

BY RADIO TO THE STARS. BY AUSTIN HARRISON.



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OFFICIAL PROGRAMMES

for the week commencing **SUNDAY, March 15th.**

MAIN STATIONS.

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

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(Chelmsford.)

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SHEFFIELD, PLYMOUTH, EDINBURGH, LIVERPOOL, LEEDS—BRADFORD, HULL, NOTTINGHAM, STOKE-ON-TRENT, DUNDEE, SWANSEA.

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GREAT SINGERS OF YESTERYEAR.

Were They Better Than Those of To-day?

A FAMOUS PEASANT-MUSICIAN.

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A DRAMA OF ROYAL INTRIGUE.

By Professor R. S. Rait.

OFFICIAL NEWS AND VIEWS.

PEOPLE YOU WILL HEAR NEXT WEEK.

IMPORTANT TO READERS.

The address of the British Broadcasting Company, Ltd., is 2, Savoy Hill, Strand, London, W.C.2.

The address of "The Radio Times," is 8-11, Southampton Street, Strand, London, W.C.2.

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A Great Enterprise Develops.

Official Statement of Facts and Policy.

IT is only right that a public service such as British broadcasting should be stimulated and assisted by constructive, and even trenchant, criticism. Having dedicated ourselves to the achievement of the task of providing the whole of the British people with the best available entertainment, thought and culture, at the minimum cost, we are ever conscious of the gap that exists between the standard of performance and the ideal. It follows that we take corresponding pride in realising that the gap is steadily diminishing and that the margin of our superiority over all other broadcasting services throughout the world is as steadily increasing. Evidence of this is contained in all the authoritative reports received from independent sources abroad.

We owe a great deal to the helpful criticism of listeners, whose suggestions are always given the most careful consideration. Nor are we unmindful of the obligation we are under to our numerous friends of the Press, who attempt to reach conclusions only after examining the relevant facts in their order of importance. Recently, however, we have been attacked from certain quarters with a good deal of misrepresentation.

We do not pretend to know whether the motive of these attacks is the desire to discredit an organisation whose future is feared, or a desire to assist other influences bent on subverting our service. We prefer to believe that these attacks are of the character of the strictures of the candid friend whose sense of duty has outstripped his information. Whatever the motive, it is desirable to take advantage of this opportunity to adjust the perspective of those who may have accepted baseless accusations at their face-value.

The B.B.C. is not a profit-making concern, in the ordinary meaning. It is true that the

initial capital of about £70,000 was put up by wireless manufacturers, who deserve credit for pioneering in an enterprise regarded elsewhere with suspicion. Dividends on this capital are limited to 7½ per cent. by Act of Parliament. All the money that the B.B.C. receives over and above that dividend charge is devoted to the development of the service or returns to the Postmaster-General for public funds. Of the ten shillings annual receiving licence, 2s. 6d. is retained by the Post Office, and 7s. 6d. comes to the B.B.C. Payments are made two to three months in arrears, and there is a quarterly audit by the Post Office accountants.

During this year, the estimated revenue is £480,000. An analysis of last year's expenditure shows that between 50 and 60 per cent. of the money was devoted to programmes; between 15 and 20 per cent. was absorbed in salaries and wages; and the balance of between 20 and 25 per cent. in miscellaneous charges, including rent, rates, taxes, engineering development, light, heat, power and legal charges. Salaries, wages, and miscellaneous charges are now stabilising and during this year an increasing proportion of revenue will be allotted to programmes. Additional funds accruing from the regularising of the licence position will go to improving the programmes and developing the equipment.

If there is a surplus, it will return to the Post Office to relieve the taxpayers' burden. We have already managed to effect a substantial reduction in the licence fee. The present cost of our service to the listener is three programmes a penny.

The B.B.C. was under contract to construct eight main Stations. But our ideal could not be satisfied within these limitations.

(Continued overleaf.)

A Famous Peasant-Musician.

The Romance of Dvorák's Life. By R. D. S. McMillan.



ANTONIN DVORAK.

THE divinity which shapes our ends took upon itself no enviable task when it set itself to weave the intricate pattern in life's web which was to be the career of Antonin Dvorák. The son of a poor peasant who was both innkeeper and butcher, Antonin pursued a devious course which, though it came perilously near to landing him, finally, in the obscurity of his father's shop, led him at last to a pinnacle so great as to cast its shadow far beyond the borders of his native Bohemia.

Dvorák's life is like a romance from a story-book. Romance is generally retrospective; it gilds the picture of genius struggling against adversity, enshrines it in a halo until even the genius himself, could he return, would find unrecognizable this distorted, roseate view.

The boy was born on September 8th, 1841, in the village of Nelahozeves on the Moldau. He was quite a normal boy, and his principal hobby was strumming upon the zither. Nothing delighted him more, in earlier years, than to listen to his father play those enchanting Bohemian folk-tunes, the waltzes and mazurkas to which the peasants danced so blithely and picturesquely.

From Music to Sausages.

Music, then, was the flame round which he flattered. When he was twelve, he went to live with an uncle in the town of Zlonic, where wider opportunities were given to him for study. He took lessons from a local organist. Until he was fourteen or fifteen, his actions were thus comparatively unfettered; but, alas for the mundane ties which even genius must tolerate, he learned that his father had opened a new shop and required his assistance.

Antonin tried to escape. He urged the claims which music had upon him and, to convince his sceptical family, he embarked upon his first composition for their edification and had the work performed before them. It met with well-merited disaster—and Antonin went into the shop to serve customers with sausages.

The Menace of Hunger.

For nearly twelve months he remained subdued, to reassert himself, then, with such vigour that he carried the day and was allowed to go to Prague to enter the Organ School. He could expect little or no support from his family. The prospect on the face of it was depressing. For Antonin, not yet seventeen, had but a rudimentary knowledge of the only means he knew of earning a livelihood. To keep himself in food was a struggle, and often he denied himself a meal so that he could buy paper upon which to set down his compositions. He could not have both at the same time.

Performing in Cafés.

Continually faced with the menace of hunger, the youth was prepared to seize any opportunities of earning a livelihood, provided that they did not interfere with his studies. A gladly-welcomed chance came when he was invited to join a band of itinerant minstrels who went from café to café and gave performances. He played, too, in a church choir on Sundays. Altogether, his life was one hectic round of work, but he would have endured anything almost rather than admit defeat, and have to return to the

bondage of the butcher's shop. He put every ounce of endeavour into his work at the Organ School, and in his nineteenth year he passed as second prizeman. This was but the first hurdle in the track; he was still a callow musician who could attain perfection only after many more years of study.

He remained in Prague and found himself swept along in the current when the flood-gates of Bohemian patriotism were let loose. For years his country had suffered intellectual eclipse under the yoke of Austrian domination. The tyrant's grip relaxed, there came an emotional repercussion which set alight the flame of learning throughout Bohemia. Dvorák's first work of importance, an opera, was for the national theatre. It was a failure. Wagner had been ringing in his ears when he wrote it. Bohemia desired Slavonic melody, not German. He was then about twenty-eight or nine. The failure was, of course episodic, and a year or two later he made amends with a patriotic poem-song, "The Heirs of the White Mountain," which swept away the memory of the past mistake.

A Man of Courage.

Still, however, he had to contend with poverty. For fourteen years he had done so without flinching, and now that fame wavered tremulously in the balance, it was not likely he would falter. On the contrary, he girded himself with pen and paper, and resolutely set himself entirely to rewrite that first opera which had failed. Its fate was no happier upon its second presentation. The music, it was discovered, was very well, but the libretto! Its inadequacy was startlingly, painfully obvious.

Dvorák was a man of courage. He set himself to find a librettist who could rewrite the libretto. A poet obliged him and *King and Collier*, the opera in question, came forth thus metamorphosed to please a big public.

Undaunted to the End.

Dvorák had a sweet wittiness which he introduced into *King and Collier*, and which made itself manifest again in *The St. Sborn Heads*, an amusing village love theme. By this time, Dvorák had obtained a responsible post as organist, which relieved his mind to some extent of the pressing financial worries which married life created; then, too, as his worth began to be recognized, there came grants from the authorities. He was still the undaunted composer, however, for finding that his post shackled his creative faculties, he threw it up and set himself to devote all his time to his compositions.

Influenced by America.

His courage had its reward, and soon the fame which had been confined to Bohemia had spread throughout Europe. His "Stabat Mater," one of his masterpieces, helped to bring about this change, a work which he personally conducted upon his frequent appearances in England during the next few years when honours were being showered upon him.

Dvorák was captured by America, where he remained some four years, and his American experiences induced him to compose "From the New World," which, as his sons have placed on record, was influenced by Negro melodies. Returning to Bohemia, his achievements were notable and numerous before he died, in 1904, aged sixty-three.

MORE than a hundred thousand licences for receiving sets have been issued in Spain. There are also many amateur broadcasting stations. The owners of these have to pay an annual tax of two hundred pesetas, about eight pounds at the normal rate of exchange.

A Great Enterprise Develops.

(Continued from the previous page.)

We are now operating twenty-one stations, and no less than 80 per cent. of the population of these islands is within crystal range of some station. Moreover, 35 per cent. of the population can choose between two simultaneous services, also on a crystal. Our aim is to increase the first figure to 100 per cent. and the second as far as we can.

Extensive technical improvements are in hand. The 10,000 miles of land-lines of our system require attention. As soon as funds are available, we propose breaking up the long land-lines with repeater apparatus, and also providing new correction instruments at the receiver end. Improvements in method are so rapid that a great deal of the transmitting equipment which a few months ago was up-to-date is now obsolescent. Substitution is being undertaken generally, and this will probably be a recurring charge for the reason that we are still a long way from reaching the 100 per cent. point in the development curve.

Along with steady technical development, the programmes are being improved, and extended. The anticipated success of the present negotiations with the entertainment industry promises to release some material hitherto denied us. The new technique of the radio-drama is making rapid strides.

In music the B.B.C. is certainly the greatest popular educator. It is perhaps noteworthy that three-quarters of the front-rank concert artists and conductors are now included in the programmes. In our series of International Symphony Concerts at the Royal Opera House, Covent Garden, we are trying to make a definite constructive contribution to music, and it is gratifying to receive the appreciation not only of regular music-lovers, but also of many listeners who are receiving their introduction to the best music through the medium of wireless telephony. We hope that the time is not far distant when each of our stations will be the centre of an annual musical festival, a step in the direction of making England sing to-day as she did in the sixteenth century.

Of the educational part of the programmes, the courses given by Sir William Bragg and Sir Oliver Lodge in Science, Sir Halford Mackinder and Professor Rait in History, to mention only a few, are attracting a great deal of interest. We propose to substitute discussions and dialogues for some lectures, and we are making a definite attempt to guarantee that the S.B. talks are truly representative of the best thought in the whole of the United Kingdom.

To sum up, the whole policy of the B.B.C. is one of unceasing endeavour to promote the service solely in the best interests of the public. There is really an enormous amount of work involved in the provision of the broadcasting service. There are auditions, rehearsals, development, legal work, copyright, organization in twenty-one towns, administration, research of various kinds, and a great number of other essential and auxiliary tasks to be performed before the complete programme reaches the listener. The average working day of members of all grades of the staff is more of the order of twelve than eight hours. And always there is the harassing consciousness of work undone. But there is real consolation in the thought of the splendid support of the vast majority of our millions of listeners, a force which we feel would be ready to assist us in dealing with any attack calculated to subvert our policy or lower the standard of our service.

Herrick: The Parson Song-Writer.

By Francis Gribble.

AT least three of Herrick's songs are still heard often enough to make his name interesting to those who listen: "Cherry Ripe," "Bid Me to Live," and "Gather Ye Rose-buds While Ye May." They are not precisely the sort of songs that one would have expected to proceed from a country vicarage on the edge of Dartmoor; but Herrick was no ordinary country vicar.

Before he took Orders he had knocked about town; and he once apologized (in verse) for the frivolity of the poems which he had written in those unregenerate days:—

For these my unbaptized rhymes,
Writ in my wild unhallowed times,
For every sentence, clause, and word,
That's not inlaid with Thee, O Lord I
Forgive me, God, and blot each line
Out of my book that is not Thine.

Light-Hearted but Serious.

A critic has remarked that "the poet would better have evinced the sincerity and depth of his contrition by blotting out the unbaptized lines himself"; but that is a cynical observation with which lovers of poetry will not agree. For all his levity—for all his occasional indecorum—Herrick appears to have been an innocent and God-fearing man. His biographers have discovered no scandals in his life, and the worldliness of the typical West Country parson of the period is held up to derision in one of his own epigrams:—

Old Parson Beanes hunts six days of the week,
And, on the seventh, he has his notes to seek.
Six days he holloas so much breath away
That, on the seventh, he can nor preach nor pray.

Waking Up the Congregation.

If Parson Beanes had been able to reply to that by telling stories to the disadvantage of Parson Herrick, one feels pretty sure that he would have done so, and that the gossip-mongers would have passed them on. But nothing of the kind happened, and the two stories which the antiquaries have been able to dig out about Herrick's proceedings at Dean Prior show merely that he was a pleasant old man with a sense of humour.

One story is to the effect that he kept a pig and trained it to drink ale out of a tankard. Another relates that, finding his congregation inattentive, one Sunday, he hurled the manuscript of his sermon at their heads in order to wake them up.

Poems as Prayers.

His parishioners, at any rate, spoke well of him. They might not know good poetry when they read it; but they did know a good parson when they saw one, and they loved Herrick as a kind-hearted man who gave generously out of his comparative abundance. He did, indeed, once, in one of his compositions, accuse them of "warty incivility"; but they forgave him.

Some of them actually had a good many of his songs by heart, and the story is told of an old woman—an "oldest inhabitant" in the ninety-ninth year of her age—who said that she had always thought that Parson Herrick's poems were prayers, and had always treated them as such, sitting up in bed, with her hands clasped in a devotional attitude, and reciting them in the watches of the night, whenever she felt in trouble about her soul.

A FUND to supply every needy blind person in America with a receiving set was opened in New York recently. There are eighty thousand blind in the United States.

A Drama of Royal Intrigue.

The Scottish King Who Ruled Over England. By Prof. R. S. Rait.*

[Professor Rait's series of broadcast lectures on "Moments in English History" is attracting wide attention. New and interesting facts are being disclosed and turning points in our history are viewed from a fresh angle.]

WHY did James VI. of Scotland succeed in March, 1603, to the throne of Queen Elizabeth? Why did the English people accept as their monarch the ruler of another country? The answer is, I think, to be found in a document which nearly everybody possesses, but few ever read—the Preface to the Authorized Version of the Bible, in which the translators dedicate their work to a Sovereign who was a Protestant and had a hopeful seed to wear the crown after him.

Rival Claimants to the Throne.

James was the nearest living representative of King Henry VII., whose daughter, Margaret, had married James IV. of Scotland a hundred years earlier. But he was an alien, incapable of purchasing or inheriting an acre of English land. How, then, could he succeed to the English Crown? There were at least three other descendants of Henry VII., one of them also descended from Queen Margaret and the other two from her younger sister. But there were objections to all three.

Of the two women, one was so unbalanced and flighty that nobody could treat her claim seriously and the other was only remotely descended from royal blood. The possible male claimant was, in the eyes of the law, illegitimate at the time of Elizabeth's death, although it was discovered or admitted long afterwards that his parents had been legally married.

Represented Alfred the Great.

The English people wanted a settled Protestant succession, and they took James. He was the nearest heir of the blood royal, and moreover he represented Alfred the Great more directly than any Sovereign of England had done since the Norman Conquest. It was true he was an alien, but he was a Protestant, and he had two sons. So the English people took him, and it is a strange comment on the variety of human wishes that the House of Stuart, one of whose great recommendations to England was Protestantism, lost the English Crown because of fidelity to the Roman Church.

All this was in the unknown future when a messenger, after a wild ride from London, reached Edinburgh on the evening of March 28th, 1603, with the news that the great Queen had died on the morning of the 24th.

Waiting for a Queen to Die.

James, however, remained officially in decent ignorance until he received the Privy Council's intimation of the Queen's death and of his own proclamation as her successor. He received the news he said, with sorrow, and added with more candour that he found the sorrow quite bearable and not unmingled with joy. He was thirty-six years of age and he had spent more than half his life-time waiting for Elizabeth's death and speculating on the chances of the succession.

When Queen Mary was condemned to death in England, he had had to choose between his mother's life and the chance of the English Crown, upon which she, too, in the days of her youth and her power, had set her heart. Elizabeth's Ministers were determined to take Mary's life. Their mistress was then approaching an age which no member of the House of Tudor had lived to see. Her health was not good, and she was nine years older than the imprisoned Queen of Scots. If Elizabeth should die while Mary lived, the least evil that

* In a talk from Glasgow.

could happen would be civil war. Mary was the next heir, the English Roman Catholics might espouse her cause, and they would have the help of Spain, which was even then preparing its great Armada.

The English Ministers were not unfriendly to the Scottish succession, provided that the succession was to be represented not by Mary, but by her Protestant son. James was well aware of this: he knew that his chance of mounting the English throne would be greatly improved by his mother's death. While Elizabeth was hesitating, he sent ambassadors to plead for Mary's life. They were not only to plead for her life, they were also to ask that, if she should be put to death, nothing in her sentence or in her execution should prejudice her son's claim.

Proposed to Elizabeth.

The second request obviously cancelled the first, and Elizabeth, who had been alarmed by the possibility that if she put Mary to death James would open Scottish harbours to Spanish ships, was released from all anxiety upon this score. She assured James that his mother's execution as a traitor would not invalidate his succession, and James, while decently asking for his mother's life, added that in no circumstances would he break the league which he had made with England.

This was not the only sacrifice of his feelings which James made for the prospect of the throne of the Tudor. As a youth of twenty he actually proposed to marry Elizabeth, who was nearly old enough to be his grandmother. His agent was to urge Elizabeth to reopen the question, to tell her that she had made such an impression upon the susceptible heart of the young King of Scots that her image reigned there alone.

Secret Diplomacy.

James was as truthful and honest in these professions of affection as it was his custom or his nature to be. Elizabeth did him a greater injury than refusing his hand in marriage. She took an unconscionable time in dying, and James, like most people who wait for dead men's shoes, became very impatient, and he entered into very risky intrigues with France, with Spain, with the Catholic Powers of Italy, and even with the Pope himself.

If the English people had known the story of all this secret diplomacy—or even as much of it as we know to-day—they might well have refused to allow the King of Scots to remove from Holyrood to Whitehall. One man knew all and kept his peace. Robert Cecil had made up his mind that King James was the least of the many possible evils, and he and one other Englishman were the makers of the Union of the Crowns.

A King's Foresight.

That other Englishman—or Welshman—had been nearly a century in his grave. He was King Henry VII., who, in giving his elder daughter to the King of Scots, had foreseen and welcomed the possibility that a descendant of hers might unite the thrones of England and Scotland, and relieve England from the pressure of a tiresome if not a dangerous enemy on her northern frontier. Both Mary, Queen of Scots, and James, King of Scots, in turn had tried to seize the prize before the moment was ripe. But Cecil had thought it all out, and had decided that the scheme of Henry VII. must be carried into effect. So James came, and did so in the belief that his peaceful accession meant nothing less than a recognition of absolute monarchy.

An alien, who could not own any part of England, he had come to rule all England.

Official News and Views. GOSSIP ABOUT BROADCASTING.

Old-Time Dances.

FOR the benefit of those listeners who, a few decades ago, were energetic dancers and who appreciate the dance music of the "good old days" in preference to jazz, the Manchester Station has arranged a programme of old-time dances for Saturday, March 28th. The fox-trot and the one-step will give way to mazurkas, polkas, and barn dances, and the programme will conclude with the time-honoured Sir Roger de Coverley.

Life in the Backwoods.

Many listeners will have read some books on life in the Canadian woods and will know something of the thrills experienced by members of the Canadian Mounted Police while administering the law in that wild part of the world. On Friday, March 27th, at the Cardiff Station, the "5WA" Radio Players will assist Capt. H. G. Mansfield, who has been a member of the Canadian Mounted Police, in a dramatized account of the true story of a crime and the "Trail" in the backwoods of Canada.

A Night of Adventure.

Another interesting "Radio Picture" in this programme will be the story of "Life in the Antarctic," by Captain L. Greenstreet, who was an officer of the *Endurance* in the Shackleton Expedition to the South Pole of 1914-16. He was one of the party marooned on Elephant Island for several months before being found by the rescue party, and the exciting incidents of the Expedition will undoubtedly prove a "Night of Adventure" for Cardiff listeners.

Bournemouth Calling Belgium.

"Bournemouth calling Belgium" is the title of the programme at Bournemouth for Friday, March 27th. The Augmented Orchestra will be heard in a Fantasia on "Walloon Carols," by Jongen, and symphonic fragments from the opera *Atala*, by Juliette Folville. Mlle. Juliette Folville (pianoforte) and orchestra will play "Variations Symphoniques," by César Franck. She will also be heard on the violin in "Adagio from 4th Concerto," by Vieuxtemps, with orchestra and harp obbligato. The programme will conclude with half-an-hour of Light Opera Music.

A Hallé Concert.

On Thursday, March 26th, the Manchester Station is relaying the Hallé Orchestra Pensions Fund Concert from the Free Trade Hall. The programme will include the "Irish Symphony," conducted by the composer, Mr. Hamilton Harty, and the Brandenburg Concerto in G for strings, by Bach. As a contrast from the orchestral part of the programme, vocal interludes will be given from the Studio.

"Acis and Galatea."

Acis and Galatea, which Handel set to music and which was first produced at the Haymarket, in 1732,

is to be broadcast from the Newcastle Station on Wednesday, March 18th. It was in July last year that Newcastle gave a broadcast performance of Gilbert's *Pygmalion and Galatea*. The two stories should not be confused. According to the Greek legend, the Galatea whom Pygmalion loved was not the nymph Galatea who loved Acis, the Sicilian shepherd.

The legend of *Acis and Galatea* tells how the monster Polyphemus, a Cyclops, crushed Acis the shepherd, who was his rival, under a huge rock. The blood of Acis was changed into a river of the same name at the foot of Etna. Galatea, inconsolable at the loss of her lover, was changed into a fountain. This legend is the theme of the opera to be performed on Wednesday.

Produced by John Henry.

Listeners should note that the "New Feature by Old Friends" in the London programme for Saturday, March 14th, will take place at 8 p.m., instead of 8.30 p.m., as originally indicated in the programme. This will be produced by John Henry, and other artists participating will include Miss Helena Millais, Miss Mona Grey, and Mr. George Stockwin.

The Primus to Broadcast.

The Most Rev. W. J. F. Robberds, D.D., LL.D., Primus of the Episcopal Church in Scotland, will give an address from the Dundee Station on Sunday, March 22nd. This service will be S.B. to other Stations.

Birmingham's Light Symphony Concert.

The chief item of interest to Midland listeners in next week's programme from Birmingham will be the Light Symphony Concert on Saturday, March 28th. This concert will be relayed to Chelmsford between 7.30 and 9.30 p.m., and the programme will include Mr. Albert Sammons, the well-known violinist. The "Four Songs of Chivalry," by Julius Harrison, will be sung by Mr. Geoffrey Dams, tenor, and "The Lords

of the Sea" by William Wallace, will be sung by Mr. James Howell (bass).

Nottingham's Own Orchestra.

Nottingham started a Municipal Orchestra only a few months ago. It has already achieved success. Both the first two concerts have been broadcast by the Nottingham Station, and the third concert, which is to take place on March 25th, in the Albert Hall, will also be broadcast. The conductor of the orchestra is Mr. Frederick Mountney.

On this occasion the vocalist will be Mr. Robert Radford, the well-known bass.

A Listening Tour.

The first of a series of programmes in which each of the Colonies will be represented will be given on Wednesday, March 25th, at the Glasgow Station. The aim in these programmes will be to take listeners on a tour of each Colony. The first Colony to be visited is Canada. The tour will start from the eastern side of Canada and, with pauses, pursue its way westwards. Halts will be made at Montreal, Ottawa, Toronto, Hamilton, Niagara, Winnipeg, Saskatchewan, Edmonton, Jasper Park, and Vancouver. Each part of the programme will be devoted to a different era, and those who accompany the tour will meet colonists at different stages of the country's development.

"The Red Pen."

The first performance of a "sort of opera" in two acts, entitled *The Red Pen*, by A. P. Herbert, will be broadcast simultaneously from London on Tuesday, March 24th. The music for this has been composed by Geoffrey Toye. *The Red Pen* should prove a valuable addition to the list of light operas available for broadcasting. It goes with a good swing, and the continuity of the plot should make itself apparent to those who listen throughout the performance; while, taken in parts, the music will be found to be delightful, and the dialogue witty. Casual listeners will, therefore, also be able to enjoy the evening.

A Mock Trial.

One of the features of the programme to be broadcast from the Edinburgh Station on the evening of Thursday, March 26th, will be a Mock Trial. This will contain plenty of humour, and may have a salutary effect, as the "criminal" is an inveterate oscillator who, after capture, is hailed to justice.

A Schubert Programme.

Items from Schubert will constitute the programme at Dundee on Friday, March 20th. The R.N.V.R. Band, which is well known in the district, will play the Military March, the Serenade, and part of the Unfinished Symphony, while Schubert songs will be given by Madame Gertrude Edgard, mezzo-soprano, from Milan, and Mr. Robert Watson, baritone.



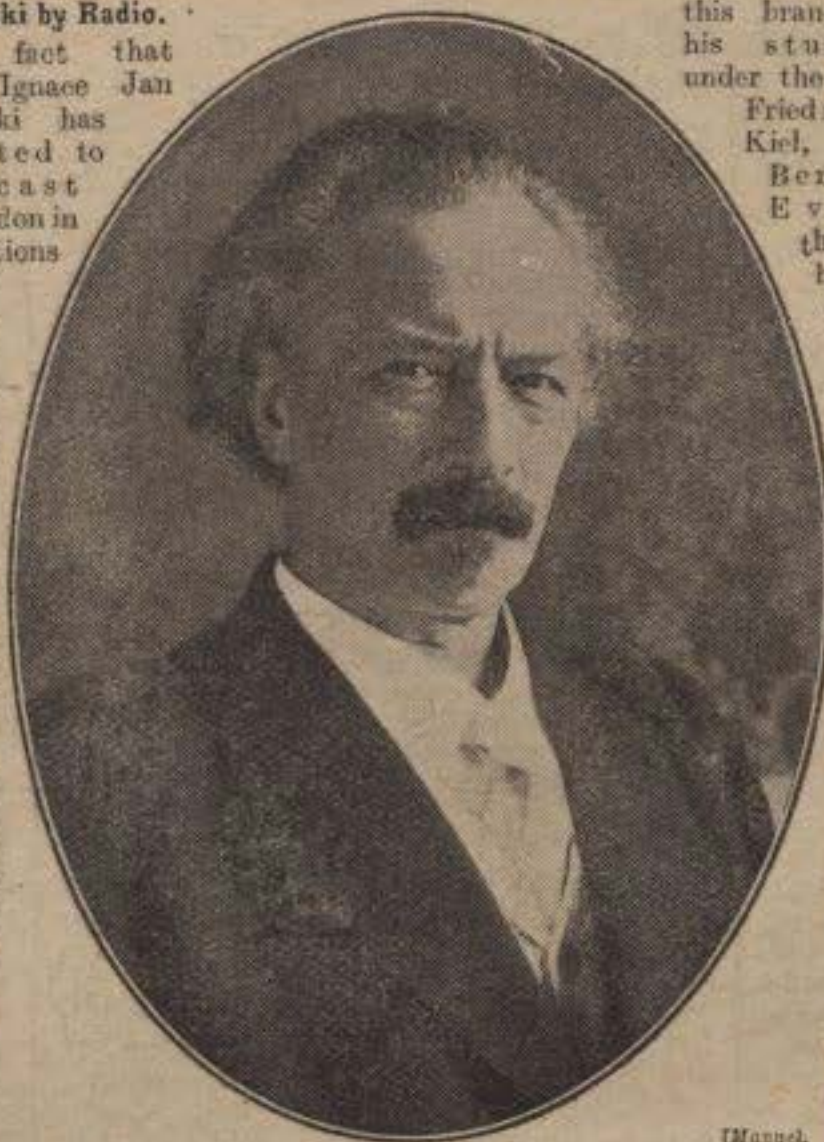
DISTINCTIVE.

"Don't forget to come round to my place this afternoon. You'll find the house all right. It's the one without an aerial!"

PEOPLE YOU WILL HEAR NEXT WEEK.



Paderewski by Radio.
THE fact that M. Ignace Jan Paderewski has consented to broadcast from London in an all stations programme,



this branch of his studies under the late Friedrich Kiel, of Berlin. Even though he became



[Maurice Beck & Macgregor.]
Miss **CONSTANCE IZARD**, violinist, will be heard from Cardiff on Friday, March 20th.

[Lafayette.]
Mr. **HAMILTON HARTY**, the well-known conductor, who figures in the Manchester and High-Power Programmes on Thursday, March 19th.



I. J. PADEREWSKI.

on Sunday, March 15th, should be much appreciated by listeners. Paderewski is, without doubt, one of the world's greatest mu-

a teacher at the early age of eighteen, he had already undertaken his first tour, which included Russia, Siberia, and Roumania.



[Ferdyn.]
The Rt. Hon. Sir **WILLIAM JOYNSON-HICKS**, who is broadcasting from London on March 17th.



[Lafayette.]
Lady **ELSPETH CAMPBELL OF ARGYLE**, who broadcasts from Glasgow on Friday, March 20th.



[Russell.]
Sir **OLIVER LODGE**, the famous scientist, will speak at the London Station on Tuesday, March 17th.



Mr. **WALTER TODD**, entertainer, will broadcast from several stations next week.



[Fall.]
Miss **D. EVELYN DENYER**, who speaks from London on March 16th.

sicians, and he began to play the piano at the early age of three, some four years later being placed under a local teacher of Podolia, a province of Russian Poland. Subsequently, he went to Warsaw and gained there the basis of his great knowledge of harmony and counterpoint, and afterwards pursued



[Maurice Beck & Macgregor.]
Miss **GRACE IVELL** and Miss **VIVIAN WORTH**, appearing at Cardiff on March 20th.

Pieces in the Programmes.

A Weekly Feature Conducted by Percy A. Scholes.

BEETHOVEN'S "HARP" QUARTET.

(GLASGOW and DUNDEE, MONDAY.)

IT is a pity that such a nickname as "Harp Quartet" was ever given to this piece, because, by analogy with "String Quartet," this would mean a piece for four Harps. In reality, this so-called Harp Quartet is merely an ordinary String Quartet, which happens to contain some passages rather suggestive of Harp playing. Beethoven did not originate the name.

The "Harp Quartet" is the tenth of the seventeen String Quartets Beethoven wrote. It was written in his virile middle period. It consists of the usual four separate movements and is, of course, written for the usual instruments—two Violins, Viola, and 'Cello.

I.

This opens with a *Rather Slow* INTRODUCTION, all instruments playing in an undertone (Beethoven's own direction here is *sotto voce*). We soon break into the Movement proper (*Quick*), which is in the usual "First Movement" form (i.e., with two Main Tunes, their "Development" and their "Recapitulation"), but it would be unwise to try to listen to it analytically.

The special passage which gives the name to the Quartet may be described. Soon after the slow Introduction has closed, the Violins play fairly high, repeated chords, while the Viola and 'Cello play a *pizzicato* (plucked) tune. Then they change round. Later, this idea is developed, and certainly suggests a Harp.

II.

Slow, but not too slow. The Second Movement is, in design, a free, varied treatment of a song-like melody.

The First Violin (accompanied by the others) gives out the Tune, in its higher register. It is fairly long, and is smooth, and rather serious. Its subsequent treatment is elaborate.

III.

Very fast. This Movement has two main Sections.

The FIRST SECTION is almost entirely made out of a little four-note figure of one note three times repeated and followed by a lower note.

The SECOND SECTION starts with 'Cello running up and down the scale, over which the Viola soon adds a chant-like phrase of longer notes. This is the material of the whole Section.

After the Second Section, the First is repeated; then comes the Second again, and finally the First, plus a short Coda.

IV.

Allegretto con Variazioni (i.e., a "fairly quick piece with Variations"). The name almost sufficiently describes this last Movement. It is just a Tune with Six Variations (the last being somewhat extended).

The Tune itself is in two halves, each of which is repeated.

The Second Variation is a beautiful VIOLA SOLO (the other instruments sustaining chords most of the time).

In the Sixth Variation (*a little quicker*) a lovely effect (rather like that of a glorified barrel-organ) is produced; the 'Cello is softly reiterating a low note, over which the other three play absolutely smoothly.

STRING QUARTET BY FRANK BRIDGE—THE LONDONDERRY AIR.

(GLASGOW and DUNDEE, MONDAY.)

The late Sir Hubert Parry, one of the greatest of the historians of music, writing of folk-music in his *Evolution of the Art of Music*, cites the *Londonderry Air* as "one of the most perfect tunes in existence of a simple emotional type."

He analyses it in detail, showing how its material is used—repeated, intensified, building up to ever greater climaxes.

The Air, though apparently discovered by the professional musician only in recent times, has quickly become one of the best known tunes in these islands. The number of "settings" and "arrangements" of it is enormous, and many of them are gross anomalies, the folk-air being accompanied by harmonics quite out of keeping with its simplicity.

This String Quartet Movement is not exactly a mere "setting" of the Londonderry Air. He has made free use of its material. His Movement is of the present day in style but does not maltreat its theme.

DVORÁK'S 'CELLO CONCERTO.

(BOURNEMOUTH, MONDAY.)

Dvorák's 'Cello Concerto is not only one of his best works, but is also one of the best existing works for the instrument. It is written in three separate Movements, and scored for a fairly large Orchestra.

I.

Quick. The FIRST MAIN TUNE is given, without preliminary, by CLARINETS in their low, reedy register, joined at the third bar by BASSOONS an octave lower.

This Tune is really a MOTTO Theme, dominating this Movement and recurring in the last one. Now it is gradually brought to a climax.

Very soon after this has died down, a HORN plays a song-like SECOND MAIN TUNE, answered by CLARINET, then OBOE.

After a sudden climax, the SOLO 'CELLO enters with the First Main Tune. The rest of the Movement need not be described.

II.

Not too slow. The chief substance of this Movement consists in expressive, lyrical and decorative work for the Soloist. The chief Tune opens in CLARINET, accompanied by Oboe and Bassoons. The Solo 'Cello enters after the first phrase.

III.

Moderately Quick. Dvorák's instinct for musical colour led him to open the Main Tune of the Finale with HORNS; the very nature of the Tune is obviously that of a Horn-call.

The Soloist makes his entry with the Main Tune.

There are many other tunes introduced in this Movement, but the Main Tune just described is the one that should stick in one's mind, together with the *Motto* Theme from the First Movement, softly referred to in the Finale.

Copies of the text of the miracle play, *The Pilgrim's Progress*, which was relayed from the Opera House, Covent Garden, on Thursday, March 12th, may be obtained from the British Broadcasting Company, 2, Savoy Hill, W.C.2, and local stations at 6d., by post 7d. each.

A SHORT Beethoven programme will be broadcast from the Edinburgh Station on March 26th, the anniversary of Beethoven's death. Among items to be performed will be the Symphony in C Minor, No. 5, in its entirety, by a specially augmented orchestra, under the direction of Mr. Herbert More.

* * * *

DE GROOT and the Piccadilly Orchestra will give an afternoon performance from the London Studio on Sunday, March 22nd. It will contain items, all of which have been specially requested by listeners, including the "Rosenkavalier" Waltz, the Fantasy from *Manon*, Russian Folk Tunes, Liszt's "Liebesträume," and Liddle's "Abide With Me."

Listeners' Letters.

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

For Users of Valve Sets.

DEAR SIR,—May I give a suggestion to the B.B.C. that, if carried out, would be much appreciated by the majority of valve users, and furthermore, would not affect crystal users?

At present, all relay stations give their local programme on the same night, i.e., Friday, thus a great majority of listeners, most of whom can comfortably keep in touch with one main and two relay stations, are debarred from the London programme on that particular night. Now, if the local programmes of the relay stations were spread over the week, the London programme would always be available throughout the greater part of the country,

Yours, etc.,

Dewsbury.

W. R. G.

Are Short Waves Best?

DEAR SIR,—I notice that two of the German stations—Hamburg and Leipzig—are going to increase their power something like four times what it is at present. I hope to see the B.B.C. keeping ahead of these stations.

Even the new High-Power station, when transferred to Daventry, will not reach crystal users in the North. I suggest that the B.B.C. increase the power of either of the Scottish main stations, or start a simultaneous transmission from one of those stations, on a short wave-length, after the manner of KDKA's and WGY's transmissions.

I believe that the "short waves" have a far greater range than those used by the B.B.C.

Yours, etc.,

Lanark.

A. B.

Do You Understand Bach?

DEAR SIR,—I would like to add a few remarks in answer to your correspondent "E. L. B's," letter on "Do you understand Bach?"

It is amusing for a listener to write about a composer whom he frankly admits he does not understand. On his own admission, he is yoked to a partner who does understand Bach, and surely he would have been better advised to have made a study of the composer before writing what may be intended to be humorous, but which, nevertheless, is ridiculous.

