

THE OFFICIAL ORGAN OF THE B.B.C

Vol. 6. No. 72.

[6.P.O. so a Newspaper]

EVERY FRIDAY.

Two Pence.

OFFICIAL PROGRAMMES THE BRITISH BROAD CASTING COMPANY.

For the week commencing SUNDAY, February 8th.

MAIN STATIONS.

LONDON, CARDIFF, ABERDEEN, GLAS-GOW, BIRMINGHAM, MANCHESTER, BOURNEMOUTH, NEWCASTLE, BELFAST

HIGH-POWER STATION. (Chelmsford.)

RELAY STATIONS.

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

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AN OFFICIAL ANNOUNCEMENT.

Counsels of caution are rarely tacking when a public organization adopts a definite constructive policy on matters commonly associated with controversy. We decided at the beginning to give religion a permanent place in our programmes. There were those who resented this attitude on the ground that our legitimate function was entertainment and that religious teaching was certainly not a form of entertainment. There were those who foretold serious trouble in striking an even balance between the various accepted forms of religion. There were others again who saw in our decision the death-blow to the already declining habit of church attendance.

Two years of experience would seem to prove that our policy is right, and that the lears of early critics were unfounded. There was an advantage perhaps in the fact that our conception of the religion of broadcasting was more the product of the lay mind than that of the ecclesiastic or theologian. We began from the simple premise that to the average man and woman religion satisfies an important need. We were not content with othics or universalism. To influence conduct, and raise the standard of citizenship, the religion of broadcasting had to be definite and concrete. It had to embody a robust and generous faith. Our aim was to communicate " a thorough going, optimistic. and manly religion . . . It does not present the Almighty in the guise of what has been described as a lawyer's God policing His universe, but as a companionable and sympathetic spirit. It is not presented as an added accomplishment, but as an integral part of life, born of need."

Given these basic ideas, we are not concerned with doctrine. Normally there are no transmissions during thurch hours. This rule is rarely broken and then only when a complete religious service is being broadcast. There are two hours of specially chosen music on Sunday afternoons. Then in the evening at 8 or 8.30 a short religious service is sent out from all studios. Familiar hymns or metrical psalms are sung. Usually there is an anthem, and a fifteen minutes' address.

Each station has the benefit of the advice of a Committee of clergymen representative of all the larger denominations. It is worthy of note that the Roman Catholics are represented on most of these Committees. About once a month a complete church service is taken instead of the ordinary studio service. To convey atmosphere, nothing is missed from the ringing of the bells to the Benediction. The monthly broadcast service are usually held after the ordinary evening service, and are specially framed in consultation with us

Our correspondence leaves no room for doubt that the distinctive character of Sunday programmes is widely appreciated and welcomed. The exclusion of doctrinal controversy has stlenged theological criticism. There are still some who think we

(Continued overleaf in column 3.)

Which is the Most Popular Song?

A Problem for Music Lovers. By A. B. Cooper.

To the question "Which is the most popular song?" there would be many different replies, and perhaps most people would declare it was impossible to say; yet that very difficulty makes the discussion of this question all the more interesting. Of all the songs that the people song, which is bost beloved, oftenest heard, most widely known!

We must confine namelyes, naturally, to songs sung by the English-speaking peoples, written, as to their words, in the English tengue, and this restriction just as naturally brings to

and this restriction just as naturally brings to the fore the various patienal authors and patriotic songs which are, undoubtedly, very widely sung, and, in some cases, servicely

More Henoured Than Loved.

I suppose "God Save the King" is as well known as to its first verse and its tone as anything of its kind in existence, and is played and we as often as any other piece of music in existence. For that very teason one does not exectly love it, even if one can be said rather to respect and honour it. Its universal use does not mean an equal popularity and affection for the song itself, apart from its official associa-

As for the Scot, although his patriotism is not to be doubted for a moment, no one supposes that he would rather sing either "God Save the King" or "Rule, Britannia!" than "The Campbells Are Coming," or "Scota Wha Hae," or "Bonnin Dundee," or "The Cock o' the North," Even if he wished to oxpress his highest patriotis fervour, however, he might not choose any of these, but would more probably turn his thoughts and his voice to "The Blue Bells of Scotland" or "The Land of the Lead."

Reaching the Nation's Heart.

And why? Because it may be confidently laid down that no song which simply and solely voices the spirit of patriotism, of pride of race, or appeals only to the fighting instinct, will over take first place among a country s song heart, the song of sentiment, which gets the suffrages of the people. And by this I do not mean a sentimental cong—a cong which rhymos "kinesa" and "blisses," and "love" and " dove."

Why are "Killamey," "The Harp That Once," and "Kathleen Mayourneen" more truly national sough than "The Wearing of the Green" or "God Save Ireland" I The answer is obvious. These songs belong to the racegenius of a great people, and touch a much deeper well of continent. In other words, they tench the nation's heart.

Filling a Temporary Niche.

Of late years, many songs have been written which have filled a niche in the national life, and especially during the war, have made a place for themselves in our national annels, yet they have not really survived. Such a song is "Tipperary." I doubt very much if this song will be found a hundred years hence side by side, any, with "Tom Bowling," or "The British Grenadiers," or "John Peel." Other similar songs were "Smile!" and "Home Fires," and "The Long Trail." These will always remind us of the war; but it seems even now impossible that they can take their assured place among the great sungs of our

Such a song as "Land of Hope and Glory is, naturally, in quite a different category. It has come to stay. As long as Britons sing, they will sing "Land of Hope and Chary," But it will never be sung very familiarly. It has all the elements of immortality, but not of wide

popularity.
It would appear to require a special brand and blend of qualities to constitute a song which has in it immortality and popularity combined. There are songs which are introvited which have never been widely popular, such as "Drink to He Only with Think Eyes" and "Go Where Giory Warts Thee," and many of the great songs of Shakespeare, but there are others, which inherently have fee ages but here worth, which will not only live for ever, but be

A Touch of Tragely.

But there are songs which both as literature and in their musical setting seem to achieve a double claim to immorta ity and popularity. In Scotland Burns achieved this double victory Scotland Burns actieved since " Mook with " Yo Banks and Brace"; " Mook " On the Lewis schieved the fest with "On the Banks of Alian Water, and it will be noted instantly that these two songs, one by the greatest of Scotamou, the other by a rather communiplace Englishman, achieve their end by very similar means. There is in both songs a touch of tragedy, a wistfulness of sentiment. a reminder of the ever-recurring andnesses of That is why Shelley said a profound and deeply authentia thing when he told us that "our sweetest songs are those that tell of saddest thought."

Akin to Tears.

Take "Home, Sweet Home," for instance Who will deny that it is a sad song 7 Although it sets out to be cheerful, it ends with a sob, and it is always akin to team. Even "Annie Laurie" seems to have in it "tears from the depth of some divine despair." It seems to contain the seeds of parting even in

The same can be said of " Auld Lang Syne." It is a sang of memories. The misty years have relied on and around thuse "dear dead days," and we look back upon them with a prignancy of recollection which, although it has much in it of joy, has a large element of pain.

A Choice of Three.

And those considerations seem to me to bring our argument to a point. I am strongly of opinion that the choice of the most popular, in the sense of the best loved, the most widely næd, the most generally appreciated, the most deeply touching of all British songs, most be made from three: "Home, Sweet Home, the song of love and longing; "Annie Laurie, the song of love and sacrifice; and "Auld Laurie," Sync," the song of leve and friendship, of

memory and comradeship.

Personally, I vote for the last named. It is the song which looks into the eyes of the present and even the reflection of the past. It is a song which is observe and yet is regretful. It is a song which is hopeful and yet wistful. It is, moreover, a song in the singing of which the whole Empire, aye, and the great English-speaking nation which was once an English solony, a nation which is proud to know that its laws are laid on the firm foundation of English precedent, join hands in spirit, and plight a troth of eternal contradeship.

[We shall be glad to hear from readers which vong they consider to be the most popular. Their opinions should prove both interesting and alterninating.—Ed.]

The Religion That is Broadcast.

Continued from the previous page. keep people away from church. But what evidence there is points to an opposite concussor. There is also good mason to believe that our services stimulate religious thought.

When the Rev. H. R. L. Sheppard, of St. Martin-in-the-Fields, asked listeners to meet him in the Albert Hall on a certain date, that great building was filled to overflowing. Moreover, broadcasting has brought the message of religion to many thousands of men and women who, otherwise, might never have felt its en-riching and purifying influence.

Most of the various church authorities have been quick to realize the value of the new medism. Bishops of the Church of England, Roman Catholics, Nonconformists, and the Chief Rabbi have all spoken from the London Studio during the past year. The broadcasting of such great rangious meetings as those of Cipsy Smith at the Albert Rall has increased the andience from thousands to millions, and has not diminished the number of those attending the services. For the bed ridden—the sged and the sick-the broadcast services have been and the stead boon.

Nearly all the religious Journals are enthusiastic supporters of our Sunday programmes. The Charch of England Neurraper devotes the front page of a recent issue to an appreciative review of Mr. Reith's book. After declaring that "the Churches possess a priceless asset in the goodwill and co-operation of the B.B.C., the Editor remarks that "it is abound to suggest that churchgoen will entrender their habits of attendance for what is obviously a poor sub-stitute." But he wants men. He suggests the formation of a society, and the catablish-ment of a special fund to suprove our Sunday programmes, particularly on the musical side. While we are unable to adopt the suggestion of a scourty and a fund, we are none the less grateful for such spleadid encouragement.

Unfortunately, there are still some church organizations that will have nothing to do with broadcarling. St. Paul a Cathedral is the outstanding case. Although some months ago we suffered a summary robust from St. Paul's we did not allow this to stand in the way of our helping the campaign for funds to save the Dome. We are glad to hear from The Times that the wireless appeal for St. Paul a has proved remarkably fruitful, Many listeners quite naturally expected that we would at least brondesst the bells of ht. Paul s in connection with the campaign. Millions would have been glad to bear some of the special music of the Cathedral Service on St. Paul & Day.

Proposals of this kind, sponsored by The Times, which has made the St. Paul's Fund its special charge, were met by the same unyielding opposition. However much we deplore such an attitude, we have not allowed feelings of pique or resentment to interfere with the progress of our effort to help in the saving of a great national heritage. But it is well that listeners should know that we are not responsible for the absence from the programmes of anything from St. Paul a Cathedesi.

FOLLOWING the publication of the new Dictionary of Modern Music and Musicians," Measure, Dent will publish a new series of books dealing with International Music, under the editorship of Dr. A. Englefield-Hull. It is hoped to have four books ready this spring: "Robert Schumann," by Professor Niecks; "Montoverdi," by Dr. Henry Prunices; "Amold Schonberg," by Egon Welker, and "Problems, of Modern Music," by Professor Adolf Weissmann.

GOSSIP fficial News and Views. Gossip about ABOUT

Lord Birkenhead to Broadcast.

BIRMINGRAM listeners will be interested to D hear that a speech by the Earl of Bickenhead is to be broadcast on February 20th. Lord Bickenhead will be the chief guest at a banquet of the Birmingham Chamber of Commerce at the Grand Hotel, Birmingham. The gathering is of a non-political character and Lord Birkenhead will respond to the tosst of His Majesty's Ministers.

An Edward German Programme,

The Cardiff Station has been fortunate in securing the co-operation of Mr. Edward Gorman for a programme devoted to this popular com-poser's works on Wednesday, February 18th. Edward German's music is as popular with the public as it is with singers and musicious; his slear are original, light and graceful, and his skill in orchestration is remarkable. The entire programme has been arranged for broadcasting by the componer himself, and with the inclusion of two popular vocalists, Mr. Herbert Heyper and Miss Nora Delmarc, an interesting evening to

Pantomine By Radio.

The Manchester Station is producing a pantomine, Cimberelle, on Saturday, February 21st, under the auspices of Mr. Victor Smythe. assisted by members of the "2ZY" Dramatic Company, and others.

" Old Joe and Company."

"Blump" speeches and plantation melodies to the strumming of the bango irresistably bring to mind the old days of the " nigger" minstrels. This is the object of a novel interlude in the Cardiff Station programme for Friday, February 20th, when "Old Joe and Company" (including the Darktown Coon Band), will revive the atmosphere of the Swance River and the old minstrels.

On the same evening the Cardid programme, aptly entitled "The Charze of Variety," will include a repeat performance of A Nasty Night in Nabia, the play which formed a part of "aWAS" "Nubian Programme" on New Year's Eve.

A Famous String Quartet.

The Chamber Music programme arranged at the London Station for Thursday, February 10th, is of more than usual interest. It includes the Katcher String Quartet, which made such n brithant entrie into broadcasting programmes some months ago. Miss Ethel Bartlett, a panist familiar in wireless programmes, will assist them, and the vocalist, Mr. Brabazon Lowther, is an artist of individuality who has done much recital work in England and on the Continent.

A pranoforte Quintet in B Minor by Robert Chignell, who is known as a composer as well as a fine singer, will be performed. This is the second public performance of the work, which was written before the War. It is a short work in movement, full of beautiful melody, and to music-lovers it will some as a welcome indication of the conservatism and love of heautiful counds which exist still in some young composers' minds. Mr. Brabazon Lowther's songs will be in English, French and Italian, while two favourite areas from operas by Handel will form a second group.

Success in Important Works.

The Kutcher Quartet was formed in 1923, and after a year's work in private, gave a recital at the Æolian Hall, which met with great success. Critics were unanimous in their praise of their playing of such big works as the Delius Quartel. Mr. Samuel Kutcher, the leader, was a pupil of Albert Sammons.

Broadcasting by Concert-Goors.

The Manchester Station is organizing a concert in aid of the Lord Mayor of Manchester's Unemployment Fund. This will be relayed from the Free Trade Hall on Friday, February 20th. The programme has been arranged to suit all tastes. Those who enjoy singing will have the opportunity of hearing Miss Mavis Bennett. Those who like to sing themselves can take part in "John Brown's Body," and other popular songs of the kind. Mr. Albert Sammons will also be there, and humorous interludes will be provided by John Henry. These artists will be supported by the "ZZY" Augmented Orchestra, conducted by Mr. T. H. Morrison.

Lessons on Morse Signalling,

Mr. Marvey, Engineer in Charge of the Leeds— Bradford Relay Station, will give leasons on Morse signelling on Mondays, Wednesdays and Fridays, beginning on Pebruary 18th, immediately after the Children's Hour at 6.15.

Later Broadcasting.

During the period covered by this issue the following Stations will be broadcasting until 11 p.m.

Glasgow, February 6th; Aberdson, February 8th; Birmingham, February 13th.

A Treat for Organ Lovers.

The Liverpool Station will broadcast one of the most notable and popular features of Liverpool musical life on Saturday, Feb-ruary 14th, when the famous Saturday afternoon Organ Recital, given by the City Organist, Mr. Herbert E. Ellingford, at St. George's Hall, will be relayed. The St. George's Hall Satrelay Organ Recitals celebrate their seventieth unniversary this year, and the broadcasting of the Recitals by the Liverpool City Organist is an event which will be eagerly awaited by Liverpool listeners,

The St. George's Hall organ, built by Henry Willis, to a large extent under the guidance of S. S. Wesley, the legendary doyen of organists, is considered one of the finest in the world.

An Old-Time Evening Party.

The Belfact Radio Players will present In Hour to a Mid-Victorian Drawing-Rosm on Monday, Pehronry 16th. Listeners will overhear, as it were, an evening party of fifty years ago, the conversation of those present, a song or two of the period, a recitation, and in the manner of the day, a piane duet.

In contrast to this hour in the Eighties, the Belfast Station Orchestra will conclude the evening with a programme of English Orchestral works by such modern composers as Quilter, Butterworth and Hamilton Barty

Welsh Programmes.

The new series of Welsh programmes at the Cardiff Station has aroused much enthusiasm amongst the Weish speaking people is the Principality and, accordingly, arrangements have been made to continue the series indefinitely. To-night, Friday, February 6th, Miss Dilys Jones-Thomas will sing Welsh folk songs, and Mr. Tom E. Ellis will sing songs by modern Welsh composers. Mr. J. Lloyd Morgan and Mr. W. J. Groffydd, both of the University College, Cardiff, will deal with Welsh musicions of the pinetoenth century and Welsh literature respectively, and Welsh recitations will be contributed by Mr. Dan Matthews, of Pontardu-

Plays from Plymouth.

The Plymouth Station will present a programme of abort plays produced by Mr. William Macrendy, the Dramatic Producer of the Birmingham Station, on Friday, February 20th.
The programme will include a comedy, Delicate
Ground, a dramatic episode, A Daughter's
Charce, and a farce in one set, The Irish Declor.

" Britain's Task in India."

Listeners to the Nottingham Station will have the opportunity of hearing a famous British explorer talk on Friday, February 20th, when Sir Francia Younghusband will explain some of the problems of Britain's Task in India.

Purcall's " King Arthur,"

Mr. A. Collingwood, F.R.C.O., will conduct the "2RD" Operatio Choir when it performs Purcell's King Arthur at the Aberdeen Station to-night, February 6th.

Fishing Village Romance,

Something of the romance of the fishing village will be broadcast from the Leeds-Bradford Station, on February 20th, in The Maid o' the Ins. This is a comedy with music, written and arranged by Mr. Cecil Moon, the planist and director of the Harrogate Royal Buths Quartet.

" High and Low-Brow,"

Beliast Station will broadcast a programme comprehensively outsiled "High and Low-Brow," on Thursday, February 18th. For the "highbrows" there will be John Ireland's Sonata in D Minor for viulia and plane, played by Miss-Winifred Small and Mr. Maurice Cole; for the "low-brows" the Station Orchester will play musical comedy selections, and the Bucgerweisen Weltz, of Strause

Spanish Scenes from Glasgow,

Spanish Scenes from Glasgow.

A programme of "Spanish Scenes," introduced by Mr. José Clarace in a talk an "Old Spain, will be broadcast from Glasgow Station on Thursday, February 19th. The music, which includes 'cello soles by Miss Beatrice Evelyn, and songs by Mr. Roy Henderson (baritone), is almost entirely by Spanish composers. The remainder is based on Spanish themes and folk songs.

Rumian Music at Bournemouth,

A Russian Symphony concert will be given from the Bournemouth Studio on Sunnay, February 15th, at 3 o clock. The Augmented Wireless Orchestra will be heard in Telmikovsky's Fifth Sym thony and the Overture "1812." Miss Winifeed Small will play the Tchsikovsky Violin Comesto with Orchestra, and a short recital of

Russian works.

The recalist will be Mr. Adolf Rabin, the Russian tenor.

A Dickens Recital.

A Dickens Recital from "Oliver Twist" will be given from the Plymouth Station to-night, February 6th, followed later by a specially written one-act farce entitled A Stenage Proposal. Popular vocal and instrumental music will be included in the programme, and a talk on "Through Jungle and Forest to the Beart of Africa," by Mr. J. H. Thomas, M.C., Ex Administrator to the French Government in the Congo.

Talks on Engineering.

Mr. A. S. Ackerman, B.S. (Engineering), is giving a series of S.B. talks on Popular Fallacies in Engineering. He is a Consulting Engineer and author of "Popular Fallacies." Though most of those to be dealt with in this series of talks are connected with engineering, Mr. Ackermann hopes to deal with them in a manner which will be of interest to those who are not engineers. These talks are 8 B. to all stations.

Wireless and Wild Weather.

Why Broadcasting Cannot be Blamed.

"WE cannot hope for any decent weather so W long as this wireless goes on." This remark attered, as a rule, with a sad little shake of the head, is one that is frequently heard nowadays from people of all kinds. There is, in fact, a firm conviction in the minds of thousands that wireless is responsible directly for all the vagaries of our clauate.

If you press for further information on the point, asking how wireless can do these thin, you are generally told that, up to a couple of years ago, things were quite normal, whilst now they are "all anyhow." Your informant goes on to explain that both the atmosphere and the other receive such a shaking up every night whilst broadcasting is in progress that practically anything may be expected to happen.

A Drop in the Ocean.

Now, let us see whether there can be any truth at all in the bellef that windess is to be blamed for the curious ups and downs that we experience. To the man in the street, wireless and broadcasting are synonymous terms; one to him means precisely the same thing as the other. For this reason he regards wireless as having started on a large scale when the R.B.C. stations were erected. Actually, of course, broadcasting is a mere drop in the ocean when compared with commercial wireless, and many of the world's most powerful stations were in active and constant operation many years before broadcasting in this or in any other country was ever thought of.

And, further than this, long-distance stations had to use very great power in the early days of wireless, since neither the transmitter nor the receiver had reached its present state of perfection.

Very Little Change.

If wireless really was to blame, not only our weather, but the whole world's weather, would weather, but the whole world's weather, would have been badly upset for many years prior to the advent of broadcasting. On looking at records, do we find that this is so? The answer is that we do not. The typeperatures in all four seasons have been just about what they always are, taking them as a whole; the rainfall has not been excessive, nor have we been unduly elaited by droughts. visited by droughts.

And now about these broadcasting stations. The nine main stations in this country, which operate on the shorter wave-lengths, are each rated at 14 kilowatts. The nine of them together thus have a power of 134 kilowatts, which is equivalent to 18 horse-power. If we add Chelmsford's 16 kilowatts and the output of the combined relay stations, we get a total for broadcasting in this country of a little over to home power, which, when you come to think of ft, is not a very large amount. It represents, roughly, the same amount of energy as is required to propel a dozen small motor bicycles or one large car. It hardly seems that this trifling power can have much to do with weather

Wireless Always Existed.

But actually wireless did not begin two years ago, nor yet ten nor twenty years ago; it has been going on incressantly since the beginning of the world, though until recently we have known nothing of it because we had no apparatus to detect its presence. You cannot make an electric spark, however small, without sending wireless waves out into the other. Nature is constantly making aparks of a size which dwarf all our human efforts. These aparks occur during thenderstorms, when lightning flashes from cloud to cloud, from cloud to earth, or from earth to cloud.

It has been calculated recently that the energy

of a single big lightning flash, if it could be collected and harnessed, would be sufficient to supply all the electricity required by London and the Home Counties for eight minutes, and that the energy flung out during a thunder-storm lasting for two hours would be sufficient to provide the whole of the lighting and power required by the British Isles for ten days.

Test This Yourself

It is safe to say that at any moment there is a thunderstorm raging in some part of the globe, any single flash of which causes more disturbance of the other than the united efforts of all the

wireless stations, broadcasting, commercial, naval, military and private in the entire world. Wireless really plays a very small part in the electrical disturbances of the ether and of the stmosphere that are continually going on; and if wireless is a more tride by the side of lightning the energy put out by broadcast ag stations is as nothing by the side of that diserpated by other wireless stations. You can easily verify this with the help of your own receiving set. If it is s censitive one, you may be able to tune in ten or a dozen British and Continental broadcasting stations. Leave the broadenst band for a moment and tune to 500 metres. There you will hear not one or two transmissions, but a perfect babel of sound from the ships and the shore stations with which they are communi-

If you can get up to the high wave-lengths. you will find a still more striking illustration of the immense volume of commercial trailie. On 12,000 metres and upwards, even a small set will bring in scores upon soones of transmissions; in fact, unless your receiver is very selective, you will find that you are compelled to listen to half a dozen or so at once. And remember that, whereas broadcasting stations work for just a few hours out of the twenty-four, the hig commercial stations are in operation almost without ceasing day in and day out.

Trees as Asriala.

A point made to me by a friend a day or two ago, whilst this question of wireless and the weather was under discussion, was that I was not quite fair in maintaining that there was really very little more wireless now than there was three or four years ago. He said : "There may not have been much more power sent out, but it was being reserved at only a few points. To-day, there is hardly a garden in which you do not see an aerial mast, and this, somehow, seems as if it ought to make a difference.

This is a new way of looking at the matter, but there have been serials all over the country for a good deal more than half a century, picking up wireless transmissions when there was any op wireless, and atmospheries long before that. What aerials y you ask. Why, the telegraph and telephone wires which run everywhere over the land. The same thing is true of trees, especially in the summer, when they are filled with sap and covered with juley

19,000 Miles of Wire.

Really, our acrises do not amount to anything very much in comparison with the telegraph wires alone. If we take it that there are a million aerials in use in this country, and that each of them is of the full regulation lengthactually, of sourse, this is not so-we find that the total amount of wire used in them is between 18,000 and 19,000 miles, which is simply nothing compared with that suspended between the think that we can justly blame wireless when weather conditions are not quite to our liking.

