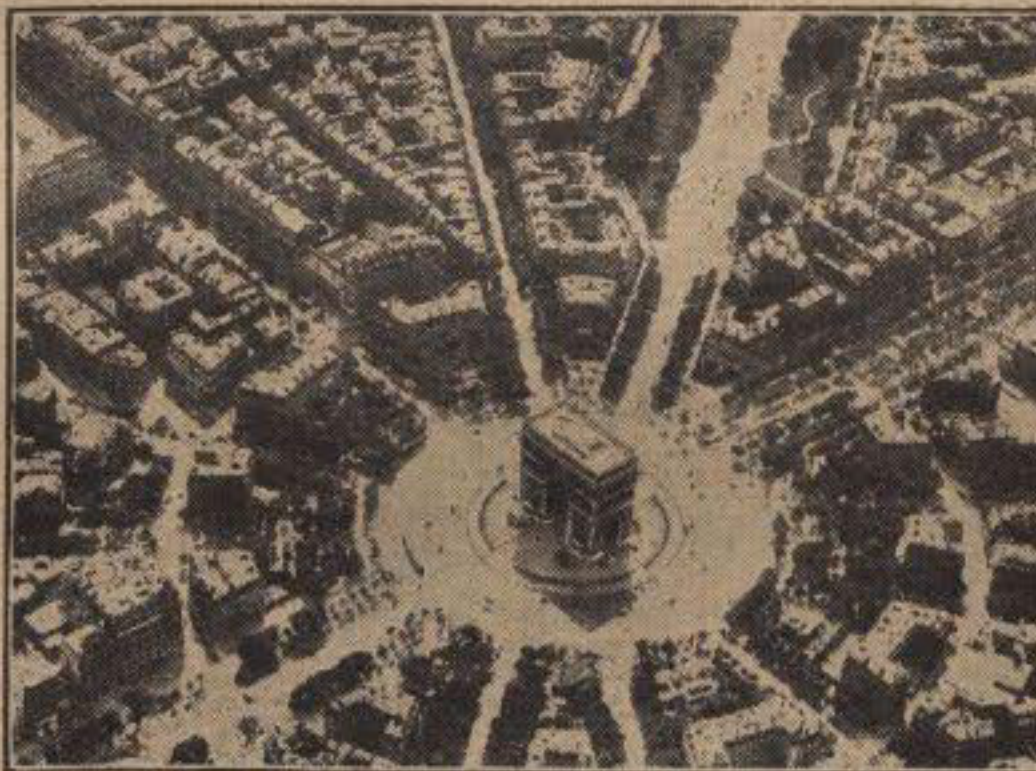
7.15 THE FOUNDATIONS OF MUSIC  
The Piano Sonatas of Mozart

7.25 Prof. C. E. REILLY: 'Some Modern Buildings—VI, The Town of To-day.' S.B. from Liverpool

To conclude his series of talks, Professor Reilly will discuss the general question of how far cities can control their development so as to preserve the aesthetic amenities, and how far this is in fact being done. Various British towns—notably Bath—have arranged to ensure that their growth shall not be merely sprawling, amorphous, and unsightly, but most of them did nothing to prevent the Victorian jerry-

builder from making their suburbs hideous, and very few designed their new accretions as a conscious whole. One of the most striking examples of town-planning on an heroic scale is, of course, the replanning of Paris by the Baron Haussmann, which was begun during the Second Empire. Although the work was interrupted by the Franco-Prussian War, and the Boulevard Haussmann itself was only completed this year, enough was done to make Paris the best-planned city in Europe. The photograph on this page gives some idea of Haussmann's achievement.

Listeners who have enjoyed Professor Reilly's talks may be interested to know that a series of articles by him on the same subject is now appearing in *The Reader*, the monthly magazine of the National Home-Reading Union, in collaboration with whom these talks were arranged. Full particulars and a free copy of *The Reader* may be obtained from the Secretary, 16, Russell Square, London, W.C.1.



THE BEST-PLANNED CITY IN EUROPE.

Professor Reilly will conclude his series of talks on architecture to-night by considering towns as a whole. [S.B. from Liverpool, 7.25.] This aerial picture shows a typical radial centre of modern Paris—the Place de l'Étoile, with the Arc de Triomphe in the centre, the Avenue des Champs-Élysées and the Boulevard Haussmann on the right, the Avenue du Bois de Boulogne on the left, at the bottom, and other straight avenues radiating out all round.

7.45

VARIETY

BETTY CHESTER

A GRADUATE with the highest honours from that fine school, 'The Co-Optimists,' Miss Betty Chester needs no further evidence that she can sing, dance and act. Since she left that talented company she has scored several more successes, notably in *Leap Year* at the London Hippodrome. At present she is playing in *My Son John*, at the Shaftesbury Theatre.

ALEC CHENTRENS

MR. ALEC CHENTRENS is the living embodiment of the Entente Cordiale. His Anglo-French humour has made him one of the most popular of broadcast entertainers. (Picture on Page 438.)

R. A. ROBERTS in 'DICK TURPIN'

Characters:

Jacob Sly (A Bow Street Runner)  
Soft Sally (The Innkeeper)  
Jerry Binks (A Yorkshire Farmer)  
Lady Maud Romander  
Dick Turpin

Every character in this sketch will be acted by the author, R. A. ROBERTS

Incidental Music by HERMAN FINCK

THIS is the sketch that has made Mr. R. A. Roberts famous as a Protean actor all over the world. There is no doubt that listeners

to-night will be equally impressed, for Mr. Roberts is no mere quick-change artist; his voice and his whole personality change with each part he assumes, and it will be hard to believe that he is really playing all the six characters who appear in this piece.

9.0 TIME SIGNAL, GREENWICH; WEATHER FORECAST, SECOND GENERAL NEWS BULLETIN; Local Announcements

9.15 Mr. FRANCIS HACKETT—'The Influence of America on England and the Influence of England on America.'

9.45-11.0 MY PROGRAMME  
by THE CHIEF ENGINEER

**5XX DAVENTRY. 1,600 M.**

10.30 a.m. Time Signal, Greenwich; Weather Forecast

11.0 TIME SIGNAL, BIG BEN. THE DAVENTRY QUARTET and JOAN EVERY LEGGATT (Soprano), HAROLD KELLEY (Baritone), BETTY HUNDY (Pianoforte)

12.30 ORGAN RECITAL

1.0-2.0 S.B. from London (1.0 Time Signal)

3.15 S.B. from London

7.25 S.B. from Liverpool

7.45 S.B. from London

9.10 Shipping Forecast

9.15 S.B. from London (10.0 Time Signal)

11.0 DANCE MUSIC: ALFREDO and his BAND and the NEW PRINCES BAND from the New Princess Restaurant

12.0-1.30 LEON VAN STRATEN'S DANCE BAND from the Riviera Club

**5IT 326.1 M. BIRMINGHAM.**

3.15 Lond'g Programme relayed from Daventry

4.45 AFTERNOON TOPICS: MARY DORMER HARRIS, 'Warwickshire Villages and Churches.' NORAH TARRANT (Contralto)

5.15 THE CHILDREN'S HOUR

6.0 HAROLD TURLEY'S ORCHESTRA, relayed from Prince's Café

6.30 S.B. from London

7.25 S.B. from Liverpool

7.45 S.B. from London (9.10 Local News)

9.45 A VARIED PROGRAMME

THE STATION ORCHESTRA  
Overture to a French Comedy ..... Kolar-Bela  
TOMMY HANDLEY and FLORENCE OLDHAM (Entertainers)

10.5 'FOR FRANCE'

An Episode of the Franco-Prussian War, by JOHN OSWALD FRANCIS

Cast:

Henri Loujanne (an Old Frenchman) HERBERT ROSS  
Marie (His Wife) ..... ELLEN MUNRO  
Louis (Loujanne's Nephew) .. ARTHUR BLANCH  
Hélène (Louis' Sweetheart) .. SHIRLAND QUIN  
Benler (a Prussian Sergeant) .... GEORGE IDE

# PROGRAMMES FOR FRIDAY (March 4)

THE poignant sorrows which assail the civil population of a country which is involved in a great war are vividly illustrated by the following play, founded upon an incident of the Franco-Prussian War of 1870-1.

## 10.30-11.0 ORCHESTRA

Valse, 'Temptation' ..... Ancliffe

CHRISTINE SILVER

In Moments Grave and Gay

ORCHESTRA

March of the Mannikins ..... Fletcher

## 6BM BOURNEMOUTH. 491.8 M.

8.15 London Programme relayed from Daventry

4.45 Mr. E. GEE NASH, 'Translations from Foreign Literature—VIII, Bout de Bibi—Major Six Stripes'

5.0 Musical Interlude

5.15 THE CHILDREN'S HOUR

5.0 ORCHESTRAL MUSIC relayed from the Grand Super Cinema, Westbourne. Directed by ISADORE GODOWSKY

6.30 S.B. from London

7.25 S.B. from Liverpool

7.45-11.0 S.B. from London (9.10 Local News)

## 5WA CARDIFF. 353 M.

8.15 London Programme relayed from Daventry

4.45 Mr. GEOFFREY WEST, 'Some Living English and American Parodists'

5.0 Pianoforte Recital

5.15 THE CHILDREN'S HOUR

5.0 ORGAN RECITAL by ARTHUR E. SIMS  
Relayed from the Central Hall, Newport.

6.30 S.B. from London

7.25 S.B. from Liverpool

7.45 S.B. from London (9.10 Local News)

## 9.45-11.0 THE RUSSIAN GENIUS

THE STATION ORCHESTRA

Overture to 'Russlan and Ludmilla' .. Glinka

MARIA MAROVA

Gypsy Songs

ORCHESTRA

Oriental Suite ..... Hinsky  
Danco of the Gnomes; Orgies of the Spirits

### 'THE PROPOSAL'

A Jest in One Act by ANTON TCHERKOV. Translated from the Russian by Constance Garnett

Played by the STATION RADIO PLAYERS

Characters:

Stepan Stepanovitch Tchubukov (a Landowner)

SIDNEY EVANS

Natalya Stepanovna (His Daughter, aged 25)

VERA ASHE

Ivan Vassilyevitch Lomov (a Neighbour of Tchubukov's, a healthy, well-nourished, but hypochondriacal Landowner) DONALD DAVIES

L OMOV, attired in evening dress, goes to the home of Tchubukov to propose to Natalya and stays to wrangle. Lomov enters the drawing-room, where Tchubukov greets him effusively.



### LONDON'S VARIETY TO-NIGHT.

Mr. Alec Chentrens, the Anglo-French entertainer, and Miss Betty Chester, the musical comedy and revue star. Both these artists appear on the Variety bill from London at 7.45.

ORCHESTRA

An Hour in a Russian Village (Gipsy Songs)

Artemiev

MARIA MAROVA

Gypsy Songs

ORCHESTRA

Two Pieces ..... Tchaikovsky

Nocturne; Little Waltz

Whirling Dervishes ..... Godowsky

## 2ZY MANCHESTER. 384.6 M

1.15-2.0 PIANOFORTE TRIO from the Piccadilly Picture Theatre

3.25 BROADCAST TO SCHOOLS: Mr. W. E. BURROWS—'Travel Pictures of the British Empire: India—VII, A City of Palaces—Hooghly'

3.45 FRANK KENWORTHY (Bass)

4.0 Music by THE STATION QUARTET

5.0 AFTERNOON TOPICS: Mr. E. H. BOYCE, 'A European Beauty Spot—Geneva'

5.15 THE CHILDREN'S HOUR

6.0 THE MAJESTIC 'CELEBRITY' ORCHESTRA from the Hotel Majestic, St. Anne's-on-the-Sea. Musical Director: GERALD W. BRIGHT

### 'ON TOUR' THIS WEEK.



This is Elspeth Douglas-Reid, Vaudeville's latest and most 'different' recruit. You have never come across anyone like this little artist—not unless you have by any chance heard Ruth Draper, the great American discuse. Miss Douglas-Reid recently scored a big success in South Africa with her 'one-man' character-study act. One critic wrote of her: 'She peoples the stage with imaginary characters so cleverly that they can almost be seen.' Tune in this week to your station and listen how she peoples the ether, too!

Monday, Cardiff; Tuesday, Belfast; Wednesday, Manchester; Thursday, Glasgow; Friday, Newcastle; Saturday, Birmingham.

6.30 S.B. from London

6.45 THE MAJESTIC 'CELEBRITY' ORCHESTRA (Continued)

7.0 S.B. from London

7.25 S.B. from Liverpool

7.45 S.B. from London (9.10 Local News)

9.15 'A TALE OF THE HEBRIDES'  
Specially Written for Broadcasting  
by D. G. Couzens

Cast:

The Skipper ..... WILLIAM MACREADY

Ian ..... IAN FLEMING

Donald ..... ERNEST G. COVE

Angus ..... J. HUBERT LESLIE

9.45-11.0 S.B. from London

## 6KH HULL. 294 M.

11.30-12.30 Gramophone Records

3.30 BROADCAST TO SCHOOLS: PHILIP CHIGNELL,  
Talk on Music

4.0 Afternoon Topics

4.15 FIELD'S QUARTET, relayed from the New Restaurant, King Edward Street

5.15 THE CHILDREN'S HOUR

6.0 London Programme relayed from Daventry

6.15 Mr. J. G. STEPHENS, Weekly Football Talk

6.30 S.B. from London

7.25 S.B. from Liverpool

7.45-11.0 S.B. from London (9.10 Local News)

## 2LS LEEDS-BRADFORD. 277.8 M. & 252.1 M.

11.30-12.30 FIELD'S CAFE ORCHESTRA, relayed from Field's Café, Commercial Street, Leeds

3.20 BROADCAST TO ELEMENTARY SCHOOLS: Mr. S. J. CURTIS, 'The Story of Our Language—IV, The Story of Some Interesting Words' (Continued)

4.0 BROADCAST TO SECONDARY SCHOOLS: Mr. HERBERT BARDGETT, 'Musical Appreciation—I, Musical Interpretation'

4.30 THE SCALA STRING QUINTET, relayed from the Scala Theatre, Leeds

5.0 Afternoon Topics

5.15 THE CHILDREN'S HOUR

6.0 London Programme relayed from Daventry

6.30 S.B. from London

7.25 S.B. from Liverpool

7.45-11.0 S.B. from London (9.10 Local News)

## 6LV LIVERPOOL. 297 M.

3.15-3.45 BROADCAST TO SCHOOLS: Prof. G. H. VEITCH, 'Britain in Ancient Times—II'

4.0 DOROTHY KENYON (Pianoforte)

4.15 THE STATION PIANOFORTE QUARTET

5.0 KATE LOVELL, 'March Winds'

5.15 THE CHILDREN'S HOUR

6.0 THE STATION PIANOFORTE QUARTET

# PROGRAMMES FOR FRIDAY (March 4)

6.30 *S.B. from London*  
 7.25 Prof. C. H. REILLY, 'Some Modern Buildings—The Town of To-Day'  
 (See Note in London Programme)  
 7.45 *S.B. from London*  
 9.0 WEATHER FORECAST, NEWS; Local News  
 9.15 *S.B. from Manchester*  
 9.45-11.0 *S.B. from London*

## 5NG NOTTINGHAM. 275.2 M.

11.0-12.30 Concert, relayed from Daventry  
 3.45 LYONS' CAFÉ ORCHESTRA, conducted by BRASSEY EYTON  
 4.45 Music and Afternoon Topics  
 5.15 THE CHILDREN'S HOUR  
 6.15 A Talk on Some New Books by 'A READER'  
 6.30 *S.B. from London*  
 7.25 *S.B. from Liverpool*  
 7.45-11.0 *S.B. from London (9.10 Local News)*

## 5PY PLYMOUTH. 400 M.

3.30 BROADCAST TO SCHOOLS: Mr. G. P. DYMOND, 'Stories of Exploration: The Rivers St. Lawrence and Mississippi'  
 4.0 Mr. A. C. STOCKWELL, 'Nature Notes'  
 4.15 TEA-TIME MUSIC: THE ROYAL HOTEL TRIO, directed by ALBERT FULLBROOK  
 5.15 THE CHILDREN'S HOUR  
 6.0 KITTY PRICE (Soprano)  
 6.30 *S.B. from London*  
 7.25 *S.B. from Liverpool*  
 7.45 *S.B. from London (9.10 Local News)*  
 9.15 DOROTHEA JOHNSTON  
 In a Recital of Red Indian Songs  
 9.45-11.0 *S.B. from London*

## 6FL SHEFFIELD. 272.7 M.

11.30-12.30 Gramophone Records  
 4.0 Afternoon Topics  
 4.15 AVIS BENN (Piano) and C. H. HALL (Reciter)  
 5.15 THE CHILDREN'S HOUR  
 6.0 Musical Interlude  
 6.10 'VIMVANI' (G. E. FLATT) 'Life in Zululand, Nhwaghagini'  
 6.30 *S.B. from London*  
 7.25 *S.B. from Liverpool*  
 7.45-11.0 *S.B. from London (9.10 Local News)*

## 6ST STOKE. 294 M.

3.20 BROADCAST TO SCHOOLS: Mr. J. R. B. MASEFIELD, 'Nature Talk'  
 3.45 London Programme, relayed from Daventry  
 5.0 LEON FORRESTER, 'Some Favourite Composers, with Illustrations at the Piano—V. Brahms'

5.15 THE CHILDREN'S HOUR  
 6.0 Light Music  
 6.30 *S.B. from London*  
 7.25 *S.B. from Liverpool*  
 7.45-11.0 *S.B. from London (9.10 Local News)*

## 5SX SWANSEA. 294 M.

3.20 BROADCAST TO SCHOOLS: Mr. IDWAL JONES, 'Famous Characters in English Literature—I, Abbot Samson'  
 3.45 London Programme, relayed from Daventry  
 5.0 Mr. D. REHYS PHILLIPS, 'Welsh Proverbs'  
 5.15 THE CHILDREN'S HOUR  
 6.0 Mr. T. D. JONES, 'My Piano and I'—a Short Lecture Recital  
 6.30 *S.B. from London*  
 7.25 *S.B. from Liverpool*  
 7.45-11.0 *S.B. from London (9.10 Local News)*

## Northern Programmes.

### 5NO NEWCASTLE. 312.5 M.

3.0:—Broadcast to Schools: Prof. J. L. MORISON. 3.15:—London Programme from Daventry. 5.0:—Miss Kidner, 'Food Values and Cooking. 5.15:—Children's Hour. 6.0:—Jennie Forster (Soprano). Will Knowles (Entertainer). 6.30:—S.B. from London. 7.25:—S.B. from Liverpool. 7.45:—S.B. from London. 9.15:—Ebbie and Tom Golightly (Vocal Duets). 9.30:—Elspeth Douglas-Reid, Original Character Sketches. 9.45-11.0:—S.B. from London.

