

THE POWER OF WORDS. By A. P. HERBERT.



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EVERY FRIDAY,

Two Pence.

OFFICIAL PROGRAMMES OF THE BRITISH BROADCASTING COMPANY.

For the Week Commencing SUNDAY, AUGUST 10th.

- LONDON CARDIFF
ABERDEEN GLASGOW
BIRMINGHAM MANCHESTER
BOURNEMOUTH NEWCASTLE
SHEFFIELD (Relay)
PLYMOUTH (Relay)
EDINBURGH (Relay)
LIVERPOOL (Relay)
LEEDS-BRADFORD (Relay)
HULL (Relay)

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THE MYSTERY OF MAGNETIC STORMS.

THE LIGHTNING COMPOSER. Schubert and His Songs.

OFFICIAL NEWS AND VIEWS.

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

Radio and the Young Idea.

By J. C. STOBART.

The newly-appointed Director of Education to the B.B.C. outlines his plans in the following article.

ABOUT the time when these lines appear in print, I shall be taking my seat officially at 2, Savoy Hill, as Director of Education to the British Broadcasting Company...

In October we shall begin a three months' term. The programme of educational transmissions from headquarters falls naturally into three parts.

First there are the afternoon broadcasts, specially intended for schools. Acting under the advice of our Central Advisory Committee on education, we have for the past four months been giving a weekly talk on Friday afternoons specially intended for schools...

Next term we are going to give from the London Station an educational talk intended for children between the ages of 12 and 16 every afternoon at 3.15 p.m. These will not be simultaneously broadcast. Other stations have their own methods...

There is no intention to introduce rigid uniformity. During the autumn I hope to visit and confer with the Local Advisory Committees in each area, to discover how far their needs are already met...

Over 120 schools are already known to us

in London as regular listeners to our school transmissions. These cover all the home counties, and some are as far away as Norfolk, Lincoln, and Warwickshire.

For next term our programme will be somewhat as follows: Every Monday Sir Henry Walford Davies, who has just added the Gresham Professorship of Music to his other distinctions will give a short talk on music...

On Tuesdays Mr. Kay Robinson has been asked to give a talk on Nature Study; on Wednesdays the writer will deal with literature, under the title of 'Stories in Poetry'...

We hope to have some portion of The Radio Times available for providing the necessary illustrations for such subjects as Nature Study, and the text of lessons in literature and languages.

We scarcely expect that any school will listen to these broadcast lectures every afternoon; it is more likely that they will select

(Continued overleaf in column 3.)



Mr. J. C. STOBART.

The Lightning Composer.

Schubert and His Songs. By R. D. S. McMillan.



F. SCHUBERT.

PERHAPS the best definition of genius is that it is simply an infinite capacity for taking pains. If we judge the career of Franz Schubert on this count, he comes through the trial with great honour. For Schubert was nothing if not painstaking, and the amount of work he accomplished in his short life was prodigious. By the time he was twenty, he had no fewer than 500 pieces—mostly songs—to his credit, and when he died eleven years later, he left a total of over 1,000 compositions of all descriptions.

Genius—or Clairvoyance?

"I compose every morning," Schubert once confessed, "and when one piece is done I begin another." He has been accused of having had a weakness for excessive conviviality, but no man who was intemperate in his habits could have done the work he did. The well-known song "Der Zwerg," was composed in a music publisher's shop while Schubert was carrying on a conversation with a friend; an overture for piano (four hands) he wrote "in Joseph Huttenbrenner's rooms, at the city-hospital, in the inside of three hours."

Such spectacular ease of production, unparalleled as it is in music, gave rise to the suggestion that he composed whilst in a state of clairvoyance. Another argument advanced as proof of this unnatural gift was that he did not recognize his own work. A song in a friend's writing was placed before him at the piano and Schubert played the piece through. "That's not bad," he said. "Who composed it?" "You yourself," was the reply; "it was too high for me, so I wrote it out in another key." On the other hand, this incident might be simply an illustration of his prolific production—writing so rapidly as he did, might he not have forgotten some of his work?

His Failure in Opera.

The essence of intelligibility is one of the characteristics of Schubert's music. He was ebullient in his melodies, and that is probably why he never scored a success in opera; there were flashes of sheer beauty here and there, but there was not the sustained dramatic intensity which is a *sine qua non* to operatic success.

Born in Vienna in 1797, Franz Schubert was a contemporary of Beethoven, by whose fame he was overshadowed. Franz's chief handicap throughout the early years of his career was that the music publishers would not accept his songs, believing them to be so difficult that they would never sell. Not until he was twenty-five were any of his compositions printed. The first to be published was his most famous song, "The Erl King," which he had written along with that almost equally beautiful creation, "The Wanderer," when he was nineteen.

Moods of Despondency.

For some of his songs he was paid the munificent sum of tenpence apiece, so that we can hardly wonder at his moods of despondency. "My most brilliant hopes have come to nothing," he wrote in 1824. The dark patches apart, there is something joyous about Schubert's life. He had an infinite capacity for

friendship, and there was nothing he enjoyed more, after his work was finished, than to make merry with some kindred spirits. One of his great friends, with whom he shared lodgings, was Mayrhofer, the hypochondriacal German poet. Mayrhofer used to write his poems and throw them page after page to Schubert, who immediately set them to music.

His Unsuccessful Romance.

Schubert's father was a schoolmaster and for some three years Franz became a school-teacher. He detested the position; nevertheless this period of his life saw the birth of some of the work that made him famous—all written in his spare time. It was in 1814, also while he was a school-teacher, that he composed his first and finest Mass (in F). He left the school at last, and some time later obtained a post as music teacher in the household of Count Johann Esterhazy, and it is upon this period that the romanticists like to dwell. For it was said that Franz became infatuated with one of the Count's daughters, and was severely grieved when he found a more wealthy suitor had won her heart. The fact was that Franz really did fall in love with Caroline Esterhazy and she did marry another—but not until sixteen years after Schubert's death!

It is pleasant for us in this country to recall that Schubert found inspiration in the works of Sir Walter Scott, a number of which he set to music. Usually he sought lines in which deep yearning was expressed; but still many of Scott's poems were of a sombre character in keeping with a certain mood of Schubert's.

Setting Shakespeare to Music.

In the printed songs Schubert insists that "the illustrious name of Scott" appear. Shakespeare also furnished a medium for Schubert to work his melody upon. "Hark, hark, the Lark" is one of the Shakespearean songs; and the same evening that Schubert composed this he wrote music to two other pieces—one being "Who is Sylvia?"—from the Bard's work, a fact which seems to favour the belief that he composed music to various poems of one writer at the same sitting. Of the other English songs which Schubert illuminated with the magic of his genius Colley Cibber's "Blind Boy" is notable.

Among the greatest of Schubert's compositions is what is popularly known as "The Unfinished Symphony," which comes nearest to the superlative, not alone on account of its supreme melodic beauty, but also because it is his most individual creation. His symphony in C major also must not remain unmentioned.

A Sudden Illness.

In 1827 Franz was a frequent visitor at the bedside of the dying Beethoven, and little did he realize when he followed the master's cortège to the grave that he himself would be laid beside him a year later. Schubert had never been strong, but his last illness was a sudden one, a symptom of which was that he could not eat.

As he lay in bed, some books by Fenimore Cooper came into his possession—"The Last of the Mohicans," "The Spy," "The Pilot," and "The Pioneers"—and so thoroughly did these occupy his mind that his last letter we find to be to a friend asking him if he can get any more by the same author. Schubert's last wish was that he should be buried near Beethoven, and his desire was fulfilled, for his grave was dug only three places away from that of the master he revered so much.

Radio and the Young Idea.

(Continued from the previous page.)

one or two of the subjects as they fit in best with the school programme. We have had ample evidence already to prove that children can learn from lectures received by means of the loud speaker. Many of the essays which have been sent in to the London Office prove this beyond all question. Broadcasting can never replace the essential work of the teacher, but it can—we feel sure—provide a very useful, if not absolutely essential, addition to the ordinary fare provided in the ordinary school.

We have also had in mind the needs of the adult student. Most valuable advice and assistance have been received from the Adult Education Committee, and from the British Institute of Adult Education. To meet their requests, we have drawn up a programme of talks to take place at 7.15 on three nights in the week, and these will be given from the London Station to any of the local stations which may desire to have them.

On Mondays the Natural History Museum will supply a series of talks on Insects in Relation to Man. These will be given fortnightly; on the intervening Monday Mr. Stewart Dick, of the National Gallery, is being asked to give a course on the great pictures in the National Gallery. On Wednesday evenings at the same time Mr. C. H. B. Quennell, the well-known architect, and writer of the "History of Everyday Things," will give a course of talks, entitled "Everyday Life in Early Times," and these will alternate with a series of simple expositions on Finance by Mr. Hartley Withers, the well-known writer on economic subjects. On the first and third Thursdays in each month the Institut Français will supply a French course of a more advanced type, and the intervening Thursdays are being reserved for a series of travel talks by well-known travellers. With the four critics, who will continue as before, this provides a talk of an instructive character at 7.15 p.m. every evening except Saturday.

Finally, we are not forgetting the claims of the ordinary intelligent listener who has no desire to go back to school, but who will be ready to appreciate an interesting account of some important subject by a first-rate authority. Hitherto, the evening talks have been interesting indeed, but rather disconnected. We are going to try the experiment of making these a little more purposeful, by arranging them in series fortnightly. Hence we have set apart three evenings for a serious discussion of some topic of general interest, at 9.45 p.m. This will be simultaneously broadcast to the whole country.

On Tuesdays Sir William Bragg has promised to give a series of lectures on Sound; on Wednesdays we are hoping that the British Drama League will give us a series of lectures with illustrative scenes depicting the whole history of the Drama; on Fridays a number of Government departments will each contribute a monthly talk on subjects of general interest relating to their sphere of activity. Sir George Newman's talks on Public Health are already attracting widespread interest among our listeners, but we are also arranging with the Ministry of Agriculture for one lecture by some eminent authority on the third Friday in every month, in addition to the technical talks to be given at an earlier hour specially for agriculturists; and the British Institute of International Affairs are also arranging for an interesting talk on some matter of contemporary European history for the intervening Fridays.

Our aim in this part of the programme is to make our evening talks satisfy the intellectual needs of our listeners, while not interfering with any of the enjoyments at present offered on the entertainment side.

Official News and Views. GOSSIP ABOUT BROADCASTING.

Wireless Revue.

A NEW feature of wireless entertainment will be given on August 8th. This is a wireless revue, written by Alexander Magill, the well-known humorist, which we believe is the first of its kind. The revue is being run on the old lines of *Commère* and *Compère* and a number of other characters, and the title "The World in Music" is being well supported by musical items by the orchestra and artists, representative of many of the countries and races of the world. This should prove an interesting and amusing departure from the orthodox type of orchestral programme.

The G.P.O. and Morse Interference.

Listeners often want to know the attitude of the Post Office with regard to Morse interference. We have been permitted to publish the following reply of a high postal official to a correspondent in Torquay:—

"The Postmaster-General fully appreciates the difficulties experienced at places on the coast—and especially on the south and east coasts—in the reception of broadcast programmes in consequence of radio telegraphic communication to and from British and foreign stations engaged in ship and shore wireless work. Such communication, which is normally conducted by means of spark-sending apparatus and on wave-lengths of 600 and 300 metres, is carried out under international agreements; and it is not at present practicable, either on international or economic grounds, to make drastic alterations of general application in the existing arrangements. Such steps as are practicable are, however, being taken to minimize interference with broadcast reception, especially by discontinuing, as circumstances permit, the use of the additional wave-length of 450 metres for certain ship and shore services."

Dance Music of Many Countries.

On August 15th, a programme is being given from London of "Dance Music of Many Countries," by the Wireless Orchestra, under Mr. Dan Godfrey, Junior. It will cover all countries and periods and will offer an opportunity of interesting comparisons, ranging, as it does, from the Hungarian Dances of Brahms to the Spanish Dances of Moszkowski, and particularly as such a great proportion of a nation's music is in reality dance music.

In addition, Mr. Leonard Hubbard (baritone) and Mr. David Buchan (pianist) and the ever-popular John Henry are contributing to the programme.

Tournament Winners to Broadcast.

A programme of special interest to the North will be given on August 16th at Newcastle, when the winners of the "North of England Musical Tournament" will contribute to the programme.

Regimental Bands.

Two Army bands which have not broadcast previously will shortly be heard. At Birmingham, on August 13th, the band of the Second Battalion East Yorkshire Regiment will play, and on the 30th of the month the famous band of the Scots Guards will be heard from London.

Clydebank Music Lovers.

An event of special interest in the Glasgow programme is the appearance, on August 17th, of the famous Clydebank Borough Band, which has been champion of Scotland on many occasions. Clydebank has been very prominent of late in the public eye about several very controversial things, and it should be of interest to Southerners to know that there is a very real and deep-seated love of music amongst the artisans of what used to be known as "the rising burgh" of Scotland.

An Encore.

The new "2LO" Military Band which made such a sparkling *début* on Sunday, July 27th, will be heard again on September 12th.

Opening of Belfast Station.

The erection of the main broadcasting station at Belfast is proceeding satisfactorily. The station presents certain engineering problems which have not hitherto confronted the B.B.C. engineers, notably the fact that it is connected to London by a submarine cable. In these circumstances a longer period of testing and adjustment will be necessary than is usually the case. These tests will probably begin on Monday, September 15th, and from that date onwards programmes will be broadcast unless the tests indicate that there should be a temporary cessation for adjustment. The official opening date has not been fixed, but it will probably be about the middle of October. The Duke of Abercorn, Governor-General of Northern Ireland, has consented to open the station.

Belfast's Station Director.

The Station Director of the new Belfast Station has been appointed. He is Mr. Walter Montagu-

Douglas-Scott. He is a Scotsman, educated at Eton, who has had much experience both as a traveller and as a diplomat. A cousin of the Duke of Buccleuch, he has done important and interesting work in many parts of the world. He is familiar with several European languages, and has had considerable experience in arranging entertainments of all kinds for foreign visitors to the President of the Inter-Allied Mission at Allenstein. He is keenly interested in musical and dramatic art, and is looking forward with eagerness to making Belfast a successful broadcasting station.

His Senior Assistant will be Mr. Edmund J. Thomson, also a Scotsman, educated at Edinburgh University. A keen Territorial officer, he was at the age of twenty-one a major in charge of a siege battery in France, and was awarded the Military Cross in 1919. Since his demobilization he has had wide secretarial experience, and has much experience as an amateur of dramatic work.

Musical Director for Belfast.

Mr. Godfrey Brown has been appointed Musical Director at the Belfast Station. Mr. Brown is one of the best known figures in the Irish musical world. Amongst other appointments which he has held in the course of an interesting and varied career are resident conductor to the Belfast Philharmonic Society; conductor of the Belfast Symphony Orchestra; director of the music department of one of the Belfast colleges; and organist of Holyrood Parish Church. Mr. Brown has conducted many of the leading Symphony Orchestras in Great Britain.

From the Royal Military School of Music.

On Wednesday evening a military band concert will be relayed from the Royal Military School of Music at Kneller Hall, Twickenham. The full band of 175 performers will begin to play at 7.30 and will continue until 9.30. This is the largest band that the B.B.C. has ever attempted to broadcast, with the exception of the massed bands at Wembley. Lieutenant Adkins, who conducted that historic performance so admirably, will act in a similar capacity on this occasion.

A Famous Police Band.

The first transmission of the Birmingham City Police Band Concert from Cannon Hill Park will take place on Saturday, August 9th. The Band has a very high reputation for the excellence of its performances, and every Saturday during the months of August and September these broadcasts will be made.

Aberdeen's New Director.

Mr. Neil McLean, M.A., B.Sc., has been appointed Station Director at Aberdeen, in place of Mr. R. E. Jeffrey, transferred to London. Mr. McLean is a young man of brilliant promise, and has had considerable experience in organizing. He is also a Gaelic-speaking Highlander, and has an unrivalled knowledge of the melodies of the Hebrides.

New Studios.

New commodious studios and offices are in course of erection in Glasgow, Manchester, and Aberdeen, and will be ready for the autumn season. The Aberdeen studio is also being extended.



"In future we must use the loud speaker for Scottish music—Uncle James is so patriotic!"

The Mystery of Magnetic Storms.

Disturbances that Affect the World's Weather.

A BAD thunderstorm may have serious effects on wireless transmission, but these effects are merely local, and the interruption lasts for a few hours only. The effects of what is called a magnetic storm are far more serious, for such a storm affects the whole of our planet, and may continue for two or three days.

Fortunately, such storms are rare, and really bad ones only occur in a period of years. Sometimes the intervals between such storms extend to ten, or even twenty years. For instance, there was no visitation of the kind between November 17th, 1882, and October 31st, 1903, a period of twenty-one years. Six years later in September, 1909, there came another storm, so severe that it held up the telegraph communication all over the world. There was a magnetic storm in 1919, and a gigantic one in May, 1921.

The First Warning.

Magnetic storms affecting our planet undoubtedly have their origin in the sun, and, as a rule, are accompanied by visible sunspots. A large sunspot was visible during the storm of 1921, and although it is not certain that all sunspots cause magnetic storms, the two usually come together.

The first warning of such a storm is obtained by wireless operators over long distances, who report frequent breaks in the continuity of their messages. As the disturbance increases it begins to affect the wires and to put out of order the ordinary telephone and telegraph services.

Submarine cables sometimes become entirely unworkable. Operators in the instrument rooms find that all control over the galvanometers—small round dials each fitted with a magnetic needle—is lost.

Effect on Galvanometers.

In the ordinary course of things the needle points upwards, to "twelve o'clock," and moves right or left according to the direction of the electric current which is controlled by the operator. But during the incidence of a really big magnetic storm, the needles go right over to the left and stick there. The low power current used for telegraphic purposes is overwhelmed by the tremendous earth current. In the case of an underground system which has a complete insulated current between two given points (such, for instance, as between London and Birmingham) the communication is not interfered with. But while underground wires are untouched, the overhead telegraph may be useless for many hours on end.

The man in the street has no visible or audible warning of the existence of a magnetic storm, for such a storm is never accompanied by lightning or thunder.

An Explanation.

If, however, he watches the sky by night he may possibly see the Northern Lights glowing in the darkness. In 1909 a magnificent aurora was seen as far south as New York, while at Melbourne the Aurora Australis or Southern Lights set the whole heavens afire. In the storm of 1921 a band of light appeared across the sky in the latitude of London, and further north the displays were magnificent.

The magnetic storm of 1903, lasted longer than any other of the present century. It was about six o'clock on Saturday morning when the recording needles at Greenwich began to move, and soon the ordinary diurnal movement was increased twenty-fold. From midday until midnight, the declination magnet swung violently, and it was not until nine on Sunday morning that calm reigned once more.

This particular storm did much to assist the belief that such disturbances are the direct

results of sunspots, for during the days preceding Saturday, October 31st, a large spot had made its appearance on the edge of the sun's disk.

The sun, by making a quarter of a rotation on its axis during the week preceding the storm, had carried round this spot until it was, as it were, focussed full upon the earth. It poured out streams of electrons which, flying outwards at gigantic speed (over a thousand miles a second) struck our little planet with such force as to produce the phenomena already described.

Sunspots, are, of course, sun storms. They are cataclysms of such size and fury as are almost beyond our comprehension. Gases of molten elements revolve at such appalling speed that a rent is torn in the brilliant veil, and watchers on earth are enabled to catch a glimpse of the dark solar interior. Looking at a sunspot, we see a dark central cone surrounded by a lighter border. Behind and surrounding this edging are faculae which are billows of burning gas rising to a height of two hundred miles or more. The faculae are supposed to be the result of the tremendous storms which are for ever raging over the solar envelope and resemble, but on a gigantic scale, the waves of a terrestrial ocean disturbed by a great gale.

Sunspots Visible to the Naked Eye.

The spots or storms are sometimes of such a size as to be visible to the naked eye. In February, 1892, there appeared a spot 100,000 miles long by 50,000 miles wide. Could the earth have been pitched into this tremendous gap it would have vanished like a lead shot flung into a blast furnace.

The only objection to the theory that magnetic storms are caused by sunspots is that such storms have occasionally been known to rage when no sunspots were visible.

That these solar disturbances have a strong influence upon the world's weather is fairly certain. That well-known authority, Dr. C. E. P. Brooke, has lately stated definitely that this is the case, for after study of the analysis of the rainfall made by the late Mr. Carle Salter, he says that the periods of fluctuation of the rainfall correspond almost exactly with the rise and fall of the solar flames.

Sir Oliver Lodge has stated that the electrons which enter our atmosphere from the sun probably act as nuclei for the condensation of moisture, and may be responsible for dull, overcast weather and for thunderstorms. T.C.B.

FEES CHARGED FOR AERIALS.

MR. HARTSHORN, Postmaster-General, was asked in the House of Commons recently whether his attention had been called to the fact that the London and N.E. Railway demands an annual fee of 5s. from tenants for permission to erect aerials.

He replied that the matter was one for settlement between the landlord and the tenant, and that he had no power to intervene, but that he concurred with the view of the Broadcasting Committee that the practice was unjustifiable, and was considering what steps should be taken to prevent it.

SCHOOL EXPERIMENTS IN SCOTLAND.

ON the recommendation of a special sub-committee of the teachers and Teaching Committee, the Renfrewshire Education Authority agreed that a wireless valve receiving set shall be provided by the Authority for experimental purposes and tried in secondary and intermediate schools with a view to ascertaining the quality of the reception.

Where the experiment is successful, and the school is willing to provide a set, the Authority will supply an aerial.

Brass Band Contests.

A Judge's View: By Dan Godfrey, Jun.

A BRASS Band Contest at Belle Vue, Manchester! This means very little to the average Southerner, but to the inhabitants of Lancashire and Yorkshire and adjoining centres this means one of the great days of the year. These contests are held three times yearly—in May, July, and September. The chief contest is in September, and to win this is the ambition of all brass bands. The contest in July is open to bands which have never won a September competition, and the May competition is a junior competition. These bands have to be most strictly amateur, and are recruited from the works or the village from which they take their name. The local supporters of the bands make these competition days a holiday, and special trains take them to hear their own favourites.

Rewards of Success.

The prizes for these competitions consist of money, supplemented by prizes offered by well-known musical firms and manufacturers of brass band instruments. The item for competition is always specially arranged, and announced to the competitors beforehand.

I had the pleasure of being invited to assist in the judging of the competition held on Saturday, July 12th. This was the class open to all bands except those who had won a prize at a September Competition. The test piece was a selection from Nicolai's *Merry Wives of Windsor*, specially arranged by Dr. Thomas Keighley, Professor at the Manchester College of Music. Dr. Keighley was the other judge.

Unseen Players.

The competition was held in the large ball-room. As judges, the bands to us were just numbers, and we were concealed in a sort of hidden room above the stage. There were eleven bands competing, and each band started at a signal given by Dr. Keighley. The playing was of a very high order, but the first two bands were outstanding in their merit. Each band as it finished playing got a great reception, and it was easy to hear who had the most followers. The bands appeared in workman-like fashion—no collars or coats. In this way it was akin to playing in a Broadcasting studio, it was so hot. One thing the judges at Belle Vue are spared. They do not have to give out results themselves. The names are just hoisted, and the judges leave by the back way!

Is Britain Musical?

On July 12th the winner was the Pendleton Prize Band, whose performance was both refined and artistic. They were closely followed by the Bolsover Colliery Band—new-comers to the competition, I believe. It is difficult to estimate the good to music that comes from these contests. Such bands as the Besses o' th' Barn, Black Dyke, St. Hilda's Colliery, etc., have all been prize-winners at Belle Vue, and they are now known the world over. Then there is the spirit of music being fostered with a desire to do better and better.

Listening to the bands, one is generally astounded by the technique of the players, particularly the cornets. One comes away with the feeling that Great Britain is not so unmusical as the critics make out, and when the chance occurs they can show what they are made of.

To cope with the risk of forest fires in the South of France, a radio station has been installed by means of which it is hoped that speedy relief will be obtainable in the event of conflagrations.

Listeners' Letters.

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

Can You Identify This?

DEAR SIR,—Perhaps it might amuse some of your readers to try and identify the following extract from a novel by a great Victorian writer, which was published nearly seventy years ago:—

"With the first glass of wine at dessert . . . they drank the health of the B.B.C. . . . The B.B.C. . . . was in a most prosperous condition."

Who can have made this unconscious prophecy? Yours faithfully,

DENIS MACKAIL.

[We shall state in our next issue where the above-mentioned extract can be found.]

Church Services by Wireless.

DEAR SIR,—The possibilities of wireless as an adjunct to the work of the Church was further illustrated on Sunday, July 13th, when the experiment was tried at All Saints' Church, Dalmeny Road, Tufnell Park, N., of producing by loud speakers the service broadcast from St. Martin's-in-the-Fields. A crystal set with amplifier and three loud speakers was employed.

A large congregation attended this wireless service, and were thus enabled to take part with the people at St. Martin's in the devout, understandable, and comprehensive service from that church, with which many readers of *The Radio Times* are familiar.

The ringing of the bells of St. Martin's and the whole of the first part of the service, in which the articulation of the clergyman conducting came through clearly, but the address and the playing of the organ at the conclusion were not heard so well.

Altogether the experiment made was thought to be fully justified, and it certainly suggests the possibility which the churches may find in wireless, to receive the help and inspiration of such central services and to take part in the special occasions in the religious life of the nation, such as are broadcast from time to time.

Yours faithfully,

Tufnell Park.

W. GRIST (Vicar).

Broadcasting from Large Halls.

DEAR SIR,—I was greatly interested in Dr. Copeman's letter in your issue dated July 18th, which confirms the experience of all my friends and myself, and leads me to the conclusion that you will have eventually to modify your studio arrangements.

No single instrument and no singer comes through from the local studio or from London free of a dead lifeless tone, while from the Old Vic., Covent Garden, His Majesty's, and Wembley, there is the natural ring in the tone which means everything. The stringed instruments playing in the Grand Hotel here possess a quality entirely absent from the B.B.C. stringed orchestra playing in the studio, and the concerts relayed from Southsea pier are equally superior.

I have heard on the concert platform many of the singers who have been broadcast from the local studio, and I know how unlike their real voices are the sounds that come to us through the studio.

I suggest that experiments be made outside the studios in conditions approximating to the concert platforms and the opinions of listeners be invited as to the results.

Broadcasting is a wonderful boon, it is astoundingly cheap, and I offer this criticism not in a carping spirit, but in the hope that it may serve a useful purpose.

Yours truly,

Bournemouth.

T. E. E.

PEOPLE IN THE PROGRAMMES

A Fine Amateur Pianist.



MR. F. GRANVILLE RUBECK.

MR. F. GRANVILLE RUBECK, who played the piano at the London Studio on August 5th is, perhaps, the finest amateur pianist in England to-day. As a young man he studied music under various professors. His first appearance was at the Crystal Palace when he was fifteen years old. He desired to take up music as a profession, but went into business instead.

Mr. Rubeck has played in public a great deal, giving his first recital at St. James's Hall. He has also appeared at countless charity concerts.

When Paderewski was Surprised.

MR. RUBECK is a great personal friend of M. Paderewski, and the story goes that when Paderewski was stopping with him in his house, they went for a walk in the fields, and on opening a gate, it creaked. Mr. Rubeck then said, "That's C sharp." Paderewski expressed his surprise that Mr. Rubeck could identify the note when he could not do so himself, so they returned to the house, obtained a tuning-fork, and found that Mr. Rubeck was absolutely accurate.

Mr. Rubeck is the composer of many orchestral works, songs and sonatas, and Mr. Dan Godfrey conducted his "Andante Religioso," written in memory of the Fallen, on the same evening that he himself broadcast. This short work was played a great deal by the late Sir Walter Parratt, who until his death was "Master of the King's Musick."

Remarkable Operatic Record.



MISS MIRIAM LICETTE.

MISS MIRIAM LICETTE, who broadcasts frequently from various stations, is a singer with a remarkable record in grand opera. She made her debut in Rome as Madame Butterfly, and also sang in Milan and Genoa. At the opening performance of *Romeo and Juliet*, during Sir Thomas Beecham's season at the Shaftesbury Theatre, in 1915, she sang Juliet. During the 1919 and 1920 seasons at Covent Garden, she sang Marguerite in *Faust*, Mimi in *La Bohème*, the Princess in *Prince Igor*, and also Eurydice in *Orfeo*.

In 1922 and 1923 Miss Licette was with the British National Opera Company, also at Covent Garden.

A Master of the Cornet.

AN instrument that sounds particularly well by wireless is the cornet, although nowadays expert cornetists are not very numerous. A master of this instrument is Mr. Charles Leggett, who is to broadcast from London on August 10th.

Mr. Leggett has had a long career in the army, and he is principal professor at the Royal Military School of Music, Kneller Hall, Twickenham.

He inherits his talent from his father, who was a noted player on the cornet.

Police Work in the Arctic.



CAPTAIN H. G. MANSFIELD.

ON August 14th, an interesting talk is to be given from London on "Police Work in the Arctic." The lecturer, Captain H. G. Mansfield, knows his subject thoroughly. "In my early days," he told me, "I left England for New Zealand, but shortly after I left for service as a trooper during the South African War. After this, I joined the North-West

Mounted Police. While with this famous force, I had the good fortune to go with an expedition which for three years was engaged in making a trail from Alberta to the Yukon, through what was then an almost unknown country.

"Later, I was on the Yukon Boundary Survey and hobnobbed with glaciers and grizzlies—rather a cheery business, though a trifle unpleasant at times. Then, being anxious to see something of the Far East, I shipped as a sailor at Vancouver, and made the return journey of 12,000 miles across the Pacific, visiting Japan and Hong-Kong." Captain Mansfield is now giving travel talks and lectures for the Selborne Society.

A Composer of Light Music.

MR. ARMSTRONG GIBBS, whose light opera, *The Blue Peter*, was recently broadcast from London, and whose *Midsummer Madness* music will be relayed from the Lyric Theatre, Hammersmith, on August 11th, may be regarded as in the direct line of succession of Sullivan and Edward German. That is not to say that his music is by any means an echo of the past, but is another way of stating his own confession that he regards light music as his special mission. He has expressed the opinion that it is easier to write ponderously and obscurely than what appears to be simply.

In these days, when there is a definite cult of the ponderous and obscure in music, a new champion of the straightforward is sure to find a ready response in the hearts of English music-lovers.

A Famous Violinist.



MR. ALBERT SAMMONS.

MR. ALBERT SAMMONS, who is undoubtedly one of England's greatest violinists, frequently broadcasts from London and the Provinces. He was only fifteen when he began to earn his own living, and he obtained many orchestral engagements. Five years later he made his debut as a soloist at the Kursaal, Harrogate, playing Mendelssohn's Concerto.

He became leader to Sir Thomas Beecham, and met with such success, that he was eagerly sought out by the opera and principal orchestral societies, to act in a similar capacity.

In 1910, with three fellow-artists, Mr. Sammons helped to form the "London String Quartet." At the Queen's Hall he played Saint-Saëns' B Minor Concerto, the composer being present on this occasion.

During the early years of the War his great opportunity came. In 1914 he was engaged to play Elgar's Violin Concerto, conducted by the composer.

WIRELESS PROGRAMME—SUNDAY (Aug. 10th.)

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

LONDON.