E. DE POYNTON.

Do You Broadcast?

Rules for the Amateur Transmitter.

N most of the districts served by the British Broadcasting Company's stations one or more experimental transmitting stations are to be found, and it is to this source that many complaints of interference have been attributed. Unfortunately, the average opinion of termed in amateur circles in that the experimenter has little respect or sympathy for the crystal receiver in the next house.

Forbidden Hours.

The amateur transmitting station is usually litensed to employ a power of 10 watts (this amount of current is about equivalent to power consumed by a pair of motor-oar side lamps) and is decreed to use a fixed wave length of 440 metres and a range of wave lengths lallow 200 metres. Under the conditions laid down in the permit issued by the Postmaster General calter an examination of the qualifications of the experimenter), the successful applicant may conduct his experiments in radio telegraphy or telephony-subject to the following restric-

The fixed wave length of 440 metres may not be used during the hours in which programmes from B.B.C. stations are taking place

The experimenter is fully untitled to use this wave length after the B.R.C. programmes have concluded, irrespective of any Continental broadcasting which may be in progress.

More Freedom.

In the lower band of wave lengths, the experimenter has more freedom, for he may employ either telegraphy or telephony at any time during the day or night, providing that he has first ascertained whether his trousmission is likely to cause interference to other stations, and that his transmitter is accumtely tuned.

Should be receive information from a Government or commercial station that his transmission is causing interference to their particular service, he must cease transmission until again notified that he may carry on.

This, however, does not apply to broadcast receiving stations which cannot compel an smateur to cease working should they suspect the amateur of causing interference.

Very few experimenters now use the 440 metre wave length, as the only free period is during the few hours on Sundays before the breadeasting stations come into operation.

The amateur transmitter is not permitted to use "spark and many complaints have been made of more interference from a powerful amateur station using "spark." In most cases the cause has been traced to shipping and constal

In Congested Areas.

The B.E.C. wave band at present does not extend below 300 metres and, therefore, a clear 100 metres separates the amateur from the B.C.L. (only one foreign broadcasting station uses 263), and it would appear that no possible interference could court. In congested areas where several norms almost touch, and in many cases run parallel, shock excitation is, unfortunately, noticed when the transmitting station is using telephony.

Very few amnteurs use telephony (even on

shorter wave lengths than 100 metres) during broadcasting, but to avoid any possible chance of overhoaring such transmissions, the broadcast receiver should endeavour to protect himself to the full extent by using a loose coupled aerial circuit—the cost of such an arrangement is not excessive and the advantages are many.

J. A. P.

Listeners' Letters.

[All better to the Effect to to acknowledged must beat the nation and address of the section. Accordance contributions are and musiciped.]

From a Youthful Listener.

DEAR SIR, - We have heard that some people do not approve of the wireless besome for schools, but I should think the people who say these things do not listen to the talks, or else they would change their opinion. Our school just loves the wireless and we think it a great treat to be able to listen. Last year, our teacher had only the headphones and only five could listen at once, so the girls went in for your counce in poetry, and the boys to the talks on "Wild Birds." But this term our teacher has rot a loud-speaker and diffeen of us can listen at once.

We were very sorry and disappointed that we could not go in for the exam.; but owing to the illness of our teacher we were unable to listen to all the lessons. We hope that the B.R.C. will not take any notice of those letters which the people wrate and keep up heart, for we love the talks and think they are grant

Braybrooke. Yours, etc., (Em) C. C. (age 14).

"Asking for More."

DRAB SIR, -After 40 years as a Public School Science Master, I have settled in a wee cut by the side of a whispering wood and a habiling burn, so far remote from men that the only visitor from week to week is the post-girl, yet for the last year and a half, or more, the B.R.C. has made it almost the centre of the universe, certainly of the world.

I write to plead for a certain continuity, if such he possible, in a certain section of your activities. Would it not be possible, when you 5 B," no the first of a series of talks to arrange that we shall get the rest of that series? Recontly, we received Obver Lodge and a British Drama League Recital, and we should dearly like to have the sequels to these; but we know from experience (e.g., the Bragg series) that our local station will soon chip in and say, in effect in All thes is too high-how for dwellers in tentawe will send you our Mr. Davy Medones 'On the rise of the Mercantile Marine, or put up a callow youth who has got a copy of the 'Ency-clopedia Britannium,' has read up an article, and is hurning to let you know of his discovery." And then they ewitch off Bragg and we suffer

It is emsperating when we are given a taste of good things and then are left gaping for more; still more so when our Radio Times writes our epitaph with "S.R. to all Estationa except — and up comes Davy McJones to fill the gap. This is not a "grouse"—just Oliver arking for more "Oliver" and other things after the first taste of them.

Sterbogahire.

Yours, etc., A. S. B., M.A., F.C.S.

" At the Piano."

DEAR SIR. Your contributor R. P. in his article, "At the Piano," writes: "How often does a listener listen to the scoompaniet when a vocalist is singing? I, for one, listen more to the accompanist than to the singer. However good the vocalist is, if the planet is feeble and weak, I immediately shut off till the item is finished.

One artist was the best plants I had ever teard, because he accompanied, I believe, his own songs, and the plane on that occasion was predominant.

Your, etc.,

Ipowich. A. F. C.

(Continued in column I, page 293.)

"Round the World in Music.

The Romance of National Folk Songs.

PARTICULARLY interesting programme A PARTICULARLY interesting programme will be broadcast from London and Chelmstord on Monday. February 9th. With the attractive title of "Round the World in Masse," it will contain examples of the music of many countries, including folk songs from Holland, Sweden, Denmark, Italy, China, Malaya, etc.

There are, probably, an songs in the world that are so interesting as folk songs. Composed, as they were, by the people and for the people, and handed down ornly through numerous generations, they show, perhaps, more than any history book the tastes, ideas and emotions of the various nations.

Scottish Bards of Old.

As to the authors of these songs, no one oan name them and they will probably remain for ever anonymous. There is no doubt that originally most folk songs were intended to be accompanied by a dance, for dancing is one of the earliest known forms of expressing human emotions, indued, the very word "ballad" which so aptly describes this type of song is derived from the French baller, meaning to dance.

The folk songs of England make a wonderful collection, and there are, no doubt, still many that have escaped the attention of the folklarist

and the collector.

It is, pechaps, only natural that the plots and ideas of many of these songs should have been taken from Ceitic and Saxon sources, and some may even own their origin to the Greek and Slavenic peoples.

Favourile Plots.

Scotland, too, is rich in fulk rouge. The courts of the old Scottish Kings had their hards whose onty it was to compose ballade, and the strolling minstrel was a regular feature of old Scottish life.

There are few races, however savage, without their folk sougs, and it is a remarkable fact that many of these sough tell the same stories. even though thousands of miles separated their

Thus, in many look songs we find the story of the girl who pretends to be dead in order that she may be carried into the presence of her lover. This meldent is sung in countries as far apart as Scotland, Germany and Provence. A variant of it is about the beautiful young bride who shams death to escape being married

to a man she does not love.

Another favourite theme is that of the cruel stepmother. Ill-treating the helpless children of her husband, she is one day confronted with the ghost of their mother, which so frightens her that from that time onwards also amends her evil ways.

Haunting and Plaintive.

Many of the folk songs, too, are in praise of gold, eliver and various precious stones. Such songs are to be found in France, Finland, Turkey and other countries, and are supposed in some cases to have had their origin in the East, where the lave of jewels and gold and silver finery is proverbial. It seems more likely, however, that the poverty of their authors induced them to sing about wealth beyond their wildest

It is a noteworthy fact that animals endowed with human speech and attributes are to be found in all kinds of ancient literatures, and another popular folk song thome is the bird that talks. This phenomenon occurs in the songs of many countries, including France, Serbia, and Africa.

The music of the less-enitured nations sounds harrible to most Western ears; but there is something haunting and plaintive about many of the folk songs of these nations, and the words often show a wonderful depth of feeling. For instance, the Malays have a great knack of extemporizing plaintive songs about events in their daily lives. Many of these are soon forgotten, but others are carefully remembered, and are sung on important propries, such as woodings and national festivals.

Judged by our ideals, the Chinese cannot be ralled a musical nation, Indeed, Berting, the famous composer, went so far as to say that they "sing files dogs howling, like a cut screeching when it has awallowed a toud." Mevertheless, China is rich in folk songs which largely deal with love. Others are about domestic life, and there are many funeral odes, while one which is extremely popular is called "The Hannts of Pleasure.

Among the Eskimos.

Somehow or other, one would not expect to find a liking for music among the Eskimes : but Namen, the explarer, describes them as "astonishingly musical people." This, however, has been disputed by some authorities who say that most of their music has been borrowed, and that their melodies are taken from Europeans who have visited them. However this may be, that they have their own folk songe is undoubted.

A particular favourity of theirs is called Ammaya, but it is certainly not notable either

for its music or for its words.

Even in Tibet folk songs are to be found; but so little is known about this land of mystery that it will probably be many years before an adequate collection can be made of them.

" Homely " Peasants.

Among European nations folk songs abound overywhere, these of Germany and Russia being especially interesting. This is not to be wondered at when one considers the intensely imaginative and "homely" natures of the German and Russian peasants. Folk songs, at their best, are the songs of home life, embelieshed with the imagination of their authors, and as the home, fairies, hints and animals and the fear of ghosts and "Nature sprits" played so large a part in the lives of country folk the world over, it was but natural that they stought have append these in the songe that they should have song of these in the songs children.

"Counting-out" Rhymes.
Of great interest to the folklorial are those numerous songs sung by children at their games, many of which have some to me from time immemorial and whose origins are lost in the

mists of antiquity.
"Counting-out" rhymes, which are used by children of most nationalities, are probably among the oldest of these, and in 1888 a Mr. Bolton collected no fewer than eight hundred specimens of these ourious survivale from an unknown past.

As enterprising young girl student of one of London's commercial colleges has found a new use for the wireless set lately installed at her

Auxious to improve her shorthand speed, and unable to get anyone to read or dictate to her, whenever the broadcasting programme includes the "S.B." of any notable speeches, she makes a point of being ready with note-book and penell in hand and 'phones on head to endeavour to take down the speaker's remarks. These are afterwards trauscribed and a comparison is subsequently made with the printed reports in the daily newspaper.

Continental Broadcasting.

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

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LYOF LA DOUA - 538 m. 10.30 a.m., Gramophone Com., News, Stock Each. (Irrog.)

GERMANY.

GERMANY.

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or Come. Sport. Weather, Nowe; 9 p.m., Com.
Workdays | 6.25 a.m., Time big., Naw, Weather | 7.30,
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Thance Kowel | 11.56, Time big. | 12.10, Ragish,
(Wed.); 2 n.m. Political Steen Markets; 3 p.m.
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Wuman | 2.30, 100, Reputator | 4. Lee. Markets; 5 p.m.
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And or Operator | 3.0 p.m. Menter, Markets, Sport |
9.50 p.m. Newel (Bengilsh); Dance (daily, see, Sun.).

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ETELY (OE P) - 1,150 (c.

Weekdays 10.50 a.m., 15, 12.55 p.m., Stock Exch.;
4 p.m., Con. (Web., 5a.); 6.50 p.m., Loc., Nows,
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KOMAROV (OKR)—1.800 m, 2 p.m., Stick Exot., Worther, Nowe (weeklays); 5.50-Con. (Thu.); 9 e.m., Con. (Sun.).

2 p.m., Stack Expl., Weather, News (weekslays); 5.50. Con. (Thu.); 9 a.m., Con. (Sun.).

HILLIAM.

COPENHACIEN (E job release Backinfonish ion)—470 m.
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Weekslays; 5.23 p.m., 6 and 9 p.m., Kews, Worther,
Time.

HYVAN-1-1025 m.
6.30 p.m., Eng. Lesson (Wed.); 7 p.m., Con. (Ton., Ftl.)

HOLLAND.

AMSTERDAM (PCF)—2.000 m.

Daily: 7.55 ° a.m. to \$.20 p.m., Nows, Stock Exch.,
Time Sig. (0.55 a.m. and a.10 p.m.).

AMSTERDAM (PCF)—2.000 m.
8.40 p.m., College (Man.).

HLYVERSUM (HDQ)—1,050 m.
8.40 p.m., Children (Man.): 7.40 p.m. Relay of Amsterdam (PCF): 1.40 p.m., Coll., Exch., Exch.,

From Man. (Coll., Exch.): 1.40 p.m., Lee, and Con.

FOO.): 1.40 p.m., Coll., Extr.):

VOSSONIAT (In)—1,050 m.
7.41 p.m. Weather,
1 p.m. Weather,
2 p.m., Weather,
3 p.m., Serred Service (San.)

HUNGARY.

HUNGARY.

Bill hoorfs from 6.12 a.o., News, Stock Earls.; 10 g m ... (on (dady); 11.50, News.

ITALY.

HOME (1805-121 m.

1.20 and 8.25 a.m., News | 4 p.m., Orch. | 1.55 p.m., News | 4 p.m., Orch. | 1.55 p.m., News | 4 p.m., Duc. | 5 p.m., Duc. | 6 p.m., Duc. | 6 p.m., Duc. | 6 p.m., Duc. | 6 p.m., News | 1.0 Time Sig. Con. | 5.20 p.m., Stock Resc. | 1 p. 10. Con. | 5 p.m., News, and 7.50 p.m., News,

JUGO-BLAYIA. DELGRADE - Lake m. Sown Weather (Ten., Thr., San.) Weather, News only (Mon., West, Fri.)

NORWAY.
CHERTIANIA (OSLO) - 145-250 m. (wave longth in the definitely fixed).
About 1 50 p.m., above deally Tests.

SWITZERLAND.

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News, Send 715 pan., Con., Naws, Weather, GESTY 4 (1911) 2,650 m.
DROY VIII, Lee, Cov., San., LAUARDNE (EDS). 4500 m.
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B.B.C. French Talk.

The following toX will be given from London by M. E. M. Siphine on Thereigh, February 12th. M is pointed from to a olds pictures to below the appelor word for word.

DE LA PRONONCIATION FRANÇAISE: DES CONSONNES.

Legate businesses projected and of the desired controllers and the state of the sta

construction of the pair sentence. Consumeration of the construction of the constructi

Les mots submine se terminent par des encountes southers: marre, conf., breche, prospe, tarde, brigher, pro-ple,

then the above French Tall. M. Stephan will recate the following lables by La Fundama. La Rivan " - La lastiere at le Fed no Lail." of La Austronia Maladen de La Pere.

In a recent issue appeared a photograph of De Groot's Orchestra showing Mr. Serge Krish at the piano. We are now informed that Mr. Krish is no longer with De Groot's Orchestra, and that he now has an orchestra of his own.

Listeners' Letters.

(Continued from page 233.) Listuding at Kinety-One.

DEAD Str. I should like to add my testimony to that of others, and to say what joy and brightness the wireless can bring to those who have "dropped out of the running," and who are cut off by age and infirmity from the joys of life.

I am 91, and totally blind, but well able to enjoy the music and speeches brought to use by wireless, and if the speaker is not too fast, I can hear and enjoy it all.

Yours, etc., Minsbead.

The Broadcasting of Spoken Words.

Dran Sta. — I notice in The Radio Times that a lintener saked for more "Spoken Words" to be broadcast, as these "come over" best of all I quite agree with him, but might suggest that a little more care should be taken over the sprakers and their subjects ?

Recently, I was very disappointed; for the "Topical Talk was so hadly delivered. Surely, there are many people who could get their words over, even if the subject were not interesting to all listeners.

Worcester Park. Yours, etc., R. H. G.

Wireless for the Blind.

DEAR Sta,-Perhaps it will interest your readers to learn what this Mission is doing in the way of wireless for the blind.

Some time ago my Directors agreed to instal fifty crystal sets in the homes of blind persons who are confined to bed or to the house. They allocated for this purpose £100, being at the rate of £3 per set, including Beence. Thirty such sets are already installed, and the instal-

lating of the remaining sets is rapidly proceeding.
A gift such as this brings a new world within
the reach of the blind, and those who have
already been the recipient of sets are load in their proise of the programmes; they especially enjoy the Church services. We find that they keep their headphones on for hours at a time, as they wish to hear all they can

The public have generously subscribed a bandsome sum which will mean the installation of additional sets, and if any other of your readers care to come to our help, their support will be warmly welcomed.

Yaum, che., Glasgow. WM W. NESS. (Superintendent, Mission to the Outdoor Blind for Glasgow and the West of Soutland.)

Britain's Vocal Standard.

Dzak Six,-I quite agree with Dr. Yorke Trotter that the standard of singing in this country is not so low that we have need to be ashamed of it. But there are one or two points in his article that are, in my opinion, liable to cause confusion in the minds of vocal students. The term "bel canto" simply mosts beautifur singing, and this includes both the declaratory and "contabile" styles. The declaratory and "contabile" styles. The declaratory singing demanded in Wagner's operas is not at all different from that of the old Italian singers when singing dramatic recitatives. It is true that contable singing is not demanded so often for the rendering of modern compositions. But if declaration is not built upon the sustained breathing required for contabils emping, it ceases to be amping and becomes injurious to the performer's vocal organs. The emission is apposive and the tone harsh. The required effect should be obtained by a vigorous acceptantion of the consonants, but at the same time

keeping the breath under perfect control.

The bel casts, which Dr. Yorke Trotter seems to think old isshioned, is even more necessary for the modern singer to enable him to combat the difficulties set him by the modern composer. Yours, cto.

Golder's Green, N.W.11.

D. F.

PEOPLE IN THE PROGRAMMES.

The Little Minister.



THERE can be no doubt that Lord Kitchener knew a good wan when he saw one. He had an eagle eye for what may be called the likelies." He once said: I should like to start an Imperial Secret Service and put that clever little fellow Amery at the head of 16."

Column AMERY.

That "clever little

calcast AMERY, follow Amery "-or, to vive him his full name, Colonel Leopold Charles Maurice Stennett Amery—is now Colonial Scene-tary and, incidentally, the smallest man in the Cabinet. A journalist by profession, he served ten years on the staff of The Times. He also corved on the staff of the Army in London, Flanders and Saloniku, and is a glutton for

When, some years ago, he married a sister of Sir Humar Greenwood, his honeymoun was postponed in order that he might fight an eartion.

Horsymmus," he said, "will keep. Elou-Lines won L."

A Party Story.

ALTHOUGH Colonal Amory will, no doubt, A be in a serious mood when, on February 10th, be talks of "The Economic Development of the Empire," humour is one of his strong points. Among his best stories is one of an electoral candidate who asked a stalwart, forbidding-looking

woman what party her husband belonged to.
"Take a book at me," she said. "I'm the
party he belongs to."

Another Great Conductor.

BRUNO WALTER, who has been chosen as conductor for the third B.R.C. International Symphony Connert on February 12th, is an international musician of the first order.

All his early work was done in Germany and Austria. At the age of seventeen he was appointed sépétiteur at the Cologne Opera House. After that he took up important posts

in Hamburg, Vienns, Burlin and Munich.
Lately he has been winning faurels in Vienna,
Amsterdam and New York. In England he is
recognized as one of the greatest masters of the

The Carredus Brood.

M ISS CARRODUS TAYLOR, comes of IVI mesical strick. She is related to the violinist Chrodus, who was femous in his day as leader of the London Philharmonic Occhestra. She was a favourite pupil of Carl Fuchs, playing second 'orlle in his quintet.

In Northern Ireland she has now established for herself an important position both as teacher and performer. She will broadcast 'cello solos from the Belfast Studio on February Oth.

A Highland Fling.

THERE will be great doings on the MacRac Clan Night in Glasgow on February 13th. For one thing, Kenneth Mackae will sing- and to hear his randering of "Glencoe" is to conjune up a vivid ploture of the dark epot which stained so unhappily a page in the history of the High-

For another thing, there will be the speech of Licut. Col. John MacRae-Glistrap, President of the Chan MacRae Society, who will give a short sketch of its history, and who, ten years ago, negaired the island and castle of Eilean Donan Kintail, round which has centred the Clan history for five contuctes,

An Early Starter,

MISS MURIEL M CHILDE, who will be heard at the Belfast Symphony Concert on February 11th. began her career at the muture age of two when, in imitation of her mother, she pase a rousng performance of one of Tom Moore's Irish meladies. Since that day she has never looked back!
Miss Childe has often
appeared at the Belfast



Studio and sang at the official opening ceremony. Her charming children a songs and stories are one of the most popular features of the Children's

A Man of Clee.

EONARD SALISBURY also began young. When still in knickerbockers he heard the Meister Gloe Singers and was so impressed

that he resolved straightway on his career.
Later un, he formed the Orcaham Glee Singera.
While leading this famous quartet in The
Bing Boys and The Bing Girls. Mr. Salisbury
also acted as Lay Clerk at Southwark Cathedral and Lay Vicar at Westminster Abbey. He has now founded the Salisbury Singers, who made their bow to an mascen audience from London in October last.

He will broadcast again from the High-Power Station on February 10th.

" Becoming " Performances.



Miss MONA GREY.

board her first brood-

easting performance oppose on that, and books' forward to her reappearance at the London Studio on February 11th. Her child voice is per-

THE shild imitations of Mona Grey are

unique. Everybody who

feet. It is not a falsetto. but a properly produced

performance is not so inuch imitating as becoming, for she declares that she has to feel like a child before she attempts to sound like one.

Nothing annoys her more than to be asked : "Docan't that child voice strain your voice dreadfully ?" It doesn t. Readers are therefore warned not to write in with that query of to across the R.B.C. of having invested into the studio a toddier who ought to be in hed !

A Threesome.



Mr. BRET HATDEIL

BRET HAYDEN B broadcasting from London on February 10th, was the first enterining for Leva Ashwell in her Concerts at the Front, Has performed in France. Germany, South Airen, India, Egypt and Pales

Note Norway, oulbell entertainment with

Mollie Seymour, the violinist, on February 14th. Has performed before Princers Beatrice, Princers Marie Louise, Princess Victoria, and the late Prince Christian

Dr. Kendrick Pyne, organ recital, Febru-ary 14th. Organist to All Saints' Church, Esth, at the age of eleven. Now President of the London Guild of Organists. "OYEZ!