### 5SC GLASGOW. 405.4 M.

11.30-12.30:—Gramophone Records. 3.0:—Dance Music from the Plaza. 3.29:—Broadcast to Schools: Mr. Mortimer Hatten. 3.32:—M. Albert le Grip, 'French' Musical Item to Schools: Andrew Bryson (Pianoforte). 3.55:—Pipe-Major Gray (Glasgow City Police Pipe Band). Alice Beckett (Contralto). 5.0:—Afternoon Topics by Hilda Ferris. 5.15:—Children's Hour. 5.58:—Weather Forecast for Farmers. 6.0:—Musical Interlude. 6.30:—S.B. from London. 7.25:—S.B. from Liverpool. 7.45-11.0:—S.B. from London.

### 2BD ABERDEEN. 500 M.

3.30:—Broadcast to Schools: Rev. A. Austin Foster. 3.45:—Station Octet. 4.0:—Miss Madeline Marot, 'Elementary French.' 4.15:—Station Octet. Toxic Raymond (Mzzo-Soprano). 5.15:—Children's Hour. 6.0:—Rev. Charles E. Forster, 'Scotland in the Making.' 6.15:—For Farmers by Mr. Don G. Munro. 6.25:—Agricultural Notes. 6.30:—S.B. from London. 6.45:—Mr. Peter Craighyle: Football Topics. 7.0:—S.B. from London. 7.25:—S.B. from Liverpool. 7.45-11.0:—S.B. from London.

### 2BE BELFAST. 306.1 M.

11.0-1.0:—Concert from Daventry. 3.0:—Broadcast to Schools: Prof. R. M. Henry. 3.30:—Claude de Ville (Pianoforte Recital Series). 3.45:—London Programme from Daventry. 4.45:—Gramophone Records. 5.0:—Miss Beatrice Leslie, 'Literary Studies. 5.15:—Children's Hour. 6.0:—London Programme from Daventry. 6.30:—S.B. from London. 7.25:—S.B. from Liverpool. 7.45-11.0:—S.B. from London.

## Off to India.

WHEN the *Ranchi* sails for India on March 4, it will take with it two of the new station directors of the Indian Broadcasting Company. Mr. C. C. N. Wallich, who has been appointed to Calcutta—the senior station directorship under the Company—joined the British Broadcasting Company in the early days as personal assistant to the first Director of Programmes, and has been in charge of the Plymouth Station for the past fifteen months. Mr. Leslie B. Page, who goes to Bombay, joined the B.B.C. four years ago, and was assistant to the London Station Director. He served later at Cardiff and at Bournemouth, and has been Station Director at Hull since the station opened in August, 1924.

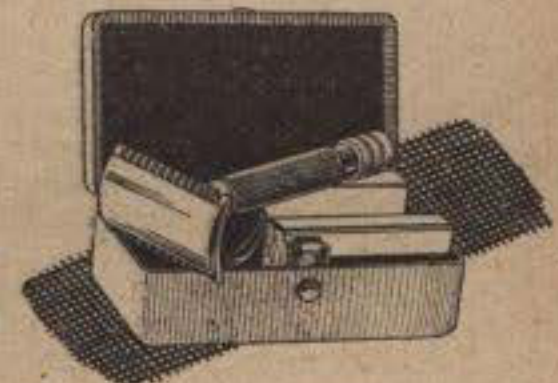


Every flagon of Burgoyne's Harvest Burgundy purchased goes to help the Empire. This is not an altruistic proposition, for Harvest Burgundy is of excellent quality and absolutely pure. Make Burgoyne's Harvest Burgundy the daily lunch and dinner wine in your home.

4/6 per Flagon 2/3 Half Flagon.  
 "Quality Wines of the Empire"

# Burgoyne's HARVEST BURGUNDY

## This Razor Set FREE



The proprietors of Wright's Coal Tar Soap will be pleased to send to any applicant upon receipt of 36 outside printed wrappers from tablets of Wright's Coal Tar Soap and 12 flaps from the boxes (bearing the words "Wright's Coal Tar Shaving Stick"), this handsome razor set, consisting of heavily nickel-plated case, safety razor, two nickel-cased razor blade containers with two Horton British Sheffield blades. The whole case is lined with purple plush and is really an exceptional gift.

When you have collected 36 outside wrappers and 12 flaps from the boxes, send them, together with your name and address (clearly written), addressed to Razor Sets, Dept. 65, Wright, Layman & Umney Ltd., Southwark, S.E.1.



## No more 'Lost' Chords

*Cossor Valves—with the wonderful new Kalenised Filament—bring you the superb technique of the living Artiste*

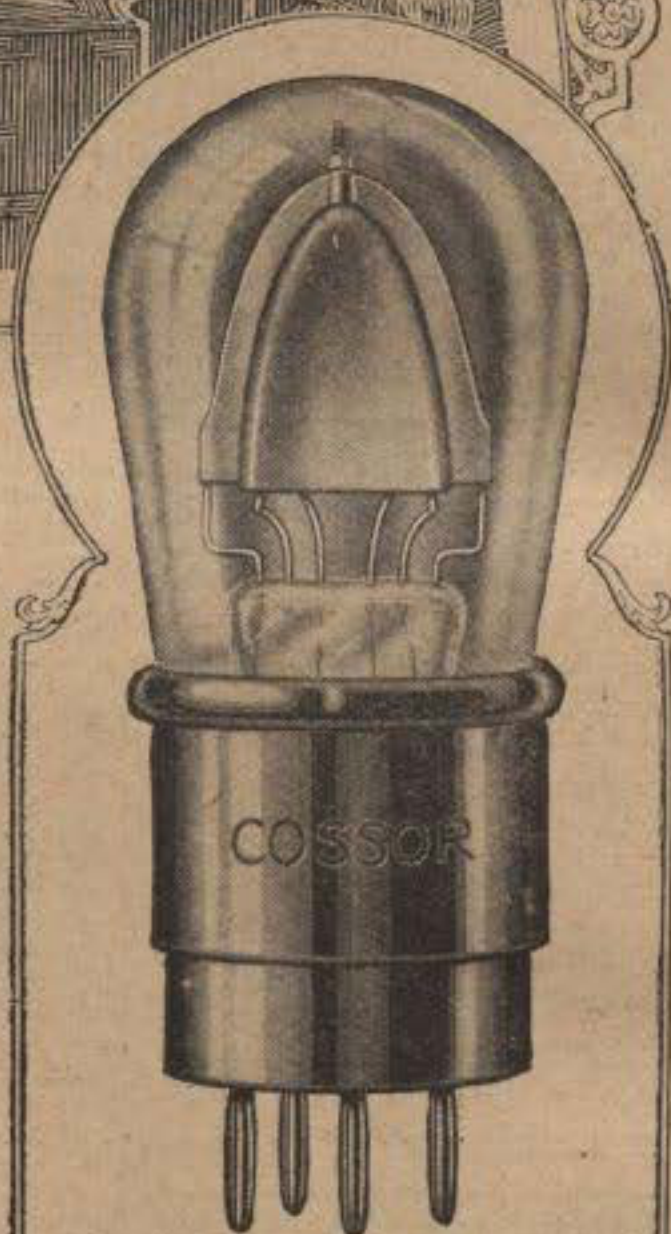
**Y**EAR by year the barriers to perfect Radio reproduction are being broken down. No longer can it be said that Broadcasting suffers from mechanical limitations. With the vast improvement in the design of Loud Speakers and the development of choke or resistance capacity amplification, Radio enters upon a new phase. Every note in the harmonic scale can now be reproduced with the living naturalness of the concert hall or the studio. There are no more 'lost' chords.

But this method of amplification demands a valve specially designed for the purpose—the wonderful new Cossor 2-volt R.C.

This new valve has an exceptionally high ampli-

fication factor of 40—higher than any other valve of similar type. Due to the prolific emission from its Kalenised filament and the patented method of construction which ensures a complete background of silence, the new Cossor R.C. valve will give you a richness of tone such as you have never heard before. From the deep fascinating rhythm of the lower octaves of the organ to the surprisingly sweet high notes of the violin. Every note is there, none is missing.

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### The new Cossor 2-volt R.C.

Consuming 1 amp. at 1.8 volts Impedance 70,000 ohms. Amplification factor 40 **14/-**

### Other Cossor Valves

#### For 2-volt Accumulators

210H.F. (Red Band) H.F. use **14/-**  
210D (Black Band) Detector **14/-**  
215P (Stentor Two) Power Valve **18/6**

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# PROGRAMMES FOR SATURDAY (March 5)

**2LO LONDON. 361.4 M.**

2.50-4.30 It is hoped between these times to give a 'Running Commentary' on an important London Association Football Match.  
(See Plan on page 442)

4.30 CONCERT

THE WIRELESS ORCHESTRA  
NELLIE KEIGHLEY (Contralto)  
BARRINGTON HOOPER (Tenor)

5.0 MME. DE WALMONT, 'Some Modern French Novels—V, Henri Bordeaux'

5.15 THE CHILDREN'S HOUR: Selections by the Daventry Quartet. 'Sing a Song of Sixpence' (a Play by Eleanor Denton, adapted from 'The Merry-Go-Round')

6.0 ORCHESTRAL CONCERT (Continued)

6.30 TIME SIGNAL, GREENWICH; WEATHER FORECAST, FIRST GENERAL NEWS BULLETIN

6.45 THE LONDON RADIO DANCE BAND, directed by SIDNEY FIRMAN.

7.0 Topical Talk

7.15 THE FOUNDATIONS OF MUSIC  
THE SONATAS OF MOZART

7.25 Major L. R. TOSSWILL: 'National Characteristics and the Calcutta Cup'

7.45 THE SATURDAY NIGHT REVUE  
(See Special Programme)

8.45 A Recital by  
MARK RAPHAEL (Baritone)  
Serenade ..... Schubert  
Wohin? (Whither?)  
Du bist wie eine Blume (Thou'rt Like a Flower) ... Schumann  
Ich grolle nicht (I murmur not) ... Schumann  
Botschaft (Message) ..... Brahms

SCHUBERT'S wonderful gift of melody found its most natural expression in his songs, of which he wrote over six hundred. He seemed to lay hold, with almost unerring insight and clear purpose, of the various types of emotion and thought in the poems he set, and to choose for each the perfectly appropriate musical expression.

The Serenade is one of the loveliest of all such tender greetings. The other Schubert song comes from the cycle entitled *The Fair Maid of the Mill*, settings of poems by Wilhelm Müller. A miller's apprentice goes off to see the world. *Whither?* is the question he puts to a brooklet beside which he takes his way. 'You will find your mill to turn, some day,' is his reflection, 'and I'll find my work waiting for me too.'

*Du bist wie eine Blume* is from the cycle *Myrthen (Myrtles)*, an offering to Schumann's betrothed. It is just a moment of sweet musing upon one who is pure and fair, whose beauty arouses sweet sadness in the heart.

*Ich grolle nicht* (from the cycle *Dichterliebe—The Poet's Love*) is the poet's lament. The loved one

is lost, and his heart is broken, but he will not murmur at the blow.

9.0 TIME SIGNAL, GREENWICH; WEATHER FORECAST, SECOND GENERAL NEWS BULLETIN; Local Announcements

9.15 Mr. JOHN NORTH: 'The Burglar'—a Short Story

9.30 THE J. H. SQUIRE CELESTE OCTET  
Cavalleria Rusticana ..... Muscagni  
JOHN GOSS and the CATHEDRAL MALE VOICE QUARTET

O good ale, thou art my darling arr. Peter Warlock  
Caleno Custure Me ..... arr. S. Taylor Harris  
I am a brisk and sprightly Lad ..... arr. Hullah

JOHN GOSS and QUARTET

Sociable Songs  
The Keeper ..... arr. Cecil Sharp  
The Three Ravens ..... arr. Kennedy Scott  
Lilliburlero ..... arr. Reginald Paul

OCTET

El Relicario (The Reliquary) ..... Padilla

10.30-12.0 DANCE MUSIC: THE SAVOY ORCHESTRAS, SAVOY HAVANA BAND, and the SYLVANS, from the Savoy Hotel, London

**5XX DAVENTRY. 1,600 M.**

10.30 a.m. Time Signal, Greenwich; Weather Forecast

2.30 S.B. from London

9.10 Shipping Forecast

9.15-12.0 S.B. from London (10.0 Time Signal)

**5IT 326.1 M. BIRMINGHAM**

2.50 app. London Programme relayed from Daventry

4.30 app. CHILDREN'S CONCERT, arranged by Mrs. L. WEBB

4.45 AFTERNOON TOPICS: DORIS RUSSELL RICHARDS. Readings from the Poetry of Shelley. Constance Parks (Soprano)

5.15 THE CHILDREN'S HOUR

6.0 LOZELS PICTURE HOUSE ORCHESTRA, conducted by PAUL RIMMER

6.30 S.B. from London

7.45 ELSPETH DOUGLAS-REID  
In Her Original Character Sketches

8.0 ORCHESTRAL CONCERT

Relayed from the BIRMINGHAM and MIDLAND INSTITUTE

The Programme is made up of Popular Items selected from Listeners' Letters, and will include some Community Singing.

THE STATION ORCHESTRA, conducted by JOSEPH LEWIS

Overture, 'Russlan and Ludmilla' ..... Glinka

COMMUNITY SINGING

NIGEL DALLAWAY (Pianoforte) and Orchestra

Capriccio ..... Mendelssohn

GLADYS WARD (Recital) and Orchestra

Bergliot (a Declamation with Orchestra) ..... Grieg

MIRANDA SUGDEN (Soprano) and Orchestra

Nymphs and Fauns ..... Bemberg

COMMUNITY SINGING

HAROLD CASEY (Baritone) and Orchestra

Aria, 'A Fowler Bold' ('The Magic Flute') ..... Mozart

ORCHESTRA

Flight of the Bumble Bee

Rimsky-Korsakov

Hornpipe (English Scenes)

Bantock

9.0-12.0 S.B. from London (9.10 Local News)

## 7.45 London and Daventry THE SATURDAY NIGHT REVUE

(Second Instalment)

Book and Lyrics written and the Revue produced

by

GRAHAM JOHN

The Cast includes:

GEOFFREY GWYTHYR	TOMMY HANDLEY
FLORENCE OLDHAM	NADINE MARCH
HENRY CAINE	GEORGE IDE
LILIAN HARRISON	BLANCHE TOMLIN
THE RADIO CHORUS	

Items from the following will be included:

Opening Chorus, 'Make it Saturday Night.' Introducing the Company—Duet, 'Start Caring'—The Big Snag, 'A Dip in the Post Bag'—Duet, 'Moonshine'—Trio, 'Don't Tell Mother'—Sketch, 'The Best Man'—Song, 'Tango Tune'—Sketch, 'The Last Laugh'—Dancing Song, 'Follow Me'—Song, 'Rolling Stone'—Sketch, 'A Thief in the Night'—Duet, 'The Whole Town's Talking'—Sketch, 'Spring in Aready'—Quartet, 'Be a Sport'—Talk, 'Fixing the Coop Oop'—Duet, 'When You and I Were Dancing'—Burlesque, 'The Missing Links'—Anthem, 'The More We are Together'—Finale, 'Make it Saturday Night.'

ORCHESTRA UNDER THE DIRECTION OF ERNEST LONGSTAFFE

OCTET

Liebesträum (Love's Dream) ..... List, arr. Sear  
Valse, 'Naples' ..... Scarperia

JOHN GOSS and QUARTET

Sociable Songs

Fire down below  
Stormalong ..... arr. S. Taylor Harris  
Hullabaloo-balay

OCTET

Perfume of the Past ..... Mayo  
Elfin Dance (for Four Violins) ..... Haydn Wood



Mr. John North, who reads a short story at 9.15



Major L. R. Tosswill gives another of his Rigger Talks at 7.25.



Mr. John Goss will be heard in the 9.30 concert

IN LONDON'S PROGRAMME TO-NIGHT.

# PROGRAMMES FOR SATURDAY (March 5)

## 6BM BOURNEMOUTH. 491.8 M.

11.15-12.15 MIDDAY MUSIC from Beale's Restaurant, Old Christchurch Road. Directed by GILBERT STACEY

2.50 app. London Programme relayed from Daventry

4.30 app. THE ROYAL BATH HOTEL DANCE BAND relayed from the King's Hall Rooms. Directed by ALEX WAINWRIGHT

5.0 London Programme relayed from Daventry

5.15 THE CHILDREN'S HOUR

6.0 THE WIRELESS TRIO: REGINALD S. MOUNT (Violin); THOMAS E. ILLINGWORTH (Cello); ARTHUR MARSTON (Pianoforte)  
Trio in G ..... W. J. Fenney

6.30 S.B. from London

7.45 VARIETY

THE STATION OCTET  
March, 'Hallo Girls' Finch  
Fantaisie, 'A Darkey's Dreamland' ... Bilgool

8.0 ROBERT STURDIVANT and GLADYS SEYMOUR  
Ban-Ban, Black Sheep  
Sterndale Bennett  
You and I ... C. Robinson

8.8 OCTET  
Entr'acte, 'The Dieky Bird Hop' ... Gourley

8.12 CYRIL CLENSY  
Impersonations of Famous Artists, Past and Present

8.20 OCTET  
Valse, 'Cupid's Dance' ... Gangl

8.30 ROBERT STURDIVANT and GLADYS SEYMOUR  
Oh! Miss Hannah  
The Flicker of the Firelight  
Crompton  
Sometime, Never Gallatly

8.38 OCTET  
Entr'acte, 'Cheero' Finch

8.42 CYRIL CLENSY  
Impersonations of Famous Artists, Past and Present

8.50 OCTET  
Bara Dance, 'Dusky Dinali' ..... Brockett

9.0-12.0 S.B. from London (9.10 Local News)

## 5WA CARDIFF. 353 M.

2.50-4.30 app. London Programme relayed from Daventry

5.0 Pianoforte Recital

5.15 THE CHILDREN'S HOUR

6.0 London Programme relayed from Daventry

6.30 S.B. from London

7.0 Mr. L. E. WILLIAMS: 'More Rugby and Soccer Snapshots'

7.15-12.0 S.B. from London (9.10 Local News)

## 2ZY MANCHESTER. 384.6 M.

2.30 BURNLEY v. BLACKBURN ROVERS  
A Framing Commentary on the Match by Mr. F. STACEY LINTOTT. - Relayed from the TURMOOR GROUND, BURNLEY  
COMMUNITY SINGING

4.45 app. Music by the STATION QUARTET

5.15 THE CHILDREN'S HOUR: Requests

6.0 Light Music

6.30 S.B. from London (9.10 Local News)

### 9.30 GEMS FROM LIGHT OPERAS

WINGATE'S TEMPERANCE PRIZE BAND  
Selection, 'Genevieve de Brabant' ... Offenbach

ELEANOR ASBALL (Soprano)  
Scenes That Are Brightest (Maritana) Wallace  
Alas, Those Chimes.....