I suppose "E. L. B." once went to school, and there, like most of us, had to study Euclid. He would meet the problem, "Prove the half equal to the whole," and, along with the rest of us, would exclaim: "Absurd! how can the half equal the whole?" However, as Euclid was part of the curriculum, he would set about to prove the problem. The argument he would go through in this problem would strengthen his powers of reasoning and understanding. Similarly, if he would take the trouble to understand the monumental compositions of Bach, he would again have to admit the same result.

Yours, etc.,

GEO. W. GAYTORPPE, L.T.C.L., A.R.C.M.
Pendleton.

Removing a Misapprehension.

DEAR SIR,—At the conclusion of my recent talk on "Bulls and Blunders," I made a request for contributions towards my fourth book, which I purpose bringing out some time next year. The response has been wonderful. One kind and generous listener, however, has sent me a cheque for ten guineas as a "contribution," which I have returned to him, with my appreciation and thanks.

Amongst those who listened to my somewhat hurried conclusion, some are evidently labouring under the misapprehension that I was seeking financial instead of literary contributions.

Yours, etc.,

Rathmines, Dublin.

J. C. PERCY.

(Continued on the facing page.)

Listeners' Letters.

(Continued from the previous page.)

Big Ben's Chime.

DEAR SIR,—Regarding Big Ben, there is much difference of opinion as to when the exact time is given by the signal. Some people say at the end of chimes, others at the first stroke of the hour. Who are correct?

Yours, etc.,

Cheadle Hulme, Cheshire.

E. M. P.

[The first note of the chime is the exact quarter, half, or three-quarter hour. In the case of the hour, the first stroke of the hour by Big Ben is the exact time signal.]

The Accompanying of Songs.

DEAR SIR,—Your correspondent, "A. F. C.," states that he listens more to the accompanist than to the singer, and if the pianist is feeble and weak, he at once shuts off till the item is finished.

It would be interesting to hear from a few eminent vocalists what they think would happen to anyone who played for them in a manner which would please "A. F. C." by drowning their voices with a torrent of sound.

I think that a song is spoilt when sung to an orchestral accompaniment, as the volume of sound often drowns the voice and spoils the effect.

Yours, etc.,

Leyton, E.

G. E. C.

In Praise of Atmospherics.

DEAR SIR,—Your correspondent, "Aviator," might mislead readers into imagining that no one has hitherto "put in a good word for atmospherics."

This is not the case. The advantage of atmospherics as a means of thunderstorm study is now a matter of some years' standing, and the first systematic work on the use of directional wireless as a means of thunderstorm location was inaugurated in these Islands, i.e., at the Meteorological Office, South Farnboro', in 1915.

On December 18th, last, Mr. R. A. Watson Watt read a paper before the Royal Aeronautical Society, on "The Beneficence of Atmospherics."

This paper deals in detail with work which has been done on the use of radio-telegraphic direction-finders for the location of thunderstorms and allied meteorological phenomena, considered especially from the point of view of their use as a warning to aviators. In particular, it gives the results of a series of directional observations made by coastal wireless stations in Britain. The intersections given by these bearings would apparently fall in regions of thunder or similar disturbance, and these regions are examined in detail and correlated with meteorological reports subsequently received.

It is shown that over all the cases examined, about 50 per cent. could have provided warnings of conditions dangerous for aviation in the regions concerned, and that the remaining 50 per cent. would almost all have indicated conditions when cautious navigation would still have been necessary.

The replacement of aural observations by continuous recording is also described, and a case quoted when two such recording stations (one at Aldershot and the other at Lerwick) were able to trace the track of a thunderstorm practically continuously from West of the Hebrides, over North and Mid-Scotland, to Scandinavia, Denmark, thence south-eastwards across Germany towards the Black Sea, a distance of over 1,500 miles.

Yours, etc.,

J. FLEMING HERD.

Radio Research Station, Langley, Bucks.

Wireless on the Waves.

The Many Joys of Listening at Sea.

THROUGHOUT the history of the world the service of the ship has been, in effect, a kind of bridge linking continent to continent, shore to shore. Until the coming of aircraft, it remained the one link for the transference of merchandise and passengers.

But even before the telegraph cable there was some connection for intelligence between the early vessels and the land, for the Vikings were known to take with them to sea birds which could be sent into the air, and the direction of their flight within reasonable distance would indicate the direction of the land. During the war, many of our patrol-craft in the North Sea which had not yet been fitted with wireless employed pigeons for transmitting intelligence.

Changed Relations.

Still, it is wireless telegraphy which has absolutely changed the relation of the shore to the ship ever since that year when Marconi made his important experimental voyages across the Atlantic in the *Lucania*. For it meant that the bridge across the sea was now opened for the transmission of news and messages. Thus, the period of progress had begun when the ocean was no longer lonely, when the land could always keep in touch with its shipping. What it has done for the convenience of travellers, for the safety of vessels at sea; what it has done for aiding navigation; what it did in the war by keeping the Fleet-at-sea aware of the enemy's movements, we all know too well in these days. In a word, wireless has entirely revolutionized the relations between the commercial vessel and its owners, and between the warship and the Admiralty.

Keeping the Crew Happy.

But there still remains the pleasure vessel, the yacht. And it is here that the broadcasting of news and entertainment has begun still another revolution. This innovation into this special sphere is only just beginning to be appreciated. The other day, one of my friends in fitting out his steam yacht for an ocean voyage made special arrangements that the crew in the fo'c'sle should have their listening apparatus for their own private use.

Only those who have had command of ships at sea know the immeasurable value of anything which keeps a crew happy and relieved of monotony. A contented crew means a happy ship, and that spells efficiency, when men go about their duties contentedly, when they know that their watch below will be relieved by something that appeals to their minds and emotions. In that respect broadcasting is one of the greatest gifts which the shore ever gave to the ship.

Bringing News to Lonely Harbours.

But it is in the smaller craft that wireless broadcasting has become of even more value, and certainly will soon be almost universal. Small craft navigating the northern waters of Europe find their way for the night into all sorts of lonely creeks and harbours, where often there is no habitation, and, in any case, a daily paper is unobtainable. By reason of their size, these little vessels, up to, say, thirty tons, have to watch the weather with consistent fidelity.

I remember how useful it was during one spell of a low barometer to find that the small ship anchored next to us possessed a receiving set. We were able to get the weather report for the next few hours and to make arrangements for putting to sea with confidence. Many provincial towns possess no evening journals, and even when they do, they omit all weather forecasts.

Therefore, broadcasting has come as a boon to yachtsmen navigators.

Similarly, the news and the entertainment thus picked up have made the nights in port, or solitary cove, so pleasant that the shore has ceased to have the same attraction. I remember one wild day in Dutch waters a few years ago when it rained and blew with gale force and we were compelled to put into one of the loneliest harbours in the whole of Europe. There was no town for many miles, there were no papers, there was absolutely no shore attraction whatsoever; not even a café. The scenery was desolate, even a walk ashore was attended with difficulty. But we had a receiving set and we heard music from a Dutch station and a violin solo from Paris.

A Treat at Torquay.

Last summer and the summer before I had reason again to be thankful for this means of receiving music and news during tedious hours when compelled to keep in harbour. In one case a neighbouring yacht had a loud speaker which picked up Paris and gave us a really first-class concert in Yarmouth Harbour, Isle of Wight. On another occasion, a similar treat was enjoyed one unpleasant night in Torquay Harbour. We had the news of the day, we had music to make us forget the rain and wind, and then there was the weather report (most important of all) to warn us to keep where we were because of an approaching depression from the Atlantic or to gladden our hearts with the news that an anti-cyclone was coming from the Azores.

Thus, in a certain very special sphere broadcasting has come not merely as a luxury, but as a very valuable addition to the yacht's inventory. The time will certainly come when hardly a small yacht will be without its receiving set. At present, it is almost exclusively in the steam yachts and motor yachts that this has so far been employed.

Aerials on the Masts.

There has, of course, been a prejudice against broadcasting in respect of small yachts, but this is now dying quickly. Bad manners will be found to spoil any invention, and no one can tolerate the thoughtless people who ruin the comfort of other craft, whether by gramophone, or piano, or broadcasting. But, otherwise, there is a great future for compact receiving sets that are not too lightly constructed and not too expensive. The aerial can be arranged so as to be hoisted up the mast, if preferred, after harbour is reached and sail has been stowed. In the case of the two-masted craft—schooners, yawls and ketches—quite a fair spread can be got from foremast to mizzen. But even in cutters the bowsprit-to-masthead arrangement is quite feasible for harbour use. In the case of the modern popular motor yacht which sets no sail, there is, of course, no difficulty in receiving when at sea.

Unwire to Prophecy.

So much has been done in such a short time that it would be unwise to prophesy. But the man or family who have been accustomed to their programmes at home will now find that when they go to sea yachting they are indebted even still more to this dissemination of news and entertainment. It is a means of affording pleasure not merely to themselves, but to their crew and their neighbours. The weather report alone may save the ship from a dangerous passage and, perhaps, some day even from disaster. Yes: this new bridge between shore and ship is a very wonderful thing, and it is going to have an amazing influence.

E. KESBLE CHATTERTON.

WIRELESS PROGRAMME—SUNDAY (March 15th.)

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

2LO LONDON. 365 M.

Orchestral Programme.

- EMILIA CONTI (Soprano).
 GEORGE BAKER (Baritone).
 THE WIRELESS ORCHESTRA:
 Conducted by DAN GODFREY, Junr.
- 3.0. The Orchestra.
 Grand March, "The Queen of Sheba" *Gounod*
 Overture, "Korymbos" *Weber*
 "March of the Little London Soldiers" *Piccini*
- Emilia Conti,
 "Amarilli" *Caccini*
 "Vittoria, Vittoria" *Carissimi*
 "Nebbia" *Respighi*
- 5.30. The Orchestra.
 Moorish Dance *Howard Carr*
 Suite, "Avec les Gentes de Grèce" *Peise*
 George Baker, with Orchestra.
 "The Lindesay Whisp'er" ("Melusina") *Heinrich Hofmann*
 "Pepita" *Eric Coates*
 "The Pipes of Pan" *Elgar (1)*
- 4.0. The Orchestra.
 Ballet Suite, "Sylvia" *Debussy*
 Emilia Conti at the Piano
 "J'ai pleuré en Béno" *Huc*
 "Non m'amate più" *Posti*
 "Neapolitan Song" *Natill*
- The Orchestra.
 "Sabbath Morning" *Partridge*
 "Anbade" *Barlinson (11)*
- 4.30 (approx.).—Suite, "Incidental Music to a Pantomime" *Leslie Woodgate*
 George Baker.
 "The Snowy Peasated Pearl" *arr. Somerville*
 "Isobel" *Frank Bridge*
 "Diaphenia" *Harold Samuel (1)*
- The Orchestra.
 Three African Dances *King*
- 5.0-5.30.—CHILDREN'S CORNER. *S.B. from Aberdeen.*
- 8.30.—Hymn, "O Thou Who Dost to Man Accord" (A. and M., No. 86).
 Bible Reading.
 Anthem, "O Saviour of the World" *Goas (11)*
- Address: Rev. BASH, S. BATTY, of Christchurch, Down Street.
 Hymn, "Thy Way, Not Mine, O Lord" (A. and M., No. 265).
- 9.0. **Pianoforte Recital**
 by
PADEREWSKI.
 (For particulars see centre column.)
- 10.15.—TIME SIGNAL FROM GREENWICH.
 WEATHER FORECAST and GENERAL NEWS BULLETIN. *S.B. to all Stations.*
- Local News.
- 10.30.—Close down.

5IT BIRMINGHAM. 475 M.

- 3.0-5.0. **Chamber Music Programme.**
 THE EDNA WILLOUGHBY PIANOFORTE TRIO:
 GWENDA EATON (Violin);
 AUDREY EVANS (Violoncello);
 EDNA WILLOUGHBY (Pianoforte).
 MURIEL SOTHAM (Contralto).
- The Trio.
 Trio in C Minor, Op. 1, No. 3 *Beethoven*
 Allegro con Brío; Andante Cantabile con Variazioni; Menuetto and Trio; Finale—Prestissimo.
 Muriel Sotham.
 "O Could I But Express in Song" *Mutashkin*

ALL STATIONS PROGRAMME

9.0-10.15.

PIANOFORTE RECITAL

by

Paderewski.

- Sonata in F Minor, Op. 57 (Appassionata) *Beethoven*
 Allegro assai; Andante con moto; Allegro ma non troppo; Presto.
- Impromptu in A Flat *Schubert*
- Ballade in A Flat *Chopin*
 Nocturne in F Sharp Major *Chopin*
 Mazurka in B Flat Minor *Chopin*
 Valse, Op. 42 *Paderewski*
 Nocturne *Paderewski*
 Rhapsody, No. 2 *Liszt*

- "The Soldier's Wife" *Rachmaninov*
 "Secrecy" *Wolf*
 The Trio.
 Trio in D Minor, Op. 25 *F. E. Bach*
 Allegro con Moto; Andante con Espressivo; Finale—Allegro e Molto Appassionato.
 Muriel Sotham.
 "O Soft Was the Song" *Elgar (11)*
 "Morning" *Oley Speaks*
 "A Blackbird Singing" *Michael Head (1)*
 Audrey Evans.
 "Elegy" *Gabriel Fauré*
 Gwenda Eaton.
 "Romance" *Svendson*
 Edna Willoughby.
 Old English Melodies *arr. Herbert Fryer*
 "My Lovely Celia"; "Phyllis Has Such Charming Graces."
- 5.0-5.30.—CHILDREN'S CORNER. *S.B. from Aberdeen.*
- 8.30.—Hymn, "Christian, Dost Thou See Them?" (A. and M., No. 91).
 Religious Address by The Rev. R. J. BRYANT, Holy Trinity Church, Birchfields.
 Hymn, "Forty Days and Forty Nights" (A. and M., No. 92).
- 9.0-10.30.—Programme *S.B. from London.*

6BM BOURNEMOUTH. 385 M.

- 3.0-4.30.—BAND OF 1ST BATT. THE MIDDLESEX REGIMENT.
 DAN JONES (Tenor).
 Relayed from South Parade Pier, Southsea.
- 4.30-5.0. THE "6BM" TRIO:
 REGINALD S. MOUAT (Violin);
 THOMAS E. ILLINGWORTH (Cello);
 ARTHUR MARSTON (Piano).
 Trio in D Minor *Arensky*
 Allegro Moderato; Elegia; Finale.
- 5.0-5.30.—CHILDREN'S CORNER. *S.B. from Aberdeen.*
- 8.30. Choir of the Church of the Annunciation.
 Choirmaster, SIDNEY J. BINT.
 Motet, "Ave Verum" *Turner*
 Hymn, "I Met the Good Shepherd" (Westminster Hymnal, No. 63).

CHAPPELL and WEBER

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

The Rev. Father PERCIVAL TRIGGS:
 Religious Address.
 Hymn, "O Come and Mourn With Me Awhile" (Westminster Hymnal, No. 27).
 Motet, "Recordaie Virgo" *Birtchnell*

9.0-10.30.—Programme *S.B. from London.*

5WA CARDIFF. 351 M.

- 3.30-4.45.—EVENSONG, relayed from BRISTOL CATHEDRAL.
- 5.0-5.30.—CHILDREN'S CORNER. *S.B. from Aberdeen.*
- 8.30. CATHAYS WESLEYAN CHURCH CHOIR.
 Hymn, "My Heart and Voice I Raise" (Tune, "Hawalden") *Dr. C. J. Bridge*
 Hymn, "Drooping Soul, Shake Off Thy Fears" (Tune, "Tichfield") *J. Richardson*
 The Rev. ROBERT WATKINS, H.C.F., Cathays Wesleyan Church: Religious Address.
 Hymn, "Lord of All Being" (Tune, "Maryton") *H. Perry Smith*
 Benediction.
- 9.0-10.30.—Programme *S.B. from London.*
- 10.30.—"The Silent Fellowship."
- 10.45.—Close down.

2ZY MANCHESTER. 375 M.

- 3.0-5.0. HEBDEN BRIDGE BAND:
 Conductor, S. TOWNSEND.
 LYDIA STEAFEL (Soprano).
 WALTER HAYTHORNTHWAITHE (Bass).
 Band.
 March, "Mephistopheles" *Shirley Douglas*
 Overture, "Zampa" *Herold*
 Lydia Steafel.
 "Angels Guard Thee" *Godard*
 "Solveig's Song" *Grieg*
 Band.
 Selection, "Il Trovatore" *Verdi*
 Walter Haythornthwaite.
 "Within These Fair Bowers" *Mozart*
 "Song of the Volga Boatmen" *Cholapont-Kocneman*
 "The Midnight Review" *Glinka*
 Band.
 "Hungarian Rhapsody," No. 2 *Liszt, arr. Rimmer*
 Lydia Steafel.
 "Dream in the Twilight" *R. Strauss*
 Willow Song from "Othello" *Verdi*
 Band.
 Selection, "Rigoletto" *Verdi*
 Walter Haythornthwaite.
 "Arise, Ye Subterranean Winds" *Purcell (11)*
 "Myself When Young" *Lehmann*
 "The Garden of Allah" *Marshall (1)*
 Band.
 Hymn, "Silver Hill" (By Request).
- 5.0-5.30.—CHILDREN'S CORNER. *S.B. from Aberdeen.*
- 8.0.—S. G. HONEY: Talk to Young People.
 8.25. Choir.
 "Pange Lingua" *Palestrina*
 Religious Address by the Rev. T. L. PARKER, of St. Bede's College.
 "Adore to Devote" *Zdueta*
 "Ave Maria" *Arcadelt*
- 9.0-10.30.—Programme *S.B. from London.*

5NO NEWCASTLE. 400 M.

- BAND OF 7TH BATT. THE DURHAM LIGHT INFANTRY.
 (By kind permission of Brev. Col. A. H. Birchall, M.C., and Officers).
 Musical Director, Lieut. H. M. PELL.
 ROWLAND YATES (Baritone).

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 543.

WIRELESS PROGRAMME--SUNDAY (Mar. 15th.)

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

- 3.0. Band.
March, "Colonel Ward" Chessman
Overture, "Pique-Dame" Suppé
- 3.20. Rowland Yates.
"The Soldier" } Ireland
"Spring Sorrow" }
"The Bells of San Marie" }
- 3.30. Band.
Selection, "A Country Girl" ... Monckton
- 3.45. Rowland Yates.
"To Lucasta, on Going to the War" } Parry (11)
"If Thou Would'st Ease Thine Heart" }
- 3.55. Band.
Selection of Wilfred Sanderson's Songs
arr. Hume (1)
- 4.5. Rowland Yates.
Gipsy Songs Dvorak
"Silent Woods"; "Hark, My Triangle";
"Songs My Mother Taught Me"; "Tune Thy Strings."
- 4.15. Band.
Allegro Moderato Movement from "Unfinished Symphony" Schubert
- 5.0-5.30.—CHILDREN'S CORNER. S.B. from Aberdeen.
- 8.30. The "5NO" Choral Society Octet.
Hymn.
The Rev. Father LEATHER, O.P., of St. Dominic's Church: Address.
Hymn.
- 9.0-10.30.—Programme S.B. from London.

- 2BD ABERDEEN. 495 M.**
3.0-5.0.—MISCELLANEOUS CONCERT. S.B. from Glasgow.
5.0-5.30.—CHILDREN'S CORNER. S.B. to all Stations.
8.30. Union Grove Baptist Church Choir.
Psalm 51, v. 7-12—Tune, "St. Kilda."
Psalm 116, v. 1-6—Tune, "Kilmarnock."
The Rev. JACKSON S. CHEDBURN,
Union Grove Baptist Church: Religious Address.
Hymn No. 382 (Baptist Church Hymnal).
Hymn No. 383 (Baptist Church Hymnal).
9.0-10.30.—Programme S.B. from London.

- 5SC GLASGOW. 420 M.**
Miscellaneous Concert.
S.B. to Aberdeen, Edinburgh, Dundee and Belfast.
BESSIE SPENCE (Violin).
HERBERT A. CARRUTHERS (Piano).
MARY FERRIER (Soprano).
NEIL DONALDSON (Tenor).
3.0. Bessie Spence and Herbert A. Carruthers.
Sonata for Violin and Piano... César Franck
3.30. Mary Ferrier.
"Ave Maria" ("The Five Cross") Max Bruch
"Young Love Lies Sleeping" A. Somervell (1)
"A Summer Idyll" ... Coleridge-Taylor (5)
3.40. Neil Donaldson.
Biblical Songs Dvorak
"Hear My Prayer"; "Turn Thine to Me"; "Sing Ye a Joyful Song."
3.50. Herbert A. Carruthers.
"Carnaval" (Op. 9) Schumann
Prélude; Pierrot; Arlequin; Valse Noble; Eusebius; Florestan; Coquettes; Réplique; Sphinxes (Not Played); Papillons; A.S.C.H.—S.C.H.A. (Letters Dausantes); Chiarina; Chopin; Estrella; Reconnaissance; Pantalón et Columbine; Valse Allemande; Paganini; Aven; Promenade; Pause; Marche des Davidbündler contre les Philistins.

- 4.15. Mary Ferrier.
Song Cycle, "Little Dutch Tiles" Evelyn Sharp
- 4.25. Neil Donaldson.
Gipsy Songs Dvorak
"I Chant My Lay"; "Hark, My Triangle"; "Songs My Mother Taught Me"; "Cloudy Heights of Tatra."
- 4.35. Bessie Spence.
Introduction and Rondo Capriccioso Saint-Saëns
- 4.50. Mary Ferrier and Neil Donaldson (Duets).
"Noontide Heat" Goring Thomas
"When Thy Bosom Heaves a Sigh" J. Braham (25)
- 5.0-5.30.—CHILDREN'S CORNER. S.B. from Aberdeen.
- 8.30. Choir.
Hymn, "Lead Us, Heavenly Father, Lead Us" (Church Hymnary, No. 11).
The Rev. PROVOST TAYLOR, M.A., of Cambrae Cathedral, Millport: Religious Address.
Hymn, "Rejoice, the Lord is King" (Church Hymnary, No. 89).
Prayer.
Hymn, "All Hail the Power of Jesus' Name" (Church Hymnary, No. 91).
9.0-10.30.—Programme S.B. from London.

High-Power Station Programme.

(Continued from column 3.)

- Sidney Harrison.
Studies { "The Butterfly" } Chopin
 { "The Black Key" }
 { "The Revolutionary" }
- 10.30.—Close down.
- TUESDAY, March 17th.**
5.30-11.0.—Programme S.B. from London.
- WEDNESDAY, March 18th.**
5.30-11.0.—Programme S.B. from London.
- THURSDAY, March 19th.**
5.30-7.30.—Programme S.B. from London.
7.30-8.30. ROBERT CARR
presents
"THE GEORGIANS":
VIOLET WENDERBY (Soprano);
GERTIE VINCENT (Comedienne);
DOROTHY HOLDEN (Pianiste);
FRANK THORDEN (Entertainer);
HARRY HEARNE (Comedian);
ROBERT CARR (Baritone).
8.40-9.40. THE HALLE ORCHESTRA:
Conducted by HAMILTON HARTY.
Relayed from the
Free Trade Hall, Manchester.
"The Fountains of Rome" Respighi
Suite for Flute and Orchestra Godard
(Solo Flute—JOSEPH LINGARD.)
"Till Eulenspiegel's Merry Pranks" Strauss
"The Trumpet Voluntary" Purcell
(Arranged for Trumpets, Drums, and Organ
by Sir Henry J. Wood.)
9.40.—WEATHER FORECAST and NEWS,
relayed from London.
10.0-11.0.—Programme S.B. from London.
- FRIDAY, March 20th.**
5.30-10.30.—Programme S.B. from London.
- SATURDAY, March 21st.**
5.30-7.30.—Programme S.B. from London.
7.30-9.30.—Programme S.B. from Cardiff.
9.30-12.0.—Programme S.B. from London.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 543.

High-Power Station Programme.

5XII 1600 M

SUNDAY, March 15th

- 3.0-5.0.—Programme S.B. from London.
5.0-5.30.—CHILDREN'S CORNER. S.B. from Aberdeen.
8.30-10.30.—Programme S.B. from London.

MONDAY, March 16th.

- 5.30-7.30.—Programme S.B. from London.

Ballad Concert.

- MARIE FISHER (Contralto).
GALE GARDNER (Tenor).
PHYLLIS NORMAN-PARKER (Violin).
THE FOSTER-FOORD ENSEMBLE:
PHYLLIS CAREY FOSTER (Soprano).
MAY PETERS (Contralto);
STUART FOORD (1st Violin);
HERBERT DAVIES (2nd Violin);
WILLIAM BONNER (Viola);
WALTER KINSEY (Cello).

- SIDNEY HARRISON (Solo Pianoforte).
WILLIE ROUSE (Pierrot and Pierrette).
WINIFRED FAIRLIE (Entertainer).
KEL and ALVIN KEECH (Syncopated Songs).
7.30. Sidney Harrison.
Novelette, No. 2, in D Major... Schumann
Waltz from "Nana" Delibes-Dohnanyi
Willie Rouse (Pierrot and Pierrette).
Music and Humour.
Foster-Foord Ensemble.
"Early One Morning" Traditional, arr. Gervard Williams
"Sigh No More" Martin Shaw,
"Under the Green-wood Tree" arr. G. Williams
"I Know a Bank" Martin Shaw
Kel and Alvin Keech.
"Hawaiian Hula Medley,"
"Aloha Oe."
Banjulele Banjo Solo, "Rubinstein's Melody in F."
"Old Plantation" Nayo
"Follow the Swallow" Henderson (7)
Maria Fisher.
"The Cloths of Heaven" Dunhill (14)
"If You Were the Opening Rose" Hewitt (31)
- 8.30 (approx.). Gale Gardner and Phyllis Norman-Parker
In an Old Song Scene, including—
"Tell Her I Love Her."
"Londonderry Air" Old Irish
"Sally in Our Alley" Old English
"Kentucky Home" Negro Melody
"Loch Lomond" Scotch
- 8.45 (approx.). Winifred Fairlie will entertain.
- 8.55 (approx.). Sidney Harrison.
"Tocata" Debussy
"Prelude in F Sharp" Chopin
"The Erl-King" Schubert-List
Foster-Foord Ensemble.
"The Three Ravens" } Traditional, arr.
"The Maypole" } Gervard Williams
"A Croon" Herbert Howells, arr. Gervard Williams
- 9.20. Kel and Alvin Keech.
"I've Got a Feeling for Ophelia" Henderson (6)
"Doo-Wacka-Dee" Gaskill Donaldson and Harther (7)
"That's My Girl" McKiernan (31)
"Oh, Mabel" Fiorito (7)
"I'm Goin' South" Silver and Woods
- 9.30.—WEATHER FORECAST and NEWS, S.B. from London.
Mr. W. REES JEFFREYS. S.B. from London
Local News.
10.0. Marie Fisher.
"Child of the Flowing Tide" Martin Shaw
"Dancing Time in Kerry" Hampson
Willie Rouse (Pierrot and Pierrette),
Willie being, as usual, at the Piano.
(Continued in the previous column.)

WIRELESS PROGRAMME—MONDAY (March 16th.)

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

2LO LONDON. 365 M.

8.15-3.45.—Transmission to Schools: Mr. GEOFFREY SHAW on "Music."
 4.0-5.0.—Time Signal from Greenwich. "Vogues and Vanities," by Carmen of Cocksaigne. Music performed during Afternoon Tea at the Trocadero. "Famous Old Castles" —(2) "Pau in Beau," by Helen Twinnoc.
 5.30-6.15.—CHILDREN'S CORNER: "Why the Daisy's Petals are Pink," by Christine Chaudler. "Animals I Have Met" —(4) "The Black Bear," told by Capt. Mansfield. Music by Annie Sophie.
 6.40-6.55.—Miss D. EVELYN DENYER, "The Afghan Hound."
 7.0.—TIME SIGNAL FROM BIG BEN.
 WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. S.B. to all Stations.
 Prof. J. E. G. DE MONTMORENCY: "The History of Law." S.B. to all Stations. Local News.

Light Symphony Concert.

GORDON BRYAN (Solo Pianoforte).
 A. E. NICKOLDS and ALBERT H. HOWE.
 THE WIRELESS SYMPHONY ORCHESTRA:
 Conducted by DAN GODFREY, Junr.
 7.30. The Orchestra.
 Overture, "Rouslane and Ludmilla"

Glinka
 Variations on "Three Blind Mice"
Josef Holbrooke

8.10 (approx.). Gordon Bryan.
 Concerto for Piano and Orchestra, in A
Podolski
 Allegro; Romanza; Andante; Finale;
 Allegro molto vivace.

8.35 (approx.). The Orchestra.
 Symphony No. 4 in G..... *Dvorak*

9.15. (approx.). A Sketch for Broadcast by
 A. E. Nickolds and Albert H. Howe.
 "A KERN-STONE CONCERT."

George..... A. E. NICKOLDS
 Bill..... ALBERT H. HOWE
 A Music Hall Manager and "stealers".
 Scene: Outside the Gaiety Entrance
 to a Theatre.

Time: Just before doors open.
 9.30.—TIME SIGNAL FROM GREENWICH.
 WEATHER FORECAST and 2ND
 GENERAL NEWS BULLETIN. S.B.
 to all Stations.

Mr. W. REES JEFFREYS: "London's
 Bridges." S.B. to other Stations.
 Local News.

10.0. The Orchestra.
 Scherzo in D Minor..... *Lalo*
 Theme and Six Diversions..... *German* (11)
 "Shepherd's Hey"..... *Granger*
 10.30.—Close down.

5IT BIRMINGHAM. 475 M.

3.30-4.30.—The Station Wind Quintet. Frances
 Petty (Soprano).

5.0-5.30.—WOMEN'S CORNER: Sidney
 Rogers, F.R.H.S., "Horticultural Hints
 —Novel Fruits." Isabel Tolls (Soprano).

5.30-6.30.—CHILDREN'S CORNER.

6.30-6.45.—"Teens' Corner: Norman E. L.
 Guest, B.A. History Talk No. 11, "The
 Peasants' Revolt and Lollardy."

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

Prof. J. E. G. DE MONTMORENCY.
 S.B. from London.
 Local News.

Music and Plays.

THE STATION ORCHESTRA.
 DOROTHY BURNISH (Solo Pianoforte).
 THE STATION COMPANY OF
 PLAYERS:
 Directed by WILLIAM MACREADY.
 7.30. The Orchestra.
 Overture, "Athalie"..... *Mendelssohn*
 Selection, "The Grand Duchess" *Openbach*

The EXPERIMENTAL TRANSMISSION For Amateur Wireless Engineers will be carried out by the CARDIFF STATION, 10.30-11.0.

"CHARLIE'S ESCAPE."

A Farce in One Act by T. W. Robertson.
 Hannah..... HILDA POWIS
 Mrs. Boodle EDNA GODFREY-TURNER
 Charlie Cheddar WILLIAM MACREADY
 Mr. Boodle..... E. STUART VINDEN
 P. S. Berlins..... FRANK V. FENN
 Scene: A Room in Boodle's House.

8.35. Dorothy Burnish.
 Prelude and Fugue in D Major, No. 5 *Bach*
 "Etainelles" ("Sparks")... *Moszkowski*
 Valse, Op. 64, No. 2..... *Chopin*
 Scherzo in B Flat Minor, Op. 31 }
 8.55. "SAND."
 A Play in One Act.
 By Harold D. Margetts.

Capt. Bruce..... WILLIAM MACREADY
 Benson..... GEORGE ROBERTS
 Lt. Forrester } E. STUART VINDEN
 Mohammed Hassan }
 Col. Stanley..... FRANK V. FENN
 Joan Stanley EDNA GODFREY-TURNER
 Scene 1.—Capt. Bruce's Quarters.
 Scene 2.—The Desert—East of Suez.
 Scene 3.—Col. Stanley's Bungalow.
 The Orchestra.

March, "Boccaccio"..... *Suppé*
 Waltz, "Angelus"..... *Lottner*

9.30.—WEATHER FORECAST and NEWS.
 S.B. from London.
 Mr. W. REES JEFFREYS. S.B. from
 London. Local News.

10.0. Dorothy Burnish.
 Arabesque..... *Debussy*
 Hungarian Rhapsody, No. 12..... *Liszt*
 The Orchestra.
 Intermezzo, "Moonlight"..... *Lemarc*
 Selection, "Mirella"..... *Gounod-Tavan*
 10.30.—Close down.

6BM BOURNEMOUTH. 385 M.

3.45-5.0.—Fashion Talk to Women, by Louis de
 Mayo; Glynn Eastmann (Baritone). The
 ROYAL BATH HOTEL DANCE OR-
 CHESTRA, relayed from King's Hall
 Rooms. Musical Director, DAVID S.
 LIFF.

5.0-6.0.—CHILDREN'S CORNER.

6.0-6.30.—Scholars' Half-Hour: "Lord Shaftes-
 bury (the 7th)," by Hubert Hill.

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

Prof. J. E. G. DE MONTMORENCY.
 S.B. from London. Local News.

Twenty-First Symphony Concert.

THE WIRELESS AUGMENTED
 ORCHESTRA:
 Conductor,
 Capt. W. A. FEATHERSTONE.
 MAVIS BENNETT (Soprano).
 MAURICE COLE (Solo Pianoforte).
 BEATRICE EVELINE (Cello).

7.30. Orchestra.
 Symphony No. 4 in F Minor, Op. 36
Tchaikovsky
 Andante Sostenuto—Moderato con Anima;
 Andante in Modo di Canzone.

7.55. Mavis Bennett.
 "Lo, Here the Gentle Lark"..... *Bishop*
 "Songs My Mother Taught Me" *Dvorak*
 (With Flute Obligato.)

8.0. Maurice Cole.
 Ariette..... *Leonardo Leo*—17th Century
 Scherzo in E Flat Minor..... *Brahms*
 Mazurka in B Minor..... *Chopin*

8.15. Beatrice Eveline.
 Violoncello Concerto in B Minor... *Dvorak*

8.40. Mavis Bennett.
 "The River" (Eastern Folk Song)
P. D'Alba and Ed. Elgar (11)
 "An Eskay Love Lilt" (Scottish Folk
 Song)..... *M. Kennedy-Praser* (1)

8.45. Maurice Cole.
 "Confused Dreams"..... *Schumann*
 "Nocturne"..... *Debussy*
 "Gardens in the Rain"..... *Debussy*

8.55. Beatrice Eveline.
 "Andantino"..... *Kristler*
 "Village Songs"..... *Popper*

9.5. Orchestra.
 Symphony No. 4 in F Minor, Op. 36
Tchaikovsky
 Scherzo—Pizzicato Ostentato; Finale—
 Allegro con Fuoco.

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

Mr. W. REES JEFFREYS. S.B. from
 London. Local News.

10.0. Orchestra.
 Theme and Six Diversions..... *E. German*

10.15. Mavis Bennett.
 "I am Titania" ("Mignon")... *Thomas*

10.20. Orchestra.
 "Concert Overture Majestic" *Featherstone*

10.30.—Close down.

5WA CARDIFF. 351 M.

3.0-4.0.—Falkman and his Orchestra, relayed
 from the Capitol Cinema.

4.45-5.15.—"5WA'S" "FIVE O'CLOCKS."

5.15-6.0.—CHILDREN'S CORNER.

6.40-6.55.—Dr. Jas. J. Simpson, M.A., D.Sc.,
 "Romances of Natural History."

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

Prof. J. E. G. DE MONTMORENCY.
 S.B. from London. Local News.

The Charm of Variety—III.
 BELLA REDFORD (Mezzo-Soprano).

VICTOR CARNE (Tenor).
 GRACE DANIELS (Entertainer).

ARTHUR W. HAYES (Dickens Recitals).
 THE STATION ORCHESTRA:

Conductor, WARWICK BRAITHWAITE.
 THE "5WA" QUINTET:

VERA McCOMB THOMAS (Piano);
 HILARY EVANS (Fute);

GEORGE GILBERT (Clarinet);
 WILLIAM WEBER (Bassoon);
 GEORGE FRANCIS (Horn).

7.30. Quintet..... *Binsky-Koreakoo*

7.55. Bella Redford.
 "To the Forest"..... *Tchaikovsky*

"Bubble Song"..... *Martin Shaw*
 "Lullaby"..... *Cyril Scott* (4)

8.5. Arthur W. Hayes.
 "Nicholas and Squeers" ("Nicholas
 Nickleby")..... *Chas. Dickens*

8.20. Orchestra.
 Overture, "The Nymphs" *Sterndale-Bennett*

8.35. Victor Carne.
 "Willow Song" (1600)
Ed. by P. Warlock (5)

"If She Forsake Me" (1601) *R. Rossiter* (5)

"Who is Sylvia?"..... *Schubert*
 "Good Night"..... *Franz*

8.45. Arthur W. Hayes.
 "Sam Weller's Valentine" ("Pickwick
 Papers")..... *Chas. Dickens*

9.0. Bella Redford.
 "The Soldier's Wife"..... *Rachmaninov*

"Elegy"..... *Massenet*
 "I Got a Robe" (Negro Spiritual)
arr. H. T. Burleigh

9.10. Orchestra.
 Suite, "The Merchant of Venice" *Rossé*

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

Mr. W. REES JEFFREYS. S.B. from
 London. Local News.

A few more Reminiscences, by request.

10.0. Orchestra.
 March, "Stars and Stripes"..... *Sousa*

Waltz, "Salome"..... *Joyce* (7)

10.10. Victor Carne.
 "Drinking Song" ("Rose of Persia") *German*

"Gipsy Song" ("Gipsy Love")..... *Lehar*
 "My Dear Little Cingalee" ("The Cinga-
 lee")..... *Monckton*

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 of its publisher. A key list of publishers will be found on
 page 543.