WIRELESS PROGRAMME—SUNDAY (Feb. 8th.)

the fellers " 5.0." printed in Halice in these programmes alguly a Recultaneous Broadcast from the station men-	The Orchestra.	Anthem No. 967, " 1
2LO LONDON 365 M.	10.0 TIME SIGNAL FROM GREENWICH. WEATHER FORECAST and GEN.	The Hev. E. F. KNIG
THE GLANHOWY CONCERT PARTY	Stationa Local News	Chair Numa No. 215 10
FLORENCE HOLDING [Soprano]. HARRY TUCKER [Boos].	10.15. Beatrice Harrison (with Orchestra). Concerto for Violomello and Orchestra in D	Chor, Hyma No 211, 550, THE 6BM
EDITH HILTON FAGGE (Solo Pianaforte)	The Ordentra. Hayda	REGINALD S. MO THOMAS E. ILLI
JOSEPH SLATER (Safe Flate). CHARLES LEGGETT (Safe Cornet).	Hymns & St. Cerda Gouned	ARTHUR MARS
3.0. S.B. to ather Stations. Concert Party.	SIT BIRMINGHAM. 475 M.	First Movement from Tr
Down Among the Dead Men."	3050 THE STATION ORCHESTRA.	90 ETHEL BROWNLOW O Divine Redeemer
"The Hunter's Farawell" Mendelsonia (2)	Conducted by JOSEPH LEWIS. ISABEL TEBES (Soprano).	9.5 AUSTIN DEWDNEY
Fashish Alex R. Carte	WILLIAM CLARKE (Solo Bassoon).	Polichinella 'Cherry Ripe 'More 'Bo
Moment Moment Schubert, arr. Stater Edith Hilton Fagge	Overtore, "A Midsummer Night's Dream."	9.20 Trio.
Cavotte in G Major (From French Suite)	Op. 21 Mendelstohn Isabel Tebbs.	2nd and 3rd Meyezient Minor
Songs No. 1 in E Major Without No. 34 ("The Bees" Mendelstohn	My Heart Ever Faithful Book Frank Contell and Orchestra Concerto in E Flat Major (for Violin and	9 40 Ethel Brow How Lovely Are Thy
Words (Wedding")	Oschestra)	9.45. Trio Trio in C
3.35 Florence Holding. Nymphs and Shapherds' Parcell (11)	"I Will Go With My Father A Pleaghing " R. Queller [4]	10.0 - WEATHER FOREC
Deh viem, non tardar Maiart (11) Lollaby Chades Lacoutt	"Sussum Corda" Elgar	10.16. Austin De
"Are Maria" (By Request) Schubert Concert Party	Wilham Clarks. Humoresques Gug Jones	10 30. Close down
" Italian Salad "	"Over the Land is April" R. Qualter (4)	5WA CARDIFI 3.6430. THE CORY BIL
Juhn Perl J. E. West [11] "The Wanderer" Elgar [11] 4.0 Juseph Slater.	March, "Foneral March of a Marionette	Conductor J G MAY BURLEIGI
Bangeés and Mercot " Handel	William Clarke and Orchestra.	Overtors, "Rule, Britan
Spring Song" Mendelssohn Jig" Harry Tucker	Adagio and Roudo from Bassoon Concerto Weber	Selection, "The Position May Burl
Hawatha's Voice Coloridge Taylor (11)	Welsh Rhapsody German (11)	Our Little Home Thoughts Have Wings
Remarks Florence Holding.	6.0-5.30.—CHILDREN'S CORNER. S.B. from Bournemouth	Rig Lady Moos Band.
"The Lass With the Delicate Air" Area, err. A. L. As the Well " Bageman	6.30-2.0.—Hymn, "Allelum, Song of Sweetness" (A. and M., No. 82).	Cornet Solo, Air Varie,
Boring	Religious Address by the Rov. J. GOOD- YEAR, United Methodist Church, Wash-	(Soloist, A. TI Unfanabed Symphony, 1
4.55 Edith Hilton-Fagge, Gentsada Seressata Castilien Seguidillas	wood Heath. Hyms, "Creator of the World, to Thee"	May Burl
Valse in D Flat Major Chapin	(A. and M., No. 83). 9.0-10.0. Chamber Music Programme.	Sing, Joyous Bird" Still as the Night" "Morning"
"The Anvil" Adam (2) "Night" Schubere	ARTHUR CATTERALL QUARTET:	Intermezzo, "The Wod
"Y Delyn Aur" (Sung in Welsh) Pagha Founs	JOHN S. BHIDGE (2nd Viola), FRANK S. PARK (Viola),	Euphonium Solo, "O
5.0-5.30.—CHILDREN'S CORNER. S.B. from	JOHAN C. HOCK (Violencesla) The Quarter of Major of Majoret	Cheury " [Soloist, T. TI
S.O.—The Bells of St. Martin. S.15. A Simple Service	Allegro vivace assai Menuetto, allegretto: Andante cantabile : Finale, molto allegro	A Woman's Last W
in which all people can join. With an Address by	Quartet in E Flat, "The Harp" Beethaven Introduction, puce adagie leading to Alle-	"Thank God For a Gar
The Rev. JOHN KELMAN, D.D. Relayed from St. Martin in the Fields.	gre : Adagio : Scherzo ; Finale, allegretto	Here is the Quiet Hill Band.
Popular Orchestral Programma. S.R. to Glasgow.	10.0 WEATHER FORECAST and NEWS. S.R. from London.	Selection of Handel's So
BEATRICE HARRISON (Sale Violencedo).	Local News. 10.15. The Quartet,	5.0-5.30.—CHILDREN'S CO
Conducted by DAN GODFREY, June. 3.0. The Orchestra.	Bercense B'Osten-Sacken	8.30. THE "5WA" MA
Grand March, "Cleopatra" Mancinelli Norman Allin (with Orchestra).	Londonderry Air arr. Frank Bridge Canzonetta Vendelsenha	(A. and M., No. 370) Anthem, God is a Spin
"Il Lecerato Spirito" ["Simon Boccane-	30,30.—Clase down.	Mr. GEORGE M. L. for the University of
gra "I The Orchestro Touck!" Serenade for Strings " Touck!	50445 BAND OF THE IST BN.	The Politics of Gen
Dancing Doll Polding	THE ARGYLL AND SUTHERLAND HIGHLANDERS.	Hymn, "The Day is Pa
9.30. (approx.). Bestries Harrison. Orientale"	ALICE COOMBE. Relayed from	Benediction. 9.0. Gzeche-Slovakiar
Wagner Wilkemp, are Beatrice Hurrison The Orchestra	5.0 5.30, CHILDREN'S CORNER. S B. to all	INA JAMESEN (N THE STATION !
Intermesze, "El Salado" 4 netific Norman Allin.	8.30. Bescombe Congregational Church Choir.	Conductor, WARWICK
"See the Woy, You Rogues"	Hymo, "Saviour, Blessed Saviour" (Tune) "Newfolk Park" (No. 155, Cangrega-	A number against a musical it of its publisher. A key list of publisher page 367.
"When a Makim";	tional Hyumary).	brice 103*

Am Alpha and HT. R.D., of Rec. Lord of Our Life."
TRIO:
OUAT (Vision),
LINGWORTH ello).
sTON (Piano).
rio is C Minor
Mendelescha
Suprano) V (Mezzo-Soprano)

Counsel (12)
(Solo Pianoforio) Rachman nan Cyrd Scott Mour Cardiner (17) Is from Trie in Cl. Dwellings "
Liddle (1) M nor M ndelszohn AST and NEWS, local News. ewduey. Chopia F. 251 M. VER BAND: DOBBING H (Soprano). nnia Rimmer
Locising Eric Coates

Litta Lehmann
Coloridy Toglar (1) "Robin Adnir"
Hacturen lat Movement | Schubert leigh. Montague Phillips Gml Bahm. Oley Speaks iding of the Rose" Ruddier Than the HOTMAN. leigh. ord Granvolle Bantock Teresu Del Riego lla " ... Geenla Corne ongs, Melody" ... Rimmer ORNER. S.B. from er, Strong to Bave ALE SEXTET. Bierndote Bennets DAVIES, Ex.M.P. Wales, will talk on Rev. J. B. Dykes n Programme. SYMPHONY

TRA tage indicates the name blitters will be found on

WIRELESS PROGRAMME—SUNDA

The relators "S.B." printed in staling in these programmor algority a Simultaneous Broggious from the station mon-tioner. Orchesten Overture, "The Bartered Bride" Suctions
Inc. January
"If Through all the Wide
World"
"Mether Said"
Darling Nan"
"In St. Nich ias Regiment"
Orchestra.
Overture, "In der Natur"
In a Januaren. Ina Janssen. Orchestra
Overture, "Sample"

10.0.—WEATHER FORECAST and NEWS.
S. S. from Landon. Lucal Nove.
Orchestra.
Symphonic Poem, "From the Fields of
Bod. "The Silent Fellowship."

10.45.—Close down. MANCHESTER. BAND OF THE SALFORD POLICE.

(By kind permission of the Chief Constable.)

Conductor, TROS. WILSON,

JOSEPH MARKHAM (Tenor). Murch, "Heroic" March, "Heroic" Saint Sa Bosonemouth.

R.C.-S. G. HONEY: Talk to Young People.

Hynn, "O na chawn i dwg Nyfryd."

The Rev. J. H. LLOYD WILLIAMS, of
Moss Side Welsh Presoylerian Charch Moss Side Welsh Presoylerian Chaich
Religious Address.
Hymn, "Wels cawsom y Messials."
Chamber Music,
8 45 THE "2ZV" STRING QUARTET.
Quartet in A Major, Op. 18, No. 5 Beathern
Allegro, Minuet; Andanto Cantabile
(with Variations); Allegro.
Quartet in A, Op. 111, No. 1 - Rouger
Allegro Modorato; Scherzo (Pessio);
Adagio Espranivu; Finalo.
10.0 - WEATHER FORECAST and NEWS
8. B. from Landon. Local Naws.
10.15. Quartet in D Minur, No. 13 - Messiri
Ave Maria.

10.30.-- Close down

5NO NEWCASTLE. 400 M. 3.0-5.0.—Programme S.B. from London. 5.0-5.30.—CHILDREN'S CORNER. S.B. from

Bournemonth. 6.30-7.45. Service relayed from Benevick Chapel. Prencher, the Roy. T. H KIRKMAN.

MARY LOHDEN (Soprano) BERMANN McLEOD'S STRING QUARTET,

9.0 - Pianoforte Solo, Capriccio in F Sharp Minor (Soloist, MAY CONN.)

8.5 —Movement from Trio in G M nor Receiper

9.25, Mary Lohden.
The Lass with the Delicate

Rustic Songs XVIII Century.

8-45. Quartet, Irish Dance, "Melly on the Shore"

Quartet, Scotlish Dance, "Celly Sach"

Anon.

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

10.15. Quarter Variations on Austrian Hymn Hoyan 10.25.-Close down.

ABERDEEN,

3.0-5.0.-Programme S.B. from London. 0-5.30 .- CHILDREN'S CORNER, S.B. from

Facini Maria.

Carden Piace U.F. Church Choir.

Faalm 83 (Tune, "Biroudwater").

The Rev. THOS. ANDERSON, M.A.,

Carden Piace U.F. Church: Beligious

Address. Hymns 606 and 506.

GEORGE DUNCAN'S CHOIR AND

ORCHESTHA.

Orchastra.

Orchestes.

1250h 771. Hyun 254 (Tone, "St. Petersburg").
Antibein, "O How Antible Are Thy
Dwellings". Simper [2]
MARJORIE D. CHALMERS (Suprano).
Homing". T. det titego

Hymn 325.

Dechesten.

Hynn 205.
A them, "Alide With Ma" ..., Thempson
Paraphrase 45 (Tune, "Crimond").
10.0.—WEATHER FORECAST and NEWS,
8.B. from London. Local News.

Orchostra,

The Heavens Are Telling " Hayda

Hymn 351. 10.25,—Close down.

GLASGOW.

3.0-5.0.—Programme S.B. from London. 5.0-5.30.—CHILDREN'S CORNER, S.B. from Bournesseth

Choic The Rev. WILLIAM WALLS, of Yoker Parish Church: Religions Address. Hymn, "O Jesus, I Have Promised."

Prayer. Prayer.
Hymn, "Christinn, Seak Not Yet Repost."

8.0.—POPULAR ORCHESTRAL PROGRAMME. S.B. from London.

10.0.—WEATHER FORECAST and NEWS.

8.B. from London. Local News.

1. 10.10.30.—Programme S.B. from Landon.

A suspler against a manical item indicates the name of ite publisher. A key list of publishers will be found on page 10%.

High-Power Station Programme. EXX. 1600 M.

SUNDAY, February 8th. 3.0-5.0.—Propramus S.H. from London, 6.0-6.30.—CHILDREN'S CORNER. from Bausumouth. 8,0-10.30,—Programme S.B. from London.

MONDAY, Feb. 9th. THURSDAY, Feb. 12th, FRIDAY, Feb. 13th. 5 30-6.15.—CHULDREN'S CORNER SH.

Iron London.

6.40 onwards.-Programms S.B. from London.

TUESDAY, February 10th.

8.30-6.15. CHILDREN'S CORNER,

from London. 1.0-7.20. Programme S.H. from Lundon.

"Star " Ballad Concert CARMEN HILL (Messo Sopmon).

SYDNEY COLTMAN (Tenor).

SYDNEY COLTMAN (Tenor).

ANGUS MORRISON (Solo Piasoforte).

JOHN HENRY
THE SALISBURY SINGERS.

Salishary Singers.

"Tune Thy Music to Thy Heart"

Thomas Campion

"O Mistress Mine"

" O Mistress Mine "

" Drink To Me Only With Thine Eyes"

" Drink To Me Only With Thine Eyes "

" By Colia's Arbour"

" By Colia's Arbour"

"To Deleiso" Love'n Philosophy ".... Roger Quitter (1)
"Loud of Silence " Roger Quitter (1)
Prelude in Augus Man

Augus Merrison.
Prelude in H Flat Major

John Henry on "Thangs in General."

Carmen Hill.
"Cradle Song" Aenold Baz
"Thened a Piper Piping" Aenold Baz
"Oh, Dear, What Can the Matter Be?"

"Passepted Gallwog - Cake Walk" Dobness
John Henry
on "General Throne" Bold Turpus "Bold Turpus" Bridge (11)
"A Ballad When at Sea A H Brower (11)
"The Mullingan Musketeer Atkinson (2)
9 30.—WEATHER FORECAST and NEWS.

S.B. from London.
Prof. R. S. RAIT. S.B. from Glasgan.
10.0. THE SAVOY BANDS, S.B. from London.
11.0. Close down.

WEDNESDAY, February 11th.

7.0 WEATHER FORECAST and NEWS. S.B. from Land. Prof. T. H. PFAR. S.B. from Manchester. 7.30-10.30.—Programme S.B. from Lundon.

SATURDAY, February 14th.
5.30-6.15. CHILDREN'S CORNER, S.B.
from London.
6.40-7.30. Programme S.B. from London.
7.30-8.30. Programme S.B. from Cardof.
9.30-12.0. Programme S.B. from London.

WIRELESS PROGRAMME—MONDA (Feb. 9th.)

The initere "B.B." printed in tiplies in these programmes aignify a Rimultaneous Bruestant from the station mentioned.

LONDON. 365 M.

3.15 July). Transmission to Schools Mr. GEOFFREY SHAW on Music 4.0-3.0.—Time Signal from Greenwich. "Ve to 8 of Vertice," by Carmon of Case 5 or Mr. performed the first Alternation Teams the Transmission. "What a Four-Year-Old Cas. Do At More, by Music Wrinely.

Wrinch.

5.30-8 Ib. CHILDREN'S CORNER: "The Beetle Hast Wasted to be a Star," by Christine Channeler, A Story by E. La Beston Martin, Auntis Sophie—Franciscte Soles.

6.40-6.55.—Boys' Brigade, Boys' Life Brigade and Church Lane, Brigade Bulletins.

7.5.—TIME SIGNAL FROM BIG BEN. WEATHER FORDCAST and 15T GENERAL NEWS BULLETIN. S.B. In all Statement.

Mr. W. D. LANG, D.Sc., Dept. of Geology, Natural Bistory Missisco, "The Sea Share—The Cloffs of the South Coast," S.B. to all Stations. Local News.

"Round the World in Music." 2.30

A Circular Tour

March, Culored Boges Pine Solo, An Engush Caprice

Overtore, "Finant's Cave ... Mendelsone IRELAND.
"The Lark in the Clear Air"
"Fraddisenal, art. Liza Lehmann
The Londonderry Air"
Vistal

Jerono Muspley," The Irishman at Harrison "The Foggy Den "

BELGEUM. Debasy

"The Heabunconne"
HOLLAND

Folk Some (The Giant Song." - I Saw Two Bears." DENMARK.

Folk Song, " Liden Karen. SWEDEN.

" Boat Song " (Unaccompanied) Halian-Swiss

Folk Sange | Loro Song " Abrami | Holk Sange | Holning Song " Lorobordy

AUSTRIA.

Violin Solo, " A Viennese Walts" are. Kreinler

"Agora viniese un viento"....Old Spanish From "Les Lathistes Espagnols du 10s. Siècle.)

"Granddings"

Recent Spanish, Estaban Englada

Yielin Solo, "Arabian Melody", Glaconness INDIA.

"A Bindu Picture". Houses
THEY.

Native Music by Lamps from Tibet, with
Descriptive Chart by Capt, J. NOEL,
F.B.G.S.

STREETIA-... Mouseingake

TIME SIGNAL FROM GREENWICH, WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN. S.B.

Topical Talk. Loral Neve-

10.0. Continuing the "Round the World "Tour

MALAYA

Malay Folk Songs, "Plate Dence."

"Tog of Wer."

CHINA.

Violin Solo, "Chinese Folk Song."

An Illustrated Five Minute Chat

Japanese Music Making, by C. Pollard Cowthen

CANADA.

"Land of the Maple and Beaver"... O'Neill U.S.A.
Jereme Murphy will Discourse on "The Irishman Abroad."
Selection of American National Airs

SOUTH AMERICA.

HOME AGAIN.
The British National Anthers
to The English Irish Welsh Spanish,
Perluguese and S. American Sang comp
by F. H. Etchwerrin the French
Datch, Swiss, Italian and Malayan by
Forms Chair and the Notregues
Dunish, Swelish, Firmish and German
by Kari Forims.

10.50. - Closs down.

BIRMINGHAM 475 M.

3 30 4 30.- The Station Wind Quantet. Fairn-

3.30 4.30.—The Station Wind Quartet, Edimbeth Hensen (Seprence).
5.0 5.20.—WOMEN'S CORNER: Sidney Regers, F.R.H.S., "Plants for Small Gardens." Anne Sanders (Contratte).
5.20. 0.20.—CHILDREN'S CORNER.
6.30. 6.41.—Tecns' Corner: Norman E. 1.
Guest, B.A., History Talk No. 6, "Towns and Guilds."
8.4. 0.51. For Alleitment and Small Holders.
Mr. Whytelwad of the Ministry of Agraculture. Here to Purchase Eggs for Sating.

TO WEATHER FORECAST and NEWS.

S.B. from Lendon. Mr. W. D. LANG, S.B. from London. Local News.

A Triple Bitl

THE STATION PLAYERS; Under the Direction of WILLIAM MAUREADY. UNA TRUMAN (Solo Pianoforte).

Pinyers.
"CHEATING THE HANGMAN"
A Drame in One Act by Walter V. Garrod.

Harvey Otton (An Estato Agent)
WILLIAM MACREADY
Morgaret Otton (His Sister)
EDNA GODFREY TURNER

County Town Hotel.

Una Transas.

Blapsodie, Op. 70, No. 2 }

Baro Den Jonson Alee Roneley
Waltz-Shebeh Rarry Hodge (31)

Players.

WHERE THERE'S A WILL."

A Farce in One Act by J. M. Morio.
Mr. Buzzard FRANK V. FENN
Mr. Gloumer E STUART VINDEN
Mr. Small WILLIAM MACREADY
Mr. Buzzard EDNA GODFREY TURNER

0.15. Alleges Maderate

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

10.0.

Players,

"A DAUGHTER'S CHOICE."

A Play in One Act by Donald Edwardes.

Margaret Herta

EDNA GODFREY TURNER.

Litian Horiz EDNA LESTER Honry Herts. M.P.

WILLIAM MACHEADY Scene, A Room in Hertz' House, 10.10.—Close down.

68M BOURNEMOUTH. 188 M.
2.50 J.G.—Talk to Women by Mr. R. HartSymnot (Bursar of St. John's Codlege,
Ostord). R. T. George (Songe at the
Piano). TRE ROVAL BATH HOTEL
DANCE ORCHESTRA, releved from
King's Hall Rooms (Musical Director,
DAVID S. LIFF)
2.6-3.55.—Children's Corner.
3.6-5.05. Boys' Brigade, Boys Life Reigade
and Church Lads' Brigade Bulletins.
3.6-6.36. Solvies' Hall He Protection.
Place in Our Ristory,' by F. W. Law
rence, A.C. P.

rence, A.C.P.
7.0,—WEATHER FORECAST and NEWS.
8.B. from London.
Mr. W. D. LANG. S.E. from London.

Comic Opera Night.

. 30. "LES CLOCHES DE CORNEVILLE"

Capt W. A. FEATHERSTONE.
Produced by
GEORGE STONE and W. R. KEENE.
3.30.—WEATHER FORECAST and NEWS.

S.B. feora Landon.
Topical Talk. Local News.
10.0.—"Les Cloches de Corneville" (Continuod).

10.30 Close down.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 100.

WIRELESS PROGRAMME—MONDAY (Feb. 9th.)

The letters "0,0." printed as italian in these programmes signify a Simultaneous Broadcast from the sinting matri-

GARDIFF.

3.3-4.0.-Falkman and his Orcheston, relayed from the Capitol Cines is

4 45-5.15.-- " 5WAS " " FIV O CLOCKS

5 IS-8.0.—CHILDREN'S CORNER

8-40-6.55.—Dr. Jan J. Simpson, M.A., D.S. "Romances of Natural History

10. WEATHER FORECAST and NIWS B.H. from Landon

Mr. W D I aN: S.B from Landon. Local News.

Popular Programme.

MACDE CAVE (Soprano). FRANK TYLEY (Entertainer). JOHN HINRY and BLUSSOM THE STATION ORCHESTICAL Candidator WARWR K BRALTLWATE

7.20. Oechostra Selection, " Cha Chin Chow

Selection, "Cra Clim Chay A " 6 (3)
Selection of Hermann Libras Popular Songs.

Frank Tylev

My W le's Oske " ... Frank Wood (7)
The Bassimon " ... Quantan John " Whoops a Datey " ... Lange Bothery (5)

Or see ...

Since A Layor in Dunmeeus "

S : The Purple Vanc ? . . . And ffe al.,

Contan Divi "Down in he Forcet ' | A Cycle of La

"Temple Beds" (Indian Love Lymes")

Woodforde Fonden ()

Frank Tyles

"Im To Med to Death I'm Single

Melville Gideon (7)

" Wad. Wild Mee of Borneo Meantle -

1 30 WEATHER FORECAST and NEWS S.B. Jrops Landon. I 4 wal To k

LOUIS NOWB. din Henry and Hissaur. Outstay Their Welcture

Orchestra Sc te, "Romantique Ketelbey 1) 38. -Close down

2ZY MANCHESTER. 375 M

*0 3.30. Music releved from the Piccadilly Picture Theatre. Conductor 2.0-4.30. Picture Theatr Stanley E. Mills.

3.30-4.0. Brondeast for Secondary Schools

A Rest to the Hotel Henry

5.0-8.0. -CHILDREN S CORNER

told (See Mr. P. B. mold Armed A. ween

7.0. -WEATHER FORECAST and NIWS. S.B. from Landon

Mr W D. LAN. S.B. from London Local News.

" Round the Stations."

30. Excerpts from the programmes of var. as B B.C. Main Stations.

WEAT UPR FORM AST and NEWS. S R. from London. Topical rolls. Lanca Naws

PAG. FODEN WILLIAMS (Entertemer). in Selections from his Reportoirs, to 30. - Clase down.

NEWCASTLE.

3 25-5 15.—Freda Johnston (Conteato), George H.J. (Tenor), Ralph Buston (Flautst) Weesly News Let et. Lisin Robins "Mage Cings."

5 AO.-CHALDREN'S CORNER.

BA : "The Life and Works of Repert Brook

a.20-0.35.—Boys' Brigade, Boys Lif Brigade, and Church Lade Brigade Bunctum.

35 i Re.—Farmers Car et Mr. R. W. Wheldon : "Temporary Leys."
White The FORECAST and NEWS.
S. I. from Lindon.
Mr. W. D. LANG. S.B. from London.

Local News

"By the Shores of the Mediterransen,"

THE STATION BY VIEWN

Cre HSTRA
Contactor F.I.W.RD CLARK.
Orespect
Two later against The Jews of the
Madonna."
Ferrors f 1 1 1 1 1

Five Creek Fack stongs Rand

"Le Rayou de la Mariée, La Bas vers

IT gran," "Out Gaunt, Cancon des
Caedicuses de Leviseques," Tout Gaut "

Orchestra.

Suite, "L'Artenenno" Buse
(With Orchestra)

El Amar Brujo" ("Wedded by Witcheraft)

El Amar Brujo" ("Wedded by Witcheraft)

Ant of this Sense: "From the Cutton
Fields" (Frongy, February 20th,

9 C.—It terval

H 20.

S 65 9 C. —It terval

O. THE "ANO " REFERTORY COMPANY
AN OLD-FASHION: D. GIRL."
A Broadesst Play by Ar but Temple.

Frank Schey ... FBLD PATTERSON
John Mackett ... ALAN THOMPSON
An bro .. Per and RENDRI W MILSON
Anno Featth BAL NT REE (N
The Action passes also at night on the open
road, and then within Pelara's Farm

House

Produced by GORDON LEA 9.30.-- WEATHER FORES AST and NEWS. S B. from London. Topical Tolk. Local Nove

TILLEY & DANCE OP. HESTRA.
Replayed for a
Replayed for a

The Grand Assumbly Rooms, Rarras Bridge. 10 30.---Close down.

3.3 5.4 (*** The Wreless Danes Or-caustre Fernance Topics , 3.6.6.—Child DREAS CORNER Agree tures at the France—(1 he Mosse Story written by E. M. G. R. 6 0.15-6.30. Oil Guidet News H. dieta. Mis-garet Mistell. Talk to the Brownes on "The Brown Ow.