BAND  
Selection, 'Maritana' ..... Wallace

ELEANOR ASBALL  
The voice Poco fa (A Voice Just Now) from 'The Barber of Seville' ..... Rossini

The Last Rose of Summer, from 'Martha' Floate

5.15 THE CHILDREN'S HOUR

6.0 HAYDN HUNT, Organ Recital relayed from the Town Hall, Leeds

Fantasia in C Minor ..... Hoyte  
Prayer and Cradle Song ..... Guilmaut  
Bells Across the Meadows ..... Kettelbey  
Cantilene Nuptiale ..... Dubois  
Triumphal March ..... Lemmens

6.30 S.B. from London

6.45 FOR FARMERS: Mr. S. W. CHEVELLY, 'The New System of Grassland Management'

7.0-12.0 S.B. from London (9.10 Local News)

## 6LV LIVERPOOL. 297 M.

2.50 app. London Programme relayed from Daventry

4.30 app. MONTAGUE'S SYMPHONICS, relayed from the Edinburgh Café Ballroom

5.0 AFTERNOON TOPICS: MANNIN CRANE, 'McGinty Catches a Hare'

5.15 THE CHILDREN'S HOUR

5.30 'THE GLORIOUS VENTURE'  
A Pirate Play by C. E. HODGES

Presented by EDWARD P. GENN

Cast:

Mary Mauston  
ELLA WOODS

Dick Haddon  
DONALD BRADFORD

Cuttiefish Jake J. P. LAMBE  
Six-Fathom Pete

EDWARD P. GENN  
Admiral Mauston

WALTER SHORE

The Scene is on board  
The Jolly Roger

6.0 MONTAGUE'S SYMPHONICS, relayed from the Edinburgh Café Ballroom

6.30-12.0 S.B. from London (9.10 Local News)

## 5NG NOTTINGHAM. 275.2 M.

11.30-12.30 Gramophone Records

2.50 app. London Programme relayed from Daventry

4.30 app. SAM G. ROSS and his BAND, relayed from the Palais de Danse

5.0 THE CHILDREN'S HOUR

6.15 MABEL HODGKINSON (Pianoforte)

6.30-12.0 S.B. from London (9.10 Local News)

## 5PY PLYMOUTH. 400 M.

11.0-12.0 GEORGE EAST and his QUARTET, relayed from Popham's Restaurant

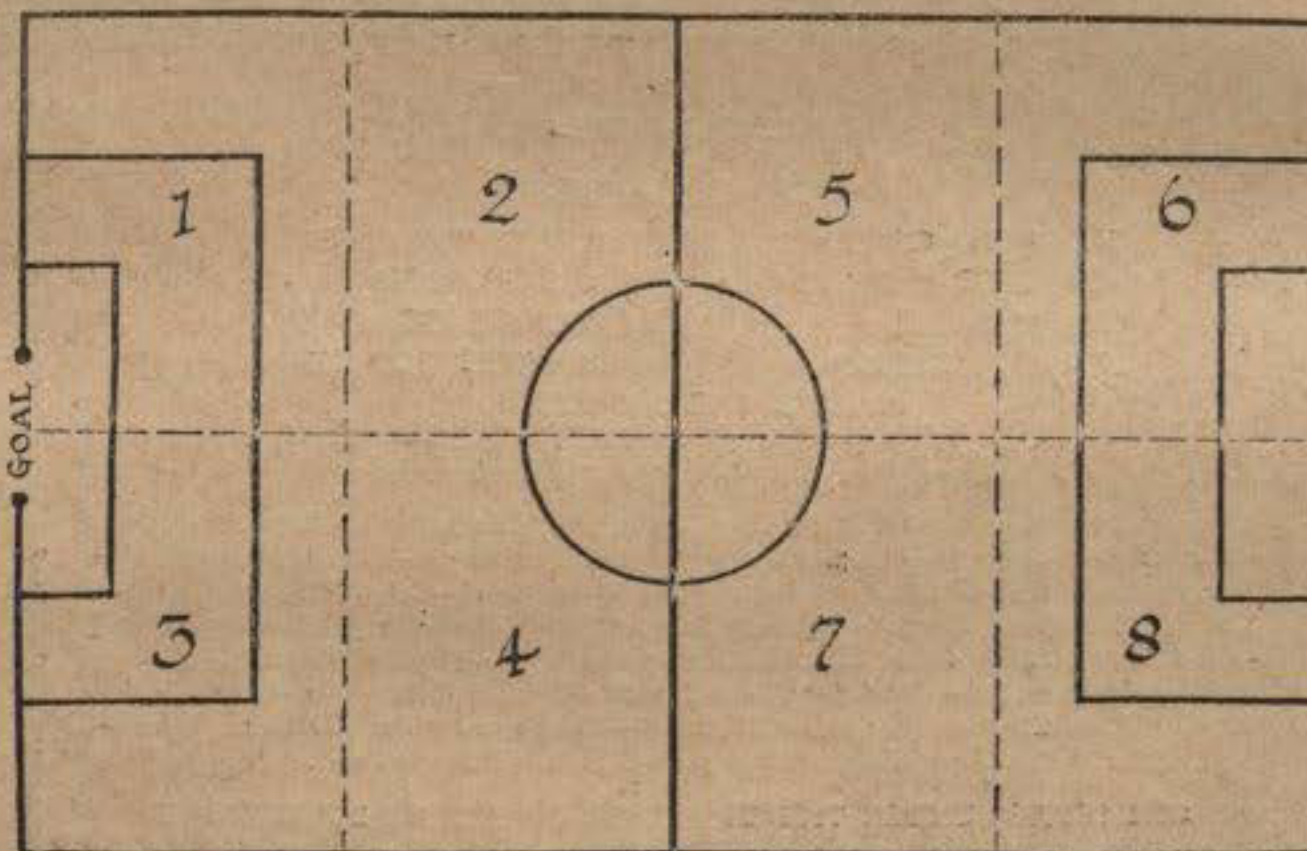
2.50 London Programme relayed from Daventry

4.30 app. AFTERNOON TOPICS: Lieut. Commander E. E. FROST-SMITH, B.N.R., 'More Maritime Reminiscences'

4.45 TEA-TIME MUSIC: THE ROYAL HOTEL TRIO, directed by ALBERT FULLBROOK

(Continued on page 444.)

### This Afternoon's Football.



#### THE PLAN YOU'LL NEED TO HAVE IN FRONT OF YOU.

This numbered plan, to which the Announcers will refer when describing this afternoon's Association matches, will be of great assistance to listeners in following the course of play.

BAND  
Selection, 'The Bohemian Girl' ..... Balje  
10.30-12.0 S.B. from London

## 6KH HULL. 294 M.

4.0 AFTERNOON TOPICS: M. A. R. HORSPOOL - XII, 'The Stage of Tomorrow'

4.15 FIELD'S QUARTET, relayed from the New Restaurant, King Edward Street

5.15 THE CHILDREN'S HOUR

6.0 London Programme relayed from Daventry

6.30-12.0 S.B. from London (9.10 Local News)

## 2LS LEEDS-BRADFORD. 277.8 M. & 252.1 M.

11.30-12.30 FIELD'S CAFE ORCHESTRA, relayed from Field's Café, Commercial Street, Leeds

4.0 THE TROCADERO DANCE BAND, relayed from the Trocadero Ballroom, Bradford

5.0 Afternoon Topics

Hints for Everyday Meals by the Bisto Chef.



### Gravy Making

"Let me tell you how to make delicious, rich, brown gravy that makes you feel hungry as soon as you see it. Cooking's my profession so I know. Smooth down a little Bisto with warm water, then add more water according to the amount of gravy required, and pour into the roasting-tin from which the fat has been poured off, stir continually and *don't forget to bring to the boil.* No flour, salt or browning is needed with Bisto."

# BISTO

for  
Making Gravy

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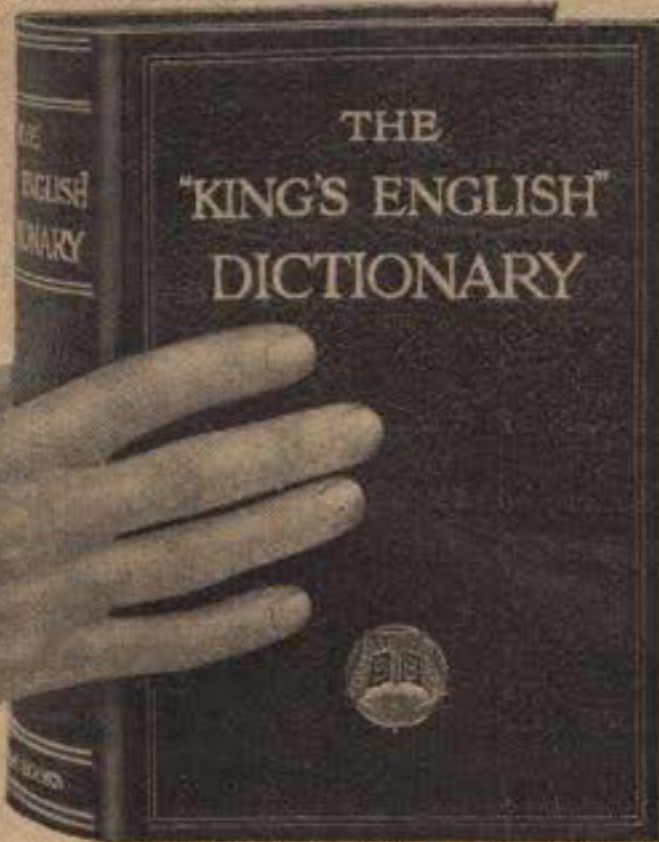
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DATE.....

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## RESULTS

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HOWARDS & SONS,  
LTD (EST. 1797)  
ILFORD, LONDON



# PROGRAMMES FOR SATURDAY (March 5)

(Continued from page 442.)

5.15	THE CHILDREN'S HOUR		
6.0	BILLY BARNES, Entertainer at the Piano		
6.30-12.0	S.B. from London (9.10 Local News)		
<b>6FL</b>	<b>SHEFFIELD.</b>	<b>272.7 M.</b>	
3.0	SHEFFIELD UNITED		
	TOTTENHAM HOTSPUR		
	Running Commentary on the Association 1st League Match, by Mr. WILLIAM HARROP. Relayed from Brainall Lane		
4.15 app.	ORCHESTRA, relayed from the Grand Hotel		
5.15	THE CHILDREN'S HOUR: 'William's Hobby,' from 'More William' (Richard Crompton)		
6.5	CHARLES ROYDE (Tenor) in a Programme of Popular Songs		
6.30-12.0	S.B. from London (9.10 Local News)		
<b>6ST</b>	<b>STOKE.</b>	<b>294 M.</b>	
2.50-4.30 app.	London Programme relayed from Daventry		
5.0	AFTERNOON TOPICS: MABEL FRANCE, 'The Joys and Sorrows of Spring Cleaning'		
5.15	THE CHILDREN'S HOUR		
6.0	Light Music		
6.30-12.0	S.B. from London (9.10 Local News)		
<b>5SX</b>	<b>SWANSEA.</b>	<b>294 M.</b>	
2.45	SWANSEA v. CARDIFF		
	A Running Commentary on the Rugby Football Match. Relayed from St. Helen's Ground, Swansea		
4.30 app.	London Programme relayed from Daventry		
5.15	THE CHILDREN'S HOUR		
6.0	T. D. JONES (Pianoforte)		
	Nocturne in F Minor, No. 15, Op. 55, No. 1	} Chopin	
	Waltz in B Minor (Posthumous)		
	Prelude and Fugue in E Flat, No. 31		} Bach
	Andante, 'The Rivulet'		
	La Regatta Veneziana	} Liszt	
6.30-12.0	S.B. from London (9.10 Local News)		

## Northern Programmes.

<b>5NO</b>	<b>NEWCASTLE.</b>	<b>312.5 M.</b>
	11.30:—Lambert Flack (Flute), Wyneth Auld (Soprano), 4.0:—Music from Tilley's Restaurant, 5.0:—London Programme relayed from Daventry, 5.15:—Children's Hour, 6.0:—Station Octet, 6.30:—S.B. from London, 7.25:—Mr. John Kemmit: Association Football, 7.45:—Test: The Station Octet, Silvio Spili (Baritone), 8.45:—'After the Trip,' A Tyehside Comedy by E. A. Bryn, Played by The Station Repertory Company, 9.0:—S.B. from London, 9.30:—Station Octet, Dance Music, 9.40:—Jack Mackintosh (Cornet), Frank Charlton (Entertainer), 10.0:—Octet, Dance Music, 10.10:—Jack Mackintosh, 10.20:—Frank Charlton, 10.30:—Dance Music, Tilley's Dance Band, relayed from the Grand Assembly Rooms, 11.15-12.0:—S.B. from London.	
<b>5SC</b>	<b>GLASGOW.</b>	<b>405.4 M.</b>
	3.0:—Jeffries' Orchestra relayed from the Locarno Dance Salon, 5.0:—Afternoon Topics, 5.15:—Children's Hour, 5.58:—Weather Forecast for Farmers, 6.0:—Musical Interlude, 6.30:—S.B. from London, 7.45:—Ben Lawes, In Humorous Sketches and Chorus Songs, Miriam Ferris, In Character Studies and Song Impressions, Glasgow (English) Concertina Band, 9.0:—S.B. from London, 9.30:—Station Orchestra, Three Viennese Waltzes, 10.5:—Popular Pantomime Songs, Bert Sykes (Baritone), Station Orchestra, 10.30:—Dance Music, Jeffries' Orchestra, relayed from the Locarno Dance Salon, 11.15-12.0:—S.B. from London.	
<b>2BD</b>	<b>ABERDEEN.</b>	<b>500 M.</b>
	3.45:—Mrs. Dorothy Medd, 'The Origin of Some Everyday Customs,' 4.0:—Station Octet, James Sharp (Tenor), 5.15:—Children's Hour, 6.0:—Station Octet, 6.30:—S.B. from London, 7.45:—Scottish Concert, Station Octet, Edith Barclay (Soprano), 8.2:—George and Willie, A Few Chestnuts, 8.12:—Elder Cunningham (Bass-Baritone), 8.20:—Octet, Edith Barclay, George and Willie, A Few More Chestnuts, 8.42:—Elder Cunningham, 8.50:—Octet, 9.0:—News, 9.15-12.0:—S.B. from London.	
<b>2BE</b>	<b>BELFAST.</b>	<b>305.1 M.</b>
	3.0-4.45 app.:—Association: Northern Ireland v. Free State, from Windsor Park, Belfast, 5.0:—Capt. T. O. Corrin, 'The Music of Other Lands' (5), 5.15:—Children's Hour, 6.0:—London Programme relayed from Daventry, 6.30:—S.B. from London, 7.30:—Rt. Hon. J. Milne Barrbour, M.P., Minister of Commerce for Northern Ireland: 'Electrical Development in Ulster,' Relayed from the Annual Dinner of the North of Ireland section of the Electrical Power Engineers' Association in Thompson's Restaurant, Donegill Place, Belfast, 7.45:—Public Concert, (Symphony and Variety,) Relayed from the Wellington Hall, Belfast (The City Y.M.C.A.), Station Symphony Orchestra, conducted by E. Godfrey Brown; William Primrose (Violin); Albert Taylor (Baritone), 9.0:—News, 9.15:—Variety: Concertino, Op. 107, for Flute and Orchestra (Chaminade), (Soloist: Harry Dyson), 9.24:—Sevelli and Wheldon (Entertainers at the Piano), 9.36:—Orchestra: Bourrée and Gigue (Much Ado About Nothing) (E. German), 9.42:—Albert Taylor: Hero in the Quiet Hills (Carne); Mally-O (Howells); The Crown of the Year (Songs of Open Country) (E. Martin), 9.52:—William Primrose (Violin); Solos: Aria from Overture in D (Bach); Deutschen Tänze (Mozart); Arietta (Handel-Harty); Gavotte in E from 2nd Partita (Bach), 10.5:—Sevelli and Wheldon, 10.17:—Orchestra: Romanian Rhapsody in A Major, Op. 11 (Enesco), 10.30-12.0:—S.B. from London.	

## St. David for Wales.

(Continued from page 425.)

site, which was named Ty Gwyn. When the young man was fully grown he went into Gower, establishing churches in all the land between the Tawu and the Towy.

From there he went back to Dyfed, and established his monastery at Glyn Rhosyn, in the place now known by his name as St. David's.

There are traditions of his life at the monastery and the strictness of his rule, and these ring true. One story which has reached us tells of a conspiracy between three of his monks to poison him. They were the steward, the cook and his deacon or assistant.

A visitor from Ireland, a monk named Scuthen, was staying at Glyn Rhosyn at the time, and he suspected the plot, which was to poison the Abbot's bread. David, all unsuspecting, sat down at the table, when Scuthen exclaimed: 'To-day none of the brethren shall wait on the Father but myself.'

The deacon turned pale and trembled as Scuthen took up the bread and gave it to a house dog.

At the same moment a crow flew down from an ash tree close by and picked up the crumbs.

Whilst the conspirators and the other monks stood looking on, the dog and then the bird fell dead. Upon which the brethren rose and cursed the offenders, praying that they should forfeit their place in Heaven.

Sometime in the middle of his life David was compelled by the violence of the yellow plague to fly over the sea to Armorica. He probably stayed there from 547 till 551, and this accounts for the many churches in Brittany which are dedicated to the Welsh saint.

After his return to Wales he seems to have made his series of journeys, his preaching tours, from Cardigan Bay across to the banks of the Wye, which is probably the reason why we have so many churches.

He was famous for his great sayings, and one of these at least has come down to us in the motto, *Goreu defawd daioni*, which in English would read, 'Goodness is the best custom.'

We have a relic of his stay in Gwent, where the little church near Caerlwn, called Llandewi fach, was granted to the Saint and dedicated to him after he had settled a long-standing dispute between the neighbouring chiefs.

The old man, full of years, was greatest in his death, for the story goes that on the Sunday, though he was even then dying, he preached to his people in the church which is now the cathedral of St. David's. On the following Tuesday, being the first of March, he was again in the church, and as he listened to the brethren singing the Psalms, he suddenly repeated the words, 'Tolle me post Te' ('Raise me after Thee'), and so passed away.

After his death his body was placed in a rich shrine in the church, and though at one time the portable shrine was removed to Glastonbury, it was brought back again to be an object of veneration to generations of pilgrims.

Many of the kings of England in the Norman time made the pilgrimage to the shrine of St. David.

In honour of the Saint the place was named with his name, and he was accepted by the people of Wales as their patron saint.

Here, then, is the rough framework of his life, a life spent in leading the wild tribesmen of Wales into the paths of holy peace, in a very dark period of history.

Of the miracles wrought at his shrine I will say nothing, for I can only see the greater miracle of a true man of God in a wild and bloody age. And he has become the rallying point for men of all creeds in Wales, because even in this crude narrative you cannot fail to see that he loved his country, and worked for the healing and the cleansing of the nation.