WIRELESS PROGRAMME—MONDAY (March 16th.)

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

10.20. Orchestra.
Selection, "The Arcadians"
Monckton and Falbot

10.30-11.0.—Experimental Transmission for Amateurs.

2ZY MANCHESTER. 375 M.

3.0-3.30. } Concert by the "2ZY" Quartet
4.0-4.30. }
3.30-4.0.—Broadcast for Secondary Schools (Juniors): Mr. C. S. S. Higham, M.A., "Captain John Swift, and the Founding of Virginia."
4.30-5.0.—WOMEN'S HALF-HOUR: Stephanie Baker (Mezzo-Contralto).
5.0-6.0.—CHILDREN'S CORNER.
6.30-6.55.—J. F. Russell: "Musical Appreciation" (11).
7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Prof. J. E. G. DE MONTMORENCY. *S.B. from London.* Local News.
Symphony Concert.
ANNIE LORD (Solo Pianoforte).
ALEXANDER McCREDIE (Tenor).
THE "2ZY" AUGMENTED ORCHESTRA.
Conductor, T. H. MORRISON.

7.30. Orchestra.
Overture, "Figaro" *Mozart*
Alexander McCredie.
"Questa O Quella" ("Rigoletto") *Verdi*
"Gentle Spirit" ("Spirito Gentil") *Donizetti*
Annie Lord.
Concerto for Piano and Orchestra in A Minor *Grig*
Alexander McCredie.
"Rose Marie" *Molloy* (11)
"Sigh No More" *Aikin* (14)
"An Eriskay Love Lilt" *Kennedy-Fraser* (1)

Orchestra.
Symphony in C Major (The "Jupiter") *Mozart*
Allegro Vivace; Andante Cantabile; Minnetto, Allegretto; Finale, Molto Allegro.
Annie Lord.
Prelude in G Minor *Rachmaninov*
"Liebestraume" *Liszt*
"If I Were a Bird" *Henselt*
Orchestra.
Suite No. 1, "Peer Gynt" *Grig*
9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*
Mr. W. REES JEFFREYS. *S.B. from London.* Local News.
10.0.—DANCE MUSIC by the Orchestra.
10.30.—Close down.

5NO NEWCASTLE. 400 M.

3.45-5.15.—Arthur C. Moon (Bass). The Station Septet. Weekly News Letter. Constance Shipley, "Vienna in 1922."
5.15-6.0.—CHILDREN'S CORNER.
6.0-6.20.—Scholars' Half-Hour: Mr. Charles Wain, "Great Nature Books—White's 'Selborne,' II."
6.35-6.50.—Farmers' Corner: Mr. R. W. Wheldon, "Corn Pests" (1).
7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Prof. J. E. G. DE MONTMORENCY. *S.B. from London.* Local News.

Competition Programme.
(Awarded Second Prize in Recent Competition.)
GLADYS PALMER (Contralto).
NORMAN CURRY (Baritone).
ARCHIBALD FAIRBAIRN (Entertainer).
THE STATION ORCHESTRA;
Conductor, EDWARD CLARK.
7.30. Orchestra.
March, "Colonel Bogey" *Alford*
Overture, "The Flying Dutchman" *Wagner*

7.50. Norman Curry.
"All Joy Be Thine" *Sanderson* (1)
"Melisande in the Wood" *Goetz*
8.0. Archibald Fairbairn.
In Selections from his Repertoire.
8.15. Orchestra.
Selection, "The Cabaret Girl" *Kern*
8.25. Gladys Palmer.
"My Ain Folk" *Lemon* (1)
"The Lorelei" *Liszt*
8.35. Norman Curry.
"Don Juan's Serenade" *Tchaikovsky*
8.45. Orchestra.
Suite No. 1, "Peer Gynt" *Grig*
9.0. Archibald Fairbairn.
In further Selections from his Repertoire.
9.10. Gladys Palmer.
"Homing" *Del Riego*
"Kashmiri Song" *Woodforde-Finden* (1)

9.20. Orchestra.
Ballet Music, "Faust" *Gounod*
Waltz Song, "What'll I Do?" *Irving Berlin* (7)
9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*
Mr. W. REES JEFFREYS. *S.B. from London.* Local News.
10.0. THE "5NO" REPERTORY COMPANY.
"SHADES OF NIGHT."
A Fantasy in One Act by Robert Marshall.
Cast:
Capt. The Hon. Terence Trivett of the 21st Lancers NORMAN FIRMIN
Winifred Yester MARY PETTIE
Sir Ludovic Trivett (A Phantom) KENDREW MILSON
The Lady Mildred Yester (A Phantom) NORAH BALLS
Scene—The Haunted Room at Trivett Towers.
Period—To-day.
Produced by GORDON LEA.
10.30.—Close down.

2BD ABERDEEN. 495 M.

3.30-5.0.—Concert: The Wireless Dance Orchestra. Feminine Topics.
5.30-6.0.—CHILDREN'S CORNER: Auntie Addie will sing.
6.15-7.0.—Girl Guides' News Bulletin: Rita Reid, District Commissioner, "Stories Illustrating Knots." Boy Scouts' News Bulletin: Patrol Leader J. Penny (37th Troop), "The Second."
7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Prof. J. E. G. DE MONTMORENCY. *S.B. from London.* Local News.

Saint Patrick's Eve.
ROSE MYRTIL (Contralto).
CHRISTINE CROWE (Reciter).
THE "2BD" OPERATIC CHOIR.
THE WIRELESS ORCHESTRA.
Conductor: ARTHUR COLLINGWOOD.
7.30. Orchestra.
Overture, "Shamus O'Brien" *Stanford* (1)
Three Irish Dances *Ansell*
Rose Myrtil.
7.45. "I Know My Love" *Herbert Hughes*
"A Lover's Curse" (1)
"Molly Branagan" } *Rooney*
"The Wearin' o' the Green" }
8.0. Christine Crowe.
"A Lesson in Spelling" (Adapted) *Lynn Doyle*
8.10. "PHAUDRIG CROHOORE" *Stanford* (1).
Rendered by
The Choir and Orchestra.
8.40. Orchestra.
"Irish Rhapsody" *Stanford* (14)
8.55. Christine Crowe.
"Corrymeela" } *O'Neill*
"Forgettin'" }
"McGinty" } *Anon.*
9.5. Rose Myrtil.
"Slievenamon" }
"The Men of the West" } *Rooney*
"The Minstrel Boy" }
"The Boys of Wexford" }

9.20. Orchestra.
Two Irish Tone Sketches *O'Donnell*
9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*
Dr. R. W. LIVINGSTONE. *S.B. from Belfast.* Local News.
10.0. Orchestra.
"Irish Overture" *Volpi* (36)
"Erin Go Bragh" *De Witt*
10.15. Christine Crowe.
"The Battle of Moyocore" *Anon.*
10.20. Orchestra.
Selection, "The Shamrock" *Myddleton*
10.30.—Close down.

3SC GLASGOW. 420 M.

3.30-4.30.—An Hour of Melody: The Wireless Quartet and Joe Dalziel (Banjoist).
4.45-5.15.—WOMEN'S HALF-HOUR.
5.15-6.0.—CHILDREN'S CORNER: Ballads and Poems dramatized for the Children by Marion Henderson.
6.0-6.5.—Weather Forecast for Farmers.
6.40-6.55.—R. Buckeridge: Topical Talk.
7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Prof. J. E. G. DE MONTMORENCY. *S.B. from London.* Local News.

Chamber Music Programme.
S.B. to Dundee.
THE CATTERALL QUARTET:
ARTHUR CATTERALL (1st Violin);
JOHN S. BRIDGE (2nd Violin);
FRANK S. PARK (Viola);
JOHAN C. HOCK (Violoncello).
ROBERT RADFORD (Bass).

7.30. The Quartet.
Quartet in E Flat ("The Harp"), Op. 74 *Beethoven*
Introduction; Poco Adagio, Allegro; Adagio; Scherzo; Finale, Allegretto con Variazione.

8.5. Robert Radford.
Recit. and Aria, "Now Phœbus Sinketh in the West" *Arne*
"Desperato's Banquet" (The Masque, "The Floating Island") *Henry Lawes*
"The Song of Monus to Mars" *Boyer*
"The Owl is Aboard" *Henry Purcell*
"Arise, Ye Subterranean Winds" *Henry Purcell* (11)

8.20. The Quartet.
Quartet in G Major *Mozart*
Allegro Vivace Assai; Menuetto; Allegretto; Andante Cantabile; Finale, Molto Allegro.

8.50. Robert Radford.
"The Song of the Horn" *Flegier*
"Falstaff's Drinking Song" ("The Merry Wives of Windsor") *Nicolaï*
"Requiem" *Graham Peel* (1)
"Old Bard's Song" ("The Immortal Hour") *Rutland Boughton* (14)
"Molly Brannigan" *C. V. Stanford* (1)

9.5. THE STATION ORCHESTRA.
Conducted by
HERBERT A. CARRUTHERS.
Overture, "Men of Prometheus" *Beethoven*

"Suite Orientale" *Bergé*
Fête Arabe; Prière Hindoue; Danse Maresque; Danse des Mandarins.

9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*
Dr. R. W. LIVINGSTONE: "Some Views of Life in the Ancient World—The Epicurean." *S.B. from Belfast.* Local News.

10.0. The Quartet.
"Orientale" *Glazounov*
"Berceuse" *d'Osten-Sacken*
"Londonderry Air" *arr. P. Bridge*
"Canzonetta" *Mendelssohn*

10.15. Orchestra.
Valse, "Views of the Danube" *Erth*
March, "Sierra Leone" *Sajroni* (1)

10.30.—Close down.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 543.

Continental Broadcasting.

Owing to frequent changes of wave-lengths and times of transmission, absolute accuracy cannot be guaranteed, but each time we go to press with this list it will be carefully checked with the latest available information.

FRANCE.
EIFFEL TOWER (F1)—Paris, 2,600 m. (6 kw.)
DAILY: 6.40 a.m., Weather (exc. Sun.); 11.0. Markets (exc. Sun. and Mon.); 11.15, Time Sig., Weather; 2.45, 3.35, 4.30 * p.m., Stock Exch. (exc. Sun. and Mon.); 6 p.m., Con., News; 6.45 p.m., Paris Fashions. (in English)—temp.—(Wed. and Sat.)—7 p.m., 10.10. Weather (exc. Sun.). * On 1st and 15th of each month at 4.45 p.m.; 8.30 p.m., Con. relayed from PTT (Fri.). (Also testing on 1,500 m.)
RADIO-PARIS (SPR)—Paris, 1,780 m. (3-4 kw.)
SUNDAYS: 12.45 p.m., Orch.; 1.45, News; 4.45, Con.; 8.30 p.m., News; 9 p.m., Dance.
WEEKDAYS: 12.30 p.m., News, Stock Exch., Orch.; 4.30, Markets, Con.; 5.45, Stock Exch., News; Women's Hour: 8.53, Con.; 9 p.m., Time Sig., Dance (Thu.). Le Matin, Paris, provides a special con. every 2nd and 4th Sat. in each month, at 9 or 10 p.m. (SPR frequently relays 5XX after 10 p.m.)
ECOLE SUP. DES POSTES ET TELEGRAPHES (PTT)—Paris, 450 m. (400 w.)
2 p.m., Lec. relayed from Sorbonne University (Thu.); 3 p.m., Outside relay (Sat. irreg.); 3.45 and 5 p.m., Sorbonne Lec. relayed (Wed.); 4 p.m., Outside relay (irreg.); 8 p.m., English Talk (Tue.); 8.30, Lec. or Con. (almost daily), Con. relayed by FI on 2,600 m. (Fri.); 8.45 p.m., Lec. (Sun.); Organ Recital on 3rd Sun. each month; 9.35 p.m., Con. (Sun.). Power will shortly be increased.
LE PETIT PARISIEN—Paris, 345 m. (500 w.)
9.30 p.m., Con. (Tue., Thu., Sun.), Dance (Sat.).
LYON RADIO SUD-EST,
Testing simultaneously on 87 and 440 m.
TOULOUSE AERODROME (MKD)—1,525 m.
9.42 a.m., and 7.42 p.m., Weather (daily).
STATION DU PIC-DU-MIDI—350 m. (300 w.).
Testing.
GERMANY.
CASSEL (Relay Station)—288 m. (1 1/2 kw.). From Frankfurt.
DRESDEN (Relay Station)—280 m. (1 1/2 kw.). From Leipzig.
HANOVER (Relay Station)—200 m. (1 1/2 kw.). From Hamburg, also Concert daily, 4 p.m.
BREMEN (Relay Station)—330 m. (1 1/2 kw.). From Hanover.
NUREMBERG (Relay Station)—340 m. (300 w.). From Munich.
GLEIWITZ (Upper Silesia) (Relay Station)—Under construction.
HAMBURG—395 m. (1 kw.).
SUNDAYS: 7.55 a.m., Time Sig., Weather, News, Lec.; 10.0, Sacred Con., Chess; 12.0, Con., Lec.; 4 p.m., Children; 5 p.m., Con.; 6 p.m., English; 7 p.m., Con. or Opera, Sport, Weather, News; 9 p.m., onwards, as Weekdays. Will shortly be increased to 5 kw.
WEEKDAYS: 6.25 a.m., Time Sig., News, Weather; 7.30, Theatre News; 11.55, Time Sig.; 12.10, English (Wed.); 2 p.m., Political News, Markets; 3 p.m., Women; 3.30, Lec., Esperanto; 4.5, Lec., Markets; 5 p.m., Con., Lec.; 6.25 p.m., Lec., English (Tue. and Fri.); Spanish (Mon. and Thu.); 7 p.m., Weather, Con. or Opera; 9.0 p.m., Weather, Markets, Sport; 9.50 p.m., News (in English), Dance (daily, exc. Sun.).
MUNSTER—410 m. (1 1/2 kw.).
11 a.m., Sacred Con. (Sun.), News; 11.30 (weekdays); 11.55, Time Sig.; 2.30 p.m., Markets; 3.30 p.m., Children (Sun.); Lec. (weekdays); 6.40 p.m., Weather, Time Sig., Lec.; 7.25, Women, Con. or Opera; Dance (Sat.); 9 p.m., English, Esperanto or Spanish; News; Dance (Sat.).
ERSTLAU—418 m. (1 1/2 kw.).
10.15 a.m., Stock Exch., Weather; 11.0. Factory Con. (weekdays); Sacred Con. (Sun.); 11.55, Time Sig. (Sun.); Weather, Stock Exch.; 2 p.m., News (weekdays); 3 p.m., Children (Sun.); 4 p.m., Lec., Orch., Children (Fri.); 4.45, Con. (Sun.); 5 p.m., Shorthand (Sat.); Mch-Jongg (Wed.); 6 p.m., Esperanto (Mon.), English (Thu.), Shorthand (Wed.), Lec. (other days); 7.30 p.m., Con., Weather, Time Sig.; 8.30 p.m., Dance (Sat.), 9.15 p.m., (Mon.).
BERLIN (11)—505 m. (1 kw.).
8 a.m., Sacred Con. (Sun.); 9 a.m., Markets, News, Weather; 10 a.m., Factory Con. and Tests; 10.30, Educat. Hour (Sun.); 11.15, Stock Exch.; 12.0., Time Sig., News, Weather; 1.15 p.m., Stock Exch., 2 p.m., Educ. Lec. (Sun.); Markets (weekdays); 2.30, Children (Sun., Wed.); 3 p.m., Esperanto (Sat.); 3.30, Orch., French (Tue.); 5.30, Lec.; Women; 6 p.m., French Lesson (Mon.), Lec. (Tue.); 6.30, Lec.; English (Thu.); 7.0., Theatrical News (Tue.); 7.30, If Opera, usually at 6.30 p.m.; Con., Weather, News, Time Sig.; 9.30, Chess (Mon.); Dance until 11 p.m. (Thu., Sat., Sun.).
TELEUNKEN—290 m. (1 kw.).—Testing, Abt. 10.30 p.m. daily.
STUTTGART—443 m. (1 kw.).
6.30 a.m., Time Sig., Weather (weekdays); 10.30, Con. (Sun.); 3 p.m., Time Sig., Con., News (Sun.); Children (Sat.); 4.45 p.m., Children (Wed.); 6.30 p.m., Lec. (weekdays); 7 p.m., Con. (daily); 8.15 p.m., Time Sig.; 10 p.m., Weather, News, Dance (Sun.).
LEIPZIG—454 m. (700 w.). (Temp. w.l.)
7.30 a.m., Sacred Con.; 10 a.m., Educat. Hour (Sun.); 10.55, Markets, Orch., Time Sig.; 2 p.m., Markets; 3.30, Orch., Children (Wed.); 4.30, Lec. (Tue.); 5.30, Lec. (Tue.); Experimenters (Wed., Sat.); 6 p.m., Lec.; 7.15 p.m., Con., Weather, News; 9 p.m., Con. (not daily). Will shortly be increased to 5 kw.
KOENIGSBERG—463 m. (1 kw.).
8 a.m., Sacred Con. (Sun.); 10.15, Markets; 11.55, Time Sig., Weather; 1.15 and 2 p.m., Markets; 3.30, Children (Tue., Wed., Sat.), Orch.; 6.30 p.m., Lec.,

Esperanto (Thu., Sat.); 7 p.m., Con. or Opera; 8 p.m., Orch. or Lec., News, Dance (Thu., Sun.).
FRANKFORT-ON-MAIN—470 m. (1 1/2 kw.).
7.30 a.m., Sacred Con. (Sun.); 10.10, Stock Exch.; 10.55, Time Sig., News; 3 p.m., Children (Sun.); Markets (weekdays); 3.30, Con., Women; 4 p.m., Con. (Sun.); 5 p.m., Markets, Lec., Children (Wed.); 6 p.m., Lec. (daily), Shorthand (Wed.), Esperanto (Fri.); 6.30, Educat. Hour; 7 p.m., Lec., English (Mon.); 7.30, Con. (daily), Jazz Band (Fri.); 8.30 p.m., Time Sig., Weather, News, Dance or into Con. (not daily).
MUNICH—485 m. (1 kw.).
10.30 a.m., Lec. (Sun.), Con.; 1 p.m., News, Weather, Time Sig., Snow Forecast; 2 p.m., Con. (Sun.); 3 p.m., Lec. (Sun.); 3.30, Orch. (weekdays); 4 p.m., Orch. (Sun.), Children (Wed.); 5 p.m., Agricultural Talks (Mon.); 5.30, Con.; 6 p.m., Lec., English Lesson (Mon. and Fri.), Italian (Tue.), Esperanto (Thu.), Russian (Sat.); 7.30, Con. (daily); 8.30, News, Weather, Time Sig.; 9 p.m., late Con. (Sun.); Lec. (Tue.), Dance (Sat.).
KOENIGSWUSTERHAUSEN (LP)—Near Berlin.
2.450 m. (5 kw.). 6.30 a.m. to 7.40 p.m., Wolff's Press News. (At the end of each transmission announcer states time of next call.)
2.900 m. (6 kw.). 10.30 a.m., Con. (Sun.), Esperanto Lec.
3.150 m. (5 kw.). 6.45 a.m. to 6.45 p.m., News.
4,000 m. (10 kw.). 6 a.m. to 8 p.m., News Service.
AUSTRIA.
VIENNA (RADIO WIEN)—530 m. (1 kw.).
Daily: 8 a.m., Markets (exc. Sun.); 10, Con.; 12.5 p.m., Time Sig.; 12.20, Weather; 2.30, Stock Exch. (exc. Sun.); 3 p.m., News, Con.; 3.10, Children (Wed.); 5 p.m., Lec. (Tue., Wed., Thu., Sat.); Children (Mon., Fri.); 5.30 p.m., Women (Tue.); 6 p.m., News, Weather, Snow Forecast (Fri., Sat.); 7 p.m., Time Sig., Con., News; 9 p.m., Dance (Wed., Sat.).
GRAZ (Relay Station)—404 m. From Vienna, Testing.
INNSBRUCK (Relay Station)—Under construction.
BELGIUM.
BRUSSELS—265 m. (1 kw.).
Daily: 5 p.m., Orch., Children (Wed. and Thu.); Dance (Tue. and Sat.); 6 p.m., News; 8 p.m., Lec.; 8.15, News, Con.; 10 p.m., News.
HAAREN (BAY)—1,100 m. (250 w.).
Weekdays: 1 p.m., 2 p.m., 4.50 and 6.50 p.m., Weather.
CZECHO-SLOVAKIA.
KBELY (OKP)—1,160 m. (1 kw.).
Weekdays: 10.30 a.m., 12, 12.45 p.m., Stock Exch.; 4 p.m., Con. (Wed., Sat.); 6.30 p.m., Lec., News, Weather, Con. (Time Sig., 7 p.m.) daily; 10 a.m., Con. (Sun.).
KOMAROV (OKB)—1,180 m. (1 kw.).
1 p.m., Stock Exch., Weather, News (weekdays); 5.30, Con. (Thu.); 9 a.m., Con. (Sun.).
STRASNICE (Straschnitz)—430 m. (1 kw.). Testing.
DENMARK.
COPENHAGEN (Kjobenhavns Radiofonistation)—475 m. (1 kw.).
6.35 p.m., Notices, Lec., Con.* (Tue., Thu., Sat.).
*This Con. is also relayed by the Aalborghus Ship Station on 510 m.
LYNGBY (ONL)—2,400 and 2,700 m.
Weekdays: 6.20 p.m., News, Stock Exch. (2,700 m.); 8 p.m. and 9 p.m., News, Weather, Time Sig. (2,400 m.); Sundays: 5 p.m. and 8 p.m., News (2,400 m.).
EYVANG—1,190 m.
2 p.m., Con. (Wed.); 3 p.m., Con. (Sun.); 7 p.m., Con. (Fri.); 7.30 p.m., Con. (Tue.).
FINLAND.
HAELSIEKI—400 m. (temp. w.l.). Testing almost daily.
HOLLAND.
AMSTERDAM (PCFF)—2,125 m. (1 kw.).
Daily: 7.55 * a.m., to 4.10 p.m., News, Stock Exch., Time Sig. (9.55 a.m. and 4.10 p.m.). *Exc. Mon. and Sat. (10.10-11.10).
B.B.C. STATION ADDRESSES.
MAIN.
Address. Telephone No.
ABERDEEN 17, Belmont Street ... 2295
BELFAST 31, Lincenhall Street, Belfast. 5870-1
BIRMINGHAM 105, New Street Midland 293-19
BOURNEMOUTH 72, Holdenhurst Road ... 3463-1
CARDIFF 39, Park Place ... 2514-5
GLASGOW 21, Blythswood Square Douglas 1192-4
LONDON 2, Savoy Hill, W.C.2, Regent 6727
MANCHESTER Orme Buildings, The Parsonage City 9646-7
NEWCASTLE 24, Eldon Square, Central 5865
RELAY.
EDINBURGH 79, George Street, Central 9595
HULL 25-27, Bishop Lane, Central 5138
LIVERPOOL 85, Lord Street ... Bank 5018
PLYMOUTH Athenaeum Chambers, Athenaeum Lane ... 2283
SHEFFIELD Messrs. Union Grinding Wheel, Corporation Street, Central 4929
LEEDS-BRADFORD Cabinet Chambers, Basinghall Street, Leeds ... 25131
STOKE-ON-TRENT Majestic Buildings, Stoke-on-Trent, Hanley 1970
NOTTINGHAM 4, Bridlesmith Gate, Nottingham 6944 and 6945
DUNDEE 1, Loches Road, Dundee 5209
SWANSEA Oxford Buildings, Oxford Street ... Swansea 3107

AMSTERDAM (PA5)—1,050 m.
Con. 7.40 p.m. (Wed. only).
AMSTERDAM (PX9)—1,070 m. (400 w.).
8.40 p.m., Con. or Organ Recit. (Mon.).
HILVERSUM (HDO)—1,090 m. (2 1/2 kw.).
5.40 p.m., Children (Mon.); 7.40 p.m., Relay of Amsterdam Orchestra (Thu.); 7.55 p.m., Radio Talk (Wed.); Dance (Fri.); 7.40 p.m., Con. or Lec. (Sun.).
VOSSEGAT (B6)—1,050 m.
12.10 and 7.40, Weather.
SOESTERBERG—1,050 m.
7.20 p.m., Weather.
BLOEMENDAAL—Abt. 345 m.
9.40 a.m. and 4.40 p.m., Sacred Service (Sun.).
HUNGARY.
BUDA-PEST—New Station to open this month.
ITALY.
ROME (IRO)—425 m. (3 kw.).
Weekdays: 4 p.m., Orch.; Stock Exch.; 7.30 p.m., Time Sig., News, Con.; 8.15 p.m., News, Stock Exch.; Con.; 9.10 p.m., Dance; 9.20 p.m., Final News and Weather.
SUNDAYS: 9.30 a.m. Sacred Con.; 3.45 p.m., Children, Stock Exch.; 4.15 p.m., Orch. (relayed from Hotel di Russia); 4.45 p.m., Jazz Band; 7.35 p.m., Con.; 9.50 p.m., Dance.
JUGO-SLAVIA.
BELGRADE—1,650 m. (2 kw.).
5.30 p.m., Con., News, Weather (Tue., Thu., Sat.); Weather, News only (Mon., Wed., Fri.).
NORWAY.
OSLO—320 m. (wave-length not definitely fixed). (300 w.).
About 7.30 p.m., almost daily Tests.
POLAND.
WARSAW (Radiopol)—390 m.
5-6 p.m., Tests almost daily.
PORTUGAL.
LISBON (Aero-Lisbos)—375-410 m.
8.30 p.m., (Wed. and Fri., irreg.).
MONSANTO (CTV)—2,450 m. (15 kw.).
Tests (irreg.). 1.0 and 11 p.m., Weather.
RUSSIA.
MOSCOW—
CENTRAL WIRELESS STATION—1,450 m.
SUNDAYS: 12.45 p.m., Lec.; 3.30 p.m., News; 4.15 p.m., Con.
Weekdays: 1 p.m., Markets; 3.30 p.m., News or Con.
SOKOLNIKI STATION—1,010 m.
SUNDAYS: 9 a.m., Lec.; 10.0, Radio Talk; 1.30 p.m., Lec.; 2.30 p.m., Con.; 5 p.m., Lec. and Con. (Tue., Thu., Fri.).
TRADES UNION COUNCIL STATION—450 m.
5 p.m., Con. (Mon. and Wed.).
SPAIN.
MADRID (RD)—392 m. (3 kw.).
Daily: 10 p.m., Time Sig., Con., News; La Libertad Con. (Tue. and Fri.).
SUNDAYS: 4.30 p.m., Con. (irreg.).
BARCELONA (Radio-Barcelona) (BAJI)—325 m. (600 w.).
6 p.m., Lec., Stock Exch., Markets, Con. or relay of Opera; 8.30 p.m., News and Con.
SEVILLE (BAJS)—350 m. (1 kw.).
6.30 p.m., Con., Weather; 7 p.m., Time Sig., Lec. (irreg.), Con., News; 7.45 p.m., Con.
SWEDEN.
STOCKHOLM (SASA)—430 m. (500 w.).
SUNDAYS: 9.55 a.m., Sacred Service; 4 p.m., Children; 5 p.m., Sacred Service; 7 p.m., Con.; 8.30 p.m., News, Weather.
WEEKDAYS: 11.30 a.m., Weather, Stock Exch., Time Sig. (11.55); 6 p.m., Lec. (irreg.); 7 p.m., Con., Lec., News, Weather.
GOTHENBURG (SASB)—290 m. and 700 m. (500 w.).
10 a.m., Fishery Reports (on 700 m.); 11.55, Time Sig.; 7 p.m., * Programme S.B. from Stockholm.
MALMOE (SASC)—370 m. (500 w.).
11 a.m., Weather; 7 p.m.* Programme S.B. from Stockholm.
BODEN (SASE)—2,500 m.
6 p.m., Con. (Tue., Fri., Sun.), temp.
* Local programmes are also broadcast at times.
SUNDSVALL (SASD)—680 m. (temp.) 500 w. Testing shortly.
SWITZERLAND.
ZURICH (Hoegg)—515 m. (500 w.).
WEEKDAYS: 11 a.m., Weather; 11.55, Time Sig., Weather, News, Stock Exch.; 3 p.m., Con. (exc. Sun.); 5.15 p.m., Children (Mon., Wed., Thu., Sat.); 6 p.m., Weather, News (exc. Sun.); 7.15 p.m., Lec., Con., Dance (Fri.); 8.45 p.m., News.
GENEVA (HBI)—1,100 m. (500 w.).
Daily: 12.15, Lec. (exc. Sun.).
LAUSANNE (HB2)—850 m. (500 w.).
WEEKDAYS: 7.5 a.m., 12.30 p.m., Weather, Markets, Time Sig., News; 4 p.m., Children (Wed.); 5.55, Weather, News; 7 or 7.15 p.m., Con. or Lec. (daily), Dance (Thu. and Sat.).
PRINCIPAL AUSTRALIAN BROADCAST STATIONS.
SYDNEY (2BI)—350 m.
(2FC)—1,100 m. (5 kw.).
PERTH (6WF)—1,250 m.
MELBOURNE (3LO)—1,720 m.
AFRICAN STATIONS.
CAPE TOWN (WAMG)—375 m. (from 4.30 p.m.).
JOHANNESBURG (JIS)—400 m. (from 4.30 p.m.).
DURBAN—400 m.
GRAHAMSTOWN under construction.
PRINCIPAL U.S.A. AND CANADIAN BROADCAST STATIONS.
KGO—312 m. Oakland, Cal.
CNRA—313 m. Moncton, New Brunswick.
KDKA—326 m. East Pittsburgh, Pa.
WB—337 m. Springfield, Mass.
WMAFS—390 m. Dartmouth, Mass.
WGY—380 m. Schenectady, N.Y.
WJAX—395 m. Cleveland, Ohio.
WJY—403 m. New York City.
CKAC—425 m. Montreal, Ca.
CFAC—430 m. Calgary, Ca.
WJZ—455 m. New York City.
WEAF—492 m. }

WIRELESS PROGRAMME—TUESDAY (March 17th.)

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

2LO LONDON. 365 M.

- 1.0-2.0.—Time Signal from Greenwich. Music played during Luncheon at the Holborn Restaurant.
- 3.15-3.45.—Transmission to Schools: "The Countryside: History of an English Town," by Patricia Johnson.
- 4.0-5.0.—Time Signal from Greenwich. "Books to Read," by Ann Spice. "The Evolution of Stage Dresses," by Mrs. Lovat Fraser. Organ and Orchestral Music, relayed from Shepherd's Bush Pavilion. Songs by Vivien Lambelet.
- 6.30-6.45.—CHILDREN'S CORNER: "Mr. Samson Cat" from "Picture Tales from the Russian," by Valerie Carrick, translated by Neville Forbes. "Progress Through the Ages (3): Architecture," by W. J. Claxton.
- 6.40-6.55.—An Appeal on behalf of the Stepney Infant Welfare Centre, by the Rt. Hon. Sir WILLIAM JOYNSON-HICKS, Home Secretary.
- 7.0.—TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*
JOHN STRACHEY: Literary Criticism. *S.B. to all Stations.*
Local News.
- 7.30.—ST. PATRICK'S DAY PROGRAMME. (For particulars see centre column.)
- 9.30.—TIME SIGNAL FROM GREENWICH. WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN. *S.B. to all Stations.*
Sir OLIVER LODGE, F.R.S.: "Ether and Reality. Matter as a Form of Ether Energy. What an Atom is Like and What Becomes of it." *S.B. to all Stations.*
Local News.
- 10.0.—THE SAVOY ORPHEANS AND SAVOY HAVANA BAND, relayed from the Savoy Hotel, London. *S.B. to all Stations.*
- 11.0.—Close down.

5IT BIRMINGHAM. 475 M.

- 3.30-4.0.—Lozells Picture House Orchestra.
- 4.0-4.30.—School Transmission: Dr. ADRIAN C. BOULT (Conductor of the City of Birmingham Municipal Orchestra): "Musical Appreciation."
- 5.0-5.30.—WOMEN'S CORNER: Lt. Arthur E. Spry, R.N.V.R. (Secretary of the British and Foreign Sailors' Society): "Humour from the Emerald Isle." Ethel Williams (Contralto).
- 5.30-6.30.—CHILDREN'S CORNER: Uncle Pat: Recital of Irish Songs.
- 7.0-11.0.—Programme *S.B. from London.*

6BM BOURNEMOUTH. 385 M.

- 3.45-3.55.—Travel Talk to Women by Major Cooper-Hunt.
- 3.55-5.0.—"St. Patrick's Programme": The Wireless Orchestra: Conductor, Capt. W. A. Featherstone. Norma Fleming (Entertainer). John Collett (Baritone). Reginald S. Mount (Violin). Mary Lewis (Harp).
- 5.0-6.0.—CHILDREN'S CORNER.
- 6.0-6.30.—Scholars' Half-Hour: "Lithography," by Leslie Ward.
- 6.30-6.45.—Farmers' Talk: "Devon Cattle," by G. C. Alexander.
- 7.0-11.0.—Programme *S.B. from London.*

5WA CARDIFF. 351 M.

- 3.0-3.30.—Transmission to Schools: Miss Ivy Herbert on "The Way Music Has Grown."
- 3.30-4.0.—The Station Trio.
- 4.0-4.45.—The Carlton Orchestra, relayed from the Carlton Restaurant.
- 4.45-5.15.—"5WA'S" "FIVE O'CLOCKS": Mr. Isaac J. Williams, Keeper of Art, The

ALL STATIONS PROGRAMME.

Relayed from London.

St. Patrick's Day.

- FRANK MULLINGS (Tenor).
BARNEY O'REILLY (Entertainer).
JEROME MURPHY (Entertainer).
THE WIRELESS ORCHESTRA.
Conducted by DANGODFREY, Junr.
- 7.30. The Orchestra.
"Overture to an Irish Comedy" Ansell
- Waltz, "Irish Whispers" ... Ancliffe
- 7.45. Barney O'Reilly
Will Tell Irish Stories and Sing
"The Mountains o' Mourne."
"Phil the Fluter's Ball."
- 8.0. The Orchestra.
Jig from "Hibernian Suite" Roeckel
- "Irish Rhapsody" ... Stanford (1)
Frank Mullings, with Orchestra.
- "Kishmul's Galley" ... ("Songs of the He-bridges") arr. M. Kennedy-Fraser (1)
- "An Eriskay Love Lilt"
- "Sea Reivers Song" ...
- 8.20. Jerome Murphy and Barney O'Reilly
Renew Acquaintance. The Orchestra.
- 8.35. "Irish Tune from County Derry" ... Percy Grainger
Irish Reel, "Molly on the Shore"
- 8.45 (approx.).—An Interlude, "From My Window," by Philemon. Frank Mullings.
"The Gentle Maiden" arr. A. Somervell
- "Trottin' to the Fair" arr. Stanford
- "Quick! We Have But a Second" ...
- 9.0. Jerome Murphy
Returns to the Microphone. The Orchestra.
- 9.10. Selection, "The Shamrock" Myddleton
Patrol, "The B'hoys of Tipperary" Amers

National Museum of Wales: "The British School of Water-Colour Painters."

5.15-6.0.—CHILDREN'S CORNER.

6.40-6.55.—Mr. R. T. Evans, B.A.: "Economics of Everyday Life."

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

2ZY MANCHESTER. 375 M.

1.15-2.0.—Tuesday Mid-day Concert, relayed from the Houldsworth Hall. Chamber Concert by the Rhoda Backhouse String Quartet.

Orchestral Music, relayed from the 3.0-3.30. Oxford Picture Theatre. Conductor: S. Spurgin.

4.0-4.30. Broadcast to Schools: Mr. E. Sims Hilditch: "Musical Appreciation."

4.30-5.0.—WOMEN'S HALF-HOUR: Estelle Bridgford (Mezzo-Soprano).

5.0-6.0.—CHILDREN'S CORNER.

6.30-6.55.—Local Radio Society Talk.

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

5NO NEWCASTLE. 400 M.

St. Patrick's Day.

FLORENCE HICKS (Soprano).

AUSTIC McNAMARA (Bass).

HERMANN McLEOD (Solo Violin).

- 3.45. Florence Hicks.
"Believe Me if All Those Endearing Young Charms" ... arr. Moore
"I Wish I Were On Yonder Hill" ...
"Rory O'More" ...
- 3.55. Austin McNamara.
"The Dear Little Shamrock" ... Jackson
"Off to Philadelphia" ... Haynes (1)
- 4.5. Hermann McLeod.
"Irish Rhapsody" ... Stanford (1)
- 4.15. Florence Hicks.
"She is Far From the Land" ... arr. Moore
"Killarney" ...
- 4.25. Austin McNamara.
"O'Donnell Abou" (Old Irish War Song).
"The Songs My Mother Sang" Grimshaw (1)
"My Dark Rosaleen" ... Mengon (31)
"The Mountains o' Mourne" Percy French
- 4.45.—The Rev. A. M. O'BRIEN, O.P., on "St. Patrick."
- 5.0. Hermann McLeod.
Irish Reel ... Stanford (1)
Traditional Irish Airs.
- 5.15-6.0.—CHILDREN'S CORNER.
(Continued in column 1, page 571.)