CHAPPELL

and WEBER

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

6.40-6.55.—Boy Scouts' News Bu setan: Cub-master Mess Cooper on "Cub Badges— Group 2, Handeraft."
7 0.—WEATHER FORECAST and NI-WS. S.B. from London. Mr. W. D. LANG. S.B. from London. Local Nows

7 30 .- A NIGHT WITH CHARLES DICKENS.

S.B. from Giuspoic

9:30. WEAT.H.R FORECAST and N. WS.
S.B. from London
Mr GEORGE MACDONALD. S.B. from

Fact tyle

QLASGOW. 55 C. 420 M.

3.30-4.59.-The Wireless Quartet. Betty Reid

(Contralte). Afternoon Topus.

5.15-6.0.—CHILDR_N'S CORNER: Our
Posts' Corner: "Spenser and the
'Facry Queen'" (Continued), by Marion Henderson.

Henderson
6.0-6 5.- Weather Forecast for Fornoon.
6.10-6.55.- Ompar on "Rugby
7.0.- WEATHER FORECAST and NEWS,
8 B. from London.
Mr. W. D. LANG. S. S. from London,
Local News,

A Night with Charles Dickens.

S.B. to Abeniess, Dundes and Edinburgh, THE STATION ORCHESTRA Coducted by
HERBERT A. CARRITHERS.
CRUE DAVIDSON (Contracto).
DR KENS RECITAL
Under the Direction of
PERCIVAL STLEDS, B.A. Oxon).

7.70 "Children's Overture" . Roger Qualter

Burbara A' a

"Darby and Joan Molicy

10 The following Science are presented by the

10 The following Science are presented by the

10 The Science I are presented by the

Nicholas Nickleby ").

11 A meta by the science of Party "

Nicholas Nickleby ").

12 A meta by the science of Price,

10 The meta by the science of Price,

10 The meta by the science of Price,

10 The science of Man Trotwood Interviews

10 Martin The science of The Science of Martin Trotwood, Mr. Dick,

David, Mr. Mardstone and Mas Mardstone.

incidental Music by the
" 58C " STRING QUARTET
Urchestrs.

Solve Orchestra.

Solve In Days of Old ' Ball

London Bridge " London Bridge " A solve "

"Cherry Rapo" "Cherry R.po" Tradit o at The Arrow and the Song" But a Orchestra Entracte, "Thru' Lovers' Lans" ... Hear

9.30. WEATHER FORECAST and N. w.s.

S.B. from Lot do: Mr. GEORGE MACDONALD, S.B. from Local News.

Orchestra. Selection, "Habo America".
I att acte, "Laughing Eves ".
March, "Boys of the Oal Brigade Myddl son

19.30. - Close down.

A receiver against a arteried form indicates the succe of its publishers. A key list of publishers will be found as page 368,

THE CHILDREN'S CORNER, CONDUCTED BY THE

Sands of the Sea-shore.

HILL MO Here is a talk that you will certamly like. It is by Mr. W. Campbell Smith, of the Natura, History Masseum

The sea-anore is full of interest to all lovers Not to and of the common objects of the sea above, the sand is, sure, y, the most familiar

Sand consists of innumerable manute rounded substances minerals very elean and free from mud, and with nothing to Lind the grains together into a solid rock | 1 In this west saids they may be a twelfth of an inch a r a with the finest sands they measure no more than one two-hardered and eligible of an habitation were to some the a r of med am gramed sand, y a could cover 2,000 gra us with a penny at Many Different Kinds.

If you examine any of the sands from the s q to the description will find that white or pole yellowsh grains, some of them are quite colouriess and clear. These counts, mostly, of quartz or rock-crys al, but some of them are of mother moral and 11 m. March to these pass grams are often a few of darker colours, black grams of magnetite or ilmente

, dark red same s, and a host of other minerals of increasing scarceness to be - h as these in Great Britain are quartesands, but in other parts of the world there are patches of sand of quite different composition.

On the shores of some volcatic -eand is basek and consists of bits of basaitlava, and grains of earl-coloured to a talawashed out of the vincanic rocks.

If you exenune a handful or same from beach, you will be struck by the a coo to of the gram-size and the cleanness or absence of any fine mud. The sand is one of the products of the wearing down of the hand down to the sea by the great rivers mixed with silt and mod, and sometimes gravel, and the see is always at work graining, washing and re sorting this mass of sediment.

You can watch this growing process going on a v sandy beach. The sea is always trying to eat its way into the land, so wherever the chills are of soft rocks, the sea hollows out bays. Although the see is constantly cating its way forward, the waves cannot cut away the rock a below water level, and so in most have you have below the water and sand a lone gent y cloping platform of rock. This is 1 eca a wast ing value

Ton Work of the Waves,

You will have noticed how above the high tule mark the sand gives place to a pebbly beach, and how, as you go further from the herest till you come, perhaps, to great houlders at the foot of the chis. This grading into wests the work of the waves. The wave rushing forward carries in a mixture of mud, sand and peoples, rolong them forward till its force is spent. As the water runs back, having or longer the force of the wave, it cannot carry the org stones with it; small publies ship back a little way, but these too soon drop, and only the fine sand is drawn back into the water tack to settle farther out on the shelving plat-Acres of the short

The sand does not always remain on the same part of the coast. Many of you will have noticed how, after a strong wind, the beach is filed up on the windward side of the break waters. Along the south coast there is a genera. drift of beach and shore materia, from west to east It is is due to the fact that the waves strike the above oldiquely, but the back-wash runs back down the steepest slope, making a little angle with the line of its approach. So the grains which go forward with the an Sq the same back a very little way farther along the shore

One observer found that a sand grain night rew sideways about one third of an meh for each time a wave carried it up and down th shore, and, to accompash this sideways shift, it must have travelled between four and live yards up and down. In spite of the very tedious method of progression, some sand grains are great travellers. On the west coast of Doningrk there are sand-grains of flint, which have copic from the chark cuffs of Normandy , this is 800 re les away as the crow flue, but the sand grains in their curious sig-zig course must anve traveard a million indes

It may seem remarkable that with all this washing to and fro the sand grams do not get worn nway. It is a case of the survival of the fittest, for when grains of a mineral as hard as quarte

as small as the grains of fine annd, they first so eas ly in moving water that they suffer airly any obrasion at all. These said grains are almost indestructible. Some of them mus-he as old as the sea itself—induceds of unifous of years old, wet others are being made in ths reams to day. So, as the contact must the amount of send must steadily income.

Musical Footsteps.

Under certain conditions, not yet properly inderstood, the surface layer of some said beaches can be heard to end a low musica. note as people while over it and at the same tone a tingling sensation is usually felt in the foot that starts the noise. In some way, the surface of the sand, when struck is set in action. vi gat on and the vibrations must be a flicamitte frequent and regular to produce a note. These tausica, beaches are not ancommon. They may be sooked for between tide levels where the sand is exceptionally clean and where the surface layer looses its interstitud water so that the grains are free to slide easily over each other Such beaches or patches of musical sand have been recorded in Great Britain at Studiand Ray, near Poole, at Shrinkle Havon, mar Tenby, near Barmouth, at Lauren, in Forfar, on the Island of Eure in the Inner Helmden and I have heard a good one at Porth Osr, in Wanes.

THE OLD LADY IN THE OAK TREE. By A. COLEMAN HICKS.



There stood a dear old lady that she was with perfectly white hear.

Dir Henra THE R. P. LEWIS little girl, but end to sound on For B (60) 2.50 she nearly uhoked poor fox - terrier, by huckling his colthat his eyes oulged, and Jim had to come to the rescue. She d. I not realize

And who we not know how sad poor pussy n was en-

amused her to see pass wandering from room arch of them, and mewing loudly

One lovely afternoon Phyllis and said k in the woods. Her mother had fold her to be sure to keep to the pach, so that she could not be lost, but "Spo" was to

mobit and disappeared into a clump of bracked so she knowled she and better follow him in case he got lost

On through the bushes and ferms the ran. every now and toon eatthing sight of "Spot as he drahed along, but getting no nearer to ham

At last she could go no further and sai down by a hage old oak tree to rest-she was he and fired, " Spot " was nowhere to be seen, and she had no idea wa to she was.

I don't care, she thought, 'he is sure' rome back soon, and he II know the way home

Just then she was startled by a soft voice cal ing her, said it seemed to some from the oak Loosing round, she saw that there was a soor in the big trunk, which she hadn't noticed before, and it was open. There stood a dear Old Lady with perfectly white bare. "Come in and rest, my dear," she said, "you're very tired.

bo Phyllis went in and the Old Lady shut the door

Phyllin found hersed in a big room lighted from above, and on the wall was written in sarge actions: "LANE ONE ANOTHER,"

In the roo of there was the strangest collection of birds and small anomals playing about together—ferrers and rations, eats and birds, weasels and hold mice, stoats and eteritors, and as all these are usually ensures, Physical greatly surpassed.

She was still more so, when she saw "Spat,

who had appeared from nowhere, go and sit a a basset with a large placid-looking cut. That's funny, said Phyllis, 'be can't bear

cate as a ryle, especially strange ones

All, when they come in me they harn to be kind to each other," replied the Oki Lad A tapping noise was heard outside, "That a

A tapping noise was heard outside, "That a Willy the Woodpeoker," said the Old Lady; be always comes at tentime-let him to Mabel, and, to Phyl's a surprise, the cut opened the door and in hopped a woodpecker who perched on the Okl Lady a shoulder and began to peek orumba from her hand.

" Now, Horsee," she said to a hedgehog was was surfed up asleep on the floor, " it a time you called in the mice for their supper-go and make a morse like a cheera

The hedgehog uncuried himself and scurned to a corner of the room, making a queer little squeaking noise, and a lot of little mice came no and begged on their hand legs in a row, after which, they nibbled their cheese.

When they beve finished," the Old Lady old Phyllis, "they will play 'Post-Corner' with Matel and my other car with whom they are great friends. Last it is time at went home now, or your mother wid or anxious. Never forget my dear obdd, always. be know to animals.

When her mother tota her she had been asken m a hammock, Phyllis thought als knew better But arthough sho searchen many timos she nover ogain saw the uear Old Lady in the Oak Tree

WIRELESS PROGRAMME—TUESDAY (Feb. 16th.)

The settery "2.5." privide in Railor in these programmes agaily a Simplianeous Broadcast from the station municipals.

2LO LONDON. 365 M

16 2.0.—Time Signal from Grounwoll. Concert the '2LO" Trie and Louise Gerard

3.15 3.45.—Trough snon to Schools; "The Country Side—The Farmer's Year

4.0 5.0. -Time Sagnal from Braco. Organ and Drahestral Masic, relayed from Shepherd a Bush Payllion. "The Messonary Vocation for Women," by Pt ville A. Harken 5. " 6.15.—CHILDREN'S CORNER. Kathe Greatsmath Solo Violen. "Peer Pop. In and B. 18. 18.

C416 - Br. 1903
C416 - Mr. CHARLES BROWN, * Berman and another seg.
TO TIMES NA FROM BIG B.N.
W. F. B. FORECAST and 181
G. S. RAL NEWS BLLLETIN S.B. to all Stations.

Ir. A. S. E. A. R. R. RMANN, B.Sc., R. R., (Lond.) A.M.I.C.E., "Popular Follows in Engineering and Science S.B. to all Stations

Midtary Band Programme.

Come Away, Dead | Mass one Mass of the Blow, Blow, Thou Winter R Quitter (1 W ad

The Board 8.0 (approx). builte, "Campanan Sketches Lupate Store

" Invitation to the Wol a Weber Weingartner

Best Hayder

"A Few Remarks
(approx.) The Paris)
"Jupiter" Hole (1) 8.50 (approx.). Mare ** - - 1

Parry Jones.

The Band Selection, "Reminiscences of Tel nikovsky

9 30.—TIME \$1. VAL FROM GREENWICH WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN & R

to all Stations
Prof. R. S. RAIT, C.B.F. 1,5 D., Seven.
Critical Moments in British History—
The Twenty Ninth of May "S.B foun.
Glasgow to all Stations Loca News.
The Band
Antiquenight Dance". Finch

10.0 Intermezzo, "Moonight Bance".. Pinch Solgenium, "Reminiscences of Walce"

Godfrey Torantella of Belphogor "Rock Albert (1 THE SAVOY ORPHEANS and THE SAVOY HAVANA BAND, relayed from the Bayoy Hotel, London. S.B. to all NZ ratarom et

1. 0. - Close down

BIRMINGHAM.

3.30 4.30. Lozel's Picture House Orches ra.
4.6-4.30. School Transmission: Principal Alfred Hayes (of the Hirminghum and Mahand Institute), "English Litera-

5 J. No. WOMENS COUNTY, Metros, W. of the Stanley Finebect (Tenor), 5 30 6.30.—CHII DREN'S COF'S Corner; J. V. C. see B.St., Assoc. L.R.E., "Stepping Stones to English Morney ar more

11 9 .- Prop . S B. from to

BOURNEMOUTH, 385 M

3 Talk to Women London Paper. The Bijon Mil tary Band Lina Chira connuo

(Sophino
6.0 c.0. CHILI ReAS COLATI
.0-6.30. Sed dark Had Hour * How Pictures
are Painted. by We for Heron
s 30 6.45. Farmers Talk The Rearing of
Clacks," by Mr. A. Teiner, County
Fourity Increator Dorset
s 0-11.0.—Programma S.R. for a sect

5WA CARDIFF, 351 M.
3.0-3.30.—Transmission to School 150 4.0 —The Station Trio.

(3.0-1.0-The Station Trio. (3.0-1.0) CARS 1 351 M.

Mr Isaac J Walastas, Keeper of Art and National Museum of Wales, ' Factors British Painters.

5 I5 6.0.—CHILDREN'S CORNER " R /bert 0 30 0.55. The Rev A. J. Penrse

i.0-11 0. -Programme & B I from Lander

MANCHESTER. 375 M. 12.30-130. Organ Made by H. Fitaroy Page,

Phontra 3 0 2.30 Concert by the "22Y" Quartet
4.0-4.30 Concert by the "22Y" Quartet
3 3 4.0.— Broadcast for Schools: Mr. E. Sims
Hiddich, "Musual Appreciation" (0,
4.30 5.0 WOMEN'S HALF HOLE
5.0 6.0 — CHILDIEN'S CORN. R

6.30 6.55.—Local Rudio Society Taly 7.0-11 0.—Programme S.B. from Low

NEWCASTLE. 400 M II 30 12 30.—Belty Gay (Sopreno). Tilley & Restaurant Orchestra. 14) I Brahms Afternoon Fisse Private (Violin), Olive Tormer II meter Betty Humber (Septuno) The Rev Herbert Barnes on 'Russell Lowell' 6.0. CHILDREN'S CORNER 7.0 [1.0. Programme S.B. from London,

ABERDEEN.

3 30-2-0,—The Wireless Sextes. Derntay Law-rie (Soprane). Feminine Topics. M. G. Ca. 1997, Hatelang Tone in too

Play, Dove V. o. o. C. o. Fields."

Harry Towned, M.A. o. 6 44 6 m

7.0 11.0. Programme S.B. from London

QLASGOW.

7 30-4.50. The Wireless Quartet. Plan et a Buchanan Solo Banjo and Mandanue). Atternoon Topics.

6 15-6.0.-CHILDREN'S CORNER: Rectal of Music for Young People. An After moon with Russian Composers. Singer, Mrs. A. M. Renderson Lecturer and Prairiet, Mr. A. M. Henderson. Lecturer and

8.0.6.5. Weather Forecast for Farmers. 7.0-9.0. Programme S.B from Londor 9.0 9.30. THE SCOTTISH OR HESTRA

S.B. to Edinburgh and Dunder Serenada for Strings, "Eine Kleine Na-Murik"

Musik" M art
Door Gymnopodies"
Krik Saite, Orchestented by Debussy

3.1. WEATHER FORECAST and NEWS.

S.B. from London.

Prof. R. S. RAIT, C.B.E., LL.D., h Se en Critical Moments in Brook 1 swary 1 Tenere v Nauk of May S.B. to ah

Last to Nowa.

100 .) I ogramme S.R from London.

A number against a musical item indicates the name on page 308.

EVENTS OF THE WEEK.

SUNDAY, February 8th. BIRMINGHAM, 9.0. Chamber Motte

Programme BOURNEMOUTH, 2.0.—Band of the 1st Batt. The Argyll and Sutherland High-

CARDIFF, S.S.-Czecho-Slovakian Pro-

MANCHESTER, \$.45.—Chamber Music Concert.

MONDAY, February 9th.

LONDON and "SXX," 730.—" Round
the World in Music."

BIRMINGHAM, 7.10.—A Triple Bill by
the Station Players.

BOURNEMDUTH, 7.30.—Comic Opera,
"Les Cloches de Corneville."

NE WCASTLE: 730. "By the Shores of
the Mediterranean."

GLASGOW, 7.30. A Night With Charles
Dickens.

Dickens.

TUESDAY, February 10th.

"5XX," 7.30.—Ballad Concert.
LONDON, 7.30. Military Band Programme. S.B. to all Stations
GLASGOW, 9.0.—The Scottish Orchestra.
LIVERPOOL, 7.30. Liverpool Philharmonic Society & Eighth Concert Conductor FUGENE GOOSENS.

WEDNESDAY, February 11th.
LONDON and "5XX," 7.30.—"The
Seven Ages of Man" A pageant in
Speech and Music.

BIRMINGHAM, 7.30.- English Music, Old and Now.

BOURNEMOUTH, B.O .- Winter Gardens Night.

NEWCASTLE, 7,30,-Music of the **Допыльом**

ABERDEEN, 7,30.—With the Composers
Elger and Brahms.

BELFAST, 7.30.—Symphony Programme.

THURSDAY, February 12th
ALLSTATIONS, 8.0.—Third International
Symphony Concert, relayed from the
Royal Opera House, Covent Garden.
Conductor: BRUNO WALTER.

FRIDAY, February 13th. BOURNEMOUTH, 7.30. Song Cycles and Light Music.

CARDIFF, B.O .- " SWA'S " Second Barthday

ABERDEEN, 7:30.—Music and Drama. GLASGOW, 7:30. Scota Night SHEFFIELD, 7:30. Opera Night.

SATURDAY, February 14th. IFF and SXX, 7 10. Light

CARDIFF and "5XX," 730. Light Symphony Concert. MANCHESTER, 7.30.—Organ Recital by Dr Kendrick Pyne, relayed from the Town Hall BELFAST, 7.30 .- " Nevelty Night."

WIRELESS PROGRAMME—WEDNESDAY (Feb. 11th)

		
The Inters " 3.8. promed to Hants to those programmed signify a Standingcont Greatest from the signor mentioned.	Mark PORCE L. L. H. C. C. C. L.	The State of the S
2LO LONDON. 365 M.	The mark of the arriver by the	True T t Lank SR pro M horr
3 3.4" Transmission to Schools: "Theory	Royal Hoctienbural Society. S.B. 60 other Stations. Local News	Loca N use
by Mr H. J. HINKS (Radio Association).	10.5. Pepular Programme.	Winter Gardens Night.
1 . T . Signal from Greenwich. Can-	The Orchestra.	THE MUNICIPAL ORCHESTRA
h a t-in (Sepanet "My Part of the	Selection, "The Co-Optimists" (7)	Conducted by Sir DAN GODI-REY
Country, by A. Bornet Laird. "Great-	Enterlaming.	EAL CRUICHSHANK COMM
I mar mother on Nurse," by Kalue	The Contra	6.6. Orehesta Grans, Marel. The Gassen of Shebo
5.18-6 . CHAIDREN'S CORNER	Fate to I to I to Kan , Tak	t nor t
Jeff C I w Man 4 D	and those rown.	Overt n 'W I am Ted f
Children Down the Ages—(1) The Stone Ages." 1 3 Sr Clai Rember o	SIT BIRMINGHAM. 475 M.	Ettid Cruwkahank.
The Real Rober Hood," by Violet M.	3.30-4.30,—The Station Planeforte Quinrel.	Orthon Theat that Land ! Then s
6.40-6 F T BRUAL BRIDGE Some	147 11 87 HOW CO.	Arms on the C Stroke J S. R. h. So a or approved Larger of
z · Aherfr	the state of the s	So a strangent Seeder of the 1888
70 TA MUNAL FROM BRO BEN WHATER FORELAST and MST	P (+ S, " Caye-man and the Amanda He	Orchestra
CENTER NEW BULLETIN, S.B.	Hunted "	"Two Irish Tone Piotures
to age State a	7.0.—WEATHER FORECAST and NEWS	Hor-pape ' Value O'Danuelt
for 1 1 balk, Make Black Payer from a	Prof. T. H. PEAR. S.B. from Manchester.	Band Crorelestatisk
I ried SB t White ar	LO 6 N. W.	Sent Write B. Shern street of the street of
A COURT NOW AND AND ADDRESS OF THE PARTY OF	English Music, Old and New.	Since The Some Same
"The Boven Ages of Man,"	14) 4	OF WALLS FORMAND AND AND
0.4 1 01 - 1 00	to the state of th	Land Nowe
KENNETH ELLIS (Bass).	GROFFREY DAMS (Tenor).	10.30.— Fogranists * B from Ford n 10.30.— Close dawn.
MONA GREY (Child Impersonations).	7.30. The Orderstra.	
H. E. JEFFREY (Rec tale)	Lucia I for a d)	SWA CARDIFF. 351 M.
THE WITHER PROPERTY	Chorus and Orchestra.	3.0-4.9. Falkman and his Orchestra, relayed
Conducted by STANFORD ROBINSON,	ner. Minister Jacobian .2)	4.45-5.15, " 5WA'S " " FIVE O' CLOCKS."
The Orchestry.	"When I Am Laid in Earth " (" Dido and	6.45-6.65,- Mr. J. C. Nowsham, on "The Man
Hunoreeque, "Baby's Sweetheart" Com	Part 111	approache i cela meany me toda
Age []	The Orchestra. Variations up "The Vicas of Bray"	LU-WEATHER FORECAST and NEWS
Kenneth Ellis (with Orchestra). The Admiral a Brown " Berge (5)	Old English Suite Bantock (11)	S.B. fram Landau.
* Three for Jack " Betring	8.30. Geoffrey Dems.	Prof. T. M. PEAR. S.B. from Monel
Dances from "The Blue Bird", O'Neill (4)	" Yinker's Song"	DOBOTHY RELABIGH (C)
8.0 (approx.). Mona Grey.	"Not Pull Twelve Years '	7.20. A.L. and ALVIN KEFUH
"10 pressions of Extreme Youth." The Orchestra,	" There is a Lady Sweet and Thomas Ford	' Hawmian Hula Mottley
Humoresque, * The Whistler and His Dog "	The Orchestra.	" Honojula Hula Girl
No. 115 Pripar	Benndistan Mackenzia (11) W. Land Song Guston Holst (11)	"Say It With a Ukufele," over Consud (6)
T1 3 9 p. m.	The Community Flat of	Dorothy Helmrich
Vanghan Williams	Six Old English Melodies orr Lune Wilson (1)	* Ourkoo "
Demand Davis (with Orchestra).	The Orchestra.	"I Know a Bank " Martin Shore (2 "Gn Nut, Happy Day "
"I Know of Two Bright Eyes". Chiteum. "Moves Ms Cod."	Incidental Music, "The Merchant of	" Go Kut, Happy Day "
Changem O ("In Love "I Frind	THE WEST AND CAST AS A S.	Sunga structure of American trans-
K - 1 See IV.	S.ft. from Landon. Major FORBES LEITH. S.B. from	"I'm Gon' South A Silver and B Woods (8)
* The Company Sergeant Major **	Royal Burticultural Society Talk, S.R.	That's My t 1 I a he may say
Nurdenna (1)	from London. Laral News.	"Hey, Eddie, Your Wite son the 'Phone' (6) " That Bran' New Gal" (6)
* Phosphalad	CASTANGE WENTER OF TERMS OF	The second
The state of the s	FREDERIC LAKE (Tenor).	* Robin Red Browt * con source in Bantoci
S. r. M. at 3 forth Barrier (11)	"Cherry R.pa Loss Erhmone	Ladlaby "Cyril Scott (4
Ago VI.	Charms Clubson	O steer, What total he May is so Frank Bendy
Dovis (with Orchestea).	"Should He Upbreed "" Redon	Kel and Alvin Keech.
A c. Where Art Thou ?	Sweet Nig stangars are Cecil Sharpe (2)	Sono, Russianena a Mady a 2 "Go Long, Mole "
At an Old Trysting Place V Mor Dongell	O Sugalidation of our Count Science (Lt)	"I've Got a Bung for Sam '
Chant d Automost " Tobalkowky	Producin Lake. 1 Ailsa Mine 2 Neuton (1)	Solo, "Sure As You're Roses"
R E Jeffret	"Ailsa Mine"	"California" (d)
ha Centenarian	10 10 Class foun	8.3a. A Waith Hour Quartet
Rend, on an Sons r	6EM BOURNEMOUTH, 385 M	Y In received the first
The Orthostra.	3.45-5.0 Talk to Women e "Professional	Madamo RUWLANDS JAMES
to persist a second transfer of the	So I see that the second of the property of	The Same of the Total of the Same of the S
United Ships Interference Sign	A DESCRIPTION OF THE PARTY OF T	A number against a company Nerts sufficient the name
to the Stategar.	ton of Buris," by Hubert Ball,	A number appliest a congress freets soldentes the escene of its positioner. A large life of positioners will be found on page 300.