J. KYRSE FLETCHER.

## FOR LISTENERS TO OPERA BROADCAST.

On March 22 we are broadcasting the eighth of our series of Opera for which libretti are being published. Beethoven's only Opera 'FIDELIO' has been chosen, and forms part of our Beethoven Centenary Broadcast Week. The advantages of having the book of words in front of you when listening to the opera are now appreciated by 100,000 listeners, and those who have not yet sent for a copy of this libretto, or are not on our list of regular subscribers, are advised to make immediate application on the form below. The price of the booklet is 2d. post free.

Please send me  
stamps value

copy (copies) of the libretto of 'FIDELIO,' in payment I enclose  
at the rate of 2d. per copy.

PLEASE WRITE IN BLOCK LETTERS.

NAME .....

ADDRESS .....

Applications must be marked 'Libretti' on the envelope, and sent, together with the remittance, to Broadcast Opera Subscription List, c/o B.B.C., Savoy Hill, London, W.C.2.

Additional names and addresses may be written on a separate sheet of paper, but payment for these must, of course, be sent with the order.

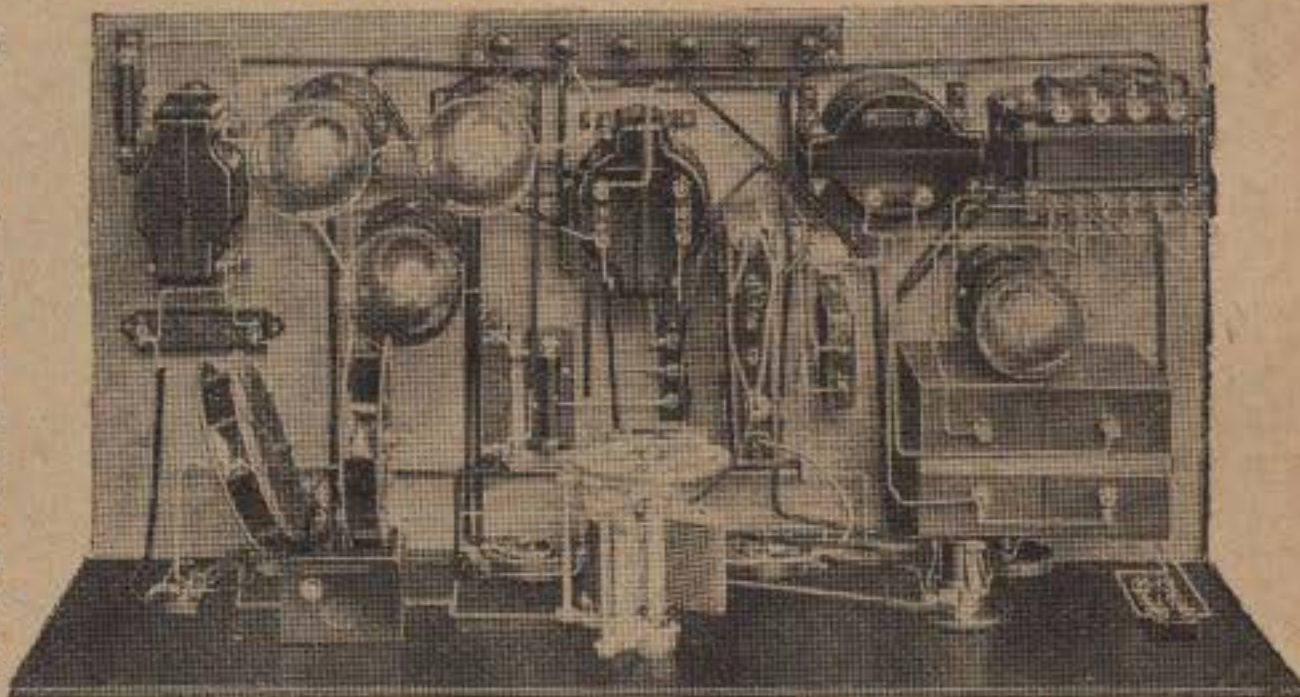
The Operas which have already been broadcast are 'Rigoletto,' 'The Bohemian Girl,' 'Faust,' 'The Barber of Seville,' 'Martha,' 'The Red Pen,' and 'Orpheus,' and copies of these may also be had on application at the same price, i.e., 2d. per copy.

# WIRELESS WITHOUT BATTERIES

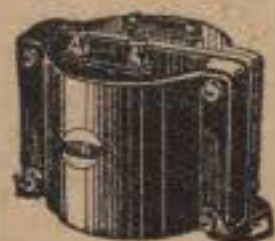
FULL INSTRUCTIONS FOR MAKING

## THE K.1 3-VALVE RECEIVER

which works direct from A.C. Mains through an electric light socket *without H.T. Batteries or Accumulators*. Send coupon, accompanied by 6d. in stamps, for book containing clear information together with full sized wiring plan showing how to build this unique and efficient receiver from



# Marconiphone and STERLING Radio Components



MARCONIPHONE POWER CHOKES For High Tension Supply Circuits. Price 25/-.



MARCONIPHONE POWER TRANSFORMERS For use with indirectly heated cathode valves. Type "C" 200-240 volts supply, and type "D" for 100-120 volts. 37/6 each.



STERLING "MINILOSS" SQUARE LAW CONDENSERS in three capacities:—  
·00025 mfd. .. 14/-  
·0005 mfd. .. 15/-  
·001 mfd. .. 16/-

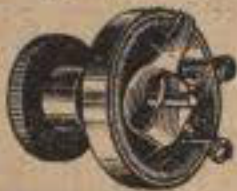


PRICE 30/-

MARCONI K.L.1 VALVE WITH INDIRECTLY HEATED CATHODE. OPERATES FROM A.C. ELECTRIC LIGHT MAINS.



MARCONIPHONE Grid Leak .. 1/3  
Mounts and clips 1/3



MARCONIPHONE Filament Resistance 5/3



STERLING Fixed Condensers, ·001 to ·00025 mfd. 2/6



STERLING Mansbridge Condensers ·01 to 10 mfd. .. 2/6 to 22/-



MARCONIPHONE 2 & 3-valve switch 3/6



ANTIPHONIC Valve Holder 2/9

**T**HIS highly efficient broadcast receiver, operated entirely from the house electric supply, can be easily constructed from *Marconiphone and Sterling* components, in combination with Type K.L.1 Marconi Valves.

This set not only eliminates the trouble and expense of accumulators and H.T. Batteries; it is also remarkably economical in running costs.

Compare these figures; a good three-valve set giving a performance equal to that of the K.1 consumes 15 milliamperes of H.T. current, and exhausts the largest type of 120-volt battery in three months. Such batteries cost at least 30s., so that renewals amount to £6 a year. Add the yearly expenditure on low tension—over £3—and the total running cost exceeds £9.

On the other hand, the maximum consumption of the K.1 set is approximately 50 watts and the set will run for 20 hours per unit of electricity. If it is used for three to four hours each day throughout the year, the annual consumption of current is approximately 73 units, which at an average cost of 5d. per unit brings the running expenses to £1 10s. per annum. If a power supply is available this figure may be reduced to as low as 6s. per year, or less than the license fee itself.

THE MARCONIPHONE CO. LTD.

Sole Agents for  
*Sterling Telephone & Electric Co., Ltd.*  
Head Office:  
210-212 Tottenham Court Road, W.1  
Regd. Office:  
Marconi House, Strand, W.C.2

To  
THE  
MARCONIPHONE  
COMPANY LIMITED,  
210-212 Tottenham Court  
Road, London, W.1.

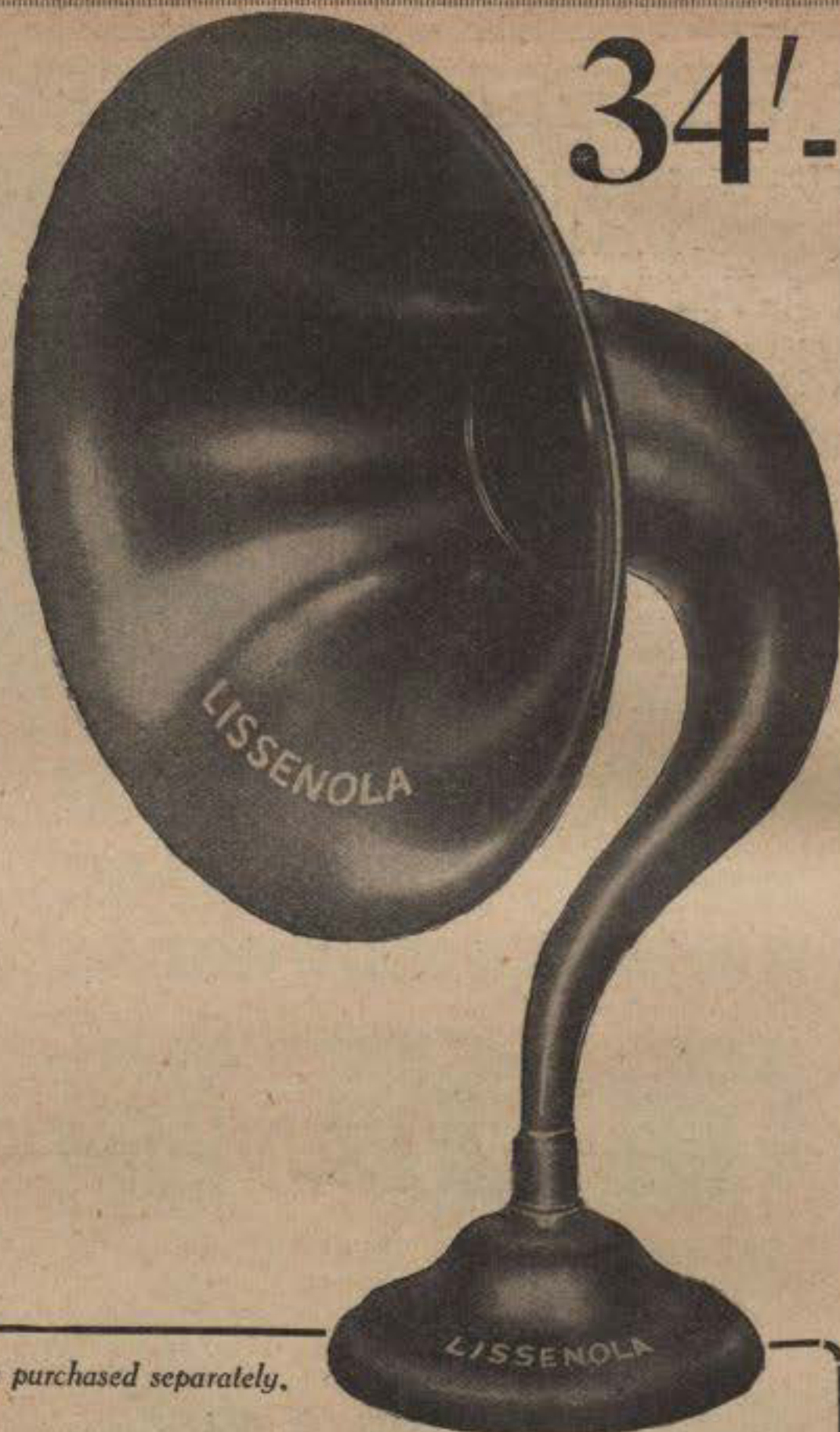
Please send copy of K.1 Constructional book with full size wiring plan. 6d. stamps enclosed.

Name.....

Address.....

REGULAR RADIO DEALER.....

full-sized—  
full-toned—  
full-powered!



THE LISSENOLA is the only full-size, full-powered Loud Speaker selling to-day complete for 34/-. In tone and volume it is unsurpassed by any loud speaker costing up to £20. It is very handsome in appearance and stands 21 1/4 ins. high, having a flare measuring 14 ins.

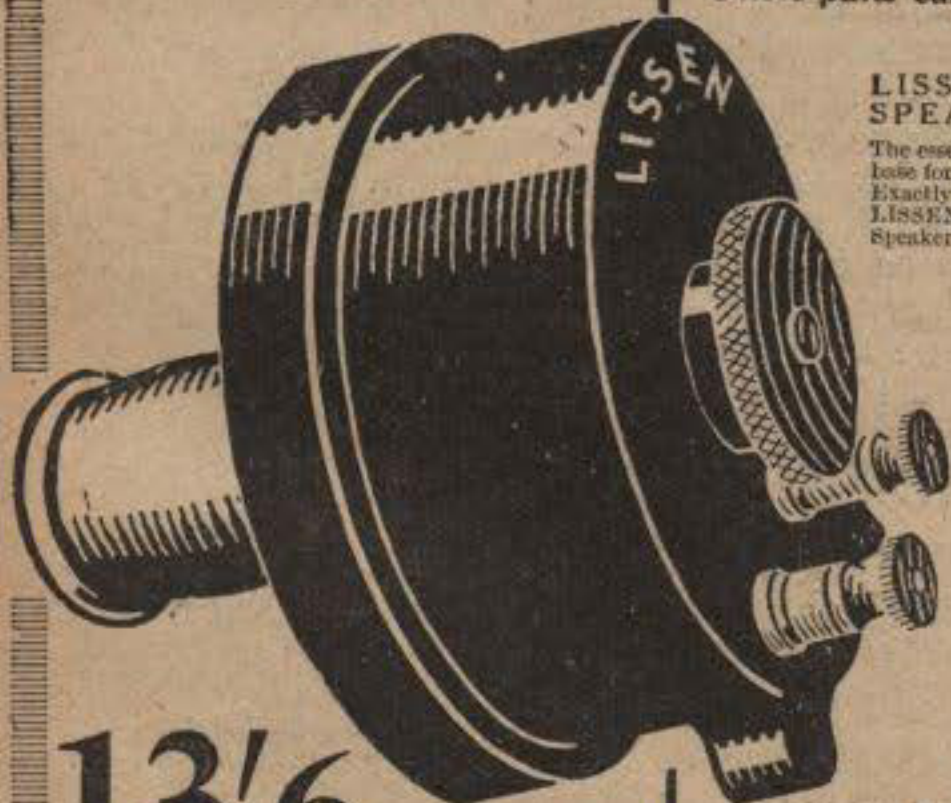
The sound-reproducing unit of this remarkable loud speaker is the LISSENOLA Loud Speaking Unit, whose golden tones and realistic rendering have delighted tens of thousands. No other unit has such splendid magnets. No other unit has such a clean design or embodies such fine manufacture. No other unit will stand up to the power the LISSENOLA will—220 volts and more can be used without the least dithering or resonating.

LISSEN is only able to sell the LISSENOLA at the unheard-of price of 34/- by dealing direct with the retailer (so eliminating wholesalers' profits) and concentrating on the production of this one type.

7 DAYS' FREE TEST.

Test the LISSENOLA Loud Speaker against the most expensive loud speaker you can find—anything up to £20. If you do not definitely prefer the LISSENOLA for tone-purity and power to any loud speaker you test it against, irrespective of price, take it back to your dealer or send it back to the manufacturers and your money will be willingly refunded in full. This offer also applies to the LISSENOLA Loud Speaking Unit.

These parts can be purchased separately.



13'6

LISSENOLA LOUD SPEAKING UNIT

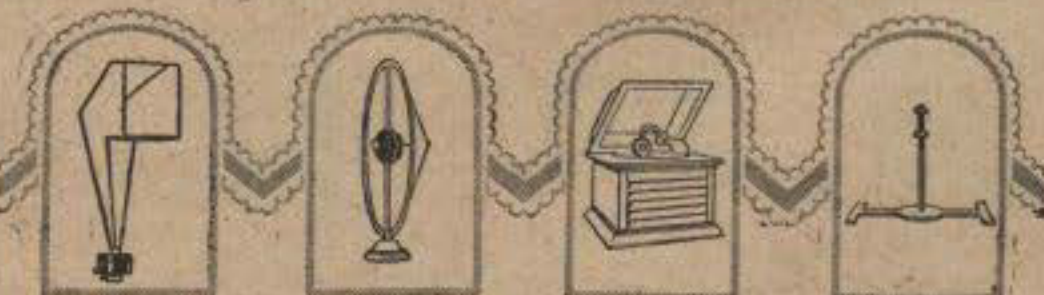
The essential sound-reproducing base for any type of loud speaker. Exactly as embodied in the LISSENOLA Loud Speaker..... 13/6

LISSENOLA UPRIGHT HORN

Big and powerful with 14in. flare. Exactly the same as the horn of the LISSENOLA Loud Speaker. 17/6 Illustrated above..

LISSENOLA STAND

The base of the LISSENOLA Loud Speaker illustrated above. For those who already have a LISSENOLA Loud Speaking Unit and a LISSENOLA Home-built Horn or 3/- the LISSENOLA Horn ....



Full directions and full sized patterns for making this horn for a few pence are given with every LISSENOLA Loud-Speaking Unit.

A cone diaphragm Loud Speaker can easily be constructed. The illustration shows one method of mounting.

The 'LISSENOLA' Loud Speaking Unit instantly converts any gramophone into a loud speaker.

The 'LISSENOLA' Reed Attachment (pat. pending) for use with cone diaphragm loud speaker. Price 1/-.

LISSEN LTD., 300-320, FRIARS LANE, RICHMOND, SURREY.

Managing Director—THOMAS N. COLE.

L.256.

# WHEREVER RADIO PARTS ARE WANTED —USE LISSEN—

**N**O matter what may be mentioned or used in any circuit of any booklet or periodical you may be building from, remember that the best parts have not necessarily been used. There are many advertising manufacturers—all expect a share in the use and mention of their products, and they usually get it. LISSEN gets a share, too, but obviously it is not possible for the periodical to use all one maker's parts, although they may be known to be the best. Remind yourself of that when building—remember, too, that the best parts are LISSEN, and that if you build with them you will use all the energy available, and get louder, clearer signals from near and far in consequence.

## FACTS OF IMPORTANCE ABOUT LISSEN PARTS—

### LISSEN FIXED CONDENSERS.



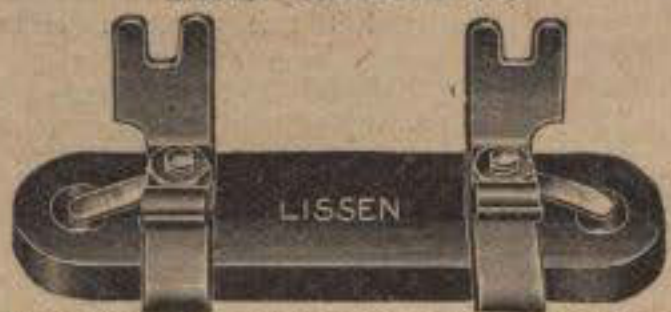
Fixed condensers should be leak-proof, and if they are LISSEN, which DELIVER ALL THEIR STORED UP ENERGY ALL THE TIME, nothing is lost. Note the case in the LISSEN condenser, how it can be clipped into the LISSEN COMBINATOR in resistance circuits, how it can easily be used upright or flat. Then the price of LISSEN FIXED CONDENSERS is half what it was a year ago. The plates are properly laid in a LISSEN—they are homogeneous with each other, and cannot move or come apart.  
Capacities .0001 to .001, 1/- each (much reduced).  
Capacities .002 to .006, 1/6 each (much reduced).  
DEMAND LISSEN FIXED CONDENSERS.