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 543.

EVENTS OF THE WEEK.

SUNDAY, March 15th.

- LONDON and "5XX," 3.0.—Orchestral Programme.
- ALL STATIONS, 9.0.—Pianoforte Recital by PADEREWSKI.
- BOURNEMOUTH, 3.0.—Band of 1st Batt. the Middlesex Regiment.

MONDAY, March 16th.

- "5XX," 7.30.—Ballad Concert.
- BIRMINGHAM, 7.30.—Music and Drama.
- BOURNEMOUTH, 7.30.—Twenty-first Symphony Concert.
- MANCHESTER, 7.30.—Symphony Concert.
- ABERDEEN, 7.30.—"Saint Patrick's Eve."
- GLASGOW, 7.30.—Chamber Music Programme. The Catterall Quartet. Robert Radford.

TUESDAY, March 17th.

- ALL STATIONS, 7.30.—"St. Patrick's Day."
- BELFAST, 10.30.—New Prince's Frivolities, relayed from the Ulster Hall.

WEDNESDAY, March 18th.

- BOURNEMOUTH, 8.0.—Winter Gardens Night.
- NEWCASTLE, 7.30.—"Acis and Galatea" (Handel).
- BELFAST, 7.30.—Symphony Concert.

THURSDAY, March 19th.

- LONDON, 7.35.—Chamber Music.
- MANCHESTER and "5XX," 8.40.—The Hallé Orchestra: Conductor, Hamilton Harty.
- GLASGOW, 7.35.—Ballad Concert.

FRIDAY, March 20th.

- LONDON and "5XX," 7.30.—Popular Concert.
- GLASGOW, 7.30.—Clan Campbell Night.

SATURDAY, March 21st.

- CARDIFF and "5XX," 7.30.—Pre-War Reminiscences—II.
- NEWCASTLE, 7.30.—Popular Concert.

WIRELESS PROGRAMME—WEDNESDAY (March 18th.)

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

2LO LONDON. 365 M.

3.15-3.45.—Transmission to Schools: "Elements of Wireless—Strange Effects," by Mr. H. J. HINKS (Radio Association).
 4.0-5.0.—Time Signal from Greenwich. Concert: The "2LO" Trio and Renée Pelerin (Soprano). "My Part of the Country," by A. Bonnet Laird. "Eighteenth-Century Ceramics" (3), by Violet M. Methley.
 5.30-6.15.—CHILDREN'S CORNER: "Polyphepus," by Violet M. Methley. "The Buds Wake Up," told by M. Catherine Wiens. Music by Uncle Jeff.
 6.40-6.55.—Mr. W. F. F. SHEARCROFT: "The Adventures of a Snail."
 7.0.—TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*
 Miss ELEANOR SINCLAIR ROHDE. "Herbs and Fairies." *S.B. to all Stations.*
 Local News.

Military Band Night.

CONSTANCE WENTWORTH (Soprano).
 FREDERIC LAKE (Tenor).
 EDWARD DYKES (Bass).
 LOUIS HERTEL (Entertainer).
 HELENA MILLAIS (Actress Entertainer) ("Our Lizzie").
 THE "2LO" MILITARY BAND:
 Conducted by DAN GODFREY, Junr.
 The Band.
 March, "La Ritirata Italiana" ... *Drescher*
 Overture, "Light Cavalry" *Suppe*
 Edward Dykes.
 "She Alone Charmeth My Sadness" ("The Queen of Sheba") *Gounod*
 "Droop Not, Young Lover" *Handel*
 Constance Wentworth and Frederic Lake.
 "Miserere Scene" ("Il Trovatore") *Verdi*
 "Enchantment" ("The Passing Show") *Oliver* (8)
 The Band.
 Waltz, "Eugen Onegin" *Tchaikovsky*
 Frederic Lake.
 "When Other Lips" *Bolfe*
 "Yes, Let Me Like a Soldier Fall" *Wallace*
 Louis Hertel
 Entertaining.
 The Band.
 Slavonic Dance *Dezak*
 8.30. "Our Lizzie" Runs the Programme.
 In spite of the interruptions by "Mrs. Struggles" and others, it is hoped to include further Band Selections and the following songs: "The Lute Player" (Graham Peel), "At Grendon Fair" (Paul Marie) (1), "Spanish Gold" (Howard Fisher), by Edward Dykes; "Prince Charming" (Liza Lehmann) (1), "The Dance on the Lawn" (Montague Phillips), by Constance Wentworth; and further Duets by this Artist and Frederic Lake.
 9.30.—TIME SIGNAL FROM GREENWICH. WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN. *S.B. to all Stations.*
 British Drama League Lecture Recital: "The XIXth Century Revival." *S.B. to all Stations.*
 The Week's Work in the Garden, by the Royal Horticultural Society. *S.B. to other Stations.*
 Local News.
 10.20. The Band.
 "Tarantella Napolitano" *Julian*
 10.30.—Experimental Transmission directed by The Dramatic Producer.
 11.0.—Close down.

5IT BIRMINGHAM. 475 M.

3.30-4.30.—The Station Pianoforte Quintet. Marian Ivens (Soprano).
 5.0-5.30.—WOMEN'S CORNER: Harry N. Johnson (Solo Pianoforte). E. Dorothea Bercroft. General Interest Talk.
 5.30-6.30.—CHILDREN'S CORNER.
 6.30-6.45.—"Teens' Corner": J. Hay Marshall, M.B., Ch.B. (of the Birmingham Natural History and Philosophical Society), "Evolution."
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 Miss E. S. ROHDE. *S.B. from London.*
 Local News.
 7.30. Another Mystery Programme
 of
 VOCAL AND ORCHESTRAL ITEMS.
 No titles of pieces or names of performers will be announced, and Listeners are invited to send in their opinions as to the constitution of the Programme. A Prize of Two Guineas is offered for the entry which is most nearly correct. Entries must reach the Studio at 105, New Street, not later than first post on Friday, March 20th.
 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*
 British Drama League Lecture Recital. *S.B. from London.*
 Royal Horticultural Society Talk. *S.B. from London.* Local News.
 10.20.—Mystery Programme (Continued).
 10.30.—Experimental Transmission. *S.B. from London.*
 11.0.—Close down.

6BM BOURNEMOUTH. 385 M.

3.45-5.0.—Gardening Talk to Women by George Dance. The Bijou Military Band. Blanche Allen (Soprano). Lawrence Folker (Baritone).
 5.0-6.0.—CHILDREN'S CORNER: Uncle Jeck's Fairy League Talk.
 6.0-6.30.—Scholars' Half-Hour: "Home Scenes from an 18th Century Parsonage," by Mrs. Eric Sharpe, M.A.
 6.30-6.45.—Station Director's Talk.
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 Miss E. S. ROHDE. *S.B. from London.*
 Local News.
 7.30-8.0.—Interval.

Winter Gardens Night.

THE MUNICIPAL ORCHESTRA:
 Conducted by Sir DAN GODFREY.
 ELSIE FRANCIS-FISHER (Contralto).
 CHARLES HENRY (Humorist at the Piano).
 Orchestra.
 8.0. "Slavonic Rhapsody" *Friedemann*
 Overture { "Semiramide" *Rossini*
 "Invitation to the Valse" *Weber*
 Elsie Francis-Fisher.
 "A Memory" *Goring Thomas* (15)
 PHIL LEDINGTON (Solo Cornet).
 "Because" *Guy d'Hardelot*
 Orchestra.
 Selection, "Samson and Delilah" *Saint-Saens*
 Charles Henry.
 Interval.
 Orchestra.
 Suite, "Russian Ballet" *Luigini*
 "The Voice of the Bells" *Luigini*
 Elsie Francis-Fisher.
 "A Caution" *Barbara Melville Hope* (1)
 Orchestra.
 Selection, "Tom Jones" *Ed. German*
 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*
 British Drama League Lecture Recital. *S.B. from London.*
 Royal Horticultural Society Talk. *S.B. from London.*
 Local News.
 10.20-11.0.—Programme *S.B. from London.*

5WA CARDIFF. 351 M.

3.0-4.0.—Falkman and his Orchestra, relayed from the Capitol Cinema.
 4.45-5.15.—"5WA'S" "FIVE O'CLOCKS."
 5.15-6.0.—CHILDREN'S CORNER.
 6.40-6.55.—Mr. T. Wallace, M.C., M.Sc., Deputy Director of Long Ashton Research Station: "The Manuring of Grassland."
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 Miss E. S. ROHDE. *S.B. from London.*
 Local News.
 Musical Comedy Programme.
 LILLIAN LEWIS (Mezzo-Soprano).
 KINGSLEY LARK (Baritone).
 THE STATION ORCHESTRA:
 Conductor: WARWICK BRAITHWAITE.
 Orchestra.
 7.30. Selection, "San Toy" *Jones*
 Lillian Lewis.
 7.45. "When a Dream of ("The Love You Cherish" } Rebel } M.
 "Sail My Ships" .. { Maid } } Phillips
 Kingsley Lark.
 7.55. "Freedom" ("The Greek Slave") *S. Jones*
 "The Shade of the Palm" ("Florodora") *L. Stuart* (7)
 Orchestra.
 8.5. Selection, "Lischen and Fritzen" *Offenbach*
 Lillian Lewis and Kingsley Lark (Duets).
 8.20. "The Magic Waltz" ("The Last Waltz") *Straus*
 "That's What You Are to Me" ("The Street Singer") *Fraser-Simson*
 Orchestra.
 8.35. Selection, "The Street Singer" *Fraser-Simson*
 Kingsley Lark.
 8.50. "Long Ago in Alcala" ("Mirette") *Messenger*
 "I Love a Maid" ("Young England") *Clutsam*
 "Man is Master of His Fate" ("The Last Waltz") *Straus*
 Lillian Lewis.
 9.0. "Something Sweet About Me" ("Three Little Maids") *Robens*
 "Just for a While" ("The Last Waltz") *Geiger*
 "My Hero" ("The Chocolate Soldier") *Straus* (6)
 Orchestra.
 9.10. Selection, "The Girl Behind the Counter" *Talbot*
 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*
 British Drama League Lecture Recital. *S.B. from London.*
 Royal Horticultural Society Talk. *S.B. from London.*
 Local News.
 10.20. Orchestra.
 "Poupee Valsante" *Poldini*
 "Gaily Through the World" *Macbeth*
 10.30-11.0.—Experimental Transmission. *S.B. from London.*

2ZY MANCHESTER. 375 M.

3.0-3.30. Concert by the "2ZY" Quartet.
 4.0-4.30.—Broadcast to Primary Schools: Mr. B. E. Nicolls, B.A., Reading of Literature.
 4.30-5.0.—WOMEN'S HALF-HOUR: Marion Dodd (Soprano).
 5.0-6.0.—CHILDREN'S CORNER.
 6.30-6.55.—Major W. Peer Groves: "Across the Continent by Easy Stages" (3).
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 Miss E. S. ROHDE. *S.B. from London.*
 Local News.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 543.

WIRELESS PROGRAMME—WEDNESDAY (March 18th.)

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

Old Favourites.

- ALICE McILWRICK (Contralto).
- KLINTON SHEPHERD (Baritone).
- JAY KAY (The Dan Leno of Wireless).
- THE "ZY" ORCHESTRA:
Conductor, T. H. MORRISON.
- 7.30. Orchestra.
March, "Colonel Bogey".....Alford
- Selection, "La Cigale".....Audran
- 7.45. Alice McIlwrick.
"Annie Laurie"....arr. Liza Lehmann
- "Sweet Genevieve."
- "Home, Sweet Home".....Bishop
- Orchestra.
- "Life on the Ocean Wave"....Binding
- 8.19. Klinton Shepherd.
Selected Songs.
Orchestra.
- Selection, Tosti's Songs.
- 8.22. Jay Kay.
"The Bee-feater".....H. Darnley (7)
- 8.38. Alice McIlwrick.
"She Wore a Wreath of Roses"
J. P. Knight
- "The Banks of Allan Water."
- "Daddy".....A. H. Behrend (1)
- Orchestra.
- Barn Dance, "Top o' the Morning"
Pether (7)
- 8.55. Klinton Shepherd.
Selected Songs.
Orchestra.
- 9.7. "Melodious Memories".....Finck
- 9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
- British Drama League Lecture Recital.
S.B. from London.
- Royal Horticultural Society Talk.
Local News.
- 10.20. Jay Kay.
"Our Stores".....F. Eplett
- 10.30—11.0.—Experimental Transmission. *S.B. from London.*

5NO NEWCASTLE. 400 M.

- 3.45—5.15.—Fenwick's Orchestra. Hilda Vincent (Soprano).
- 5.15—6.0.—CHILDREN'S CORNER.
- 6.0—6.20.—Scholars' Half-Hour: Mr. A. Rae, M.A., "Epochs in British History—Hastings—The Making of England."
- 6.35—6.50.—Farmers' Corner: Prof. Gilchrist, Seasonable Notes.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
- Miss E. S. ROHDE. *S.B. from London.*
- Local News.
- 7.30. "Acis and Galatea."
(Handel).
Galatea..... MAVIS BENNETT
Acis..... JOHN PERRY
Damon..... HARRY BRINDLE
Polyphemus..... HARRY BRINDLE
- THE "5NO" CHORAL SOCIETY.
Chorus Master, RICHARD C. PRATT.
THE WIRELESS ORCHESTRA:
Conductor, EDWARD CLARK.
- 9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
- British Drama League Lecture Recital.
S.B. from London.
- Royal Horticultural Society Talk.
Local News.
- 10.20—11.0.—Programme *S.B. from London.*

2BD ABERDEEN. 495 M.

- 3.30—5.0.—Concert: The Wireless Trio. Margaret R. Booth (Contralto). Feminine Topics.
- 5.30—6.0.—CHILDREN'S CORNER: Instrumental Solos by the Uncles.
- 6.40—7.0.—The Rev. McIntosh Mowat, B.L., "Things That Matter—(3) Courage."

- 7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
- Miss E. S. ROHDE. *S.B. from London.*
- Local News.

A Light Programme.

- GLADYS PALMER (Contralto).
- HERBERT EWEN (Entertainer).
- DAISY MONCUR (Reciter).
- W. D. SIMPSON (Reciter).
- THE WIRELESS ORCHESTRA.
- 7.30. Orchestra.
Selection, "Oh! Oh! Delphine"....Caryll Gladys Palmer.
- 7.40. "A Song of Midsummer".....Sigurd Lie
- "Soft-Footed Snow".....}
- "The Swan".....}.....Grieg
- "Two Brown Eyes".....}
- 7.55. Herbert Ewen.
"And Yet I Don't Know".....} Weston and
- "Muldoon's Ball".....} Lee (7)
- 8.5. "THE CLOCK STRIKES TEN."
A Comedy in One Act by
A. G. Phrys-Jones and D. E. Hickey.
Cast:
Bernard Jeffreys (A Young Author)
W. D. SIMPSON
Dorothy Fleming (An Actress)
DAISY MONCUR
- 8.35. Herbert Ewen.
"She Wants to Marry Me"
Weston and Lee (7)
- "As Soon As They Heard My Voice"
Castling (3)
- 8.45. Orchestra.
Selection, "Betty"....Rubens and Steffan
- 9.0. Gladys Palmer.
"Crescent Moon".....Sanderson
- "Harbour Night Song".....Sanderson (1)
- "The Green Bonnets".....d'Hardelot
- "The Island of Gardens"
Coleridge-Taylor (1)
- 9.15. Orchestra.
Four Dances, "The Blue Bird" O'Neill (4)
- 9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
- British Drama League Lecture Recital.
S.B. from London.
- Royal Horticultural Society Talk. *S.B. from London.*
- Local News.
- 10.20. Herbert Ewen.
"Those Lips Shall Never Touch Mine"
Burnaby and Long (7)
- "The Man was a Stranger to Me"
Connor (3)
- "She Seems to Know"
Seyler and Bennet (7)
- 10.30.—Experimental Transmission. *S.B. from London.*
- 11.0.—Close down.

KEY LIST OF MUSIC PUBLISHERS.

1. Boosey and Co.
2. Curwen, J., and Sons, Ltd.
3. Herman Borewsky Music Publishing Co.
4. Ekin and Co., Ltd.
5. Enoch and Sons.
6. Feldman, B., and Co.
7. Francis, Day and Hunter.
8. Larway, J. H.
9. Lawrence Wright Music Co.
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12. Phillips and Page.
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35. Reid Bros., Ltd.
36. James S. Kerr.
37. Eclipse Music Publishing Co., Ltd.
38. The B. F. Wood Music Co.
39. Parcell, Haigh and Co.

5SC GLASGOW. 420 M.

- 11.30—12.30.—Mid-day Transmission.
- 3.30—4.0.—Broadcast to Schools.
- 4.0—4.45.—Musical Moments with the Wireless Quartet and Jenny Sillar (Soprano).
- 4.45—5.15.—WOMEN'S HALF-HOUR: Lady Parrott, "A Holiday in Finland."
- 5.15—6.0.—CHILDREN'S CORNER: Singing Lesson by Auntie Cyclone.
- 6.0—6.5.—Weather Forecast for Farmers.
- 6.40—6.55.—Mr. Alexander Proudfoot, A.R.S.A., "Sculpture."
- 7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
- Miss E. S. ROHDE. *S.B. from London.*
- Local News.
- Variety Programme.**
S.B. to Dundee.
- ANGUS MORRISON (Pianoforte Recital).
- F. ELLIOT DOBIE (Baritone).
- ENID HEWIT (Recital).
- THE STATION ORCHESTRA:
Conducted by
HERBERT A. CARRUTHERS.
- 7.30. Angus Morrison.
Concerto in the Italian Style.....Bach
Allegro; Andante; Presto.
- Ballade No. 1 in D Minor.....Brahms
- "Menuet".....Buxtehude
- "Trois Mouvements Perpetuels"
France Pouillon
- "Triana".....Albeniz
- 8.5. Orchestra.
Four Trifles.....Hewitt (31)
- "Nymph"; "Puck"; "Heather Bloom"; "Elf."
- 8.15. Enid Hewit.
Under the auspices of the Verse Speaking Association.
Three Sonnets.....Shakespeare
- "The Chronicle".....Abraham Cowley
- "Go, Lovely Rose".....Edmund Spenser
- "Out Upon It".....Sir John Suckling
- "To Meadows".....Robert Herrick
- "Why So Pale and Wan?"
Sir John Suckling
- "Gather Ye Rosebuds".....Robert Herrick
- "A Ballad Upon a Wedding"
Sir John Suckling
- "A Rose as Fair"
William Browne
- Sonnets: "The Parting".....Michael Drayton
- "On His Blindness"
John Milton
- 8.45. F. Elliot Dobie.
English Folk Songs: "When the King Enjoys His Own Again".....H. Boulton
- "Old Towler"
- Cornish Folk Song, "Where Be Going?"
arr. H. D.
- 8.55. Orchestra.
Selection, "Leap Year".....Stoddon (6)
- 9.10. F. Elliot Dobie.
Folk Songs: (Scots: "Scots, Wha Hae."
Welsh: "All Through the Night."
Irish: "Barney Bralligan.")
- 9.22. Orchestra.
Selection, "A Runaway Girl"
Caryll and Manckton
- 9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
- British Drama League Lecture Recital.
S.B. from London.
- Royal Horticultural Society Talk. *S.B. from London.*
- Local News.
- 10.20. Orchestra.
Valse, "Vision of Electra".....Lottet
- March, "Invincible Eagle".....Souza
- 10.30.—Experimental Transmission. *S.B. from London.*
- 11.0.—DANCE MUSIC, relayed from "The Plaza" Palais de Danse.
- 11.30.—Close down.

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

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

Curious Homes of Long Ago.

HULLO, children!

I suppose you all love your homes, however humble they may be. Here is a talk by W. J. Claxton, about the strange kind of homes that the children lived in in days long gone by.

The earliest form of house is believed to have been the lake-dwelling. If you should ever visit Berne, in Switzerland, and go into the public museum there, you will see a fine model of lake-dwellings. First, the rough wooden piles driven into the shallow shore, then the wood floor fastened to the tops of the piles, and finally, the huts, which were made of wood and sticks, and roofed with grass and rushes.

"Why did people choose these strange houses?" you ask. Probably because they would be protected from savage animals which roamed through the adjoining forests. It often happened, also, that one tribe would have a quarrel with its neighbours, and fierce fighting would follow, when, of course, the beaten tribe would seek refuge in its lake-village. The gangway which connected the houses with the shore could be pulled up so that the pursuers could not easily follow.

Fishing With Spears.

I think most boys and girls would have liked life in a lake settlement. There would be fishing to your heart's content. When people in those times wanted fish for dinner, they simply pulled up a trap-door in the floor and speared the fish in the water beneath. Then you could have enjoyed boating, paddling and basking in the sun. When you got tired of being indoors, you could trip across the gangway and wander in the thickets in search of wild fruits.

The next kind of houses appear to have been the cave-dwellings. At first, these were roughly-constructed underground pits scooped out of the ground, affording shelter from the weather and protection from savage animals.

As time went on, there was some attempt in building to a plan. A hut was made above the cave, and here man lived until driven below by the approach of his enemies. No doubt, these huts were very rough structures, with one floor, a narrow entrance through which one had to crawl on all fours, and a hole in the roof which served as a chimney.

Helped by the Romans.

During the century which followed the Roman invasions, the Britons made great progress in building houses. Under the guidance of their conquerors, they constructed beautiful villas, divided into numerous rooms arranged round a large courtyard. The Romans were the first people to use the arch in building.

All the Roman settlements were walled cities. Ruins of Roman walls are still to be seen at Chester, Colchester, Winchester, St. Albans, London and other cities.

After the Romans were recalled from Britain, their beautiful cities were much neglected and fell into decay.

The Saxons followed the Romans. These people could not bear town life; they much preferred to live in river-valleys, or in the forest-clearings. The houses of the people were very poor indeed, and were much like the tumble-down cottages of some of the Scottish crofters to-day, or the "cabins" of the Irish. Only the Earls and Lords of the Manor had comfortable well-built dwellings.

The Manor House was by far the most im-

portant building in the village. In the centre was a large hall, which had an enormous fireplace on which peat was stacked, and sometimes logs of wood. There was only one other fireplace in the house, and that was in the kitchen. All the rooms opened into the hall. A wide stairway led upstairs, and there was a large landing looking down into the hall. Generally, the walls were built of stone. Surrounding the Manor House were the smith's house, dairy, wash-house, coach-house, store-rooms, and smaller dwellings for the servants.

There was a great advance in the building of houses after Augustine and his monks arrived in this country. The old heathen idea was "every man for himself"; the Christian Faith taught love to one's neighbour, and soon law and order prevailed. Land was reclaimed from the marsh and the moor, and staked off and surrounded by a wall or fence.

The Hall and the Bower.

The Normans followed the Saxons. Their houses were built chiefly of timber, and were thatched with straw or twigs. Usually, there was some attempt made by the rich to set apart rooms for certain purposes. Thus, the main room was known as the *hall*. This was the general living-room, and corresponds to our dining-room of to-day. The women and children had a special room set apart for themselves, known as the *bower*.

Most of you are familiar with the kind of house built in the reign of Elizabeth. This was made chiefly of wood. There were massive beams running all along the walls which could be seen from the outside, and the roofs were in the form of a gable. There was great danger from fire, and frequently whole towns were destroyed after a fire had broken out in one house.

A PIRATE YARN.

By LANGFORD REED.



When the ruffians climbed aboard, they couldn't stand for slipping.

many a scar, as those of genuine pirates are, with one eye 'neath a shade. He'd but one tooth in his ugly head, but that as a tusk was long, and of all the wild and wicked crew of the pirate brig, the *Hullabaloo*, there wasn't a man so strong. He carried three pistols on either hip, and swords and daggers bare, and anyone would have taken him for a pirate, pitiless and grim—he had such a low coarse air!

And the favourite song of the pirate gang, at sea or on the dry land, was "Yo ho ho and a bottle of rum," which, I think you'll find, from a book does come, entitled "Treasure Island."

And they ravaged the seas from dawn till

dusk and many a good ship sank, and would never excuse a man of their crews from walking the fatal plank. And all was grist that came to their mill, nothing too great or small; from a leaky second-hand rowing boat to a galleon, trim and tall. Till they grew so rich that ev'ry man, whether ashore or aboard, did swagger about in fine new clothes, with buckled shoes and elegant hose, which they could well afford. But, however they dressed, they always looked a cut-throat, ill-bred gang of despicable, deep-dyed, dirty knaves, badly in want of washing and shaves, who all deserved to hang.

Let us turn awhile from Blacktooth Ben—I wish we could have sooner—to Archibald, the courageous son of Captain Emanuel Parker Dunn, of the saucy *Gluepot* schooner. Bound with a cargo of dripping from Greece, to London Docks was she. And besides her crew of twenty-one, the skipper had taken his little son, to bear him company.

They were three days out from the isles of Greece and the sea was nice and calm, when Captain Dunn spied a rakish craft, coming upfast three miles abaft, and shouted in alarm: "Now shiver my timbers and hoist my slacks, if I don't think that the rig of that craft astern, which does pursue, is that of the bad ship, *Hullabaloo*, the villainous pirate brig!"

Then Archibald sprang to his father's side, and cried in ringing tones: "We've British hearts, though we number few, shall we let those ruffians send us to the locker of Davy Jones? Listen, dad, I've a practical plan to give those scoundrels shocks. A layer of dripping I vote we spread across our decks on which we'll tread without our boots or socks. We can thus stand firm, but Blacktooth Ben, and his blustering booted horde, will slide and slip, then

the rogues we'll grip, and heave them overboard."

Archibald paused and looked around, then up spake an aged tar, who gave his slacks a nautical hitch, and said, "The youngster's plan is rich, though somewhat singular. I votes as how we try it now, if Captain Dunn's agreed; we'll teach that there piratical bloke to trifle not with hearts of oak, or boys of the bulldog breed."

Then in half-an-hour, or maybe less, the *Gluepot's* decks so white, were smeared with layers of dripping and fat, horrid to look at—but what of that? The cause of it all was right.

Meanwhile, the *Hullabaloo* drew near, with her cross-boned flag on high. And "Yo ho ho and a bottle of rum" came the vulgar song of the pirate scum. But it failed to terrify.

"Lay her alongside and board the swabs," yelled blood-stained Blacktooth Ben, "ere my cabin clock strikes half-past three, that trim little craft our prize shall be, and her sailors all dead men!" But when the ruffians climbed aboard, they couldn't stand for slipping, and, despite their efforts, were put to shame, for in less than a minute, each wretch became prostrated in the dripping!

And the British tars gave a hearty cheer and led by their captain bold, they tumbled them into the heaving sea and those not drowned got as wet as could be, and each caught a fearful cold. And he judged it best to resign his post, did blustering Blacktooth Ben, so became a food profiteer, ashore; 'twas all his life had fitted him for—the scorn of all decent men.

But Archie became an Admiral, and married a lovely girl, and grew famed and rich and much admired and when, in a few years, he retired, was made a belted Earl.

WIRELESS PROGRAMME—THURSDAY (March 19th.)

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

2LO LONDON. 365 M.

- 1.0-2.0.—Time Signal from Greenwich. The Week's Concert of New Gramophone Records.
- 3.15-3.45.—Transmission to Schools: "The Children in Dickens—Little Dorritt," Lecture-Recital by J. C. STOBART and R. E. JEFFREY.
- 4.0-5.0.—Time Signal from Greenwich. "More Letters of O Toyo, a Japanese School-girl," by C. Romanné James. Music performed during Afternoon Tea at the Trocadero. "A Lakeland Pilgrimage" (1), by Elise I. Spratt.
- 5.30-6.15.—CHILDREN'S CORNER: L.G.M. of the *Daily Mail*—Zoo Story. Stories of Finland told by Ethel Harding. Pianoforte solos by Melven Yeates.
- 6.35-6.55.—Ministry of Agriculture's Fortnightly Bulletin. Market Prices for Farmers. *S.B. to all Stations except Belfast.*
- 7.0.—TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*
Talk by the Radio Society of Great Britain. *S.B. to all Stations.*
Mr. ALLEN S. WALKER: "Architecture—The Cathedrals of Gloucester, Winchester, Manchester and Liverpool." *S.B. to all Stations.*
Local News.

Chamber Music Evening.

S.B. to other Stations.

ANNE THURSFIELD (Mezzo-Soprano).

ETHEL BARTLETT

(Solo Pianoforte).

THE WYNN REEVES STRING QUARTET:

(WYNN REEVES, GEORGE WHITAKER, C. A. YONGE, CHARLES CRABBE.)

- 7.35. The Quartet.
Movements from Quartet in A Minor *Schubert*
Allegro ma non troppo: Minuet and Trio; Allegro moderato.
Anne Thursfield.
"Waly, Waly" *arr. Sharp*
"Phyllis Was a Fair Maid" *arr. Lane Wilson (1)*
"My Lovely Celia" *Monro (1)*
"Nymphs and Shepherds" *Purcell*

- 8.0.—Poetry Reading:
RUTH ANDERSON.
Verses from "Omar Khayyám."

- 8.20. Ethel Bartlett.
Gavotte in G Minor *Bach*
Prelude and Fugue in A Minor *Bach-Liszt*
The Quartet.
Two Arrangements of Old Songs
Frank Bridge
"Sally in Our Alley"; "Cherry Ripe."

- 8.45. Anne Thursfield.
"The Birds" *Phyllis James*
"When I Bring You Coloured Toys" *Carpenter*
"O Men from the Fields" *Herbert Hughes (1)*

- "Early Morning" *Graham Peel*
"Go Not, Happy Day" *Frank Bridge*
Ethel Bartlett.
"Jeux d'Eau" ("Waterplay") .. *Ravel*
"Bruyères" ("Heather") *Debussy*
"Liebeslied" ("Love's Sorrow") (Old Vienna Waltz) *Kreisler-Rachmaninov*

- 9.10. The Quartet.
Movements from Quartet, Op. 41, in A Minor *Schumann*
Scherzo and Intermezzo; Adagio; Presto.

- 9.30.—TIME SIGNAL FROM GREENWICH. WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN. *S.B. to all Stations.*
Topical Talk. *S.B. to all Stations.*
Local News.

- 10.0.—THE SAVOY ORPHEANS AND SAVOY HAVANA BAND, relayed from the Savoy Hotel, London. *S.B. to all Stations.*
- 11.0.—Close down.

5IT BIRMINGHAM. 475 M.

- 3.30-4.30.—The Station Pianoforte Quintet.
5.0-5.30.—WOMEN'S CORNER: Recital of the latest Gramophone Records.
5.30-6.20.—CHILDREN'S CORNER.
6.20-6.35.—Teens' Corner: Frank Jones, "Grammar and Smiles."
6.35-6.55.—Ministry of Agriculture's Fortnightly Bulletin. Market Prices for Farmers. *S.B. from London.*
7.0-11.0.—Programme *S.B. from London.*

6BM BOURNEMOUTH. 385 M.

- 3.45-5.0.—Talk to Women: "London Papers," THE ROYAL BATH HOTEL DANCE ORCHESTRA, relayed from King's Hall Rooms, Musical Director, DAVID S. LIFF. Roma Howard and Charles Crayford (Entertainers).
5.0-6.0.—CHILDREN'S CORNER.
6.0-6.30.—Scholars' Half-Hour: "Resonance," by R. M. Clark, B.Sc.
6.35-6.55.—Ministry of Agriculture's Fortnightly Bulletin. Market Prices for Farmers. *S.B. from London.*
7.0-11.0.—Programme *S.B. from London.*

5WA CARDIFF. 351 M.

- 3.0-4.30.—WALTER TODD (Entertainer).
THE STATION ORCHESTRA:
Conductor, WARWICK BRAITHWAITE.
Orchestra.
Symphony in G Major (The "Military") *Haydn*
Walter Todd.
"The Art of Entertaining" *Grey (13)*
"My Bally Bungalow" *Tharp (13)*
Orchestra.
Intermezzo 1. ("Jewels of the Madonna") *Wolf-Ferrari*
Suite, "Three Heroes" *Howard Carr*
Walter Todd.
"The Knob on the Bathroom Door" *East (7)*
"There's a Ridiculous Question" *Pounds (13)*
Orchestra.
Suite, "The Miracle" *Humperdinck*
Walter Todd.
"Suspicious" *Grey (13)*
"Ye Goode Olde Days" *Herbert (13)*
Orchestra.
Overture, "Stradella" *Flotow*
March, "Old Comrades" *Teike*
- 4.45-5.15.—"5WA'S" "FIVE O'CLOCKS."
5.15-6.0.—CHILDREN'S CORNER.
6.35-6.55.—Ministry of Agriculture's Fortnightly Bulletin. Market Prices for Farmers. *S.B. from London.*
7.0-11.0.—Programme *S.B. from London.*

2ZY MANCHESTER. 375 M.

- 4.30-5.0.—WOMEN'S HALF-HOUR.
5.0-6.0.—CHILDREN'S CORNER.
6.35-6.55.—Ministry of Agriculture's Fortnightly Bulletin. Market Prices for Farmers. *S.B. from London.*
7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Radio Society Talk. *S.B. from London.*
Mr. ALLEN S. WALKER. *S.B. from London.* Local News.

Vocal and Instrumental Hour.

TOM CASE (Baritone).

FRED BROUGH and DAISY SHORROCKS (Violin Solos and Duets).

- 7.35. Fred Brough.
Nocturne in D Major .. *Chopin-Wilhelmj*
"Guitarro" *Moszkowski*
Tom Case.
"The Old Black Mare" *Squire*
"Cloze Props" *Walseley Charles (1)*
"Jane" *Lois Barker (1)*
Fred Brough and Daisy Shorrocks.
Duet for Two Violins, Op. 9 in E Flat *Spohr*
Adagio and Allegro.

- Tom Case.
"A Poet's Life" *Elgar*
"In Happy Moments Day by Day" *Wallace*
"O Lovely Night" *Landon Ronald (5)*
Fred Brough.
"Præludium in E" *Each-Weister*
"Zapeteado" *Sarasate*
- 8.40. THE HALLE ORCHESTRA:
Conducted by HAMILTON HARTY.
Relayed from the Free Trade Hall.
Relayed to "5XX."
"The Fountains of Rome" *Respighi*
Suite for Flute and Orchestra *Godard*
(Solo Flute, JOSEPH LINGARD.)
"Till Eulenspiegel's Merry Pranks" *Strauss*
"The Trumpet Voluntary" *Purcell*
(Arranged for Trumpets, Drums and Organ by Sir Henry J. Wood.)
- 9.40.—WEATHER FORECAST and NEWS, relayed from London. Local News.
10.0-11.0.—Programme *S.B. from London.*

5NO NEWCASTLE. 400 M.

- 11.30-12.30.—Elsie Mackenzie (Soprano). Tilly's Restaurant Orchestra.
3.45-5.15.—Susan Briggs (Contralto). The Station Trio, Elspeth Latham, B.A., "Some Poems of Victor Hugo."
5.15-6.0.—CHILDREN'S CORNER.
6.35-6.55.—Ministry of Agriculture's Fortnightly Bulletin. Market Prices for Farmers. *S.B. from London.*
7.0-11.0.—Programme *S.B. from London.*

2BD ABERDEEN. 495 M.

- 3.30-5.0.—Concert: The Wireless Trio, Arthur Copeland (Baritone). Feminine Topics.
5.30-6.0.—CHILDREN'S CORNER. Tommy and Betty again.
6.15-6.35.—Boys' Brigade News Bulletin: Lt. Arthur Thomson, 15th Company, "Suggestions on Running a Company—(4) Gymnastic Class."
6.35-6.55.—Ministry of Agriculture's Fortnightly Bulletin. Market Prices for Farmers. *S.B. from London.*
7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Radio Society Talk. *S.B. from London.*
Mr. ALLEN S. WALKER. *S.B. from London.* Local News.

Popular Evening.

MAVIS BENNETT (Soprano).

ANGUS MORRISON (Solo Pianoforte).

THE WIRELESS ORCHESTRA.

- 7.35. Orchestra.
Selection, "The Little Cherub" *Caryll*
Mavis Bennett.
7.45. Recit., "Crudele" ("Unkind Love") ("Don Giovanni") *Mozart*
Aria, "Non mi dir" ("Tell Me Not") *Mozart*
"Porgi Amor" ("Soothing Spells") ("Figaro") *Mozart*
Orchestra.
8.0. "Scottish Symphonic Dances" *Wright (1)*
"Down South" *Myddleton*
Angus Morrison.
8.15. "Tempo di Ballo" *Scarlatti*
"Le Bavolet Flottant" *Couperin*
"Musette en Rondeau" *Rameau*
"Caprice in C Minor" *Bach*
"Sonatine" *Ravel*
Orchestra.
8.35. Concert Valse, "The Grenadiers" *Waldteufel*
March, "The Gladiator" *Sousa*
Mavis Bennett.
8.45. "Rose Softly Blooming" *Spohr*
"Villanelle" *Dell'Acqua*
Angus Morrison.
8.55. Etudes Symphoniques, Op. 13 (Symphonic Studies) *Schumann*
Orchestra.
9.15. Suite, "Americana" *Theban*

9.30-11.0.—Programme *S.B. from London.*
(Continued in column 3, page 549.)

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 543.

WIRELESS PROGRAMME—FRIDAY (March 20th.)

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

2LO LONDON. 365 M.