NEWCASTLE. 400 M

2 45-5.15. Lilam Rowell (Contralto). The

6 0-6.20.—Scholard Half Hour: M. J. Say burn, M.Sc., A.LC., "Flowerless Plants —The Rometant and Typical Pine."

Station Septet 5.15-5-2; OHIL DREN'S CORNER.

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WIRELESS PROGRAMME—WEDNESDAY (Feb. 11th.)

he retters "A.R." printed in italies in these programmes nignify a Memblensous Bresdeart from the clatica mon-tional. е де е н Ме H C. Poweon, "Велов." North A company 1 WEAT 4FR PURES AST AND NEWS. Visitate I resident S. B. from London

Mar C. G. I EITH. S. B. from London.

S. J. From London

S. J. From Lo 8.B. from London Pro 1 B 1 AR. S.B. from Manch stee ERNEST EUGHES (University College-Swonson), Talk: "Welsh History Quistics" Music of the Dominions. PW, and We.

1. de et l'out. 1000, Welsh Pestivat Music
A C'AllE GAY

1. Hob Non Gisu Louad ... D. Prothero
Yr Alon ... W Dames
R. G. HERRY (Gwolodygarth). ... The
Weisaman's Moods and Tunses. DOBOTHY ROBSON (Soprano).

ROBERT CHI NELL (Bartone).

JAN VAN ZAI THE SATE OF HESTER. 10.5. Scottish Association for the Speaking of Le care v ne ne w WALTER V " be One Chas and he Stairs" Longfellow Orchestra Percy Granger On he are and the States Longitude States of the States of O Dere Di " Quartet × 30 Colonial Song Percy Granger
Dor of Popular Franch Canadian Songs
La Bolle Eringone are E. Vantermer
Berry os Chapdes Beaufort 7.48. Robert Jones, 1:00. Welch Festion Mass GLADAS WILLIAMS Hwannigered Sal y Blodan Chert Chignel Largar Walter C 16 30 Cost low Mar for Ynys y Plant " to T Du ves Outers Aastralian Bush & gs ... Wilham Junes On hestra. ' Codisd yr Ehodydd ' W. MORGAN EVANS
"Y Marchog"
Ye Ornort"
J. M. WERCAST and NEWS
N. R. from Language Two process from First Maori String Quartet COLUMN TO SERVICE STATE OF THE John Van Zy
Songs from Nynsusand ... Theo. Holland (2)
Dorothy Rebson
Popular French-Canadian Songs

** E Fadle over The C Broadcast to Schools V. 55 N. R. r. Str. a. C. 12 Afternoon Talk 5.15-6.0. CHILDREN'S DINE!

5.15-6.0. CHILDREN'S DINE!

5.15-6.0. CHILDREN'S DINE!

6.10 Mr. J. R. Penda V. V. Lat. 25 P. 7.0.—WEATHER FORE AST. 40 NEWS S. B. from London
and FORMES LEITH. & B. from Royal Horticultural Society Talk. S.B. from London. Loca News. 10 f. AUST.N G. MORFLON'S DANCE. ORCHESTRA From Australia. * B. from Land . 1 = 1 | 1 | 1 | NB. from Munchester, From Australia.

The stee learn Haton the Holl "I Hornor art name The lear of the Holl "I Hornor art name The learn I had be so the Songe from Nyosaland ... Then Holland (2 African Dutch Song Steepy Lattle Klass" Kerrings Orchestra

Two pieces from Second Knorl String Ought to the AFTY TRUE

'Dream of Hornor" and to Learn Songe I had to the Learn I had to the Mornory Lane " Laters Songe I had Mornory Lane" Laters Songe I had Mornory Lane " Laters Songe I had Mornory Lane " Laters Songe I had Mornory Lane " Laters Songe I had to the Mornory Lane " Laters Songe I had to the Mornory Lane " Laters Songe I had to the Mornory Lane " Laters Songe I had to the Mornory Lane " Laters Songe I had to the Laters Son La ft, -Close down "Memory Lane." MANCHESTER. 5 B. to Edinburgh and Dundee. 4.50 Shows relayed from the Oxford 4.50 Parame Physics elements of S Spurgin.) CRACE IVEL A CONTAN WORTH LEWIS COWIE (Barstons).
JOIN EXPERIDGE (Blad Externamed).
THE STATION OR HESTRA

Of the by H. A. CARRUTHERS 3 30-4.0 Broadcast for Primary Schools Mose Fugnokla, "An Adventure From the OS WANTS HATE HOUR MOUR Solor . Ph. Po. Haworth (Contrate)

5.0 6.0. CHULDREN S CORNER

5.30.—Mr W Brown og, "The barred 1

7.5. WEATHER FORFICAST and N. WS

S.B. from Lor a

Prof. T. B. PEAR, M.A., B.Sc., "Psychology—Row Public Opinion in Formed,

5. B. to all Nithems, Local News

Dente Biggt. les tons

Memory Lane " It now Lare " Larry Syn
It now Larry I for y to Sunderson (1)
I very Du Day
At, "A June Nyl Roce (7) -40 Properties of the State of Sta Lawrence were Late "A Schools Labor Labor Drink To Me To Maria A To Me 50. -WEAT HER FORECAST and NEWS The Please Myse.

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Syll, Gordon

The Dance on the Large A Menter. S.B. from Landon Mayor FORDES LE.TH. S.B. from Polisi Northeulthral Some v. Talk. Lea Northe 1956. What other Stations are done 1959. Close nown. t of Black Maining | log St. Helier (7) John Bevershee W 13) Short of the Control ABERDEEN, 495 M. 3.30 felt. The Warter Seven T Amount Chapmann (Bactono). Form me Topics. Separation (intertains). Forms me Topics.

LDREVS CORNER

VEAT IF FORESTAST and NEWS

S.B. from Landon

O. H.P. AR. S.B. from Manchester

LOC. Nan Vision Frag No Pro-1000 ----II. . r. b NeiNe (Constraine 10 00 Nother Cool to Make " THE ABERDY EN MALE YOUR THE WIRELESS ORGERS IN CONDUCTOR ARTHUR COLLIN YOUR CONTROL OF ELGAR "The G of From Clare 9.39. WEATHER FORECAST and NEWS 0 % OF AT OR FORECAST and NEWS. S.B. from London Major FORBES LETTH S.B. from London Royal Haction tural Society Talk S. B. from Lat. 6 We in Order's 14 TB S. L. Jose J. alexa. Orchestra Bavanan H ghunds Buite " (15) Hesais deckins Line to be Dunask Rose The Bhotherd's Song Sabbath Morning At Son Lived Nows.
10 5. HUBERT DAVIES (Entertainer).
10 30 Mr. W F BLETCHFB. Examiner in Spanish to the U.L.C.L. Spanish Talk Royal Horticultural Society Talk. 8.1

Saut d'Amour "

Grace Ivell and Vivian Worth B. care, I the Wome }...J. W. Tale (7).

"The Broken Doll" }...J. W. Tale (7).

"April Showers Prom

Opclassers.

Moree Widow Leber Where Circle Lan " (1) 10.15. Opelastra.
Sole that "The Marry Widow Leher
10.30 4 see b.wo The Pool's Life.'

Pho Pool's Life.'

Ringan Hour of BRAHMS.

Ringan Maden, Choir, and Orchestra.) A number against a musical stam instanting the name of its publisher. A key list at publishers will be found on page 167

International Symphony Concert.

The Music Described by Percy A. Scholes. the spheres. Her particular to

OVERTURE TO "THE MASTERSINGERS" (Wagner).

THE Musterenigers in Wagner's Connedy on and many of us wish that it were not many of us wish that it were not many of the trunce feeling of themsely of Paraful are great language in the rway, but—there is only one Mastermagner. The Overture is constructed out of the succeeding the model of the succeeding the su

from the succeeding Ope and they are as

t The noble MAST, RSINGERS' there weighted with the source of light teach ton and

plusty of Brass,

In The tender DANN NO LOVE theme representing the growing attraction of the more and become for one and her This is a more expressive theme, lessing but a few seconds (it appears first in Figure , then in Charlet again and then in Charlet ,

Some violat scales, cutting downwards, then

of the march ake and diguified BANNSS OF THE GLILD tunne (Brass.

A fairly sengthy pussage, made largely out of previous material, follows, and at last we hear— The broad emotions, LOVE CONFESSED

thema, beautifully developed by the Violina. The IMPATIENCE OF WALTER tarme,

wards in almost a continuation of the preceding thems, and remains, such it, in the bands of Loc Violing, and-

the metal MASTERSINGERS theme, put into quicker notes, and almost perodied it now represents no longer groy bearded columnity, but youthful merrinent—that of the Mastersingers' Apprentices. It is given to the Wood Wind alone

Shortly we reach-

MASTERS No.Lisa thems in the bers matro-ments) with the BANNER OF THE GUILD ments) with the BANNER OF THE tectual thems, in quicker notes than before, and Wood wind, Second Violus, and Violus) and the LOVE CONFESSED thorns in slower notes than before, and in the Flyst Violus and Horiss. "has as a file example of effective." Counter point." Probably few people whose attention has not been collect to this feature of the Over ture natice this con his account of the three their but obviously the Composer intended that they should be noticed

once in savan years, when, for the purpose, he was allowed to set foot on shore

The Aria now to be heard occurs early in the work, when the Dutchman, one of his soven year voyagings emild, despairingly leaves his parch trodden deck for his brief respite.

THE * STEGFRIED IDYLL" (Wagner).

In the spring of 1869, on the shores of Lake Lucerce, was born Wagner seen. Siegfried, named Literace, was born wagner sum. Stepfred, named after Wagner's great symbolical here. Shortly afterwards, Singfred a mother was greated, as her buthday morning, with a specially written and very beautiful piece of rousie, the Singfred Ingil. A small orchestra had been secret; reflected and reheared by Richter, who played the Trumpet part, whilst Wagner, aiting on the stave, conducted.

stairs, conducted.

I me errives of Teleschen early is the morning of uly-life and were standard on the desired health, and we will be a the desired of the second of the manufacture of the second of

The house, Teleschen, must be known by suitt

d backing down the execution the right, it is used the reign of the water. It was pretared and described in many English papers a few years

and described a many English papers a few years ago, when Mr. Loyd Gnorge took it for a wastes rost after his war and post war labours. All who are bibeliar with Wagner's great tenogy, The R ag of the Achdroga, will recognize a the layd many tunes from various parts of that work, tunes mostly connected with Siegiried and Brain man. The includy, which chiefly dominates the layd of persents in the Strings in the first section, is the clust metody in the area laye-duct. great love-duet

Fire array time used which does not occur in the Hong Trilogy is an old German Crade Sons

OVERTURE TO "TANNHAUSER" (Wagner)

The Pilgram a Chant, approprint of the Pilgram a Chant, approprint of the Venus, the wild Dance of the Mantens of the Venus Mount, Knight Tambhduser's Less Song to Venus, the Essay of Venus, the Law Song again, the Wild Revels of the Court of Venus, the Pigrams Chant was narro-those make up to lamous and popular Overtnee to Tunnidaser.

Thus is pictured the sterms strile between the carnal and the spiritual and it will be noted that the apiritual wins.

But when Tannhäuser was given in Paris in 1861 in had waited stateen yours for the nonour

of acceptance on a Franch stage) Wugner to wrote the latter part of the Overture, removing the last appearance of the Pilgrams' Chant, and extending the Beeck of the Court of Venue—so producing what is easied the "Paris Version of the Overture, which we are to lusar this

trening.

The Paris production was undertaken by order of the Emperor hunself. It was sureptuous in every way. It rost £8,000. There were 104

There way. It rost £5.000. There were 104 rehearman. And it was a fathere from the members of the French Jockey Clab were responsible for that. They were in the habit of arriving at the Opera House in a least-oly we after thaner, in time for the second tot of warmen Course was house preferred and for the ever Opera was being performed, and for the valet. Wagner's extraction of the Overture which he had now made to marge direct into the opening of the day had provided plotty of opportunity for hellet levers, in its revels and its quantimeque, as good to the studening date

organized a claque to greate a disturbance

Ver un ney life," seed Waguer, "dal I
hear such a devileh din," And, in another
place: "So I left Paris wat a lead of neft, not knowing which way next to turn."

WOTAN'S FAREWELL AND FIRE MUSIC, FROM "THE VALKYRIS" (Wagner).

The God Wotan, disobeyed by his daughter the warror-manden, Bronol. de, sailly removes her divinity with a kes, lays her to deep upon a rock on the monoton top, and, en long upon the God of Free, surrounds her with flame, that she may when the true cause he war poly that also may, when the t ree comes, he wen only by a hero. Then the current facis and, with the fleeker and glow and smoke of the fire clad mountain summa, that part of the R ny story is

OVERTURE TO "BENVENUTO DELLINI" (Berhos).

In the year that our Queen Victoria came to the throne Berlink completed his Opera, Eco

hem year he produced it at the Grand Opers in Paris, where it was a complete failure A fortnight later it was given in London, at Covent Garden, and again there exteen years later, in 1853—when the compaser Limself con ducted it-with no success.

bere is a sorry anaedote about this per which was so heed and biotes that I performance was ventured upon ving is an extract from the Lake and Letters of Day son, forty years make critic

107 per p to give here the plot of the the founced upon aptual

in, and I cup inter with the castons of the lamous." Persons with the head of Medusa, which account the League de Lamou at Florenand is far has to every visitor to that city. The Overture opens with

these, more a momentary power, the changes to profty slow and the time to the oar), and the Centon and Dormak I

g vs out (plack by their strings in air from the Opera, For every son, suchaparts

But actorst in mediatery, the Woor W vs.

Am in with the Horseq ms Ast from the Larmond Scens of the Opera, which the St o

After a time the quick decision and surpelus

The Whot-Wixe, by and bye shoother, more flowing Tune, and then the Strings take this over, too

Out of this inasees material the whole

Overture graws
It is worth mentioning that at that ill starred Covert Garden performance and mentioned, the Overture of the Opera, at any applicase. Berhoz houself says, "It had a rather extravogant success, whilst everything conducting the evening was knowld with a manufacty and an energy that, in themselves were much to

THE WILL O' THE WISPS' MENCET FROM "FAUST" (Berlioz).

Coothe a Front when, in 1827 it appeared in a french trunslation, fase ated Berton. He says that he read it countaints — "at mean, in the k, in the theorie, everywhere." He set must of it to thesic, and west poor as no was, had this interrepeat at as own cost. "Poor see we

lers in Fand, dear brend. Count you, a thout at the yourself lend me another I maked france to pay the printer !

He sent a copy to Goelle, who sent it to a farmous theorete up of the may. Here as the exchange of correspondence-Gos he to Zeiter

11 2 17 Oc 10 H. Zelter to Coothe

The result was that Gootto never oven acknow

ledged to Errior the receipt of the score
Posterity does not support Zelter. It also
Borboz Hust scenes de Fouet in its later altern

La Domination de Faust-which (from motives of respectability, doubtless) haver appears an an English concert notice with a full translate of its (its. Berhoz' Fami is constinues performed as an Opera, but it was not originally intended

for the stage
The Mernet of Woll of the Worps occurs at
that point in the plot whose Machinetopheles

Construed on the Jacing pages).

THE PROGRAMME—THURSDAY.

· Isnuel from the precious page I dis Petert to steep with spirit mane, and shows 4 100 %

of the second control of the second control

Mandal in all the Great in the contract of the to the zero upon rapid work amongst the Wood Wind testrum are and loave it at that

THE BAKOCZY MARCH FROM "FALST"

(Barbos).
There was no Bakmay March to the first version of Fouri and the story of de composition.

In 1846 Berhoz was in Vienna. He was to go in to Hada Peeth. A few days before he left, a freed brought him a volume of H ingamu, cirs, advising our to work one of them up into me orchestes! piece, and so please the Buda pesthans. He looked through the book, found a Hangarian time (of disputed origin; it may e Hangarian tune (of disputed origin); it may
be a fait-tune, or may be the composition of
a certain bunamaster named Schoffl, wrote a
March upon it the night before he left Vicana,
and whot he got there autounced as one of
the places for the programme of his first concert
Rakecry March: War Song of the Hangarian.
There was host hty, he tests us: Hangarian
automal feeling was egenest a foreign composer
annering with a national air—" People dreaded

A newspaper editor even took the trouble to find the andress of the copyiet who was pro-paring the band parts for the concert, sought are out and examined the score. He then radied Becton

in the grown and the time plant and we has

The letters "a.C." printed in Italian in tona pringenment age of a Semultaneous Brondens from the station run-

8.0 9.30 -SYMPHONY CONCERT

9 30. TIME SIGNAL FROM GRIPENWICH
WATER FORECAST and SNIP
GENERAL NEWS BULLETIN S.B.

0 45-10.15 (approx.).—SYMPHONY CERT (centinued).

ALL STATIONS PROGRAMME Relayed from The Royal Opera House, Covent Garden. INTERNATIONAL

SYMPHONY CONCERT Third Concert (Second Series).

WAGNER-BERLIOZ PROGRAMME, Conductor: BRUNO WALTER.

8.0 9.30

Overture, "The Flying Ana from "The Flying Siegfried Idyll Wegner Overture and Bacchanale, Wotan's Farewell and Fire Music, "The Valkyrie"

9.45-20.15

Overture, "Benvenuto Celhni"
Dance of the Will o' the Wisps,
Faust'
Barhoz Rakoczy March, "Fanst " Carnaval Romma WILHELM RODE (Bariloge)

By Yes that a here the end of the our formal at their you'll get the fame of an except of the beauty mich a famous as you are full life hearth. Excitently you distant took covered the same that sure the grant."

That Editor heard it to the end at too con cost—but only at a second attempt, for the joyous excitment of the authence broke al-bounds and when Berlios' forteems arrived Day out fortisamoed it, so that the performance and to do begin again.
Berion looked up at the box the chor en

neous young and saw lopaeing op and down taianie to contain houself.

that Miles w With ch was in 1

leved Dimination he is proved on Goutne-

So that a what you co t of a Hungarina nit

the approach

OVERTURE- THE ROMAN CABNIVAL" (Berlioz).

Here we must with some of the Renounts I allow times. The post of the Opera is a good had concerned with the Carnivas of I are the Opera itself, and later at II, Hechon gas venuto Critini." 21 has somet mes been played between the Acts

At the opening we find ourselves in the midst-

In a nioment, however, there comes a levely tow time, given to Con Astrant, with slight

Than the Violins take up the slow Figure weaving another one in with it. Further treatment of this Tone follows.

All this is attroductory—on Overture to an All this is divergence of Overtice to an Overtice, so to specific. At and comes a quick passage (beginning with MYER STRINGS) and with the (and with a change to as annihar time) we are plunged into the Overtice propectalized and brilliant thing, full of the fine and most still ag opphestral effects.

LONDON. 2LO 10 2.0. Tune Signal from Greenwich. The Work's Concert of New Gramophone Reprint

to all Star-one

PRENCH TALK under the auspines of Lineating Français. S.B. to all Stations Talk by the Radio Soviety of Great Britain.

B. to all Sharows.

The Humains and Christities of Parla ment The Houses of Parliament," by an M.P. Local News.

CON

10.45 (approx.).—THE SAVOY ORPHS AND SAVOY HAVANA BAND a from the Sovoy Botel, London, a b. 10.44 No. 1. 21 The one of a

BIRMINGHAM. 5IT 475 M.

3.30 4.30. The Station Particleto Q utet. 4.30 WOMEN'S CORNER: Marjer Wake (Sole Prenoficie), E. D. Bureroft, General Interest Took.

30-630. CHILDREN'S CORNER: Modred Force: The ga We Don't Learn at

0.40-6.4 Feens Corner Al e.C., by an Talk and Recital on the Works of Hander 7.0-11 0.—Programme S.B. from London.

6BM BOURNEMOUTH, 385 M.

3. 25 5 0 Task to Wester: "Photography,"
by Mes Penree. The Worless String
Ore es is. Conducted by Capt. W. A
Pautocratona. Also Franklin (Solo

Prenofectel. 5.0-5.2 CHILDREN'S CORNER. Bell Hone; "Sports and

6.30-6.45—Farmen' Talk: "Common Ailments in Cattle," by E. Win sy Baker, M. R. C. V.S., London.

7.0-11 0. -Programme S.B. from London.

OARDIFF.

3.0 4.20. Margaret Francis (Soprano).
The Station Orchoster
Conductor Warw is locally to the first wate.
445.5 5. WAS FAHOCLER KS
5 5 0.0. CHILLY CASIC CASE.
6.40 6.55 Mr. J. Kyde Fletcher Sir Harry
Strading and the Pirates,
7 0-11.0.—Programme S.B. from London,

MANCHESTER. Cours of the Vicil NS ORNER Brings in Mr. 1 rt Kengrick: "Careers

" 1 · Programme S.II from London

NEWCASTLE. 400 M. 11 36 12 30. Eha Tembason (Sele-

3.4 5.10. Pell's Sympopated Five 6.0. Ch. LDREN'S CORNER 8 Ch. Mr. R. E. Richardson : Garder

I ton ton a to be was Lorum

ABERDEEN. 3.3 : * 0.—The Wireless Sextet. Harnish Cringia

Femmine Topics. (Touce), Femanie Topics, a 30 4.0.—CHILDREN B CORNER.

to Girls Carpy Now address a Tomos 8 30. He is I you see No said to Tomos Williams Berry's Office on the Williams

Start a B.B. Company

o 40-6.35.—Mr Charles Davidson, M.A.: Top.

on Ta k St. Other company

7-9-110 Programme S B. Land L. dan

5SC QLASGOW. 420 M.
5 30 4.50.—The Wireless Quartet Fi. by
Deplanche (Tener). Afternoon Topics.
5.15 6.0.—CHILDREN'S CORNER: Weekly Stamp Chat by Uncle Phil. Lasten for the

Stamp Competitions |

Carrier Foresast for Formara,

Carrier Mr. Chorles Davidson. S.B. from

therefore.

7.0 11.0.—Programme S.B. from London

A number against a routical stem andientes the to ma of its publisher. A key list of publishers will be tound on party 169.