- 3.0.—Time Signal from Big Ben.
Miscellaneous Programme.
 THE GEORGIAN SINGERS.
 DOROTHY HELMRICH (Contralto).
 JOSEPH SLATER (Solo Flute).
 MAURICE REEVE
 (Solo Pianoforte).
 CHARLES LEGGETT (Solo Cornet).
 Part Songs.
 "Song of the Jolly Roger"
Chudleigh-Candish (2)
 "England, Land of the Free" ... *Dr. Harris*
 "O, to be a Wild Wind!" ... *Elgar* (11)
 "Little Tommy" ... *Macy* (2)
- 3.15. Flute Soli.
 Fantaisie-Caprice ... *W. H. Reed*
 Allegretto ... *B. Godard*
 Contralto Songs.
 "Solveig's Song" ... *Grieg* (5)
 "Voi che sapete" ("Figaro") ... *Mozart*
 A Chopin Pianoforte Group.
 Nocturne in F Sharp.
 Waltz in G Flat.
 Studies, "The Black Key," Op. 25 No. 9,
 and "The Butterfly," Op. 10 No. 5.
 Cornet Solo.
 "Les Rameaux" ... *Fauré*
- 3.50.—Sir FRANK DYSON, F.R.S., LL.D.,
 Astronomer Royal: "The Founding of
 Greenwich Observatory, 1675."
 Part Songs.
 "Simple Simon" ... *Hughes* (1)
 "Mary Had a Little Lamb" ... *Hughes* (1)
 "Uncle Tom Cobbleigh" ... *arr. Van Hoorn*
 "Doctor Foster" ... *Hughes* (1)
- 4.15. Flute Soli.
 Andalous ... *E. Pessard*
 Minuet ... *Beethoven, arr. Slater*
 Russian Fantasia ... *J. Andersen*
 Contralto Songs.
 "The Little Princess" ... *Dorothy Howell*
 "The Rivulet" ... *Martin Shaw*
 "Lullaby" ... *Cyril Scott* (4)
 Pianoforte Soli.
 "Hungarian Dance" ... *Brahms-Philipp*
 "American Tango" ... *Carpenter*
 "Rigoletto Paraphrase" ... *Liszt*
 Cornet Solo.
 "Werner's Parting Song" ("The Trum-
 peter of Süppingen") ... *Nessler*
- 4.45. Part Songs.
 "Italian Salad" ... *Gené* (2)
 "Evening's Twilight" ... *Hatton* (11)
 "A Catastrophe" ... *Sprague* (2)
 "The Long Day Closes" (By Special
 Request) ... *Sullivan* (11)
 (Note: Intermediate Times given are
 Approximate only.)
- 5.0-5.30.—CHILDREN'S CORNER. *S.B. to*
all Stations.
 Announcer: R. F. Palmer.
- 8.0.—The Bells of St. Martin's.
 8.15. A Simple Evening Service
 in which all People can take part.
 With an Address by
 The Rev. EDWARD SHILLITO,
 of Buckhurst Hill Congregational Church.
 Relayed from
 St. MARTIN'S-IN-THE-FIELDS.
- 9.0. **A Light Programme.**
 J. H. SQUIRE CELESTE OCTET:
 Under the leadership of MAYER GORDON.
 At the Piano, FRANK READE.
 GLADYS NAISH (Soprano).
 JOHN COLLINSON (Tenor).
 The Octet.
 Fantasia, "Scène de Ballet" *de Beriot-Sear*
 Soprano Songs.
 "L'Eté" ... *Chaminade*
 "So Early in the Morning" ... *Frank Bridge*
 The Octet.
- 9.15.—Two Pieces for Strings and Celeste.
 La Fringante ... *arr. O'Neill*
 Paraphrase on "Humoresque" *Deorak-Sear*
 Violoncello Solo.
 Nocturne in E Flat ... *Chopin-Popper*
 (Soloist, ANTHONY PINI.)

- Tenor Songs.
 "When Autumn Leaves are Falling"
Morales
 "Good-bye" ... *Posti*
 The Octet.
 Excerpts from "Cavalleria Rusticana"
Mascagni
- Soprano Songs.
 "We Shall See" ... *Howard Fisher* (1)
 "Waltz Song" ("Romeo and Juliet")
Gounod (1)
- 10.0.—TIME SIGNAL FROM GREENWICH.
 WEATHER FORECAST and GENE-
 RAL NEWS BULLETIN. *S.B. to all*
Stations.
 Local News.
- 10.15. The Octet.
 Poem in D Flat ... *Filbrich-Kubelik*
 Song of Sleep ... *Somerset-Sear*
 Violin Solo.
 Polonaise Brillante ... *Wieniawski*
 (Soloist, MAYER GORDON.)
 Tenor Songs.
 "Romance" ... *Donald Ford*
 "Primrose and Columbine" *Leslie Woodgate*
 "Nirvana" ... *Stephen Adams* (1)
 The Octet.
 "Absent" ... *Metcalf-Sear* (1)
 "Nearer, My God, to Thee" ... *Carey-Sear*
- 10.45.—Close down.
 Announcer: R. F. Palmer.

BIRMINGHAM.

- 3.0-5.0. THE STATION PIANOFORTE
 QUINTET:
 FRANK CANTELL (1st Violin),
 ELSIE STELL (2nd Violin),
 ARTHUR KENNEDY (Viola),
 HERBERT STEPHEN (Violoncello),
 NIGEL DALLAWAY (Pianoforte),
 ETHEL WILLIAMS (Contralto),
 STANLEY FINCHETT (Tenor).
 Quintet.
 Ballet Suite, "La Source" ... *Delibes*
 (a) Scarf Dance; (b) Love Scene;
 (c) Variation; (d) Danse Circassienne.
 "Dardanus" ... *Rainean, arr. Salabert*
 Tenor Songs.
 "On Wings of Song" ... *Mendelssohn* (1)
 "Serenade" ... *Schubert* (1)
 String Quartet.
 Quartette in E Flat Major, Op. 125, No. 1
Schubert
 Contralto Songs.
 "Life's Recompense" ... *Del Biego*
 "All Souls' Day" ... *Lassen*
 Cello Soli.
 "Cantilena" ... *Goltermann*
 "Scherzo" ... *Van Goents*
 Contralto Songs.
 "Tired Hands" ... *Sanderson* (1)
 "The Moonlit Road" ... *Squire* (1)
 "Wake Up" ... *Phillips*
 Tenor Songs.
 "Who is Sylvia?" ... *Schubert* (1)
 "Where'er You Walk" ... *Handel* (1)
 "Passing By" ... *Purcell*
 Quintet.
 Waltz in A Minor ... *Chopin*
 Rigaudon from "La Reine de Golconde"
Monsigny
- 5.0-5.30.—CHILDREN'S CORNER. *S.B. from*
London.
 Announcer: J. C. Paterson.
- 8.30. REPERTORY CHOIR.
 Hymn, "Lead, Kindly Light, amid the
 Encircling Gloom" (A. and M. No. 266).
 The Rev. D. F. COLE, St. Mark's Church,
 Washwood Heath: Religious Address.
 Choir.
 Hymn, "Soldiers of Christ, Arise" (A. and
 M. No. 270).
- 9.0. THE STATION SYMPHONY
 ORCHESTRA.
 Conductor, FRANK CANTELL.
 WALTER WIDDOP (Tenor).
 Orchestra.
 Overture, "Saul" ... *Bazzini*
 "Carissima" ... *Elgar* (4)

- Song.
 "God Breaketh the Battle" ... *Parry* (11)
 Orchestra.
 "Petite Suite" ... *Debussy*
 (a) En bateau; (b) Cortège; (c) Menuet;
 (d) Ballet.
- Song.
 Recit. and Aria, "My Arms—Sound An
 Alarm" ... *Handel* (11)
 Orchestra.
 Hymne à St. Cécile ... *Gounod*
- 10.0.—WEATHER FORECAST and NEWS.
S.B. from London.
 Local News.
 10.15.—Close down.
 Announcer: Percy Edgar.

BOURNEMOUTH.

- 3.0-4.45.—BAND of 2nd Batt. THE KING'S
 SHROPSHIRE LIGHT INFANTRY.
 Relayed from South Parade Pier, Southsea.
 5.0-5.30.—CHILDREN'S CORNER. *S.B.*
from London.
- 8.30. CHOIR of WESTBOURNE
 CONGREGATIONAL CHURCH and
 WIRELESS ORCHESTRA.
 Choirmaster, H. S. HAYMAN.
 Anthem, "O Zion That Bringest Good
 Tidings" ... *Stainer*
 Hymn, No. 497 (Cong. Hymnary), "Come,
 Thou Fount of Every Blessing."
 8.40.—The Rev. J. G. GWILLYM JONES,
 Westbourne Congregational Church: Re-
 ligious Address.
 8.50. Choir and Orchestra.
 Hymn No. 609 (Cong. Hymnary), "Saviour,
 Breathe an Evening Blessing" (Tune,
 Florence).
- Instrumental Night.**
 "BACH—BEETHOVEN."
 HAROLD SAMUEL (Solo Pianoforte).
 THE WIRELESS ORCHESTRA.
 Conducted by
 Capt. W. A. FEATHERSTONE.
- 9.0. Orchestra.
 "Fugue in G Minor" ... *Bach-Elgar*
- 9.10. Harold Samuel and Orchestra.
 1st Movement of Pianoforte Concerto in
 E Flat ... *Beethoven*
- 9.30. Orchestra.
 1st Movement Symphony No. 1 in C
Beethoven
- 9.40. Harold Samuel.
 Toccata in G Minor ... *Bach*
- 9.50. Orchestra.
 Finale, Symphony No. 1 ... *Beethoven*
- 10.0.—WEATHER FORECAST and NEWS.
S.B. from London.
 Local News.
 10.15.—Close down.
 Announcer: John H. Raymond.

CARDIFF.

- 3.0-4.30. ORGAN RECITAL
 by JAMES B. SMART.
 Relayed from the Capitol Cinema.
 KATHLEEN M. WILLS (Contralto).
 I.—Overture to the Occasional Oratorio
Handel (11)
 Arias
 "O Rest in the Lord" ... *Handel* (11)
 "Cujus Animam" ... *Rossini*
- II. Kathleen M. Wills.
 "Who Keep the Sea?" ... *Breville Smith*
 "Yonder" ... *Herbert Oliver* (8)
- III.—Tone Poem, "Finlandia" ... *Sibelius*
 "Chœur de Voix Humaines" ... *Wely*
 Prayer from "Rienzi" ... *Wagner*
- IV. Kathleen M. Wills.
 "The Bonnie Banks of Loch Lomond"
Old Scotch
 "All Through the Night"
Old Welsh Air
- V.—Andante in E Minor ... *Batiste*
 The Bridal Music from "Lohengrin"
Wagner

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 279.

WIRELESS PROGRAMME—SUNDAY (Aug. 10th.)

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

- VI. Kathleen M. Wills.
 "My Ships" Augustus Barratt (1)
 "Down in the Valley" M. Crispin
 VII.—March, "Cornelius" Mendelssohn (11)
 Announcer: C. K. Parsons.
 5.0-5.30.—CHILDREN'S CORNER. *S.B. from London.*
 6.30-8.0. Religious Service relayed from CHARLES STREET CONGREGATIONAL CHURCH.
 Preacher:
 The Rev. J. PHILIP ROGERS, B.A.
Operatic Evening.
 8.30. THE STATION SYMPHONY ORCHESTRA.
 Conductor: WARWICK BRAITHWAITE.
 DORIS LEMON (Soprano).
 WILLIAM MICHAEL (Baritone).
 I.—Overture, "The Mastersingers" Wagner
 II. Doris Lemon.
 "Elsa's Dream" ("Lohengrin") Wagner
 William Michael.
 "Credo" ("Othello") Verdi
 III.—"Dance of the Priestesses of Dagon" ("Samson and Delilah") Saint-Saëns
 Doris Lemon.
 IV. "Santuzza's Aria" ("Cavalleria Rusticana") Mascagni
 William Michael.
 "Non piu Andrai" Mozart (1)
 V.—Doris Lemon and William Michael.
 Duet from "Rigoletto" Verdi
 VI.—"Bacchanale" ("Samson and Delilah") Saint-Saëns
 10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 Local News.
 10.15.—Close down.
 Announcer: E. R. Appleton.

MANCHESTER.

- 3.0-5.0. THE "ZY" ORCHESTRA.
 MOLLY GRAY (Soprano).
 Orchestra.
 Overture, "Ruy Blas" Mendelssohn
 "Londonderry Air" Arr. O'Connor Morris
 Selection, "Lohengrin" Wagner
 Molly Gray.
 "The Shepherd's Dance" }
 "The Bird Lullaby" } Sanderson (1)
 Orchestra.
 Suite, "At the Play" York Bowen
 "Lament" from the "Keltic Suite" Foulds
 (Solo Violoncello: SIDNEY WRIGHT.)
 Slavonic Dances Nos. 1, 2, 3, and 4 Dvorak
 Molly Gray.
 "Far Across the Desert
 Sands" } Woodforde-
 "How Many a Lonely }
 Caravan" } Finden (1)
 Orchestra.
 2nd Suite, "The Language of Flowers"
 Cowen
 "Norwegian Rhapsody" Svendsen
 5.0-5.30.—CHILDREN'S CORNER. *S.B. from London.*
 8.0-8.30.—SIDNEY G. HONEY: Talk to Young People.
 8.40. THE RADIO MILITARY BAND.
 Conductor: HARRY MORTIMER.
 "Marche Militaire" Thome
 Festival Overture on the Danish National
 Hymn Tchaikovsky
 "Two Flemish Dances" Bloetz
 Hungarian Mazurka, "La Tzigane" Gausse
 Selection, "Russian Folk Songs"
 Arr. Godfrey
 Ballet Music, "Rösamunde" Schubert
 9.35.—Hymn, "Abide With Me" (A. and M. No. 27; W. M. No. 911).
 The Rev. G. B. COMBE, of the Baptist Chapel, Greek Street, Stockport: Religious Address.
 Hymn, "Let Earth and Heaven Combine" (W. M. No. 133).
 10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 Local News.

- 10.15. Band.
 "Reminiscences of Mendelssohn"
 Arr. Godfrey
 10.30.—Close down.
 Announcer: H. B. Brenan.
NEWCASTLE.
 3.0-5.0.—Programme *S.B. from London.*
 5.0-5.30.—CHILDREN'S CORNER. *S.B. from London.*
 8.30. THE DUDLEY MALE VOICE QUARTET PARTY.
 Hymn, "Ten Thousand Times Ten Thousand" (A. and M. 222).
 8.35.—The Rev. R. CLEMINSON: Religious Address.
 8.50. Quartet Party.
 Hymn, "Rock of Ages Cleft for Me" (A. and M. 184).
Oratorio and Orchestra.
 8.55. THE STATION ORCHESTRA.
 Conductor: WILLIAM A. CROSSE.
 Overture, "Fierrabras" Schubert (1)
 ARCHIBALD ARMSTRONG (Baritone).
 Aria and Recit., "The People that Walked in Darkness" Handel (11)
 "Under the Greenwood Tree"
 Hubert Parry (11)
 Orchestra.
 Chorus, "The Glory of the Lord" ("The Messiah") Handel
 Archibald Armstrong.
 "Cotswold Love" Mullinar (4)
 "Come Away, Death" Quilter (1)
 "Cronos the Charioteer" Schubert
 Orchestra.
 Excerpts from "Romeo and Juliet" Gounod
 10.0.—WEATHER FORECAST and NEWS. *S.B. from London.* Local News.
 10.15. Orchestra.
 "Chanson de Matin" } Elgar (11)
 "Chanson de Nuit" }
 "Abide With Me" } Liddle (1)
 10.25.—Close down.
 Announcer: R. C. Pratt.

ABERDEEN.

- ANNIE HOBSON (Contralto).
 F. ELLIOT DOBIE (Baritone).
 CITY OF ABERDEEN MILITARY BAND.
 Conductor, HAYDN HALSTEAD.
 3.0 Band.
 Overture, "La Dame Blanche" Boieldieu
 Serenade, "Love in Arcady" Wood
 March, "Washington Grays" Grafulla
 Annie Hobson.
 "Shepherd's Cradle Song" Somervell
 "Easter Hymn" arr. Bridge
 F. Elliot Dobie.
 "Pour Forth No More Unheeded Prayers"
 Handel (1)
 "Unvanquished" Kverckell
 3.30. Band.
 Fantasia, "Reminiscences of Haydn"
 arr. Winterbottom
 Annie Hobson.
 "A Legend" Tchaikovsky (1)
 "Abide with Me" Liddle (1)
 4.0. Band.
 Suite, "Ballet Egyptien" Luigini
 F. Elliot Dobie.
 "The Wanderer" Schubert
 "Mariska, Mariska" Korbay
 Annie Hobson.
 4.30. Band.
 "Melisande in the Wood" Goetz
 Band.
 Egyptian Serenade, "Amina" Lincke
 "America" arr. Winterbottom
 F. Elliot Dobie.
 "H Stubborn Men" Halevy
 5.0-5.30.—CHILDREN'S CORNER. *S.B. from London.*
Symphony Concert.
 8.30. THE WIRELESS SYMPHONY ORCHESTRA.
 "Symphony in C Minor" Beethoven
 9.0. SKENE STREET UNITARIAN CHURCH CHOIR.
 Anthem, "Awake, Put On Thy Strength."
 The Rev. ARTHUR SCRUTON, Skene Street Unitarian Church: Religious Address.

- Choir.
 Anthem, "O Lord My God"
 Orchestra.
 9.15. "Symphonie Pathétique" Tchaikovsky
 10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 Local News.
 10.15. Orchestra.
 Psalm, "The Old Hundredth."
 10.20.—Close down.
 Announcer: A. M. Shinnie.

GLASGOW.

- "Music is the art of the prophets, the only art that can calm the agitations of the soul; it is one of the most magnificent and delightful presents God has given us."
 Luther.
 KATHLEEN GARSCADDEN (Soprano).
 HERBERT WALTON (Organ Recital).
 Organ.
 3.0. "Marche Héroïque" Walling
 "Andante Grazioso" Hopkins
 "Fugue alla Gigue" Bach
 Kathleen Garscadden.
 Recit. and Aria, "Deh Vieni non Tardar" ("Figaro") Mozart (1)
 "Suffer the Little Children" Gounod
 "Oh, for the Wings of a Dove"
 Mendelssohn
 Organ.
 "Noon" }
 "Scherzo" ("The Ride") } Martin Shaw (14)
 "Baccarolle" }
 "Toccata" } Stuart Archer (14)
 Sonata No. 1. First Movement
 Basil Harwood (11)
 Kathleen Garscadden.
 "Angels Ever Bright and Fair" Handel (11)
 "If Love Had Wings" Hermann Lohr
 Organ.
 "A Song of Sunshine" Hollins (14)
 Persian Suite Saughton
 (a) "The Courts of Jasmind"; (b) "The Garden of Iram"; (c) "Siki (The Cup Bearer)."
 Minuet and Largo Handel
 Overture, "William Tell" Rossini
 5.0-5.30.—CHILDREN'S CORNER. *S.B. from London.*
Evening Programme.
 "58C'S" PSALMODY QUARTET.
 NORMAN F. SWAN (Baritone).
 BERNARD BEERS (Solo Violoncello).
 8.30. Quartet.
 Paraphrase No. 60 (Tune: "Palestrina" No. 87.)
 8.35.—The Rev. W. L. STEPHEN of North U.F. Manse, Dumbarton: Religious Address.
 8.50. Quartet.
 Psalm No. 122 (Tune: "St. Paul" No. 160).
 Norman F. Swan.
 8.55. "Largo al Factotum" Rossini
 "To-Morrow" F. Keel
 Bernard Beers.
 9.5. Poco Largo and Allegro Moderato from Concerto for Violoncello
 Tartini, arr. Salmon
 Norman F. Swan.
 9.17. "To the Evening Star" Wagner (1)
 "Hame" W. Davies
 Bernard Beers.
 9.27. "Negro Chant."
 "Rondo" Boccherini
 Norman F. Swan.
 9.37. "Ave Maria" Percy B. Kahn
 "O Pure and Tender Star of Eve"
 Wagner (1)
 Bernard Beers.
 9.47. "Cavatine" L. Spohr (15)
 "La Fileuse" Dunkler
 10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 Local News.
 10.15.—Close down.
 Announcer: Herbert A. Carruthers.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 273.

"Mrs. Secret's" Famous Song.

The Story of "On the Banks of Allan Water."

IT would be taken for granted by most people that the pathetic ballad, "On the Banks of Allan Water," was of Scottish origin, and, if a guess were hazarded as to its authorship, it would probably be "Burns." But the famous song was written by an Englishman who is known in literary annals as "Monk" Lewis, although at the baptismal font he was given the names of Matthew Gregory.

A Novel that Caused a Sensation.

Lewis, who was born in 1775, was in his "teens" when Mrs. Radcliffe was making England's flesh creep with "The Mysteries of Udolpho," which, in spite of, or because of, its nightmare qualities, was a "best seller" exactly 130 years ago. Lewis was an attaché to the British Embassy at The Hague, a youth barely turned twenty, when he determined to go one better than Mrs. Radcliffe, and in ten weeks he wrote "The Monk," a book which few novel readers could get through to-day, in spite of the fact that it raised a storm of protest because of the frankness of its language.

Lord Byron was by no means squeamish, yet he wrote in his journal years later: "It is many years since I looked into a novel, till I looked yesterday into the worst parts of 'The Monk.' These descriptions ought to have been written by Tiberius at Capria; they are forced—the philtered ideas of a jaded voluptuary. It is to me inconceivable how they could have been composed by a man of only twenty."

"The Monk" made Lewis famous at twenty, and the young man was received in the highest circles, and was on familiar visiting terms with members of the Royal Family, the friend of Sheridan, Shelley and Byron. He even dared

On the banks of Allan water
When the sweet Spring-time did fall,
Was the Miller's lovely daughter
Fairest of them all.
For his bride a soldier sought her,
And a winning tongue had he:
On the banks of Allan water
None was gay as she.

On the banks of Allan water,
When brown Autumn shed its store,
There I saw the Miller's daughter;
But she smiled no more.
For the summer grief had brought her,
And the soldier false was he:
On the banks of Allan water
None was sad as she.

On the banks of Allan water,
When the Winter-snow fell fast,
Still was found the Miller's daughter:
Chilly blew the blast!
But the Miller's lovely daughter
Both from cold and care was free:
On the banks of Allan water,
There a corpse lay she.

to fall in love with Lady Charlotte, the daughter of the Duke of Argyll, who herself, as Lady Charlotte Bury, in later life wrote a rather scandalous diary and several novels.

She does not appear to have been wholly indifferent to her literary lover, although she married someone else, for it was when they were taking a country walk together that they encountered a maniac, a startling incident which suggested to Lewis his once widely popular ballad, "Crazy Jane." It was at Lady

Charlotte's house, after her first marriage, that Lewis met a young Edinburgh lawyer named Walter Scott, and it is on record that the budding "Wizard," then quite unknown, was much flattered by the condescension of a poet!

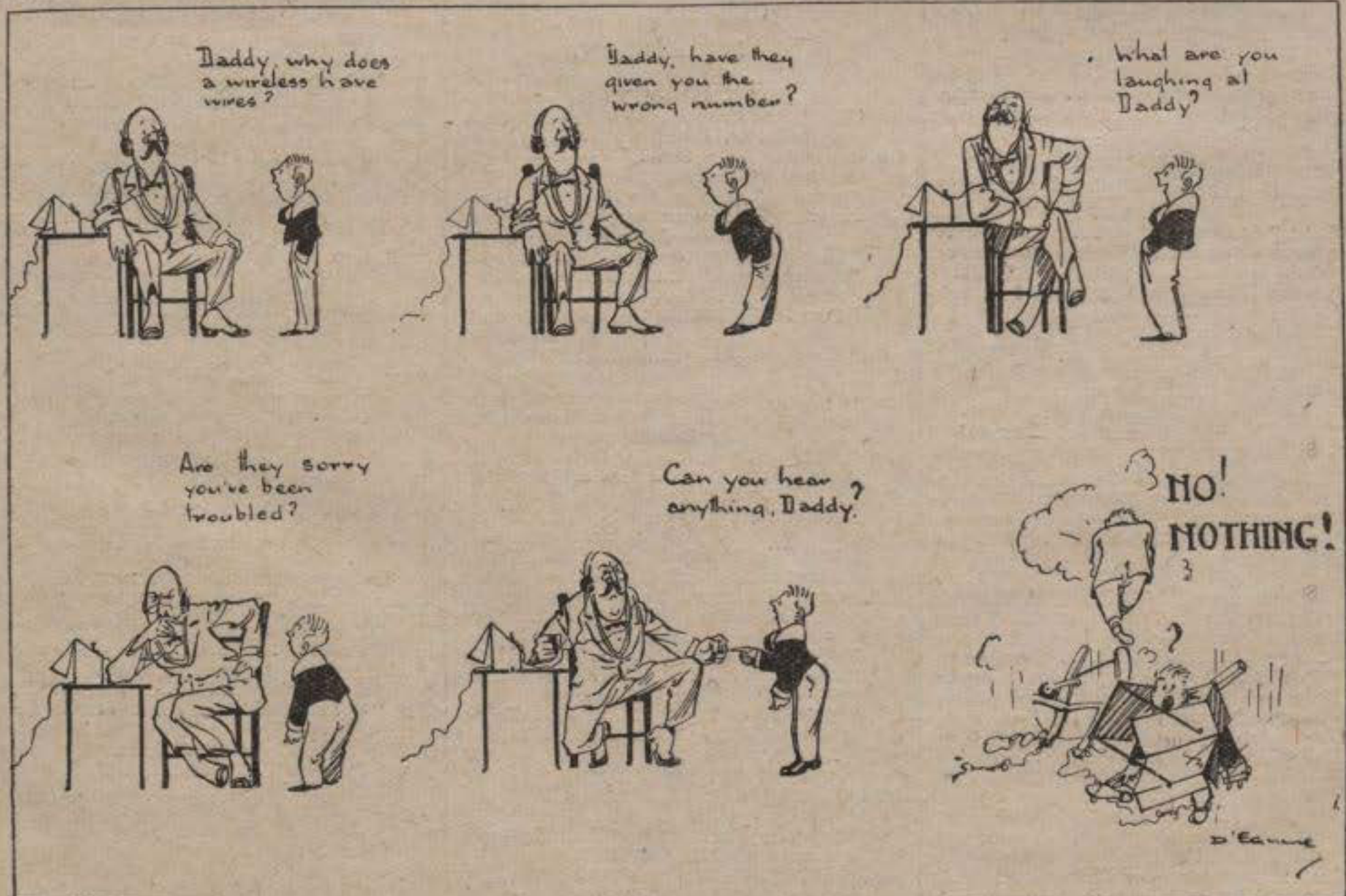
Even the setting of such a gem of song as "Allan Water" is bizarre, for it occurs, as if by accident, in Act I. of a mediocre play, described as a comic opera, entitled *Rich and Poor*, and it was first sung at Covent Garden in 1812 by the celebrated vocalist, Mrs. Band, in the character of "Mrs. Secret."

Who Wrote the Music?

To the celebrated vocalist who first sang this ballad, the air to which it is so perfectly wedded is attributed in an early copy of the music which lies before me, although the name of the composer is almost always omitted, and it cannot be certainly said that this attribution is correct. Her maiden name was Maria Theresa Romanzini, and, if contemporary opinion may be trusted, her singing of English ballads has never been surpassed. She died in 1838 and was buried at St. Margaret's, Westminster. At the adjoining great public school, it is interesting to recall, "Monk" Lewis was a schoolboy.

Lewis himself died of yellow fever on the return voyage from the West Indies and was buried at sea. Though a slave-owner, he was a friend of Wilberforce, and he paid two visits to Jamaica, to the estates his father had left him, to make careful arrangements for the comfort of his blacks. In fact, while staying with Byron at the Maison Diodati in 1816, two years before his death at the early age of forty-three, he drew up a codicil to his will, witnessed by Byron and Shelley, making other provision for their welfare.

He was a little man with bulging eyes, his loquacity was boundless, and, like Peter Pan, he refused to "grow up." He retained to the last much of the appearance and many of the qualities of a schoolboy! A. B. COOPER.



When Daddy Tries to Listen.

WIRELESS PROGRAMME—MONDAY (Aug. 11th.)

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

LONDON.

- 4.0-5.0.—Time Signal from Greenwich. Concert: The "2LO" Trio and Aine Johnson (Soprano). Elise I. Spratt on "Continental Markets." "A Holiday on the Belgian Coast," by Joan Kennedy.
- 5.0-6.45.—CHILDREN'S CORNER: Sabo Story: "The Figure Head, or the Blue-Eyed Susan," by E. W. Lewis. Piano Syncopations by Uncle Ragtime. "Treasure Island," Chap 26, Part I, by Robert Louis Stevenson.
- 6.45-6.55.—Boys' Brigade, Boys' Life Brigade, and Church Lads' Brigade Bulletins.
- 7.0.—TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*
Mr. J. B. MERRETT on "The 300-Egg Hen in New Zealand." *S.B. to other Stations.*
Local News.
- 7.30-8.0.—Interval.
- 8.0-12.0.—Programme *S.B. to all Stations.*

8.0. "The School for Scandal." A Comedy

by Richard Brinsley Sheridan.

The Play produced by Frank Royde.
Overture, entr'actes and incidental music by the Orchestra, under the direction of Dan Godfrey, Junr.

- Lady Sneerwell MAUDE RIVERS
Snake FRANK SNELL
Joseph Surface HOWARD ROSE
Maria GYP CHESWORTH
Mrs. Candour LOTTIE VENNE
Crabtree J. H. BARNES
Sir Benjamin Backbite
CECIL BROOKING
Sir Peter Teazle..... FISHER WHITE
Rowley HUGH CASSON
Lady Teazle..... PHYLLIS THOMAS
Sir Oliver Surface..... B. A. PITTAR
Moses HAY PETRIE
Trip FRANK SNELL
Charles Surface FRANK ROYDE
Careless CECIL BROOKING
(By kind permission of Mr. Frederick Harrison.)
Sir Harry Bumper (with song)
COURTICE POUNDS

ACT I.

- Scene 1.—Drawing Room at Lady Sneerwell's House.
Scene 2.—Drawing Room at Sir Peter Teazle's House.

ACT II.

- Scene 1.—The Hall in Charles Surface's House.
Scene 2.—The Picture Room in Charles Surface's House.

ACT III.

- Scene 1.—The Library in Joseph Surface's House.
Scene 2.—The Hall in Sir Peter Teazle's House.
Scene 3.—The Library in Joseph Surface's House.

Period: London, about 1765.

- 9.40.—Lt.-Col. J. T. C. MOORE-BRABAZON, M.C., M.P., on "The King's Aviation Cup."
- 9.45.—TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN.
Local News.
- 10.0.—"MIDSUMMER MADNESS," Act III.
Book by Clifford Bax.
Music by C. Armstrong Gibbs.
Relayed from the Lyric Theatre, Hammer-smith.
- 10.45 (approx.)—THE SAVOY ORPHEANS and SAVOY HAVANA BANDS, relayed from the Savoy Hotel, London.
- 12.0.—Close down.
Announcer: J. G. Broadbent.

BIRMINGHAM.

- 3.30-4.30.—Lozells Picture House Orchestra: Conductor, Paul Rimmer.
ROBERT RADFORD (Bass).
"Arise, Ye Subterranean Winds" Purcell (1)
"The Owl is Abroad"
"Now Phoebus Sinketh in the West" Arne (1)
"The Asra" Rubinstein
"The Two Grenadiers" Schumann (1)
- 5.0-5.30.—WOMEN'S CORNER: Sidney Rogers, F.R.H.S., Topical Horticultural Hints.
- 5.30-5.35.—Agricultural Weather Forecast.
- 5.35-6.30.—CHILDREN'S CORNER.
- 6.30-6.45.—Teens' Corner: Uncle Felix on "Naval History."
- 6.45-6.55.—Boys' Brigade, Boys' Life Brigade, and Church Lads' Brigade Bulletins.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Mr. J. B. MERRETT. *S.B. from London.*
Local News.
- 7.30-8.0.—Interval.
- 8.0-12.0.—Programme *S.B. from London.*
Announcer: J. C. Paterson.

BOURNEMOUTH.

- 3.45-5.15.—DORIS LEMON (Soprano), WILLIAM MICHAEL (Baritone), Foden Williams (Entertainer). Talks to Women: Helen Watts on "A Fortnight on the Amazon."
- 5.15-6.15.—CHILDREN'S CORNER.
- 6.15-6.25.—Boys' Brigade, Boys' Life Brigade, and Church Lads' Brigade Bulletins.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Mr. R. J. JENKINS, Deputy Borough Engineer, Portsmouth: "Further Rambles Around Portsmouth."
Local News.
- 7.30-8.0.—Interval.
- 8.0-12.0.—Programme *S.B. from London.*
Announcer: John H. Raymond.

CARDIFF.

- 3.0-4.30. Light Concert.
MAY BLYTH (Soprano).
THE STATION ORCHESTRA.
I.—"St. Paul's Suite" Holst (2)
II. May Blyth.
"Jewel Song" ("Faust") Gounod
III.—Minuetto from "Jupiter Symphony" Mozart (2)
IV. May Blyth.
"The Loreley" Liszt (1)
V.—"Slavonic Dances," 1, 3 and 4 Dvorak
VI. May Blyth.
Mimi's Song ("La Bohème") Puccini
VII.—"Woodland Sketches" MacDowell (4)
Announcer: C. K. Parsons.
- 5.0-5.45.—"5WA'S" "FIVE O'CLOCKS": Vocal and Instrumental Artists. Talks to Women.
- 5.45-6.30.—CHILDREN'S CORNER.
- 6.30-6.45.—"The History of Drama"—(III), by Miss Edith Lester-Jones.
- 6.45-7.0.—Boys' Brigade, Boys' Life Brigade, and Church Lads' Brigade Bulletins.

- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Lt.-Col. WEAVER PRICE, M.C., Brecon, on "Bees."
Local News.
- 7.30-8.0.—Interval.
- 8.0-12.0.—Programme *S.B. from London.*
Announcer: A. H. Goddard.

MANCHESTER.

- 2.30-3.0.—WOMEN'S HALF-HOUR.
- 3.15-4.0. BLACK DYKE MILLS' BAND.
- 4.10-5.0. relayed from the New Municipal Gardens, Southport.
- 5.45-6.0.—Children's Letters.
- 6.0-6.30.—CHILDREN'S CORNER.
- 6.30-6.50.—Chats with the Older Children.
- 6.50-6.55.—Boys' Brigade, Boys' Life Brigade, and Church Lads' Brigade Bulletins.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Talk.
Local News.
- 7.30-7.50. BELLA REDFORD (Soprano).
Songs, Selected.
- 8.0-12.0.—Programme *S.B. from London.*
Announcer: H. B. Brenau.

NEWCASTLE.

- 3.45-4.45.—Concert: May Welsh (Contralto), Wmifred Redpath (Solo Pianoforte), T. F. Arkless (Tenor).
- 4.45-5.15.—WOMEN'S HALF-HOUR: Weekly News Letter, Annie H. Ross on "North Country Lore."
- 5.15-6.0.—CHILDREN'S CORNER: Songs, Stories, etc.
- 6.0-6.30.—Scholars' Half-Hour.
- 6.30-6.35.—Boys' Brigade, Boys' Life Brigade, and Church Lads' Brigade Bulletins.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Mr. J. B. MERRETT. *S.B. from London.*
Local News.
- 7.30-8.0.—Interval.
- 8.0-12.0.—Programme *S.B. from London.*
Announcer: W. M. Showen.

ABERDEEN.

- 3.50-5.0.—Dance Afternoon, The Wireless Quintette. Mrs. J. G. Burnett—A lecture on the violin, with illustrations. James Reid (Tenor). Feminine Topics.
- 6.0-6.30.—CHILDREN'S CORNER.
- 6.30-6.45.—Boys' Brigade, Boys' Life Brigade, and Church Lads' Brigade Bulletins.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Mr. R. M. MORGAN, on "Summer Photography for Amateurs."
Local News.
- 7.30.—Boy Scouts' News Bulletin.
- 8.0-12.0.—Programme *S.B. from London.*
Announcer: W. D. Simpson.

GLASGOW.

- 3.15-4.30.—The Wireless Quartette and JOHN PERRY (Tenor).
- 4.45-5.15.—TOPICS FOR WOMEN: Topical Afternoon. Anne Ballantine (Contralto).
- 5.15-6.0.—CHILDREN'S CORNER: Letter Competition Results.
- 6.0-6.5.—Weather Forecast for Farmers.
- 6.40-6.55.—Mr. D. KENNEDY FRASER on "Psychology."
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Mr. J. B. MERRETT. *S.B. from London.*
Local News.
- 7.30.—Boys' Brigade, Boys' Life Brigade, and Church Lads' Brigade Bulletins.
- 7.40-8.0.—Interval.
- 8.0-12.0.—Programme *S.B. from London.*
Announcer: Mungo M. Dewar.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 279.

WIRELESS PROGRAMME—TUESDAY (Aug. 12th.)

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

LONDON.

- 1.0-2.0.—Time Signal from Big Ben. Concert: The "ELO" Trio and Frederick Verity (Bass-Baritone).
- 4.0-5.0.—Time Signal from Greenwich. Concert: "Books Worth Reading," by Jenny Wren. Organ and Orchestral Music relayed from Shepherd's Bush Pavilion. "The Common Elm," by Mrs. Clark Nuttall, B.Sc.
- 6.0-6.45.—CHILDREN'S CORNER: Stories by Harcourt Williams. Oswald Powell—Unaccompanied Folk-Songs. "Across the Channel in an Atlantic Liner," by W. J. Bassett Lowke.
- 6.45.—An Appeal on Behalf of the London Jewish Hospital by Lord Rothschild, F.R.S.
- 7.0.—TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*
FRENCH TALK, under the auspices of L'Institut Français. *S.B. to all Stations.* Local News.
- 7.30-8.0.—Interval.
- "A Night With English Composers."**
ELSIE SUDDABY (Soprano).
SAM HEMSALL (Tenor).
THE WIRELESS SYMPHONY ORCHESTRA:
Conducted by DAN GODFREY, Junr.
- 8.0.—Overture, "Barton Fair"....*Brent-Smith*
Theme and Six Diversions
Edward German (11)
- 8.20. Soprano Songs.
Elizabethan Songs...*Frederick Keel (1)*
"Flow not so Fast"....*John Dowland*
"Sweet was the Song"....*John Atley*
"Go to Bed, Sweete Muse"
Robert Jones
"Sweete Nympe Come to Thy Lover"
Thomas Morley
- 8.30. The Orchestra.
Fantasia, "Domheim Days"
ROBERT CHIGNELL
(Conducted by the Composer.)
- 8.45.—Suite "Three Heroes"....*Howard Carr*
Tenor Songs.
"Eleanore"....*Colebridge-Taylor (11)*
"English Rose" ("Merrie England")
Edward German
The Orchestra.
Suite Romantique...*A. W. KETELBEY*
(Conducted by the Composer.)
- 9.5. Soprano Songs.
"The Self Banished"....*John Blow (1)*
"By Thy Banks, Gentle Stour"
William Boyce
Recit. and Aria, "When I am Laid in Earth" ("Dido and Aeneas")
Henry Purcell (11)
"Hark, the Echoing Air"
Henry Purcell (11)
- 9.35. The Orchestra.
Impression, "In a Mountain Country"
E. J. MOERAN
(Conducted by the Composer.)
Rhapsody, "Brigg Fair"....*Delius*
- 10.0.—TIME SIGNAL FROM GREENWICH. WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN. *S.B. to all Stations.*
The Rt. Hon. Lord PHILLIMORE, League of Nations, on "The Permanent Court of International Justice." *S.B. to all Stations.* Local News.
- 10.30. The Orchestra.
"Suite de Danse Moderne"
STANFORD ROBINSON
(1) Danse Americaine. (2) Danse Espagnole. (3) Danse Militaire.
(Conducted by the Composer.)

- Tenor Songs.
"Love's Rhapsody"....*Guy d'Hardelot (1)*
"Three"....*Florence Aylward (1)*
The Orchestra.
"The Merry-go-Round"....*Robert Chignell*
- 11.0.—Close down.
Announcer: J. G. Broadbent.

BIRMINGHAM.

- 3.30-4.30.—The Station Pianoforte Quintet.
5.0-5.30.—WOMEN'S CORNER.
5.30-5.35.—Agricultural Weather Forecast.
5.35-6.30.—CHILDREN'S CORNER.
6.30-6.45.—Teens' Corner.
7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
FRENCH TALK. *S.B. from London.* Local News.
- 7.30-8.0.—Interval.
- Popular Miscellaneous Programme.**
- 8.0. THE STATION ORCHESTRA.
ISABEL TEBBS (Soprano).
BEATRICE EVELINE (Solo Violoncello).
Orchestra.
Overture, "Nachtlager in Granada"
Kreutzer
Selection, "The Quaker Girl"....*Monckton*
- 8.30. Soprano Songs.
"Carmena"....*Wilson (22)*
"The Pipes of Pan"....*Monckton*
- 8.45. Orchestra.
Suite, "The Pagoda of Flowers"
Woodforde-Finden (1)
(a) "Passing of Priests"; (b) "Midst the Petals"; (c) "The Star-Flower Tree"; (d) "Blue Lotus Dance"; (e) "Return of Oomala."
- 9.0. Violoncello Soli.
"Melodie"....*Bridge*
"Butterflies"....*Harty*
"Idylle"....*Barnes (15)*
"Chanson Grecque"....*Seligmann*
- 9.15. Orchestra.
Waltz, "Septembre"....*Godin*
Mosaïque on the Works of Haydn
arr. Tacan
- 9.45. Soprano Songs.
"She Wandered Down the Mountain Side"
Clay (1)
"The Swallows"....*Cowen (1)*
- 10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
The Rt. Hon. Lord PHILLIMORE. *S.B. from London.* Local News.
- 10.30. Violoncello Soli.
"Meditation"....*Squire (1)*
"Rustic Dance"....*Squire*
"Lullaby"....*Scott (4)*
"Vito"....*Popper*
- 10.45. Orchestra.
March, "On the Quarter Deck"....*Alford*
Suite, "Tales by Moonlight"....*Thomas*
(a) "Told on the Promenade"; (b) "Told at the Garden Gate"; (c) "Told at the Carnival."
- 11.0.—Close down.
Announcer: J. C. Paterson.
- BOURNEMOUTH.**
- 3.45-5.15.—The "6BM" Trio. Vernon Rigby (Bass). Talks to Women.
- 5.15-6.15.—CHILDREN'S CORNER.
7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
FRENCH TALK. *S.B. from London.* Local News.
- 7.30-8.15.—Interval.
- Bournemouth Municipal Orchestra Night.**
CONSTANCE WILLIS (Contralto).
AMY COCKBURN (Mezzo-Soprano).
VIOLET COCKBURN (Soprano).
HERBERT SMITH (Baritone).
CHARLES LEESON (At the Piano).
MUNICIPAL ORCHESTRA.
Musical Director, Sir DAN GODFREY.
Relayed from the Winter Gardens.

- 8.15. Orchestra.
"Bamboula Dance"....*Colebridge-Taylor*
Overture, "Maximilian Robespierre"....*Litolf*
"Valse Triste"....*Sibelius*
- 8.40. Herbert Smith.
"As I Walkt Forth"
Set by Rob. Johnson, 1610 (1)
"I Am Confir'm'd"
Set by Henry Lawes, 1652 (1)
- 8.50. Orchestra.
Extracts from Symphony No. 4 *Tchaikovsky*
- 9.5. Amy Cockburn.
"La Serenata"....*Tooti*
- 9.10. Violet Cockburn.
"Angels Guard Thee"....*Godard*
- 9.15. Constance Willis.
"Silver Ring"
"I Was in a Land"
"Ritournelle" }
Chaminade (5)
- 9.25. Herbert Smith.
"The Heart Worships"....*Gustav Holst (14)*
"Come, My Own One"....*Butterworth*
- 9.35. Violet Cockburn and Amy Cockburn.
"A May Morning"
"Serenade in Summer"
"The Sweetest Song" }
Denza
- 9.45. Orchestra.
Ballet Music, "Sylvia"....*Delibes*
- 10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
The Rt. Hon. Lord PHILLIMORE. *S.B. from London.* Local News.
- 10.30. Constance Willis.
"Know'st Thou the Land?" ("Mignon")
Thomas
"Over the Mountains"....*Quilter*
- 10.40. Herbert Smith.
"Mending Roadways"....*Coates*
"Farewell"....*P. James*
- 10.45. Amy Cockburn and Violet Cockburn.
"April Morn"....*Batten (1)*
"An Orchard Cradle Song"
"Through Fairyland" }
Denza
- 11.0.—Close down.
Announcer: John H. Raymond.

CARDIFF.

- 3.0-4.0.—The Station Trio. Tom Dickens-Alexander (Humorist).
- 4.0-4.45.—The Carlton Orchestra, relayed from the Carlton Restaurant.
- 5.0-5.45.—"5WA'S" "FIVE O'CLOCKS."
5.45-6.30.—CHILDREN'S CORNER.
6.30-6.45.—"Style in Literature," by an Editor.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
FRENCH TALK. *S.B. from London.* Local News.
- 7.30.—Mr. RICHARD TRESEDER, F.R.H.S., on "Gardening."
- 7.45-8.0.—Interval.
FODEN WILLIAMS (Entertainer).
THE STATION ORCHESTRA.
- 8.0. Orchestra.
Selection, "Madame Butterfly"....*Puccini*
- 8.20.—Foden Williams in selections from his Repertoire.
- 8.30. Orchestra.
Suite, "Where the Rainbow Ends"....*Quilter (4)*
(a) "Rainbow Land"; (b) "Will o' the Wisp"; (c) "Rosamunde"; (d) "Fairy Frolic"; (e) "Goblin Forest."
- 8.50.—Foden Williams in selections from his Repertoire.
- 9.0. Orchestra.
Selection, "Tom Jones"....*German*
March, "Light of Foot"....*Latann*
- 9.15. **Welsh Music for Wembley.**
Address upon and Illustrations of the Music to be performed in the "All Wales Week" at Wembley Exhibition.
Conducted and Directed by
Sir HENRY WALFORD DAVIES,
Mus. Doc., LL.D.,
Director of Music and Chairman of the National Council of Music, University of Wales.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 275.

WIRELESS PROGRAMME—TUESDAY (Aug. 12th.)

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

10.0.—WEATHER FORECAST and NEWS.
S.B. from London.
The Rt. Hon. Lord PHILLIMORE. *S.B. from London.* Local News.
10.30.—Close down.
Announcer: C. K. Parsons.

MANCHESTER.

12.30-1.30.—Organ Music by H. Fitzroy-Page, relayed from the Piccadilly Picture Theatre.
2.30-3.0.—WOMEN'S HALF-HOUR.
3.30-4.30.—Concert by the "2ZY" Quartette.
5.45-6.0.—Children's Letters.
6.0-6.30.—CHILDREN'S CORNER.
7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
FRENCH TALK. *S.B. from London.* Local News.
7.30-8.0.—Interval.

Descriptive Evening.

8.0. THE "2ZY" ORCHESTRA.
MAY BLYTH (Soprano).
GWLADYS FITCHETT (Contralto).
WILL HORABIN (Humorist).
Orchestra.
March, "The Night Patrol" *Martell*
Overture, "The Siege of Rochelle" .. *Balfé*
May Blyth.
"Sea Rapture" *Coates*
"Life and Death" *Coleridge-Taylor*
Orchestra.
"Norwegian Scenes" *Matt*
Gwladys Fitchett.
"Knowest Thou the Land?"
Ambroise Thomas
"Tennessee" *Kath. Barry*
Will Horabin.
"The Skipper" *Clifford Grey* (13)
Orchestra.
"Grandmother's Spinning Wheel"
Gillett (2)
"Celtic Rhapsody" *Jenkins* (1)
May Blyth.
"If Thou Dost Care" .. *Betteworth-Page*
"Smile of Spring" *Fletcher* (11)
Orchestra.
"An Evening in Aranjuez" .. *Schmelling*
"A Hunting Scene" *Bucalossi*
Gwladys Fitchett.
"Ombra Mai Fu" *Handel* (1)
"Danny Boy" *Weatherly* (1)
Will Horabin.
"A Cheshireman at the Pictures" *Horabin*

10.0.—WEATHER FORECAST and NEWS.
S.B. from London.
The Rt. Hon. Lord PHILLIMORE. *S.B. from London.* Local News.
10.30. Orchestra.
"Harvest Time" *Haydn Wood* (1)
"The B'hoys of Tipperary" *Amers*
10.45.—Close down.
Announcer: H. B. Brennan.

NEWCASTLE.

3.45-4.45.—Lambert Flack's Quartet.
4.45-5.15.—WOMEN'S HALF-HOUR.
5.15-6.0.—CHILDREN'S CORNER.
6.0-6.30.—Scho'ars' Half-Hour.
7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
FRENCH TALK. *S.B. from London.* Local News.
7.30-8.0.—Interval.
8.0. OLIVE TOMLINSON (Solo Pianoforte).
ROBERT RADFORD (Bass).
ROBERT MARK (Solo Violoncello).
THE STATION ORCHESTRA.
Conductor: WILLIAM A. CROSSE.
"Pas des Echarpes" } *Chaminade*
"Callirhoe" }

Robert Radford.
"Sombre Woods" *Lully, arr. A. L.*
Recit. and Air, "Ye Verdant Hills"
Handel (1)
The Conjuror's Song ("The Indian Queen")
"Ye Twice Ten Hundred Deities" *Purcell*
Olive Tomlinson.
Poème Provençale No. 4, "Pêcheurs des
Nuit" *Chaminade* (5)
Toccata *Chaminade*
Robert Mark.
1st Movement, Sonata Op. 45 *Mendelssohn*
Orchestra.
Overture, "Zehn Mädchen und Kein Mann"
Süppé (1)

Olive Tomlinson.
Prelude, Op. 78 *Passacaille Chaminade* (5)
Orchestra.
Suite, "Hermione" *Rordelle* (1)
Robert Radford.
Hungarian Folk Songs.
"Had a Horse" *Korbay*
"Shepherd, See Thy Horse's Foaming
Mane" *Korbay*
"Son of Mine" { (Freebooter } *Wallace*
"The Rebel" { Songs }
Orchestra.
"Albumblatt" *Wagner* (1)
Robert Mark.
3rd Movement, Sonata Op. 45 *Mendelssohn*
Orchestra.
Selection of Mendelssohn's Songs.

10.0.—WEATHER FORECAST and NEWS.
S.B. from London.
The Rt. Hon. Lord PHILLIMORE. *S.B. from London.* Local News.
10.30. THE "5NO" REPERTORY
COMPANY.
"THE IMPERTINENCE OF THE
CREATURE."
A Duologue by Cosmo Gordon Lennox.
Cast.
Lady Millicent, a widow... *MARY PETTIE*
An Unknown Gentleman
NORMAN FIRMIN
The action takes place in a boudoir leading
from a London Ballroom.
"THE TEST KISS."
A comedy in one act by Keble Howard.
Cast.
Monica, Lady Abingdon, a widow
MARY PETTIE
Captain Jack Heather (late R.A.M.C.)
a faithful lover... *NORMAN FIRMIN*
The action takes place in a country house
at evening.
Plays produced by GORDON LEA.
11.0.—Close down.
Announcer: W. M. Shewen.

ABERDEEN.

3.30-5.0.—Operatic Afternoon.
5.45-6.30.—CHILDREN'S CORNER.
7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
FRENCH TALK. *S.B. from London.*
Local News. Agricultural Notes.
7.35-8.30.—Interval.
A Night with Brahms.
JOHN PERRY (Tenor).
ROBERT WATSON (Baritone).
DOROTHY CHALMERS (Solo Violin).
JULIEN ROSETTI (Solo Pianoforte).
8.30. Dorothy Chalmers.
Sonata in G Major, Op. 78.
9.0. John Perry.
"Love's Faith."
"The May Night."
"Rest Thee, My Darling."
9.10. Robert Watson.
"Serenade."
"Sunday."
"We Wandered."
"Gracious and Kind."
9.15. Dorothy Chalmers.
Sonata in A Major, Op. 100.
9.40. Robert Watson.
"In Summer Fields."
"Lullaby."
"Love Song."
"Sapphic Ode."

10.0.—WEATHER FORECAST and NEWS.
S.B. from London.
The Rt. Hon. Lord PHILLIMORE.
S.B. from London. Local News.
BRAHMS PROGRAMME (Continued).
10.30. John Perry.
"A Sonnet."
"Thy Blue Eyes."
"Good Night."
10.40. Dorothy Chalmers.
Sonata in D Minor, Op. 108.
11.5.—Close down.
Announcer: H. J. McKee.

GLASGOW.

3.30-4.30.—The Wireless Quartet and Marion
Welsh (Soprano).
4.45-5.15.—TOPICS FOR WOMEN.
5.15-6.0.—CHILDREN'S CORNER.
6.0-6.5.—Weather Forecast for Farmers.
6.40.—J. R. Rutherford, J.P., on "Wembley."
7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
FRENCH TALK. *S.B. from London.*
Local News.
7.30.—To-day's Interesting Anniversary: Robert
Southey—Born 12th August, 1774.
Miscellaneous Concert.
JOHN BEVERIDGE
(Entertainer at the Piano).
WALTER C. CAMPBELL (Baritone).
THE STATION ORCHESTRA.
Conducted by ISAAC LOSOWSKY.
Orchestra.
7.35. Overture, "Mirella" *Gounod* (1)
John Beveridge.
7.45. "Poor Old Father" *Scott* (6)
"Don't Refuse Her" *Wood* (7)
"McGuire's Motor Bike" *Edgar*
8.0. Orchestra.
Selection, "The Mousme"
Monckton and Talbot
8.15. Walter C. Campbell.
"The Old Superb" *Stanford* (1)
"In An Old-Fashioned Town" *Squire* (1)
"The Sweetest Flower that Blows" *Hawley*
8.25. Orchestra.
Patrol, "The Wee Macgregor" .. *Amers*
Intermezzo, "A Gaelic Dream Song"
Foulds
Intermezzo from "Cavalleria Rusticana"
Mascagni
8.45. John Beveridge.
"Mary Mac."
Fox-Trot Song, "Broadcasting" (10)
8.55. Recital No. 11 on

"Scots Poets in the Vernacular," by NINIAN MACWHANNEL.

Reference will be made to the "Whistle-
binkians"—J. D. Carrick, James Bal-
lantine, and John Smith, also Robert
Reid (Rob Wanlock), Violet Jacob,
Gilbert Rae, W. D. Cocker, and Walter
Wingate, with wylins frae their wallets.
Illustrated in Song by
QUEENIE ARTHUR (Soprano).
ISA SEMPLE (Contralto).
Songs.
"Ilka Blade o' Grass" *Ballantine*
"Wee Jookiedaidles" *Smith*
"Love's Aye the Same" *Rae*
"The Wells o' Wearie" *MacLagan*
Readings.
"Kirkbride" *Rob Wanlock*
"The Beadle o' Drumlea" *Jacob*
"Plittin'" *Rae*
"Sheep Dog Dandie" *Cocker*
"The Dominie's Happy Lot" .. *Wingate*
Humorous Sketch.
"A Scottish Tea Party" *Garrick*
Queenie Arthur and Nancy MacWhannell.
10.0.—WEATHER FORECAST and NEWS.
S.B. from London.
The Rt. Hon. Lord PHILLIMORE. *S.B. from London.* Local News.
10.30.—Dance Music by HALL'S BAND,
relayed from Gleneagles Hotel.
11.30.—Close down.
Announcer: Mungo M. Dewar.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 279.

WIRELESS PROGRAMME—WEDNESDAY (Aug. 13th.)

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

LONDON.

- 4.0.—Time Signal from Greenwich.
"French" Programme.
 TORINA CARDI (Soprano).
 RACHEL HUNT (Contralto).
 LEE THISTLETHWAITE (Baritone).
 THE WIRELESS ORCHESTRA.
 Conducted by DAN GODFREY, Junr.
 "Santa Lucia-lentano" *A. Maris*
 "O Marencariello" *Gambardella*
 "Vissi d'arte" *Puccini*
- 4.5.—"My Part of the Country," by A. Bonnet Laird.
 The Orchestra.
 Grand March, "The Queen of Sheba"
Gounod
 Symphonic Poem, "Danse Macabre"
Saint-Saens
 Ballet Music, "Le Cid" *Massenet*
- 4.40. Contralto Scena.
 "La Fiancée du Timbalier" *Saint-Saens*
- 4.55. Baritone Song.
 Mephistophele's Serenade ("Damnation of Faust") *Berlioz*
- 5.0. The Orchestra.
 "Minuet des Follets" } ("Damnation of Faust") } *Berlioz*
 "Ballet des Sylphes" }
- 5.10. Contralto Song.
 "O, ma lyre immortelle" *Gounod*
- 5.25.—"Romance in Brushes," by Mrs. Thornton Cook.
 Baritone Song.
 Vision Fugitive ("Herodiade")... *Massenet*
- 5.45. The Orchestra.
 Intermezzo, "La Lettre de Manon" *Gillet*
 "Scènes Napolitaines" *Massenet*
 (Note: Intermediate times given are Approximate only.)
- 6.0-6.45.—CHILDREN'S CORNER: Musical Talk by Winifred Fisher and Dorothy Hogben: "Birds in Music." Vocal, Pianoforte, and Orchestral Illustrations.
- 7.0.—TIME SIGNAL FROM BIG BEN, WEATHER FORECAST, and 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*
- ARCHIBALD HADDON (the B.B.C. Dramatic Critic): "News and Views of the Theatre." *S.B. to all Stations.*
 Local News.
 7.30-8.0.—Interval.

Military Band Concert

- by the Full Band of 175 Performers of THE ROYAL MILITARY SCHOOL OF MUSIC.
 Relayed from Kneller Hall, Twickenham.
 Under the Direction of
 Lieut. and Director of Music
 H. E. ADKINS.
 (By Permission of the Army Council.)
- 8.0.—March of the Knights of the Grail ("Parsifal") *Wagner* (1)
 Overture, "Ruy Blas" *Mendelssohn*
 Suite, "Symphonique Scheherazade"
Rimsky-Korsakov (1)
 1. "The Story of the Calendar";
 2. "The Young Prince and Princess."
 Selection, "Rhinegold" *Wagner*
- 8.30 (approx.).—"From My Window," by Philemon.
 "Irish Rhapsody," No. 1 ... *Stanford* (14)
 Suite, "Woodland Sketches" ... *MacDowell*
 "The Bamboula" *Coleridge-Taylor*
 Fugue on St. Anne's Tune *Bach*
 Overture, "Le Carnaval Romain" *Berlioz*
 Rule, Britannia!
 God Save the King.
- 9.30. **Short Song Recital.**
 J. DALE SMITH (Baritone).
 "Helen of Kircoumell" }
 "My Sweet Sweeting" } *Keel*
 Invocation to the Nile *Bantock*
 "The Bold Unbiddable Child"
Stanford (14)
 "Down by the Salley Gardens" ... *Shaw* (2)
 "Peace" *Eric Fogg* (4)

- "When Childher Plays" *Walford Davies* (1)
 "Birds in the High Hall"
 Garden" } *Somervell* (1)
 "Go Not, Happy Day" ... }
 "O Let the Solid Ground" }
- 10.0.—TIME SIGNAL FROM GREENWICH, WEATHER FORECAST, and 2ND GENERAL NEWS BULLETIN. *S.B. to all Stations.*
 Mr. E. LE BRETON MARTIN: "What's in Your Name?" *S.B. to all Stations.*
 "The Week's Work in the Garden," by the Royal Horticultural Society. *S.B. to other Stations.*
 Local News.
- 10.35.—THE SAVOY ORPHEANS and SAVOY HAVANA BANDS, relayed from the Savoy Hotel, London. *S.B. to all Stations.*
- 11.30.—Close down.
 Announcer: R. F. Palmer.

BIRMINGHAM.

- 3.30-4.30.—BAND of H.M. 2nd Battn. EAST YORKSHIRE REGIMENT: Conductor, Bandmaster M. P. FLANNERY.
- 5.0-5.30.—WOMEN'S CORNER: Lieut. A. E. Spry, "Some Sea Yarns."
 5.30-5.35.—Agricultural Weather Forecast.
 5.35-6.30.—CHILDREN'S CORNER.
 6.30-6.45.—"Teens' Corner: Captain Cuttle on "Submarines."
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 ARCHIBALD HADDON. *S.B. from London.*
 Local News.
 7.30-8.0.—Interval.
- Tuneful Music.**
- 8.0. THE STATION ORCHESTRA
 ERNEST SMITH (Tenor).
 Orchestra.
 Overture, "Egmont" *Beethoven*
 "Valse Triste" *Sibelius*
 "Suite Française" *Foulds*
- 8.30. Tenor Songs.
 "Three English Lyrics" ... *Stephenson* (1)
 (a) "I Dare Not Ask a Kiss"; (b)
 "Music, When Soft Voices Die";
 (c) "Love's Omnipresence."
- 8.45. Orchestra.
 Selection, "Pagliacci" *Leoncavallo*
 "Poupée Valsante" *Poldini*
 Canzonetta from "Concerto Romantique"
Godard
- 9.15. Songs.
 "Three Songs of Roumania" *Lohr*
 (a) "The Roumanian Mountains"; (b)
 "Life Has Sent Me Many Roses";
 (c) "Roumanian Night Song."
- 9.30. Orchestra.
 Two Pieces *Tchaikovsky*
 (a) "Chanson Triste"; (b) "Humoreske."
 Suite from Ballet Music to "Hiawatha"
Coleridge-Taylor
- 10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 Mr. E. LE BRETON MARTIN. *S.B. from London.*
 Royal Horticultural Society Talk. *S.B. from London.*
 Local News.
- 10.35.—THE SAVOY BANDS. *S.B. from London.*
 11.30.—Close down.
 Announcer: J. C. Paterson.
- BOURNEMOUTH.**
- 3.45-5.15.—Ethel Rowland (Solo Pianoforte).
 THE ROYAL BATH HOTEL DANCE ORCHESTRA, relayed from King's Hall Rooms. (Musical Director, DAVID S. LIFF.) Talks to Women: Mrs. Eric Sharpe on "A Three-days' Walking Tour in Dorset."
 5.15-6.15.—CHILDREN'S CORNER.
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 ARCHIBALD HADDON. *S.B. from London.*
 Local News.
 7.30-8.30.—Interval.

"Sullivan and German Night."

- DORIS VANE (Soprano).
 EDWARD LEER (Tenor).
 GILBERT WRIGHT (Solo Cornet).
 THE WIRELESS ORCHESTRA,
 Conducted by
 Capt. W. A. FEATHERSTONE.
 Orchestra.
- 8.30. Incidental Music to "The Merchant of Venice" *Sullivan*
 Edward Leer.
- 8.45. "Edward Gray" *Sullivan*
 "O Mistress Mine" }
 "Mary Morison" *Sullivan* (1)
- 8.55. Doris Vane.
 "Orpheus With His Lute" *Sullivan*
 "Who'll Buy My Lavender?" *German* (1)
- 9.5. Gilbert Wright.
 "The English Rose" *German*
- 9.10. Orchestra.
 Overture, "Nell Gwyn" *German*
- 9.25. Edward Leer
 "You Sleep"
 "Chorister" } *Sullivan*
 "King Henry's Song" }
- 9.35. Doris Vane.
 "She Had a Letter" ("Merrie England")
German
 "O, Who Shall Say that Love is Cruel?"
 ("Merrie England") *German*
- 9.45. Gilbert Wright.
 "The Distant Shore" *Sullivan*
- 9.50. Orchestra.
 Incidental Music to "Henry VIII."
Sullivan
- 10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 Mr. E. LE BRETON MARTIN. *S.B. from London.*
 Royal Horticultural Society Talk. *S.B. from London.*
 Local News.
- 10.35.—THE SAVOY BANDS. *S.B. from London.*
 11.30.—Close down.
 Announcer: John H. Raymond.

CARDIFF.

- 3.0-4.0.—Falkman and his Orchestra, relayed from the Capitol Cinema.
- 5.0-5.45.—"5WA'S" "FIVE O'CLOCKS": Vocal and Instrumental Artists. Talks to Women.
- 5.45-6.30.—CHILDREN'S CORNER.
 6.30-6.45.—Photography as an Art (V.).
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 ARCHIBALD HADDON. *S.B. from London.*
 Local News.
 7.30-8.0.—Interval.
- The Pursuit of Beauty**
 in Speech and Music.
 Vocalist, CONSTANCE WILLIS (Contralto).
 Solo Violin, CONSTANCE IZARD.
 Solo Flute, JOSEPH SLATER.
 Recital, JOHN REDWOOD ANDERSON.
 THE STATION ORCHESTRA.
- 8.0. Orchestra.
 "Floods of Spring" *Rachmaninov*
 "Reuerdo" *Soro*
 Constance Willis.
 "Valley of Lilies" *Oliver* (8)
 "Reverie" }
 "Echo" } *Woodgate*
 Joseph Slater.
- Concertino *Chaminade* (5)
- 8.40.—J. REDWOOD ANDERSON will recite a selection of his own Poems.
 Constance Izard.
 Selected.
 Orchestra.
 "In the Steppes of Central Asia" ... *Borodin*
 Constance Willis.
 "Night Bides But For a Span" ... *Mallinson*
 "Ae Fond Kiss" } ("Songs of the North")
 "Monkey's Carol" } *Stanford*

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WIRELESS PROGRAMME—WEDNESDAY (Aug. 13th.)

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

Joseph Slater.
 "Pan et les Bergers" *J. Mouquet*
 "Regrets" *Kenneth Walton*
 "Petite Pièce" *Georges Hue*
 Constance Izard.
 Selected.
 Orchestra.
 "Mazurka" (Op. 103) *Godard (15)*
 10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 Mr. E. LE BRETON MARTIN. *S.B. from London.*
 Local News.
 10.35.—THE SAVOY BANDS. *S.B. from London.*
 11.30.—Close down.
 Announcer: W. N. Settle.