1.0-2.0.—Time Signal from Greenwich. Music played during Lunch at the Hotel Metropole.
 3.15-3.45.—Transmission to Schools: "Malaya and The Netherlands East Indies," by Mr. PHILIP COOTE.
 4.0-4.30.—London Scholars' Half-Hour: Dr. HOLLAND, "Life and Work Among Indian Frontier Folk."
 4.30-5.0.—Organ Music relayed from Shepherd's Bush Pavilion.
 5.30-6.15.—CHILDREN'S CORNER: "The King of the Jackals," from "The Wiggly Weasel," by Mabel Marlowe. Stories by Mabel France. Violin Solos by David Wise.
 6.40-6.55.—Mr. E. LE BRETON MARTIN: "The Badger at Home."
 7.0.—TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. S.B. to all Stations.
 PERCY SCHOLES, the B.B.C. Music Critic. S.B. to all Stations.
 Local News.

Popular Concert.

STANLEY BECKET (Baritone),
 MABEL FRANCE (Entertainer),
 Mr. and Mrs. A. CORNEY GRAIN (Jean Tiller).
 "QUIPS."

THE WIRELESS ORCHESTRA:

Conducted by DAN GODFREY, Junr.

7.30. The Orchestra.
 March, "The God of Thunder" Howgill
 Overture, "Raymond" Thomas
 Mabel France.
 "Aunt Maria on Spring Cleaning,"
 Stanley Becket.
 Four Eastern Love Songs Douglas Grant (1)
 "Song to Miram"; "Shine, Opal Moon";
 "Thy Conqueror"; "The Silent
 Watcher."
 8.5. The Orchestra.
 Selection, "Primrose" Gershwin
 Mr. and Mrs. A. Corney Grain (Jean Tiller)
 present a Short Dual Entertainment.
 "God's Garden" (Dorothy Frances
 Gurney). Spoken by A. Corney Grain
 (Music by Jean Tiller).
 "Master 'Enery," (Jean Tiller). (Music
 by Chopin).
 "French, I Don't Think!" (A Telephone
 Sketch by A. Corney Grain and Jean
 Tiller).
 "Clinka"—A Dog Episode (Jean Tiller).
 Spoken by A. Corney Grain.
 "Albert and Clara at the Races" (A. Corney
 Grain and Jean Tiller).
 8.30. The Orchestra.
 "Rigaudon"
 "La Chaise à Porteurs"
 Mabel France.
 "Aunt Maria Goes Motoring,"
 Stanley Becket.
 9.0. Stanley Becket.
 "Songs of Sun and Shade"
 Coleridge-Taylor (1)
 "You Lie So Still in the Sunshine";
 "Thou Hast Bewitched Me, Beloved";
 "The Rainbow Child"; "Thou Art
 Risen, My Beloved"; "This Is the
 Island of Gardens."
 The Orchestra.
 Three Arabian Dances Ring
 Selection, "The Waltz Dream" Straus

9.30.—TIME SIGNAL FROM GREENWICH.
 WEATHER FORECAST and 2ND
 GENERAL NEWS BULLETIN. S.B.
 to all Stations.

Air Ministry Talk by Mr. ALAN COBHAM.
 S.B. to all Stations. Local News.

10.0. The Orchestra.
 One-step, "Amour Shimmy-ques" Bozi
 "QUIPS."
 "The World in Anecdote—No. 11, The
 Fighting Forces."
 The Orchestra.
 Bourrée and Gigue Edvard German (11)
 10.30.—Close down.

5IT BIRMINGHAM. 475 M.

3.30-4.30.—Lozells Picture House Orchestra.
 Doris Beesley (Soprano). Marjorie
 Hovord (Mezzo-Soprano). Norah Tarrant
 (Contralto).
 5.0-5.30.—WOMEN'S CORNER: Councillor
 Miss Bartleet, "As You Were." Gladys
 Joiner (Soprano).
 5.30-6.30.—CHILDREN'S CORNER.

6.30-6.40.—Teens' Corner: Monsieur R.
 Thibault, French Talk.
 7.0.—WEATHER FORECAST and NEWS.
 S.B. from London.
 PERCY SCHOLES. S.B. from London.
 Local News.

7.30.—English Lecture, relayed from the Cos-
 mopolitan Club. Mr. THOMAS J. KEN-
 NEDY, "Dr. Johnson and Dr. Dodd."

Mainly Musical Comedy.

THE STATION ORCHESTRA.

FLORENCE CLEETON (Soprano),
 CYRIL THOMPSON (Baritone),
 WALTER TODD (Humorist and Raconteur)

8.0. The Orchestra.
 March, "Viscount Nelson" Zehle
 Selection, "The Naughty Princess" Cuvillier
 Cyril Thompson.
 8.25. Cyril Thompson.
 "Star Of My Soul" ("The Geisha") Jones
 "Soldier's Scarlet Coat" ("Tom Jones")
 German
 "The Girl of My Heart" ("The Greek
 Slave") Jones
 8.35. Walter Todd.
 "My People"
 "Dartmoor Days" Woodhouse
 "Ideal Homes" Low (13)
 "Subleties" Burnaby (13)
 8.50. The Orchestra.
 Selection, "Kissing Time" Caryl
 9.5. Florence Cleeton.
 "Cleopatra's Nile" ("Chu Chin Chow")
 Norton (31)
 "Day by Day" ("My Lady Frayle")
 Talbot and Finck
 "Southern Love" ("A Southern Maid")
 Fraser-Simson
 9.15. The Orchestra.
 Gavotte from "Mignon" Thomas
 Selection, "Lady Madcap" Rubens
 9.30.—WEATHER FORECAST and NEWS.
 S.B. from London.
 Mr. ALAN COBHAM. S.B. from London.
 Local News.

10.0. Florence Cleeton.
 "I Wonder" ("The Rose of Araby")
 Morgan (31)
 "Ah, Who Shall Say That Love is Cruel?"
 ("Merrie England") German
 Walter Todd.
 "If the Missus Says It's Black" Stanley
 "I'm Gonna Bring a Watermelon" Rose (6)
 Cyril Thompson.
 "The Yeomen of England" ("Merrie
 England") German
 The Orchestra.
 Waltz, "The Count of Luxemburg" Lehar
 10.30.—Close down.

6BM BOURNEMOUTH. 385 M.

3.0-3.30.—Educational Talk: "Books, How
 and What to Read—A Writer's Work-
 shop," by J. C. B. Carter, B.A.
 3.45-5.0.—Cookery Talk to Women by Ada
 Featherstone. The Orpheus Quintet.
 5.0-6.0.—CHILDREN'S CORNER: Uncle
 Jack's Fairy League Talk.
 6.0-6.30.—Scholars' Half-Hour: "Spenser's
 'Faerie Queen,'" by Miss K. E. Brooks.
 6.30-6.45.—Farmers' Corner: "Poultry
 Diseases," by Capt. F. M. Doyle.
 7.0.—WEATHER FORECAST and NEWS
 S.B. from London.
 PERCY SCHOLES. S.B. from London.
 Local News.

"Revue and Entertainers."

THE WIRELESS ORCHESTRA.

Conductor,
 Capt. W. A. FEATHERSTONE.
 HELENA MILLAIS (Entertainer),
 ERNEST EADY (Baritone),
 EDITH POWELL (Soprano),
 A. E. NICKOLDS (Entertainer),

7.30. Orchestra.
 Selection, "The Bing Boys on Broadway"
 Ayer (6)
 7.45. Helena Millais.
 "Lizzie Runs the Programme."
 7.55. Ernest Eady.
 "Two Troubled Eyes" Percy Elliott
 "Little Old Garden" Thos. J. Hewitt (31)
 Edith Powell.
 8.0. "Two Little Dover Soles" V. Smith
 "Jest Her Way" G. Aitken
 "Irene" James Montgomery
 Orchestra.
 8.10. Selection, "Hullo, America!" Finck
 A. E. Nickolds.
 8.25. "Light Cavalry Overture" arr. Nickolds
 "Shepherds' Dance" ("Henry VIII.")
 German
 8.40. Helena Millais.
 "Lizzie Closes Down with Some Fragments
 of Life."
 8.50. Edith Powell.
 "Hello! Stranger—The Bing Girls Are
 There" (6)
 "How Would You Like a Little Ghost Like
 Me?" James Tate (7)
 8.55. Ernest Eady.
 "Song of the Clock" Rex Burchall (1)
 "In Love" H. Lohr
 "I Love Your Eyes of Grey"
 Haydn Wood
 9.5. A. E. Nickolds.
 "Pot-Pourri of Overtures" arr. Nickolds
 "The Hussar" Spindler
 Orchestra.
 9.15. Selection, Puppets Novello
 9.30.—WEATHER FORECAST and NEWS.
 S.B. from London.
 Mr. ALAN COBHAM. S.B. from London.
 Local News.
 10.0. Ernest Eady.
 "Love Sends a Little Gift of Roses"
 Openshaw (7)
 "Look Down, Dear Eyes"
 Howard Fisher (12)
 10.5. A. E. Nickolds.
 "Yankee Grit" Holtzman
 10.10. Edith Powell.
 "If You Look in Her Eyes" Louis Hirsch
 "Hippopotamus" Claude Arandale
 Orchestra.
 10.15. Selection, "Hullo, Ragtime!" Hirsch
 10.30.—Close down.

5WA CARDIFF. 351 M.

3.0-3.30.—Transmission to Schools: Dr. JAS.
 J. SIMPSON, M.A., D.Sc., on "Mos-
 quitoes" (Lantern).
 3.30-4.0.—The Station Trio.
 4.0-4.45.—The Carlton Orchestra, relayed from
 the Carlton Restaurant.
 4.45-5.15.—"5WA'S" "FIVE O'CLOCKS."
 5.15-6.0.—CHILDREN'S CORNER.
 6.40-6.55.—Mr. J. Kyrie Fletcher, "The Old
 West Country Cofferer."
 7.0.—WEATHER FORECAST and NEWS.
 S.B. from London.
 PERCY SCHOLES. S.B. from London.
 Local News.

Women's Night.

FELICE HYDE (Contralto).

GRACE IVELL and VIVIAN WORTH

(Entertainers).

CONSTANCE IZARD (Solo Violin).

LADIES' CHOIR.

Choir.

7.30. "Man o' Dreams" Charles H. Lloyd
 "Orpheus With His Lute" German (11)
 "A Shepherd Lullaby" Davies
 Grace Ivell and Vivian Worth.
 7.40. "Barcarolle" Offenbach
 "Coal-Black Mammy" St. Helier (7)
 "The Bells of St. Mary's" Emmett Adams
 "Humming" Breau
 7.55. Constance Izard.
 "Swing Song" Ethel Baynes
 "Lullaby" Alice Verne-Bredt
 "Spanish Serenade" Chaminade

A number against a musical item indicates the name
 of its publisher. A key list of publishers will be found on
 page 543.

WIRELESS PROGRAMME—FRIDAY (March 20th.)

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

- 8.10. Felice Hyde.
 "Husheen"..... *Needham* (1)
 "If I Built a World For You"
Lehmann (1)
 "When the Swallows Homeward Fly"
White
- 8.20. "THE LADY AND THE TIGER."
 A Great Problem will be discussed before the Microphone for the first time.
 Was She Married or Eaten?
 Choir.
- 8.35. "Encinctured With a Twine of Leaves"
Coleridge-Taylor (11)
 "Dreams"..... *O. H. H. Parry*
 "Where the Bee Sucks"..... *Arne*
- 8.50. Grace Ivell and Vivian Worth.
 "Don't Mind the Rain" *Miller and Cohn* (7)
 "Apples Were Made for Cider"
Sterndale Bennett
 "All Alone"..... *Irving Berlin* (7)
 "The Hoodoo Man"..... *Brown* (31)
- 9.0. Constance Izard.
 "Midsummer Mood"..... *Rebecca Clarke*
 "Rosalind"..... *Dorothy Howells*
- 9.10. Felice Hyde.
 "Slave Song"..... *Riego*
 "If No One Ever Marries Me"
Lehmann (1)
 "The Silver Ring"..... *Chaminade* (5)
- 9.20. Choir.
 "The Wanderer's Night Song"
Rubinstein (11)
 "Slumber Songs of the Madonna"
Colin Taylor (11)
 "The Wind"..... *E. T. Sweeney*
- 9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
 Mr. ALAN COBHAM. *S.B. from London.*
 Local News.
- 10.0. Felice Hyde.
 "Five Japanese Songs"
Woodforde-Finden (1)
- 10.10. Grace Ivell and Vivian Worth.
 "There Are Fairies in Your Eyes" *Klein*
 "My Sunshine Girl" *Geoffrey Stanton* (9)
 "Rock-a-Bye, My Baby"..... *Billy Hill* (31)
 "It Had To Be You"..... *Isham Jones* (7)
- 10.20. Choir.
 "Shepherd, Call Your Flock" *H Samuel*
 "The Call of the Morning"..... *Silver*
 "Beware"..... *Reincke* (11)
- 10.30.—Close down.
- 2ZY MANCHESTER. 375 M.**
 12.30-1.30.—Organ Music by H. Fitzroy Page, relayed from the Piccadilly Picture Theatre.
 3.0-3.30. } Concert by the "2ZY" Quartet.
 4.0-4.30. }
 3.30-4.0.—Broadcast to Secondary Schools (Seniors): Mr. A. Albert Thouaille, M.A. (Paris). "A Page from 'Prosper Mérimé.'"
 4.30-5.0.—WOMEN'S HALF-HOUR: Clara Parr (Contralto).
 5.0-6.0.—CHILDREN'S CORNER.
 6.30-6.35.—Boy Scouts' Local News Bulletin.
 6.35-6.55.—Mr. J. Hayward, Chief Inspector Post Office Telephones, on "Chirognomy."
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 PERCY SCHOLES. *S.B. from London.*
 Local News.
An Evening of Variety.
 GERTRUDE JOHNSON (Soprano).
 HAROLD HALLAS (Baritone).
 DON HYDEN (Solo Violin).
 H. FLOCKTON-FOSTER (Entertainer).
 THE "2ZY" MERMAID CLUB.
 The Famous "US."
 7.30. Don Hyden.
 "On Wings of Song" *Mendelssohn-Achorn*
 "Præludium and Allegro" *Pugnani-Kreisler*
 Harold Hallas.
 "To a Lady Weeping"..... *H. Lawes* (25)
 "So Sweet is She"..... *Anon.*
 "Phyllis Has Such Charming Graces"
Young (1)

- "Stay, My Charmer"..... *Old Scotch Air*
 "The Gentle Maiden"..... *Irish Air*
 H. Flockton-Foster.
 In a Humorous and Popular Pot-Pourri.
- 8.0 (approx.). Gertrude Johnson.
 "Fairy Cradles"..... *Molly Carver*
 "Canterbury Bells"..... *Molly Carver*
- 8.10 (approx.). Mermaid Club.
 "THE CONSTANT LOVER"
(St. John Hankin).
- 8.35 (approx.). Harold Hallas.
 "Inducements to Matrimony."
 "Mary"..... *Goodhart* (1)
 "My Father Has Some Very Fine Sheep"
arr. H. Hughes (5)
 "Ballynure Ballad"..... *arr. H. Hughes* (1)
 "Come, Kiss Me Now or Never"
arr. Moffatt (25)
- Don Hyden.
 "Admiral's Galliard"..... *arr. Moffatt*
 "Hymn to the Sun"
Rimsky-Korsakov, arr. Franks
- 9.0 (approx.). Gertrude Johnson.
 "Oh, Tell Me, Nightingale"..... *L. Lehmann*
 "What's in the Air To-Day?"
Robert Eden (4)
- H. Flockton-Foster.
 9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
 Mr. ALAN COBHAM. *S.B. from London.*
 Local News.
 Station Director's Talk.
 10.15. An Entertainment by "US."
 10.30.—Close down.
- 5NO NEWCASTLE. 400 M.**
 3.30-4.0.—Transmission to Schools.
 4.0-5.15.—Fenwick's Orchestra.
 5.15-6.0.—CHILDREN'S CORNER.
 6.0-6.20.—Scholars' Half-Hour: Mr. J. J. Todd, B.Sc., "Sir Walter Scott."
 6.40-6.55.—Mr. J. L. Gibson, French Talk.
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 PERCY SCHOLES. *S.B. from London.*
 Local News.
 7.30. **Debate.**
 "That the Tyneside Dialect should be improved."
Musical Comedy.
 8.15. THE STATION ORCHESTRA:
 Conductor, EDWARD CLARK.
 Selection, "The Dancing Mistress"
Monckton
- 8.25. MADGE RAINE (Contralto).
 "La Belle Parisienne" ("The Belle of New York")..... *Kerker*
 "C'Est Moi" ("The Geisha")..... *F. Tours*
 "Nobody Knows" ("Kissing Time") *Berlin*
- 8.35. HETTY PAGE (Solo Cello).
 Menuet..... *Beethoven-Sgambati*
 Sonata in A..... *Scarlatti-Leoschitzky*
- 8.45. Orchestra.
 Selections from "Toni"..... *Hirsch and Jones*
- 8.55. Madge Raine.
 "Love's Cigarette" ("A Southern") *Fraser*
 "Bird of Blue" ("Maid") *Simson*
 "A Bachelor Gay" ("The Maid of the Mountains")..... *Fraser-Simson*
- 9.5. Hetty Page.
 Prelude from Irish Suite..... *Caroline Maude*
 Papillon..... *Henriques*
 Marche Militaire..... *Schubert-Tausig*
- 9.15. Orchestra.
 Selection, "The Belle of New York" *Kerker*
- 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*
 Mr. ALAN COBHAM. *S.B. from London.*
 Local News.
- 10.0. **Pianoforte Recital.**
 ANGUS MORRISON.
 Prelude in B Flat }
 Waltz in D Flat f }..... *Chopin*
 Carnaval..... *Schumann*
- 10.30.—Close down.
- 2BD ABERDEEN. 495 M.**
 3.30-5.0.—Harry Townsend, M.A., on "Art."
 The Wireless Orchestra. John McFarlane, M.A., M.Com., on "People of the Desert."
 Feminine Topics.

- 5.15-6.0.—CHILDREN'S CORNER: J. Neill, M.A., on "The Little Folks' Aquarium."
 "Pot-Pourri," arranged by Auntie Nellie.
- 6.0-6.20.—Football Corner: Conducted by Peter Craignyle.
- 6.20-6.30.—Farmers' Advice Corner, under the auspices of the North of Scotland College of Agriculture. Conducted by Don G. Munro, B.Sc.
- 6.30-6.40.—Agricultural Notes.
- 6.40-6.55.—Mr. David A. Anderson. *S.B. from Dundee.*
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 PERCY SCHOLES. *S.B. from London.*
 Local News.
 7.30-8.30.—Programme *S.B. from Glasgow.*
Vocalists—Orchestra.
 DOROTHY LAWRIE (Contralto).
 SYDNEY COLTHAM (Tenor).
 THE WIRELESS ORCHESTRA.
- 8.30. Orchestra.
 Suite, "In Downland"..... *Hewitt* (31)
- 8.40. Dorothy Lawrie.
 "Melisande in the Wood"..... *Goetz*
 "The Leaves and the Wind"..... *Leoni* (1)
- 8.50. Sydney Coltham.
 "I Know a Bank"..... *Shaw*
 "The Willow"..... *Goring Thomas*
 "A Song of Quietness"..... *Haydn Wood*
- 9.5. Orchestra.
 Selection, "His Little Widows"..... *Schroeder*
- 9.20. Dorothy Lawrie.
 "O Love, From Thy Power" ("Samson and Delilah")..... *Saint-Saens*
 "Fair Spring is Returning" ("Samson and Delilah")..... *Saint-Saens*
- 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*
 Mr. ALAN COBHAM. *S.B. from London.*
 Local News.
- 10.0. Sydney Coltham.
 "Rose of My Heart"..... *Lohr*
 "A Memory"..... *Park*
 "It is Only a Tiny Garden"..... *Wood*
 "What a Wonderful World it Would Be"
Lohr
- 10.15. Dorothy Lawrie.
 "Wind of the Western Sea"..... *Peel*
 "When I Was Young"..... *D'Hardelot*
- 10.25. Orchestra.
 "Russian Dance"..... *Friml*
 "Marche Lorraine"..... *Ganne*
- 10.30.—Close down.
- 5SC GLASGOW. 420 M.**
 11.30-12.30.—Mid-day Transmission.
 3.30-4.0.—Broadcast to Schools.
 4.0-4.45.—Musical Moments with the Wireless Quartet. Peter S. McMillan (Baritone).
 4.45-5.15.—WOMEN'S HALF-HOUR.
 5.15-6.0.—CHILDREN'S CORNER.
 6.0-6.5.—Weather Forecast for Farmers.
 6.40-6.55.—Mr. David A. Anderson. *S.B. from Dundee.*
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 PERCY SCHOLES. *S.B. from London.*
 Local News.
Clan Campbell Night.
S.B. to Aberdeen.
 THE LADY ELSPETH CAMPBELL OF ARGYLL.
 Mrs. IAN M. CAMPBELL of AIRDS (With Harp).
 Miss J. M. B. CURRIE (Gaelic Soprano).
 NEIL MACLEAN (Tenor).
 J. GRAHAM CAMPBELL, Yr. of SHIRVAN (Pipe Music).
 Capt. GEORGE CAMPBELL, Yr. of SUCCOTH.
 MAVIS BENNETT (Soprano).
 THE STATION ORCHESTRA,
 Conducted by
 HERBERT A. CARRUTHERS.
 Orchestra.
 7.40. Overture, "Prince Charlie"..... *Volti* (36)
 (Continued in column 1, page 571.)

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 543.

WIRELESS PROGRAMME—SATURDAY (March 21st.)

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

2LO LONDON. 365 M.
 4.0-5.30.—Time Signal from Greenwich.
Popular Programme.
THE WIRELESS OCTET:
 Under the Direction of
S. KNEALE KELLEY,
 EVA SPARKES (Contralto),
 PERCY OWENS (Entertainer).
 "London Past and Present" (2), by
 Dorothy Monro.
 "A Garden Chat," by D. Eardley Wilmot.
 5.30-6.15.—CHILDREN'S CORNER: "The
 Little Hero of Haarlem," from "How to
 Tell Stories to Children," by Sara Cone
 Bryant. Music by the Octet. Children's
 News. Dale Smith singing Songs from
 "When We Were Very Young" (Fraser
 Simpson).
 6.40-6.55.—Prof. A. J. IRELAND, "An Episode
 in the History of England." "Rise of
 Thomas Becket."
 7.0.—TIME SIGNAL FROM BIG BEN.
**WEATHER FORECAST and 1ST
 GENERAL NEWS BULLETIN.**
S.B. to all Stations.
 Mr. CLIFFORD W. COLLINSON, F.R.G.S.
 "Through the Canal" *S.B. to Aberdeen*
 Local News.
**THE ASHTON-UNDER-LYNE
 ENGLISH CONCERTINA BAND,**
 Conductor, FRANK COURLAND.
 ERNEST SEWELL and JACK
 RICKARDS
 Present
**"THE MOONSTONES" CONCERT
 PARTY**
 in Merry Moments,
 The Band.
 7.30. March, "Washington Grays" *Griffula*
 Selection, "The Bohemian Girl"
Balfe, arr. Godfrey
 7.45. "The Moonstones."
 Part I.
 The Band.
 8.10 (approx.). A Selection of Songs by Stephen Adams
arr. Hume (1)
 Novelty Solo (played on the smallest Con-
 certina made), "National Airs."
 Soloist, SAMUEL SMITH.
 The Band.
 Incidental Music, "The Merchant of
 Venice" *Rosco*
 Waltz, "Estudiantina" *Waldteufel*
 8.45 (approx.). "The Moonstones."
 Part II.
 9.10 (approx.). The Ashton-under-Lyne
 Concertina Prize Quartet.
 Overture, "Poet and Peasant" *Suppe*
 The Band.
 "The Lost Chord" *Sullivan (1)*
 9.30.—TIME SIGNAL FROM GREENWICH.
**WEATHER FORECAST and 2ND
 GENERAL NEWS BULLETIN.** *S.B.*
to all Stations.
 Mr. F. M. CARRUTHERS: "Soccer Talk
 —The Cup Semi-Final Ties." *S.B. to all
 Stations.* Local News.
 10.0. The Band.
 Ballet Music, "Coppélia" *Delibes*
 Jack Duncanson
 Entertains.
 The Band.
 Duet, "La Lyre d'Or" ("The Golden
 Lyre") *Hermann*
 (Duettists, SAMUEL SMITH and
 RALPH BROADHURST.)
 March, "Old Comrades" *Teike*
 10.30.—THE SAVOY ORPHEANS, SAVOY
 HAVANA BAND, and SELMA FOUR,
 relayed from the Savoy Hotel, London.
S.B. to all Stations.
 12.0.—Close down.
5TT BIRMINGHAM. 475 M.
 3.30-4.30.—Children's Concert.
 5.0-5.30.—WOMEN'S CORNER: Janet Joye
 and Nellie Silk (Dramatic Recitals).

5.30-6.30.—CHILDREN'S CORNER: Auntie
 Phil and a Snooky Adventure.
 6.30-6.45.—Teens' Corner: Mr. Herbert Potter,
 F.R.M.S. (Secretary of the Birmingham
 Field Naturalists' Club), "An Evening at
 the Microscope."
 7.0.—WEATHER FORECAST and NEWS.
S.B. from London.

Mr. GIL EVANS (Welsh International and
 Inter-Varsity Referee), "The Calcutta
 Cup."
 Local News.

An Evening of Variety.

THE STATION ORCHESTRA.
 GEORGE B. LISTER (Entertainer).
 THE CRADLEY HEATH, OLD HILL
 AND DISTRICT MALE VOICE
 CHOIR:

Conductor, A. HICKMAN.

THE PROBLEMS CONCERT PARTY.

7.30. The Orchestra.
 Overture, "The Merry-makers" ... *Coates*
 Concert Party.

Opening Chorus *Hal Green*
 "Not Here, Not There" *Brewer (6)*
 "Carnival" *Molloy (1)*
 "They Always Put the Blame on Me"
Elliott (7)

Sketchlet, "Guy Fawkes" ... *arr. Hal Green*
 "I Wonder What's Become of Sally?"
Gellen (9)

"Here's Another Thing" *Weston and Lee (7)*
 Character Study, "Daniel Peggotty"
 ("David Copperfield") *Dickens*

"Lazy Daisies" *Friend (7)*
 Duo, "That's Different" *Hal Green*
 "Just a Dream of You" ... *McNamara (9)*
 "Seven and Eleven" *Donaldson (9)*

The Orchestra.
 March, "Hungarian Patrol" *Marie*
 Male Voice Choir.

8.30. "Jolly Roger" *Candish (2)*
 "Annie Laurie" *arr. Button (11)*
 "Song of the Northmen" ... *Masquerade (2)*
 "Jack Sprat" *Blackburn (2)*

The Orchestra.
 "The Assurance Man" *Rome (13)*
 "The Bolshevik" ... *Weston and Lee (7)*

The Orchestra.
 Two Irish Dances *Finucane*
 Male Voice Choir.

"Viking Song" *Taylor (2)*
 "Ye Mariners of England" ... *Adams (11)*
 "In Absence" *Buck (11)*
 "A Farewell" *Coleman*

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

Mr. F. M. CARRUTHERS, *S.B. from*
London.

Local News and Football Review.
 George R. Lister.

10.5. "Back Answers" *Coverdale (13)*
 "Rich Man and Poor Man"
Weston and Lee (7)

The Orchestra.
 "Petite Suite de Concert" *Cotteridge-Taylor*
 "La Capriccio de Nanette"; "Demande
 et Réponse"; "Un Sonnet d'Amour";
 "La Tarantelle Frétilante."
 10.30.—THE SAVOY BANDS, *S.B. from*
London.

12.0.—Close down.

6BM BOURNEMOUTH. 385 M.

3.45-5.0.—"College Life," Talk to Women by
 Beryl Trevelyan, B.A. The Wireless
 String Orchestra: Conducted by Capt.
 W. A. Featherstone, John Collinson
 (Tenor), Dorothy Bennett (Soprano),
 Mary Lewis (Harp), Reginald S. Mount
 (Violin).

5.0-6.0.—CHILDREN'S CORNER.

6.0-6.30.—Scholars' Half-Hour: "The Geo-
 graphy of Clothing," by W. F. Perry.

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

Mr. J. H. THOMAS: "Through Forest
 and Jungle to the Heart of Africa."
 Local News.

7.30-12.0.—Programme *S.B. from London.*

5WA CARDIFF. 351 M.

3.0-4.0.—Falkman and his Orchestra, relayed
 from the Capitol Cinema.

4.45-5.15.—"5WA'S" "FIVE O'CLOCKS."
 5.15-6.0.—CHILDREN'S CORNER.

6.40-6.55.—Mr. Geoffrey S. Ingram, M.B.O.U.,
 "Wild Birds of Wales and the West
 Country—Some Early Visitors."

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

Sports Corner: Conducted by L. E.
 WILLIAMS.
 Local News.

Pre-War Reminiscences—II.

Relayed to "5XX."

EDITH GUNTER (Soprano).

KENNETH ELLIS (Bass).

GRACE DANIELS (Entertainer).

THE STATION ORCHESTRA:

Conductor—WARWICK BRAITHWAITE
 Orchestra.
 7.30. Selection, "Our Miss Gibbs"
Caryl-Monckton

7.45. Edith Gunter.
 "Love's Coronation" *F. Ayllmer*

"O Dry Those Tears" ... *Teresa del Riego*

7.55. Grace Daniels.
 "Oh! You Beautiful Doll."

"Pretty Little Girl from Nowhere."
 "I Wonder If You Miss Me Sometimes?"

8.10. The Orchestra.
 Waltz, "Dreaming" *Joyce (7)*

"That Mysterious Rag."

8.20. Kenneth Ellis.
 "Maire, My Girl" *George Aiken*

"Three for Jack" *Squire*

8.30. Grace Daniels.
 "Little Wooden Hut."

"Dixie."

"Tennessee."

8.45. The Orchestra.
 Selection, "Hello, Ragtime."

9.0. Edith Gunter.
 "Old-Fashioned Town" *Squire*

"Love's Garden of Roses" ... *Haydn Wood*

9.10. Kenneth Ellis.
 "Lighterman Tom" *Squire*

"Young Tom o' Devon" *Kennedy Russell*
 Grace Daniels.

9.15. "Yip-I-Adi."
 The Orchestra.

"Teddy Bears' Picnic" *Bratton*

March, "The Washington Post" ... *Sousa*

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

Mr. F. M. CARRUTHERS, *S.B. from*
London.

Local News.

10.0.—THE SAVOY BANDS, *S.B. from London.*

12.0.—Close down.

2ZY MANCHESTER. 375 M.

3.30-4.30.—Moses Baritz: Lecture on "Tchai-
 kovsky," with Gramophone Illustra-
 tions.

4.30-5.0.—WOMEN'S HALF-HOUR: R. Gil-
 roy (Baritone).

5.0-6.0.—CHILDREN'S CORNER.

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

Mr. F. STACEY LINTOTT: Weekly Talk
 on "Sport."

Local News.

Request Dance Night!

FORSYTH'S DANCE BAND.

AGNES CLARKE (Soprano).

WALTER TODD (Entertainer).

PAT RYAN (Solo Saxophone).

7.30. Band.
 Fox-trot, "Love is Just a Gamble" (9);
 Fox-trot, "Why Did You Call Me Won-
 derful One?" (32); Waltz, "What'll I
 Do?" (7); Fox-trot, "What Do You
 Do Sunday, Mary?"

WIRELESS PROGRAMME—SATURDAY (March 21st.)

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

7.45. Agnes Clarke.
Waltz Song ("Tom Jones") German
"Sly Reynard, the Fox"
Cecil Sharp's Collection
"Down in the Forest" Landon Ronald (5)
"Good Morning, Brother Sunshine"
Lehmann
Band.
Fox-trot, "Raggedy Ann"; Waltz, "All
Alone" (7) (Saxophone Solo); Fox-trot,
"It Ain't Goin' A Rain No Mo'!" (7);
Fox-trot, "After the Storm" (6).
Walter Todd.
"My People" W. Todd
"Dartmoor Days" Woodhouse
"Potted Geography" Pounds (3)
Band.
Waltz, "Serenade"; Fox-trot, "Wait a
Bit, Susie"; Fox-trot, "June Night" (7).
Agnes Clarke.
"The Pipes of Pan" Monckton
"The Lilac Tree" Gartlan
"Sympathy" ("Firefly") Prind
"Fed Up" Sterndale-Bennett
Band.
Waltz, "Dear Old Pal o' Mine" (Saxophone
Solo); "I Loved—I Lost" (23); Fox-
trot, "Hard-Hearted Hannah" (9).
Walter Todd.
"The Art of Entertaining" Grey (13)
"Ideal Homes" Low (13)
"Ye Goode Olde Days" Herbert (13)
Band.
Blues, "Rock-a-Bye, My Baby" (31);
Fox-trot, "The Lady of the Lake" (9);
Waltz, "Memory Lane."
9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
Mr. F. M. CARRUTHERS. *S.B. from*
London. Local News.
10.0.—THE SAVOY BANDS. *S.B. from*
London.
12.0.—Close down.

5NO NEWCASTLE. 400 M.
3.45-5.15.—Tilley's Restaurant Orchestra. Hud-
son Barnsley (Baritone). Annie H. Roes:
"The Story of Jarrow."
5.15-6.0.—CHILDREN'S CORNER.
6.50-6.55.—Poultry Notes.
7.0.—WEATHER FORECAST and NEWS. *S.B.*
from London.
Mr. JOHN KENMIR: Football Talk.
Local News.

Popular Concert.
SYDNEY COLTHAM (Tenor).
THE ELECTRIC SPARKS CONCERT
PARTY.
THE STATION ORCHESTRA.
Conductor: EDWARD CLARK.
7.30. Orchestra.
March, "From Maine to Oregon" ... Sousa
Waltz, "Casinotänze" Gung'l
7.45. Electric Sparks.
Opening Chorus, "Hello! Hello!" Rogers
Song, "Sleepy Zuider Zee" David (32)
Song, "My Title's P.C.3" Lewins
Concerted, "When He Comes to the Ball"
Weston and Lee (7)
8.0. Sydney Coltham.
"Rose of My Heart" Lohr
"Duna" McGill (1)
"I Pitch My Lonely Caravan" ... Coates
8.10. Orchestra.
Selection, "The Mastersingers"
Wagner-Tavan
8.20. Electric Sparks.
Trio, "The Adventurers" ... Wilcock (13)
Monologue, "The Pipes of Troon"
Clarke (13)
Concerted, "Where I Belong" ... Hylton
8.35. Sydney Coltham.
"Flowers of Sicily" Oliver (8)
"Down Vauxhall Way"
"Now Sleeps the Crimson Petal"
Quilter (1)

8.45. Electric Sparks.
Concerted, "Down on the Farm"
Adams and Harrison (31)
Song, "Hints on Business" Coultts
Concerted, "Some Girls" Austin (9)
9.0. Orchestra.
Overture, "Tantalusqualen" ("The Tor-
ments of Tantalus") Suppe
9.15. Electric Sparks.
Song, "Devon for Me" ... Gerald Kahn (8)
Concerted, "India" Henry (13)
9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
Mr. F. M. CARRUTHERS. *S.B. from*
London. Local News.
10.0.—TILLEY'S DANCE ORCHESTRA.
11.0.—THE SAVOY BANDS. *S.B. from*
London.
12.0.—Close down.

2BD ABERDEEN. 495 M.
3.30-5.0.—Concert: The Wireless Trio. J. A.
S. Burns (Tenor). Feminine Topics.
5.30-6.0.—CHILDREN'S CORNER: "Once
Upon a Time," with Songs by Auntie
Phyllis. Mr. William Brown, B.Sc.,
M.R.C.V.S., on Veterinary Topics.
6.40-6.55.—This Week's Interesting Anniversary
(Prepared by John Sparke Kirkland):
"Livingstone, born March 19th, 1813."
7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
Mr. CLIFFORD W. COLLINSON. *S.B.*
from London. Local News.
7.30. THE WIRELESS ORCHESTRA.
Suite, "Almond Eye" Rosse (31)
7.45. "A Tale of Alsatia."
A London Picaresque of the Time of
James I.
Lyrics by Norman Ingram and E. M.
Cornforth.
Music by Vincent Thomas.
Dramatis Personae:
Jacobus (an Alsatian Duke)
ROBERT WATSON
Barbara (His Daughter)
TINA MACINTYRE
Betty (His Niece) LENA DUNN
Sir Richard Fancourt (A Court Gallant)
ALEX McCREDIE
Laurence (His Companion)
ROBERT WATSON
Chorus of Alsatians and Peasants.
THE WIRELESS ORCHESTRA:
Conductor, IRVINE S. COOPER.
Act I.—Alsatia.
Act II.—Hampstead Heath.
9.15. Orchestra.
Selection, "Mr. Manhattan" Talbot
9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
Mr. F. M. CARRUTHERS. *S.B. from*
London. Local News.
10.0.—THE SAVOY BANDS. *S.B. from*
London.
12.0.—Close down.