WIRELESS PROGRAMME—FRIDAY (Feb. 13th)

C. 4 75 B. p. 7 hd in ituics in those programme	SIT BIRMINGHAM. 475 M.
y a . Assumeeus Breadant from the states more ned.	3.36.4.30 Local s Pic are House Orrhestra.
ZLO LONDON. 365 M	Madaine G. Jarrett Kerr. (Solo. Viol.). Ettie, W. Banis, Solo Pamatoria
16.50 1	5.0-5.20. WOMEN'S GRAER Engle Steel
3 to 3.45. Transmission to S	Harper, "Sameth ag About Precious Stones." Elaie W bon (S
to Kha town by way of the N ie	5.30-6.30. CH LDHEN NOUNEF 6.30-6.45. 'Toens' Corner Cyral M Jgley
4 0 4 30. Se omra Hail Hou	! Sc., F G.S., 'Travel ara' Tales—10
4 30 5.0 Orena More relayed for Source > Push Paye no.	70 WEATHER FURE AST and NEWS
5.30 6.15 CHILLIREN S CORNER * Blue	G. A. ATKINSON S.B. Jeon Landon
Hoses," by E. K. Wooner, from 'The Morry Go Bound." Pucle dark Frost a	Local News
Wireless Yaru, Alfred G. Kamp talling us about ' Ha way Developments	7 30. French Lecture, relayed from the Course portan Club : Prof. HENHI GUERRA
Vinerica	Les Vie les costumes Bretance Our Late Night.
6 40 6.55. Mr. H. C. MINGHIN, "The Origin f the Wellers.	THE STATION OR, HES
70. TIME SPINAL FROM BIG BEN	ROTHY HE MICH CO rate
WEATHER FOREIGN SEC 18T GEN FRAL NEWS BULLETIN S.B. to of	HERBERT ALDRIDGE Er erta per
O A ATRIKSON, " Seen on the Some	Overture "Ton Fairy lale" Papa
" H to all Staturas, Lucas News	For acts, "Myster Beauty to a
Miscellansout Programme. RODEBICK ACKROYD (Barting)	B 30. Ret v. He dec. Schubert. Schubert.
VYVYAN LEWIS (Solo Violon)	None But the Lone's Hears' Tron burnky
Pakk NITAL F	herry R pa
Concept to DAN GODE IN The	Reg much the Cheese no A In
. 30. The Orchesten	Acres Manager
M matter State	Meadowaweet The May Buke 15 Fra Lit le Princess Durinky Hunch
"Come Not Wien T Am Do 3	Water Watersto Al We Core
My Father Has Some Very Plue Sheep	8 40 56
"Absent Metentle A	9.5. The Orchestra.
* Now Steeps the Crumon Petal.	I don toposted by Parket age and NEWE
Ch you Große	Mrs. NESTA WEBSTER SR from Lon-
Polonaise in A Flat is in a control of Phopsin	Int. Lora News
25 (approx). Helena Millan	Pleading "
Snage and Port is	Piend ug" Elgar 11 I ve Been Roaming Barnes (8)
Are You Loudon " 2 Pointer 5	"he steenest in
The Ore more	Selection of Admis Popular Stogs of (1) 19.25. Directly Helmrich
Ballet M sic. "Sylvia" Det bea 8.30 approx). "NINE O'CLOI &	The Merry P pec E lyn Shar a
I Play by Cyril L. Ashurat Produced by R. E. JF (RE)	Waista Por Song 1 fred Him
Vovvan Lewis	Her sert Aldridge For Gur nor Louves Everything to Mc
Symphoase Variations Roclimans 9.5 (approx.) Roderick Ackroyd	Mure The Parado of the Tie Schwers
So Well Go No No No	Selection, * The Lifat Dain no 1 . 6
The Sands of Dee"	
The Three Fishers " a. a	6BM BOURNEMOUTH. 385 M
Beharaino " Padoreieth:	3.0-3.30. Ecocations Talk by Frank Stevens
Bources ' (for Left Hand Only) Sount Sues- La Campanella ' (" The Bed")	and Dandies."
950. TIME SIGNAL FR M GREENWICH	345 5 0. Fushion Talk to Women by Louis to Move. The ROYAL BATH HOTEL
WEATHER FORELAST and 2ND GFN	Kags Hall Rooms. Figen Within
ERAL NEWS BULLETIN 5.B to a	6.0-6.0. CHILDREN'S CORNE.
Mes. NESTA WEBSTER Breesh Er p. Umon Talk. 6 B. to off Stat. v.	6 0.6 30. Schemes' Half Hours "Charles
Local News.	70 WEATHER FORECAST and NEWS
10.0. Vyvyan Lewis Footd	S B Jean Limiton Landon Landon
Vito (Span al) Dance) . Propper	Song Gyoles and Light Music.
a New F	THE WIRELESS ORCHESTRA
In the Evering " . Dionalustin 51	Conductor II IS Conductor W. A. FEATHERSTONE
E ga teth's New Young Mus-	ONSTAN E WENTWORTH Squeam
the archest	GUDY SHEP HERD Constal of
Santa. * Bu let Russe * an order of fact to 10 M. Cose down	NORA III AI AI RY Sola Page orto

	3.36.4.30 Luzzi s Pie ara House Orrestra.
	Madaine G. Jacrett Kerr. (Solo, Viol.). Ethe W. Hams. Soci Pagesforts
1	Ethe Williams Sees Panastoris 5.0-5.30, WilMFN S. GRNER Exists Steel
۱	Harper, "Smeth og About Precious Stones." Elaie Wison (S
1	5.30-6.30. CH LDREN SCORNET
ı	I D.SU-B 93. I Dens L'Orner " \$ 3731 Bi diriex
ı	l Sc., F (Y.S., 'Travel ses' Talus-10 With Layingstone in Africa.
ı	7R WEATHER FURE AST and NEWS
ı	S. B. from Lancon G. A. ATKINS, N. S.B. from Lancon
ı	Local News
ı	7.30. French Lecture, relayed from the Coards
ı	por tap Club / Prof. HENRI GUERPA Les Vie Les costumes Bretanne
ı	Our Lute Night.
ı	THE STATION OR, HES
ı	RUBY HELI ER (The Las of BOTHY HE M of H Courable
ı	HERDERT ALDRIDGE Er erhebet
ı	B.O. The Orch .
ı	Overture "The Fatry Lile" Papa F capta " Mestre Beauty
	to le information a Post
ı	8 30. Ret v. He dec.
	None But the Lone's Heard Toba boroky
	8-30. Ret v He der Hek Hark he Lark" Schahert None But the Lone'v Heart" Trhu korsky herry R pe Herb Reg med the Cheese
ı	Reg maid the Cheese 20 1 2 7 vi
í	
	Mendowswert
	The Lat le Pracess . Burnthy Hunch
	Writer Wakeseth Ad My Care
	8 40 36
	9.5. The Orchestra.
ı	Soles out 'After the time ' Note of the time to
ı	2 30. WEATER FORCE AST and NEWS
ı	Men NESTA WEBSTER NR from Lon-
ı	Ind Louis Waster
ı	10 0, Beny Belder Bury Belder
ı	I ve Been Roaming
ı	omrade " Bornes (B)
ı	Piend ug" Piend ug" Piend ug" Piend ug" Por Been Roaming Barnes (B) Selection of Adams Popular Stogs (1)
l	19.25. Decothy Helmrich
l	19.25. The Merry P pue E lon Share F a Waters of M. netowns
	19.25. The Merry P pue E lon Share F a Waters of M. netowns
	10.25. De rolley Helmrich The Mercy P pec E lon Shar a F a Watter of M. netoman a Watter Pot Song I fred Hos
	19.25. The Merry Peper Strong S. O. The Merry Peper K. Ion Share To Natures at M. netowas S. Van Share Wasta Por Song Street Harden Her seri Aldridge for Clay por Leaves Everything to Mc
	10.25. The Mercy P pue K Jun Shar . I've Matters of M. netoman
	10.25. The Mercy P pue K lon Share I a Waters at M. networks a Market Por Song I fred Har Her ert Mercy Everything to Mc Marc The Parado of the Tie Schaers Se retion. The Late Domas of the Schaers
	10.25. The Mercy P pue K lon Share To Waters at M. network Waters at M. network Waters Por Song I feed Had Her earl Mar dge for Chur nor Leaves Everything to Mc Marc The Parado of the Tie Schaees Se ection. The Lake Dom to 1 to 5
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	19.25. The orbits Popular Sings 2. If The Merry P pue R lon Share I as Nature of M. netocula a Walter of Sporg I feed Him Her seri Aldridge for Chur nor Leaves Everything to Mc Mare The Parado of the Tie Schaees Selection. The Lidat Doin no 1 6 6BM BOURNEMOUTH. 385 M 30.5 30. Encections Talk by Frank Stevens F S.A., "Bygons England—(2) Dress and Dandes."
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WIRELESS PROGRAMME—FRIDAY (Feb. 13th.)

The tellers S.B printed in Halles in these programmes reguly a Simultaneous Broadcast from the station may stoned. 4 30 5.0.-WOMEN S HALF BULR 5 0-6.0 CHILDREN'S COUNER 6-30-6-55.—Farmers' Corner: Mr. W A C Carr, N D A, on "Lone 7-0.—WENTHER FORECAST and NEWS. G. A. ATKING N. S. B. from Landon Local News Request Programme.
GRACE IVELE AND VIVIAN W RTH
(Enterta ners)
THE * 22Y ** ORCHESTRA Orchestra Mar h The Spirit of Pageantry The Spirit of Pageantry
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Day in Nap ny ny The Armones
Monekton and Tarbot
Calling Thro' the Shadows
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Any Way the Wind Blows"

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2 action "Remarks" Verds Se ottion, "Rigoretto" Sure As You're Born

Little, Cittlespie and Day (9) 0.10 6 30. WEATHER FORELAST and NEWS. SB from Landow Mrs. NESTA WEBSTOT SB from Lon-ton. Local News Statum Director a Talk Parture "Opera Bouds" Finct
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(7), "Lest Night on the Book Porch" (N.,
C. Close down NEWCASTLE. 5NO 3 45-5.15. To ley's Restourant Orchestra, re-layed from Blackett Street. Leonora House Sontains). Dr. Ethel William Mr. Vout to America." Have Sortano). De Ethel Winner My Vege to America.

5 15-5.0 - (ATL. REN & CORNER 6 0 6 20 - Scholars' Half to ar J. C. Winner Our English Towns - Roome Towns 70 - WEATHER FORECAST and NEWs S.B. from 1 h

O. A. ATKINSON S.B. from Landen
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SOR JE MODESON (Tenor)
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Orchestra

Relection "Theodore and Co." Novello and Kern

B.10.

Hurry Brinder

'The Dinovins' __ A A. Needham (1 'Old Clothes and Fine Clothes' Martin Share Heward Fisher [1, Lenny Beetin "Follow the Swellows" Henderson. Waltz, The Scoping Beauty "The Capalets" Y charkoraky 3.0. O'The Capulets " Barlon George Hodgen Square (1, O Ship of My Delight " Manague Philips H and in D Major for Caraget and Patrice Delight of Caraget and Pat 6 30. WEATHER FORE, AST and NEWS

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"Ships of Yule", Martin Share It rusan water J Pichersgill. Barta un ABERDEEN.

495 M. 5 30-4.15. School Transa, anon: Dr W Dauglas Sumpson, F S A. (Scot.) on 'What Menn These Stones': Mr What Swanson on "Metody": Prof. John Harrower, M A., LL D., Prof. of Greek, therdeen University, Talk 4 15-5.0.—The Wieless Ore wars. In the **Т** врисв 513-6.0 CHILDREN S CORNED 60 6.90. Fuotball Corner, con meted by Peter

Cea gray 20 6.50. Farmers Advisory Curver conducted to Don G. M. vo. B.S.
30-6.40. Agricultural Notes
6 40-6.55. The Roy J. O. Drammond, M.A. on The Power of Amilys.
9 WEATHER FORECAST and NEWS

S. B. from London
G. V. ATKINSON S.F. on Longon Luca. N. 83.

Music Drama DOROTHY ROBS N (Sopranc)
JOHN VAN ZYL (Rapion

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F VI F S OR HESTRA

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Overture, "Dramatic Raban" Keler Belo.

THAT BRITE SIMMONS
A One Act Play by Action Morrison and
Her seri C. Sarream
A to ged for Broadgast and Produced by
GEORGE ROSS
Devolvy Robson.

"The First Progress"
Hope" 7.30. 7.40. " When the Kug Went Forth to War 6 B 4 B The Blind Pleaghouse · Onaway, Awake Oneway, Awake
Orthesita
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A THER FIRECAS NEWS
S. B. from London
Mrs. NEST, A WERSTER, S.B. from London 10. John Van Zyl.
Vulcan's Song 'n Land General (1)
Old Bells, the Settman' ('Sast Water
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"Myself When Young' Lebmons
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7 anghon 3) 10.30. Cines down.

GLAGGOW. 420 M. 5.30-4.0. - Broadcast to Sci. 1-4 0-5.10 .- The Wireless Quartet, Phorbe Davis hopranol. After in Torn's

160 F. CORNEL

0.0-6.6. Weather Forecast for Farmers

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7-0.—WEATHER FORECAST and NEWS. S.B. from London
G. A. ATKINSON S.B. from Lond a.
Local News

Local News

Scote and Miscellaneous Programme,

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H. WELLET A CARLETTE SEATHER

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(Continued on page 331, column 1.)

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WIRELESS PROGRAMME—SATURDAY (Feb 1416.)

The letters & B. priodict in alice to here programmed signify a Semilal sone. Seesdail from the player mon-toped.	B from L
2LO LONDON. 865 M.	Lifeat A. E. Si and Fereign
4 () 1 from Groowwr!	, P
ve in the 2LO direction Mari.	Instru
Anne Desug at E. Ertaness). Maker French Weiters 4) Pau Bounget by	st ser
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di Local Government " I), by a Non-	5 arch. * Lone
5.30 8 15.— CHimarki N.S. CCRNER. A Jumple Story by Co. Make by the Octot. Chadro a 5	1 1 1
Masse by the Octot. Charles a h	S.O. Morous Scote
6.40 4.65 Thomores ' - " Se at Valentino a Day "	Sonato in G Me
70TIME SLAVAL FROM HIG BEN WEATTER FORE AST and IST	6.30.
GENERAL NEWS BULLETON, 8 B	Select on "T
Mr. C. WHITAK SR W. LSON * How Our	0.45. M
Unleader Was Formon," S.B. &	Variations on .
Aberdien Papular Orchestrat Programme.	Hungarian Po 9.3. H
BRYN GWYN (Barntolo	денего и С 3 Съргано и В 1
FODEN WILLIAMS (E-tectaber) MOLLIE SEYMOUR and NE 148	Western A Fa
NORWAY (Musical Enter: 1)	9 15. Selection, "T
Conducted by DAN CODFREY, June 1	9 305 WESTER
7.30. The Orchestra March, "Wassington Grays"Orafula	S B. from Le
Overture, "Marmeredo" Finck	Lan I News ro
The Hills of Dungal " * inderson 1)	London.
' H srun for the Roding Sea Ford Foden Williams	6BM BOUR
Items from his Reporters	3.45- 5.0.—Talk to
8.5 (approx.). The Orchestra 'March of the Lattic Wooden Soldiers'	2 to ** 623E
Selection, "Puppets" Nowalle	(V.olin), The Arthur Mar
Not is Norway Saver Hand Bed Solo, "The Loss Chord"	6.0-6.0-CHILDR.
Sultann (1)	9.0-6.30.—Schoinze ! W H Bs
"The Luce Tree" is Gurthen	60. WEATLAR
"Welcome, Honey, to Your Old Plantation Hume" (9:	S.B. from L Admiral W
Nelso Norway and Molhe Seymour.	Function of
Eurearolis (* Tae Tases of Hoffmann ") Offenbach	Lon Yews
Three O'Clock in the Marring Robledo (23)	A Nigh
8.30 (approx.). The Orchestra.	Copt W. A
September "The Fire A s I was	FREY
To en eszo, a long Stor. ' Little Sty Conyr	AMY COLE
** The Fisherman of England **German	7.% NO3MAN
0.5 approx.). Fodot Williams.	March, "A Bu
More Itoms from his Reportoire. The Unchesten.	Mari III .
9.30. TIME SIGNAL FROM GREENWICH	Sets on Ph
WEATHER FORECAST and 2ND	S . e A Coo
GENFRAL NEWS BULLETIN, SB	8. 1 Good Da !
Mr E A. (THOMSON, "Laternational Hockey," S B to at Elations	" Perfume of t
Local Nove.	
10.0 THE SAVOY OPRHEASS, THE SAVOY HAVANA HAND and THE	You'll Go l
SELMA FOUR, relayed from the Savoy	9.0
Floter, Landon. & B. to qlt Statemer, 12 0. Close down.	The Cipey I
	A Jumpe of
SIT BIRMINGHAM. 475 M.	e i.
FO TO S CURNIF Card Range	Bas Night
of Personality Windres	IL VIEW

5 30-6 30. CH LDREN'S CORNER Anner Ful and a further bussley Adventure.

6.30 6.15. "Terna" Corner: "Norman Tiptaft" On Applying for a Position "

TALLER FORECAST and NEWS	D.55,
* B from London Life A. E. SPRY Suggestary of the British	1.15
and Fereign Seriors Society), " Tran-	0.20
P Agament	
Instrumental Programme.	9 30
A STOLEMENT S - VIOLE	
20. The Orenesica	
Sarch, " Lendon Scot, sa" Hrue	10.0
A P P P	[5]
	SW.
Sonato in G Me or	31.0-
i.30. The Orabestra	4 (5
Select on "The Mountain and Tolling	7.0
A5. Marcia Stotesbury Variations on a There - Torino Krewler	
Rungarian Poem Letterer (5)	
pergree in G Minor Buck	
Caprions in B Menor	
15. The Orthesira Selection, "The Joy Bide Lady", Milliet	
30. WEATFER FORECAST and NEWS	
S B. from London Nr. 2, A. C. THOMSON N B. from London.	30:
In I North star Football Butters	
London.	
Z O Close cown	
BM BOURNEMOUTH, 385 M	
(\$10.6.0.—Talk to Women by George Dance to "Graff I Reguard S. Mouet (\$100m), The man 15 1 1 2 2 2	
(V.olin), The man E. I. a. w. o. C Arthur Marston (Piano), Percy Edgar	
1 drg - 10	
.0-6.0tillLDREN'S CORNER .0-6.30Schonus Had Lour 'Switzerland,"	
1 W H Bayles O. WEATLER FOREGAST and NEWS.	
S.B. from London Admira W H D OYLY on (1) "The	
Function of Crusers during the War, and	
Lon Nows	
A Night With Entertainers. T. H. W. B. J. SS. Obc. JESTRA	
Concerns	
FROM FEATHFRETONF FROM FOGAR Entertainer)	
AMY COURBURN (Mozze Soj rane	
FLORPICE RFLD (Songe at the Pinno) NORMAN WRIGHT (Enterlaner).	
2s Orchestra, March, "A But, h of Busga Chapa	
Mari 11 Abanco ", Jamioges (1) at Percy E Igar in Indigensions.	
A Orchestra	
See A Coon's Day Out Buynes (1)	9 30.
Good Da ! Said the Backbird	D 1904
" Performe of the Country Labor "	
t a # E. Dawson (23,	10.0.
You'll Got H ps o' Lakons' R U (larke	
C Florence Reed	12.0.
The Copey Princess Komman	2ZY
A Junios of John y Junior (7	3 3()- 4 3()-
The F	5.7-1
Further Impressiona. Ograestra	7.0,
Nage to at Olada	
Amy Cockourn Turesa dei Brego	
Le'l Coundral Coon " 8. Berneu	-
Bud Itom Factylan	ed its

Florence R Nor may Wright "A Mixture of Merriment. Three Dances (Henry VIII) - WEATHER FORECAST and SUNS THOUSON S.B. from Me Local News

1 - THE SAVOY BANDS, S.B. from
Local News
Local News --- Close down. CARDIFF. 351 M 4.0.—Fa keena and his Orchestra, relayed 4.0.—Fix ky and and has Orehestra, relayed from the 15 Mars FIVE OCLOURS BY SCHOOL BY Light Symphony Concert. Relayed to "SXX
ASTRA DESMOND (Contrakto).
W.LLIAM HESELTINE (Tense)
THE STATION SYMPHONY Conductor WARWICK BRAFTHWAITE Orchestes. Gverture, Use Morrymakers' . Conce Wy Treasure" (*Don Giovanni") My Treasure " (* Don Giovanni ")

With Orthon in American const
Obstace in Symphony, No. 0 (" The Pustoni) in
F. Op. 68.

Alegre in mon troppe, Andante molte
mote, Alegre ; Alegre—Alegrette
Astra Desmond

V. Sweet Sweet & (Wher's
reen , Herbert Brewer (15)
The Piarue of Lave " Jirtand
The Wind on the Wold Ladgey
Orchestra.

Santa, "The Crown of India" ... Elgar
Barte of the Nantch Gollat Minuet
Warrioes' Donce; Incolude; March
of the Mogul Emperors.
W. flam Hesel no
My Lover the American party of the date
Pass as by Parcell
Leve Sier Cornestra

Mock Morris" ... Grances Overture, The Marry Wives of Windson -WEATHER FORECAST and NEWS. S.B. from London R. E. A. C. THOMSON. S.B. from London Loral News -THE BAVOY BANDS S.B. from -Close down MANCHESTER. 375 M. 4.30. -Concert of Gramophone Records. 5.0.--WOMEN'S HALF HOUR. Harry Larway (Tonor).

6.0—CHILDRANS CORNER

WEATHER FORECAST and NEWS.

N.B. from London

Mr. F. STACEY LINTOTE, Weekly To b. em Sport Leieni News

> member assuest a universal state, radicates the masses publisher. A key list of publishers will be found in the

WIRELESS PROGRAMME—SATURDAY (Feb. 14tb.)

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The felters * S.B. printed in thiles in these programmes, signify a limitationes Broadcast from the thirten mon-	9 30WEATHER FORE (AST and NEWS. S.B from London	8 40. Overture, " Pausoure of Donnyb" k
5 Ju. On R	Mr E. A. C. THOMSON S.B. from	March Charl stor's Farawel or a
the ayon from to Town I was I was	Take Note:	0.0. Arthur W Baves.
f release and Fugue in A Maior (1921) Organ Symphony in F	Inden.	Water A arms Won the to
Moderate Vience, Allege Amman	12 0.—Ch = down.	9.17
Multation bla	2BD ABERDEEN. 495 M.	Concert Valve, "Maderee Por. padone"
Chorai Song and I " " I "	30 54 The Wireless Sextet, Mary Topp	3
DOMOTHY HELM I I come	s prone h. Fern me Topics.	9.30, WEATHER FORECAST and NEWS 5.B. from London
What, Then, le 1 2 Variation	30 CI HILDREN S CORNER. 6.15. 6.40. This Week s Interesting Anniversary,	Mr. E. A. C. TLOMSON S.F. on
At the same and th	prepared by John Sparks Kirkland	Local News
When I Am Lant to Eart a I	The Massacre of Gleacos, February 13th, 1692.	10.0.—THE SAVEY BANDS SI
"By the Don W way	of a Mr B. Haton Racret, M A., R So., a	190 Cose month.
The Cross on Fig. 1	"The Geology of Aberdeen and Dis-	5SC 420 M
Salont Noon " I water by many	70 WEATHER FURE AST and NEWS	3.30-4.50. The Wireless Quartet Iv. M
Now hear Bosses to Easter Hymn at 1 agr	Mr C. WETTAKER WILSON. S.B. from	do est to a Afternoon Top. s.
Ob, Dear, What Can the Matter Be 1	London Local News.	5.15-6.0.—Cell.DREN'S CONN.JC
130. Wr.ATL. B. POSECAST and NEWS	Popular Evening.	6.0-6.5 Westner Forceast for Furmers, 6.40-6.55. Glasgow Radio Society Tark.
Mr. E A C THOMSEN & B & an	HARRY BRINDLE (B. B. B. ARTHUR W HAYES (Recutor).	7.0. WEATHER FORECAST and NEWS
Londi Logal News	THE WIRELESS ON HESTAL	S.B. from London Mr. A. KEITH MACDONALD, Stant
10.0. THE SAVOY BANAS. S.B. com	8 100 The Orchestra.	Lora Naws.
Leadon. 12 0.—Closs down.	45 Harry Bruidle	Dance Night
1 ap - Shade to a	Vulcan a Song " (" Philemon and Baucia") Gouned (1)	S B. to Da. dec. DOROTHY ROBSON (Soprane),
5NO NEWCASTLE, 400 M.	"He, Jolly Jenkin" ("Ivenhoe") S mean	J H \ \ AN ZYL (Baritone),
345-5.15.—Tota Danskin very The Section By A Prances Hopple, to	R4 The Orchestra.	DANIEL S.2) MOUR (Tenor., will Sing the Choruses and Voca Numbers.
Hamour of Children	Aghteome Reel " Kerr (36	TI E STATION ORCHESTICA Conducted by ISAAC LOSOWSKY
5 15-0.0.—CH I.DRI-N S CORNER	Justico Sturleigh and Sergi Auduz' ("Piekwiek Papore"	7 30 Ort 15 7h
S.R. fenon London.	s . Harry Brandio.	I v cot. " Love is Just a Comble" I v cot. o o resix Res Born Sain
JOHN KINMIR of Party	Youth ' Share I helm 1	ky ,0 , W When You Are
Local News.	"Why Shouldn t 1 ? Water 1 h s "Why Shouldn t 1 ? Russell (1)	lo Wy Ar es , P x r 1 Ha 19, Y . (7); Walta, "Ask Her White
THE DURHAL CITY WEST FAD		the Band is Playing
TISE STATION GROTESTRA	KEY LIST OF MUSIC PUBLISHERS,	Hoarted Hannah " (c.y. c. parst S. S.O. Dorothy Relson.
Conductor, FDW ARD CLARA Orchestra	1 Bossey and Co. 2 Curwen, J., and Sons, Ltd	The Road to the lates
Suite. "The Crown of he a / ger	T Herman Darewski Music Publishing Co.	hennedy France (1,
Dance of the Easteh Code March Warners Dance Interlude, Mr. A	4 r den and Co. Left 5. Ences and Sons	"Over the Blamas s F "
the Magal Its porer	6 best a 1 am c 7 Francis, Day and Kunter	"Banna Hamour" Chamwade (5)
Sylul Maden.	8. Larway 1	8-15. Order to. Fix r last von Sept. 25
The Road " from Morpo Line	.). Cord Lennor and Co.	Was Stone a Lattice Kirs D. Or .
The Star" . Regres	1 Novelle and Co., Ltc. Philaps and Page.	see he I to More
Sweet and Low 75 by 11	13. Reynolds and Co. 14. Stamor and All Live	Factor o ong Mula " (0); Francis Juneau 6)
"By Colo's Arbour" I do 1 "Mulligan Musketeers" do 4 to 62	15. Walterns, Joseph 15. 16. Cavette at Music Co	S.45. John Van Zy'.
S c Orchestra	17 The Angle-French Wate Company, Ltd	Volus Boat Song Karron .
Choir Choir	18 Bosl, Statterd and Co., Ltd. 19 Dix, Ltd	"The Bod, I nosteable Cidd"
Strike the Lyre" Cross (11) > 15. Sybi. Madea.	W Paxton and Co. Ltd. Warren and Pholipa.	D. Our Weekly Carton v beat.
"Know'st Thou the Land ? " (" M	Perder and Walsh. West's, Lt i	R.S. Commercial Control of the Contr
Les Larmes	-1 Forsyth Bros., Ltd.	Request Hema received during Trans
"The Sever Rung Chancing (h)	.6 Larene and Co., Ltd.	9.30. WEATLER FORECAST and NEWS.
"Dring to Me Oply 6 & a cr. S all. Orchostra	Duff. Scowart and Cu., Ltd 8 Wilford Ltd	Mr. F. A. C. at Master, S.B. rom
" Valse Septembre"	Dolart and Co John Basekburg Ltd.	I a N wa
9.6. Caoir	31 North Proves and Co40 32 Worton Days I.	10.0. THE SAVOY AND S & B from
"My Dear Mistrons Sulfroth 11 "Coprades in Arms" - 4 on	A J Stasuy M sie Co., Ltd.	Z dor 12 0Chee down
"Evening" . If L = 11	34. Paterson, Sons and Co., Ltd. 5. Reid Bros., Ltd	
District William To 1 1 1	C James S. Kor- Ecupsa Music Publishing Co. Ltd	A comber against a meaned stom anticases the name of its guildness, A key list of publishers will be found or this page.