MANCHESTER.

2.30-3.0.—WOMEN'S HALF-HOUR.
 BLACK DYKE MILLS BAND, relayed from the Municipal Gardens.
 3.15-4.0. }
 4.10-5.0. } Southport. (Conductor, ARTHUR O. PEARCE.)
 5.45-6.0.—Children's Letters.
 6.0-6.30.—CHILDREN'S CORNER.
 6.30-6.45.—Mr. EDWARD CRESSY: "The Engineer in Adventure (4)—What Happened When the Colorado Broke Loose."
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 ARCHIBALD HADDON. *S.B. from London.*
 Local News.
 7.30-8.0.—Interval.

Tuneful and Popular.

THE "ZY" ORCHESTRA.
 CISSIE WOODWARD (Solo Pianoforte).
 FODEN WILLIAMS (Entertainer).
 8.0. Orchestra.
 Selection, "Carmen" *Bizet*
 Selection, "Samson and Delilah" *Saint-Saëns*
 Cissie Woodward.
 Prelude and Fugue in C Minor *Bach*
 "The Harmonious Blacksmith" *Handel*
 "Thème Varié" *Paderevski*
 Orchestra.
 Selection, "La Bohème" *Puccini*
 Foden Williams in Selections from his Repertoire.
 Orchestra.
 Selection, "Rigoletto" *Verdi*
 Cissie Woodward.
 "Andante and Rondo Capriccioso" *Mendelssohn*
 "Moto Perpetuo" *Weber*
 "The Musical Box" *Liadov*
 Study in G Flat (Black Key) }
 Waltz in D Flat *Chopin*
 Orchestra.
 Selection, "The Tales of Hoffmann" *Offenbach*
 Selection, "Aida" *Verdi*
 10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 Mr. E. LE BRETON MARTIN. *S.B. from London.*
 Royal Horticultural Society Talk. *S.B. from London.*
 Local News.
 10.35.—THE SAVOY BANDS. *S.B. from London.*
 11.30.—Close down.
 Announcer: H. B. Brenan.

NEWCASTLE.

3.45-4.45.—Concert. Light Orchestra.
 4.45-5.15.—WOMEN'S HALF-HOUR: Mrs. Vollans on "Children's Walks."
 5.15-6.0.—CHILDREN'S CORNER.
 6.0-6.30.—Scholars' Half-Hour.
 6.35-6.50.—Farmers' Corner.
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*

ARCHIBALD HADDON. *S.B. from London.*
 Local News.
 7.30-8.0.—Interval.

Mainly Operatic.

8.0. THE STATION ORCHESTRA:
 Conductor—WILLIAM A. CROSSE.
 Selection, "Tannhäuser" and "Lohengrin" *Wagner*
 JOSEPHINE MACPHERSON (Mezzo-Soprano).
 "As Through the Street" ("La Bohème") *Puccini*
 "Fair Spring is Returning" ("Samson and Delilah") *Saint-Saëns*
 HUGH SPENCER (Bass).
 "Star of Eve" *Wagner (11)*
 "She Alone Charmeth My Sadness" *Gounod*
 BEATRICE EVELINE (Solo Violoncello).
 Adagio Cantabile *Tartini*
 Réverie *Fischer*
 Les Cherubins *Couperin-Salmon*
 JOHN PERRY (Tenor).
 Prayer from "Rienzi" *Wagner*
 "Your Tiny Hand is Frozen" ("La Bohème") *Puccini*
 Josephine Macpherson.
 "Love, the Vagrant" ("Carmen") *Bizet*
 "Home to Our Mountains" ("Il Trovatore") *Verdi*
 Orchestra.
 Selection, "La Bohème" *Puccini*
 John Perry.
 "None So Rare" ("Martha") *Flotow*
 Cavatina ("Faust") *Gounod*
 Beatrice Eveline.
 Old Irish Air, "The Snowy Breasted Pearl" *arr. O'Connor Morris*
 Welsh Lullaby *arr. H. Scott*
 Chanson Villageoise *Popper*
 Hugh Spencer.
 "Who Treads the Path of Duty" *Mozart*
 ("The Magic Flute") *Mozart*
 "So, Sir Page" ("Figaro") *Mozart*
 Orchestra.
 Selection, "Hérodiade" *Massenet-Tavan*
 10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 Mr. E. LE BRETON MARTIN. *S.B. from London.*
 Royal Horticultural Society Talk. *S.B. from London.*
 Local News.
 10.35.—THE SAVOY BANDS. *S.B. from London.*
 11.30.—Close down.
 Announcer: B. O. March.

ABERDEEN.

3.30-5.0.—Solo Instrumentalists Afternoon.
 6.0-6.30.—CHILDREN'S CORNER.
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 ARCHIBALD HADDON. *S.B. from London.*
 Local News.
 7.30-8.0.—Interval.
 8.0.—Mr. W. E. ORD, B.A., Postmaster, Aberdeen Post Office, on "The Aberdeen Post Office—Its History and Development."
 Operatic Night.
 ROBERT RADFORD (Bass).
 THE WIRELESS ORCHESTRA.
 8.30. Orchestra.
 Selection, "Faust," No. 2. *Gounod-Tavan*
 8.45. Robert Radford.
 Recit. and Air, "She Alone Charmeth My Sadness" ("Irene") *Gounod*
 "Vulcan's Song" ("Philemon and Baucis") *Gounod*
 "I Am a Roamer" ("Son and Stranger") *Mendelssohn (1)*
 9.5. Orchestra.
 Selection, "The Valkyrie" *Wagner*

9.20. Robert Radford.
 "O. Isis" ("The Magic Flute") *Mozart (11)*
 "When a Maiden Takes Your Fancy" *Mozart (11)*
 "I'll Have Vengeance" *Mozart (11)*
 ("Figaro") *Mozart (11)*
 "Mephistofele's Serenade" ("Faust") *Gounod*
 9.40. Orchestra.
 Overture, "Der Freischütz" *Weber*
 10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 Mr. E. LE BRETON MARTIN. *S.B. from London.*
 Royal Horticultural Society Talk. *S.B. from London.*
 Local News.
 10.35.—THE SAVOY BANDS. *S.B. from London.*
 11.30.—Close down.
 Announcer: A. M. Shinnie.

GLASGOW.

3.30-4.30.—Classical Afternoon.
 4.30-4.45.—TOPICS FOR WOMEN.
 5.15-6.0.—CHILDREN'S CORNER.
 6.0-6.5.—Weather Forecast for Farmers.
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 ARCHIBALD HADDON. *S.B. from London.*
 Local News.
 7.30-8.0.—Interval.
 Orchestra—Song—Piano.
 ANDREW BRYSON (Solo Pianoforte).
 FRANK PHILLIP (Baritone).
 MAY BLYTH (Soprano).
 THE STATION ORCHESTRA:
 Conducted by ISAAC LOSOWSKY.
 8.0. Orchestra.
 Overture, "Haydée" *Auber*
 8.10. Frank Phillip.
 "I Attempt from Love's Sickness to Fly" *Purcell*
 "The Linden Tree" *Schubert*
 "To a Violet" *Brahms*
 8.20. Orchestra.
 "A Children's Suite" *Ansell*
 8.35. May Blyth.
 "The Loreley" *List*
 "Faint and Fainter is My Slumber" *Brahms*
 "Sea Raptures" *Eric Coates*
 8.45. Orchestra.
 Waltz, "La Belle au Bois Dormant" *Tchaikovsky*
 8.55. Frank Phillip.
 "Don Juan's Serenade" *Tchaikovsky (1)*
 "Beside the Rhine's Noble Waters" *Schumann*
 "Droop Not, Young Lover" *Handel (1)*
 9.5. Orchestra.
 Entr'actes { "In the Moonlight" *Ketelbey*
 "Canzonetta" *Friml*
 May Blyth.
 9.15. "Life and Death" *Coleridge-Taylor (1)*
 "The Forge" *Brahms*
 "A Cunning Wave" *A. Buesse!*
 9.25. Andrew Bryson.
 "La Brune Coquette" *Trinina*
 "Jardins sous la Pluie" *Debussy*
 "Fireflies" *Frank Bridge*
 "Mazurka," No. 2 *Leschetitzky*
 9.40. Orchestra.
 Ballet Music, "Le Cid" *Massenet*
 10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 Mr. E. LE BRETON MARTIN. *S.B. from London.*
 Royal Horticultural Society Talk. *S.B. from London.*
 Local News.
 10.35.—THE SAVOY BANDS. *S.B. from London.*
 11.30.—Close down.
 Announcer: Herbert A. Carruthers.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 279.

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EVENTS OF THE WEEK.

SUNDAY, AUGUST 10th.
BOURNEMOUTH, 9.0.—Instrumental Night—"Bach-Beethoven." Harold Samuel (Solo Pianoforte) and Wireless Orchestra.

MONDAY, AUGUST 11th.
LONDON, 8.0.—"The School for Scandal" (Sheridan). S.B. to all Stations.
LONDON, 10.0.—"Midsummer Madness" (Bax and Gibbs), Act III., relayed from the Lyric Theatre, Hammersmith. S.B. to all Stations.

TUESDAY, AUGUST 12th.
LONDON, 8.0.—"A Night with English Composers."
BOURNEMOUTH, 8.15.—Bournemouth Municipal Orchestra Night.
ABERDEEN, 8.30.—A Night with Brahms.
GLASGOW, 8.55.—Recital, "Scots Poets in the Vernacular," by Ninian Mac Whannel.

WEDNESDAY, AUGUST 13th.
LONDON, 8.0.—Band of Royal Military

School of Music, relayed from Kneller Hall.

BOURNEMOUTH, 8.30.—"Sullivan and German Night."
CARDIFF, 8.0.—"The Pursuit of Beauty in Speech and Music."

THURSDAY, AUGUST 14th.
LONDON, 8.0.—Comic Opera, "Falka" (Chassaigne). S.B. to all Stations.

FRIDAY, AUGUST 15th.
BOURNEMOUTH, 8.30.—Song Cycle, "The Golden Threshold."
MANCHESTER, 7.30.—Napoleon Bonaparte in Music and Story.
NEWCASTLE, 7.30.—All-British Evening.

HULL, 9.30.—Speeches Delivered on the occasion of the Opening of the Hull Relay Station. S.B. to all Stations.

SATURDAY, AUGUST 16th.
BIRMINGHAM, 7.30.—Concert of City of Birmingham Police Band.
NEWCASTLE, 8.0.—Programme by the Winners of the Musical Tournament.

Vers Paris.

The following talk will be broadcast by M. E. M. Stéphan, from the London Station on Tuesday, August 12th. It is printed here in French so that students may follow the speaker word for word.

Le train file, file et bientôt vous voilà en pleine campagne. La fatigue vous envahit et vous vous endormez, mais pas pour longtemps. Vos compagnons causent et fument et se demandent pourquoi les banquettes des trains français ne sont pas aussi commodes, aussi moelleuses que celles des trains anglais.

C'est là un des mystères dont il faut demander la solution aux Directeurs de la Compagnie des Chemins de Fer du Nord. Vos membres endoloris se le demandent aussi, et bientôt vous vous réveillez de votre pénible sommeil, vous vous secouez, vous baillez, mais un Anglais bien élevé, en vous mettant la main sur la bouche; vous vous étirez quand personne ne vous regarde; finalement vous vous levez et vous faites un petit tour dans les couloirs, histoire de vous dégourdir les jambes. Vous regardez par les fenêtres et peu à peu vous vous rendez compte que les maisons sont de plus en plus rapprochées.

Des maisons, des maisons, et encore des maisons à perte de vue.

C'est Paris. Encore quelques minutes et le train commence à ralentir sa marche; tout à coup ça y est, le train s'arrête tout à fait. "Paris tout le monde descend." Vous vous précipitez vers la portière avec vos petits bagages et vous réussissez après bien des efforts à attirer l'attention d'un facteur qui vient à vous de son train de sénateur.

"Que désire, Madame?"

"Un taxi, s'il vous plaît, et faites vite."

Le taxi surgit enfin du plus profond de l'horizon, vous vous y installez le mieux du monde. Le chauffeur et le facteur s'occupent de vos bagages. Surtout n'oubliez pas de donner un pourboire au facteur, autrement vous apprendrez plus de français pittoresque en cinq minutes que tous vos professeurs ne vous en ont laborieusement enseigné pendant vos années d'école.

L'auto démarre avec une rapidité déconcertante, et vous voilà lancé en avant; tout à coup arrêt brusque, et vous retombez sur la banquette. Ce manège se répète et continue pendant dix minutes; vous vous demandez à tout moment si votre fin approche, et vous commencez vaguement à regretter de n'avoir pas fait votre testament de n'avoir pas mené une vie plus noble, plus digne et de n'avoir pas évité tous ces péchés d'omission et de commission qu'on vous a si souvent reprochés. Car à n'en pas douter dans un instant vous serez au milieu de la rue, écrasé, méconnaissable et les dernières paroles que vous entendrez seront celles-ci, sorties de la bouche d'un Parisien

curieux et sans cœur, "Quel dommage, mais après tout que venait-il faire dans cette galère?"

Mais non, ça n'arrive pas, et voici sain et sauf à votre hôtel. Vous avez une faim de loup, d'autant plus que pendant la traversée de la Manche la mer était grosse et vous avez payé le tribut à Neptune.

Par l'odeur alléchée, comme le renard de la Fable, vous vous dirigez en toute hâte vers la salle-à-manger. Si vous avez diné assez fréquemment dans les restaurants de Soho, les mystères du vocabulaire culinaire ne vous affraieront pas, et vous saurez ce qu'on entend par "une purée parmentière" et des "bouchées à la reine."

Mais il faut avouer qu'il n'est pas toujours facile de déchiffrer ces hiéroglyphes appelés Menus, ou Cartes du Jour, et je vais vous raconter l'aventure forte triste, mais très véridique, car elle est bien connue arrivée à l'un de mes amis anglais.

Il est allé tout récemment à Paris et a voulu un jour dîner dans un restaurant du Palais-Royal.

Il n'est past très fort sur la langue française et son amour-propre en est quelque peu froissé.

Pour cacher son ignorance il montre du doigt au garçon la première ligne de la carte. "Bien, Monsieur," et le garçon lui apporte une purée de pois.

Lorsqu'il a fini la soupe il fait un signe magistral et montre la seconde ligne de la carte. "Entendu, Monsieur," et le garçon place devant lui—un tapioca au bouillon. Mon ami, un Anglais qui a joué au criquet, réprime une grimace.

La deuxième soupe finie il montre du doigt la 3^{ème} ligne, et aussitôt le garçon pose devant lui une assiette de soupe aux choux.

La sueur perle au front de mon ami. C'est beaucoup trop de soupe se dit-il, mais il paraît que c'est la mode à Paris. Il avale sa troisième soupe et sans sourciller il montre la 4^{ème} ligne. Cette fois-ci le garçon lui apporte—une Julienne.

Tous les voisins se regardent sourient et chuchotent, "C'est un pari! Oh! ces Anglais, quels types hein!" Tous un peu toqués quoi!

De guerre lasse, et pour se mettre à distance de ces infernales soupes, mon Anglais, avec son sang-froid habituel, pose l'index sur la dernière ligne de la carte.

"Très bien, Monsieur," dit carrément le garçon, et il lui apporte un paquet de cure-dents.

Notre ami jette une pièce de 20 francs sur la table et disparaît.

**CHAPPELL
WEBER
BROADWOOD**

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

WIRELESS PROGRAMME—THURSDAY (Aug. 14th.)

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

LONDON.

- 1.0-2.0.—Time Signal from Big Ben. The Week's Concert of New Gramophone Records.
- 4.0-5.0.—Time Signal from Greenwich. Concert: The "2LO" Trio and Olive Hind (Soprano). Travel Picture: "The Picturesque Peasant of the Austrian Tyrol," by Helen Grieg Souter. "The Story of Some Historical Manuscripts," by Florence Thornton Smith.
- 6.0-6.45.—CHILDREN'S CORNER: Stories told by Miss Nobody Special. The Cloud Lady and Uncle Humpty-Dumpty: "Before-Breakfast Tunes." L.G.M. of the *Daily Mail* telling Zoo Dinner-time Stories.
- 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.*
Captain H. G. MANSFIELD, M.C., F.R.G.S., late of the Royal North-West Mounted Police, on "Police Work in the Arctic." *S.B. to other Stations.*
Local News.
- 7.35-8.0.—Interval.
- 8.0-11.0.—Programme *S.B. to all Stations.*
- 8.0. "Falka."

A Comic Opera by Chassaigne.
Produced by FREDERICK LLOYD.
Arranged and Conducted by DAN GODFREY, Junr.
Chorus Master, STANFORD ROBINSON.
THE AUGMENTED WIRELESS ORCHESTRA.

Cast:

- Falka...WINIFRED FISHER (Soprano)
Edwige...RACHEL HUNT (Contralto)
Alexina de Kelkirsch...GLADYS NEWTH
Janotha... (Contralto)
Minna...MABEL CORRAN (Contralto)
Arthur...SYDNEY COLTHAM (Tenor)
Tancred...EDWARD LEER (Tenor)
Tereh... } STUART ROBERTSON
Boboky... } (Baritone)
Seneschal }
Konrad }
- LEE THISTLETHWAITE (Baritone)
Boleslas... } ROBERT CHIG.
Lay Brother Pelican } NELL (Baritone)
Kolback... } FREDERICK LLOYD
- 10.0.—TIME SIGNAL FROM GREENWICH.
WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN.
Public Health Talk, by Sir GEORGE BUCHANAN, C.B., M.D. Senior Medical Officer, Ministry of Health.
Local News.

10.30: "FALKA" (Continued).

11.0.—Close down.
Announcer: J. G. Broadbent.

BIRMINGHAM.

- 3.30-4.30.—The Station Pianoforte Quintette: Conductor, Frank Cantell. JOHN PERRY (Tenor) and Foden Williams (Entertainers).
- 5.0-5.30.—WOMEN'S CORNER: Amy Carter (Contralto) in a Song Recital.
- 5.30-5.35.—Agricultural Weather Forecast.
- 5.35-6.30.—CHILDREN'S CORNER.
- 6.30-6.45.—"Teens' Corner": Alice Couchman—Talk and Pianoforte Recital on Beethoven and His Works.

- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Radio Society Talk. *S.B. from London.*
Capt. H. G. MANSFIELD. *S.B. from London.*
Local News.
- 7.35-8.0.—Interval.
- 8.0-11.0.—Programme *S.B. from London.*
Announcer: J. C. Paterson.

BOURNEMOUTH.

- 3.45-5.15.—The "6BM" Trio: Reginald S. Mounat (Violin), Thomas Illingworth (Violoncello), Arthur Marston (pianoforte). Sidney S. Waller (Tenor). Talks to Women: J. S. Bainbridge, B.Sc., on "The Housewife's Chemical Alphabet."
- 5.15-6.15.—CHILDREN'S CORNER.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Radio Society Talk. *S.B. from London.*
Capt. H. G. MANSFIELD. *S.B. from London.*
Local News.
- 7.35-8.0.—Interval.
- 8.0-11.0.—Programme *S.B. from London.*
Announcer: John H. Raymond.

CARDIFF.

- 3.0-4.0.—The Station Trio. Blodwen Caerleon (Mezzo-Contralto).
- 4.0-4.45.—The Carlton Orchestra relayed from the Carlton Restaurant.
- 5.0-5.45.—"5WA'S" "FIVE O'CLOCKS": Mr. Isaac J. Williams, Keeper of Art, The National Museum of Wales. Vocal and Instrumental Artists.
- 5.45-6.30.—CHILDREN'S CORNER.
- 6.30-6.45.—"How to Speak French" (VIII).
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Radio Society Talk. *S.B. from London.*
Dr. JAS. J. SIMPSON, M.A., D.Sc., "Romances of Natural History."
Local News.
- 7.35-8.0.—Interval.
- 8.0-11.0.—Programme *S.B. from London.*
Announcer: C. K. Parsons.

KEY LIST OF MUSIC PUBLISHERS.

1. Boosey and Co.
2. Curwen, J., and Sons, Ltd.
3. Herman Darewski Music Publishing Co.
4. Elkin 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.
10. Cecil Lennox and Co.
11. Novello and Co., Ltd.
12. Phillips and Page.
13. Reynolds and Co.
14. Stainer and Bell, Ltd.
15. Williams, Joseph, Ltd.
16. Cavendish Music Co.
17. The Anglo-French Music Company, Ltd.
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19. Dix, Ltd.
20. W. Paxton and Co., Ltd.
21. Warren and Phillips.
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23. West's, Ltd.
24. Forsyth Bros., Ltd.
25. The Stork Music Publishing Co.
26. Messrs. Lareine and Co., Ltd.
27. Duff, Stewart and Co., Ltd.
28. Wilford, Ltd.
29. Dolart and Co.
30. John Blackburn, Ltd.
31. Keith Prowse and Co., Ltd.
32. Worston David, Ltd.

In the Birmingham Programme, page 142, of our issue dated July 18th, we gave the incorrect indication number of the publisher of the following songs: "In a Year," "A Woman's Last Word," "Home Thoughts," "The Reed Player," "A Widow Bird," "Hymn of Pan." These songs are published by Messrs. Swan & Co., Ltd., 288, Regent Street, London, W.1.

MANCHESTER.

- 12.30-1.30.—Concert by the "2ZY" Quartette.
- 5.10-5.40.—WOMEN'S HALF-HOUR: Beatrice Coleman (Contralto).
- 5.45-6.0.—Children's Letters.
- 6.0-6.30.—CHILDREN'S CORNER.
- 6.30-6.35.—Boy Scouts' News (Local Bulletin)
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Radio Society Talk. *S.B. from London.*
Capt. H. G. MANSFIELD. *S.B. from London.*
Local News.
- 7.35.—CONSTANCE WILLIS (Contralto), Song Recital.
- 8.0-11.0.—Programme *S.B. from London.*
Announcer: H. B. Brennan.

NEWCASTLE.

- 3.45-4.45.—Pianoforte and Song Recital: Gladys Willis (Solo Pianoforte), Hilda Vincent (Soprano), Rowland Yates (Baritone).
- 4.45-5.15.—WOMEN'S HALF-HOUR: Agnes Strong—Scenes from Fanny Burney's "Evelina."
- 5.15-6.0.—CHILDREN'S CORNER: Stories, Songs, etc.
- 6.0-6.30.—Scholars' Half-Hour.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Radio Society Talk. *S.B. from London.*
Capt. H. G. MANSFIELD. *S.B. from London.*
Local News.
- 7.35-8.0.—Interval.
- 8.0-11.0.—Programme *S.B. from London.*
Announcer: W. M. Shewen.

ABERDEEN.

- 3.30-5.0.—Everybody's Programme: MAY BLYTH (Soprano), BEATRICE EVELINE (Solo Violoncello), Feminine Topics.
- 6.0-6.30.—CHILDREN'S CORNER: Maud Pennington (Soprano).
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Radio Society Talk. *S.B. from London.*
Capt. H. G. MANSFIELD. *S.B. from London.*
Local News.
Boys' Brigade News.
- 7.40-8.0.—Interval.
- 8.0-11.0.—Programme *S.B. from London.*
Announcer: W. D. Simpson.

GLASGOW.

Request Afternoon.

- 3.15-4.30. The Wireless Quartette and ROBERT RADFORD (Bass).
"The Vagabond" ("Songs of Travel")
Faughan Williams (1)
"The Roadside Fire"
Faughan Williams (1)
"The Sergeant's Song" (1803)
Gustav Holst
Old Sea Song, "The Golden Vanity"
arr. Lucy Broadwood
Old Irish Song, "Molly Brannigan"
arr. Stanford (1)
Old Irish Song, "The Donovans"
arr. Needham (1)
- 4.45-5.15.—TOPICS FOR WOMEN: Dugald Semple on "The Best Diet for the Holidays."
- 5.15-6.0.—CHILDREN'S CORNER: "5SC'S"
Stamp Uncle will give his Weekly Chat.
- 6.0-6.5.—Weather Forecast for Farmers.
- 6.40-6.55.—Dr. J. M. CLARKE of Glasgow University, on "Literature."
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Radio Society Talk. *S.B. from London.*
Capt. H. G. MANSFIELD. *S.B. from London.*
Local News.
- 7.35-8.0.—Interval.
- 8.0-11.0.—Programme *S.B. from London.*
Announcer: Herbert A. Carruthers.

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

WIRELESS PROGRAMME—FRIDAY (Aug. 15th.)

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

LONDON.

- 1.0-2.0.—Time Signal from Big Ben. Concert: the "2LO" Trio and David Evans (Baritone).
- 4.0-5.0.—Time Signal from Greenwich. Concert: Debate—"That the Manners of the Modern Young Man Need Improvement." Alice Toothill (Contralto). Organ Music relayed from Shepherd's Bush Pavilion.
- 6.0-6.45.—**CHILDREN'S CORNER:** "A Wicked Uncle is Expected." "The Two Frogs," adapted by Andrew Lang from the Violet Fairy Book. Piano Solo by Uncle Synco. "Treasure Island," Chap. 26, Part 2, by Robert Louis Stevenson. A Trip Round the World—"Madrid."
- 7.0.—**TIME SIGNAL FROM BIG BEN.** WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*
G. A. ATKINSON (the B.B.C. Film Critic): "Seen on the Screen." *S.B. to all Stations.*
Local News.
- 7.30-8.0.—Interval.
- 8.0.—**"Dance Music of Many Countries."** LEONARD HUBBARD (Baritone). DAVID BUCHAN (Solo Pianoforte). JOHN HENRY.
THE WIRELESS ORCHESTRA.
Conducted by DAN GODFREY, Junr. Three Dances, "Nell Gwyn" (England) *Edward German*
Three Symphonic Dances (Norway)... *Grieg*
Pianoforte Dance Pieces.
Waltz in C Sharp Minor (Poland)... *Chopin*
Dance Rhapsody (Great Britain)... *Buchan*
John Henry on "Dancing."
The Orchestra.
Three Irish Dances (Ireland)... *Ansell*
Spanish Dances (Spain)... *Moszkowski*
Dance Songs.
Pipes of Pan (England)... *Elgar* (1)
The Harvest Dance (England)
Robert Batten (1)
"Dance of the Hours" (Italy)... *Ponchielli*
Pianoforte Pieces.
Sarabande (France)... *Wolstenholme*
Mock Morris Dance (England)
Percy Grainger
The Orchestra.
Hungarian Dances (Hungary)... *Brahms*
John Henry's Book Review.
- 9.30.—Speeches delivered on the Occasion of the Official Opening of the B.B.C.'s Hull Relay Station. *S.B. from Hull.*
- 9.45.—The Orchestra.
Three Dances, "The Little Minister" (Scotland)... *Mackenzie* (11)
- 10.0.—**TIME SIGNAL FROM GREENWICH.** WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN. *S.B. to all Stations.*
Topical Talk.
Local News.
- 10.30.—The Orchestra.
Two Serbian Dances (Serbia)... *Sistek*
Dance Songs.
"Riviera Rose" (France)... *Nichols* (9)
"Gigolette" (France)... *Lehar*
The Orchestra.
Ballet Music, "Faust" (France)... *Gounod*
- 11.0.—Close down.
Announcer: J. G. Broadbent.

BIRMINGHAM.

- 3.30-4.30.—Lozells Picture House Orchestra: Conductor, Paul Rimmer.
- 5.0-5.30.—**WOMEN'S CORNER:** R. C. Taunton on "What is Charity?"
- 5.30-5.35.—Agricultural Weather Forecast.
- 5.35-6.30.—**CHILDREN'S CORNER.**
- 6.30-6.45.—Teens' Corner.
- 7.0.—**WEATHER FORECAST and NEWS.** *S.B. from London.*

G. A. ATKINSON. *S.B. from London.*
Local News.

7.30-8.0.—Interval.

Request Night.

- 8.0.—**THE STATION ORCHESTRA.**
MABEL SENIOR (Soprano).
CHARLES BARKER (Entertainer).
In a Programme of Specially Selected Request Items.
- 9.30.—Speeches delivered on the Occasion of the Official Opening of the B.B.C.'s Hull Relay Station. *S.B. from Hull.*
- 9.45.—Request Programme (Continued).
- 10.0.—**WEATHER FORECAST and NEWS.** *S.B. from London.*
Topical Talk.
Local News.
- 10.30.—Request Programme (Continued).
- 11.0.—Close down.
Announcer: J. C. Paterson.

BOURNEMOUTH.

- 3.45-5.15.—Instrumental Solo Afternoon: W. T. O'Brian (Solo Clarinet); P. Bartlett (Solo Trombone and Euphonium), H. L. Gibson (Solo Piccolo and Flute), R. G. Somers (Solo Oboe and Cor Anglais). Talks to Women: Capt. H. B. Rowley on "Golf."
- 5.15-6.16.—**CHILDREN'S CORNER.**
- 7.0.—**WEATHER FORECAST and NEWS.** *S.B. from London.*
G. A. ATKINSON. *S.B. from London.*
Local News.
- 7.30-8.30.—Interval.
- 8.30.—**Song Cycle.**
"THE GOLDEN THRESHOLD"
(An Indian Song-Garland).
The Poems from
"The Golden Threshold," by Sarojini Naidu.
The Music by Liza Lehmann (1).
ELSIE SUDDABY (Soprano).
GLADYS PALMER (Contralto).
SYDNEY COLTHAM (Tenor).
HERBERT HEYNER (Baritone).
THE AUGMENTED ORCHESTRA.
and "6BM" CHORUS.
Under the Direction of
Capt. W. A. FEATHERSTONE.
Chorus, "Harvest Hymn."
Baritone, "Song of a Dream."
Soprano, Contralto, and Chorus, "Henna."
Tenor and Baritone, "Palanquin Bearers."
Contralto Recit., "The Serpents are Asleep Among the Poppies."
Soprano, "The Snake Charmer."
(Flute Obligato, H. L. GIBSON.)
Tenor, Love Song, "You Flaunt Your Beauty."
Baritone and Chorus, "The Royal Tombs of Golconda."
Contralto and Tenor, "Like a Serpent to the Calling Voice of Flutes."
Chorus, "Nightfall in Hyderabad."
Soprano, "Cradle Song."
Baritone and Solo Quartet, "To a Buddha Seated on a Lotus."
- 9.30.—Speeches delivered on the Occasion of the Official Opening of the B.B.C.'s Hull Relay Station. *S.B. from Hull.*
- 9.45.—"THE GOLDEN THRESHOLD"
(Continued).
Chorus, "Indian Dancers."
Soprano, Contralto, and Tenor, "New Leaves Grow Green on the Banyan Twigs."
Contralto, "Alabaster."
Tenor, Solo Quartet, and Chorus, "At the Threshold."
- 10.0.—**WEATHER FORECAST and NEWS.** *S.B. from London.*
Topical Talk.
Local News.
- 10.30.—The Orchestra.
"Lament" from "Keltic Suite"... *Foulds*
Herbert Heyner.
- 10.40.—"On the Road to Mandalay"... *Hedgecock*
"The Golden Vanity"... *Traditional*

- 10.50.—The Orchestra.
"Suite, "Peer Gynt"..... *Grieg*
(a) "Morning"; (b) "Death of Ase";
(c) "Dance of the Imps."
- 11.0.—Close down.
Announcer: John H. Raymond.

CARDIFF.

- 3.0-4.0.—Falkman and his Orchestra, relayed from the Capitol Cinema.
- 5.0-5.45.—"5WA'S" "FIVE O'CLOCKS": Vocal and Instrumental Artists. The Station Orchestra.
- 5.45-6.30.—**CHILDREN'S CORNER.**
- 6.30-6.45.—How to Speak Welsh (VII.).
- 7.0.—**WEATHER FORECAST and NEWS.** *S.B. from London.*
G. A. ATKINSON. *S.B. from London.*
Local News.
- 7.30-8.0.—Interval.
ST. HILDA COLLIERY BAND.
Conductor, WILLIAM HALLIWELL.
JOHN PERRY (Tenor).
Band.
- 8.0.—Overture, "Rosamunde"..... *Schubert*
John Perry.
"My Queen"..... *Blumenthal*
"My Pretty Jane"..... *Bishop* (1)
Selection, "The Lady of the Rose" *Gilbert*
Cornet Solo, "Irene"..... *Bidgood*
(Soloist, WILLIAM ELLISON.)
John Perry.
"Come into the Garden, Maud" *Bolfe* (1)
"Sally in our Alley"..... *Carty* (1)
Mr. F. J. NORTH, D.Sc., F.G.S., Keeper of Geology, Tes National Museum of Wales, on "The Story of the Earth."
Band.
Sketch, "Way Down Carolina" *Lestrage*
"Ballet Russe"..... *Luigini*
- 9.30.—Speeches delivered on the Occasion of the Official Opening of the B.B.C.'s Hull Relay Station. *S.B. from Hull.*
- 9.45.—John Perry.
"Kathleen Mavourneen"..... *Crouch* (1)
"Annie Laurie"..... *Scott*
- 10.0.—**WEATHER FORECAST and NEWS.** *S.B. from London.*
Topical Talk.
Local News.
- 10.30.—Close down.
Announcer: C. K. Parsons.