### LISSEN FIXED GRID LEAKS.



They do not alter—they are perfectly silent. You can put a LISSEN half-megohm leak in circuit direct on to a 220-volt supply and leave it on indefinitely—it will not alter. It can then be put straight into a critical radio circuit—it will be absolutely silent. LISSEN grid leaks have been further tested by exposure to rain and sun on the roof of the LISSEN factory. They never altered, never varied. Patented.  
All resistances—Previously 1/3, NOW 1/- each.

### LISSEN COMBINATOR.



Into it fixed condensers and resistances can be clipped in a moment and a complete resistance capacity unit quickly formed. Useful for mounting condenser and grid leak in the ordinary way without soldering, although soldering tags are also provided. Price 1/-.



### LISSEN VALVE HOLDER

Has both low losses and also low capacity, twin virtues found in few valve holders. Sent out ready for baseboard mounting, but can also be used for panel mounting by bending springs straight.  
Patented, previously 1/8, NOW 1/- each.

### LISSEN SWITCHES.



There is one for every switching need in radio. Designed for radio work where currents are small—they will not waste current. They fit easily—take up little room, LISSEN ONE HOLE FIXING, OF COURSE.

	Previously	NOW
LISSEN 2-way	2/9	1/6
LISSEN Series-parallel	3/9	2/6
LISSEN Double Pole		
Double Throw	4/-	2/6
LISSEN Key Switch	2/6	1/6



### HOW TO MAKE H.T. BATTERIES LAST LONGER.



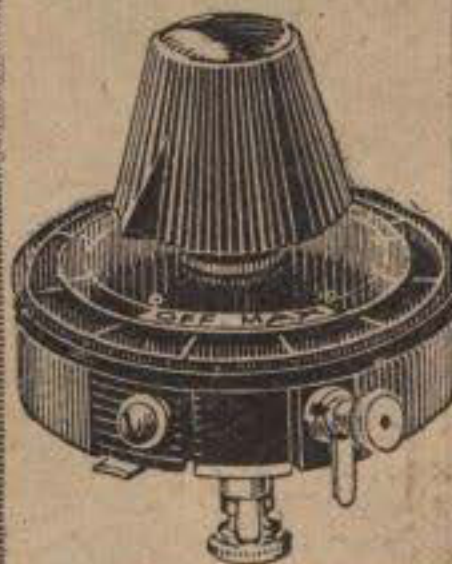
Every ordinary H.T. battery can be made to yield more energy if a LISSEN 2 mfd. (or 1 mfd., but the larger capacity is the better) is put across it. It will absorb all the noises when the battery gets old. Your dealer will be pleased to show you how to connect it easily.

LISSEN (Mansbridge type) Condenser

2 mfd.	4/8	1 mfd.	3/10
.01	2/4	1	2/5
.025	2/4	.25	2/-
.05	2/4	.5	3/4

Specially moulded case makes it impossible for the condenser to short circuit on to case—a feature exclusive to LISSEN.

### BASEBOARD RHEOSTATS Reduced from 1/6 to 2/6



To popularise baseboard mounting resistors, LISSEN has now just reduced the price. Baseboard type are without knob, dial and pointer, which are not needed for baseboard.

	Previously	NOW
Prices 7 ohms	2/6	1/6
35 ohms	2/6	1/6
400 Potentiometer	2/6	1/6

### QUALITY RHEOSTATS FOR PANEL MOUNTING — previously 4/- NOW 2/6.

LISSEN quality—look how they are made, and note the irresistible appeal of price.

	Previously	NOW
LISSEN 7 ohms, patented	4/-	2/6
LISSEN 35 ohms, patented	4/-	2/6
LISSEN DUAL, patented	6/-	4/6
LISSEN Potentiometer, patented	4/6	2/6
LISSEN ONE HOLE FIXING, OF COURSE.		

USE ANY CIRCUIT BUT ONLY LISSEN PARTS, NO MATTER WHAT ELSE MAY BE NAMED, and you will gain in volume and eliminate distortion. LISSEN PARTS—WELL THOUGHT OUT, THEN WELL MADE.

LISSEN LIMITED, 300-320, FRIARS LANE, RICHMOND, SURREY.

Managing Director: THOMAS N. COLE.

# THE THRILL OF DISTANCE MEANS MORE THAN GOOD PARTS—it means *LISSEN* parts

By using the right parts you can take care of the energy picked up by your aerial—you cannot afford to lose any of this minute energy—guard it against loss at every point of the path along which it travels—only too easily will it leak away—the thrill of distance means more than good parts—it means *LISSEN* parts.



Make your  
tuning  
razor-sharp

With Lissenstat control your valve is made sensitive to a touch—responsive to every fractional turn of a knob. Electronic emission—that vital force in the correct working of a valve—is accurately controlled. You open the way to fine detection—signals from farther away are brought in—stronger, sharper than ever before—through a background of dead silence.

Let the "Lissenstat" play its part in your search for distant stations—put an edge on your tuning that will add valuable range to your receiver.



Sold in three models:  
Lissenstat Major, 7/6  
Lissenstat Minor, 3/6  
Lissenstat Universal, 10/6.

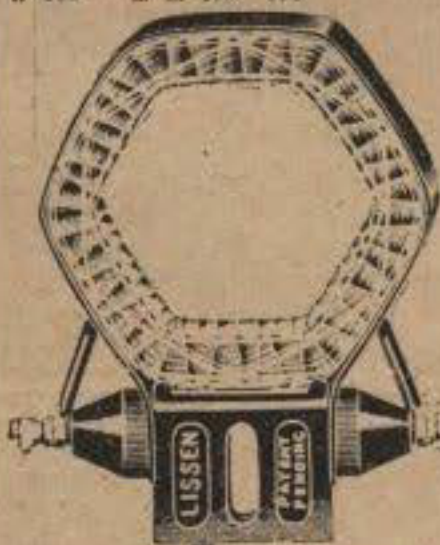
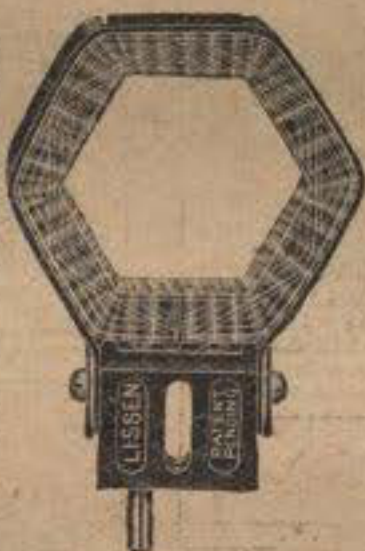
**LISSEN**  
**LISSENSTAT**

## COILS THAT CATCH SIGNALS

Some coils may be good enough for right-on-top-of-you stations, but hopelessly inadequate for distant ones. For sensitive work your coils must pick up minute energy . . . and not waste it. Put a micro-ammeter in series with the telephone of a crystal set—test your usual coils one by one—watch the delicate needle flickering as each coil passes on—then note the greater deflection of the needle when you put on LISSENAGON coils—indicating greater signal strength and **PRO-NOUNCED SUITABILITY FOR SENSITIVE WORK.** Lissenagon Coils are the Coils which Intensity Tuning. They are interchangeable with other coils of the same number—but **THEY ARE MUCH MORE SENSITIVE THAN ANY OTHERS.**

**LISSENAGON COILS.**

Lissenagon Coils—	Old	New
No. 35-40	4/10	3/3
" 50-75	5/4	3/6
" 100	6/3	4/-
" 150	7/7	4/3
" 200	8/5	5/-
" 250	8/9	5/6
" 300	9/2	5/9



## ULTRA SELEC- TIVITY

There are also LISSENAGON "X" Coils—a series introduced where very fine tuning is desired. When stations three metres apart have to be separated you can do it with the appropriate LISSENAGON "X" type.

## LISSENAGON "X" COILS

Lissenagon Coils—	Old	New
No. 50 X	6/-	6/-
" 60 X	6/4	6/4
" 75 X	6/4	6/4
" 250 X	9/9	9/9

## THE COIL MOUNT WITH LOW LOSS AND LOW CAPACITY

To low loss and low capacity in the coils is added low loss and low capacity in the coil mount. These mounts are sold separately. 1/- each.



## This is the LISSENOLA UPRIGHT HORN



Big and powerful with 14in. flare. For those who already have the LISSENOLA loud speaking unit and want a factory-made horn for it. Can be purchased separately 17/6 for .....

## This is the LISSENOLA STAND



For those who have already made an upright horn themselves from the full size patterns and clear instructions enclosed with each LISSENOLA Unit, or who, having the LISSENOLA Unit, desire to buy the LISSENOLA Upright Horn, price 3/-

Improve every circuit by using *LISSEN* parts wherever you can—save money too—for now you get keen prices as well as fine quality.

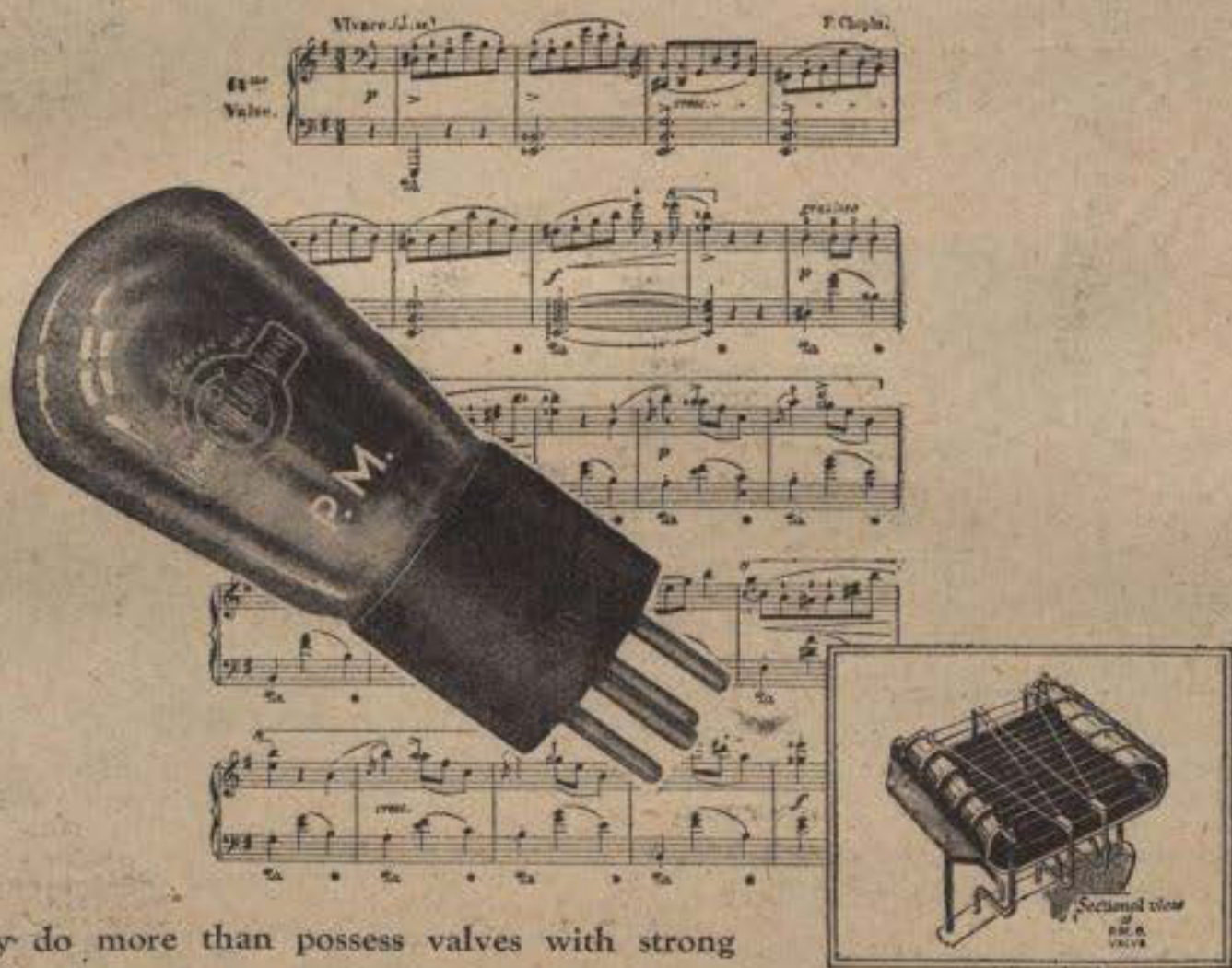
**LISSEN LIMITED,**  
300-320, FRIARS LANE,  
RICHMOND, SURREY.

Managing Director—Thomas N. Col.



# A Perfect Music Filament

that secures response to every note in the broadcasting range



You may do more than possess valves with strong filaments . . .

You may have valves with a filament that has been proved by National Physical Laboratory Test Report to have enormous life . . .

A filament that is so rich in electronic power and so well married to the design of its grid and anode that both the weakest and strongest incoming signals are responded to with a truth that is indistinguishable from the original.

A wonderful filament—a master filament; a filament that opens the treasure chest of the world's best music to every owner of a valve receiver.

All these advantages are made possible by the wonderful P.M. Filament. Be safe and satisfied by demanding Mullard P.M. Valves that have a published official Government Laboratory Test Report.

## Mullard THE MASTER VALVE

- For 2-cell accumulator*
- THE P.M.1 H.V. 0.1 amp. 14/-
- THE P.M.1 L.F. 0.1 amp. 14/-
- THE P.M.2 (Power) 0.1 amp. 18/6
- For 4-cell accumulator or 3 dry cells*
- THE P.M.3 (General Purpose) 0.1 amp. 14/-
- THE P.M.4 (Power) 0.1 amp. 18/6
- For 6-cell accumulator or 4 dry cells*
- THE P.M.5A (General Purpose) 0.1 amp. 14/-
- THE P.M.5B (Resist. Capacity) 0.1 amp. 14/-
- THE P.M.6 (Power) 0.1 amp. 18/6
- Supra power valves for last L.F. stage*
- THE P.M.254 1/4 volts, 0.25 amp. 22/6
- THE P.M.256 1/2 volts, 0.25 amp. 22/6

**BUY DIRECT AND SAVE MONEY**

# FELLOWS WIRELESS

PARK ROYAL, N.W.10

**7/6**

and there are no trade discounts.



**H.T. BATTERIES**

YOU get the full 7s. 6d. worth. This 60 volt H.T. Battery is not only the cheapest; it is the best H.T. Battery in the world. It is tapped every 3 volts and supplied complete with wander plugs.

Fellows Batteries are All British. They are completely made, not merely assembled, in England.

- 54 Volts with lead for grid bias.....post free 6s. 6d.
- 60 " tapped every 3 volts and supplied complete with wander plugs post free 7s. 6d.
- 108 " tapped every 6 volts and supplied complete with wander plugs post free 13s. 0d.

**THE FELLOWS JUNIOR**

A PERFECTLY lovely little instrument that astonishes and delights everyone who hears it. It fills an ordinary sized room with clear beautiful reproduction. Try it yourself on approval and you will understand why every post brings us letters of congratulation. 19" high, fitted with volume adjuster. Packing free, carriage forward.

**THE VOLUTONE**, the Junior's big brother, for dancing, large halls, etc., is 45", packing free, carriage forward.



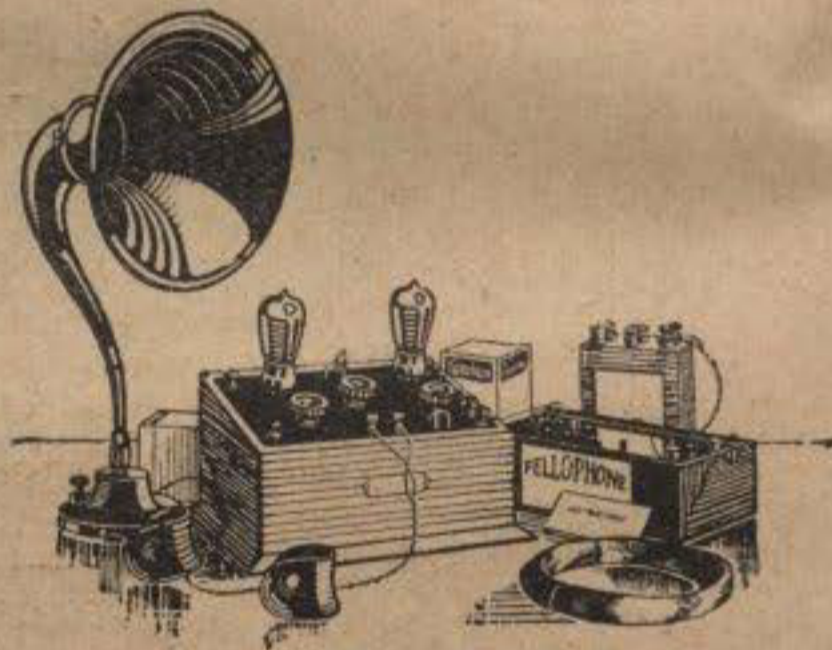
**13/6**

**BUY DIRECT AND SAVE MONEY**

**BRANCHES:**

- LONDON: 20 Store St., Tottenham Court Rd. (Museum 9200)
- BIRMINGHAM: 248, Corporation Street (Central 435)
- BRIGHTON: 31, Queen's Road (Brighton 899)
- BRISTOL: 36, Narrow Wine Street (Bristol 7972)
- CARDIFF: Dominions Arcade, Queen Street (Cardiff 7683)
- LEEDS: 65 Park Lane (Leeds 21479)
- MANCHESTER: 33, John Dalton Street (Central 1164)
- NEWCASTLE: 36, Grey Street (City 980)
- NOTTINGHAM: 30, Bridlesmith Gate (Nottingham 3551)
- TONBRIDGE: 34, Quarry Hill (Tonbridge 172)

**7 DAYS APPROVAL** Louden Valves, H.T. Batteries and accumulators excepted, all Fellows Products are sent on 7 days approval on receipt of full cash price. If you send them back undamaged your money will be returned without question.



**£6.15.0 LITTLE GIANT TWO COMPLETE**

THESE are the famous Little Giant Sets which are selling in thousands in all parts of the country. They give clear and powerful reception of first-rate quality. Our files are full of enthusiastic letters of praise of these wonderful sets. They are complete in every detail.