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WIRELESS PROGRAMME—BELFAST (Feb. 8th to Feb. [4th.)

The lotters 3.6. printed in italies to these programmes agenty a Simultaneous Broadcast from the etation mea-Degrify trooped.

SUNDAY. THE 'SBE CHAMBER QUARTET ERNEST A. A. STONELD' A' A' A. FUZC I ALD (Sad Violes) TOTALD DOBSON OF HE STATION CHOIR

Quartet, No. 1 in A Monor.Or 29 5 hours.

Hyran Proise to the H less in the Height'

The Roy J. H. E. 118 (N. of Memoria Church, Oldpark vi. Hymn, "The Day Thou Church

Quartet, No. 7 in F Main of the N 1 Hosth on a

10.0. WEATHER FOR CAST to N WS. S.R. from Langon on N SS.

C-22-6 Quartet in B Flat Major, Op. 63 Re 6 and 11 m. 11 10 35 Close down

MONDAY.

40 AO TO THE SECTION 6 40 6 55. - Mr Arange Deane : 1 a in Packet of the Asian E.B. from London. Mr. W. D. LANI. S. I Loca. Now.

Music Wie and Otherwise. PALLINE BARKER (Solo like)

CAL ODES TAYLOR CONTROL

PALLINE BARKER (Solo like)

CHACE IN 1 and VIVIAN WORTH

1 400 March, * Great Big David ' v Senotion, Let I Proceed Proceed Leader Peal and Leve West Leading Then' the Shannes Freedom Fig. 1 Any Way the Wind Shows Honey 1

Carrodus Tayle First and Second Movements from Sonata

Allegro—Andonice
Grace Iveli and Vivian Worth
My Sunshine Girl

* The Ogo Pogo

' Pha Buta-Lam Mark Strong 28 " M must d Amone"

Free Byo, My Be Bar As You're Bure As You're Born

Carros us Taylor " Ave Verse. " atwer rate samme Company

9.30.-WEATHER FORECAST and NEWS

S. a. Lando
Mr. GLOR F. MACDONALD. S. from
Edichargh 1 and News. 1

Scientism. "A I de for the Cant Harp Smo. — o Minstrel Boy (h ... re Fox trat (... red) (... re 10 30. Close down

TUESDAY.

To P & Creency of P et a Commercial Commerci Sulo Pinnoforte) 10 to 15. CHADISEN & OF NER

S.B. from London. Proc. T. H. Pl. AR. S.B. from Ma scheeter. Local N. 44.

Symphony Programme. THE AUGMENT AND IN MURIEL (R.LDE Mezzo-Contralto).

J. B. GRAY (Sole Violes).
Overture. The control of Symphony No. 1 (a) More A h. Ana, "I Hove to M. very as " (Or Magan

1. 10 00 2 Utuck tir terera. Stegfred Idyli 1 L Gray is agree

Sieginos Se ne Zo Fero - HS 1 A 7L , B en moke Funtasy Se C. Hamilton Harty

or to be The Letter

· Authum · It Was a Lover and His Laws feet arr.

More a Wheave on D Schulzed WEATH R FO LEC'DY N. U.S.

Major FOR JES LEATH S D f . I ... Royal Horticultural Sec. 8 S from .

A to 4 327 1000 "Sweet Rosemary to Fig. 5 Z to stop Dagse of he Grouns c 130 Clase down.

THURSDAY.

Mona Miller (Mezzo-Soprano)

30-6.15. CHIII DREN'S CORN, R.

3.0.4 So. A Branco Bellet n.

6.40 6 Mr. Clurks Davisson. S is from (berdeen * 0-1 0 Programme S.B from Loudon.

FRIDAY.

1 30 12 30 - 10 m of day and a second of Transmission of Appreciation of Mush e v II REN'S COINES IN Horo

WEATHER COST OF NO. 8

S.B. from London

O. A ATE NSON S.H from London.

Local Name.

Variety Programme.
15 TRIBERT 5 1 1
WALTE CD b WALTE B., STATION OWNERS A

Murch, 'A Blanch of Roses
Overture, 'Mu cause
Herbert Thorpe.

Aria, "Lend Me Your Aid." ("Irene.")

Ordentes Master Tood will Entertain On heaten.

I termezko (" Covalleria Rostrenna

Walter Toud will Entertain.

Bymphony No. 8 at B Minor (" Unfinished ") #30,-WEATHER FORFCAST and NEWS

S.B. from London. Tolk on Foreign Affeirs. S.B. from Lond

Lenal Naws. 0.0 Orchestra. Rouse

Os r ve, Selected from Gahert and St. ver Seres, Mar-to, Handel Wages" . Morressy 10.30. Close down.

SATURDAY.

4 0-5.0 The 2BK Trie. E. J. Harris (Solo-

A pay rich. H LEPPING CORNER.
A. V. L. J. E. N. S. L. M. W.S.
B. from Landon.
Tank A. e. Stachan Director
Lara N. ves.

Novelty Hight, TI's St. ... O nestra with play Music not a nerto broad not from the Station.

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1924.)

VICTORIA GO DON (Contrate).

THE BELEAST RADIO I LAYERS.

The Orchestra

La Prograte "... A good, of hours

The K og of Y.

La d. Marten

Pipe Band.

The Taking of Beasmont Hannel.

S. thapey, "Bengholl."

1. "Jock Wason. Victoria Gordon.

" To the Forest 7 pa 1 1 Ever So Far Away " Little Silver Ring". Chan a we Japanese Scena, " In Pair Tolde "

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M . lat Bu t. Seafor h s Farowell to

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1 " Piper of Franciscud.

Or.

Camp, "Express Train

10 O. SAVOY BANDS. & H. from London. 12.0. Close down.

A conceiver against a subject them indicates the manual its publisher. A key list of publishers will be found on page 309

Early Days in a Spider's Life.

Baby Insects and Their Ways. By Edward C. Ash.*

YOUNG apiders at their baby age are very comfortable, twenty, thirty, fifty, one h, named and-fifty, five handred, and samet mes nearly a thousand habites hatch in a woolly like bag of flocculated side, real side-nothing artificial about it of super quality. All on their own, most young sudden start life in a corner of a window, under the back of a tree, or on the underside of a lent

When quite young and newly hatched, spiders are in some ways very much alike; they have fat, stubby short, shapeless limbs, and traparent glass, with great, deep wankles; b, q its uscless for washing, or anything else. They are bent the wrong way-like people with there class tickets on certain railways, at certain hours. At this age they are helpless, summed together in a beap.

Bobbing in a Bog.

They are of various colours, often purp : or snow white; silvery green or yellow; their been are always the crystal glass, but the eyes of different war et es show marked differences.

The eight or six eyes are often just so many tiny red marks, with only the centre two black and cycline. Newly-hatched Wolf Spiders cyce appear to have run into each other,

forming a pitch black, thick line.
Young Wolf Spiders start life in a bag fastened to their mother, bobbing about just clear of the ground. Only when the mother rests does that bag go down-intentionally, of course; all other humps are accidental

W thin a few hours after hatching inside the bag, the thirty to furty children start energetically changing their axins. Wrigging convulsively, the back splits, and out they come, dragging their new legs from old coverings For some moments they appear to have sixteen wors rach.

A Confusion of Legs.

Their new legs have joints. No longer glasslike, they are of use. For a few days they remain in the bag, with the egg sheds dry and shrivelted up, and keep warm. This happens in June and July

they remain there chaped together-a con-

they remain there clasped together—a con-listion of legs. They never get cross or angra-there and t room for rows. They couldn't if they tried. They wouldn't know whose legs they were biting!

The young Wolf Spiders climb on to their mother's back when they leave the egg bag hash one grabs, each one tries to get "front row of stalls" and, head downwards, cling— the stalls of the for better or lor wors

The Living " Bea."

Their mother tries to make jungaeys as easy se rotten roads abow; but no County Council or other pubes authority keeps bont grass above spider bus heights or moves obstacles, and this means accreases

and this means derivates

If a Wolf Spider bas feels hangry and meets
autother bos, then bucking propehoes are out
of it! The children go off at tangents—some
on their own. It's all up on a bucking 'bus
Hence the burry to get off. They don't wait
antil it stops. The children prefer to bude in the grues, or to sit under stones than to rale.

The children return, swinging that legs in circles, goose-stopping. They feel their way with their legs. As they can away they laid a ine. Each one follows its own all back. They with cantion, but climb with great

The mother's legs are ladders, and they are soon on board "

The abddren never ride on a male. He is

neither countenanced nor licensed t and you can't wonder at it, for he is small, thin, it tructly neuratic and all jagged edges.

But they will ride on any mother, even some one else #2 but it must be a Wolf Spider Two or three families often ride together, two or three layers thick.

They keep off her eyes. However arashed no one rides forward. If they get too near her eyes, something frightens them, they draw back herricaly and scrum on behind like

A Sworien Head

The long-segged, vanishing-trick spider. Pholeus, travels about in great style booling her family in her paws in a silk net. Shi a nears to have a swollen head. Touch her, and the way the children say "Good bye" is quit a shock It's "He gl. Presto. We ve gone! and they have "

et ten spiders and other web builders voune ones are callerent. They do not ride on their mothers back or in her jawa. go off on tight ropes, delighted! On meeting a sister, or brother, on the same rope, they try and knock each other off

They seem to play "King of the Caster," and get tritance—each one afraid of the other 150 coldern; and only one castle! Until they are on A, they don't see the castle, and they don't see the king until they being up against

hom, and that king bites!
A good proportion of them make attempts to be king. They all bite; they are all in a burry to clear.

Ex-kings hang in clusters, and horries verhips up again; it is a strain to hang on a line. No cooner up, than they are down, no sooner down, than they are up !

A Furious "Jay Ride."

This game has advantages. Failing further than intended, they limit a fresh castle, and gradually thin out, and go off into the work-

the young spirier no larger than two plus heads united, caught a powerfully built fly. The baby a web, only three noise in dumeter, was perfect in shape and that muest did not improve it ' Smash went the web, the fly would have escaped but the young spider leaps on to its tail. Off went the fly, the balls ender on board, holding on to the rurder, went too. The spider was fastened by a line to the remnants of its web. The fly did not go far. Lake the Lying bonts in the coundabouts, it went round and round at the end of its tether

An extra last and furious joy ride made that havy spiner say "enough" and no sooner did the fly stop for a breather than Master, or Mos, Spader wisely fastened its line directly to the fly's radder. Then, harving to the bows, it attached another line there, and holding this new line well up with one hand leg, it scaled the first line back to the remains of its web, and attached the second line on to the beam.

The Certain Winner-

The young spider sat on the beam the fly ow like a sent of a awing on two ropes, fleround. The tackle might give, so the baby spider went down with the intention, I suppose, of a techniq another rope to the fly, but hardly was it on board than that fly made on effort at such speed that the lines suspeed, and away

I did not see the rest. I don't know where hey went to , I don't suppose they know saw them vanish sito the sky, but you can magine the rest. No insect can fly for ever It has to settle some time, somewhere, and you can be sure that spider won.

"Cutting" Remarks.

The B.B.C. 'Pressmen' on Passing Events.

THE Ecutor of The Budio Times has some very ambitious plans for 1926, and he ntends to get some of the most distinguished writers of the world to contribute. It came as no surprise, therefore, when, with admiratio , reason, he my fed me to wote a column nor tanything I ked

He suggested that it would not be a bad idea. I I were to look through the bushel of newspaper cuttings that passed through my hands such day, and pick out one or two for remark.

A Trap for "Pirates."

Drawing out a bundle at random, the first that strikes the eye is " Wireless in Yap Island. Now, where on earth is Yap Island? The most Now, where on earth is Yap Island? serious meather of the staff save that it is the s lent room of a lit i ea club.

Tolking about Yap, here is another outof a more venerable date which tells a story an enterprising French tax collector. It was his duty to cohect the money for dog Beences. and he was of openion that the number of canno transmitters did not correspond with the number of licences. He hit upon the brilliant idea of going round to every house in his district with a list of those who had paid ricences in his hand, and he barked like a dog outside every house not dawn on his little list. It was amazing to find the number of houses from which there was an answering back.

Now that seems a very fine scheme for those wareless pirates who listen without taking out acenees, and then send in letters entiquing the programmes.

Why should not Captain Bekersley inventsome design whereby it would be possible to go outside a house with a portable transmitter and locate people with wireless sets and no counces." It would be an easy matter for the engineers (as they have not much to do to find out who had beened and who had not

A Doubtful Rhymo.

The new high power station at Daventry does not seem to be going ahead as quickly as some members of the public would like I believe that the real reason is that the

programme department have not made up their minus whether Daventry rhymes with have entry," or whether it should be pronounced "Daintree," to rhyme with Autree. Personally, I hope that the latter pronunciation will be adopted, because it would be a feet viscous provides the Grand National Station.

first-class name for the Grand National Station which we hope Daventry will become

Why is it that when anyone mentions the in Wigan," people smile? I have been a Wigan are inversely much to laugh about, but there are evidently good people there, for the Wigan Board of Guardians have installed a wireless set in Bulinge Hospital

Broadensting Billingigate.

Happy thought! Why should not the B.B.C. matall a microphone in Billingsgate Fish Market and broadcast specimens of the language Charing Cross and Waterloo-(where they have sufficient language of their own over the eccen tricities of the france; ?

Apropue the recent concart down a in.ne in Lords, a Sheffield correspondent writes suggesting that a few more artists should be sendown a mine without having a microphone

Wonderfully enterprising people, the B.B.t. I see from the papers that they are ha a magic lanters up in their studio for rathe drome. Somehow or other, one wishes that it could have been possible to have those trans-

Magic the Microphone.

Perfecting the Mechanical Ear. By P. P. ECKERSLEY.

N this article I will attempt to driftne in general t terms the exodes operands of and the diffi-edites inherent in what is termed the "Microphone.

As a matter of fact, a new term is wanted for the device which converts varying air pressures (sound) into correspondingly varying electrical pressures. The term Microphone was first used for a "casual contact " affore, which is in common use to-day on the ordinary telephones Later, wire telephone engineers came to call this t ong we talk into "the Transmitter

By its derivation, obviously the term Microphone cannot embrace all those devices which c. c. sound to electrical vibrations, and the ter fransmitter has been so largely used a connection with the apparatus that creates and radiates mutably modulated ether waves, that neither will adequately fulfil the necessary generic quality required in an all embracing

"Pick-Up Bevice."

The Americana have evolved 'Pasa's
sevice a clumay term, but one which I

Pick up devices " divide themselves into two general riasses: (a) for uses where intellig bility of speech is alone the criterion of their performance; (b) for broadcast purposes where they can only finally be described as perfect. when, if associated with a perfect " reproducer. they give a reproduction undetectable from the

Absolute perfection is required in entegory (b), and it may be interesting to see what exactly is the problem, how it is solved in portsin cases. and what still remains to be done

The cars are capable of giving to the human brein the sensations of hearing when compressions and rarefactions of the contiguous air impinge upon them. We say we "bear" when the air around us is beaten up into

bitle compressions and rarefactions around us. We say we hear a note when these waves are regular, when reducing it down to something slow and understandable, a cumpaindused by a rarefaction and then a compression, and so on at regular inter-We say we hear a none when a complex jumble of parefactions, compressions, and so on, swirl around our

Waves on a Blanket

Turning to analogy, regular warres are formed on the surface of a blancet had on a table. When we shake one end of the blanket regularly up and down ,a notel,-a jumble of waves, but still are fra * 46 ×5. don the branket anyhow now fast, now alow, now jerked, now moved amouthly (a monse).

The extraordinary quality of a note is that it can be heard as each over an , and garant of frequencies. The 15 KBA 6 order of 15 a second, and such a note cames to us from the largest pipe of The highest note we can hear may be of the order of 15,000 vitra n second. This note is selvion brought or notice fundamentally, but result Administra tenes" from violina and other string instruments.

The bat a squeak is an example of a

have the faculty of hearing even higher notes than haman bech and, I believe, rection, that Galton produced a wristle which was would ble to human bebut which ereated quite a famre among the Sound

29

The upp hie games which we have to consider in a practical sense is from, say, 30 a second up to 10,500. A piano scale is from about 30 up to 4.600, but the character of the higher notes would se somewhat lost if we cannot hear the overtones up to 10,000.

When we draw the bow of the violin agrees the gut, the instrument gives out not only, say, ita of 1,000, but also other notes of 4,000 and even 8,000; the latter being overtones or multiples of the fundamental 2,000). To give character then, to voices and music, we sawd consider the whole games from 30 to 10,000.

Now, it would appear at first sight that for our ideal 'pick-up device' we must have some thing which will respond to vibrations of 10,000 and to 5,000 and to 500 and to 50, or to 30 or to any other frequency between the limits of the ganist.

It is not necessary, however, to have a 'pick up device" which responds squally over the whole gamut, because one can correct against certain definets known laws; but it is necessary to have a device which does not give enddon responses to certain bands of frequencies here and there, up and down the scal-

The ideal, therefore, of aperiodicity must be aimed at, although it matters not fendamentally whether the restance curve is straight or curved. to a known law-we can correct against regular

In all "pick-up devicer" there is a moving part, which is caused to move by the impinging a r waves, and it is interesting that in our search for aperiodicity we must climinate any vibrations. in the surrounding mrehanism. Thus, people are sometimes inclined to ony the virtues of dame interphones or photo-electric devices, little realizing that their performance is not measured by the particular method adopted to areate electric imputees by moving armstures, out ra her ness in the mechanical methods adopted to secure faithful and smooth response over the whole gamut.

Two Uraful Typat.

I is interesting to know that there is more in the method of support to whate it wins in is in our, than there is in the chor, of method to secure a "sound electricity" converter Anything will give a result, so few devices are worked out to the last degree of perfection that tives a good result

At the B.B.C. we use mainly two types of pick up device," one manufactured by the Western Electric Company, and the other the invention of Mr. Sykot, an Englishman. latter was developed and perfected by Captain Round, of the Marconi Company

The ideal of aperiodicity in the former instrument is achieved by using an ordinary osmal contact nucruphone stached to a metal displaragm, which is aperiodic for all practical purposes by being given a penodicity above the apper practical limit of the and,ble scale. The diaphragm is in resonance, that is to say,

with impulses of perhaps 12,000, Us Tu but anywhere below quency it gives aperiodicity. The instrument is robust, compact and casely handled.

The Carbon Microphone,

The Round Sykes magnetophone rehes for its action upon the movement caused by the implifying air on a diaphragm, which is really an atmobar coil of wire to a magnetic field. "A certain flacingess" is achieved by backing this flat signal coil by thin paper and by letting it hang cancelly in the space juvyided between steel pole-pieces. Vascline and cotton wool go to complete an instrument which represents the ideals of performance and simplicity. In both devices care is taken to suspend the moving parts freely so that the armature alone

The ord very earbon zauzophone of overvday use relies for its action upon s relatively extreme sensitivity to only that amail band of frequencies which give speech and intellig bility. This enables the designer to construct an extremely practical and sensitive in-

With broadcast instruments where the qualities of resenance are done away with, the designer has to use electric impoless to the same value as directly by the ordinary more-

phone of everyday ---



Wife: "Well, If that's Captain Eckersley speaking, I can't understand a word he sage."

Husband: "My dear, you're looking at the wrong programme.

Thus us a besseen sole."



You can of strong. rely on its reception, assembling of filament, and you needn't be too grid and anode. Every nervous about its fila-Treat it fairly ment. and it will serve you faithfully. That's the principle of an Ediswan Valve. It is designed for perfect reception over long or short ranges thirty years perience is embodied in every bulb. It is built for long life in every day

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. 42 stade I car at fore to a he ma at 500 Al som Situ Kn non i - i ihr lat white sin will employ experimente ess can be seen.

Dundee Programme. 2DE 331 M.

Week Beginning Sunday, February 8th.

SUNDAY, February MS.

2.6 5.70. Programme S.B. Irons Londo
5.70-9.9. Services Consected by The Rev LAMES WEATHLIGHTAD D.D. of St. Pro s.t.F. Church.

MONDAY, February 5th.

50 f.15.—WCMFN S TOPICS

DI EN S CORNES

(40-10-30.—Proc. 19 on S R 19 on 19 on

TUESDAY, February 10th. 5-15-60 CELIDRENS CORN. IC 0-40-0.55. Boy Scouts' Talk

* THE SCOTT SH OF CHESTRA

9 30 11 9 Programme S.B. from 1 "

WEDNESDAY, February 13th.

C 40 6 55. Boys Brigado Take

p 30 p 0 h presentative Council University Col lege, Dundee

THURSDAY, February 12th.

1 Rental of New Gramophone Records. . B.O. CHILDREN'S CORNER

h her a Da 5. B. fr ...

. 0- 11 0 .- Programmo S.B from Lordon, FRIDAY, February 13th.

6.0 A.M. WOVEN'S TOPICS

7 30 PAUL DE LA TORRE (Solo Piane

Mrs. EREDERICK GIBSON (Soprace . Good Mornita brother Sanstans Lina Lehmann

To Day the Thrushes Woka Me His est Vento.