5SC GLASGOW. 420 M.
3.30-4.30.—An Hour of Melody: The Wireless
Quartet and Josephine Macpherson
(Mezzo-Soprano).
4.45-5.15.—WOMEN'S HALF-HOUR.
5.15-6.0.—CHILDREN'S CORNER: At-Home
Day for Children of All Ages.
6.0-6.5.—Weather Forecast for Farmers.
6.40-6.55.—Glasgow Radio Society Talk.
7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
Mr. J. A. LOVE TINDAL: "Odds and
Ends in Life."
Local News.
Request and Dance.
S.B. to Dundee.
THE STATION ORCHESTRA:
Conducted by
HERBERT A. CARRUTHERS.
Orchestra.
7.30. Overture, "The Pirates of Penzance"
Sullivan

Selection, "The Emerald Isle"
Sullivan and German
Suite, "Ballet Russe" Luigini
Allegro Marziale; Valse Lente; Scena;
Mazurka; March Russe.
Concert Valse, "Voices of the Spring"
Struss
March, "On the Quarter Deck" Alford
8.30.—DANCE MUSIC, relayed from the Plaza
Palais de Danse.
9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
Mr. F. M. CARRUTHERS. *S.B. from*
London. Local News.
10.0.—THE SAVOY BANDS. *S.B. from*
London.
12.0.—Close down.

Thursday's Programme.

(Continued from page 545.)
5SC GLASGOW. (2) M.
3.30-4.30.—An Hour of Melody with the Wire-
less Quartet. Anno Ballantine (Con-
tralto).
4.45-5.15.—WOMEN'S HALF-HOUR. Mrs.
Ellis on "Perfumes."
5.15-6.0.—CHILDREN'S CORNER.
6.0-6.5.—Weather Forecast for Farmers.
6.35-6.55.—Ministry of Agriculture's Fortnightly
Bulletin. Market Prices for Farmers.
S.B. from London.
7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
Radio Society Talk. *S.B. from London.*
Mr. ALLEN S. WALKER. *S.B. from*
London. Local News.
Ballad Concert.
S.B. to Edinburgh.
GLADYS PALMER (Contralto).
SYDNEY COLTHAM (Tenor).
GILBERT ESPLIN (Baritone).
THE STATION REPERTORY
COMPANY.
THE STATION ORCHESTRA.
Conducted by ISAAC LOSOWSKY.
7.35. Orchestra.
Overture, "Patience" Sullivan
7.50. Gilbert Esplin.
Negro Spirituals. arr. H. T. Burleigh
"De Gospel Train"; "Hard Trials";
"Nobody Knows"; "My Lord, What
a Mornin'"; "Tis Me, O Lord";
"O! Peter, Go Ring Dem Bells."
8.5. Orchestra.
Entr'acte, "A Summer Morn" Haines
8.10. Gladys Palmer.
"The Wind in the World"
"Grey Hills"
"All in a Garden Green"
"Earl Bristol's Farewell" ... Lidgry (1)
"See Where My Love A-
Maying Goes"
8.25. Orchestra.
Entr'acte, "Hobomoko" Reeves
Repertory Company.
Sketch,
"AN OLD-FASHIONED GIRL."
Produced by GEORGE ROSS.
Incidental Music by
The Wireless Quartet.
9.0. Orchestra.
Three Dances from "Hullo! America"
Finck
Processionelle et Danse Florale; Valse
des Adoratrices; Danse Barbare.
9.10. Sydney Coltham (Song Recital).
"Now Sleeps the Crimson Petal"
Quilter (1)
"I Know a Bank" Shaw
"Ninetta" Brewer (1)
"Duna" MacGill (1)
"Rosebud" Drummond (8)
"Loughareema" Eisdell
9.30-11.0.—Programme *S.B. from London.*

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 543.



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TRADE MARK

WIRELESS PROGRAMME—BELFAST (March 15th to March 21st.)

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

2BE 435 M.

SUNDAY.

- 3.0-5.0.—MISCELLANEOUS CONCERT. *S.B. from Glasgow.*
- 5.0-5.30.—CHILDREN'S CORNER. *S.B. from Aberdeen.*
- 8.30.—Religious Service. *S.B. from London.*
- 9.0. Pianoforte Recital by **PADEREWSKI.** *S.B. from London.*
- 10.15.—WEATHER FORECAST and NEWS. *S.B. from London.* Local News.
- 10.30.—Close down.

MONDAY

- 4.0-5.0.—The "2BE" Quartet.
- 5.30-6.15.—CHILDREN'S CORNER.
- 6.40-6.55.—Mr. Richmond Noble: Talk on "Lyric Poetry."
- 7.0-7.30.—Programme *S.B. from London.* **"Town and Country."** THE STATION ORCHESTRA. **JOSEPH WALSH** (Tenor). Orchestra.
- 7.30. March, "The Bride Elect" *Sousa* "Les Tresors de Colombine" *Drigo* Prelude Music for Strings and Harp *Julius Harrison* (2) **Joseph Walsh.**
- 8.0. "Spring Sorrow" *J. Ireland* "O That it Were So" *Frank Bridge* "I Pitch My Lonely Caravan" *Eric Coates* "To Daisies" *Quilter* (1) Orchestra.
- Suite, "Gabrielle" *Rosse* **Joseph Walsh.**
- "Brittany" *Farrar* "The Gentle Maiden" *arr. Somerville* "Isobel" *Frank Bridge* "Oft in the Stilly Night" *Old Setting*
- 8.40. THE BELFAST RADIO PLAYERS. An Ulster Ceidlith, **"A ST. PATRICK'S EVE PARTY."** Written and Produced by **CHARLES K. AYRE.** Characters: **Charlie McAfee** (Man of the House) **CHARLES K. AYRE** **Sarah Anne McAfee** (Woman of the House) **CHARLOTTE TEDLIE** **Arter FitzSimons** (Old Farm Servant) **J. R. MAGEEAN** **Tom Logan** (Fiddler) **ERNEST STONELEY** **Jamey Anderson** (Fluter) **S. H. DARVILL** **Sam Bryson** (A Neighbour) **W. R. GORDON** Friends, Neighbours, etc.
- 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.* **Dr. R. W. LIVINGSTONE,** Vice-Chancellor of Queen's University, "Some Views of Life in the Ancient World—The Epicurean." *S.B. to Scottish Stations.* Local News.
- 10.0. Orchestra. Grand Military Fantasia, "The Life of a Soldier" *Mason* Incidental Music, "Monsieur Beaucaire" *Rosse*
- 10.30.—Close down.

TUESDAY.

- 11.30-12.30.—Gramophone Records.
- 4.0-5.0. **St. Patrick's Day.** THE STATION ORCHESTRA. **J. H. CHAMBERS** (Baritone). **ALBERT FITZGERALD** (Violin). **PAULINE BARKER** (Harp). Orchestra.
- March, "Irish Patrol" *Puerner* Overture, "Shamus O'Brien" *Stanford* (1) Selection, "The Emerald Isle" *Sullivan and German*

- Pauline Barker. "Fantasia on Irish Melodies" *arr. Gerhard Taylor* **J. H. Chambers.**
- "Ballynure Ballad" *H. Hughes* (1) "The Next Market Day" *H. Hughes* (1) "Trottin' to the Fair" *Stanford* (1) Orchestra.
- Overture, "An Irish Comedy" *Ansell* **Albert Fitzgerald.**
- "Irish Rhapsody," No. 1 *Esposito* Orchestra.
- Selection, "Reminiscences of Ireland" *Godfrey* One-Step, "Savoy Irish Medley" *Somers* (9)
- 5.30-6.15.—CHILDREN'S CORNER.
- 6.40-6.55.—Scouts' and Guides' Bulletin.
- 7.0-9.10.—Programme *S.B. from London.*
- 9.10-9.30.—St. Patrick's Day Celebration relayed from the Municipal Technical Institute.
- 9.30-10.30.—Programme *S.B. from London.*
- 10.30.—"NEW PRINCE'S FRIVOLITIES" CABARET, including the Russian Cabaret, "Serain Mish," and Alfredo and his Dance Band (from Prince's Restaurant, London), relayed from the Ulster Hall. *S.B. to Glasgow* (11.0-12.0).
- 12.0.—Close down.

WEDNESDAY.

- 4.0-5.0.—The "2BE" Trio.
- 5.30-6.15.—CHILDREN'S CORNER.
- 6.40-6.55.—Farmers' Talk: Prof. S. P. Mercer: "Seeds Mixtures."
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.* **Miss E. S. ROHDE.** *S.B. from London.* Local News.
- Symphony Concert.** THE STATION AUGMENTED ORCHESTRA. Conducted by **E. GODFREY BROWN.** **DOROTHY HELMRICH** (Soprano).
- 7.30. Orchestra. Overture to "The Barber of Bagdad" (in D) *Cornelius* Rhapsody, "A Shropshire Lad" *Butterworth* (11) **Dorothy Helmrich.**
- Two Spanish Folk Songs. "El Pano Moreno" "Murciana" (Seguidilla) *De Falla* Orchestra.
- Prelude and Angel's Farewell ("The Dream of Gerontius") *Elgar* (11) **Dorothy Helmrich.**
- "Frocca la Nevo" *Cimara* "The Dreary Steppe" *Gretchaninov* "Evening Prayer" *Moussorgsky* Orchestra.
- "Air de Ballet" *Percy Pitt* (11) **Dorothy Helmrich.**
- "Silent Moon" *Vaughan Williams* "To the Children" *Edgar Bainton* "New Year's Song" *Malkuson* "Lullaby" *Cyril Scott* "A Frog He Would A-Wooing Go" *Herbert Hughes* Orchestra.
- Symphony No. 5 in B Flat *Schubert* Opening to Act III., "Tristan and Isolde" *Wagner* (Solo Cor Anglais: **HAROLD HOLT.**)
- 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.* British Drama League Lecture Recital. *S.B. from London.* Royal Horticultural Society Talk. *S.B. from London.* Local News.
- 10.20. Orchestra. "Siros Overture" *Handel-Cowen* (2) "Shepherd's Hey" *Grainger*
- 10.30-11.0.—Experimental Transmission. *S.B. from London.*

THURSDAY.

- 4.0-5.0.—The "2BE" Quintet.
- 5.30-6.15.—CHILDREN'S CORNER.
- 6.40-6.55.—Ministry of Agriculture (N. Ireland) Bulletin.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.* Radio Society Talk. *S.B. from London.* **Mr. ALLEN S. WALKER.** *S.B. from London.* Local News.
- Popular Programme.** THE STATION ORCHESTRA. **HERBERT A. PORTER** (Bass-Baritone). **SUSAN STONELEY** (Solo Flute). **PAULINE BARKER** (Solo Harp). **EDWARD SHAW** (Solo Violin). Orchestra.
- 7.35. March, "Admirals All" *Bath* "Suite Enfantine" *Lardell* **Herbert A. Porter.**
- "The Fishermen of England" ("The Rebel Maid") *Montague Phillips* "The Crown of the Year" *Easthope Martin* (5) "If I Were" *David Richards* (1) **Susan Stoneley.**
- "Faust Fantasia" *Gounod* **Pauline Barker.**
- "David of the White Rock" *Thomas* **Edward Shaw.**
- "Bolero" *German* **Herbert A. Porter.**
- "Vulcan's Song" ("Philemon and Baucis") *Gounod* (1) "Lovely Kind and Kindly Loving" *Gustav Holst* "Little Miss Over-the-Way" *Sterndale Bennett* **Susan Stoneley.**
- "Andante," Op. 86 *Mozart* "Salterello" *German* Orchestra.
- Suite, "The Miracle" *Humperdinck*
- 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.* Topical Talk. Local News. Orchestra.
- 10.0. Suite, "Sylvan Scenes" *Fletcher* "Menuet d'Amour" *Cowen* (11) Suite, "Americana" *Thurban*
- 10.30.—THE SAVOY BANDS. *S.B. from London.*
- 11.0.—Close down.

FRIDAY.

- 11.30-12.30.—Gramophone Records.
- 2.50.—School Transmission; "Appreciation of Music."
- 4.0-5.30.—The Station Orchestra. **Violet Kavanagh** (Soprano).
- 5.30-6.15.—CHILDREN'S CORNER.
- 6.40-6.55.—Mr. David A. Anderson. *S.B. from Dundee.*
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.* **PERCY SCHOLES.** *S.B. from London.* Local News.
- 7.30-9.30.—Programme *S.B. from London.*
- 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.* **Mr. ALAN COBHAM.** *S.B. from London.* Local News.
- 10.0-10.30.—Programme *S.B. from London.*

SATURDAY.

- 4.0-5.0.—The "2BE" Trio. **E. J. Harris** (Solo Clarinet).
- 5.30-6.15.—CHILDREN'S CORNER.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.* **Mr. ALEC RIDDELL.** "An Ulster Legend." Local News.
- Dance Programme.** 7.30. THE STATION ORCHESTRA. **SYD M. NESBITT** and his Ukulele
- 9.30-12.0.—Programme *S.B. from London.*

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 543.

Great Singers of Yesteryear.

Were They Better Than Those of To-day? By A. B. Cooper.

ACCORDING to the immortal Mrs. Malaprop, "comparisons are odorous"; they are, nevertheless, often interesting, and may be stimulating, and it may not be an entirely unfruitful task to discuss the singers of Victorian days, and try to visualize them in the fierce light of these highly critical and rather *blasé* days, when things Victorian are apt to be regarded with a kind of pitying tolerance, as though one should say: "Well, of course, that's all right, but you are talking of things which happened before the Flood!"

The Magic of Sims Reeves.

Nevertheless, "there were giants in those days," men and women of great artistic stature, and, as I heard a good many of them, although, as a "provincial," my opportunities were few and far between, I am able to form a judgment as between the old and the new, even if I am not very ready to dogmatize upon it. Let me say at once that the new generation is much more versatile, its range is immensely extended, its taste enormously enhanced—the only doubt is whether it sings better.

I heard the three great tenors of the latter half of last century, although Sims Reeves had been singing many years when I first heard him in my early youth. I heard him at Blackpool Winter Gardens sing to ten thousand people. He sang, for the ten thousandth time, probably, "My Pretty Jane," and "The Bay of Biscay O," and, I think, "The Anchor's Weighed." Perhaps the impression made upon my mind and memory owes something to youth; but I can only say that I have never been so carried away by a voice as I was by that voice, and I have never felt such a sense of an artist's adequacy. It seemed no trouble to Sims Reeves to fill that huge auditorium with his wonderful notes. I heard him several times afterwards. He sang the same things, and he sang them as well the hundredth time as the first.

A Musical-Box in the Throat.

I was a little older when I heard Adelina Patti, and I only heard her once. I quite forget what she sang—except "Home, Sweet Home," which made everybody cry—but I shall never forget how she sang. She was supposed to be "past her best" at that time, but if any woman ever had a musical-box in her throat, it was surely Patti. Her trills and vocal gymnastics seemed as easy to her as yodelling to a Savoyard. That is to say, she seemed to have been born doing it. It was that lovely naturalness, both of voice and manner, which endeared Patti to millions. If she has had her superior as a vocalist, I have not heard her.

These two, of course, are always mentioned together as representative singers of a past generation. Patti was "streets" in front of Sims Reeves in all the arts and graces of her craft, but she had not a finer voice. They were both possessed of wonderful vocal powers, as natural to them as the vocal organs of a nightingale or a thrush.

Killed by Damp Sheets.

I heard Edward Lloyd, too, when he was regarded as being on the down grade. I was a boy, and a man sitting next to me said: "He's not the singer he was," and I wondered at the time how he could possibly have been better. In fact, he was singing magnificently when he retired more than twenty years ago. But "Reeves's Master," as he was commonly called, when he flashed like a brilliant meteor across the singers' firmament, was Edward Maas. I only heard him once.

It was said that someone put him into damp

sheets on one of his concert tours, and that it killed him. Be that as it may, he died in early manhood, generally acclaimed the greatest tenor of the day.

I heard Mme. Patey, the great contralto, several times, but the occasion which stands out in my memory is her singing of "O Rest in the Lord" at a performance of Mendelssohn's *Elijah*. I have heard it many times since, but for exquisite tenderness and richness of tone I have never heard it to such advantage.

Then, of course, I heard that remarkable woman, Antoinette Sterling, sing "Caller Herrin'" as only she could sing it. Her appearance rather put one off. I sat at the back of her on the orchestra seats, and as she came on, I thought that some mistake had been made and that one of the charwomen had strolled on to the platform in place of the world-famed singer. However, she made up for her outward appearance by the beauty of her voice. She sang not the least like anyone else. She is in a class by herself.

Thunderous Voices.

The only man who begins to make as big a noise as Signor Foli—as he called himself, although he was Irish and not Italian, and his name was Foley—is my friend Norman Allin, as I have often told him. For absolute weight of sound, for essential thunderousness, I have never heard his like. His voice was only describable by the word "tremendous." It came as a shock. You were taken aback—just as the public were taken aback when they first heard the wonderful organ possessed by Dame Clara Butt. Its sheer weight was a surprise.

Mme. Albani I heard many times, and although she was undoubtedly a great singer, she has not left on the sensitive plate of memory a very clear impression. But Christine Nilsson I remember with great delight. I fancy it was my first visit to the Royal Albert Hall when I heard her sing the Ring Song from *Faust*. I shall never forget it, or the way the vast audience rose to her. She gave one the impression of the completest ease in her vocalization. Like Patti, she sang as a bird sings, and she was, besides, a beautiful and extremely graceful woman.

"The One and Only Baritone."

I heard Santley frequently, as every concert-goer did, for his "run" was so long, and he was the one and only baritone. It was Santley first and the rest nowhere. He was reputed to have a perfect, an immaculate style. His method of voice production was lauded to the skies. Everybody agreed that Santley was perfection writ large. Well, it was probably all true. I can only say that he never thrilled me. I hear many singers to-day whom I think more highly of, but I hear none that give me again that old sense of wondering delight, of almost magical exhilaration of spirit produced in those older days by the singing of Patti, Reeves, and Nilsson. Would that they could give us a little of their "heavenly music" in this wireless age, when they might be heard, not by thousands only, but by millions!

BRITISH stations are being very successfully received in Bombay. A listener there reports that his neighbours on the other side of the street have heard Aberdeen on his loud-speaker.

WHEN, during recent bad weather, the telephone and telegraph services in Norway broke down, wireless came to the rescue and was used almost exclusively as a means of communication.

From Slave to Saint.

Legends of St. Patrick.

WHEREVER Irishmen are gathered together in any part of the world, March 17th will see them celebrating the anniversary of Ireland's Patron Saint, St. Patrick.

Whilst his actual career is somewhat obscure, legendary history endows him with many miraculous powers. Many countries have claimed the honour of having the birth-place of St. Patrick, but it is generally believed that his home was somewhere near the Severn, possibly one of the three places called Banwen, in Glamorganshire.

Born at Daventry?

In view of the fact that the St. Patrick's Day programme, on March 17th, will also be broadcast from the High-Power Station, it is interesting to note that there is reason for believing that St. Patrick was born at Daventry, where the new High-Power Station will eventually be erected. This was about the year 380, and he was the son of a deacon named Calpanius, a middle-class landed-proprietor. Before being carried off into slavery at the age of fifteen by a band of Irish marauders, Patrick was educated as a Christian.

When a slave in Ireland, he was employed as a swine-herd near the mountain called Sleamish, in the county of Antrim.

During the seven years of his slavery he became subject to deep religious emotion, and beheld visions which encouraged him to escape from bondage. It is believed that he made good his escape from captivity in a vessel engaged in the exportation of wolf-dogs, and after landing on the west coast of Gaul, spent some two months with his companions before entering the monastery of Lerins, where he remained a few years.

Again he returned home, and it was during his stay in Britain that the idea of undertaking missionary work in Ireland finally decided his destiny.

Fire from Snowballs.

After opposition on the part of his relatives had been overcome, Patrick resolved to prepare himself for his mission, and returned to Gaul. Successively ordained deacon, priest and bishop, he seems to have spent about fourteen years at Auxerre before beginning to preach the Gospel to the inhabitants of Ireland on the authority of Celestine.

A popular legend about Patrick tells how he and his followers once found themselves on a cold morning without a fire to cook their meal or warm their limbs. He overcame this discomfort by collecting a pile of ice and snowballs, breathing upon it, and thus causing it instantaneously to become a pleasant fire.

The most popular of St. Patrick's miracles, however, is the driving of reptiles out of Ireland, and rendering the Irish soil, as the legend says, "forever after so obnoxious to the serpent race, that they instantaneously die on touching it."

It is supposed that St. Patrick died about March 17th, 461, or 493.

AN ALTERNATIVE PROGRAMME.

AN alternative programme will be available from the High-Power Station for listeners who would rather hear groups of items instead of the continuous opera to be given from London and other stations on Tuesday, March 24th. This will be provided by Casano's Octet, with songs by Mr. George Pizzey (baritone) and humour by the Novelty Trio, consisting of Mr. Harry East, Miss Margaret Glanville, and Mr. Ronald Gourley, who presides at the piano.

By Radio to the Stars.

Shall We Ever Escape from the Earth? By AUSTIN HARRISON.

THAT "message from Mars" has long been an expected miracle, yet still we wait, and in some ways the more we learn about the distances and universes outside our own, the less we seem likely to realize our expectations. We think now that there must be other inhabited worlds and systems, even if life there is different from ours—it is not scientific to imagine that we are the only live system amid thousands of millions of "dead" systems.

A Boomerang Message.

The difficulty is in communication. We are shut in. We are limited to practically a five-miles breathing height. Mount Everest represents, as yet, about the summit of our breathing capacity, above which life ebbs, so that we are not likely to journey upwards towards the nearest planet in a supra-flying-car.

Yet we may in time effect contact (1) by means of light; (2) by means of wireless.

Already we can listen to a Chicago band playing: "Horsey, Keep Your Tail Up"—which in itself is a staggering performance. There would appear no reason why in this way we should not shortly be able to span the globe, i.e., send a message from London and listen till it comes back, having completed the circuit of the earth.

When we have got as far as that, our machinery for "real" long distance communication will be in its infancy.

Harnessing Light.

The question will be the navigation of the "jelly" which composes the little atmospheric crust round this planet. Here the German gun which bombarded Paris suggests, perhaps, a clue. If metal will travel three times as far in a rarefied atmosphere, sound waves may travel twenty times as far. There may even be no difficulty at all, over and above a certain height, of transmitting sound waves indefinite distances—into space.

In this connection, probably light will be harnessed. It is said that the stars are so far away that the light we see may be just "on its way," the actual star being extinct thousands of years ago. Light is thus evidently a terrific-

ally powerful force. It is certain that if we could discover how to control and utilize it messages could be sent with ease through any jelly, nebula or atmospheric crust that we know of, perhaps even enabling us to photograph the canals and markings on Mars, which is reputed to be remarkably free from "channel" weather conditions.



Mr. AUSTIN HARRISON.

It almost stands to reason that if sound can be transmitted thousands of miles, so, too, can light. The volume of sound of a man speaking, say, in New York, is infinitely small, yet it can be despatched many thousands of miles by a simple (!) conduit or separator. Its equivalent in light power is about that generated by a wax candle.

The lightning heats the thunder. It will be so when light, too, becomes communicable. As science goes on detaching and separating—already we are told there is no such thing as matter—it will surely learn the secrets of light and of the conduits of light, and when it has mastered this power, the new wireless will be sidereal in magnitude and comprehension. For at least light travels.

Life's Generating Force.

It comes to us trillions of miles away, which shows that space, at any rate, must be a wonderfully cloudless affair, for, provided the atmosphere is clear above our heads, we can always see the White Star and countless others.

This it is that wireless, as a miracle, suggests to me.

I cannot believe, if a cough or a hiccough can be separated and heard by means of a wireless wave five thousand miles away, that light cannot likewise be separated; channelled and energized, all the more as light is but the

expression of heat which is the generating force of the life and motion of this little world and of all others—so far as we know. Wireless, as a transmitting energy, may be what the first rude steam-engine was—a beginning.

Why not?

At any rate, wireless, even as we know it, almost disposes of the fourth dimension, and some people reckon that it has shown us the way to communicate with the dead. It is curious to reflect how we learn by picking to bits, just like a boy destroying a watch to see how it is made. Science analyses composition, and each separation leads to some fresh discovery. We may eventually learn the secret of life, and, when we do, we shall probably learn something about death.

A Holiday in the Moon.

But I'm for light as the start. And the more interested people are about wireless, the sooner science will extend its knowledge of sound transmission to light transmission.

The man who can first flash a light message from London to 'Frisco will be the Galileo of sidereal communication, and then it will only be a question of time before man can escape to the little suburb of the Moon, by way of a holiday.

Then—on to Mars and eventually to Venus, and, perhaps, Rome and Mercury.

It would be a terrible disappointment not to find life in other worlds, for what then would be the use of our genius? Perish the thought!

The Thunder Clue.

The whole secret may lie in the simple mechanism of a thunderstorm. We've got the thunder clue. The next step will be the ingredients and wave sources of lightning.

Escape from this universe seems virtually assured—in time. People who complain about being bored to-day are not thinking. If we can talk across the world, we shall certainly learn to pierce through the five-mile limit above us.

The rest probably is—"potty." Meanwhile, we escape through sound. We integrate the cosmos.

A TRIBUTE TO THE B.B.C.

SIR HARRY BRITAIN, K.B.E., LL.D., M.P., in a letter to the Editor of *The Times* on the Wireless Bill, declares that in his opinion "it is of the utmost importance that during the discussion of the Wireless Bill, both in the House of Commons and in the Press, nothing should be said to misrepresent the policy and the ideals of British broadcasting."

After mentioning alternative methods of organization, Sir Harry Britain concludes: "We may be proud in Britain to have chosen the best practicable compromise between State control and private enterprise, and to have set up a model organization which is the envy and admiration of the world. The B.B.C. is a limited company in little more than name so far as its policy is concerned, yet its administration is on efficient business lines."

Sir Harry Britain has identified himself with the development of wireless since its early days.

When he organized the first Imperial Press Conference in 1909, he arranged for Senators Marconi to explain to the Editors of the Empire the future possibilities of radio.

Ever since that time, Sir Harry has engaged himself actively in the affairs of wireless.

CLEVER MIMICRY.

WHEN Mr. Louis Hertel broadcast "Mrs. Struggles and her Eastern Friends," he so successfully mimicked Willie Rouse, Jay Kaye, John Henry, and Joe Murgatroyd, that many listeners were inclined to disbelieve that this was mimicry, but thought that these entertainers were actually taking part in the programme. It was, however, genuine mimicry, and listeners will again have an opportunity of hearing him in a "Mrs. Struggles" programme at London, on Wednesday, March 18th. Other artists appearing on this date are Miss Constance Wentworth, soprano, Mr. Frederic Lake, tenor, and Mr. Edward Dykes, bass, Miss Helena Millais and the "2LO" Military Band.

* * * * *

MR. DAN GODFREY will conduct a light symphony concert at London on Monday, March 16th. The artist will be Mr. Gordon Bryan, pianist.

* * * * *

ONE of the most famous concertina bands in England, and certainly a favourite everywhere in the North both on wireless and at concerts, is the Ashton-under-Lyne Concertina Band. On Saturday, March 21st, they will give their first broadcast from London.

AN ATTRACTIVE BALLAD CONCERT.

IT is usual for the regular alternative programmes from the High-Power Station to be given on Tuesdays, Thursdays, and Saturdays. An exception has been made next week because of the general desire for the St. Patrick's Night programme to be given from all stations simultaneously. A ballad concert will, therefore, be given from "5XX" on Monday, March 16th, as an alternative to the light symphony programme from London.

This ballad concert will include the first appearance of the Foster-Foord Ensemble, which consists of two women singers accompanied by a string quartet. The arrangements for this have been specially made by Gerrard Williams and other modern English composers. The programme will include Miss Phyllis Norman Parker, violinist; and an old song scene by Mr. Gale Gardner; ballads sung by Miss Marie Fisher, contralto; pianoforte solos by Mr. Sidney Harrison; humour by Mr. Willie Rouse with Pierrot and Pierrette, and by Miss Winifred Fairlie, entertainers; and syncopated songs by Kel and Alvin Keech, who are authorities on modern American light songs and banjulele banjo solos and accompaniments. The banjulele banjo has become popular in many quarters, and requires much skill in its manipulation.

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Dundee Programme.

2DE 331 M.

Week Beginning Sunday, March 15th.

SUNDAY, March 15th.

- 3.0-5.30.—Programme S.B. from Glasgow.
6.30-7.30.—Service conducted by The Rev. WILLIAM NELSON, relayed from St. Mary's Church.
9.0-10.30.—Programme S.B. from London.
- MONDAY, March 16th.**
3.0-4.30.—Concert. Women's Topics.
5.15-6.0.—CHILDREN'S CORNER.
6.40-6.55.—Mr. W. Boyd Martin, Chairman of East of Scotland Beekeepers' Association, on "Bee Swarming and How It May Be Retarded" (3).
7.0-10.30.—Programme S.B. from Glasgow.
- TUESDAY, March 17th.**
3.30-4.30.—Kinnaird Hall Picture House Orchestra.
5.15-6.0.—Little Ones' Corner.
6.40-6.55.—Mr. James Carson, F.E.I.S., of Rossie Farm School, on "Scouts."
7.0-11.0.—Programme S.B. from London.
- WED., March 18th, and SAT., March 21st.**
3.0-4.30.—Concert. Women's Topics.
5.15-6.0.—CHILDREN'S CORNER.
6.40-6.55.—"A Scottish Characteristic," by Mr. James Ure (Wednesday).
7.0 onwards.—Programme S.B. from Glasgow.
- THURSDAY, March 19th.**
3.30-4.30.—Kinnaird Hall Picture House Orchestra.
4.30-5.0.—Recital of New Gramophone Records.
6.0-6.30.—Teens' Corner.
5.15-6.0.—Teens' Corner.
6.35-11.0.—Programme S.B. from London.
- FRIDAY, March 20th.**
3.30-4.30.—Kinnaird Hall Picture House Orchestra.
5.15-6.0.—CHILDREN'S CORNER.
6.40-6.55.—Mr. David A. Anderson, on "Jute," S.B. to Glasgow, Aberdeen, Belfast and Edinburgh.
7.0-7.30.—Programme S.B. from London.
- An Hour With Schubert.**
The R.N.V.R. Band.
Conducted by A. RIMMER.
"Military March."
GERTRUDE EDGARD (Mezzo-Soprano).
"Margaret's Song"; "Death and the Maiden"; "The Miller and the Brook"; "The Brook's Lullaby." Band.
"Serenade."
ROBERT WATSON (Baritone).
"The Wraith"; "Wandering." Band.
"Unfinished Symphony." Band.
- 8.30. An Hour of Musical Comedy.**
Band.
Selection, "Brie-a-Brac"..... Monckton Gertrude Edgard.
"O Peaceful England"..... German
"Day Dreams" ("Pot-Pourri")....Griegh
"The Hour of Love" ("The Lift of")
"Near Thee"..... Leoville") (Caryll Band.
Selections {"The Geisha"..... Jones
"The Arcadians" Monckton and Talbot
Robert Watson.
"Jack's the Boy".....Jones
"A Jovial Monk".....Audran
"Four Jolly Sailors"..... German Band.
Sketch, "In Old Kentucky" Douglas (1)
- 9.30-10.0.—Programme S.B. from London.
9.55—LORD PROVOST HIGH "On behalf of Ex-Service Men."
10.0. Band.
March, "Colonel Bogey".....Alford
Contest Selection, "Lulline".....Wallace Robert Watson.
"The Vagrant".....Mullinar
"Trottin' to the Fair".....Stanford (1)
"Richard of Taunton Dene".....Molloy Band.
Concert March, "Pomp and Circumstance," No. 1.....Elgar (1)
- 10.30.—Close down.

Edinburgh Programme.

2EH 328 M.

Week Beginning Sunday, March 15th.

SUNDAY, March 15th.

- 3.0-5.30.—Programmes S.B. from Glasgow.
8.30-9.0.—Religious Service conducted by The Very Rev. CANON McGETTIGAN, of St. Mary's Roman Catholic Cathedral, assisted by the Cathedral Choir.
9.0-10.30.—Programme S.B. from London.
- MONDAY, March 16th.**
3.0-4.0.—The Station Pianoforte Trio.
5.0-6.0.—CHILDREN'S CORNER.
7.0-9.40.—Programme S.B. from London.
9.40.—Dr. R. W. LIVINGSTONE, S.B. from Belfast. Local News.
10.0-10.30.—Programme S.B. from London.
- TUESDAY, March 17th.**
11.30-12.30.—Gramophone Records.
3.0-4.0.—The Station Pianoforte Trio.
5.0-6.0.—CHILDREN'S CORNER.
6.40.—Prof. Charles Sarolea, LL.D., Ph.D., F.R.S.E., etc., on "The French Peasant."
7.0-11.0.—Programme S.B. from London.
- WEDNESDAY, March 18th.**
2.30-3.30.—The Station Pianoforte Trio.
3.30-4.0.—Talk to Schools: Mr. J. C. Smith, C.B.E., "Great Stories of the World."
5.0-6.0.—CHILDREN'S CORNER.
7.0-10.10.—Programme S.B. from London.
10.10-10.15.—Mr. J. S. CHISHOLM on "Horticulture. Local News.
10.20-11.0.—Programme S.B. from London.
11.0-12.0.—"THE ROMANY REVELLERS" from the Dunedin Palais de Danse.
- THURSDAY, March 19th.**
11.30-12.30.—Gramophone Records.
3.0-4.0.—The Station Pianoforte Trio.
5.0-6.0.—CHILDREN'S CORNER.
6.35-11.0.—Programme S.B. from Glasgow.
- FRIDAY, March 20th.**
2.30-3.30.—The Station Pianoforte Trio.
3.30-4.0.—Talk to Schools: Mr. H. Mortimer Batten, F.Z.S., "What We Learn from Track Reading."
5.0-6.0.—CHILDREN'S CORNER.
6.40-6.55.—Mr. David A. Anderson. S.B. from Dundee.
7.0.—WEATHER FORECAST and NEWS. S.B. from London.
PERCY SCHOLES. S.B. from London. Local News.
- Bach Recital.**
(J. S. Bach, born March 21st, 1685.)
MARY GRIERSON (Solo Pianoforte).
SUSANNE STONELEY (Solo Flute).
7.30. Mary Grierson.
Concerto in the Italian Style (Three Movements).
7.45. Mary Grierson and Susanne Stoneley.
Sonata for Flute and Pianoforte in A Major (Three Movements).
7.52. Susanne Stoneley.
Four Movements from Suite in B Minor for Flute and Clavier.
Rondo; Sarabande; Polonaise; Badinerie.
- 8.5.—Major LEONARD TOSSWILL on "The Prospects of the Scotland v. England Rugby Match."
- Popular Recital.**
DOROTHY FULLER HOBBIIE (Contralto)
THE EUTERPE DANCE ORCHESTRA.
HERBERT MORE (Violin).
ARNOLD RILEY (Saxophone).
F. KING (Banjo).
MARK LYONS (Piano).
N. CAMPBELL (Drums).
Dorothy Fuller Hobbie.
8.20. "A Birthday".....Huntington-Woodman
"Nocturne".....Curran
"The Trumpeter".....Diz (1)
- 8.30. Dance Orchestra.
In Selections from their Repertoire.
(Continued in column 2, page 371.)

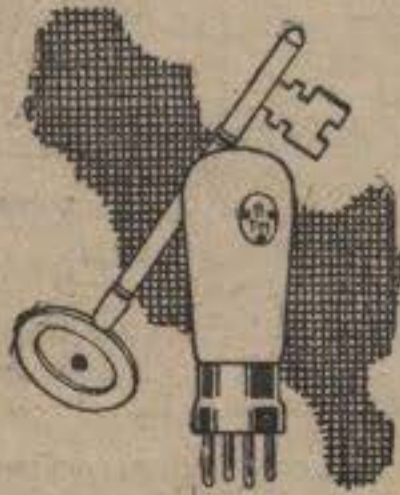
Hull Programme.

6KH 335 M.

Week Beginning Sunday, March 15th.

SUNDAY, March 15th.