Specification	Little Giant I.	Little Giant II.	Little Giant III.	Little Giant IV.
Receiver (including Marconi Royalty)	£2 2 6	£3 17 0	£4 12 0	£6 5 6
Louden 4 Volt D.E. Valves	(1) 8 0	(2) 16 0	(3) £1 4 0	(4) £1 12 0
H.T. Battery (Fellophone)	(54V) 6 6	(108V) 13 0	(108V) 13 0	(108V) 13 0
Fellows 4V. Accumulator	(20ah) 12 6	(20ah) 12 6	(20ah) 12 6	(40ah) 16 6
Aerial, Insulators, Wiring, Instructions	3 0	3 0	3 0	3 0
Headphones (H) or Junior Loud Speakers (LS)	(H) 11 6	(LS) 13 6	(LS) 13 6	(LS) 13 6
<b>Total Cash Price</b>	<b>£4 4 0</b>	<b>£6 15 0</b>	<b>£7 18 0</b>	<b>£10 3 6</b>
Deferred Payments With Order	24 6	38 4	44 9	57 0
6 Monthly Payments of	12 3	19 3	22 5	28 8

**LONDON, BIRMINGHAM, BRIGHTON, BRISTOL, CARDIFF**

**BUY DIRECT AND SAVE MONEY**

**THE LEADING BRITISH WIRELESS HOUSE**

FOUR factors have made Fellows Wireless the leading wireless manufacturers of this country:

1. All our products are "high quality" products.
2. They are sold at prices far below any similar goods.
3. With the exception of Louden Valves, H.T. Batteries and accumulators, all our goods are sold on 7 days approval.
4. All our goods are British Made throughout. Selling direct to the public has made us a few enemies among traders, but it has made us hundreds of thousands of friends from the Public. We have no one to please but our clients and we shall continue to give them every advantage that high quality and low price can offer.



For 4 or 6 Volt Accumulators

**45/-**

For H.T. Accumulators

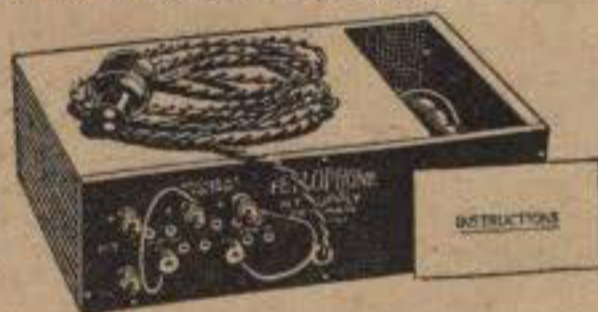
**50/-**

**CHARGE YOUR OWN ACCUMULATORS**

If you have Alternating Current (A.C.) Electric Light you can do all your own Accumulator Charging at a cost of about 10 hours for a 1d. at the most. The charger is simplicity itself and cannot harm either you or your electric light. Full instructions are sent with the charger which you can try for yourself on 7-days approval.

There is also a special charger for H.T. Accumulators, price 50s.

NB.—When ordering state carefully voltage and frequency (cycles) of your main. You will find this information on your meter.



**£4.10**

**H.T. MAINS UNIT**

THIS entirely replaces the H.T. Battery. Simply plug into a lamp socket, switch on and an inexhaustible supply of H.T. current is at your disposal. The Mains Unit is just as safe to use as an ordinary electric lamp and its current consumption is actually much less!

They are made in two types whether for A.C. or D.C. Type B delivers separate values, two of which are variable over twelve tapings, thus enabling the exact required voltages to be applied to several valves at once. (For further descriptions see pages 28 and 29 of our Catalogue No 10.)

A.C.		D.C.	
PRICES (Carriage forward)			
Type A (50 volts)	£3 10 0	Type A (50 volts)	£2 10 0
Type A (100 volts)	£3 10 0	Type A (70 volts)	£2 10 0
Type B (multi voltage)	£4 10 0	Type A (100 volts)	£2 10 0
		Type B (multi voltage)	£3 10 0

**BUY DIRECT AND SAVE MONEY**

**Louden Valves**



**LOUDEN VALVES**

WHEN all the talking is done the fact remains that Loudon Valves are in themselves as fine a valve as any you can buy. They will last as long, use as little current as the most expensive valve on the market and they will give you a silver clear purity of reception that is without flaw. They are made, like all our products, by British workpeople in a British factory. If you use Loudon Valves you will save money and you will get the finest reproduction you can ever have.

<b>4/6</b> Bright Emitters. L.F. Amplifier. F.1. H.F. Amplifier. F.2. Detector. F.3. 5.5 volts 0.4 amps.	<b>8/-</b> Dull Emitters. L.F. Amplifier. LER.1. H.F. Amplifier. LER.2. Detector. LER.3. 2 volts 0.2 amps.	<b>8/-</b> Dull Emitters. L.F. Amplifier. FER.1. H.F. Amplifier. FER.2. Detector. FER.3. 4 volts 0.1 amps.
<b>9/-</b> Dull Emitters. L.F. Amplifier. F.E.R.1. H.F. Amplifier. F.E.R.2. Detector. F.E.R.3. 6 volts 0.1 amps.	<b>11/-</b> D.E. Power Valves. Transformer Amplifier. P.E.R.1. Resistance Amplifier. P.E.R.2. 4 volts 0.2 amps.	<b>12/-</b> D.E. Power Valves. Transformer Amplifier. P.E.R.1. Resistance Amplifier. P.E.R.2. 6 volts 0.2 amps.

Postage and Packing: 1 Valve 4d. 2 or 3 Valves, 6d. 4, 5 or 6 Valves, 9d.

This 48-page Catalogue is free on request.



It will give you full details of all our products so that you can see how our policy of "direct to the public" has given you the world's finest radio value.

M.C.307

**LEEDS, MANCHESTER, NEWCASTLE, NOTTINGHAM, TONBRIDGE**

*The most satisfactory  
source of H.T.  
in existence—*

Exide H.T. Batteries retain their charge over long periods (even if partially run down) without injury or detriment.

Steady, even discharge, giving purity of reception against a dead silent background.

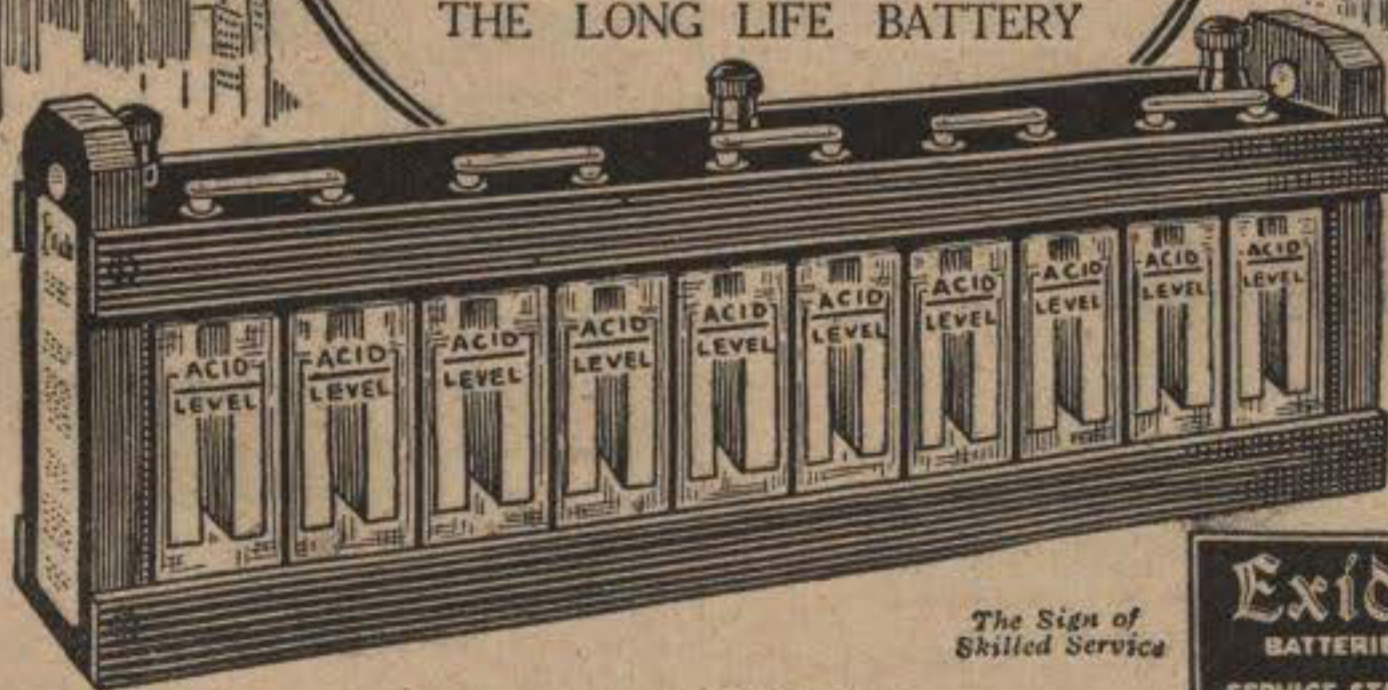
Exide H.T. Batteries are standardized by The Marconiphone Company.

**Exide**  
TYPE  
**WJ**

2,500  
milli-amp. hrs.

**15/-**  
per 20 volt  
unit.

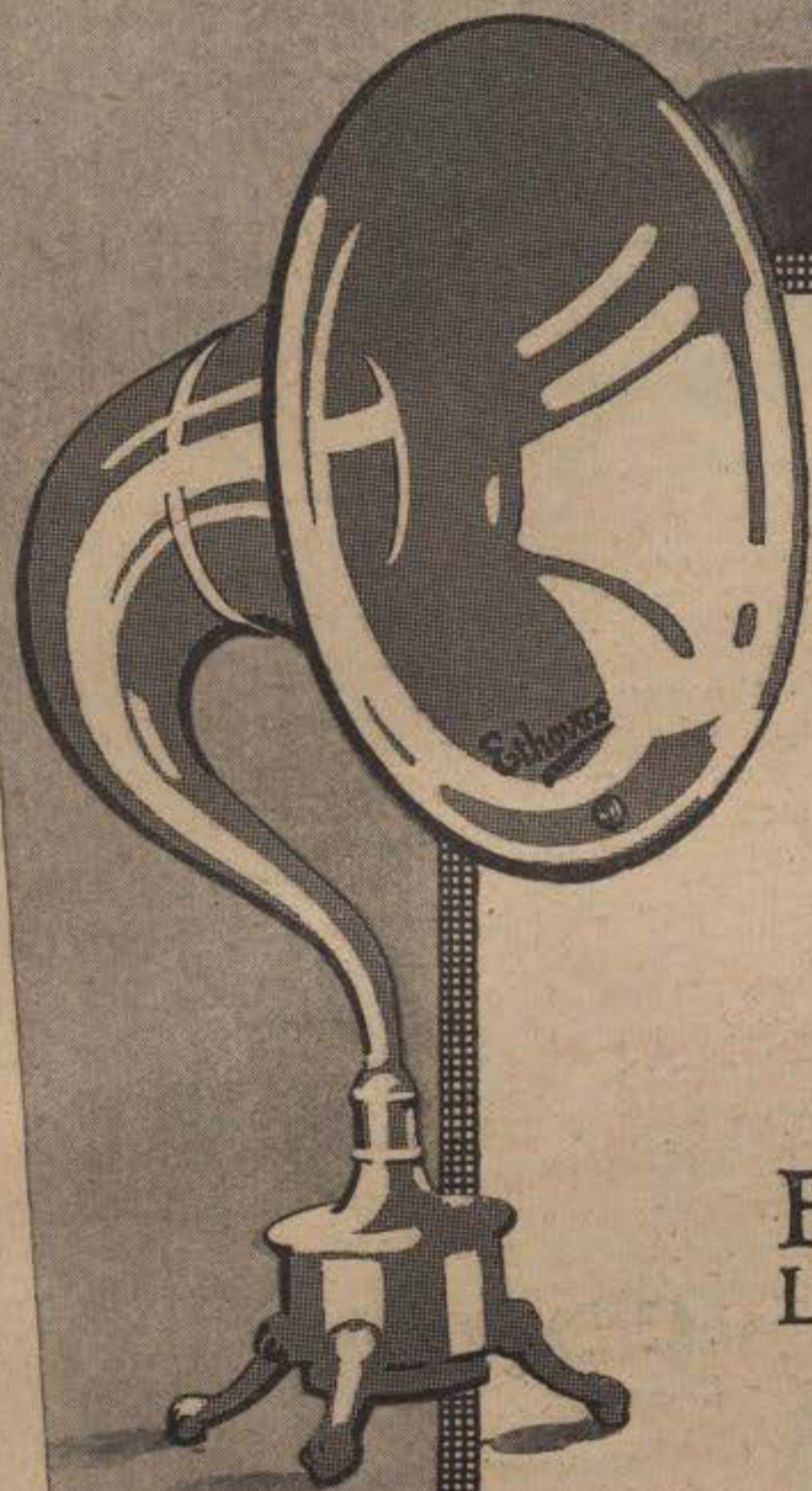
**Exide**  
THE LONG LIFE BATTERY



*The Sign of  
Skilled Service*

**Exide**  
BATTERIES  
SERVICE STATION

*Advertisement of The Chloride Electrical Storage Co., Ltd., Clifton Junction, Nr. Manchester.*



Our reception is  
much better now

*He:* "I am jolly glad we bought an 'Ethovox'—what a difference it makes to our receiver, and isn't the music much clearer? No wonder they call it 'The World's Best Loud Speaker.'"

*She:* "Yes; now we realise that the B.B.C.'s claim for perfect transmission is justified. *You must have an 'Ethovox' before you can criticise the programmes.*"

**ETHOVOX  
LOUD SPEAKER**

STANDARD MODEL

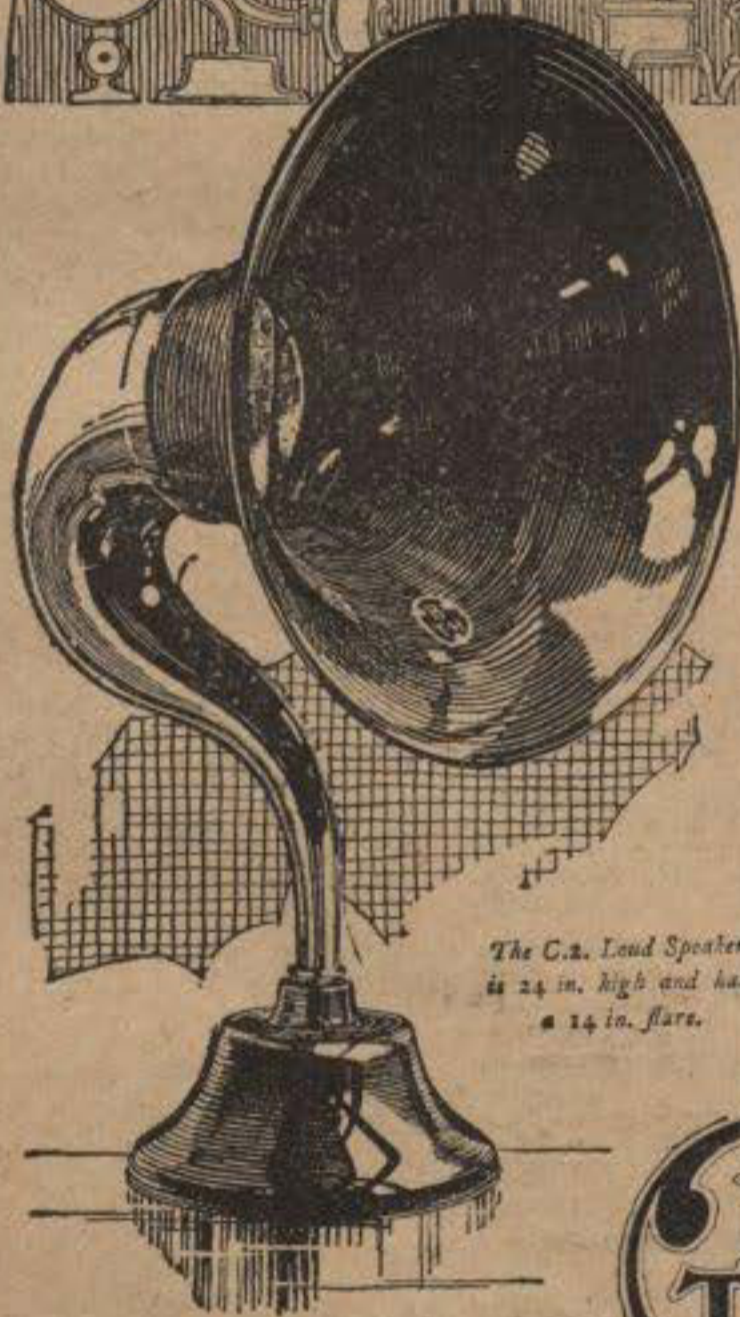
**70/-**

Other Models, 84/- and 37/6. A Baby Model at 18/6.

**GET ONE FROM YOUR LOCAL DEALER.**



# COMPARE!



*The C.2. Loud Speaker  
is 24 in. high and has  
a 14 in. flare.*

ALTHOUGH the B.T.H. C.2. Loud Speaker costs only £3, it challenges comparison with instruments costing two or three times as much. It is even extremely doubtful if there is a better horn loud speaker at any price. But don't take our word for it—make a comparative test yourself by asking your dealer to demonstrate all his loud speakers. Compare the superlative quality of reproduction given by the B.T.H. C.2.—then consider its price. It is the only full-sized, full-toned Loud Speaker at or near £3.

## £3.0.0

*The above price is applicable  
in Great Britain & Northern  
Ireland only*



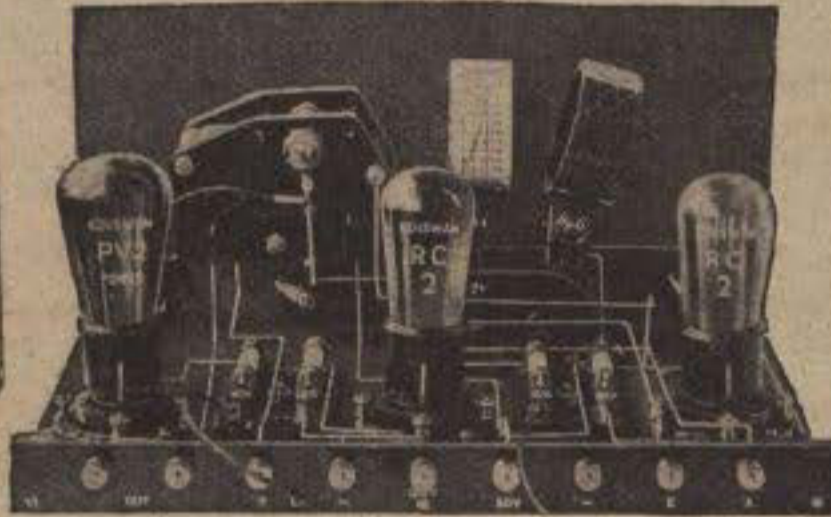
# LOUD SPEAKERS

## TYPE C2

*Ample stocks available*

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

# The R.C. THREESOME continues to enjoy amazing popularity



**TESTIMONIALS FROM DELIGHTED  
R.C. THREESOME CONSTRUCTORS.**

"It brings music to the listener—sweet and pure—and is so very easy to operate that its performance cannot be beaten. It is a set fit for the King . . ."