MANCHESTER.

- 12.30-1.30.—Organ Music by H. Fitzroy-Page, relayed from the Piccadilly Picture Theatre.
- 2.30-3.0.—**WOMEN'S HALF-HOUR:** Gaby Valle (Soprano).
- 3.30-4.30.—Concert by the "2ZY" Quartet.
- 5.45-6.0.—Children's Letters.
- 6.0-6.30.—**CHILDREN'S CORNER.**
- 6.30-7.0.—ROBERT RADFORD (Bass).
Recit. and Air, "Hear Me, Ye Winds and Waves"..... *Handel* (1)
"Vulcan's Song"..... } *Gounod*
"Mephistopheles' Serenade"..... }
"The Song of the Horn"..... *Friegier*
"Benediction"..... *Tchaikovsky*
"Old Clothes and Fine Clothes"..... *Shaw*
- 7.0.—**WEATHER FORECAST and NEWS.** *S.B. from London.*
G. A. ATKINSON. *S.B. from London.*
Local News.
- 7.30.—**Napoleon Bonaparte**
in Music and Story.
THE "2ZY" AUGMENTED ORCHESTRA.
Conductor, T. H. MORRISON.
LEE THISTLETHWAITE (Baritone).
JAMES BERNARD (Reciting).
Notes by MOSES BARITZ.
"Great men are meteors that, consume themselves
To light the earth. This is my burnt out hour."

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 278.

WIRELESS PROGRAMME—FRIDAY (Aug. 15th.)

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

- Orchestra.
1792. The Republic. "The Marseillaise."
Rouget de Lisle
Lee Thistlethwaite.
1794. Aria, "Nemico Della Patria"
Andrea Chenier
Orchestra.
1794. Overture, "Maximilian Robespierre"
Litolff
1804. The Empire. Scherzo from "Eroica Symphony"
Beethoven
James Bernard.
1805. Before Trafalgar. Rumours of Invasion. Act II., Scene 5, "The Dynasts"
Thomas Hardy, O.M.
Lee Thistlethwaite.
Sea Chanty, "Boney Was a Warrior" (2)
Trafalgar. Song, "The Death of Nelson"
Braham
Orchestra.
1812. Russia. Overture, "1812"
Tchaikovsky
Lee Thistlethwaite.
Song, "Two Grenadiers" *Schumann*
Orchestra.
1813. Peninsula. Battle of Vittoria. "Battle Symphony"
Beethoven
James Bernard.
1815. The 100 Days. Excitement in England. Act V., Scene 6, "The Dynasts"
Thomas Hardy, O.M.
Lee Thistlethwaite.
Song, "When the King Went Forth to War"
Koenemann
Orchestra.
1815. Waterloo. March, "Nulli Secundus" (Scots Greys' March).
James Bernard
Brussels. The Eve of Battle. Byron's "Childe Harold's Pilgrimage."
Orchestra.
"Battle of Waterloo" *Eckersberg*
James Bernard.
Defeat. "This is My Burnt-Out Hour." Act VII., Scene 9, "The Dynasts"
Thomas Hardy, O.M.
9.30.—Speeches delivered on the Occasion of the Official Opening of the B.B.C.'s Hull Relay Station. *S.B. from Hull.*
9.45. Lee Thistlethwaite.
"The Midnight Review" *Glinka*
10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Topical Talk.
Local News.
10.30. Orchestra.
Epilogue. Funeral March from the "Eroica Symphony"
Beethoven
Announcer: B. E. Nicolls.

NEWCASTLE.

- 3.45-4.45.—Concert: Alice Robson (Solo Violin). Ella Henderson (Soprano). H. M. Pell (Solo Cornet).
4.45-5.15.—WOMEN'S HALF-HOUR.
5.15-6.0.—CHILDREN'S CORNER: Agnes Strong on "Irish Folk Lore." Katharine Latham—Songs, etc.
6.0-6.30.—Scholars' Half-Hour.
6.35-6.50.—Farmers' Corner: R. W. Wheldon on "Foods and Feeding" (1).
7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
G. A. ATKINSON. *S.B. from London.*
Local News.

All British Evening.

- 7.30. THE STATION ORCHESTRA.
Conductor, WILLIAM A. CROSSE.
Overture, "Britannia" ... *Mackenzie* (15)
MAY BLYTH (Soprano).
"Waiting" *Coleridge-Taylor* (1)
"If Thou Didst Care" *Bettesworth-Page*
"The Cunning Wave" *Bucsst*
REGINALD WHITEHEAD (Bass).
"The Warwickshire Wooing" *James*
"Four Jolly Sailormen" *German*
"The Glory of the Sea" *Sanderson* (1)

- Orchestra.
"Three Irish Pictures" *Ansell*
GEORGE HODGSON (Tenor).
"Silent Noon" *Vaughan Williams*
"A Child's Song" *Marshall* (1)
Reginald Whitehead.
"Devonshire Cream and Cider"
Sanderson (1)
"The Border Ballad" *Cowen*
"Why Shouldn't I?" *Russell*
Orchestra.
Suite of Three Dances, "In Days of Old"
Ball
May Blyth.
"She Wandered Down the Mountain Side"
Clay (1)
"Sea Raptures" *Coates*
Orchestra.
"Pavane" *German*
"Bagatelle" *Ireland* (1)
George Hodgson.
"Come Away, Death" *Quilter* (1)
"O Lovely Night" *Ronald* (5)
9.30.—Speeches delivered on the Occasion of the Official Opening of the B.B.C.'s Hull Relay Station. *S.B. from Hull.*
9.45. Orchestra.
"Far Across the Desert Sands" *Woodforde*
"Where the Abana Flows" *Finden* (1)
"Beloved in Your Absence"
10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Topical Talk.
Local News.
10.30. Orchestra.
"Gavotte"
"Eastern Dance"
"English Dance" *Cyril Scott* (1)
10.45.—Close down.
Announcer: W. M. Shewen.

ABERDEEN.

- 3.30-5.0.—Popular Afternoon: Quartet. Feminine Topics. Foden Williams (Entertainer).
5.45-6.30.—CHILDREN'S CORNER: Sunshine Hour for Young and Old Kiddies.
7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
G. A. ATKINSON. *S.B. from London.*
Local News.
7.30-8.30.—Interval.
Everybody's Programme.
CATHERINE PATERSON (Mezzo-Contralto).
HUGH SPENCER (Bass).
THE WIRELESS ORCHESTRA.
8.30. Orchestra.
"In a Persian Market" *Ketelbey*
8.45. Catherine Paterson.
"O Peaceful England" *German* (1)
"My Dearest Heart" *Sullivan* (1)
8.55. Hugh Spencer.
"Simon the Cellarer" *Hatton* (1)
"To Music" *Schubert* (24)
"The Last Call" *Sanderson* (1)

STATION ADDRESSES.

MAIN.	
Addresses.	Telephone No.
ABERDEEN	17, Belmont Street 2298
BIRMINGHAM	195, New Street 299
BOURNEMOUTH	72, Holdenhurst Road 3469
CARDIFF	35, Park Place 4929
GLASGOW	262, Bath Street ... Douglas 1513
LONDON	2, Savoy Hill, W.C.2 Regent 6730
MANCHESTER	57, Dickinson Street ... City 9532
NEWCASTLE	25, Eldon Square ... Central 5895
RELAY.	
EDINBURGH	79, George Street ... Central 9595
HULL	26-27, Bishop Lane. Studio Address: 2, Albion St. Central 6138
LIVERPOOL	85, Lord Street ... Bank 5018
PLYMOUTH	Atherbeam Chambers, Atherbeam Lane ... 2281
SHEFFIELD	Messrs. Union Grinding Wheel, Corporation St. Central 4023
LEEDS-BRADFORD	19a, Wellington Street, Leeds 28131

- 9.5. Orchestra.
Selection, "Monsieur Beaucaire" *Messenger*
9.20. Catherine Paterson.
"Sea Wreck" *Harty* (4)
"Should He Upbraid?" *Bishop* (11)
9.30.—Speeches delivered on the Occasion of the Official Opening of the B.B.C.'s Hull Relay Station. *S.B. from Hull.*
9.45. Orchestra.
"Four English Dances" *Cowen* (11)
10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Topical Talk.
Local News.
10.30. Catherine Paterson.
"Non Pui di Fiori" ("Titus") ... *Mozart*
"O Love, from Thy Power" ("Samson and Delilah") *Saint-Saens*
10.40. Hugh Spencer.
"Qui sdegno" *Mozart*
"Si tra i coppi" *Handel*
10.50. Orchestra.
"Les Huguenots" *Meyerbeer-Tavan*
11.5.—Close down.
Announcer: H. J. McKee.

GLASGOW.

- 3.30-4.50.—The Wireless Quartette and Chapman Bayne (Tenor).
4.30-5.15.—TOPICS FOR WOMEN: Domestic Science Chats.
5.15-6.0.—CHILDREN'S CORNER.
6.0-6.5.—Weather Forecast for Farmers.
7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
G. A. ATKINSON. *S.B. from London.*
Local News.
7.30.—Mr. M. B. MULLIGAN on "Light Bait Casting."
7.45-8.0.—Interval.

A Night in the Country.

- JOHN MATHEWSON (Baritone).
BEATRICE EVELINE (Solo Violoncello).
CONSTANCE WILLIS (Contralto).
THE STATION ORCHESTRA.
Conducted by ISAAC LOSOWSKY.
8.0. Orchestra.
Overture, "Poet and Peasant" *Suppe*
8.10. John Mathewson.
"Silent Noon" *Vaughan-Williams*
"In Summertime on Bredon" *Graham-Peel*
8.20. Orchestra.
Selection, "A Country Girl" ... *Monckton*
8.35. Beatrice Eveline.
"Melodie" *Frank Bridge*
"Merry Harvesters" ... *Senaille-Salmon*
8.45. Constance Willis.
"A Summer Night" .. *Goring-Thomas* (1)
"Fairy Pipers" *Brewer* (1)
"The Wayfarer's Night Song"
Easthope-Martin (5)
8.55. Orchestra.
Suite, "From the Countryside" *Eric Coates*
John Mathewson.
9.5. "Come to the Fair" ... *Easthope-Martin* (5)
"When the Kye Comes Home" ... *Hogg*
"Corn Rigs" *Traditional*
9.20. Beatrice Eveline.
"To a Water Lily" *MacDowell, arr Klengel* (4)
"Butterflies" *Hamilton Harty*
"Idylle" *Ethel Barnes* (15)
9.30.—Speeches delivered on the Occasion of the Official Opening of the B.B.C.'s Hull Relay Station. *S.B. from Hull.*
9.45. Constance Willis.
"The Cup of Life" ... *Easthope-Martin* (5)
9.50. Orchestra.
Suite, "Woodland Pictures" ... *Fletcher*
10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Topical Talk.
Local News.
10.30.—Dance Music by HALL'S BAND, relayed from Gleneagles Hotel.
11.30.—Close down.
Announcer: Mungo M. Dewar.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 273.

WIRELESS PROGRAMME—SATURDAY (Aug. 16th.)

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

LONDON.

- 4.0.—Time Signal from Greenwich.
- A "Merry and Bright" Programme.**
FRANCES KENDALL (Soprano).
THE WIRELESS ORCHESTRA.
Conducted by DAN GODFREY, Junr.
March, "The Middy" *Alford*
Overture, "Pique-Dame" *Suppé*
- 4.10—"Silhouettes," by EMLY JACKSON.
- 4.20.—The Orchestra.
Waltz, "Destiny" *Baynes*
Selection, "The Little Michus" *Messager*
Intermezzo, "Flowers in the Wind" *Blon*
- 4.50.—Soprano Songs.
"April Morn" *Batten* (1)
"Philosophy" *Emmell*
"Ici Bas" *Guy d'Hardelot*
- 5.0.—The Orchestra.
Ballet Suite, "The Shoe" *Ansell*
Selection, "Lilac Time" *Schubert-Clutsam*
- 5.20.—Soprano Songs.
"Spring's Awakening" *Sanderson* (1)
"Daddy" *A. H. Behrend* (1)
"Blossom and Song" *Adair* (9)
- 5.35.—"Literary Workshops of Famous Men—
(1) Meredith's Châlet at Box Hill," by
CAROLINE BUCHAN.
- 5.45.—The Orchestra.
Selection, "The Tales of Hoffmann"
Offenbach
(Note: Intermediate Times given are
Approximate only.)
- 6.0-6.45.—CHILDREN'S CORNER: "Round
the Empire with Bob," Part 3, by
Winifred Wainwright. E. Le Breton
Martin on "Old Tales Re-Told" (6).
Uncle Kirkham on "The Common
Arum." Orchestra.
- 7.0.—TIME SIGNAL FROM BIG BEN.
WEATHER FORECAST and 1ST
GENERAL NEWS BULLETIN. *S.B.*
to all Stations.
Capt. F. A. M. WEBSTER, F.R.G.S.,
F.Z.S.: "The Limits of Record-Break-
ing in Athletics." *S.B. to other Stations.*
Local News.
- 7.30-8.0.—Interval.
- 8.0.—"Pot-Pourri" Programme.
THE "PACK OF CARDS" CONCERT
PARTY.
Directed by J. HORACE POTTER.
THE WIRELESS ORCHESTRA.
Conducted by DAN GODFREY, Junr.
The Orchestra.
March, "High School Cadets" *Sousa*
Overture, "The Yeomen of the Guard"
Sullivan
Valse, "Wood Nymphs" *Eric Coates*
The Concert Party.
An Original, Humorous and Musical Scene,
entitled
"THE BRITISH ISLES."
Written and Composed by J. Horace
Potter and Fred Jukes.
Introductory: An Excuse for Commencing.
Quality: "Westward Ho!" from Devon-
shire, with the Ace of Hearts.
Jollity: A Song of Cotton, suggesting
Lancashire, by the Ace of Spades.
Individuality: "Peeps Into the Past."
Recorded by the Ace of Clubs.
Harmony: "Three Nuns of Nuneaton,"
suggesting Warwickshire, sung by the
Queen and the Ace of Hearts.
Comedy: Rustic Revelry in Rural England.
Some Glimpses of "Country Life."
Brilliance: A Piano Phantasy on Old
English Airs by the Ace of Diamonds.
Melody: "Mayblossom," being a snatch
of English Springtime, sung by the
Queen.
Originality: A Scottish Soliloquy: "Waver-
ley," introduced by the Joker.
Novelty: "Honey, Do You Love Me?"
a Lover's Lay suggesting Everyshire.
Finality: An Excuse for Finishing.
At the Piano: F. R. JUKES.

- 9.10.—The Orchestra.
Suite, "Norwegian Scenes" *Matt*
Selection, "Rats" *Braham*
- 9.30.—The Orchestra.
S.B. to all Stations.
Valse, "Wood Nymphs" *Eric Coates*
"Melodious Memories" *Finck*
- 10.0.—TIME SIGNAL FROM GREENWICH.
WEATHER FORECAST and 2ND
GENERAL NEWS BULLETIN. *S.B.*
to all Stations.
Mr. ALLEN S. WALKER, on "Oxford."
S.B. to all Stations.
Local News.
- 10.30.—THE SAVOY ORPHEANS and SAVOY
HAVANA BANDS, and SELMA FOUR,
relayed from the Savoy Hotel, London.
S.B. to all Stations.
- 12.0.—Close down.
Announcer: J. G. Broadbent.

BIRMINGHAM.

- 3.30-4.30.—Dale's Dance Orchestra.
- 5.0-5.30.—WOMEN'S CORNER: O. T. Elliott,
F.R.M.S., of the Birmingham Natural
History and Philosophical Society, on
"Germs—Beneficial and Otherwise."
- 5.30-5.35.—Agricultural Weather Forecast.
- 5.35-6.30.—CHILDREN'S CORNER: Auntie
Phil and another "Snooky" Adventure.
- 6.30-6.45.—"Teens' Corner: Uncle Bonzo on
"East African Experiences."
- 7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
Capt. F. A. M. WEBSTER. *S.B. from*
London. Local News.
- Band Concert.**
- 7.30. THE CITY OF BIRMINGHAM POLICE
BAND.
Conductor: RICHARD WASELL.
Relayed from the Bandstand, Cannon Hill
Park.
MAY BLYTH (Soprano).
JOE LONGMORE (Entertainer).
NEVILLE BOSWORTH at the Piano.
Band.
March, "War March of the Priests"
Mendelssohn (1)
Symphonic Movement: Scherzo from Sym-
phony No. 4 *Tchaikovsky*
Songs.
"Sea Rapture" *Coates*
"Smile of Spring" *Fletcher* (11)
Band.
Hungarian Dance No. 5 in G Minor } *Brahms*
Hungarian Dance No. 6 in E Flat } (1)
Humorous Interlude.
"Shakespeare versus Real Life" *Grey*
Band.
Suite in E Flat *Holst* (1)
(a) Chaconne; (b) Intermezzo; (c) March.
Songs.
"The Jewel Song" ("Faust") *Gounod*
"The Perfect Prayer" *Day*
Band.
Selection, "Reminiscences of Grieg"
arr. Godfrey
Waltz, "Polar Star" *Waldteufel*
Humorous Interlude.
Burlesque, "Yeomen of England" *Baker*
Band.
Cornet Solo, "I Passed By Your Window"
Brahm
(Soloist: P. C. COOK.)
Overture, "Zampa" *Herold*
- 9.30.—Programme *S.B. from London.*
- 10.0.—WEATHER FORECAST and NEWS.
S.B. from London.
Mr. ALLEN S. WALKER. *S.B. from*
London.
Local News.
- 10.30.—THE SAVOY BANDS. *S.B. from*
London.
- 12.0.—Close down.
Announcer: J. C. Paterson.
- BOURNEMOUTH.**
- 3.45-5.15.—Ethel Rowland (Solo Pianoforte).
THE ROYAL BATH HOTEL DANCE
ORCHESTRA, relayed from King's Hall

- Rooms. (Musical Director: DAVID S.
LIFF.) Talks to Women: A Woman
Doctor on "Holiday Ailments."
5.15-6.15.—CHILDREN'S CORNER.
- 7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
Capt. F. A. M. WEBSTER. *S.B. from*
London.
Local News.
- 7.30-8.0.—Interval.
- "A Night of Memories."**
JOHN PERRY (Tenor).
HERBERT SMITH (Baritone).
THE WIRELESS ORCHESTRA
Conducted by
Capt. W. A. FEATHERSTONE.
Orchestra.
- 8.0.—"Reminiscences of England" *arr. Godfrey*
Herbert Smith.
- 8.15.—"Down Among the Dead Men"
17th Century
"Simon the Cellarer" *Hotton* (1)
John Perry.
- 8.20.—"Come into the Garden, Maud" *Bulfe* (1)
"My Pretty Jean" *Bishop* (1)
Orchestra.
- 8.30.—"A Hunting Scene" *Bucalossi*
Herbert Smith.
- 8.40.—"Vicar of Bray" *17th Century*
"The Village Blacksmith" *Weiss* (1)
"I'm a Fric of Orders Grey" *Reede* (1)
John Perry.
- 8.50.—"Kathleen Mavourneen" *Crouch* (1)
"Annie Laurie" *Scott, arr. Lehmann* (1)
Orchestra.
- 8.55.—Selection, "Meritana" *Wallace* (1)
Herbert Smith.
- 9.10.—"Heart of Oak" *Bayce* (1)
"The Bell Ringer" *Wallace* (1)
John Perry.
- 9.15.—"Sally in Our Alley" *Carey* (1)
Orchestra.
- 9.20.—Pot-Pourri, "Tangled Tunes" *Ketelbey*
- 9.30.—Programme *S.B. from London.*
- 10.0.—WEATHER FORECAST and NEWS.
S.B. from London.
Mr. ALLEN S. WALKER. *S.B. from*
London.
Local News.
- 10.30.—THE SAVOY BANDS. *S.B. from*
London.
- 12.0.—Close down.
Announcer: John H. Raymond.

CARDIFF.

- 3.0-4.0.—Falkman and his Orchestra, relayed
from the Capitol Cinema.
- 5.0-5.45.—"5WA'S" "FIVE O'CLOCKS"
Talks to Women. Vocal and Instrumental
Artists.
- 5.45-6.30.—CHILDREN'S CORNER.
- 6.30-6.45.—"Photography as an Art"—(VI).
- 7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
WILLIE C. CLISSITT, on "Sport of the
Week."
Local News.
- 7.30-8.0.—Interval.
- Popular Night.**
ALF PARKMAN (Bass).
WILL VAN ALLEN and OLLY OAKLEY
(Entertainers).
THE STATION ORCHESTRA.
Orchestra.
- 8.0.—March, "Phantom Brigade" *Myddleton*
"Slavonic Fantasia" *Schreiner* (6)
Selection, "Coppelia" *Delibes-Walton*
Alf Parkman.
"The Blacksmith" *D. D. Staley* (1)
"Content" *Needham*
Will Van Allen and Ollly Oakley,
In Humorous and Musical Interludes.
Orchestra.
Suite, "Lotus Land" *Morel* (22)
(1) "Mirage"; (2) "Arabesque"; (3) "A
Dance of Delight"; (4) "Song of
the Lotus Lily."

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 279.

WIRELESS PROGRAMME—SATURDAY (Aug. 16th.)

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

Alf Parkman.
 "The Wheel Tapper's Song" ... Charles (1)
 "Come to the Fair" Martin (5)
 Will Van Allen and Olly Oakley,
 In Humorous and Musical Interludes.
 Orchestra.
 Ballet Music, "Henry VIII" *Saint-Saens*
 (1) Introduction; (2) Idylle Ecossaise;
 (3) Danse de la Gipsy; (4) Gigue et
 Finale.
 9.30.—Programme S.B. from London.
 10.0.—WEATHER FORECAST and NEWS.
S.B. from London.
 Mr. ALLEN S. WALKER. *S.B. from*
London.
 Local News.
 10.30.—THE SAVOY BANDS. *S.B. from*
London.
 12.0.—Close down.
 Announcer: A. H. Goddard.

MANCHESTER.

3.15-4.0. BLACK DYKE MILLS BAND,
 relayed from the Municipal Gardens,
 4.10-5.0. Southport. (Conductor, ARTHUR
 O. PEARCE.)
 7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
 Capt. F. A. M. WEBSTER. *S.B. from*
London.
 Local News.
 7.30. Dance Night.
 THE GARNER-SCHOFIELD DANCE
 BAND.
 BEATRICE EVELINE (Solo Cello).
 DORIS BARROW (Soprano).
 KLINTON SHEPHERD (Baritone).
 Dance Band.
 Waltz, "Thro' the Night" (7); Fox-trot,
 "Suez"; Fox-trot, "Why Did I Kiss
 That Girl?" (31); One-step, "Well, I Am
 Surprised" (10).
 Doris Barrow.
 "June" Quilter (1)
 "Cuckoo Song"
 Beatrice Eveline.
 "Melodie" Frank Bridge
 "Butterflies" Hamilton Harty
 Klinton Shepherd.
 "As Ever I Saw" Peter Warlock
 "Ecstasy" Vivian Hickey
 Dance Band.
 Waltz, "Heather Bells" (31); Fox-trot,
 "The Electric Girl" (6); Fox-trot,
 "She Doesn't Like Ivy Now" (23);
 Laneers, "A Little Dutch Girl"; Waltz,
 "Tell Me Why" (19).
 Doris Barrow and Klinton Shepherd
 (Duet).
 "Allah Be With Us"
 A. Woodforde-Finden (1)
 Beatrice Eveline.
 Adagio Cantabile Tartini
 Chanson Grecque Seligmann
 Doris Barrow.
 "Big Lady Moon" ... Coleridge-Taylor (1)
 "Tiptoe" Mollie Carew
 Klinton Shepherd.
 "The Brightest Day" Easthope
 "Absence" Martin (5)
 Dance Band.
 Fox-trot, "Pasadena" (9); One-step,
 "Why Does a Chicken?" (10); Fox-
 trot, "When She's in Red" (10); Fox-
 trot, "Marie" (23); Waltz, "The
 Chocolate Soldier" (6).
 9.30.—Programme S.B. from London.
 10.0.—WEATHER FORECAST and NEWS.
S.B. from London.
 Mr. ALLEN S. WALKER. *S.B. from*
London.
 Local News.
 10.30.—THE SAVOY BANDS. *S.B. from*
London.
 12.0.—Close down.
 Announcer: H. V. Brennan.

NEWCASTLE.

3.45-4.45.—Station Light Orchestra.
 4.45-5.15.—WOMEN'S HALF-HOUR: Lena
 Biltcliffe on "Nursery Schools."
 5.15-6.0.—CHILDREN'S CORNER.
 6.0-6.30.—Scholars' Half-Hour.
 6.35-6.50.—Farmers' Corner: H. C. Pawson on
 "Agricultural Research" (11).
 7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
 Mr. R. E. RICHARDSON on "Gardening."
 Local News.
 7.30. FODEN WILLIAMS (Entertainer).
 "Charlie Gets There Every Time" } Foden
 A Satire on Modern Revue. } Williams
 "How Time Flies" Weston and Lee (7)
 7.50-8.0.—Interval.
Musical Tournament Winners' Evening.
 NORAH WIGGINS (Soprano) (1st Prize
 Open Soprano Class).
 JENNIE TOWNSLEY (Solo Pianoforte)
 (Tied 1st Open Pianoforte).
 NORMAN CURRY (Baritone) (1st Prize
 Open Baritone).
 JOHN BOSWELL (Solo Cornet) (1st Prize
 Open Cornet).
 8.0. Pianoforte Soli.
 Corrente Frescobaldi
 Andantino ed Allegro Rossi
 Toccatas in G Bach
 Soprano Songs.
 "O Lovely Night" Ronald (5)
 "The Owl" Lehmann (1)
 "The Wood Pigeon"
 Cornet Solo.
 "Legend" Orlando Morgan
 Baritone Songs.
 "The Little Admiral" Stanford (14)
 "Across the Blue Sea" Somerset (5)
 Pianoforte Soli.
 Prelude No. 4, Op. 23, in D Major
 Rachmaninov
 Impromptu Op. 90, No. 4 Schubert
 Humoresque Shaw
 Soprano Songs.
 "My Heart is Like a Singing Bird"
 Parry (11)
 Waltz Song ("Tom Jones") German
 Cornet Solo.
 Selected.
 Baritone Songs.
 "Prince Ivan's Song" Allitsen (1)
 "Requiem" Horner
 Pianoforte Solo.
 "Ave Maria" Liszt
 9.30.—Programme S.B. from London.
 10.0.—WEATHER FORECAST and NEWS.
S.B. from London.
 Mr. ALLEN S. WALKER. *S.B. from*
London.
 Local News.
 10.30.—THE SAVOY BANDS. *S.B. from*
London.
 12.0.—Close down.
 Announcer: W. M. Shewen.

ABERDEEN.

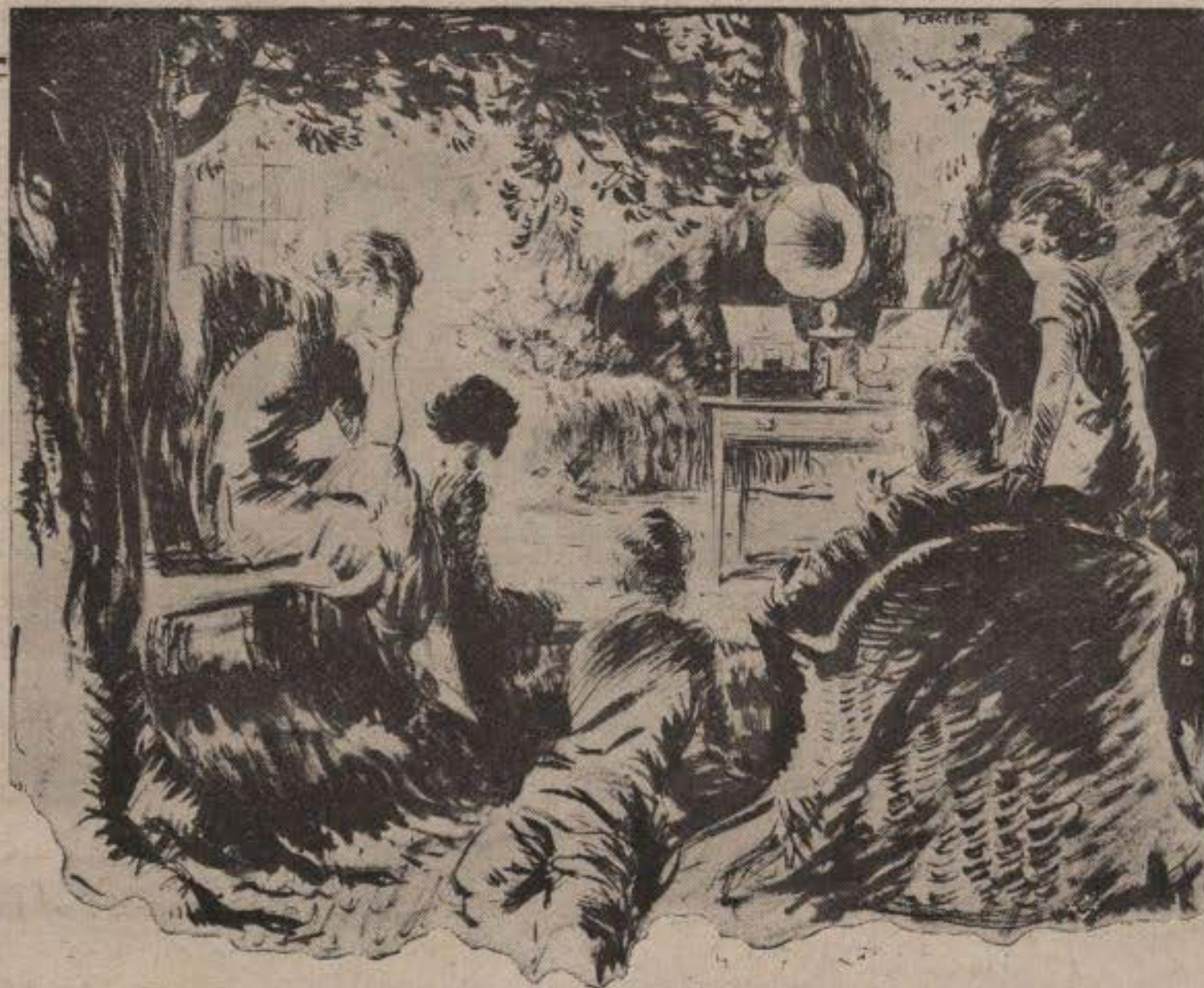
3.30-5.0.—Schumann Afternoon.
 5.0-6.0.—CHILDREN'S CORNER: "The
 Fairy Raspberries." *S.B. to Glasgow and*
Edinburgh.
 7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
 Capt. F. A. M. WEBSTER. *S.B. from*
London.
 Local News.
 7.30-8.0.—Interval.
 8.0.—This Week's Interesting Anniversary:
 "Sir Walter Scott, born August 15th,
 1771." Prepared by JOHN SPARKE
 KIRKLAND.
An Hour of Song.
 CONSTANCE WILLIS (Contralto).
 ALEXANDER McCREDIE (Tenor).
 Constance Willis.
 8.30. "Ritournelle"
 "Come, My Love, to Me"
 "The Bird's Noel"
 "Blue Eyes"
 Chaminade (5)

8.45. Alexander McCredie.
 "Onaway, Awake, Beloved"
Coleridge-Taylor (11)
 "To Mary" White (1)
 "One More" Somerset (11)
 "La Donna è mobile" ("Rigoletto"). Verdi
 9.0. Constance Willis.
 "Since My Eyes Have Seen
 Him"
 "Chide Thee Not"
 "The Hidalgo"
 Schumann
 9.15. Alexander McCredie.
 "Flower Song" ("Carmen") Bizet
 "Questa o Quella" ("Rigoletto") ... Verdi
 9.30.—Programme S.B. from London.
 10.0.—WEATHER FORECAST and NEWS.
S.B. from London.
 Mr. ALLEN S. WALKER. *S.B. from*
London.
 Local News.
 10.30.—THE SAVOY BANDS. *S.B. from*
London.
 12.0.—Close down.
 Announcer: A. M. Shinnie.