- 3.0-5.30.) Programmes S.B. from London.
8.30-10.30.)
MON., March 16th, and WED., March 18th.
3.0-3.30.) Music relayed from the Majestic
4.0-4.30.) Picture House.
3.30-4.0.—WOMEN'S HALF-HOUR.
5.15-6.15.—CHILDREN'S CORNER.
6.40.—Boy Scouts' Talk (Wednesday).
7.0 onwards.—Programme S.B. from London.
- TUESDAY, March 17th, and THURSDAY, March 19th.**
3.0-3.30.) Gramophone Records.
4.0-4.30.)
3.30-4.0.—WOMEN'S HALF-HOUR.
5.15-6.15.—CHILDREN'S CORNER.
6.35-6.55.—Programme S.B. from London (Thursday).
7.0-11.0.—Programme S.B. from London.
- FRIDAY, March 20th.**
3.0-3.30.) Music relayed from the Majestic
4.0-4.30.) Picture House.
3.30-4.0.—WOMEN'S HALF-HOUR.
5.15-6.15.—CHILDREN'S CORNER.
7.0-7.30.—Programme S.B. from London.
- Music and Plays.**
WILLIAM MACREADY In Drama
EDNA GODFREY-TURNER
THE CHROMATIQUES MIXED VOICE QUARTET.
7.30. The Chromatiques.
Quartet: "The Song of the Pedlar" Williams (11)
"The Arrow and the Song" Balfé
Baritone: "If She Forsake Me" arr. Keel (1)
Soprano: "Una Voce Poco Fa" ("The Barber of Seville") Rossini
Soprano and Contralto: "April Morn" Batten (1)
Contralto: "A Woman's Last Word" Bantock
Quartet: "In Silent Night" Brahms (11)
7.50. The Comedy.
"THE IRISH DOCTOR" (J. H. Wood).
8.20. The Chromatiques.
Quartet: "The Rosary".....Nevin
Contralto: "Sappho's Farewell" Gounod
Contralto and Baritone: "O Lovely Night".....La don Ronald (5)
Baritone: "Arise, Ye Subterranean Winds" Purcell
"Down in the Forest" La don Ronald (5)
Soprano: "The Wayfarer's Night Song" Easthope Martin (5)
Quartet: "A Magical Key".....Aylward
8.40. The Drama.
"THE DAUGHTER'S CHOICE" (Donald Edwards).
9.10. The Chromatiques.
Quartet: "In This Hour of Softened Splendour".....Pinsuti (11)
Baritone: "Blow, Blow, Thou Winter Wind".....Quilter (1)
Soprano: "Ah, fors e lui" ("La Traviata") Verdi
Soprano and Baritone: "Trot Here and There" ("Véronique").....Messenger
Contralto: "The Dawn".....d'Hardelot
Quartet: "Good Evening".....Smith
9.50-10.0.—Programme S.B. from London.
10.0. "LOVE IN AN OFFICE" (E. G. Turner).
10.30.—Close down.
- SATURDAY, March 21st.**
3.0-3.30.) Gramophone Records.
4.0-4.30.)
3.30-4.0.—WOMEN'S HALF-HOUR.
5.15-6.15.—CHILDREN'S CORNER.
7.0.—WEATHER FORECAST and NEWS. S.B. from London.
Local Talk. Local News.
7.30-12.0.—Programme S.B. from London.



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Leeds-Bradford Programme.

2LS 346 M. 310 M.

Week Beginning Sunday, March 15th.

SUNDAY, March 15th.

- 3.0-5.30.—Programme S.B. from London.
- 8.15-9.0.—Service relayed from Queen's Street Chapel, Leeds. Address by The Rev. E. CATO.
- 9.0-10.30.—Programme S.B. from London.

MONDAY, March 16th.

- 11.30-12.30.—Gramophone Recital by Moses Baritz.
- 2.45-3.45.—The Station Trio.
- 5.15-6.15.—CHILDREN'S CORNER.
- 6.15.—Morse Practice by Engineer-in-Charge.
- 6.40.—Scout Corner: Mr. Lascelles Abercrombie, M.A., on "Poetry."
- 7.0-10.30.—Programme S.B. from London.

TUESDAY, March 17th.

- 11.30-12.30.—Gramophone Records.
- 2.30-4.0.—Isaac Freedman and his Orchestra, relayed from the Theatre Royal Picture Cinema, Bradford.
- 4.45-5.15.—WOMEN'S HALF-HOUR.
- 5.15-6.15.—CHILDREN'S CORNER.
- 7.0-11.0.—Programme S.B. from London.

WEDNESDAY, March 18th.

- 11.30-12.30.—Gramophone Records.
- 3.30-4.30.—Signor Calamini and his Orchestra, relayed from the Scala Theatre, Leeds.
- 5.15-6.15.—CHILDREN'S CORNER.
- 6.15.—Morse Practice by Engineer-in-Charge.
- 6.40.—"On My Anvil," by the Smilesmith.
- 7.0-11.0.—Programme S.B. from London.

THURSDAY, March 19th.

- 11.30-12.30.—Gramophone Records.
- 2.30-4.0.—Isaac Freedman and his Orchestra.
- 4.45-5.15.—WOMEN'S HALF-HOUR.
- 5.15-6.15.—CHILDREN'S CORNER.
- 6.35-11.0.—Programme S.B. from London.

FRIDAY, March 20th.

- 11.30-12.30.—Gramophone Records.
- 1.30-4.0.—Talks to Local Schools: Mr. Herbert Bardgett, "Musical Appreciation." Miss M. Simpson, "Nature Studies."
- 4.0-5.0.—Signor Calamini and his Orchestra.
- 5.15-6.15.—CHILDREN'S CORNER.
- 6.15.—Morse Practice by Engineer-in-Charge.
- 7.0-7.30.—Programme S.B. from London.
- THE WIRELESS OCTET.
MIRANDA SUGDEN (Soprano).
WILLIAM HAYLE (Baritone).

- 7.30. The Octet.
Overture, "Don Giovanni" Mozart
1.36. Miranda Sugden.
"Somewhere a Voice is Calling" Tate (8)
"A Brown Bird Singing" .. Haydn Wood
Valse Song ("Romeo and Juliet") Gounod
7.53. The Octet.
"Valse Triste" Sibelius
7.58. William Hayle,
"Sea Fever" John Ireland
"The Gentle Maiden" (Old Irish).
"Linda Lea" Vaughan Williams (1)
8.6. The Octet.
Selection, "Gems of Tchaikovsky"
arr. O. Langley
8.18. Miranda Sugden and William Hayle.
Duet, "Still As the Night" .. Carl Czerny
8.23. The Octet.
"In the Steppes of Central Asia" Borodin
8.31. Miranda Sugden.
"Love Has Eyes" Bishop (11)
"Villanelle" Eva Dell'Acqua
"Ave Maria" Mascagni
8.45. The Octet.
Selection, "La Bohème" Puccini
9.0. William Hayle,
"Sombre Woods" Lully, arr. A. L. (1)
"Onaway, Awake, Beloved" Cowen
The Octet.
"Military March" Granados
9.30-10.30.—Programme S.B. from London.

SATURDAY, March 21st.

- 11.30-12.30.—Gramophone Records.
- 2.45-3.45.—The Station Trio.
- 5.15-6.15.—CHILDREN'S CORNER.
- 7.0-12.0.—Programme S.B. from London.



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Liverpool Programme.

6LV 315 M.

Week Beginning Sunday, March 15th.

SUNDAY, March 15th.

3.0-5.30.—Programme S.B. from London.
8.30-9.0.—Religious Services from Studio.
9.0-10.30.—Programme S.B. from London.

MONDAY, March 16th.

11.0-12.0.—Midday Concert.
3.30-4.30.—Gaillard and his Orchestra, relayed from the Scala Super Cinema.
5.30-6.30.—CHILDREN'S CORNER.
7.0-10.30.—Programme S.B. from London.

TUESDAY, March 17th.

3.30-4.0.—WOMEN'S HALF-HOUR.
4.0-5.0.—The "State Brighter Liverpool" Band, relayed from the State Café.
5.30-6.30.—CHILDREN'S CORNER.
7.0-11.0.—Programme S.B. from London.

WEDNESDAY, March 18th.

11.0-12.0.—Midday Concert.
3.30-4.30.—Gramophone Lecture by Moses Baritz.
5.30-6.30.—CHILDREN'S CORNER.
7.0-11.0.—Programme S.B. from London.

THURSDAY, March 19th.

3.30-4.0.—WOMEN'S HALF-HOUR.
4.0-5.0.—Gaillard and his Orchestra.
5.30-6.30.—CHILDREN'S CORNER.
6.35-11.0.—Programme S.B. from London.

FRIDAY, March 20th.

3.15-3.45.—School Transmission.
4.0-5.0.—"State Brighter Liverpool" Band.
5.30-6.30.—CHILDREN'S CORNER.
7.0-7.25.—Programme S.B. from London, Local News.

Second Request Programme.

UNA TRUEMAN (Solo Pianoforte).

PHILIP WISE (Tenor).

THE AUGMENTED STATION ORCHESTRA:

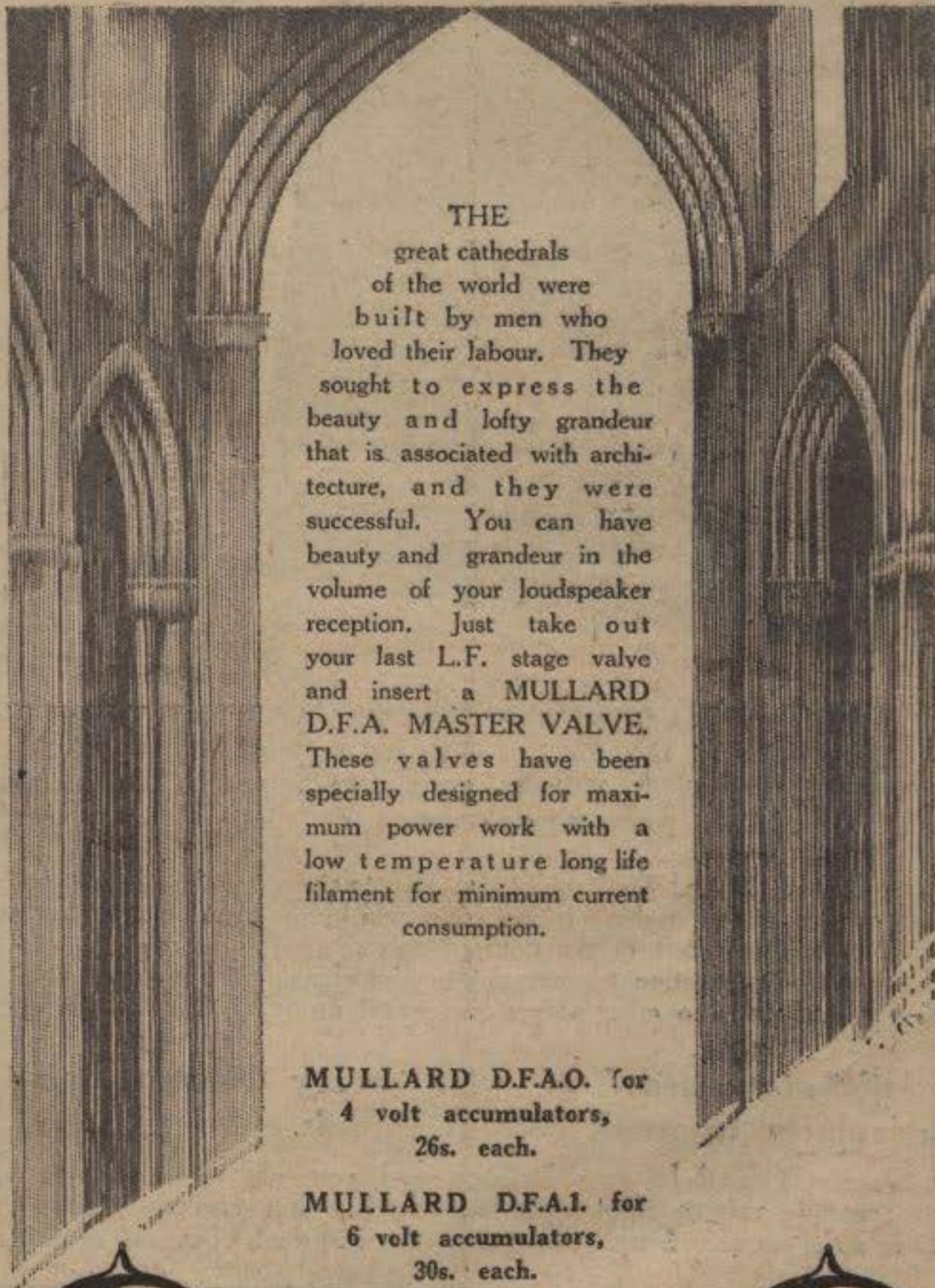
Under the Direction of FREDERICK BROWN.

- 7.30. Orchestra.
Overture, "Il Soraglio" Mozart
7.35. Una Trueman.
Sonata in C Minor, Op. 27, No. 2 ("The Moonlight") Beethoven
7.50. Orchestra.
"Irish Tune from County Derry" Percy Grainger
"Mock Morris Dance"
"Handel in the Strand"
8.5. Philip Wise.
"O Mistress Mine"
"Blow, Blow, Thou Winter Wind" Roger Quilter (1)
8.15. Orchestra.
"Spanish Dance" Veeco
Ballet Suite from "Henry VIII." Saint-Saëns
8.40. Una Trueman.
"Musical Box" Liadon
"Waltz Sketch" Hodge (34)
Polonaise, Op. 26, No. 1
Valse, Op. 64, No. 2 Chopin
Valse in E Flat Minor
8.55. Orchestra.
Symphony No. 39 in E Flat Mozart
9.30-10.0.—Programme S.B. from London.
10.0. Philip Wise.
"The Gentle Maiden" arr. Somervell
"Devotion" Haydn Wood
"Nightfall at Sea" Montague Phillips
10.10. Trio.
"Serenade" Widor
Overture, "Zampa" Hérold
10.30.—Close down.

SATURDAY, March 21st.

3.0-4.0.—Mr. Ellingford's (City Organist) Organ Recital, relayed from St. George's Hall.
5.30-6.30.—CHILDREN'S CORNER.
7.0.—WEATHER FORECAST AND NEWS, S.B. from London.
Mr. J. A. CLUBB, Curator of the Museums, on "Liverpool Museums."
Local News.
7.30-12.0.—Programme S.B. from London.

VOLUME



THE great cathedrals of the world were built by men who loved their labour. They sought to express the beauty and lofty grandeur that is associated with architecture, and they were successful. You can have beauty and grandeur in the volume of your loudspeaker reception. Just take out your last L.F. stage valve and insert a MULLARD D.F.A. MASTER VALVE. These valves have been specially designed for maximum power work with a low temperature long life filament for minimum current consumption.

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MULLARD D.F.A.1. for 6 volt accumulators, 30s. each.

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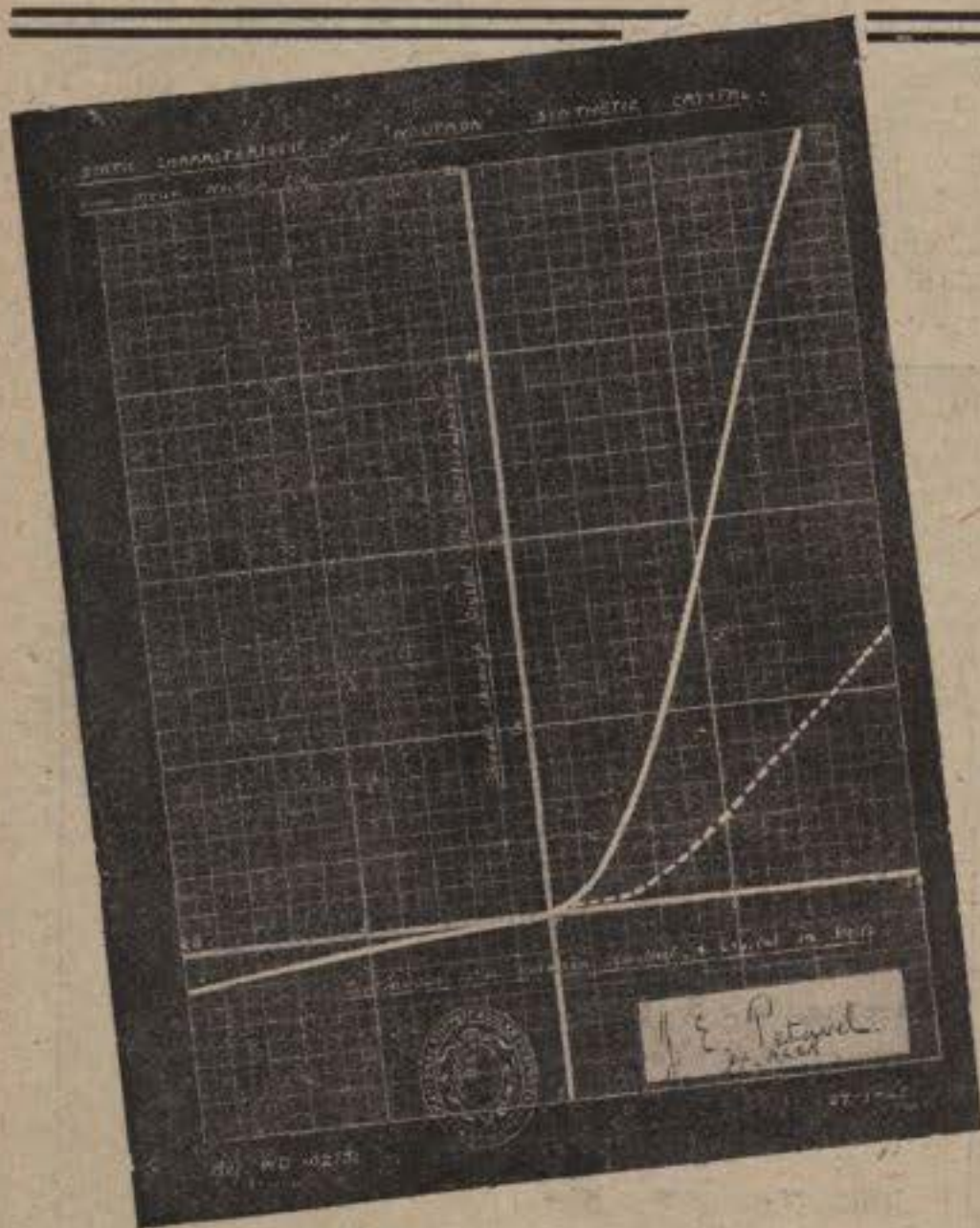
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Mullard

THE MASTER VALVE

Advt.—The Mullard Radio Valve Co., Ltd. (R.T.), Nightingale Works, Balham, S.W.12.



What this Curve means to every Crystal user-

THIS is a photographic reproduction of a curve supplied by the National Physical Laboratory, Teddington—part of a complete report, the other sections of which will be published from time to time. The only addition made to this photograph is the DOTTED curve, which is explained below.

THE Neutron Curve is the solid white curve. Vertically, the reading is representative of the strength of current operating your headphones; horizontally, the reading represents the strength of the incoming signal.

The dotted Curve represents an average taken from six Curves of other Crystals which have been published in the Press; and since these other curves have been obtained by similar methods of testing, it will be seen that Neutron Crystal passes more than twice as much current to operate your headphones.

Inferior Crystals (dotted line) whilst sensitive to strong signals, are insensitive to weak signals, as shown by the "kink" in the lower part of the dotted "curve." No known crystal is proportionately sensitive to weak signals as to strong signals; in other words, no crystal shows

the ideal straight line; but it is claimed that Neutron Crystal presents the nearest approach to the "straight line curve" that it is possible to attain. Neutron detects, and makes audible in your phones, weak, distant transmissions that other Crystals are powerless to detect.

A Laboratory proof of what every Neutron user knows; great sensitivity, particularly to weak distant signals.

Put Neutron Crystal in your Detector, and you will discover that not only does Neutron give you the fullest possible volume from your local Station, but also its remarkable sensitiveness enables you to listen (if your aerial equipment and other apparatus are efficient, of course) to two, three, four, or even five stations at will.

Stocked by the Best Radio Dealers.
Packed in tin, with silver cats-whisker.
Insist on Neutron, in the Black and Yellow Tin. If unable to obtain, send 1/6 with dealer's name, and this wonderful crystal will be mailed by return. **1/6**



Concert Tested and Guaranteed Radio Crystal.

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144, Theobald's Road, London, W.C.1. 'Phones: Museum 3795 & 6841.

Produced by: NEUTRON LTD., Sicilian House, Southampton Row, London, W.C.1. 'Phone: Museum 2077.

Nottingham Programme.

5NG 326 M.

Week Beginning Sunday, March 15th.

SUNDAY, March 15th.

3.0-5.30. } Programmes S.B. from London.
8.30-10.30. }

MONDAY, March 16th.

11.30-12.30.—Pianola Recital.
3.30-4.30.—The Scala Picture Theatre Orchestra.
Musical Director: Andrew James.
4.30-5.0.—WOMEN'S TOPICS.
5.15-6.0.—CHILDREN'S CORNER.
6.0-6.15.—'Teens' Corner.
6.20-6.30.—Station Topics.
6.35-6.55.—Mr. O. A. Bentley, Ph. C.: "Medicinal Plants and Their Uses" (3).
7.0-10.30.—Programme S.B. from London.

TUESDAY, March 17th.

11.30-12.30.—Gramophone Records.
2.30-3.30.—Moses Baritz: "Irish Music."
3.30-4.30.—Lyons' Café Orchestra. Conductor: Brasseley Eyton.
4.30-5.0.—WOMEN'S TOPICS.
5.15-6.0.—CHILDREN'S CORNER.
6.0-6.15.—Boys' Brigade Corner.
6.20-6.35.—'Teens' Corner.
6.35-6.55.—Prof. A. W. Kirkaldy, M.A., B.Litt., M.Com.: "The Romance of Trade" (3).
7.0-11.0.—Programme S.B. from London.

WEDNESDAY, March 18th.

11.30-12.30.—Short Story Hour.
3.30-4.30.—Lyons' Café Orchestra.
4.30-5.0.—WOMEN'S TOPICS.
5.15-6.0.—CHILDREN'S CORNER.
6.0-6.55.—Mr. Neil Wright, M.A., B.Ed.: Talk and Telephone-Wireless Discussion on "Human Nature: (1) Human Motives."
7.0-11.0.—Programme S.B. from London.

THURSDAY, March 19th.

11.30-12.30.—Pianola Recital.
3.25-3.45.—Transmission to Schools: Mr. S. E. Baynes Smith, B.Sc.: "The Primrose."
3.45-4.45.—The Scala Picture Theatre Orchestra.
5.15-6.0.—CHILDREN'S CORNER.
6.20-6.35.—'Teens' Corner.
6.35-11.0.—Programme S.B. from London.

FRIDAY, March 20th.

11.30-12.30.—Gramophone Records.
3.20-4.30.—Lyons' Café Orchestra.
4.30-5.0.—WOMEN'S TOPICS.
5.15-6.0.—CHILDREN'S CORNER.
6.20-6.35.—'Teens' Corner.
6.35-6.50.—Mr. R. B. Shaw (Poultry Lecturer at the Midland Agricultural and Dairy College): "Poultry Keeping: The Breeding Season."
7.0-7.30.—Programme S.B. from London.

Popular Concert.

THE HUTHWAITE PRIZE BAND,
Conductor: CHARLES A. COOPER.
LEONARD HUGHES (Tenor).
MARK MELLERS (Baritone).
ELIZABETH SPENCER (Pianoforte).

7.30. Band.
Overture, "Light Cavalry".....Suppe
"Pomona".....Douglas
Leonard Hughes.
"In June".....Frank Idle
"I Heard You Singing".....Eric Coates
"Invictus".....Bruno Huhn
Band.
Selection, "Dinorah".....Meyerbeer (1)
GEORGE HAMES (Solo Euphonium).
"Asleep in the Deep".....Patrie
Mark Mellers.
"The Mountains o' Mourne".....P. French
"Myself When Young".....L. Lehmann
Leonard Hughes.
"Across the Hill".....J. C. Holliday
"Lend Me Your Aid".....Gounod
Band.
Humoresque, "Who's Dat A-Callin'?"
Truman
Intermezzo, "Passion Flowers" Somerville
Mark Mellers.
"The Londonderry Air".....arr. Monk Gould
"The Erl-King".....Schubert
Leonard Hughes.
"O Moon of My Delight".....L. Lehmann
"Linden Lea".....Vaughan Williams (1)
"Where'er You Walk".....Handel (11)

(Continued in column 2, page 571.)



**Uncle Fellows
calling !!!**

A triumph of co-operation!
- a two valve set for £4.10.0

When business experts and wireless engineers co-operate you can be certain the result is worth having.

Our wireless engineers have constructed one of the most ingenious circuits ever devised.

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Their co-operation has been attended with the greatest success as the excellent performance and low price of the "Little Giant" shows.

Little Giant Two-Valve Set £4 10 0
or
Complete with Loud Speaker, all accessories and Marconi Tax paid £10 5 0

Its range is exceptional and we claim it to be equal to that of any ordinary three-valve set. Good results with a Loud Speaker should be obtained anywhere in the country.

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Well-equipped Sales and Demonstration Offices for
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Cabinet only £4 10 0
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or
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AN IDEAL INSTRUMENT.



Handsome in appearance, unrivalled for clarity and tonal qualities.

By concentrating on a single model we are able to produce a loud speaker of the highest grade, large enough to give ample volume, and yet at a price only a little more than that of miniature instruments.

PRICES:

120 ohms, 42/6. 2,000 ohms, 44/-. 4,000 ohms, 45/-.

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SUPER-SENSITIVE HEADPHONES

specially suitable for use with crystal sets and for tuning-in distant stations.

PRICE: 20/-

Resistances 120 ohms, 2,000 ohms, or 4,000 ohms as required.

OBTAINABLE FROM ALL LEADING DEALERS.

**SIEMENS BROTHERS & CO., LIMITED,
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"Ease of Control and long-distance Reception"—these qualities meet the requirements of every listener and reach their zenith in A.J.S.

A.J.S.

THE HALL MARK OF RADIO PERFECTION

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OF THE
A.J.S. RANGE**

THE A.J.S. "UNITOP" CABINET RECEIVER

forms top section of "Unit System" Cabinet and contains A. J. S. 4-Valve Receiver. Complete in itself, it may be converted into a beautiful pedestal cabinet by subsequent purchase of first a centre section to contain both batteries and then base section containing special A.J.S. Loud Speaker. Used alone, the "Unitop" is a compact and attractive piece of furniture and a highly efficient Receiver, easily portable for outdoor functions. In Mahogany, or Light, Dark, or Wax-polished Oak. Complete with all accessories, ready for use, 30 Guineas. (Without accessories, £24 10s.)

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Designed and constructed by experienced Cabinet-makers to contain the A.J.S. 4-Valve Receiver. Represents the highest standard yet achieved in the design of Wireless Receiving Sets. Each cabinet is a complete unit containing 4-Valve Receiver, H.T. and L.T. Batteries, special A. J. S. Loud Speaker to match cabinet, and all accessories. In Mahogany or Oak,
£0 Guineas.

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WIRELESS BRANCH, WOLVERHAMPTON.**

Phone: 1550; Wireless Call Sign: 5R1; Grams: "Reception, Wolverhampton."

Plymouth Programme.
 5PY 338 M.
 Week Beginning Sunday, March 15th.

SUNDAY, March 15th.

3.0-5.30.—Programme S.B. from London.
 8.15-9.0. Sunday Evening Service,
 Relayed from
 George Street Baptist Church.
 Hymn, "Sun of My Soul" (A. and M.,
 No. 24).
 Hymn, "Fight the Good Fight" (A. and M.,
 No. 540).
 Sermon by The Rev. G. E. MITCHELL,
 Pastor of King Street Wesleyan Church.
 Hymn, "The Day Thou Gavest" (A. and
 M., No. 477).
 9.0-10.30.—Programme S.B. from London.

**MONDAY, March 16th, and WEDNESDAY,
 March 18th.**

3.30-4.30.—Ernest Manning and his Orchestra,
 relayed from the New Palladium Cinema.
 5.0-5.30.—WOMEN'S TOPICS.
 5.30-6.30.—CHILDREN'S CORNER.
 7.0 onwards.—Programme S.B. from London.

TUESDAY, March 17th.

3.30-4.30.—Ernest Manning and his Orchestra.
 5.0-5.30.—WOMEN'S TOPICS.
 5.30-6.30.—CHILDREN'S CORNER.
 6.30.—Mr. W. A. Clegg, "Scouting in Relation
 to Education."
 6.40.—Mr. Eric J. Patterson, M.A. (Cantab.),
 "Adult Education in the South-West
 of England" (7).
 7.0-11.0.—Programme S.B. from London.

**THURSDAY, March 19th, and SATURDAY,
 March 21st.**

4.0-5.0.—Albert Fullbrook and his Trio, relayed
 from the Royal Hotel.
 5.0-5.30.—WOMEN'S TOPICS.
 5.30-6.30.—CHILDREN'S CORNER.
 6.35-6.55.—Ministry of Agriculture's Fort-
 nightly Bulletin. Market Prices for
 Farmers. S.B. from London (Thursday).
 7.0 onwards.—Programme S.B. from London.

FRIDAY, March 20th.

3.30-4.0.—Talks to Schools: Mr. A. E. Kelsey,
 "Heraldry and Coat Armour." Musical
 Interlude. Mr. A. P. Steer, "Photo-
 graphy."
 4.0-5.0.—Albert Fullbrook and his Trio.
 5.0-5.30.—WOMEN'S TOPICS.
 5.30-6.30.—CHILDREN'S CORNER.
 6.40-6.55.—Mr. John Case, "The Rotor Ship."
 7.0.—WEATHER FORECAST and NEWS.
 S.B. from London.
 PERCY SCHOLES. S.B. from London.
 Local News.

An All-British Programme.

DOROTHY HOWELL (Composer-Pianist).
 FLORENCE EDGAR (Soprano).
 ARTHUR WATKINSON (Baritone).
 ALBERT HOSIE (Solo Violin).
 • THE HOSIE STRING AND PIANO-
 FORTE QUARTETS.
 7.30. Pianoforte Quartet.
 Suite, "The Seasons" J. C. Ames
 7.45. Florence Edgar.
 "I Know a Lovely Garden" ... D'Hardelot
 "Red Roofs" Brahe
 7.55. String Quartet.
 Quartet No. 1, "Shakespeare Fairy
 Characters" Speaight
 8.5. Arthur Watkinson.
 "Onaway, Awake" Cowen
 "Drink to Me Only With Thine Eyes"
 Quilter
 8.15. DOROTHY HOWELL RECITAL.
 Dorothy Howell (Solo Pianoforte).
 "Humoresque" } (17)
 "Spindrift" }
 "Toccata" }
 Florence Edgar.
 "The Little Prince."
 "The Little Princess."
 "If You Meet a Fairy" (2)

(Continued in column 3, page 571.)

Louden Valves



Filament Volts 4-5
 Filament Amps. 0.4
 Anode Volts 40-80



"A thousand melodies unheard before"—ROGER.

IF you would appreciate to the full the delicate texture and beauty of stringed music, fit your set with Louden Valves.

They have a long life. They are economical to use, and they cost only eight shillings and sixpence; but their outstanding quality is the "Silver Clear" reproduction which they give.

No other valve made combines all these advantages in the same degree.

That is why the Louden Valve is coming so rapidly to the forefront of popular favour.

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The Plain Louden for Detecting and Low-Frequency Amplifying. The Blue Louden for H.F. Amplification.
 All Loudens are Silver Clear and free from mush. Their current consumption is very low and their life long.

PRICE 8/6

Louden Valves - Silver Clear



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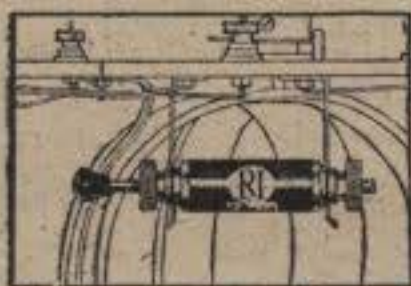
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Following the tremendous appreciation recorded in the recent **daily press** and the **astounding results** obtained with the R.I. Permanent Detector, we have been asked to build a loudspeaker set to work with one of these wonderful crystals. Here you have one of the finest loudspeaker combination sets on the market.

There are big reasons for the superiority of this R.I. Combination.

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- (2) The Constant Strength of Detection given by the R.I. Permanent Detector.
- (3) The Freedom for Crystal Adjustment and Altered Tuning.
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View showing how the P.M. Detector



is mounted on the panel.

The R.I. two-valve amplifier in a magnificent mahogany cabinet with folding doors, P.M. Detector and only one-knob tuning. Price **£12-12-0**

THE SET OF THE SEASON.

The P.M. crystal set has single-knob tuning only. Complete in polished mahogany cabinet

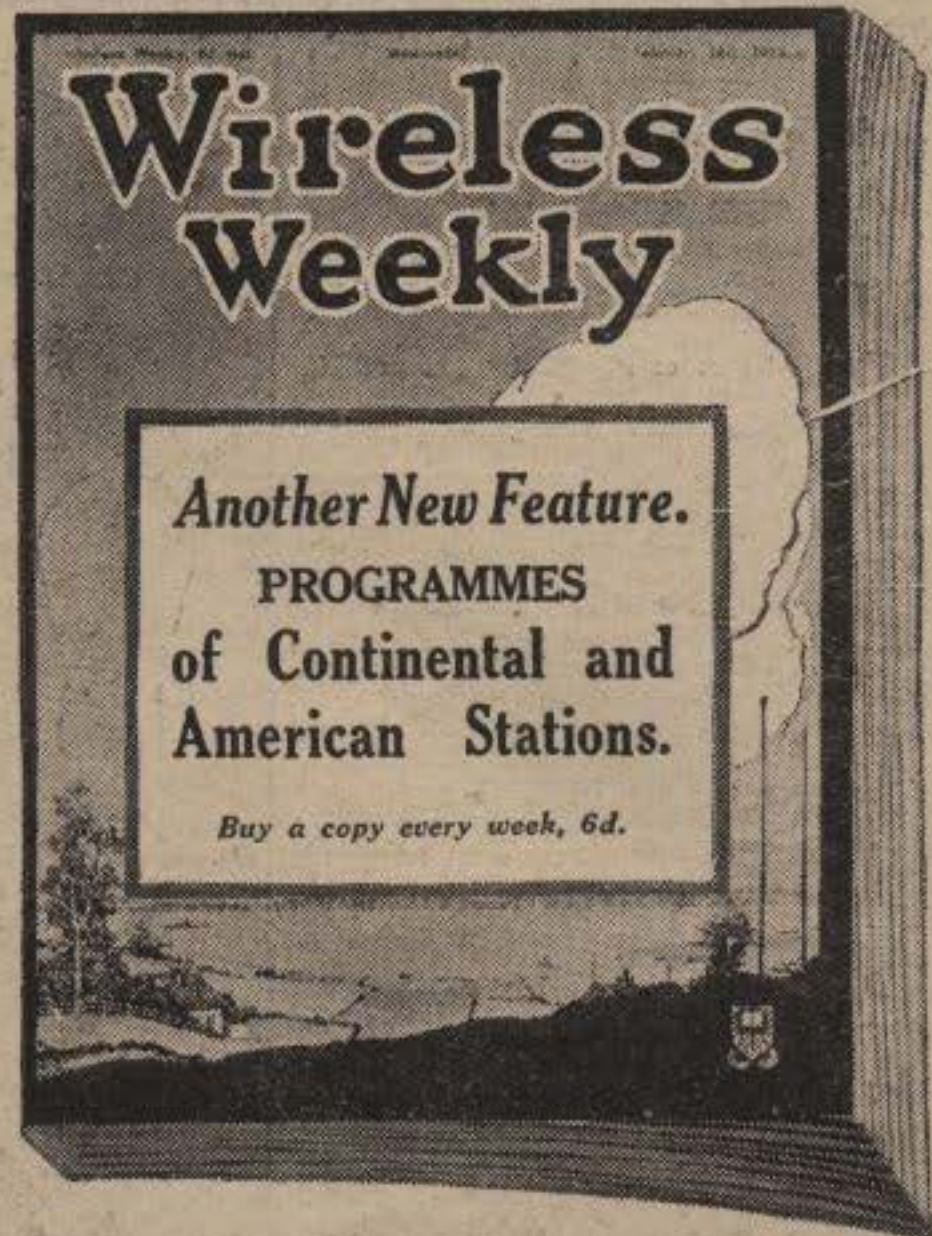
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**In the Foreground
—as is customary.**

The "Wireless Weekly" again fully maintains its reputation as the leading organ in wireless by the introduction and regular publication of Continental and American Broadcasting Programmes—in advance.

This new feature, which first appeared in our issue of March 4th, will be regularly included in the form of a supplement and elaborate arrangements have been concluded whereby accurate and detailed times of

CONTINENTAL AND AMERICAN BROADCASTING PROGRAMMES

for the coming week will be given, together with names of artists, the songs and music rendered and other fascinating particulars.

The inclusion of this novel and attractive feature will still further enhance the vast popularity of this great weekly wireless journal. Start reading it yourself.

Wireless Weekly
6d. **Weekly** 6d.
Every Wednesday.

Edited by John Scott-Taggart, F.Inst.P., A.M.I.E.E., so well known for his many original and popular circuits. These are described only in Radio Press publications, of which he is the Editor-in-Chief. This journal is the only weekly wireless paper containing articles by such other well-known writers as Percy W. Harris, M.I.R.E. (Asst. Editor), and the following Staff Editors:—Chapman, Cowper, Hallows, Kendall, Rattee, Redpath, etc.

Advt. of Radio Press Ltd., Bush House, Strand, London, W.C.2.

Sheffield Programme.

6FL 301 M.

Week Beginning Sunday, March 15th.

SUNDAY, March 15th.

- 3.0-5.30.—Programme S.B. from London.
 8.15-9.0.—Church Service, relayed from St. Paul's Church.
 9.0-10.30.—Programme S.B. from London.

MONDAY, March 16th, to THURSDAY, March 19th.

- 11.30-12.30.—Gramophone Records.
 3.30-4.30.—(Albert Hall Programme (Tuesday and Thursday).
 Gramophone Records (Wednesday).
 4.0-5.0.—Orchestral items, relayed from the Grand Hotel (Monday).
 5.0-5.30.—WOMEN'S CORNER.
 5.30-6.30.—CHILDREN'S CORNER.
 (Station Director's Talk (Monday).
 6.30.—Eric N. Simons: "John Masfield" (Wednesday).
 6.35-6.55.—Ministry of Agriculture's Bulletin. Market Prices for Farmers (Thursday).
 7.0 onwards.—Programme S.B. from London.
 10.10-10.15.—Horticultural Talk (Wednesday).

FRIDAY, March 20th.