— B., ROCHDALE

"It is a 'Little Wonder.' It brings in the Local Station so that the Loud Speaker can be heard outside the house."

— J. S., EDINBURGH

"It passed my greatest expectations both as regards clarity of tone and volume. I think it is great."

— F. H., MANCHESTER

"I have recently built one of your famous R.C. THREESOME Sets and am absolutely delighted with it. I have listened to several expensive sets, but none of them come anywhere near the Threesome for clearness and absence of distortion. This is my first attempt at building a set so I am naturally very proud of it."

— E. G. B., BRISTOL

"I have heard some good valve sets, but nothing to touch the Threesome."

— P. E. T., BIRMINGHAM.

"The volume obtainable is simply amazing, and for purity of reproduction it cannot be beaten. I have only one complaint to make and it is that you did not bring this set out three years ago."

— A. C. B., HIGHBURY, N.

"... how highly appreciable and pleasure giving your most excellent 'Threesome Circuit Receiver' is, for purity, volume and sweet resonance it is unparalleled. I am speaking from practical knowledge and experience, having tested and made many so-called Wonderful Valve Receivers now on the market."

"For purity and volume I know not its equal, and had it cost me double the price I would have been well satisfied."

— F. H. C., HARLESDEN, N.W.

R.C. Threesome enthusiasts now comprise a large army. ("One man tells another.") The demand for the Instruction Book (with Blue-print) steadily continues; soon nearly a half-million will have been issued, in response to requests.

Great national newspapers have severely tested the merits of the R.C. Threesome and all are unanimous in their praise for its brilliant, mellow tonal qualities . . . its blare-free abundance of volume . . . its irreducible economy in current consumption; and for the Ediswan Quarter-Watt Point One Economy Valves which the Receiver employs.

If you haven't built the R.C. Threesome, you have yet to experience the joy of listening to music and speech as pure and natural as it enters the microphone. It is simple and cheap to construct—you can do it in an evening, and at a cost of £3, or less.

## INSTRUCTION BOOK AND BLUE-PRINT - FREE

Send now for the Simple-to-follow Blue-Print and Book of Instructions. They are FREE and Post Free!

**MORE PROOF OF THE AMAZING  
PERFORMANCE OF THE R.C.  
THREESOME.**

"The results I received were wonderful. The volume was terrific, and every sound was clear. Plymouth came in the clearest I have ever heard."

— E. T. R., PLYMOUTH

"I may say that previous to starting the set I didn't know the difference between a terminal and a condenser, but found your instructions and blue print very easy to follow."

— J. S. E., BIRMINGHAM

"... excellent results from the local station—really too good with H.T. and L.T. cut down. Duventry very good full out, and San Sebastian lady announcer and French station good phone strength."

— T. H., FENTON, STAFFS

"I must say for Loud Speaker work it surpasses anything I have tried for quality of tone, musical range of octaves, and freedom from distortion."

— A. C. B., BIRMINGHAM

"I am very pleased indeed with my 'Threesome' and all my friends comment on the purity of the Speaker; since constructing it I have washed my hands of transformer L. F. stages, and I consider the P.V. 2 one of the best valves I have ever tried; in fact I could almost 'purr' at the moment as I listen to the Savoy."

— D.H.S.,  
PAPWORTH OVERARD, CAMBS.

"I have mine working wonders . . . I have never heard better or clearer reception. I have also introduced it to several others that are now enthusiasts after hearing my own at work."

— W.R., WALTHAMSTOW.

"I can briefly express my opinion of the set I have made in these words 'It takes you into the Studio.' Accept my congratulations for having given the public a set which renders such splendid reception possible at so small a cost and which renders obsolete those sets which annoy one's neighbours."

— E. J. C., SUTTON

"... would like to say how very pleased my friends and myself have been with the results obtained."

— R. B. F., CARDIFF

**FILL IN COUPON - NOW!**

# EDISWAN

R.T., 25-2-27.

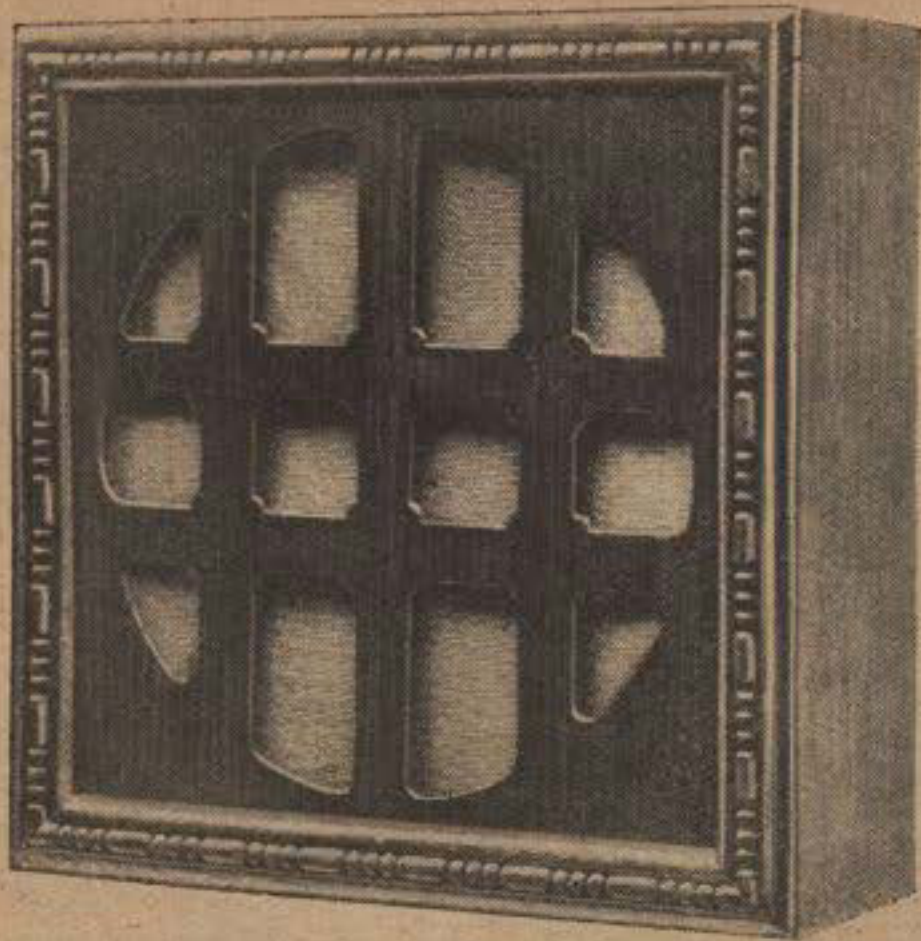
To  
THE EDISON SWAN ELECTRIC  
CO., Ltd.,  
(Publicity), 123/5 QUEEN VICTORIA ST.,  
LONDON, E.C.4.

Name .....

Address .....

Please send, post free, presentation  
copies of the "R.C. Threesome" In-  
struction Book and Blue-print.

PLEASE USE BLOCK LETTERS



“... the finest  
loudspeaker I have  
ever heard”

writes a listener



Amazingly true reproduction throughout the tonal scale from bass drums to the highest soprano notes.

Even experts who have been in wireless since it began declare this new design of cone loudspeaker gives the most realistic reproduction they have ever heard. No hint of 'squeak' or 'rattle.' Pure full-volumed tone—just as if the artist were in your room.

#### SEVEN DAYS' FREE TRIAL

If you cannot come to our showrooms, you can have any model, to test on your own set, free for a week. No charge or obligation. Send a card now.

#### To the Trade

Wherever the M.P.A. Loudspeaker is demonstrated it creates demand for it. Get a model in your showrooms now. Details of generous trade terms sent on application.

Table 45/- Table Cabinet 57/6 Table Grand 77/6  
Blaque as shown

**M.P.A.**  
‘Sprung Diaphragm’  
Loudspeaker

Ask also for book of the wonderful new M.P.A. no-aerial, no-cath portable sets.

M.P.A. WIRELESS (Dept. 4) Gerrard 6845-7 52 CONDUIT ST LONDON W1

*A popular  
appointment*

Mr. J. H. Reyner, B.Sc., A.M.I.E.E., whose recent appointment as Technical Editor of the WIRELESS MAGAZINE has met with widespread approval, gives full constructional details for making the

### “PARADYNE FOUR”

embodying a new form of his now famous Constant-Coupling Principle, and a

### LOUD-SPEAKER TONE CONTROL & FILTER UNIT

which will give improved results when attached to any loud speaker.

Complete instructions for making:

### H.T. FROM D.C. MAINS UNIT

This device attached to any valve set and worked from a supply system will give any potential required.

### ONE KNOB THREE

Simple to operate and entirely self-contained.

### ONE VALVER FOR A FRAME AERIAL

Other contents are:

How to Use a Wavemeter; How the Valve Wastes Power, by Lt.-Com. H. W. Shove, D.S.O.; An Article on Superhet Transformers; More about Reyner's Push-pull System of Amplification; Still more about the "1927-Five."

### FREE BLUEPRINT

of the Loud-speaker Unit described above. Blueprints (full-size wiring diagrams) of the other sets will be available for readers—a valuable innovation for constructors.

Don't miss this issue.

**Wireless  
Magazine**  
*for March*  
**Get a Copy Today 1/-**





## Who's your singing pal?

**H**IS taste-in furnishing may differ from yours. His dress is probably not what you would call 'smart.' There is one matter, however, in which you must admit he 'takes the prize.' Wireless. He *does* know something about Wireless. When you first enter his house, and hear the stirring sounds of a tenor's voice, you're inclined to exclaim, "Hallo! Who's your singing pal?" For, although you know he's something of an expert in Wireless matters, you'd never think it was possible for a loud speaker to be so realistic. Until you hear his **Brown H.Q. Loud Speaker.**

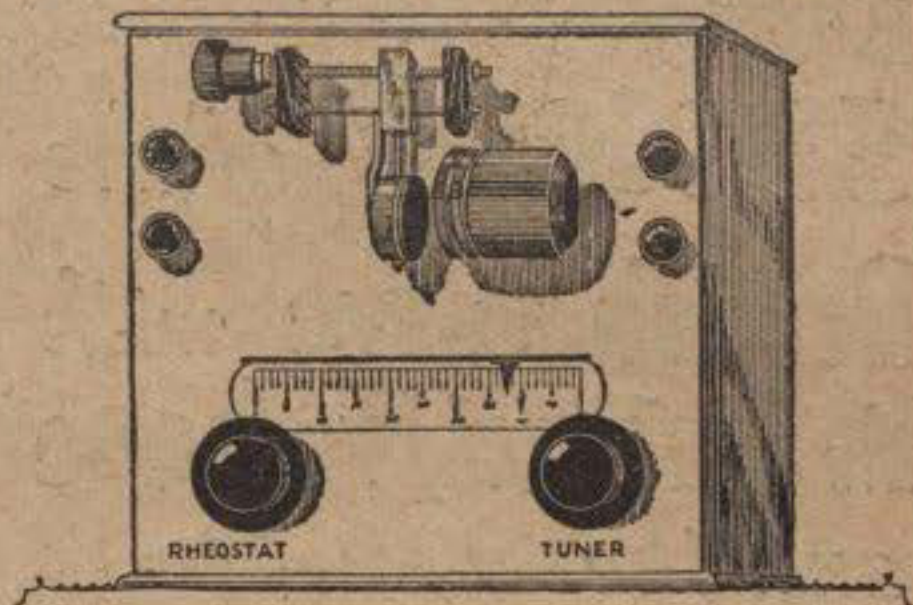
This Wireless expert knows that with a good set, the **Brown H.Q. Loud Speaker** is so realistic in its reproduction, that it is almost uncanny. It tells the truth—as no other Loud Speaker of this type can. But to realise its superiority of tone and volume you must hear it. Your Dealer will be pleased to give you a demonstration. Ask him! In 2000 and 4000 ohms resistance, £6.

# Brown

S. G. BROWN, LTD., Western Ave., N. Acton, W.3  
 Retail Showrooms: 19, Mortimer St., W.1; 15, Moorfields, Liverpool; 67, High St., Southampton. Wholesale Depots: 3, Landsdown Place West, Bath; 120, Wellington St., Glasgow; 5-7, Godwin St., Bradford; Cross House, Westgate Road, Newcastle; Howard S. Cooke & Co., 59, Caroline St., Birmingham; Robert Garmany, Union Chambers, 1, Union St., Belfast, N. Ireland.

Clivedal A.I. 7940.

## AMAZING NEW THREE VALVE SET!



**O** RMSBY has produced a compact 3-valve receiver—only 7 inches square, yet its performance is wonderful. And its price is only four guineas . . . or 3 guineas if you'll make a few simple connections yourself.

We supply the set complete in polished mahogany case. Our Blue Print clearly shows how to make the necessary connections . . . in less than two hours you will be enjoying radio reception of extraordinary purity. Now read what this little wizard will do.

### Wonderful Performance

Local Station reception on the Ormsby "Cubed" 3 is perfect. A turn of a knob and pure, mellow, undistorted music or speech floods the room. Another touch and volume is toned to suit your listening mood. One operation to change from high to short waves. No coils; no complications. This remarkable set will function on any type of aerial without retuning. And it's selective, too! A half-turn of a knob cuts out Daventry . . . another tiny turn and the programme from Paris fills the room at Loud Speaker strength. Hear it! Go to our London Showrooms—10, New Oxford Street, any day or evening.

Don't miss this chance! If you can make a few simple connections send only 3 Guineas. The Ormsby "CUBED" 3, completely wired, costs 4 guineas, plus 37/6 Marconi Royalties. In larger cabinet to accommodate batteries, 16/- extra.

### And the Price is so low!

TRADE NOTICE.

This is a quick seller. Write TO-DAY for our generous trade terms.

The Ormsby "CUBED" 3 fits any corner of the room. Fitted with Ormsby Reaction Unit for clean-cut selectivity. Pure tone, abundant volume at the touch of a single knob.

**£3-3-0**

Send to-day.

DEMONSTRATIONS DAILY.

Any day from 1 p.m. to 8 p.m. you can hear this set at 10, New Oxford St., W.C.

The ORMSBY "CUBED"

ORMSBY & Co.

3

LOWER RICHMOND RD., RICHMOND, SURREY.

London Showrooms—

10, New Oxford Street, W.C.

# Remarkable success of the British Valve with the distinctive base and the extraordinary performance.

A new, better designed, quality valve—and British-built with scrupulous care in one of the best equipped valve factories in the world. Comparing in the quality of reproduction and in the range of reception with the highest priced competitor.

The Octron is an extraordinarily economical valve, low both in price and consumption, long in life.

*Save money and enjoy better results.*

*Made for 2, 4 and 6 volt circuits.*

**REDUCED PRICES**

H.F.  
Detector  
and Amplifier  
**10/-**  
Four Valves  
15/-

# OCTRON

*The Valve with the Octagonal Base*

**OCTRON LTD.**

Head Office & Factory:  
Charlotte Street, Birmingham.  
London Office: 118, Howick Place, S.W.1.



## 3 reasons why you need the new Oldham O.V.D. Accumulator

**1** Because it is sold charged ready for use  
The Oldham O.V.D. requires no tedious first charge. When you receive it from your local wireless dealer's merely add acid. Within an hour it is ready for use. This means that you need not miss a programme if your accumulator has run down. It is the greatest convenience ever offered to wireless enthusiasts.

**2** Because it holds its charge over long periods without sulphation

Now that dull emitter valves predominate it is essential to use an accumulator capable of holding its charge over long periods without sulphation. The new O.V.D. is the only accumulator with laminated plates. This method of construction largely eliminates interaction and prevents the charge leaking away when the accumulator is not in use. It also enables the O.V.D. being fully recharged within 8 hours instead of the 30 or 40 hours normally required by other slow charge accumulators.

**3** Because it is economical in use, and cheap to buy

The O.V.D. is exceptionally economical in use. Used with a one-valve Receiver fitted with a 1 amp. Dull Emitter it will last 180 hours on one charging. This is equivalent to more than two months Broadcasting. With a 2-valve set it will last 70 hours—whilst with a 3-valve Set it will give 40 hours service.

Bearing in mind its extremely low price you will agree that no other accumulator can approach the O.V.D. for sheer value. Remember, too, that its plates are made under the Oldham Special Activation process—in itself a guarantee of long dependable service. Order an O.V.D. from your Dealer to-day.

Made only by  
Oldham & Sons Ltd.,  
Denton, Manchester.

**5/6**

Capacity 10 amp hours.

Also at 6, Eccleston  
Place, London, S.W.,  
and at 120 Wellington  
Street, Glasgow

Special Activation Process Batteries  
**OLDHAM**

Gilbert Ad. 7958

*If in doubt what type of valve you require send us particulars of your set.*

# "SYMPHONY"



"SYMPHONY TWO"  
£17:10:0 COMPLETE

PRIDE of possession comes to the family who owns a "Symphony Two" Receiver. The illustration gives but little idea of its beautiful cabinet, which contains all batteries, and does away with those loose wires that used to vex the eye. The speaker is not black, why should it be, we make it match the cabinet. A perfect group to please the eye and charm the ear; in performance too it stands supreme, all notes being true to tone—and clear.

Complete with Loud Speaker, Valves, all Batteries, Aerial Equipment and Rogalties, £17:10:0 Write now for our catalogue, which gives details of cheaper and more expensive models.

## A.J.S

A. J. STEVENS & Co. (1914), Ltd.,  
Head Office: Radio Branch, WOLVERHAMPTON.  
Phone: 1748. 'Guns: "Reception."  
LONDON OFFICE: 122/124, Charing Cross Road.  
Phone: Regent 7161.

*New!*

an unconventional Loud Speaker modelled on a wonder of ancient Egypt.



WHEN the craftsmen of ancient Egypt produced that time-defying Masterpiece, the Sphinx, the people of the time must have marvelled. The daring originality of that old-time monument must have created a stir during that bygone age. Now, to-day, Brown craftsmen have conceived a daringly original loud speaker, modelled on the lines of the Guardian of the Sahara. Look at the new Brown Sphinx Loud Speaker illustrated here. Notice the cunningly shaped, Sphinx-like outline. See the artistically grained and highly polished surface of the wood. A rich, deep, colour which

will blend with the setting of your room.

But hear it speak. The rich, mellow tone—as if the artistes were in your very room—will charm and astonish you with its reality. You will agree that this is really the most life-like reproduction that has yet been heard on any loud speaker. A remarkable advance which is a credit to Brown, who made England's first Wireless Loud Speaker.

The new Sphinx is a Loud Speaker such as you would be proud to own. Sixteen-and-a-half inches in height it is worth every penny of its £12 10s.

SPHINX LOUD SPEAKER

# Brown

Manufactured by S. G. BROWN, Ltd.  
Western Avenue, North Acton, W.3.

Branches: 29, Mark Lane, E.C.3; 10, Moatfield, Liverpool; 67, High St., Southampton.