GLASGOW.

3.30-4.30.—The Wireless Quartette and W. F.
 Cornelius (Solo Dulcimer), Selections of
 Scotch and Irish Airs.
 4.45-5.0.—TOPICS FOR WOMEN.
 5.0-6.0.—CHILDREN'S CORNER. *S.B. from*
Aberdeen.
 6.0-6.5.—Weather Forecast for Farmers.
 7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
 Capt. F. A. M. WEBSTER. *S.B. from*
London.
 Local News.
 7.30-7.50.—Interval.
 7.50-8.0.—Radio Society (Glasgow) Talk.
Dance Night.
THE STATION ORCHESTRA.
 Conducted by ISAAC LOSOWSKY.
 Vocal Numbers by DANIEL SEYMOUR.
 8.0. Orchestra.
 Fox-trot, "Very Good, Very Nice, Mr.
 Mackenzie" (23); Fox-trot, "Why Did
 I Kiss That Girl?" (31); Waltz,
 "Three O'Clock in the Morning" (23);
 Fox-trot, "Don't Love Me"; One-step,
 "Cheerio" (31); Fox-trot, "Alabama
 Blacksheep" (6); Fox-trot, "Dancin'
 Dan" (6); Blues, "My Sweetie Went
 Away" (6); One-step, "Wembling at
 Wembley with You" (6); Fox-trot,
 "Does the Spearmint Lose its Flavour?"
 (6); Waltz, "Heather Bells" (31);
 Fox-trot, "How Can You Tell a Winkle?"
 (32); Blues, "The Cat's Whiskers";
 Eightsome Reel, "5SC'S Special";
 One-step, "La, La, La" (6); Fox-trot,
 "Arcady" (7); Fox-trot, "O Sister,
 Ain't that Hot?" (6); Waltz, "Zuyder
 Zee" (32); Fox-trot, "Down on the
 Farm" (31); Blues, "If I Can't Get the
 Sweetie I Want" (3); Fox-trot,
 "Ghosts" (23); One-step, "I Love
 Me" (9).
 9.30.—Programme S.B. from London.
 10.0.—WEATHER FORECAST and NEWS.
S.B. from London.
 Mr. ALLEN S. WALKER. *S.B. from*
London.
 Local News.
 10.30.—THE SAVOY BANDS. *S.B. from*
London.
 12.0.—Close down.
 Announcer: Mungo M. Dewar.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 279.



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THE CHILDREN'S CORNER. CONDUCTED BY UNCLE CARACTACUS

How Our Big Ships Grew Up.

HULLO, CHILDREN!

I love big ships, don't you? Well, here is a jolly talk all about them by someone who has lots of interesting things to tell us. He is Mr. W. J. Bassett-Lowke, of whom most of you—all the boys, I'm certain—have heard.

I am going to tell you all about the early days of steam ships and how they grew up from the first small craft to the great Atlantic liners of the present day.

Many unsuccessful attempts were made for about a century to propel ships by means of steam before James Ramsay, in 1786, built one which actually travelled at four miles an hour up stream.

In 1807, John Stevens, in the United States of America, launched a paddle-wheel steamer, called the *Phoenix*, which went in a gale from New York to Delaware, and afterwards plied as a passenger steamer on that river. In 1812, the *Comet*, a little steamer designed by Henry Bell, started to ply as a passenger boat regularly between Glasgow and Greenock. Her speed was about five miles an hour. She proved profitable to work, and other steamboats quickly followed upon the Clyde and other rivers.

After this the steamship industry on the banks of the Clyde rapidly developed. Regular cross-channel services were soon established between Greenock and Belfast, Holyhead and Dublin, and soon afterwards between Dover and Calais.

"Old Smoke Jacks."

By this time steam was becoming to be considered seriously as a rival to sails. But paddle

steamers were regarded by the sailors with scorn and contempt and called "dirty old smoke jacks." Except for a few vessels built for cross-channel and river purposes, the steamers of the first part of the last century continued to rely principally upon sails, partly because the skippers had always been accustomed to sails and partly because the furnaces

of the Suez Canal in 1870, and improvements in the engine, gave steamships such a huge advantage over sailing ships that they steadily became larger and greater in number as the sailing ships dropped out of use.

Quite early in the last century, experiments were made in the building of iron steamers. Many people who did not understand ship-

building, of course, declared that they would sink immediately, or if they ran ashore they would break up, and it was only with great difficulty that the prejudice against the use of iron was overcome. Its advantages are, of course, very great, for it possesses great strength with lightness. Wood has to be nearly as heavy as its cargo to have sufficient strength, whilst iron—and steel even more so—can carry twice its own weight.

In 1902 turbine engines were fitted to passenger steamers on the Clyde, and were found so successful that in 1905 they were applied to the transatlantic service.

Wonderful "Floating Hotels."

The enormous strides which have been made since steam was first applied to the driving of ships are bewildering to think about. It seems quite funny to compare the little steamboat *Charlotte Dundas*, which was a queer-looking little tub, with a clumsy paddle-wheel and tall chimney puffing out a great deal of black smoke, and a modern transatlantic liner, towering immensely high above the quayside like a floating hotel, with her swimming baths, garden lounges, and restaurants. And yet it has all been done in less than 120 full years.

The horse-power of Bell's *Comet* was about three. The horse-power of the liner *Majestic* is 100,000. The *Comet* with her improved engines travelled at six knots an hour. The *Majestic* can make over twenty-six knots an hour; whilst destroyers and some motor-boats can make forty knots an hour. The *Comet* was 40 feet long and 10½ feet in beam; the *Majestic* is 955 feet long and 100 feet in beam.

Until two or three years ago, nothing but coal was used as fuel in ships. To-day nearly all steamers of any size built use oil for propulsion, and a great many of those already built, including all the largest liners, have been converted so that they may use it.

The main advantages of oil fuel are the increased speed which it gives, cleanliness, and a great saving of time, space, and labour.

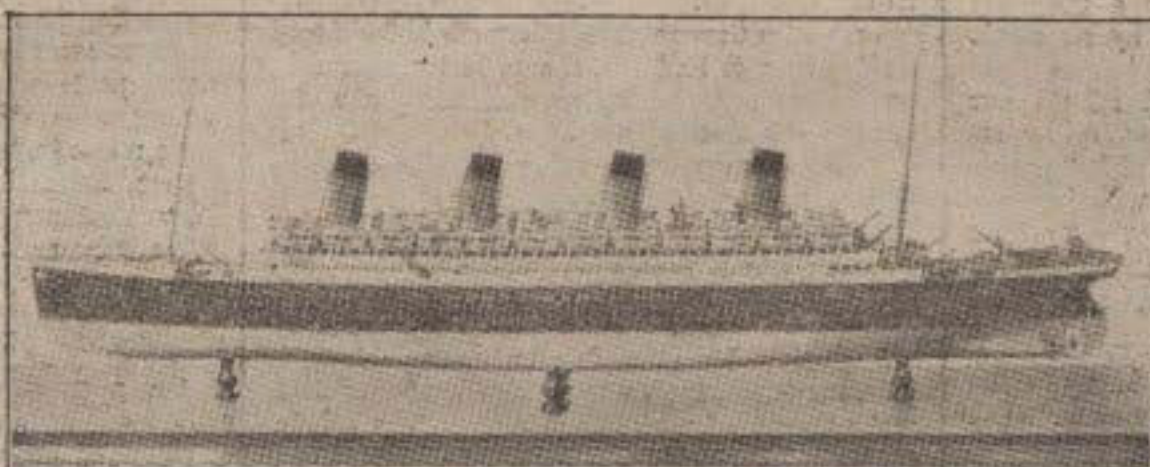
(Continued from the previous column.)

cheeks bulging; but, except that they did not keep step well, they managed very nicely.

Of course the men were superb. They had been at the War, and they knew all about it. You could tell that. Their line was as straight as a ruler; their faces were set and solemn; their arms swung out together; and when their little commander roared "Eyes—Right!" their faces turned like clock-work.

When they had all got back to the places from which they started, "Halt!" cried the Sergeant in a staggering voice. "Dismiss!"

And in a twinkling, Primrose Court was full once more of laughter, disorder and sunshine, out of which somebody cried "Three cheers for the General!" Sabo looked very pleased.



Model of the White Star Liner "Olympic."

consumed a great deal of coal, and the space for coal in those first ships was limited.

The Canadians must be given the credit of having built the first transatlantic steamer. This was the *Royal William*, which crossed from Quebec to London in seventeen days in 1833. In 1838, however, an English steamer, the *Great Western*, made the voyage across the Atlantic in fifteen days. She was a paddle steamer 236 feet long and 35 feet in the beam.

Screw propellers were invented somewhere about 1838, and seventeen years later a shipping company obtained permission from the Government to fit the mail steamers with propellers. After this the paddle-wheel rapidly disappeared from sea-going boats.

The introduction of propellers, the opening

With a smile, just like a General, Sabo replied easily, "Carry on, Sergeant," as if he had been an officer in the Fusiliers all his life!

For the next few minutes Primrose Court was in confusion. Everybody was laughing, talking, jiggling and jogging, at the same time. But the Sergeant got them into something like order. The wee children, the toddlers, came first, and they were No. 1 Company; a little space behind them, the boys formed No. 2 Company; then the girls, No. 3 Company; next the women, No. 4 Company, and last of all the men.

At the very head of all was the Band. It consisted of one man who played the concertina, and he formed a line all by himself; behind him, three boys with tin whistles, and then three other boys with mouth-organs. The drummer-boy stood in the middle of the Court.

Then the Sergeant, putting his swagger-stick through his arm, shouted in his loudest voice, "Shun! Quick—march!" The drum beat time, and the Band struck up.

They marched, four abreast, round the court; and when the toddlers, who were No. 1 Company, came nearly opposite to where Sabo was standing as stiff as a poker, its commander shouted "Eyes right!" Some looked right, some left, some in front of them, some behind them; but they kept their line well, and made a pretty sight. No. 2 Company did better, but the girls were inclined to giggle.

The women, coming on behind them, all looked as if they were ready to burst with laughter, with their lips pressed tight and their

(Continued at the foot of the next column.)

SABO AND THE MARCH PAST.

By E. W. LEWIS.



ALTHOUGH many of the children who lived in Primrose Court had dirty faces and ragged clothes, they were a jolly crew. Among them, a company of small boys

who, with belts round their waists and paper hats on their heads, carried wooden swords and played at being soldiers.

Sabo was a great favourite with these boys, and he often used to watch them drilling from the doorstep of Liza's home. Sometimes they would march past the place where Sabo was, and their little Sergeant would rap out the command, "Eyes right!—Eyes front!" as the line went by. So Liza taught Sabo how to take the salute, Madge Merriless (who was clever with her fingers) made him a military cap of brown paper, and the boys dubbed him General Sabo of the Primrose Fusiliers.

Then, one day, Private Binks said to the Sergeant: "Let's have a review! Get the whole lot in! Let's form 'em into companies and march 'em past the General."

So the Sergeant went up to Sabo, and saluted: "Sir!" he said, "Primrose Court will march past, by companies."

What is Your Favourite Colour?

A Talk from London, by R. A. Wilson, A.R.C.A.

COLOUR plays a far greater part in our lives than we are inclined to believe, and we owe more to it in health, usefulness, and pleasure than we think. Many great minds have been occupied with its beauty, power, and mystery right down the ages.

The devotional use of colour in the Church, by means of pictures, decorations, stained-glass windows, ceremonies, and processions, reinforced by music, has always had a profound influence for good on the people by its direct emotional appeal.

That colour is emotional and affects our feelings can be gauged by such everyday remarks as "feeling blue," "in the pink," "purple with rage," "seeing red," "green with jealousy and envy," "in a brown study," "golden opportunities," "white with passion," "the outlook is black," "a grey temper," and so on.

Sir Isaac Newton's Theory.

All natural colour can be summed up in the rainbow, and indoors in the spectrum or band of coloured light produced by allowing a ray of light to pass through a prism, which splits up the white light into its constituents, red, orange, yellow, green, blue, and violet, red having the longest wave-length and violet the shortest. Most minds now jump to Sir Isaac Newton, just as they may have thought of Turner, the English painter, when artists and colour were mentioned.

Since, and, no doubt, before, the advent of Noah's Ark, the rainbow has been visible in the heavens, when the sun shining brilliantly on falling rain was refracted through and reflected from the drops; but Sir Isaac was a scientist as well as a poet, so he sought a reason for the cause, and his theory that the sun's light is not homogeneous, but consists of several different kinds of light, may be found in all text-books on the subject, and is known as the phenomenon of dispersion.

A Terrifying Thought.

According to the "undulatory" theory, light from a luminous source is transmitted to the eye by means of the luminiferous ether, a highly elastic fluid supposed to pervade all space. Light proceeds in straight lines—that is why we cannot see round a corner—and travels at the prodigious velocity of 192,500 miles per second, but I believe some of this is now being upset by what Einstein has to say.

Since Newton's day, the subject has grown enormously in importance, and people of all countries, trades, and professions study and use colour in various ways, or are interested in it in some degree. Imagine what a surprise we should receive if we awakened one summer's morning to find all colour combinations, varieties, and contrasts removed from the world, everything turned one monotonous dull yellow; the sky, grass, trees, water, fire, costumes and wearing apparel, our faces, etc.! The very thought is terrifying, yet I have heard people say they are not interested and it means nothing to them.

How to Study the Subject.

How can we begin the study of colour? By starting with the spectrum band, and realizing that it can be dealt with intellectually.

Select three primary colours, red, yellow, and blue, from our spectrum, match them in pigment, and they form the foundation of a colour diagram, from which secondary colours, orange, green, and violet, may be derived. In all, we can produce twelve colours, arranged in a circle like a clock face, yellow being at 12 o'clock, blue at 4, and red at 8, which have each certain qualities and emotional characteristics as follows:—

Ruby Red: The colour of wine, rhododendrons, and the red-red rose, is passionate, energetic, irritating, dangerous, and inhuman. It signifies fire, divine love, heat, and the creative power of man. Used in a bad sense, it signifies blood, war, hatred, and punishment.

Scarlet Red-Orange: The colour of ripe cherries, is vigorous, determined, and triumphant, reminding one of strong, harsh ringing trumpet sounds.

Vermilion Orange: The colour of old-fashioned sealing-wax, is brilliant, sharp, bitter, sarcastic, and rather fierce in feeling, reminding one of a somewhat conceited man.

Yellow-Orange: The colour of ripe oranges, is positive, assertive, forward, and masculine. It is the symbol of the sun, and is expressive of warmth, fruitfulness, and wealth.

Yellow for Traitors.

Lemon Yellow: Sulphur buttercup colour, is pale, luminous, active, and naive, rather egoistic and never profound. It is a vivacious colour, somewhat disturbing, reminding one of childhood. Pale yellow is frivolous. A dirty greenish yellow vulgarly means inconstancy, jealousy, and deceit. Judas was clothed in dirty yellow, and in France doors of traitors were daubed with yellow.

Yellow-Green: The colour of unripe apples, is fresh, hopeful, springlike, and bountiful, denoting memory and the active reproduction of the earth, when the sap rises. It is youthful, happy, and prosperous, and is the symbol of the "Resurrection," and emblematical of hope in immortality.

Restful, but Wearisome.

Baize Green: The standard old-fashioned billiard-table colour, is comfortable, calm, still, motionless, and flaccid, suggesting earthly contentment and rest after the storms of winter and productive energy of spring. It is self-satisfied, immovable, narrow, and tends to become wearisome.

Turquoise Blue-Green: Cold emerald colour, is rich, sonorous, eloquent, and confident, reminding one of rich, powerful chords of music. It is aesthetic and sophisticated, not naive.

Peacock Blue: Thirteenth-century stained-glass royal blue, is cool, passive, and shadowy, denoting truth, constancy, and fidelity. It is the typical heavenly colour, and signifies supernatural rest, tranquillity, intelligence, and divine contemplation. Pale blue is innocent, credulous, timid, and lacks depth.

"Poetical" Violet.

Lapis Lazuli Blue-Violet: Ultramarine blue colour is reticent, shy, modest, shrinking, and distant, profound and sympathetic, and in low luminosity transmits emotions of melancholy and sadness, sometimes grief that is hardly human.

Cold Amethyst Violet: The colour of the bluest of wild wood violets, is sad and ailing, penitent, constant, meditative, and thoughtful, suggesting old age. It is a very "poetical" colour. In Christian art it is worn by martyrs.

Heliotrope Purple Red-Violet: Magenta and petunia colour, is regal, pompous, majestic, stately, dignified, and sometimes bombastic. It suggests controlled passion.

White symbolizes virginity, joy, and spotless purity.

Black denotes finality, a totally dead silence with no possibilities, grief, and death. In art it has always been the effective instrument of obscurity, depth, and the terrible, and in literature it has been employed ideally in designating the dismal, tragic, horrible, and the criminal.

Wireless Wit at Sea.

Amusing Incidents Aboard Ship.

THE stringent regulations imposed by the Postmaster-General do not allow humour, with its possible waste of time, to intervene in the exchange of wireless messages at sea. Nevertheless, humorous incidents are met with at times, and help to brighten dull moments.

It is the general custom for warships, when nearing their destination, to send a wireless message to the Commander of the Port, requesting permission to enter. In reply to one of these messages, the commander of a certain naval port—who must, at the time, have been dining with the chaplain—sent: "Received your message," then followed some figures and letters, indicating a chapter and verse of the New Testament. Upon looking it up, the following words were found at the place indicated: "Come, for all things are now ready."

Slightly Confused.

On a passenger liner inquiries as to how the machine works are quite common. One woman of an unusually inquiring mind had expressed dissatisfaction with the usual few words of explanation, and wanted full details. The operator, being very keen about his job, plunged into a varied explanation, lasting an hour or so. The fair inquirer seemed to take an intelligent interest in it all and asked numerous questions. Then, when the operator had quite exhausted his store of knowledge, he asked whether she quite understood how it all worked. "Yes," was the reply, "except that I don't quite understand how the piece of paper gets from one ship to the other."

Dearer Than He Thought.

It is remarkable how little some of the travelling public know about sending a wireless message. The following instance is quite typical. One day—the ship being just off Alexandria—a young man entered the wireless room and asked for a message form, and wrote a message, twenty words in length, addressed to someone in London. Handing it to the operator, he said: "That will be one shilling and eightpence, won't it?" apparently thinking that wireless messages could be sent at the rate of a penny per word. He was immediately informed that the total cost was £1 16s. 8d. At the mention of this sum the message was immediately cancelled—somewhat indignantly—by the would-be sender, who seemed to think that the operator was making a 50 per cent. commission.

The Mysterious Voice.

Some years ago, when wireless telephony was very little used, the captain of a certain cargo boat was very keen to hear someone speaking by wireless—probably he was sceptical of it being possible. He asked his wireless operator to let him know when he heard any telephony, as he would like to listen to it.

A few days later the operator heard some speech in the telephones, not clear enough to hear what was said, but it undoubtedly was someone speaking. He immediately sent for the captain to come and listen to it. The captain—no longer sceptical—was visibly impressed. The next day the operator again heard someone talking, this time more clearly, and distinctly recognized the third mate's voice.

He thereupon made judicious inquiries, and found that the telephone from the bridge to the engine-room, was earthing, thus causing it to be heard in the wireless receiver. Of course, he never told anyone of his discovery, least of all the captain! F. A. COBB.

The Power of Words.

Radio and Our Language. By A. P. HERBERT, The Famous Humorist.

I AM not, I confess, a wireless "fan," or even a constant listener. But a man would be a fool for whom so great and novel a force had no interest, and among the remote possibilities in the wireless future is one that interests me very much. It is a curious thought that this new instrument, denounced by many of the cultured ones and lovers of literature as merely another mechanical barbarity, more deadly than the Cinema, corrupting the public taste, ruining the Drama, and so forth, may yet do an artistic or literary service which nothing else can do—and that is, the restoration to power and beauty and popular appreciation of that neglected English possession, the English language.

The ground of this fantastic suggestion is simple and obvious enough—that Broadcasting is the one form of public entertainment which (apart from its musical side) depends entirely upon words, naked, unsupported words.

The comparison, of course, is with the film, and with the stage.

The Broadcasting of Plays.

I do not know what the B.B.C. have done recently in the "dramatic" way; but I was present at the first presentation of wireless "plays" produced by Mr. Nigel Playfair, and was privileged to contribute a small sketch myself. This, and, I believe, Mr. Richard Hughes's very much more substantial piece, *A Comedy of Danger* (the scene of which was a flooded coal-mine), was written specially for broadcasting purposes; and I am sure that this will eventually become the rule. I say this with the more certainty, having also heard works written for the stage "adapted" for the wireless.

A new movement must, of course, do the best it can with what material it can find, and there will always be a tendency at first to borrow from other fields which are in some respects similar, forgetting the points of difference. Thus, for more years than one would have believed possible, the film world religiously took the most successful novels it could find and turned them laboriously into the most unsuccessful films. They knew very well that screen-acting and stage-acting were different things; but for some reason they persisted in the illusion that what went well in a book must go well in a film. They have learned their lesson now. The Broadcasters, I fancy, have learned it quicker, for there are signs that they realize that in their case, too, the points of difference between a stage-play and a wireless entertainment are more important than the points of resemblance.

"A Sense of the Stage."

For one thing, the audiences are different. I do not mean any casual difference of class or intelligence, but the permanent difference that the stage-author is addressing himself to a crowd, and the wireless author to an individual. And everyone knows that in these two cases a man must behave very differently.

Someone may murmur: "What about the loud-speaker?" But even if loud-speakers become more efficient and popular than they are at present, I think this difference will remain important. At any rate, the man in his parlour with the 'phones clamped on his head is not in the position of a man in the stalls; he is more in the position of a man reading a book. He is subject to none of those mysterious ticklings and crude collective processes of mind which govern a member of an audience; he is using only his own preference and taste; he is at once more easy and more difficult to deal with—on the whole, I think, more difficult.

A man, however good a writer he may be, however moving or poetical or humorous his books, however ingenious his plots, will not be successful in the theatre unless he has as well that indefinable something which is called "a sense of the stage," a sense of the particular things which can be done on the stage, and even more, perhaps, of the things which can't.

A Wireless School of Drama.

It is the lack of this sense which makes so many good novelists bad dramatists, even those who in their books write lively and effective dialogue. Whenever a young man makes any kind of success with any kind of writing, his friends immediately remark: "You ought to write a play"; and, if the advice is taken, are sometimes surprised that the result is not satisfactory.

Writing a play is not merely a different method of writing; it is, as a rule, the product of a different sort of mind. But "sense" is, after all, the best word, because the thing is so indefinable and elusive. We all have read plays which were most excellent to read, but, presented on the stage, seemed to have no life; and there are



HIGHBROW STUFF.

(Drawn by Bert Thomas.)

plays which read badly, but miraculously come to life on the stage. And this is the mysterious quality which comes from a "sense of the stage."

Now, I do not see myself that this "sense" will be essential to the wireless author of the future. It may be that some yet unsuspected "sense" will be suddenly revealed, and ever afterwards demanded—a kind of new "sense of the air." Some Barrie, some Chaplin, may be discovered with the unexpected capacity of a genius for making the most of the new medium and going straight to the affection and intelligence of the wireless audience. But, meanwhile, it seems to me that, if they are to take it, there may be here an opportunity for the good author who is attracted by the dramatic form, but lacks that something which the stage requires.

He may be all the better for that. For there may be evolved a wireless school or type of drama which will be quite different from the other. Indeed, I think there must be. For one thing, though there must always be movement, development, and action of a sort, the wireless play must obviously have less "action," and almost no "action," as it is commonly understood to-day.

In the production of Mr. Hughes's mine-play, immense trouble was taken to represent realistically by the reproduction of various noises the approach and development of the disaster—

the explosion, the rushing of the flood-water, the hammering of picks, and so forth. It was done as well as it could be, but it was not, I thought, the most successful part of the production; far more effective in calling up the desired picture were the words of the author and the voices of the actors, the silences, the whispers. And I fancy the general effect would have been no less powerful if the noises had been omitted.

Which brings me to the second and, in my view, the interesting point—the importance of words. Anyone who has seen *The Way of the World* at Hammersmith will realize what I mean by the importance of words. He has enjoyed there a feast of language, the sheer beauty of words, precision, grace, style, delicacy, wit, a perfection of form that charms and conquers, whatever the material on which it works; and in that play the plot is unintelligible and tedious, and the action that matters is not extensive. It is the words which make the play.

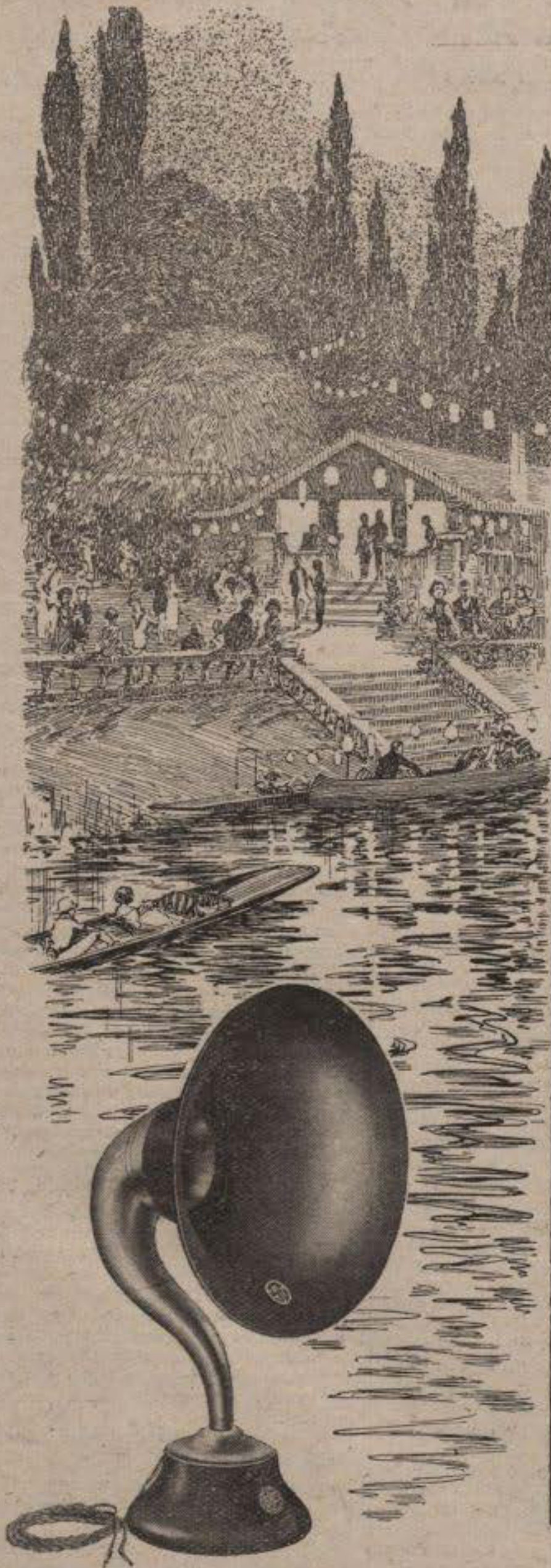
An Author's Weapons.

Now, with the exception of Mr. Shaw and the D'Oyly Carte companies, this quality, this magic use of words, has quite gone out of our entertainments to-day. The film has done nothing for the language except to corrupt it. Even in *A Woman of Paris*, which in other respects made a great advance in the film-drama, the words were often as irritating and silly as one has learned to expect, and always below the level of the rest of the production. And the "legitimate" stage is not without offence in this respect. Two enlightened managers have complained in my hearing how many actors and actresses there are (and even at the top of the profession) who regard the language of a play as a secondary affair, and sometimes behave as if an author's choice of words were a matter of chance and his attachment to them caprice.

"What is the Stage to do?" you say. "We have no Congreves now, and no Gilberts, no masters in the fine use of words, so they have to make shift with other things." And, whether it is necessary or not, this, in fact, is what they do. There are a multitude of attractions now to be offered in the place of words—dancing and spectacle, fine scenery, pretty girls, dazzling dresses, elaborate lighting, dance-tunes, revolvers, detectives, dark-rooms—and many others. But here comes the new invisible wireless stage, on which, with the exception of music, none of these additional aids is available. No scenery to charm the eye, no pretty girls to bribe the intelligence. The author is thrown back at last upon his original and natural weapons—words, naked words. And with these slender resources he must do the best he can. With these, to begin with, he must construct a new technique, in the narrow sense—new ways of presenting the picture of his scene, of working his entrances and exits, his preparation, climax, and all the rest of it.

The Arts of Language.

But this is only incidental. His real problem is a greater and a more inspiring one—and that is, how can he so revive and inflame and magnify the only force at this command, the power of words, that he will be able to grip and hold the solitary man with the 'phones upon his head as if that man were sitting in a theatre with the crowd? This problem will be attacked in the end, I have no doubt, and conquered; and the method, and the result, must surely be a new devotion to the arts of language, to grace and style, and to perfection of form.



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2166



Hull Programme.

FRIDAY, August 15th.

OPENING CEREMONY.

- MIRIAM LICETTE (Soprano).
 NORMAN ALLIN (Bass).
 CHARLES PENROSE (The Mirth Maker).
 THE BAND OF 1ST BATTALION THE
 DURHAM LIGHT INFANTRY:
 Bandmaster—S. F. FRICKER.
 (By kind permission of Lt.-Col. A. E.
 IRVINE, C.B., C.M.G., D.S.O.)
- 8.0. Band.
 Imperial March Elgar
 Overture, "William Tell" Rossini
 Norman Allin.
 Recit. and Air, "She Alone Charmeth My
 Sadness" ("The Queen of Sheba")
 Gounod
 "Old Clothes and Fine Clothes"
 Martin Shaw
 "The Yeomen of England" ("Merrie
 England") German
- 8.30. Charles Penrose will Entertain.
 8.40. Band.
 "Marche Slave" Tchaikovsky
 8.50. Miriam Licette.
 Aria, "Vissi d'Arte" ("Tosca")... Puccini
 "Go Not, Happy Day" ... Frank Bridge
 "Sometimes in My Dreams"
 Guy d'Hardelot
- 9.5. Band.
 Suite, "Irish Pictures" Ansell
 Zylophone Solo, "Sparks" Alford
- Opening Speeches.**
 S.B. to all Stations.
- 9.30.—Time Signal from Big Ben.
 REAR-ADMIRAL C. D. CARPENDALE,
 C.B. (Controller, B.B.C.).
 THE LORD MAYOR OF HULL.
 9.45. Band.
 Selection, "Faust" Gounod
- 10.0.—WEATHER FORECAST and NEWS.
 S.B. from London.
- 10.10. Band.
 Selection, "Merrie England" German
 God Save The King.
- 10.30.—Close down.

SATURDAY, August 16th.

- 5.0-6.0.—CHILDREN'S CORNER.
 7.0-12.0.—Programme S.B. from London.
 Announcer: L. B. Page.

WAVE-LENGTHS AND CALL SIGNS.

Station	Wave-length	Metres
ABERDEEN (2BD)	495	Metres
BIRMINGHAM (5IT)	475	"
GLASGOW (5SC)	420	"
NEWCASTLE (5NO)	400	"
BOURNEMOUTH (6BM)	385	"
MANCHESTER (2ZY)	375	"
LONDON (2LO)	365	"
CARDIFF (5WA)	351	"
PLYMOUTH (5PY)	335	"
EDINBURGH (2EH)	325	"
LIVERPOOL (6LV)	318	"
SHEFFIELD (6FL)	303	"
LEEDS—	346	"
BRADFORD } (2LS) {	310	"

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"The Radio Times," the official organ of the British Broadcasting Company, Ltd., is concerned solely with broadcasting programmes, and the technical problems relating to their transmission.

Pieces in the Programmes.

A Weekly Feature Conducted by Percy A. Scholes.

"MIDSUMMER MADNESS."

(London, Monday. S.B. to all Stations.)

THE designation of *Midsummer Madness* is "a Play for Music." This, in fact, together with the title, sums up the piece. The plot is fanciful, and full of humour. The music is not continuous, but consists of set solos, duets, trios, quartets and "melodrama," or spoken dialogue with musical accompaniment.

THE AUTHOR AND THE COMPOSER.

The play is by CLIFFORD BAX, one of our younger playwrights, who has written, in addition to several small plays, more than one libretto, including the modern version of *The Beggar's Opera*.

ARMSTRONG GIBBS, the composer of the music, has already written (in addition to chamber music and songs) the incidental music to Maeterlinck's *Betrothal*, and a comic opera, *The Blue Peter*, which was broadcast from London last March.