- 11.30-12.30.—Gramophone Concert.
 4.0-5.30.—Grand Hotel Orchestra.
 5.30-6.30.—CHILDREN'S CORNER.
 6.40-6.55.—Mr. W. Percival Westell, F.L.S., "Wonderland Nature Talks—(5) The Paths Across the Fields."
 7.0-7.25.—Programme S.B. from London.
 Local News.

Schubert Night.

- 7.30.—Mr. G. E. LINFOOT, Mus. Bac., B.Sc., Musical Adviser to the Sheffield Education Committee, on "Schubert."
THE STATION STRING QUARTET:
 Under the Direction of COLLIN SMITH.
 RISPAN GOODACRE (Contralto).
 HAROLD JOLLEY (Tenor).
 IVY SMITH (Pianiste).
 7.40.—String Quartet in A Minor.
 Allegro ma non troppo; Andante; Menuetto; Allegro Moderato.
 8.10.—Harold Jolley.
 Songs from the Song Cycle, "The Maid of the Mill."
 "The Wandering Miller"; "Whither"; "The Enquirer"; "Impatience"; "Withered Flowers."
 8.25.—Ivy Smith.
 Impromptu in B Flat.
 Moment Musical in F Minor.
 8.35.—Rispah Goodacre.
 Two Famous Songs:
 "Gretchen at the Spinning Wheel"; "The Erl-King."
 8.42.—Trio for Piano, Violin and Cello in B Flat.
 Allegro Moderato; Andante un poco mosso; Scherzo; Rondo.
 9.17.—Harold Jolley.
 Songs from the Song Cycle, "A Winter Journey."
 "Good Night"; "The Linden Tree"; "The Organ Grinder."
 9.25.—Violin Solo, Ballet Music from "Rosamunde."
 9.30.—WEATHER FORECAST and NEWS.
 S.B. from London.
 Mr. ALAN COBHAM. S.B. to all Stations.
 Local News.
 10.0-10.30.—Programme S.B. from London.

SATURDAY, March 21st.

- 6.0-5.20.—WOMEN'S CORNER.
 5.30-6.30.—CHILDREN'S CORNER.
 7.0-12.0.—Programme S.B. from London.

"RADIO TIMES" READING CASE.

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



At their new price of 20/- per pair the **Brown** Featherweight Headphone is extraordinary value for money. There's no longer any excuse why all the members of the family should not possess their own individual 'phones. It should not be necessary for the children to quarrel over whose turn it is to listen in. Get every one a pair of these wonderfully comfortable 'phones—even little mites of very tender years can enjoy Broadcasting when the headphones weigh only six ounces and fit the head so snugly.

Picture Slogan Competition

Owing to the immense popularity of our competition in the issue of February 20th of the "Radio Times" (more than 40,000 replies were received) our awards are not complete. Full results will be published in the "Radio Times" of March 27th.

F-type Headphones

(Featherweight type)
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 120 ohms and 4,000 ohms.

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LOUD SPEAKERS

Standard
2000 ohms £5 0 0
4000 ohms £5 10 0
120 ohms £4 15 0

Junior 55/-
2000 ohms
Black Crystalline or Black Satin Enamel.

Tom-Tit 30/-
2000 ohms
Black Crystalline or Bright Satin Enamel.

C.A.V. ACCUMULATORS for Wireless. Our new C.W. range incorporate all the latest constructional improvements, and behind every accumulator there is 32 years manufacturing experience.

IMMEDIATE DELIVERY.

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

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

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

B.T.H. Tungar
FOR CHARGING BATTERIES ON ALTERNATING CURRENT SUPPLY

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The Ideal Combination
B.T.H. RADIO SET
AND A
TUNGAR
FOR BATTERY CHARGING
ON A.C. SUPPLY

Stoke - on - Trent Programme.

6ST 306 M.

Week Beginning Sunday, March 15th.

SUNDAY, March 15th.

3.0-5.30.—Programme S.B. from London.
 8.30-9.0.—Religious Service from Studio.
 Hymn, "Praise to the Holiest in the Height" (A. and M. No. 172).
 Address by The Rev. W. WILLIAMS, Vicar of Dresden.
 Hymn, "Jerusalem the Golden" (A. and M. No. 228).
 9.0-10.30.—Programme S.B. from London.

MONDAY, March 16th, to WEDNESDAY, March 18th, and SATURDAY, March 21st.

12.30-1.30.—Midday Concert (Tuesday).
 3.30-4.30.—The Majestic Cinema Orchestra: Musical Director—Thomas Beckett.
 5.0-6.0.—CHILDREN'S CORNER.
 6.30-6.55.—Instructions in the Morse Code (Tuesday).
 7.0 onwards.—Programme S.B. from London.

THURSDAY, March 19th.

3.30-4.30.—Gramophone Records of the Week
 5.0-6.0.—CHILDREN'S CORNER.
 6.35-6.55.—Ministry of Agriculture's Fortnightly Bulletin. Market Prices for Farmers. S.B. from London.
 7.0-11.0.—Programme S.B. from London.

FRIDAY, March 20th.

12.30-1.30.—Midday Concert.
 3.0-3.30.—Transmission to Schools: Miss L. Morral, "How to Enjoy Poetry."
 3.30-4.30.—The Majestic Cinema Orchestra.
 5.0-6.0.—CHILDREN'S CORNER.
 6.30-6.55.—Instructions in the Morse Code.
 7.0.—WEATHER FORECAST and NEWS. S.B. from London.
 PERCY SCHOLES. S.B. from London. Local News.

HERBERT E. SHERWIN'S ORCHESTRA.

GLADYS PEAKE (Contralto).

GERTIE WOOD (Entertainer and Reciter).

C. CADDICK-ADAMS (Solo Violoncello).

7.30. The Orchestra.
 March, "Le Père la Victoire" ... Louis Ganne
 Operatic Selection, "The Emerald Isle" ... Sullivan and German
 Gladys Peake.

"Softly Awakes My Heart" ... Saint-Saëns
 "Hushed is My Lute" ... M. Phillips
 The Orchestra.

Suite, "Ballet Egyptien" ... A. Luigini
 Gertie Wood.

"David Copperfield and the Waiter" ... Dickens

C. Caddick-Adams.
 Violoncello Solo: Selected.

The Orchestra.
 Italian Symphony (Two Movements) ... Mendelssohn

Gladys Peake.
 "Away on the Hill" ... Landon Ronald
 "A Little Winding Road" ... Landon Ronald
 The Orchestra.

Preludium ... Järnefelt
 Overture, "William Tell" ... Rossini
 Gertie Wood.

A few Humorous Stories

9.30-9.55.—Programme S.B. from London.
 Local News.

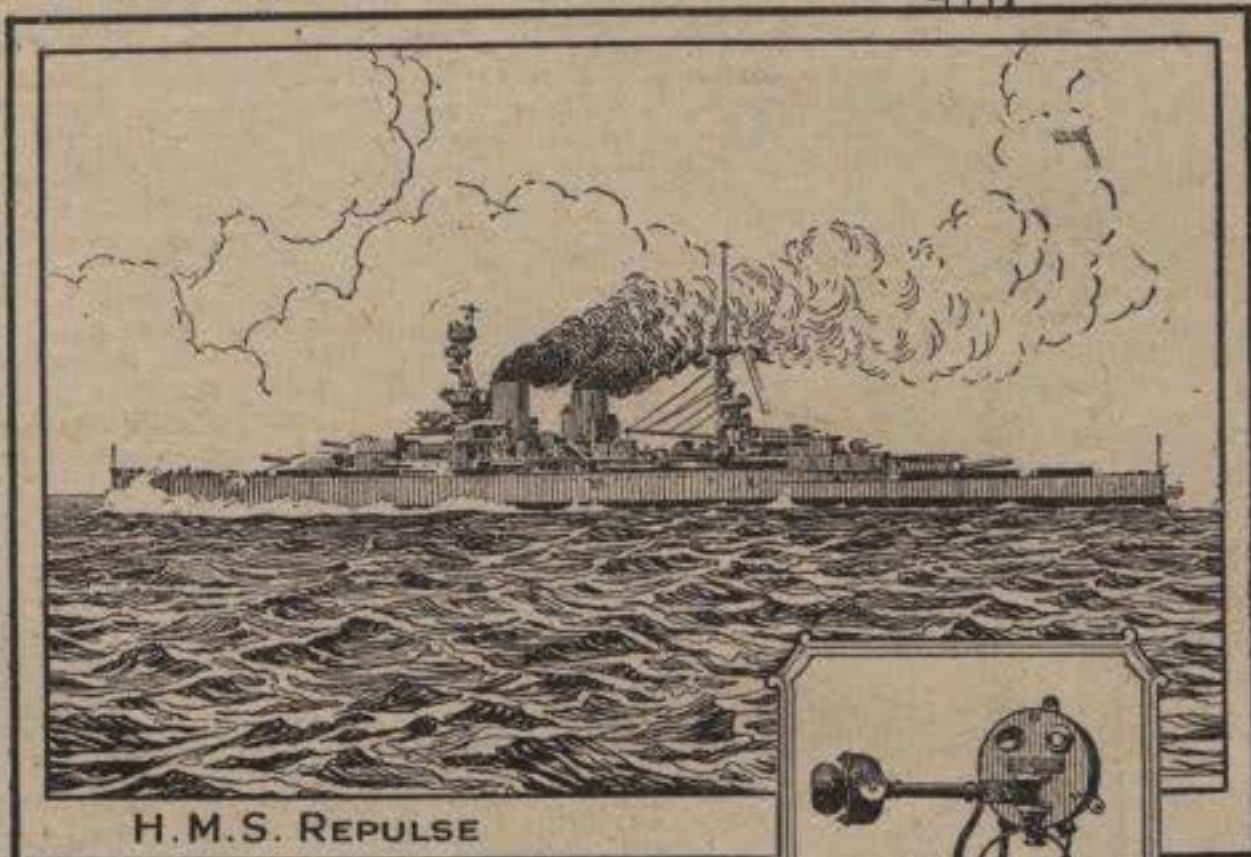
10.0. The Orchestra.
 Scenes from "Lohengrin" ... Wagner
 Gladys Peake.

"Inter Nos" ... Macfadyen
 The Orchestra.

Overture, "The Bohemian Girl" ... Balfe

10.30.—Close down.

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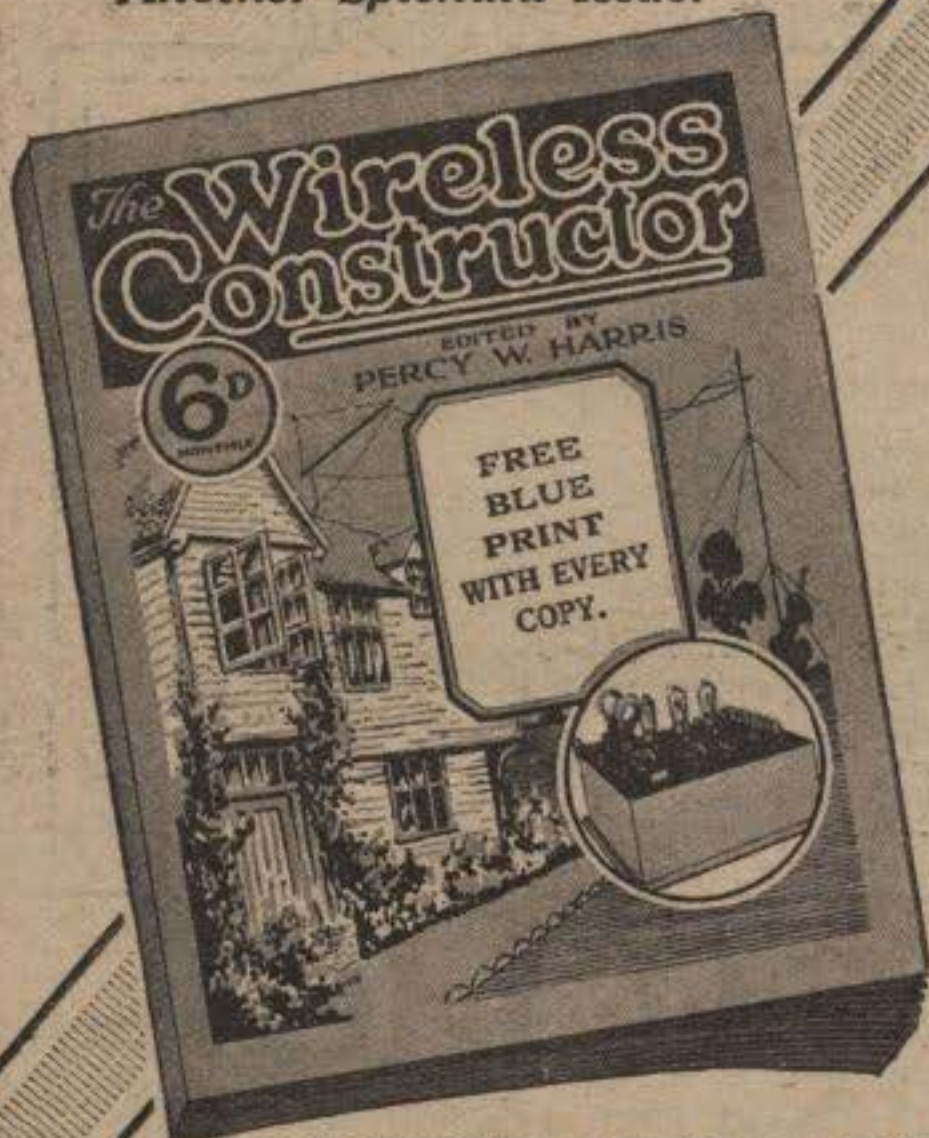


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A Small Selection from Contents: "How to make a Powerful 3-Valve Set." By Percy W. Harris, M.I.R.E. "How to make a Choke Coupled Amplifier." By John W. Barber. "Look after your Telephones." An article of great value to every reader. By Stanley G. Rattee, M.I.R.E. "How to make a 2-Valve Amplifier for the 'Stay Set' Crystal Set" described in the last issue. By D. J. S. Hartt, B.Sc. "How to make a Single Valve Short Wave Set." By C. P. Allinson. "How to make a Loose Coupled Crystal Set." "The Editor at 2L.O." Many other articles, hints and tips, and more humour describing how "Mr. Gumblethorpe Gets On." By Broadcatcher.

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Swansea Programme.

5SX 485 M.

Week Beginning Sunday, March 15th.

SUNDAY, March 15th.

3.0-5.30.—Programme S.B. from Cardiff.
 8.30-9.0.—Studio Service, conducted by The Rev. Canon C. W. WILSON. Choral Items by the Choir of St. Mary's Church.
 9.0-10.30.—Programme S.B. from London.
 10.30-10.45.—Programme S.B. from Cardiff.

MONDAY, March 16th.

3.0-4.0.—The Castle Cinema Orchestra, relayed from the Castle Cinema. Musical Director—Jack Arnold.
 5.0-5.15.—WOMEN'S TOPICS.
 5.15-6.0.—CHILDREN'S CORNER.
 7.0-10.30.—Programme S.B. from London.

TUESDAY, March 17th.

3.0-4.0.—Gramophone Records.
 5.15-6.0.—CHILDREN'S CORNER.
 7.0-11.0.—Programme S.B. from London.

WEDNESDAY, March 18th.

3.0-4.0.—The Castle Cinema Orchestra.
 5.0-5.15.—WOMEN'S TOPICS.
 5.15-6.0.—CHILDREN'S CORNER.
 7.0-11.0.—Programme S.B. from Cardiff.

THURSDAY, March 19th.

3.0-4.0.—J. W. Barlow's Trio.
 5.15-6.0.—CHILDREN'S CORNER.
 6.35-11.0.—Programme S.B. from London.

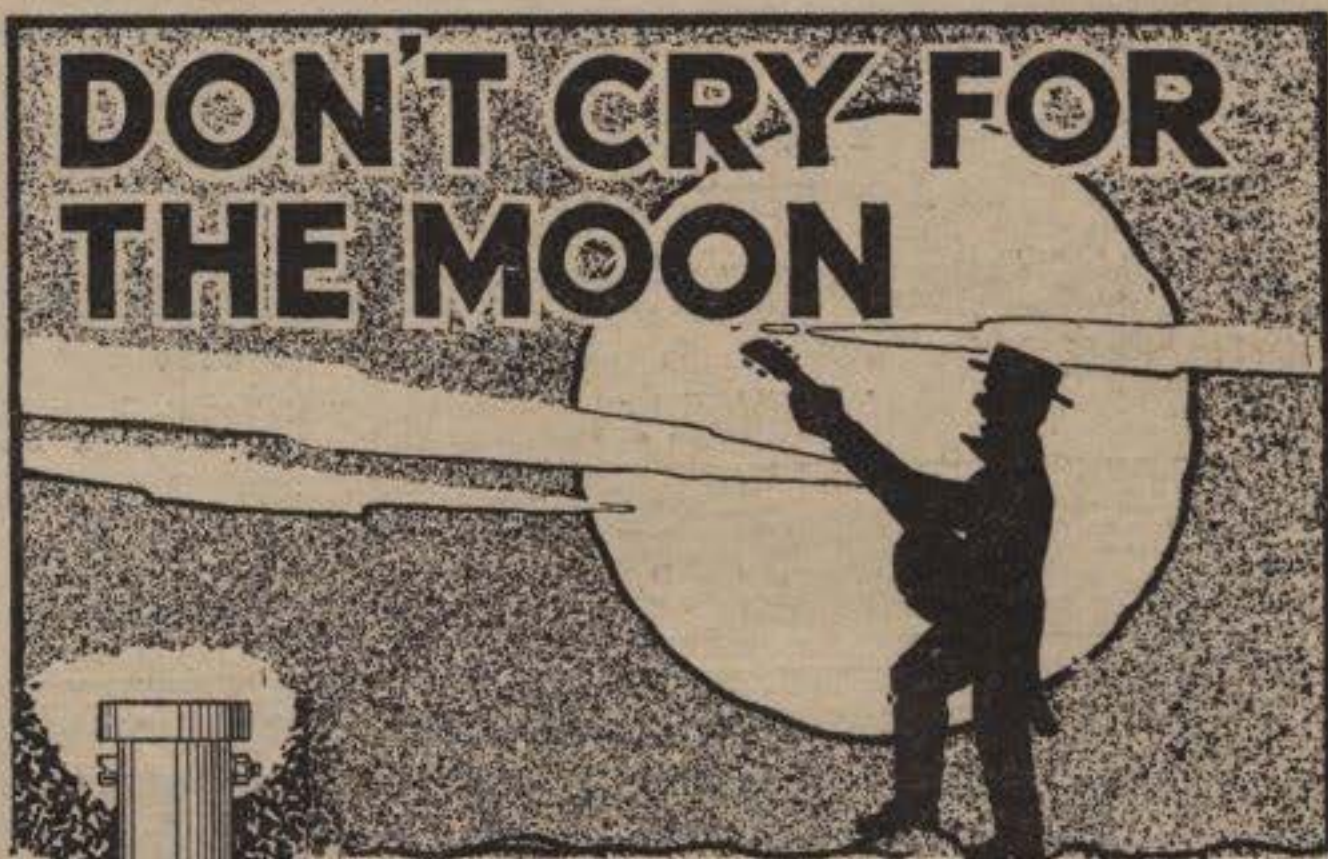
FRIDAY, March 20th.

3.0-4.0.—The Castle Cinema Orchestra.
 5.0-5.15.—WOMEN'S TOPICS.
 5.15-6.0.—CHILDREN'S CORNER.
 7.0-7.30.—Programme S.B. from London.
 DAVID PRICE (Bess).
 T. D. JONES (Solo Pianoforte).
THE SWANSEA POLICE BAND:
 Bandmaster—A. SHACKLEFORD,
 R.M.S.M.
 (By kind permission of R. D. Roberts, Esq.,
 Chief Constable).

7.30. The Band.
 March, "Children of the Regiment" Fucik
 Overture, "Zanetta"Aubar (1)
 Descriptive Fantasia, "The Ambuscade"
Laurend
 Selection, "I Pagliacci"Leoncavallo
 David Price.
 8.0. "The Mighty Deep"W. H. Jude
 "Devonshire Cream and Cider" Sanderson (1)
 T. D. Jones and Eileen Jones.
 Pianoforte Duet, "Hungarian Rhapsody,"
 No. 2Liszt
 8.20. The Band.
 Duet for Flute and Clarinet, "Lo! Here
 the Gentle Lark"Bishop (1)
 (P.C.'s DIEHL and HANAN.)
 Selection, "Wilfred Sanderson's Songs"
 arr. Hume (1)
 David Price.
 8.40. "The Wreck"W. A. Little (7)
 "Captain Mac"Sanderson (1)
 ALBERT E. HOWARD (Readings).
 "Jan Plays Football"
 "Jan Goes Up in the Air"Steuer
 T. D. Jones.
 "Polichinelle"Bachmaninov
 "Valse Chromatique"Godard
 9.10. The Band.
 Tubophone Solo, "The Tubophone" Hume (1)
 (Soloist—P.C. WILLIAMS.)
 Sketch, "Ireland For Ever"
W. H. Myddleton (1)
 Humorous Variations, "Three Blind Mice"
Latter
 7.0-7.30.—Programme S.B. from London.
 10.0. T. D. Jones.
 "The Musical Box"Pouishnoff (5)
 "Petite Valse"Pouishnoff (5)
 David Price.
 "Shipmates o' Mine"Sanderson (1)
 The Band.
 Selection, "Operas of Offenbach" arr. Ansell
 Fantasia, "The Leek" ...W. H. Myddleton
 10.30.—Close down.

SATURDAY, March 21st.

3.0-4.0.—The Castle Cinema Orchestra.
 5.15-6.0.—CHILDREN'S CORNER.
 7.0-12.0.—Programme S.B. from Cardiff.



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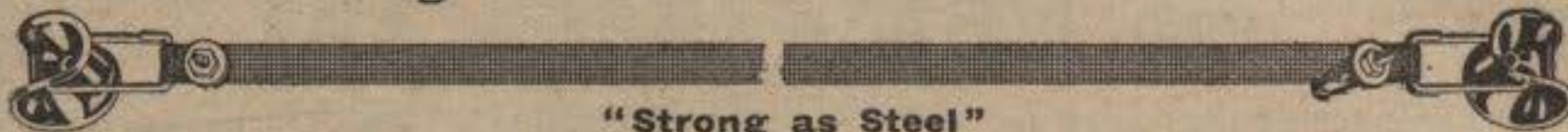
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Tuesday's Programme.

(Continued from page 541.)

6.40-6.55.—Mr. J. H. Barker, "Fishing in Canada."
7.0-11.0.—Programme S.B. from London.

2BD ABERDEEN. 495 M.

3.30-5.0.—Concert: The Wireless Trio. Anne Ballantine (Contralto). Feminine Topics.
5.15-6.0.—CHILDREN'S CORNER.
6.40-7.0.—Mr. Arthur Collingwood, F.R.C.O.: "Milestones in Music: Grieg and Dvorak."
7.0-11.0.—Programme S.B. from London.

5SC GLASGOW. 420 M.

3.30-4.30. **An Hour of Melody.**
THE WIRELESS QUARTET.
Overture, "L'Oasis" Corbin
Suite, "A Coon's Day Out" Baynes (1)
CHRIS McNAB (Contralto).
"The Greatest Wish in the World"
T. del Riego
"At the Mid-Hour of Night" F. H. Cowen (15)
Quartet.
Selection, "Galathée" Mascé
Chris McNab.
"Robin Adair" Traditional
"Danny Boy" Old Irish (1)
Quartet.
Valse, "Zigeuner Primas" Kalman
4.45-5.15.—WOMEN'S HALF-HOUR: Miss Hamman-Watson on "Girls' Schools."
5.15-6.0.—CHILDREN'S CORNER.
6.0-6.5.—Weather Forecast for Farmers.
7.0-11.0.—Programme S.B. from London.
11.0.—"NEW PRINCE'S FRIVOLITIES"
CABARET, including the Russian Cabaret, "Serena Mish," together with Alfredo and his Dance Band (from Prince's Restaurant, London), relayed from the Ulster Hall. S.B. from Belfast.
12.0.—Close down.

Friday's Programme.

(Continued from page 547.)

7.55. Miss J. M. B. Currie.
"O Till a Feannan" (25)
"O Theid mi G'ad Amharc" (25)
"Bonnie George Campbell" (25)
Clarsach (Highland Harp) Accompaniments by Mrs. Ian M. Campbell.
8.7. The Lady Elspeth Campbell of Argyll: "A Few Words About the Clan Tartan, and What is Known About the Songs in the Programme."
8.20. Neil MacLean.
"Minathan a Ghlinne do."
"The Campbells Are Coming."
"Caol Mùile" (25)
"Casteal a Ghlinne" (25)
8.32. J. Graham Campbell.
Selection of Pipe Music.
Arranged by Capt. George Campbell, who will say a few words.
8.47. Mrs. Ian M. Campbell.
Clarsach (Highland Harp) Solos.
8.57. Miss J. M. B. Currie and Neil MacLean.
Duets ("Si mo leannan the in a thann" (25)
"Gradh Geal mo Chrìdh" (25)
9.7. Orchestra.
"Coronach" Ed. Barratt (4)
9.17. Mavis Bennett.
Three Hebridean Love Lilt
Kennedy-Fraser (1)
"The Island Herdmaid," "Pulling the Sea-Dulse," "An Eriskay Love Lilt."
9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
Mr. ALAN COBHAM. S.B. from London.
Local News.
10.0. Orchestra.
"Keltic Suite" Foulds
10.10. Mavis Bennett.
Old Scots Airs.....arr. Ross and Moffat (34)
"The Scottish Blue Bells," "The Spinning Wheel," "Oh, Sing to Me the Auld Scotch Songs."
10.20. Orchestra.
March, "The London Scottish" ... Haines
10.30.—Close down.

Edinburgh Programme.

(Continued from page 555.)

8.45. Dorothy Fuller Hobbie.
Three Little Fairy Songs Besly
"The Jasmine Door" Scott (1)
"In the Time of Roses" Reichardt
"Messages" Grey
9.0.—Prof. C. G. BARKLA, F.R.S., D.Sc., Nobel Laureate, on "Sir Isaac Newton."
(Sir Isaac Newton died March 20th, 1727.)
9.20. Dance Orchestra.
In Selections from their Repertoire.
9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
Mr. ALAN COBHAM. S.B. from London.
G. L. MARSHALL on "Station Topics."
Local News.
10.10 (approx.). Dorothy Fuller Hobbie.
"Night and the Curtains Drawn" Ferrata
"The Morning Wind" Branscombe
"Yesterday and To-Day" Spross
"Ishtar" Spross
10.18. Dance Orchestra.
In Selections from their Repertoire.
10.30.—Close down.
SATURDAY, March 21st.
3.0-4.0.—The Station Pianoforte Trio.
5.0-6.0.—CHILDREN'S CORNER.
7.0-12.0.—Programme S.B. from London.

Nottingham Programme.

(Continued from page 561.)

J. B. COOPER (Solo Trombone).
"The Tyrolienne" Sutton Band.
Selection, "Faust" Gounod Mark Mellers.
"Father O'Flynn" Villiers Stanford (1)
"Edward" Locwe H. Meggitt and C. A. Cooper.
"Ida and Dot" Loscy Band.
Selection, "Recollections of Ireland" Rimmer
9.30-10.0.—Programme S.B. from London.

10.0. **Pianoforte Recital.**
(John Sebastian Bach—Born March 21st, 1685.)
Elizabeth Spencer.
1st Movement, Italian Concerto }
Prelude and Fugue in C Major } Bach
Extracts from English Suites }
Chorale, "Mortify Us by Thy Goodness"
Bach, transcribed by Rummel

10.30.—Close down.
SATURDAY, March 21st.
3.15-4.15.—The Scala Picture Theatre Orchestra.
5.0-6.0.—CHILDREN'S CORNER.
6.0-6.10.—Alderman E. L. Manning: "National Savings."
6.35-6.55.—Mr. Frank Heald ("John o' Trent"):
"Outdoor Topics."
7.0-12.0.—Programme S.B. from London.

Plymouth Programme.

(Continued from page 563.)

Albert Hosie.
"Phantasy."
"The Moorings."
"Rosalind" (17)
Arthur Watkinson.
"Pot-Pourri" (1)
"My White Lady."
"The Tortoiseshell Cat."
"Two Frogs" (1)
String Quartet.
"Minuet." "Dance." "Christmas Eve."
Dorothy Howell.
Five Studies (17)
Theme and Variations.
9.30.—WEATHER FORECAST and NEWS.
Mr. ALAN COBHAM. S.B. from London.
Local News.
10.0. String Quartet.
"Widdicombo Fair" ... Julius Harrison
Florence Edgar.
"Rose in the Bud" Dorothy Forster
"The Violin Song" ("Tina") Paul Rubens
Pianoforte Quartet.
Folk Tune and Fiddle Dance Percy Fletcher
10.30.—Close down.

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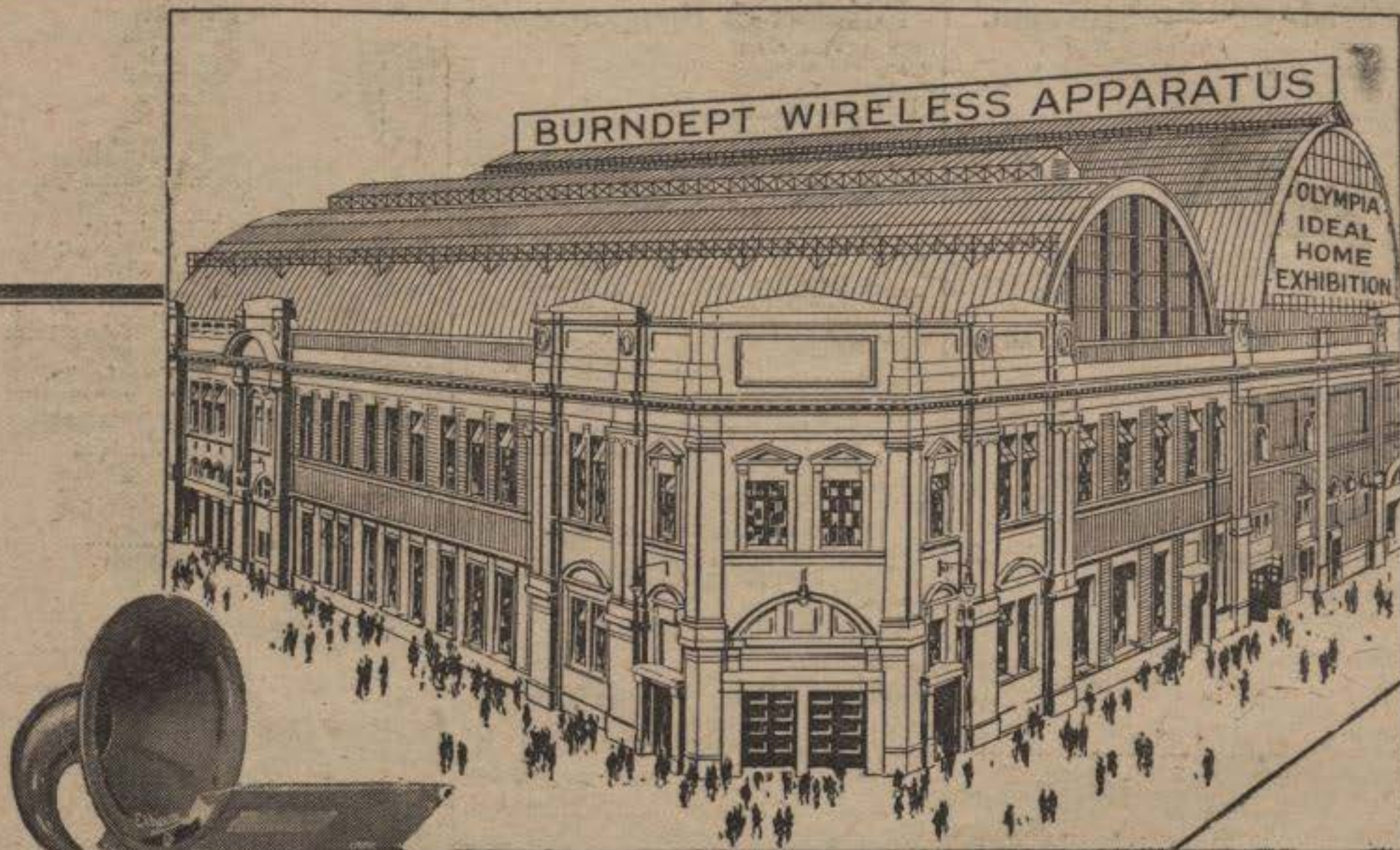
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DATE..... "Radio Times," 13-3-'25.

WHAT music there is in this word! Though it conjure up the vision of a humble tenement, a simple villa, or a stately pile, we know its real beauty and meaning lies in what we each make it. Britain's greatness owes its chief support to its home life, and our love for home is one of the finest characteristics of our race. Thus it is no surprise that our favourite annual exhibition is that of the "Ideal Home" at Olympia, where is displayed all that is newest for the comfort and convenience of our homes.

Home has had an even greater attraction than adornment (though Burndeft Apparatus has both qualities) since the advent of broadcasting. This has created a new circle of its own, and now in the privacy of our homes the daily story and entertainment of the world can be ours by the mere touching of a switch. Have you yet made your home truly "ideal" in this manner?

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Send at once 2d. postage for our 192-page booklet containing particulars of 300 yachts, wherries, motor boats, houseboats and bungalows, also caravans we have for hire and long article "How to enjoy a Broad's Holiday." Also craft on Dutch canals, Rivers Thames, Ouse, and Cam.

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Clarity of reception for Speech and Music.

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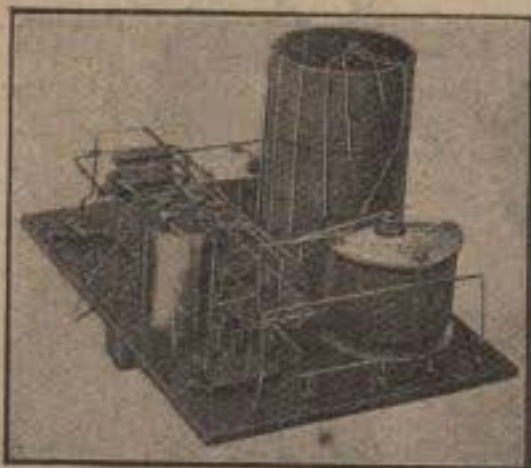
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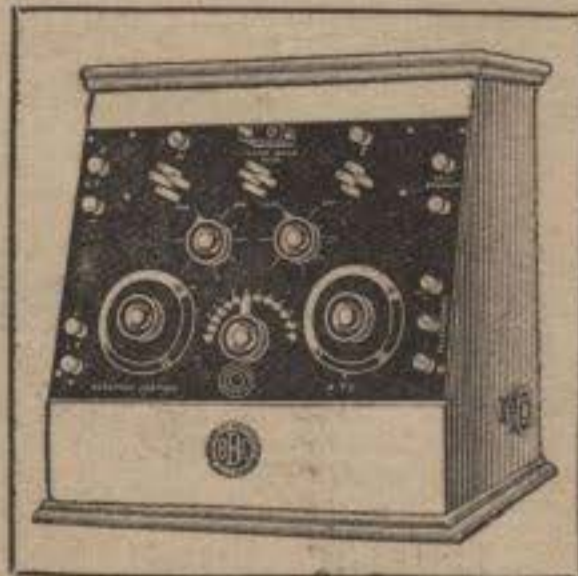


One of our instruments about half finished (note special design of coil which gives high efficiency and eliminates interference.)

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Dunham instruments have already established themselves as being by far the most efficient on the market and the new model now ready is as far ahead of the old model, as the old model was ahead of other instruments. **SUPER STRENGTH—SUPER QUALITY and SUPER RANGE** and the same everlasting guarantee. The new unique circuit arrangement makes Dunham instruments by far the most efficient and their beautiful finish gives them pride of place in every home. Ranges of 400 to 500 miles on the loud speaker are quite ordinary achievements, while America even comes through clearly and strongly on telephones on our two valve set. The Spanish station is clearly and wonderfully reproduced on the loud speaker with the new three valve receiver and generally it is a machine that is absolutely unique in its class, equalling if not surpassing a good many four valve receivers. Receiver only (new model), £10 10s. 6d., plus Marconi royalty fee, 37s. 6d., or absolutely complete installation including all royalties and fees £16 19s. 6d. Write for full catalogue and more particulars of the wonderful machines we market and traders for Agency forms and good trade terms.

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VOLTAGE	TYPE	ACTUAL Ampere-Hour Capacity	PRICE	
			Cell Only Uncharged	In Container Type "O"
2 Volts	1-HZ 2	40	0 17 6	1 3 6
	1-HZ 3	60	1 1 0	1 8 0
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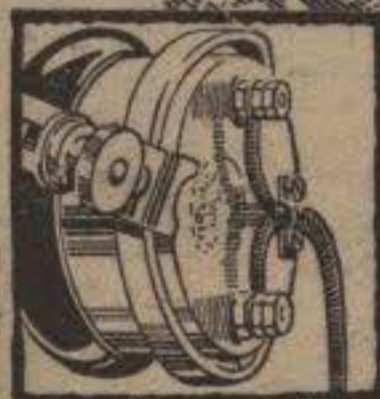
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