Göbel Ad. 7313

THE OFFER THAT AMAZED THE WIRELESS WORLD

# Bullphone Units at

To say that the wireless community was amazed at our offer of "Bullphone" Gramophone Attachments at 15/- each is putting it mildly. Our first offer of 5,000 was snapped up in a few days. These goods are absolutely new genuine articles, not cheaply made for this special offer.

# 15/-

EACH

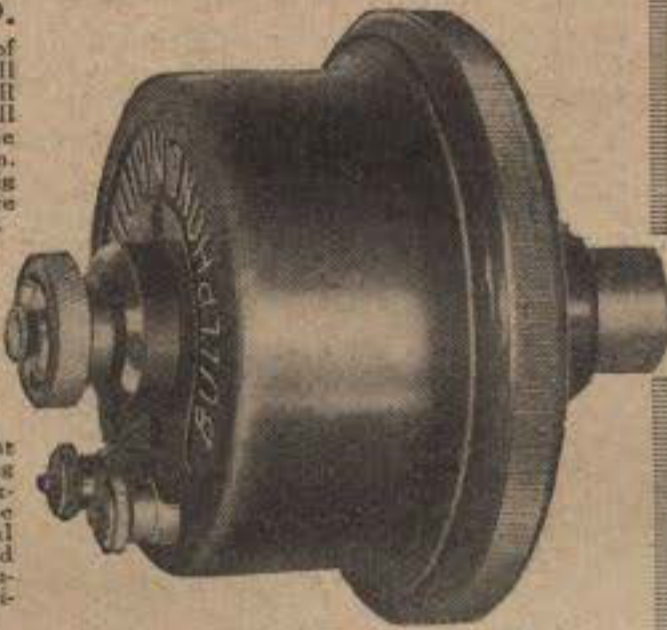
Reduced from 32/6.

The excellent reproduction of the "Bullphone" Unit is well known in wireless circles all over the World and carried all before it in severe tests at the Toronto Wireless Exhibition, White City Exhibition, Leipzig Fair and most of the more important wireless exhibitions.

The diaphragm of the "Bullphone" Unit is

**THREE TIMES AS LARGE AS OTHERS AT A SIMILAR PRICE**

and is as large as others at three times the price, producing enormous volume and exceptionally clear tone. The "Bullphone" is the original non-metallic unit now copied by many well-known manufacturers proving the superiority of the "Bullphone."



Order to-day from your local dealer, or send cash direct to us.

CASH PRICE  
**60/-**  
POST FREE.



## Don't be ill-tempered

because results from your set are not what you expected. For purer and louder reproduction get a

## BULLPHONE NIGHTINGALE De luxe Speaker

guaranteed superior to others, absolutely regardless of price. Will not overload 2 to 10 valves.

CASH or EASY TERMS

# 5/-

deposit secures this Super Speaker, and 12 monthly payments of 5/- completes purchase, or can be obtained post free for 60/- cash.

If your dealer does not stock "Bullphone" Speakers, send your order with cash and his name and address to us.

W. BULLEN (Dept. R.T.12),  
38, HOLYWELL LANE, E.C.2.

DEALERS: For "Bullphone" terms see the current number of the "Broad-caster."

## The Home For Your Wireless Set

This HANDSOME PIECE OF FURNITURE will keep your wireless set free from dust and locked up to prevent meddling.

Think of the comfort to have no more wires across the room, no batteries on tables or carpets; you just unlock and tune in!

Our Standard WIRELESS CABINETS are made in three sizes, on mass production lines, hence the low prices, and can accommodate any receiver or panel up to 30" x 18". SOLID OAK or MAHOGANY throughout (no Plywood used) and perfect workmanship guaranteed.

From £4. 15. 0.

Write to-day for free descriptive pamphlet and suggestions for adapting your receiver or panel in our Standard Cabinets.

DELIVERY from stock ON APPROVAL. Thousand Cabinets already supplied to the utmost satisfaction of our clients.

MAKERIMPORT CO., (Dept. 7),  
50a, Lord Street, Liverpool.



NEW MODEL "D"



# £1000

## CASH PRIZES FOR XTRATONE USERS

- FIRST PRIZE £50
- SECOND PRIZE £25
- THIRD PRIZE £10
- THREE PRIZES OF £5 EACH
- PRIZES FOR TRADERS supplying Xtratones to the prizewinners in this Competition.
- 1st £15
- 2nd £10
- 3rd £5

ALL you have to do to win one of these Cash Prizes is to state, in not more than seven words, what you think of the "XTRATONE," after having given it a fair trial on your Set. In short, we want a slogan or phrase which we can use in our advertisements to describe the remarkable qualities of this ingenious invention.

Already many thousands have expressed their surprise and delight with the improved reception and greater volume obtained by just plugging in the XTRATONE to the last valve holder on their sets, thereby converting a one-valve Set into a two-valve Set, a two-valve Set into a three-valve Set, and so on.

Immediately stations hitherto received on headphones only come in at full Loud Speaker strength, with purity of tone and wealth of volume which must be heard to be believed.

There's nothing to do but just plug in the "XTRATONE" —no confusing connections—nothing to go wrong. At least than the cost of an amplifier or a good L.F. Transformer, it adds a valve to your Set and gives you all the volume you are likely to want. All this without any trouble and with only one trifling initial expense.

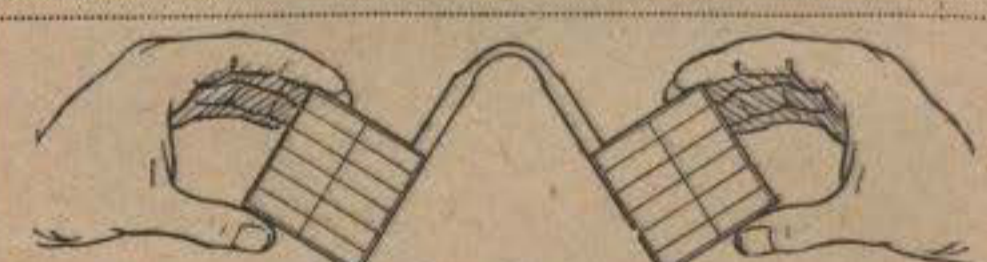
GET AN **XTRATONE** PLUS VALVE UNIT SAY WHAT YOU THINK OF IT AND WIN A PRIZE. The Free Entry Form is in the Box with the XTRATONE.

21/- POST FREE

or if you have less than 1 1/2 inches all round your valve holders, you will require the External Model, price 23/6, Post Free. State circuit, if possible, and make of Receiver when ordering.

If your local Radio Dealer cannot supply you, write direct to us. Get an XTRATONE at once and enter for the Competition NOW.

Money instantly refunded if not completely satisfied.  
**The PENTON ENGINEERING CO.,**  
15, Crown Street, Gray's Inn Road, King's Cross,  
Trade Enquiries Invited. London, W.C.1. Telephone: Museum 4681.



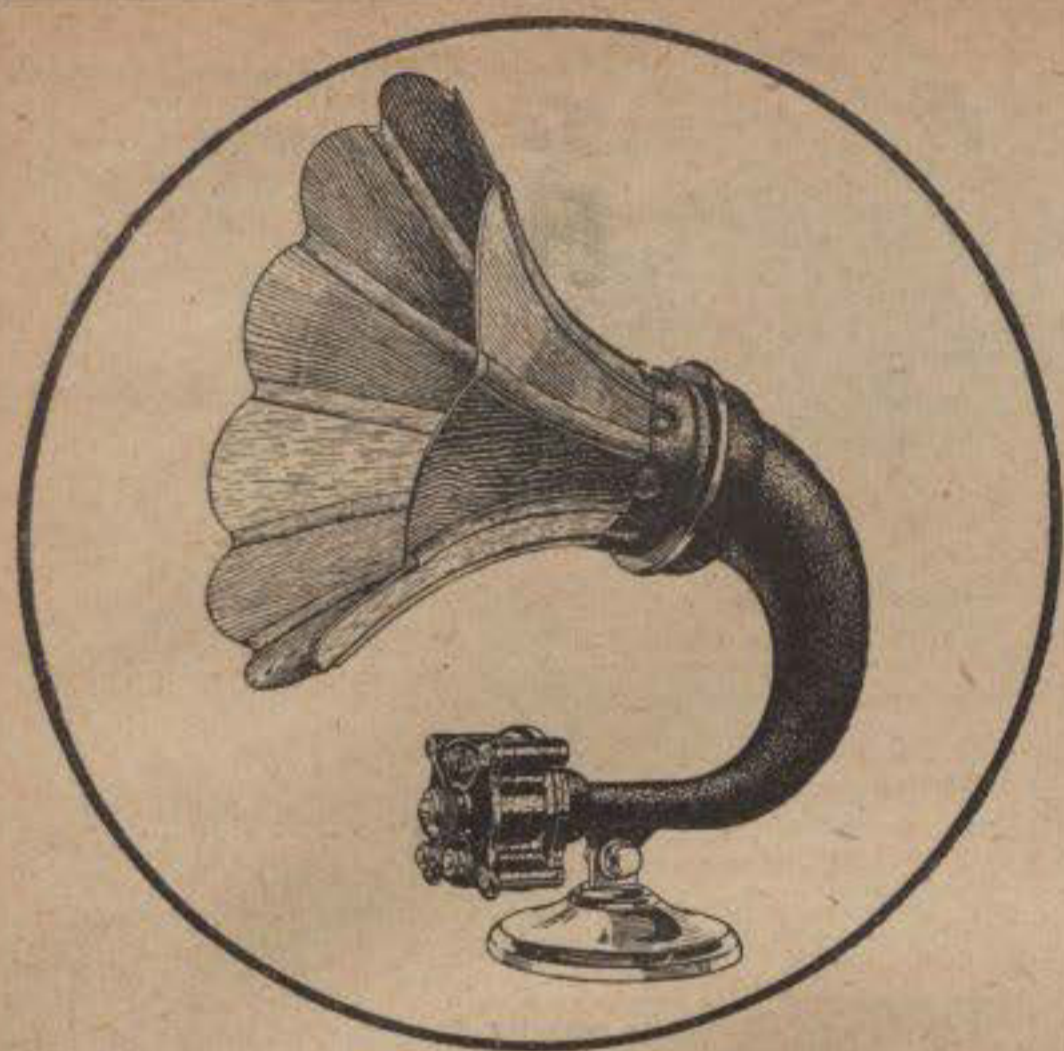
## MAKE YOUR OWN H.T. ACCUMULATORS AND SAVE HALF THE COST.

Easily assembled in half an hour. Re-charge every 7-8 months. Capacity 3,000 milli-ampere hours.

Owing to the ever-increasing demand for Champion H.T. Accumulator Parts we now still further simplify the assembling, by doing away with soldering entirely and supplying the Plates already joined together.

Champion Parts are obtainable from all leading Dealers, or post free direct from the Manufacturers. Write for free instructions and illustrations to—

**THE CHAMPION ACCUMULATOR CO.,**  
2, Prebend Street, Leicester.



**A NEW  
AMPLION  
LOUD SPEAKER**

The popular "Dragon" shape—at once graceful and efficient—with wooden flare of fine Jacobean Oak finish. Improved appearance and pleasing mellow tone. A full size, well-designed, well-balanced and exceedingly efficient Loud Speaker with the Amplion Hall Mark of quality and service.

Type AR. 65.0  
£ 3 - 18 - 6

Other Amplion models from 38/-

**AMPLION STILL LEADS!**

*Advertisement of Graham Amplion Limited, 25, Sackville Row, London, W.1.*



The Cosmos Valves are very fond of the pastoral character of the oboe. They reproduce it most plaintively.

Cosmos Valves—owing to the Shortpath construction—bring all music nearer; they make all music clearer; and yet they are no dearer than any other valves.

**Cosmos**  
RADIO VALVES

for all circuits

*from Wireless Dealers everywhere.*



## YOUR HOLIDAY

THIS year try the holiday that is different. Explore new country and enjoy healthy, restful change, free from irksome routine.

### THE NORFOLK BROADS.

with their natural beauties and quiet old-world villages, will enchant you. They are 120 miles from London, and consist of 200 miles of safe inland rivers and lakes, situated between Cromer, Lowestoft, and Norwich. You hire from us for a week or longer a fully furnished wherry, yacht, or motor-boat, which becomes your floating home, moving when and where you wish, inland, not on the sea. We can supply an attendant to manage the boat and do all cooking. You only have to enjoy yourself. The cost, including boat, food, etc., averages £4 per head per week. Special terms for Easter.

Free: 212-page booklet, "How to Enjoy a Broads Holiday," containing details of 200 boats, wherries, motor-boats, houseboats, bargains we have for hire.

ALL OWNERS' CRAFT ARE INCLUDED IN THIS BOOKLET.  
**BLAKE'S LTD.** 19 Broadland House,  
 (Sole Representatives to all Owners) 22 Newgate Street,  
 LONDON, E.C.1.

Train Services, fares and other information from any L.N.E.R. or L.M.S. Enquiry Office.



## Send a Post Card for Coloured Price List

These are the various sizes and prices of RILEY'S "HOME" BILLIARD TABLES—made just as perfectly as any full-size billiard table.

4ft. 4in. x 2ft. 4in. £7 0 0  
 5ft. 4in. x 2ft. 10in. £9 0 0  
 6ft. 4in. x 3ft. 4in. £11 15 0  
 7ft. 4in. x 3ft. 10in. £15 0 0  
 8ft. 4in. x 4ft. 4in. £21 10 0

7 days free trial

Carriage paid & risk taken in transit

or in 18 monthly payments of 2/6, 11/-, 14/-, 18/-, 26/-.  
 Other tables for the home are RILEY'S "COMBINE" BILLIARD & DINING TABLE—magnificent pieces of furniture converted in a few seconds from dining table to billiard table. Cash Prices from £22. 10, or can be paid for in the Riley's easy way as you play. See price list for all details. Riley's are also the largest makers of FULL-SIZE BILLIARD TABLES. Ask for particulars.

## What shall we do to-night?

How to pass the winter evenings is a problem easily solved if you install a Riley Billiard Table in your home. For there is nothing like Riley Home Billiards for keeping all the family contented at home during the long dark evenings—and the pleasure and interest of this healthy game never fails. Start the happy-home-habit now. Post, to-night, a P.O. for 14/- and Riley's will deliver in your home the over-popular 6-ft. Home Billiard Table, complete with accessories, on 7 days' free trial. Carriage is paid and Riley's take all risk in transit. If you don't wish to retain the table after trial you are quite at liberty to return it at Riley's expense.

**E. J. RILEY, Ltd.,**  
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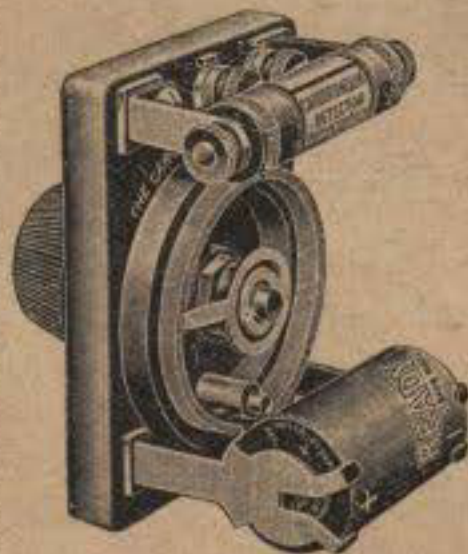
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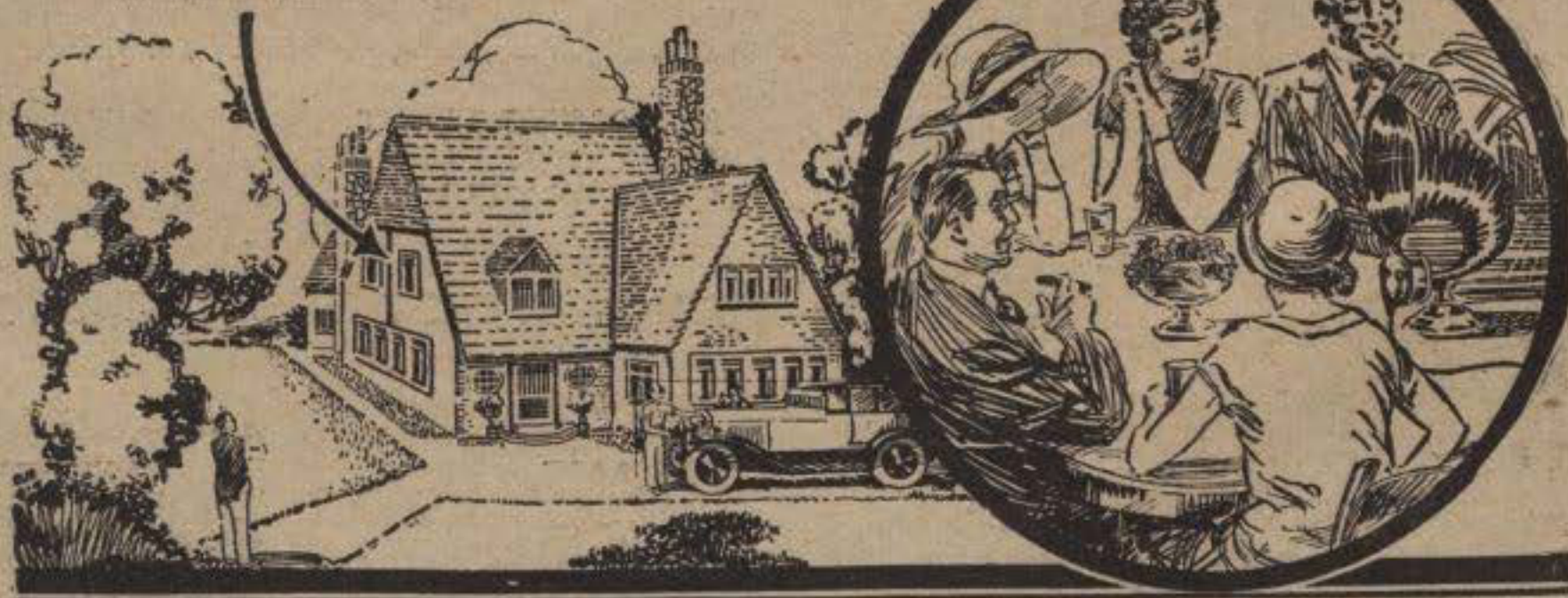
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So good did Lissen know the new transformer to be that they withdrew all the previous expensive Lissen transformers which had been on the market for several years past. The unprecedented success of the new Lissen Transformer is due to the new satisfaction it gives the user, the money it saves—all of which is now well known. It fully amplifies every tone, every note, every harmonic, every overtone against a background of silence. Another user writes:

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### 7 DAYS' TEST.

Test it as a transformer against the most expensive transformer you can find. Test it as a choke against the most expensive choke you can find. If within 7 days of purchase you can find a better transformer or a better choke, irrespective of price, return the Lissen and your money will be willingly refunded.

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