SUMMARY OF ACTS I. AND II.

There are only four characters:—

PANTALOON, a middle-aged Merchant (Baritone).

HARLEQUIN, a young Scholar (Tenor).

MRS. PASCAL, a Widow, aged 32 (Contralto).

COLUMBINE, Maid-servant at *The Blithe Heart* (Soprano).

The whole plot is concerned with the satisfactory pairing-off of these four. This would have been perfectly simple had not Harlequin found attractions not only in Columbine but also in the widow. Hence arise complications. In his perplexity Harlequin rushes out (at the end of Act II.) leaving the other three stupefied.

ACT III.

An indication of the musical numbers will be sufficient guide to the Third Act (which is not to be submitted to close reasoning!):—

(1) A fairly long INTRODUCTION foreshadows much of the music of the Act.

(2) TRIO, COLUMBINE, MRS. PASCAL and PANTALOON, the women deploring the loss of their loved one, Pantaloon deploring the state of the Stock Exchange.

(3) DUET, COLUMBINE and MRS. PASCAL—both complaining of the boorishness of Pantaloon.

(4) TRIO, COLUMBINE, MRS. PASCAL and PANTALOON, the latter making love to both.

(5) SOLO, PANTALOON, who anathematizes Harlequin.

(6) SOLO, HARLEQUIN, who is becoming a woman-hater.

(7) SOLO, COLUMBINE, soliloquising.

(8) SOLO, MRS. PASCAL.

(9) DUET, COLUMBINE and MRS. PASCAL, still discussing Pantaloon.

(10) MELODRAMA, MRS. PASCAL and PANTALOON, and SOLO, PANTALOON, who persists in making love to her.

(11) TRIO, COLUMBINE, MRS. PASCAL and PANTALOON, both women trying to attract him.

(12) SOLO, HARLEQUIN, who contemplates a watery grave as the end of his trouble.

(13) QUARTET—FINALE, Act III. They are at last paired off, and now *Toss up half a crown, And "heads" we live in the country, and "tails" we live in the town.*

An Epilogue is followed by—

(14) QUARTET—FINALE to the work:—

*Oh, all our tears and all our sighs
 Will never right the wrong.
 Perhaps the way of healing lies
 In laughter and a song.*

DELIUS' "BRIGG FAIR."

(London, Tuesday.)

Brigg Fair is an English folk-song which Delius has made the basis of an orchestral Rhapsody. He has prefaced his score with the words of the ballad. This is the first verse:—

*It was on the fif of August
 The weather fine and fair
 Unto Brigg Fair I did repair
 For love I was inclined.*

The singer meets his "dear" at the Fair, and ends thus:—

*The green leaves they shall wither
 And the branches they shall die
 If ever I prove false to her,
 To the girl that loves me.*

The Rhapsody is scored for a large orchestra.

The INTRODUCTION (*Slow, Pastoral*) consists mainly of little arabesques on FLUTES and CLARINETS, suggestive of bird songs.

THE TUNE is then given out as an OBOE SOLO, with light chordal accompaniment of WOODWIND and *pizzicato* (plucked) STRINGS.

The rest of the work consists of almost continuous variations on the Tune.

STANFORD'S "IRISH RHAPSODY," No. 1.

(London, Wednesday.)

Stanford, the gifted Irishman who died only a few months ago, was always very happy in dealing with folk-song themes of his native country. Two such tunes are used in this one-movement work. The FIRST TUNE is that of *Leatherbags Donnell*, an insistent, brisk melody that uses one little scrap of tune several times in a few bars. After this has been repeated we have some development of it. The HARP helps to change the scene for the SECOND TUNE'S appearance. This is the lovely melody widely known as the *Londonderry Air*, and, in the form of a song, as *Emer's Farewell to Cuchullin* (in Stanford's collection of *Songs of Old Ireland*). It is heard on CELLOS, then on OBOES, then on VIOLINS. After some development, back comes the First Tune. Quickly follows the slow second Air, and then an ingenious combination of the two. After a kind of *cadenza* or improvisatory passage for STRINGS comes the CODA or rounding-off part, in lively time, constructed chiefly from the *Emer* melody, the *Leatherbags* rhythm coming in at the end.

This inspiring work is to be played by 175 military bandsmen—a good chance of hearing wind music at its best.

BEETHOVEN'S FIRST SYMPHONY.

(Bournemouth, Sunday.)

This Symphony is in four Movements, of which the first and last are to be broadcast.

I.

INTRODUCTION. (*Very slow*). This is short, and leads into the FIRST MOVEMENT proper (*quick and with spirit*). The FIRST MAIN TUNE is at once heard in FIRST VIOLINS, with a very slight STRING accompaniment, WOODWIND closing each phrase. This quickly leads to a loud climax, which is prolonged somewhat. After a definite close, the SECOND MAIN TUNE enters, starting as a WOODWIND dialogue, OBOE and FLUTE beginning, with a delicate STRING accompaniment.

These two tunes are developed and re-stated, in the usual "sonata" manner.

IV.

The FINALE also begins with a SLOW INTRODUCTION, very short. The FINALE proper is very gay, and is quite straightforward. Its general construction is similar to that of the first movement.

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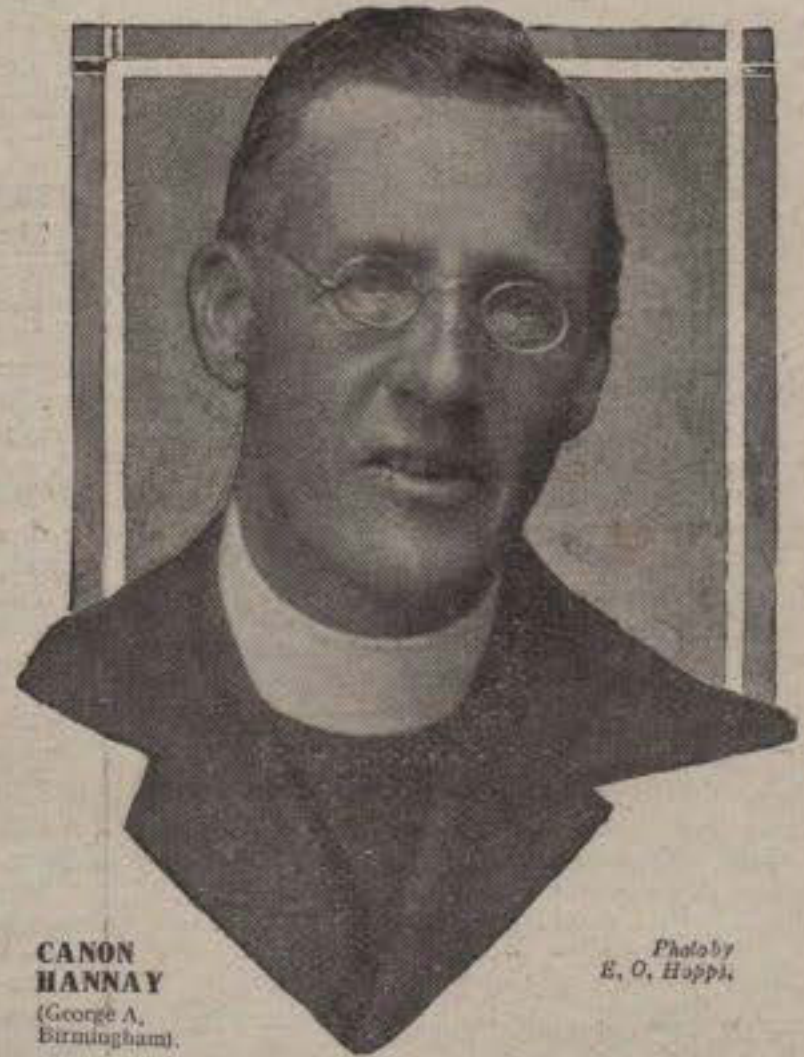
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Edinburgh Programme.
Week Beginning Sunday, Aug. 10th.

SUNDAY, August 10th.

3.0-5.30. } Programmes S.B. from London.
8.0-10.45. }

MONDAY, August 11th, and WEDNESDAY, August 13th.

3.30-4.30.—Orchestra of the Dunedin Palais de Danse.
5.0-6.0.—CHILDREN'S CORNER.
7.0 onwards.—Programme S.B. from London.

TUESDAY, August 12th.

3.30-4.30.—Wireless Quartet. S.B. from Glasgow.
5.0-6.0.—CHILDREN'S CORNER.
7.0-7.30.—Programme S.B. from London.
7.30-7.45.—Mrs. ISOBEL JAMIESON on "Yachting."
8.0-11.0.—Programme S.B. from London.

THURSDAY, August 14th.

3.30-4.30.—Wireless Quartet. S.B. from Glasgow.
5.0-6.0.—CHILDREN'S CORNER.
7.0-11.0.—Programme S.B. from London.

FRIDAY, August 15th.

3.30-4.30.—Orchestra of the Dunedin Palais de Danse.
5.0-6.0.—CHILDREN'S CORNER.
7.0.—WEATHER FORECAST and NEWS. S.B. from London.
G. A. ATKINSON. S.B. from London. Local News.
7.30-7.49.—Interval.

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MARION RICHARDSON (Mezzo-Soprano).
GEORGE MURRAY (Tenor).

The Orchestra.

- Overture to "Semiramide" Rossini
- 7.40.—Marion Richardson and George Murray (Duet).
La ci darem ("Don Giovanni") Mozart
- 7.50. The Orchestra.
"Ballet Egyptian" Luigini
- 8.5. Marion Richardson.
"When Daisies Pied" Arne
"I Know Where I'm Goin'"
- arr. Hughes (1)
- "The Kerry Dance" Molloy (1)
- 8.15. George Murray.
"Una Aura Amorosa" (Cosi fan tutti) Mozart
- 8.25. The Orchestra.
Grand Opera Selection—"Faust" .. Gounod
- 8.40.—Mr. A. R. E. McINNES on "Confessions of a Free-Lance Journalist."
- 9.0. George Murray.
"The Jealous Lover" }
"To Daisies" Quilter (1)
"Armida's Garden" }
"There" Parry (11)
- 9.15. The Orchestra.
Waltz, "The Grenadiers" Waldteufel
- 9.30.—Speeches delivered on the Occasion of the Official Opening of the B.B.C.'s Hull Relay Station. S.B. from Hull.
- 9.45.—Marion Richardson and George Murray.
"The Love Duet" from "Madame Butterfly" Puccini
- 10.0.—WEATHER FORECAST and NEWS. S.B. from London.
Topical Talk. S.B. from London. Local News.
- 10.30. Marion Richardson.
"Habanera" ("Carmen") Bizet
"A Southern Song" Landon
"We'll Go No More a-Roving" Ronald (5)
- 10.45. The Orchestra.
"In a Monastery Garden" Ketelbey (8)
"Just for a While" Geiger (31)
"Marcheta" Schertzing
- 11.0.—Close down.

SATURDAY, August 16th.

3.30-4.30.—Wireless Quartet. S.B. from Glasgow.
5.0-6.0.—CHILDREN'S CORNER. S.B. from Aberdeen.
7.0-12.0.—Programme S.B. from London.
Announcer: G. L. Marshall.

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Liverpool Programme.

Week Beginning Sunday, August 10th.

SUNDAY, August 10th.

3.0-5.30. } Programmes S.B. from London.
8.0-10.45. }

MONDAY, August 11th, to WEDNESDAY, August 13th, and SATURDAY, August 16th.

4.0-5.0.—Gaillard and his Orchestra, relayed from the Scala Picture House.
5.30-6.15.—CHILDREN'S CORNER.
7.0 onwards.—Programme S.B. from London.

THURSDAY, August 14th.

4.0-5.0.—The Station Pianoforte Trio.
5.30-6.15.—CHILDREN'S CORNER.
7.0 onwards.—Programme S.B. from London.

FRIDAY, August 15th.

4.0-5.0.—Gaillard and his Orchestras, relayed from the Scala Super Cinema.
5.30-6.15.—CHILDREN'S CORNER.
7.0.—WEATHER FORECAST and NEWS, S.B. from London.
G. A. ATKINSON. S.B. from London. Local News.

An Evening of Variety.

GERTRUDE EDGARD (Mezzo-Soprano).
BENNET HAMLEY (in Comedy and Drama).

CLARKE DAVIES (Entertainer).

"MUSIC."

THE STATION ORCHESTRA.

Under the Direction of
FREDERICK BROWN.

- 7.30. Orchestra.
Overture, "Orpheus in the Underworld" *Offenbach*
"Benedictus" *Mackenzie* (11)
Waltz, "Berceuse" *Waldteufel*
8.0. Gertrude Edgard.
Gipsy Song ("Carmen") *Bizet*
"Seguidilla" ("Carmen") *Bizet*
"A Hebridean Sea Song" *arr. Kennedy-Fraser* (1)
8.10. Bennet Hamley.
"Sydney Carton's Farewell" ("A Tale of Two Cities") *Charles Dickens*
"Polly Ann" *Weston and Lee* (7)
"A Discourse on Babies" *Rutherford* (13)
8.25. Orchestra.
Selection, "Dinorah" *Meyerbeer*
"Valse Triste" *Sibelius*
Suite, "The Miracle" *Humperdinck*
9.0. Gertrude Edgard.
"Serenade" *Gounod* (1)
"On the Water" *Schubert*
"O Don Fatale" ("Don Carlo") *Verdi*
9.15. Clarke Davies will Intrude.
"Because I Were Shy" *Traditional*
"I'm in Love Wi' Susan" *Cheshire*
"The Mermaid" *Barratt* (1)
"Wimmen, Oh, Wimmen!" *Phillips*
9.30.—Speeches delivered on the occasion of the Official Opening of the B.B.C.'s Hull Relay Station. S.B. from Hull.
9.45.—"Music"—a Merry Mixture of Mirth and Melody.
10.0.—WEATHER FORECAST and NEWS. S.B. from London.
Topical Talk. S.B. from London. Local News.
10.30.—"Music"—a Merry Mixture of Mirth and Melody (Continued).
10.45. Orchestra.
Duet for Two Violins, "The Little Grandmother" *Langley*
"Marche Hongroise" *Berlioz*
11.15.—Close down.

Announcer: H. Cecil Pearson.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 279.

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

RESEARCH

Mullard

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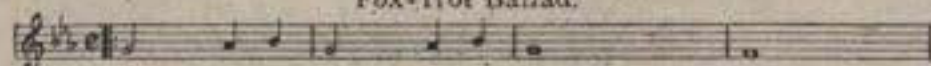
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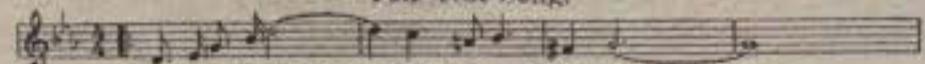
Why did you teach me to love you?

Fox-Trot Ballad.

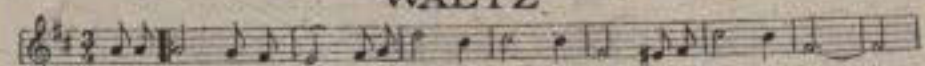


Tell me in the Moonlight

Fox-Trot Song.

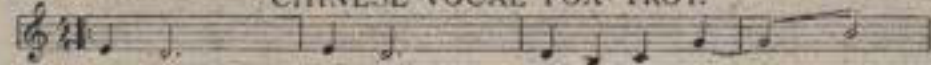


A GARDEN IN BRITTANY
WALTZ



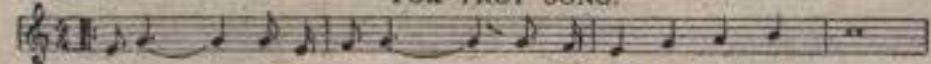
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Plymouth Programme.

Week Beginning Sunday, August 10th.

SUNDAY, August 10th.

3.0-5.30. } Programmes S.B. from London.
8.0-10.45. }

MONDAY, August 11th, to THURSDAY, August 14th, and SATURDAY, August 16th.

3.30-4.30.—"The Crystal Set" Concert Party, relayed from Promenade Pier Pavilion.

5.30-6.30.—CHILDREN'S CORNER.

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

FRIDAY, August 15th.

3.30-4.30.—"The Crystal Set" Concert Party, relayed from Promenade Pier Pavilion.

5.30-6.30.—CHILDREN'S CORNER.

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

G. A. ATKINSON. S.B. from London, Local News.

Local Concert.

THE ARNOLD TRIO.

ESTHER SMITH (Soprano).
FLORENCE EDGCOMBE (Solo Harp).
REGINALD SHARP (Entertainer).
JAMES VOSPER (Baritone).

7.30. The Arnold Trio.

Trio in D Minor Mendelssohn
Esther Smith.

"Just For a While" ("The Last Waltz")
Geiger (31)

"If Winter Comes" Tennent
Florence Edgcombe.

"Ballade" Hasselmann
Reginald Sharp.

"My Word" Sterndale-Bennett

"They Won't Have Me"
Rubens and Greenbank

The Arnold Trio.
Selection, "The Geisha" Sidney Jones

J. H. BECKLEY, J.P., on "What the
St. John Ambulance is Doing."
James Vosper.

"The Vulcan's Song" ("Philemon and
Baucis") Gounod

"Captain Mac" Sanderson (1)

9.0.—Dr. HERBERT FISHER: "Earth-
quakes: How Caused and How
Recorded."
Reginald Sharp.

"Cutts, of the Cruiser *What Not*"
Sterndale Bennett (13)

"The Hon'able Percy" Scott Gatty

"Long Ago in Alcalá" Messenger

9.30.—Speeches delivered on the Occasion of
the Official Opening of the B.B.C.'s
Hull Relay Station. S.B. from Hull.

9.45. Esther Smith.

"Happy Song" Teresa del Riego

"Comin' Thro' the Rye" Traditional

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

Topical Talk. S.B. from London.
Local News.

10.30. Florence Edgcombe.

"Pattuglia" Tedeschi

"Impromptu-Capriccio" Pierne
James Vosper.

"She is Far From the Land" .. Lambert

"Were I Some Star" Forster
The Arnold Trio.

Waltz, "Cremona" Percy Arnold

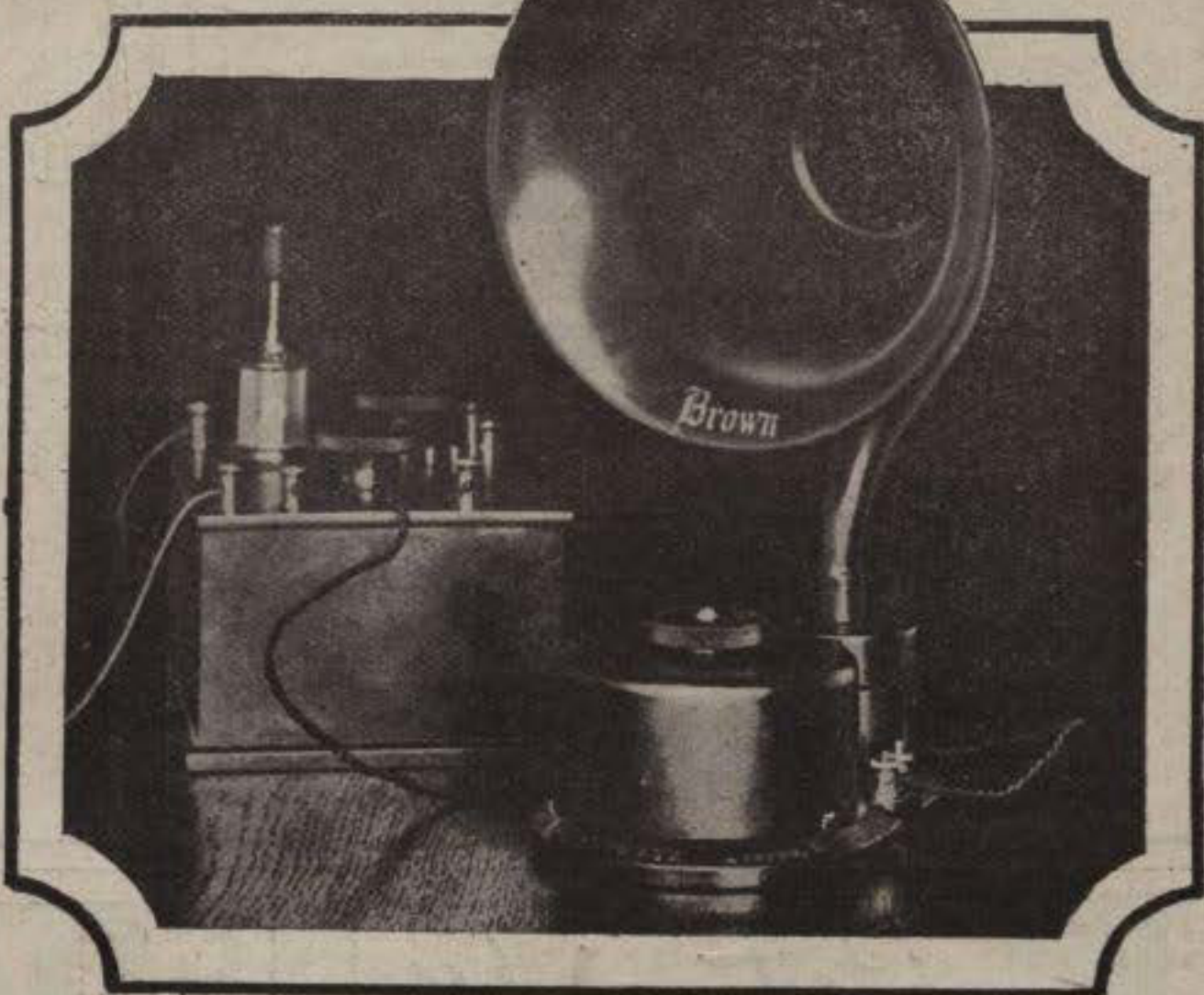
One-Step, "He Played the Wedding
March" David (32)

"Teddy" (The Children's Broadcast Song)
Phillips (10)

11.0.—Close down.
Announcer: C. S. Goode.

A number against a musical item indicates the name
of its publisher. A key list of publishers will be found on
page 278.

Brown



The CRYSTAVOX

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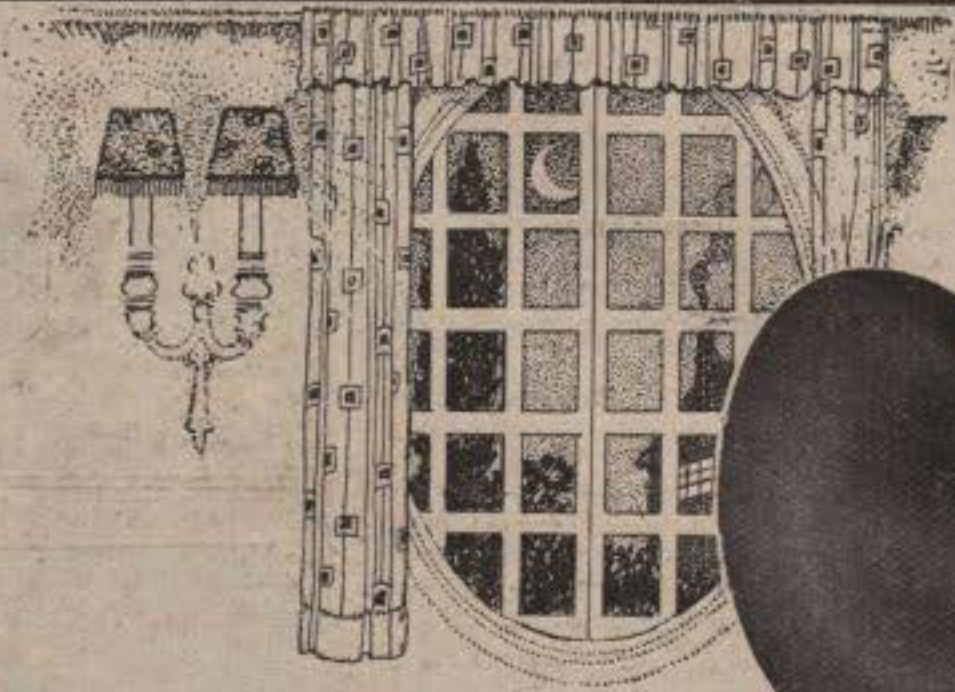
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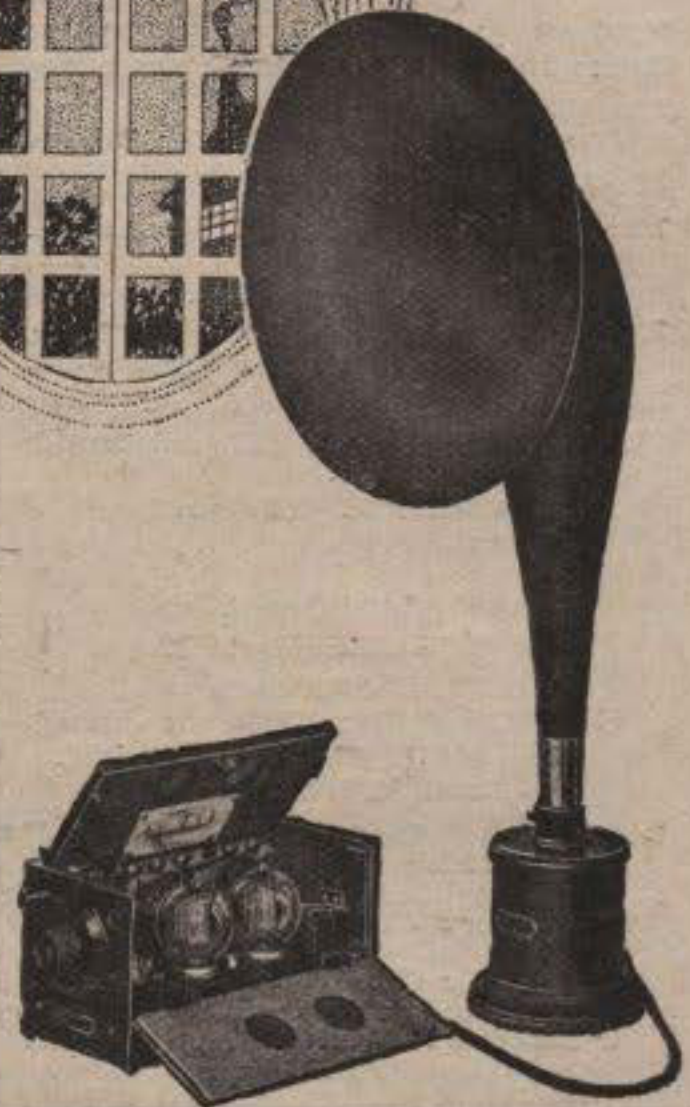
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Week Beginning Sunday, August 10th.

SUNDAY, August 10th.

3.0-5.30. } Programmes S.B. from London.
8.0-10.45. }

MONDAY, August 11th, and WEDNESDAY, August 13th.

3.15-5.0.—Programme S.B. from Manchester.
5.30-6.30.—CHILDREN'S CORNER.
7.0 onwards.—Programme S.B. from London.

TUESDAY, August 12th, and THURSDAY, August 14th.

3.30-4.30.—Programme S.B. from Birmingham.
5.30-6.30.—CHILDREN'S CORNER.
7.0 onwards.—Programme S.B. from London.

FRIDAY, August 15th.

3.30-4.30.—Programme S.B. from Manchester.
5.30-6.30.—CHILDREN'S CORNER.
7.0.—WEATHER FORECAST and NEWS.
S.B. from London.

G. A. ATKINSON. S.B. from London.
Local News.

7.30. **Some Happy Music and Poetry.**

THE STATION TRIO.

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LILIAS HAWSON (Recitals).

MAY MATTHEWS (Contralto).

Trio.

Ballet, "Sylvia" Delibes, arr. Alder
Frank Beckett.

"Through All the Ages" Eric Coates
Lilias Hawson.

"Persuasion" ("A Child's Guide to
Knowledge") Laurence Housman
Trio.

"Rustic Revels" Percy Fletcher
"Drink to Me Only" arr. Quilter
May Matthews.

"Flower Song" Gounod
"Arise, O Sun" M. C. Day
Trio.

Three Miniatures Frank Bridge
Lilias Hawson.

Poems of London.

"The Ballad of the Motor-Bus"
Sheila Kaye-Smith

"Richmond Park" Patrick Chalmers
Violin and Pianoforte.

Sonata in F Corelli
May Matthews.

"A Summer Night" Goring Thomas
(With Cello Obbligato.)

"O Lovely Night" Landon Ronald
(With Cello Obbligato.)
Cello and Pianoforte.

Sonata in D Murcello-Salmon
Frank Beckett.

"O, Like a Queen's,
Her Happy Tread" ("Four
Love Songs") } Graham
"All in a Garden } Peel
"Green" }
"Jenny Kissed Me" }

Trio.

Finale from Trio in D Minor . . . Mendelssohn

9.30.—Speeches delivered on the Occasion of the
Official Opening of the B.B.C.'s Hull
Relay Station. S.B. from Hull.

9.45. May Matthews.

"The Crown" Kenneth Rae (8)
"Sing, Joyous Bird" Montague Phillips

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

Topical Talk. S.B. from London.
Local News.

10.30. Trio.

"Samson and Delilah"
Saint-Saens, arr. Alder
Frank Beckett.

"The Jocund Dance" Roger Quilter (4)
"Come, My Own One" Geo. Butterworth
Trio.

Thais Massenet

11.0.—Close down.

SATURDAY, August 16th.

3.30-4.30.—Programme S.B. from Birmingham.
5.30-6.30.—CHILDREN'S CORNER.
7.0.—Programme S.B. from London.
7.30.—Sports Chat by "Observer."
8.0-12.0.—Programme S.B. from London.
Announcer: H. C. Head-Jenner.



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P 2. (With red top) for H.F. use }

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Week Beginning Sunday, August 10th.

SUNDAY August 10th.

3.0-5.30. }
8.0-10.45. } Programmes S.B. from London.

MONDAY, August 11th, to THURSDAY, August 14th, and SATURDAY, August 16th.
5.0-6.0.—CHILDREN'S CORNER.
7.0 onwards.—Programme S.B. from London.

FRIDAY, August 15th.

5.0-6.0.—CHILDREN'S CORNER.
7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
G. A. ATKINSON. S.B. from London.
Local News.
7.30-8.0.—Interval.

Local Programme.

LEEDS LYRIC QUARTET.

LLOYD HARTLEY (Solo Pianoforte).
KATHLEEN MOORHOUSE (Solo Violoncello).

FAWCETT FIRTH (Entertainer).

- 8.0. Quartet.
"Gently Sighs" Joseph Yarwood (11)
"Piccaninny Lullaby" Macy (2)
8.10. Pianoforte Soli.
"Shadow Dance" Macdowell (4)
"Poupée Valsante" Poldini
"The Golliwogs' Cake Walk" Debussy
8.20. Cello Soli.
Sonata in G Major Macdowell (4)
8.37. Fawcett Firth.
Humorous Medley.
"Our Furnished Flat" Graham Squire (13)
"My Cousins" Philip Braham
8.52. Quartet.
"The Banks of Allan Water" Cantor (11)
9.0. Piano Solo.
"Scherzo in B Flat Minor" Chopin
9.15. Cello Soli.
Variations Symphoniques Beethoven
9.30.—Speeches delivered on the Occasion of the Official Opening of the B.B.C.'s Hull Relay Station. S.B. from Hull.
9.45. Fawcett Firth.
"My Word, You Do Look Queer!" R. P. Weston (7)
Monologues "Auto-Suggestion"
Mundin and Jackson (13)
10.0.—WEATHER FORECAST and NEWS.
S.B. from London.
Topical Talk. S.B. from London.
Local News.
10.30. Piano Soli.
"On Wings of Song" Mendelssohn
"Rain in the Garden" Debussy
10.40. Quartet.
"Little Tommy" Macy (2)
"Comrades in Arms" Adolphe Adam
11.0.—Close down.

Announcer: G. P. Fox.

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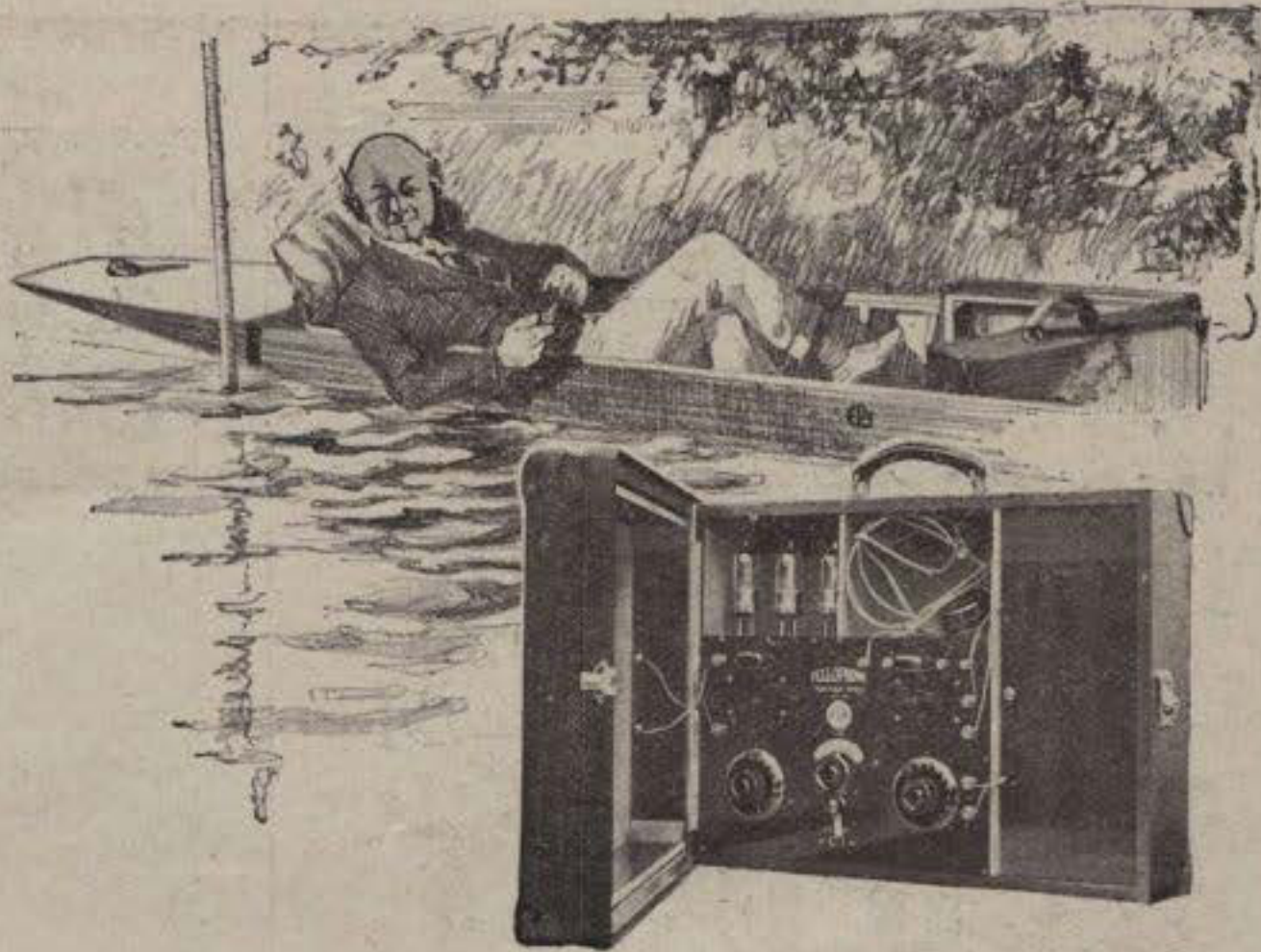
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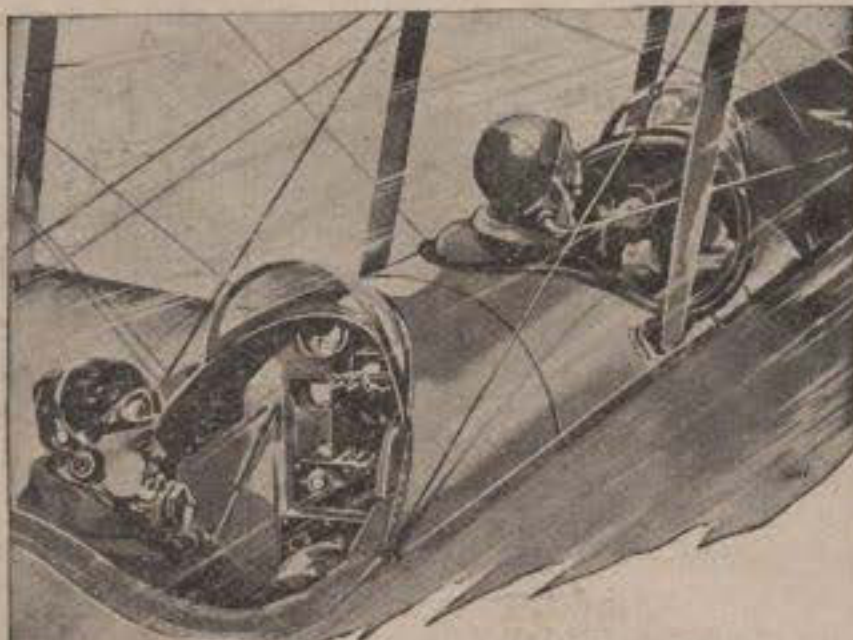
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The best that money can buy*

POINTS to notice about the new Ethophone V are: the Selector, which minimises "interference"; the use of the economical dull-emitter valves under proper conditions; tuning operated by three simple controls; broad wavelength range; and many other special features. The price of the standard model, without valves or batteries, is £33. The price of the Ethovox Loud Speaker (either 120 or 2,000 ohms resistance) is £5.

*Purchase Burndept by its name
—other sets are not the same.*

THERE are some things in life about which there is not the shadow of a doubt, and by which we set our standards:

In the world of Legislature—our Houses of Parliament; in the realm of Architecture—the beauty and symmetry of St. Paul's Cathedral; in the realm of Finance—the Bank of England, which by its sound principles has become the foundation for the world's financing; and in the realm of Wireless—the Ethophone V (Mark IV) which because of its perfect reception of broadcast, and reproduction of detail when used with the Ethovox Loud Speaker, enables us with complete assurance to place it on the market as an example of the best receiving apparatus procurable to-day, the standard model in this newest phase of science.

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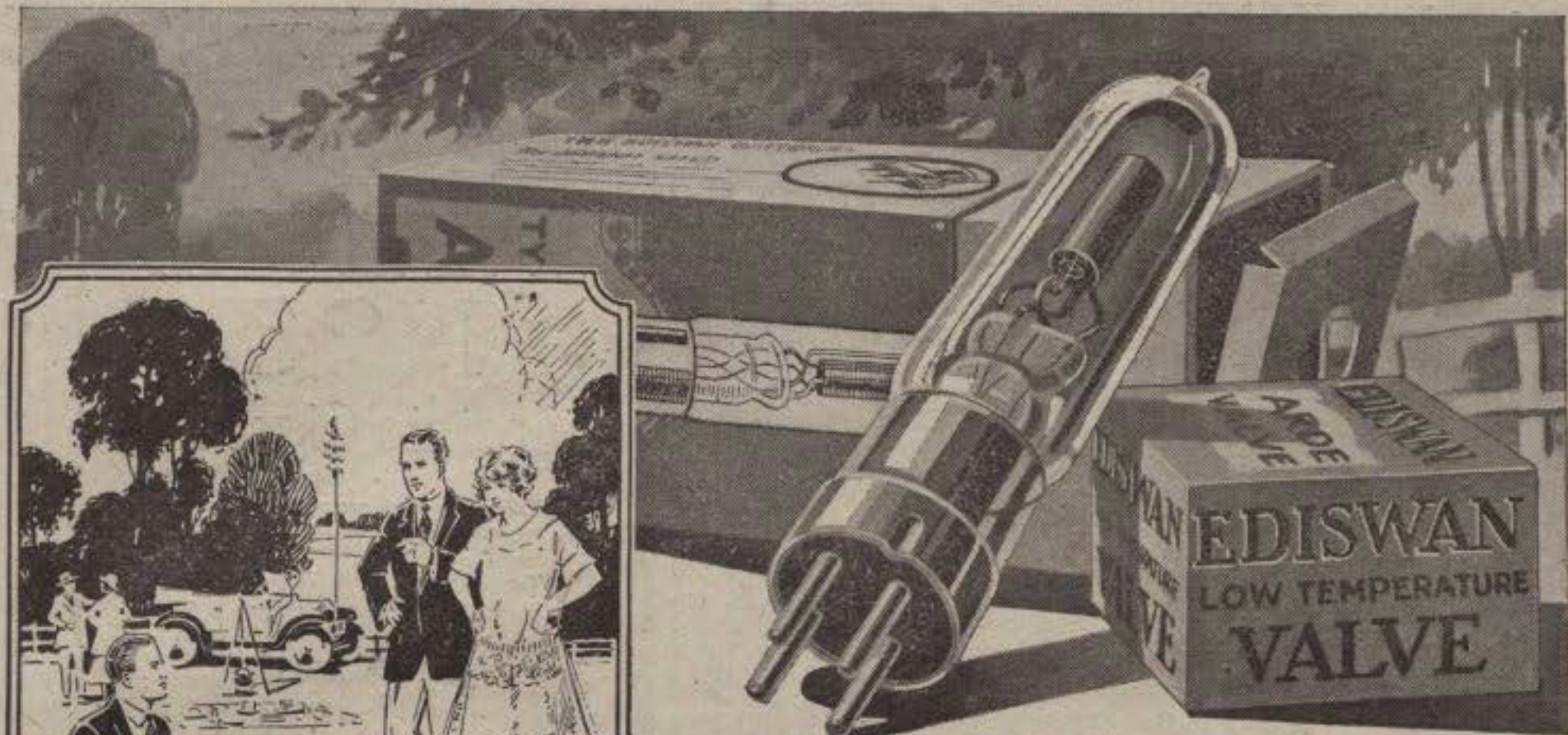
Please send me particulars of the new Ethophone V and the Ethovox Loud Speaker and some Applause Cards.

NAME

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"Radio Times," 8/8/24.



"Valves all right?"
"Oh yes. There's no risk with EDISWAN'S.
You can take them anywhere."

Wherever you take your Set you will find the compactness and reliability of the EDISWAN A.R.D.E. and A.R.06 an invaluable asset. These Valves are amazingly strong and, being exceptionally well packed, will stand any ordinary amount of rough usage. If you start out with EDISWAN Valves you can rely upon finding them safe and sound at your journey's end. *Your Dealer has EDISWAN'S.*

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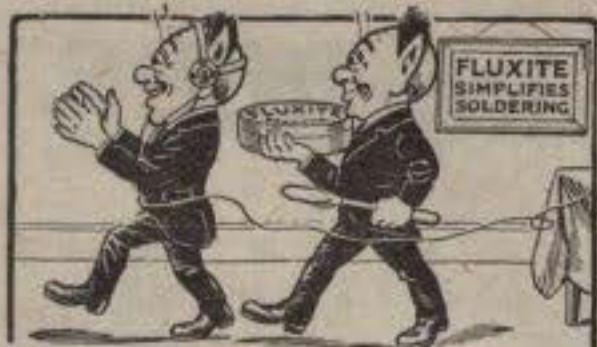
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Better still see that your Portable Set is an EDISWAN too—in fact, EDISWAN means the best of everything Wireless.

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is one that most radio enthusiasts know—Solder your Sets—Those who have yet to learn what a fine tune it is, are still suffering the disadvantage of an unsoldered wiring system behind their ebonite panels. Do you know what a fine tune is, or shall we say selective tuning?

If you don't, commence soldering the connections of your wiring right away, and you will hear the difference. Soldered wiring means economy in the length used, and that is most desirable in every set.

FLUXITE gives a wonderful help in the art of soft soldering—it makes an old-time difficult job into an easy affair—so easy that you will wonder why so many folks in the past shirked the job—they didn't use FLUXITE! Success is yours for the asking.

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It is perfectly simple to use, and will last for years in constant use. It contains a special "small-space" Soldering Iron, with non-heating metal handle, a Pocket Blowlamp, FLUXITE, Solder, etc., and full instructions. Price 7/6. Write to us should you be unable to obtain it.

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NEW TYPE CRYSTAL SET

Post 20/- Free

Fitted with plugs for aerial and earth connections.

This new type Crystal Set embodies a new type Patent Variometer which allows of the fine tuning essential to loud and clear results. This Set is now supplied with coil to receive the new high-power B.B.C. Station which renders the Set available for reception, and at a distance of about 100 miles.

All Sets are tested at our Works (40 miles from B.B.C. Station). The set works efficiently from this distance and the maker's guarantee is enclosed in each set.

SEND YOUR ORDER WITH REMITTANCE VALUE 20/- TO-DAY. THESE SETS ARE IN GREAT DEMAND AND ARE GUARANTEED.

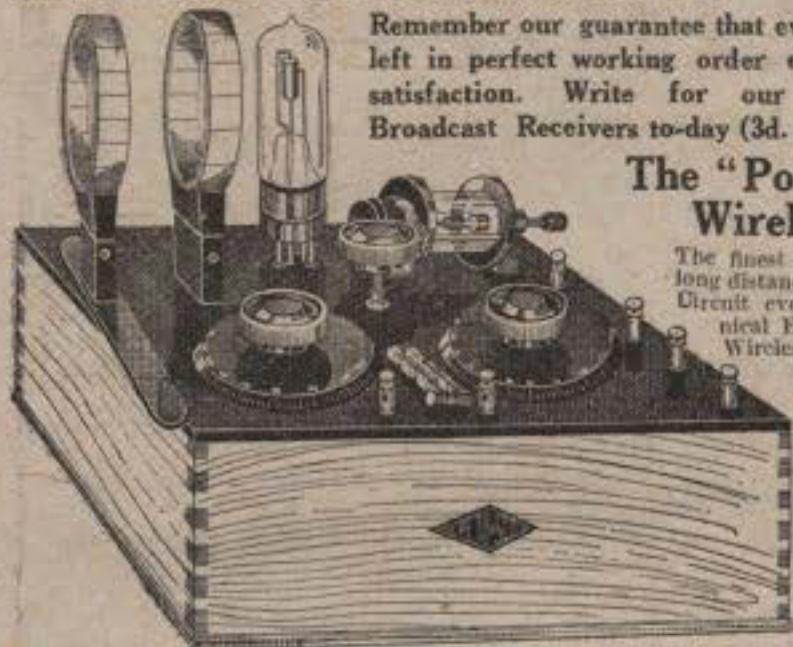
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Sets installed free of charge.

WRITE to-day for particulars of our new Service scheme in which we will send a technical man up to 50 miles from any of our Branches entirely without cost to you, to instal a Receiving Set purchased from us.

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The finest one-Valve Set for long distance work. Uses the Circuit evolved by the Technical Editor of "Popular Wireless." Because the valve amplifies each signal twice, it is sufficiently sensitive to receive every B.B.C. Station at good strength on the 'phones, and if within 5 miles or so from a Station it will operate a Loud Speaker.

Will cover all wave-lengths (including Chelmsford)

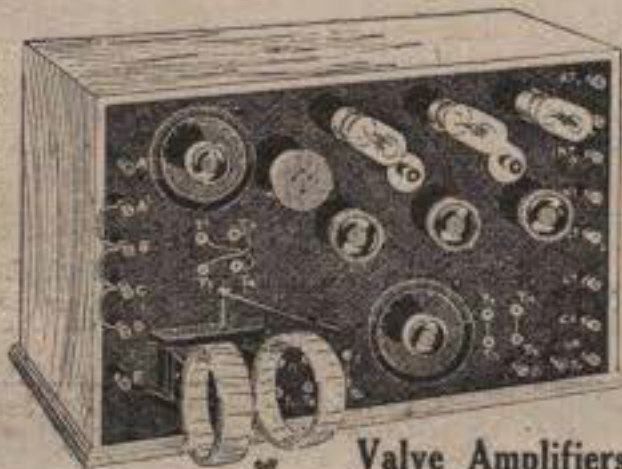
Marconi Royalty paid. **£5-17-6**

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As advertised in "Modern Wireless." This Reflex Set is particularly useful for long distance work and has already become very popular. A thoroughly good Set able to operate a Loud Speaker 40 to 50 miles from a B.B.C. Station and to receive them all comfortably on the 'phones. An instrument you will be proud to own and which will afford you lasting enjoyment. Aerial tested and fully guaranteed.

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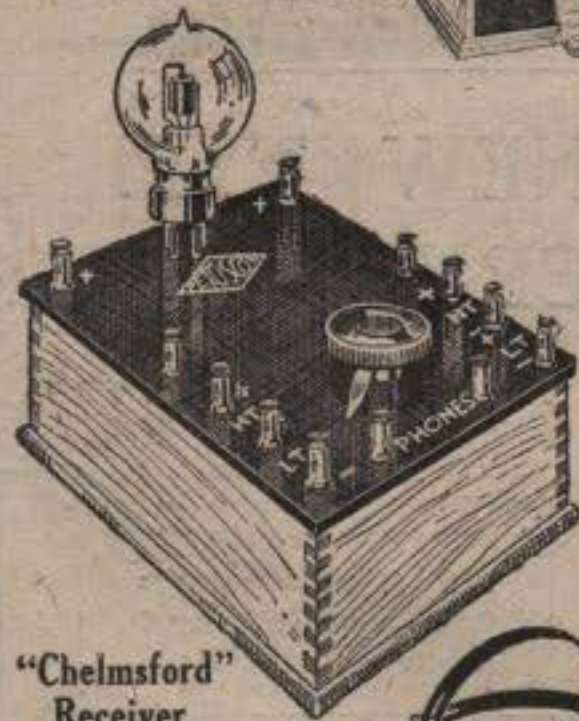


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ONE-VALVE UNIT. The great value of an amplifier is to enable a Loud Speaker to be used with a Crystal Set instead of headphones. For those situated within 5 miles of a Broadcasting Station one will probably be sufficient. For greater distances two amplifying valves will be required. This one-valve Unit can be attached to practically any Crystal Set and will give very powerful amplification. Price (without valve) but including Marconi Royalty **47/-**

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£4-8-0



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A Crystal-de-luxe Set which will receive Chelmsford at good strength at surprisingly long distances. From reports already received anyone up to 100 miles from the new experimental Station at Chelmsford should be able to receive it on this Set. A superior instrument both in appearance and performance. Very selective. Polished Oak cabinet. Price complete with coil for receiving Chelmsford and covering the entire B.B.C. wave-length range from 300-1,700 metres. **£3-8-6** Headphones and aerial equipment **37/6**

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THE SET THAT SETS THE STANDARD

THE BEST YOU CAN GET IS A PELMERSET

The best of a Pelmerset (the World's standard wireless set) is that it is sufficiently simple to enable those with no technical knowledge to operate it and yet at the same time it appeals to the skilled operator or experimenter. There is no machine more efficient.

"PELMERSET II."

Complete with equipment, including one High-Frequency and one Detector Valve, H.T. Battery, 6 Volt 40 amp. Accumulator, 100 feet stranded Copper Wire, two insulators, and one pair 4,000 ohms Headphones.

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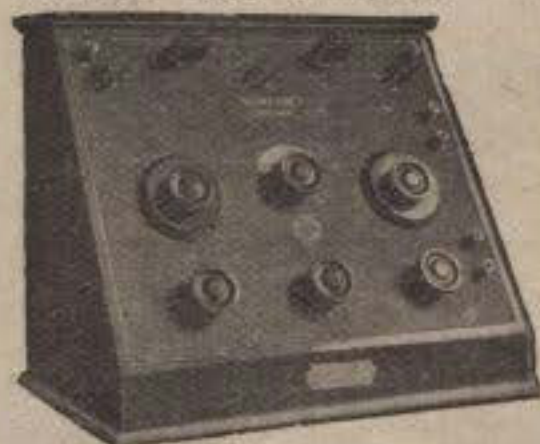
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This includes H.T. Battery, Accumulator, 100ft. Aerial wire, Two Insulators, One Pair 4,000 ohms Headphones, One High-Frequency Valve, One Detector, and One Low-Frequency Valve.

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VALUE **£5 to £10** One-third down, balance over 6 equal monthly payments + 5%

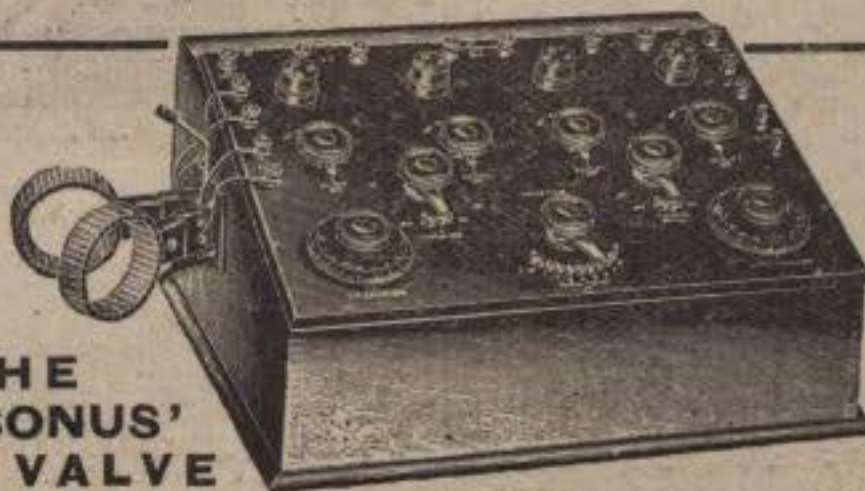
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Any make of Set supplied on above Terms.



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BROADCAST RECEIVER

DESIGNED and constructed throughout under the supervision of Radio Experts of the widest experience, this Receiver has attained the maximum of perfection in the reproduction of Speech and Music, and is unsurpassed for Clarity and Tone. The unique and outstanding point in this Set is that these results are obtained with the minimum of controls. Every instrument is thoroughly tested before despatch, and supplied with instructions and Calibration Chart. Size of Cabinet:— Length 17", Width 14", Depth 9". Price complete with Aerial Wire, Insulators, Lightning Switch, Coils, Valves, HT and LT Batteries, and one pair of Browns, Sterling or Gecophone Phones, stamped B.B.C.,

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Alternative Arrangement with Low Consumption Valves and Suitable Batteries. Price

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THE LIGHTNING PICK-UP. Contain no harmful Drugs. Composed of pure medicinal Yeast, Vitamins, and other valuable ingredients as prescribed by leading medical specialists. The gentle fermentation of the Yeast when in contact with the gastric juices of the stomach cause a stimulating buoyant feeling of extreme vigor. When out of sorts or depressed take 1 or 2 Yeast-Vite Tablets and feel fresh and rickety in a few minutes.

IRVING'S YEAST-VITE Tablets will relieve:—

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- Insomnia, Colds, Fever ... in 24 hours.

Send postcard for free treatise on Diabetes, Anemia, Nerves, Skin Diseases, Constipation, Colds, Insomnia, Rheumatism, Pains, etc.

OUR GUARANTEE. Obtain a 1/2 box from your Chemist. If your health does not improve perceptibly post us the empty box and we will refund your money immediately.

£100 Cash will be paid to anyone proving that the following extracts from unsolicited testimonials are not genuine.

We have over 20,000 letters from satisfied users in 9 months which are open to inspection.

17013—Dr. N. writes, "I am prescribing the tablets regularly. Please send a box to my brother (invoice to me), as I want him to take the treatment."

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ALL CLEAR CRYSTAL
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NO OTHER CRYSTAL IS AS LOUD OR AS CLEAR.
PRICE 1/- BOX. Every Crystal Fully Guaranteed.
This Crystal is the most sensitive yet produced. Cash returned without question if not better than any other Crystal tried.
To get the best results you must insist upon having an **ALL CLEAR CRYSTAL.**
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GLASGOW
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WEST HIGHLANDS
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If you have not yet fixed your Holidays, take a week's delightful sailing through Outer Hebridean Islands. **EVERY TEN DAYS** from Glasgow at 11 a.m. and Greenock at 4.30 p.m. by splendidly fitted Steamer "HEBRIDES." On Special dates, Cruise is extended to the Romantic and Lonely Island of **ST. KILDA.** The Western Isles Cruise is also extended on special dates to wild and beautiful **LOCH ROAG,** West side of Lewis.

Full particulars, Tourist Programme, &c., on application.
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This crystal stands reflex circuit operation better than any other. — gives loud and clear reception and is sensitive on over 90% of its surface.
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Just the thing if you are **PRESSING FLOWERS** on your Holidays.
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Protect your Wireless Set with **ROBINS' COMBINATION LIGHTNING ARRESTER & LEADING-IN TUBE** (Patent No. 13243).
No Wireless Set or Listener-in is safe from lightning without it.
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HOLLANDS "Springwell" Instep Support is the best CURE for **TIRED and ACHING FEET.** Light in weight and flexible. Gives vitality to the feet and makes walking a pleasure.
Price 10/6 per pair.
Ask your Bootmaker or Chiropodist for Hollands, or write direct.
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You may be in difficulties and want information on some technical point, or you may be wondering how to improve your set, but—
Whatever it is you want to know, just write us fully, stating your requirements and the exact circumstances of the case, and you will receive in return the advice of an expert, giving the information you desire.
For each answer please enclose P.O. for 2/6 to cover expense, and if you require complicated diagrams or calculations, send 4/6.
We endeavour to answer all queries same day as received, but as each one is given individual attention this is not always possible.
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6/6 — **"C" BRITISH MADE "C"** — **6/6**
R.A.F. "C" Valves made by Osram, G.E. Co., Ltd., and Ediswan Co., the finest H.F. and Det. valve ever offered under 13/- Fit Mullard "Ora B" sockets. Adaptors for "R" Valves supplied at 1/- each.
"C" Valves were made under Govt. supervision for W/L of the Broadcast Bands, and there is no valve to touch them under double the price. 5-valve New R.A.F. Receivers with valves £7, post free. Four Electrode "R" Valves 17/6 each.
Limited Number Delivered from Stock. Trade Supplied.
Send 3d. Stamps for Illustrated Catalogue of Radio Bargains.
5 v. 1 amp. **LESLIE DIXON & CO.,** 9, Colonial Avenue, Minories, London, E.1.



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BRITISH EMPIRE CALLING!!
ONE THOUSAND BOYS
WANTED AT ONCE.

SPLENDID OPENINGS
for Boys in Canada, Australia, and New Zealand. No healthy, fit, willing boy need lack work and opportunity. The machinery of the Salvation Army's Empire scheme is at his disposal. Ages between 14 and 17 years. Interviews daily. Selected boys are given agricultural training here and placed on approved farms overseas with proper supervision and aftercare. Initial cost to parents small.
For particulars call or write. Address—**THE SECRETARY (DEPT. B.), MIGRATION HOUSE, 3, UPPER THAMES STREET, E.C.4.**

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Post your soiled Suit or Costume to Dept. R., Bradburn & Co., Dyers and Cleaners (Estab. 1832), George Street, Newcastle-on-Tyne. You will have it back in 3 or 4 days, cleaned and pressed like new, for 6/6, return post paid. **Send Bradburns to B**

FILL YOUR PIPE RACK FOR 5/-
(E.W.)
Every man enjoys a good smoke and although a good tobacco is necessary it is far more necessary to have a good pipe, and **THE BEST PIPE** for a good Cool, Sweet Smoke, is **THE RADIO CLAY.**
Manufactured from the finest Devonshire Clay, which, as it is bound, absorbs the nicotine, and
MOUNTED WITH A VULCANITE STEM
It is the ideal pipe for the discriminating smoker.
BOX CONTAINING TEN ASSORTED RADIO CLAYS SENT POST FREE FOR 5/-.
Sample Box of 3 Radio Clay Pipes. Post Free. 1/9.
EDWARD POLLOCK, The Kirk St. Factory, Ancoats, MANCHESTER.



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By **DONALD ALEXANDAR.**
Request your Orchestra to play this delightful Valse.
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"SPA-RADIUM" (Radium Sparklets)
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THE NEW GREAT NATURAL REMEDY
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A Radium Spa at Home.
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FLO: Why, don't you know! There is only one place, and that is
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They do them promptly, and beautifully, and their prices are so reasonable. They never rush them, and sacrifice quality for speed. If you write to them, they will send you a post bag, and price list free.

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THE PERFECT AERIAL

THIS WONDERFUL WIRE IS THE ONLY AERIAL WHICH CAN STAND THE RIGORS OF THE ARCTIC.

THE AERIAL SIMPLY HANGS FROM ROOF OR WINDOW

READ THIS AND BE CONVINCED.

Extract from the "Wireless Weekly," June 25, 1924.

THE ALGARSSON ARCTIC EXPEDITION. ELECTRON WIRE IN THE ARCTIC.

A good deal of public interest has been aroused by the Algarsson Expedition from the Thames for the Arctic Circle. After the work is finished in the Arctic, the vessel will return direct across the Atlantic to New York. Their destination is a point some 200 miles from the Pole. She is a small vessel of 23 tons, and there was some difficulty in erecting the aerial. She possesses two masts between which it was quite impossible to strung the aerial in the usual position, because her sails would have fouled it. A downlead between the two mast heads was entirely ruled out by the arrangement of the rigging. The only possible position for the span of the aerial was between the masthead and a point in the bow, the aerial being of the twin type with 6 foot spreaders. The only possible point from which the downlead could be taken proved to be the upper end of the aerial, and a most difficult problem arose as to how this was to be brought down to the level of the deck. It could not be brought in the obvious manner straight down the mast, because it would have interfered with certain of the running rigging, and the only possible route for it proved to be down the steel ratlines, no doubt a very undesirable method, but the only possible compromise in the circumstances. Even after its arrival upon deck, the lead had to follow a somewhat devious route for some distance along under the bulwarks, and then across the deck, and through a skylight. Since a great part of the route of the downlead was liable to be wetted by spray at any time, and also to be submerged at intervals by seas breaking inboard, the question of the type of wire to use for this and for the aerial itself, whose lower extremity was liable to similar treatment, was naturally a serious problem. Remembering the corrosive action of sea water, it was obvious that an extremely durable form of insulated wire was necessary, led to the choice of ELECTRON the Cable now being sold by The New London Electron Works, Ltd. ELECTRON wire has great mechanical strength and resistance to corrosive influences, AND WAS USED FOR THE WHOLE OF THE AERIAL AND THE DOWNLEAD.—Extract from the "Wireless Weekly," June 25, 1924.

THE SECRET OF "ELECTRON" WIRE.

Wireless experts agree that the ether waves flow only on the surface or skin of the conductor which carries them. Therefore, aerials which consist of several small wires stranded together are more efficient than a single wire of thicker gauge. It is also an established fact that SILVER is the finest conductor, closely followed by TIN. Silver is not only too expensive to use generally as an aerial, but for many technical reasons it is impracticable. On the other hand, Tin, an expensive conductor, four times the value of copper, lends itself admirably, inasmuch as it can so easily be coated on other wires of the necessary strength and durability, so that it fulfils the purpose of a perfect conducting "Skin." That each separate strand of wire is scientifically coated with a skin of pure tin. Enthusiasts who are using "Electron" Wire in all parts of England and America report wonderfully clear results with either crystal or valve sets. The ether waves penetrate the protective coverings, all incoming signals being held. Suspend "Electron" Wire where you will, lead direct to the set (no separate lead-in required), use "Electron" Wire for earth, and a greatly improved reception will be the result. EXTEND YOUR PHONES or loud-speaker to any part of the house or garden with "Electron" Wire, which being insulated with vulcanised rubber, no further insulation is necessary. You may allow it to touch anything anywhere, indoors or out-of-doors, in perfect confidence. "Electron" Wire has no equal at ten times the price. "Electron" Wire is ideal for all kinds of Indoor Aerials, Frame Aerials, etc. There is plenty of scope for experimenting. Try every possible way of erecting, and quite likely some new arrangement will be found which will be of great help to others. The set should be as near as possible to the aerial. Lead in at right angles in one continuous length.

The **CHEAPEST AERIAL** and the Best in the World.

100 ft. **1/8** Postage 6d.

Also for extending 'Phones, Loud Speaker, etc.

Two 150 feet lengths twisted 300ft.	Two 250 feet lengths twisted 500ft.	Two 500 feet lengths twisted 1,000ft.
5/-	8/-	15/-
Do not send Stamps.		Carriage Paid.

PUBLIC WARNING.

Buy Electron Wire in BOXES ONLY. Take no substitute. Some dealers try to deceive you. They make coils to look like Electron. They know the way to sell you another wire is to make it seem like Electron. Buy Electron Wire in BOXES ONLY. AVOID DECEPTION. Don't buy another wire made to look or to sound like Electron. LOOK AT THE NAME AND THE BOX.



IDEAL FOR FRAME AERIAL. No further insulation necessary

INDOOR AERIALS.

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