P amoforte Solections

Panoforte Select ons
Freq Toner
Two Latle Irish Bongs' Lah
Rtare Have Eves "...... Sanderson
it ELLIOTT KINGSLEY
The Sergeage Hozfuz Speech from the
Famous Remails v. Pickwark Trial Serge
(Pickwark Papers ') Dickens

* Anno Loune "... ort. Enmerson 2
Of A' the Arts
Fred T. **

Prod T of Man and May Del Charter Learners of the State of Man London London London Land Man London Land Man La

Jen : Jelicards (13)

"When Evening a Tw hight The Long Day Closes Sullivan (11)

SATURDAY, February 16th, 5 15-0.0.—CHILDREN'S CORNER.
0-12.0. Programme S.B from Gb was

Edinburgh Programme. ZE.H 328 M.

Week Beginning Sunday, February 8th.

SUNDAY, February 8th
3.0 5.20. Programme S.B fring Lo a
6 30 8.0.—Reng our Service, relayed from 8t
Condert's Parch Church. Proacher
The Rev. JAMES BLACK, D.D.
4 Stronger & U.F. Church
Longerman S.B. from Limit

MONDAY, February 9th. 10 40.—The Station Positions Trid. o 5.0. (Hill REN'S CORNER 43. Programme & B from Glasges.
Mr GE 3R E. MACDONALD. C B
LL D. F B.A. on *Roman Britain (8)

* B to other Stations.

0.0 10 c0. Programme S.B. from Whisper.

Local News

10.5-10 30. Programme S B. from Observe

6.50 17 0 -- "THE RUMANY RESILLERS." from the Duncate Parase t

THURSDAY, Feb. 12th, and SATURDAY, Feb. 14th.

3.0-4.0. The Stat on Fier forte Tho. 5.0-0.0. Chambell'N'S CORNER. 6.40-6.05.—Mr Charles Davinson S.B. from Lacratern Feb. 12th 7 0 onwards. - Programme S.R. Jenin London

7 O consider—Programme S.R. from London
FRIDAY, February 13th.
50 3.80. The Standor Pumphorte Trio
3.30. Thek to Schools : Sir LEST IE MAI
RENZIE, M.D., LL.D., F.R.S.E., &c.,
on UR sension
4 30-5 15. -Transmission to School Chadren
laved from the User Hall, Lecture
Mr. HERBERT WISEMAN, M.A.
50 0.—URLIDREN'S COANER
50-7 30. Programme S.R. from London
7 30-8.0 RERT MISSIALL (Tenor).
Newro Sourmels, Bullads and Sores.

Negro Spirituals, Ballads and Songs. 8.0-0.0. Betiend the Scenes.

Fine evening we invite letterers to come in imagination behind the grones and watch the whoels go round

The North Research Suprano State North Nor

A temande, Goverte and Musette D' Herr Jous Pensess Fugitives . . Mostkorek:

Seler ad Songa. 16.35. Close down.

Hull Programme. 6KH 335 ML

Week Beginning Sunday, February 8th.

SUNDAY, February 8th.

TUESDAY, February 10th at THURSDAY, February 12th

3.30 Gramuphone Boom is E WOMAN'S BALL I MP E I& - (HDL -R N S COPNE) F or a second of the contraction

FRIDAY, February 13th
3.0 3.30 | Munic obsych from the Majestic Pi-LO 4.80.1 | three House
| 30-4.0.—WCMEN'S HALF FOUR,
| 15. CHILDREN'S CORNER
| Programme S.B. from Load

Vocal and Instrumental Right. M ION DE ROLR (Solo Planoforte). E R . . NTON & LADIES CHOIR, Choo. 7 30.

Part Songs—
The Snew " Line Snew " Edger (11)
Most centre Moon " Harrison · · · · · · · Horrison Suir-se and Sous Step lend & Cradie S 400 1.

Someone Some of the Yo Eh. Bh tele at S. Las the Night " Bob

"A Greenan Lan Iseapo" ... Jankson (2) Contralto Song Sappao a Faronel

Paprino Songe.
Trio, "O Memory " ... Leaks (11)

Contralto Souga and Duota.

Part Serge—
The Mermad " Schumann (11)
" Rest Thee on this Mossy Pillow

8 30-10.0,—Programme S.B. from Londor, L.O. Marion de Boer Fantanno Impromptu

Waltz in A Pla Study in G F Study in the Street Walter Services
Novedetten hands Potomoiso in la Lengt 10-30.--- Close down.

SATURDAY, February 14th

3 30. Gramophone Records.

3 30-4 0.- WOMEN'S HALF HOUR. 70. WEATHER FURICAST and NEWS.

mu Lordon
Luca News.

**cogramme & B. from Lordon.

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B 5	Filament Voltage 3 Volta Filament Cerrent 0.06 Amp Max. Plate Voltage 30 Volta		21 0
	POWER AMPLIFYIN	VG TYPES	
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B 6	Filament Voltage	} 35 0	30 0
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Advertisement of The British Thomson Housing Co Ltd.

Leeds-Bradford Programme.

346 M. 310 M. Week Beginning Sunday, February 8th.

SUNDAY, February 8th 615 2 2 2 2 2 2 2 2 2 L.U-10.30. Programme S.H. from Loud

and SATURDAY,

MONDAY, February 9th, and SA February 14th 6.4 C.65 S. C. C. S. C.

WEDNESDAY, February 11th.

J 30-4 R. Beine on Paris of Prilipsen receives from an Invert Poters House

Lands

1. 15 C 15 C A LDP+N N C HCNE A

6.4a C 55 C AM Anvil, by the Smilesmath

7. 6 To 36 - x regramme S B, from London.

FRIDAY, Fabruary 18th, 1, 30 1° 30.—Gramophone Records, 3.30 4.0 A Talk to Local Schools, 4.0-4.30.—Bensley Client and his Orchestra, relayed from the Tower Picture House,

Loren.

5 15 6 5 CHILLREN'S CORNER

5 17 30 Francisco S.B. from London
DOFTIS (CAPN Merc. Seq. 900)
ARTHER HAVMOOD Sef. Promotorie).
K.B. MANNA Ser. Violence.
FLWATO For N. H. (Forestoriest
CHNACL LETT (lenor).

7 30 Art. of Halmood
"Simple Capter Violence."

S n oto Caption Et al., t p 1d. N : 5 Fograch 18 en (Hoj n Beet and Arm Lean ("L Enfant Pro-7 40.

Figure States Ms of art States and arcticles. Since well gretini. Konyashy

Charson Cort que

O. two Jd. to err two Recits and Arm from The Marke of Surv.

Antioch
Ree , Where she name?
Arm there is a name.

Francisco Margarette Tenny von

The Revenge Tenny von

The Revenue

Archar Haywood

The Bel Lieris Cowen

Light Larry Wood Secretary 1 given (1)

Alama d. Harry Me cay

I car to I appear to the sex

Solution to

To Some sure Sure of the School of S

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Jerome K. Jerome, to-day that you also and if you are to take full advantage of these opportunities. This is where Pelman isro comes in. As Jerome K. Jerome says Pelmanism won't turn you into a geneus, and it won't put more brain into you than you have got, but-

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A Sollector writes that when engaging a Socretary some months ago an appricant stated that an entities as it Pers on Stations, I engaged har on the spot, I he adds oil my decision has been more to a

An Assistant Works Manager states that he ha I promotion with a 40 per cent increase

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A Clork wateat Permas am h to uo better werk and to work a entors, Result at an

A Salexman reports that his salary has more

A Cashier directly ascress to Pelmanism the A Surveyor works reduces as the no order and set an order and set are on the name to a you could reach the many

A Builder says that since taking up Pr n he is doing as much work in or sees to do in one year

An Ex-Service Man report that he has pe the civil betwee examination a permanent Covertment Post, transfer this man f

A Manager says that he has be costed to say the costs of solary

A Dostor says that he has say

A Mining Engineer writes that be post with an increase of 250 s at.

A Shopkeeper reports that since a leman Course be has combined as bus.

A Denial Surgeon states that s lary

his meanic ha

A Shop Assistant reports the a been devoted and her conto is a trace what it was owing A Telegraphist states the he he present appointment analy

A Designer and Draughtsman reporof more than too per cent , due to incree flor reflect

An Accountant reports that he in "autotantial privace in soon A Works Gerk ness that

haptahed his wortes and given how alsolute

An Electrician states that he has gar An appearenant rose in wages. A standard rose in wages. A standard rose in wages. A standard rose in water that he has the forester with much bighter emonuments. A Theological Student says that Prinche/ped him to pass an Examination in Chorch

A Soleswoman reports that she was a great two

rises in twelve month A Civil Servant reports an intere | 120 per cent in solary on eccour. | 1 | requery for de ac

A Teacher states that she it of fire ut Mistress A Journalist reports on it

result of a fair areas a Lady Student says that she

attributes this to H Tues An Artist with a

A Parimer states that he I from Pelmanism "in bereen on Pet et Men "

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Fernances she adds, "sea most absorbe game, which each player can learn for himse to there id. At any convention moment are may take up the Lattle Grey Books 4, real mental recreation. In my the manual does more than equate in the

It recreates the mind, fills one with a new energy for work, slimulates one to a greater determination of will-power, and increases the capacity for depocutration."

best its the wonderful results to po-anism tures up very little time. You a obtain the full benefit the statem by dear



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315 M Week Beginning Sunday, February 8th.

SUNDAY, February 5th. 10 30 Programmes S R. from Londs

MONDAY, February 8th. 110-120 M many Concert 130-4-50 Conthard and On metro, related 550-630. CHILDREN'S CORNER

* 0 10 30.—Programma S.B. Jeom Landon THESDAY, February 18th.

4 0 5.0 -The "State Breater Laverpool and claved from he States at 6.30 4 HILDREA'S COSA'S

7 0-WEATHER FORE AST and NEWS

S.B. from London
S. b. ACKERNANN S.B. Tropo

F LIVERPOOL PRICHARMONA

SOCIETY S ELECTIFICATION FROM

The In Larmonic U

Conductor—EUGENE CHOOSEN

730.—Some remarks on the works to be per

Dear Love, Remember M of the Atlander or Brotham for a large and Brotham for a large and the Louis Constant of the Louis Constant of

% see as Lone

The extensions SR from Leader for Valley and SR from Leader SR from Leader SR for SR from Leader for SR LOUS SN F SNN

WEDNESDAY, February 11th, 1) 6-12-6. Minday Concert 3-20-4-20. On Jury non-fes Orchestra 5-20-6-20. CHILDREN 8. COENET

7 0-10.30 Programme S. S. from Londo .

FRIDAY, February 13th

The "State Bug-let Livernoof"

TO SO GOURTER TO 15.30. Programme & H. from Landon

SATURDAY, Fabruary 14th.

O : Organ Regual regived from the St.

Casarge's Hall

5 30 6 30. -CHILDRLN'S CORNER

7 0 12 h. Programme S.B. 1900 Lower

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Nottingham Programme. 322 M.

Week Beginning Sunday, February 8th.

SUNDAY, February 8th.

1 6 5.30. 8.0- 10.30. (Programmer S. B. from London

MONDAY, February 9th.

130-130. The Seam tra 31 sucre Threetor, America James

4 30- 5.6. WOMEN'S TOPACY

5.15-0.0. CLAIM REN'S CORNER 6 5-0.15. Teens Lumer

C. C. 10. Stat on Tr_ka C. 1. Mr A R rp rp a

TLESDAY, February 18th.

Rousew Eston

4 m. So. WOMEN'S TOPICS.

5 ISSAO, CHILD GEN'S CORNEL

6 55. Mr. Edward Lee mg. H A Entorus First Noveb

70 L.O. Programme S.L. vm , w

WEDNESDAY, February 11th.

11 50-19 30. Gramophone Records of the Week

4 30 5.0 - WOMEN'S TOPICS

6 to CHLOREN'S CORNE .

6 to Prof. R. Pears. M.C., M.A., Talk and Telephone Waveness Discussion with astenors on 'Economics and Wolan's

7 6-7.30.—Programme S.B. from London.

"HIAWATHA'S WEDDING

(Colordge Taylor)
THE, NOTTINGHAM SACRED HAR
MONK SOCIETY

Relayed from The A best Ha

ARTHUR JORDAN (Tor or FREDERICK MOUNTNEY (lat. Vonl.) N. V., Y. OF THERE S. OF N. V., Y. OF AND CHIEFDRY, RS. V. OF OF A VILLEN GULL.

R. V. OF OF OR S.B. from London

THURSDAY, February 12th.

1 sh. Mr. T. G. The traction of the structure of 3, 23- 3, 46. 15

Double B

FRIDAY February 13.h.

0.20 0.35. Teens Corner

7 0 7 30. Programme S II from London

Popular fincert.

By permission of the Watch Committee and Lt.-Col. F Brooks, D.S.O., M.C.)

transator JOHN GEORGE HEWETT (Late Bandmaster, Duke of Cornw Light Infancry)

HILDA WARR N NOPOR JOHN WHITEHORN (Bentone).

Baud

March, "Under the Albed Hanner"

" Overt are d. Be lo " Sullioun (11

(Continued in column 1, page 251)



New Janes : ; tonds the haptives tonds the haptiton a w ed electro-plated by the

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EIC. 3900	Single Valve Set (DFR Volve)	- 6	8	0	- 6	15	O
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BC. 3050	Single Valve Set (DE3 Valve)	7	P	0	7	8	C
BC, 305L	Ditto but with Headphones, LT and HT Batterius, &c	10	ት	3	10	0	C
BC. 3258	2-Valve Set (Flat model), Det and LF (DER Valves.	9	47	0	9	6	C
BC. 3251	Ditto with Headphones LT and HT Retteres	-13	0	0	12	14	Q
BC, 3255	2-Valve Set (Flat Model), Det and LF (DE3 Valves)	- 1	ш	Ü	10	13	9
BC. 3256	Ditto but with Headphones, LT and HT Batteries	14	10	0	13	2	C
BC. 3200	2 Valve Cabinet Set, Det and LF, DER Valvas, complete with Head- phones, LT and HT Batteries	18	10	O-	18	4	c
BC 3205	Date but with DE3 Values	19	0	U	18	12	C
BC_ 2901	2-Valve Cabinet Set, HF and Det (R5 Valves), complete with Hendphones and LT and HT Batteries	20	b	0	19	17	•
BC: 2002	Ditto but with DER Valves	19	5	0	19	0	¢
BC 3350	3-Valve Set. Det and 2LF (R5 and DE5 Valves)	8	3	ß	17	15	¢
BC, 335k	Ditto but with Headphones, LT and HT Butteres	33	14	P	23	7	C
BC. 3355	3-Valve Set, Det and 2 LF (DER and DE6 Valves	48	li.	0	18	- 1	¢
BC. 3356	Ditto but with Headphones, 1 T and HT Batteries	.3	7	0	22	16	g
BC. 3300	3-Valve Cabinet Set. Det and 2LF (RS and DES Valves), complete with Headphones, LT and HT Batteries	28	ŋ	,	27	12	
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Plymouth Programme. 5PY 338 M.

Week Beginning Sunday, February 8th.

SUNDAY, February 5th.

3.0- 5.30. 8 0- 10.30. Programmes E.B. from London.

MONDAY, February 9th, and WEDNESDAY,
February 11th.

3.50 4.30.—Ernest Manning and his Oschastra,
relayed from the New Pal actium Cinc—
Vocal. 3. Derothy Lincoln (Superno).

5. C. 3. S. C. M. S. T. P. C. S.

7. O-0.30.—Programme S.R. From London.

TUESDAY, February 16th.

3 30-4-20.—Erosat Manning and his Orchestra
5, 0, 5, 20.—WOM IN STOICS

5 30-6-20.—CHLDREN'S CORAFR

0.11 6.55.—Mr Eric J Patterson, M.A. (Cantub),

"The Problem of Aduat Education on the
South West of Engine 1

7 0-11.0.—Programme S.B., from Landon

THURSDAY, February 12th.

4 0-5.0.—The Bhan Lagons Soptet Dance Band.

5 - 730. WCMEN'S TOPH'S.

7 - 4 - 4 - 4 - 1 REN'S CORNER.

(4 - 4 - 4 - 4 - 1 REN'S CORNER.

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(4 - 4 - 4 - 4 - 1 REN'S CORNER.

(5 - 4 - 4 - 4 - 1 REN'S CORNER.

(6 - 4 - 4 - 4 - 4 - 1 REN'S CORNER.

(7 - 110. Programme S.R. (cont. Long.)

7.0-110. Programme S.B. from Landon

FRIDAY, February 13th,
5 30-4.0.—To as to Schools Miss M Raymond
Francipal of Decemport High School
for ti ris, "St Valen me and St Valen
times they Cus oms." Mexica Interlate
Mr T R. Wittley, 'How to I separa-

To the form of the state of the

Light Orchestral Programme. THE STATION ORCHASTRA.

Solver Span

Por A N SHE PHERD (Rec tal). LADYS STONE (Suprant,

The Parising of the Greek."

The Escape of Se Grapt,"
Orchestra.
Hangarian Rhapsody," No. 1 ... Lect

8.50. Interlude Talk, "Silont Friends," by "Cassius,"

" Canputatia" Quartet.

Art Ve Late of S. Holes Me my Sale My Shape", J Mana") (Phillips Scheet on, The Language Lieft

Selection. The fields of Hoffmann "

Offenhe b 9.50-10.0.—Programme S. H. from Landon. 10.0. Quarte

10.0. Not Gwyn Dancos Inn Shephart

" The Tonet to the Ladies

Larry Long" School Baid " Godfrey Montague Phillips

40.70 Close down-

5.30 6.30,-CF-ILI REN'S CORVER 7.0-12.6.- Programme S.B. from Landon



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Sheffield Programme. 6FL 301 M.

Week Beginning Sunday, February 8th.

SUNDAY, February 8th.

2.0-5 20. 8.0-10.30. Programmes S.B. from London

MONDAY, February 9th, to THURSDAY, February 12th, and SATURDAY, February 14th.

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20. WOM N'S CORNER 5 to 6.20.—CHIL R N'S CORNER c 40 6.55. Mr C K Wright Wan Was We Owe

to treece (4), (Thursday Station Director's Talk. (Saturday)

FRIDAY February 13th.

4" - Is to be class after

+ 30 4 30. Local Concert

** CHAV SER MUSIC BY

OURSLING STILL SURFIELD

olayed from the V

10730.—Programme 8 B. trans London.

Opera Night. 7 80.

Amners

FALST ' 'Granod

Duet in Act I. (Facet am Mephastopheiss).

Flower Stand (Stabel

'sarte" (Valentine)

Doss, "The Hour is Love" (Margarith and Fautt

11 h \ \ \ 1 IS Gound)

2 P P P IL TROUGHT RE " (Feed)

to Her Doop t. He Feenly Defended.

Home to Our Mount

Duct in Act L. Sc to

The Hard of Person

We React to Wisars
0.50 10.0.—Programme S.B fee Lo. d
10 to Annu Couchmate
Study in the Form of a Walta

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is respectively.

Deceme That I Dwe't in Marble Ha is. Love Strates But to Deceive

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Stoke - on - Trent Programme.

6ST 306 M.

Week Beginning Sunday, February 8th.

SUNDAY, February 8th

 $\begin{bmatrix} 3.6 & 0.30, \\ 6.0 & \text{ad.} 30 \end{bmatrix}$ Programmes S.B. from Londo .

MONDAY, FEBRUARY 9th, to WEDNES-DAY, February 11th, and SATURDAY, February 14th.

7 0 4 30. The Magestie Cinema Orchestra Musical Director Thomas Backe (CORD -CHALL & NROLENEL 7 0 anwards.—Promamore S.B. from London

THURSDAY, February 12th. 5.30 • 30. This Week's Gramophone Reco-5.6 6.6. Children S COLNEL 7.0 1. 0. Programme S.B from Londo

FRIDAY, February 13th O. Talk to Schools - Mr F J Stone A Talk on Music to the Young Folk 2.20-4.30. The Majestic Cinama Orchestra. + 6.0. Cir. LDREN 8 CORNER

C.S. CALDREN'S CORNER

1. O. Programme S.B. from London
HILDA COOKE Seque on
JOHN B.C. UNE (Tomo)

1. AR JLD WILKINSON (Second of the L. FORRESTER Haritone)
L. FORRESTER (Som Promotorie

1. W. GLESON Entertainer at the Pann).

Leon Forcester Praude and Fugue in E Maior Memiciae

8 20

John Bourne J C Rartlet 1 Heart & Market 1 Heart & Market 1 Const Busines 1 Const Business 2 Const Business 8.30.

8 40. Harold Wakeneon Variations on a Theme by (- - ,

to 10. The Weeds are Coaling

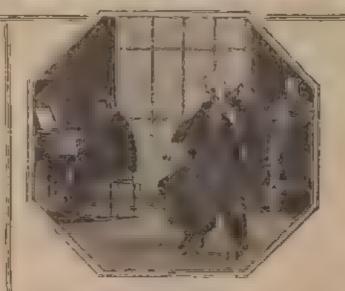
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RAVE OF THE REAL WAS BUT SETO CO., ATD., PARK ROYAL, LONDON, MANIE





comy week these advertisements with show an added advantage in the construction of Brandes Headphones

The headhands are made of more with a vitage of the wine as for the careful tage of as one of the careful tage of the headhand. They mean confirm more than and that had not had and arranged to the careful tage of the headhand. They mean confirm more than and the careful tage of the careful tage of the careful tage.

British Manufacture (BBC Sumped)

The unusual constructive theory of Brandes Matched Tone Headphones secures a tremendous improvement in accurateness, sensitivity and volume. A simple explanation is this: strike the same note at the same instant on any two musical instruments of the same kind. It's a hundred chances to one against both notes being of the same strength and pitch. Consequently, it jars, and you would much rather hear one alone. If both notes were exactly similar, it would be pleasing, and you would have greater volume and clarity. Brandes, with both receivers matched to exactly the same degree, achieve this desired end. Ask your Dealer for Brandes.



Superior Matched Tone Headphones

Swansea Programme.

485 M.

Week Beginning Sunday, February 8th.

SUNDAY, February 6th.

3 0-5 90. Programmes S.F.

To the same

MONDAY, February Sch. 3 0 4.0.—The Castle Cinema On bestra, relayed

from the Castin Greens, Musica, Direct

Tark Arton.

O S 15.- WOMEN'S TOPICS

S 8.0.- CHULDREN'S CORNER

Programme & B from Let 2.

TUESDAY, February 10th

WEDNESDAY, February 11th 5.15.—WOMEN'S TOPICS

5. 8-0.0. Children's Cornell.
.) 10.50.—Programme & B. from Cardiff

THURSDAY, February 12th.
3) 4 0.—The totale to one Grenes in
5 15-0.0. Childlen S CORNER
7) 11 0. Programme S.B from London

WEATHER POATS 481 and NEWS

From London

G. A. ATKANSON - ## from London

Hotal News

MAY BUBLEIGH Survey

ARCHIE S M S DN (Entertainer)

I I JUNES Soln Pranofer

THE NATIONAL OIL REFINERIES

ORCHESTRA

Occupation

A Farew Laddle [1]
The Cory of the Sea Sanderson [1]
Orchestre
Overture, "Raymond" Thomas
T. D. James.
"Sonata Pathetique," Op. 13, let Move 8.46.

ment ... Berthoren

Horaco Archae Strensor

Pitch My Lonely Comvan at Night in

! Want Somebody " , Gideon (7)

Pa rol, " The Wee Margroeger" .. dance

Selection, "Merrie England"

Add.—Programs & B. from Londor

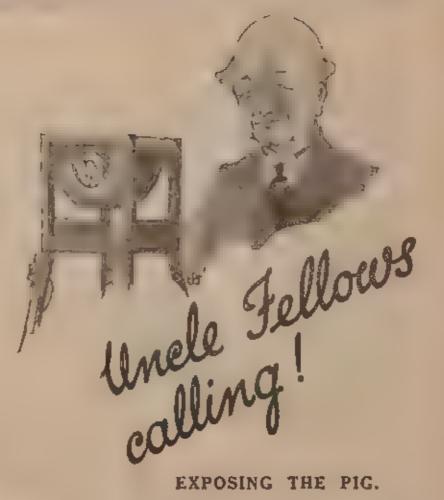
Orchestor Santo, " A K as for Cardwester" ... But

> Golean (7) A . I A mar Carried Tony . Nameda

March. 1 10 F 4 4 4 4

SATURDAY, February 14th.

3040-THE S COLVER . o 129 .- Program & B. from Care If



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(I manned from page 321.) John Whitehorn. 7 48. - 0

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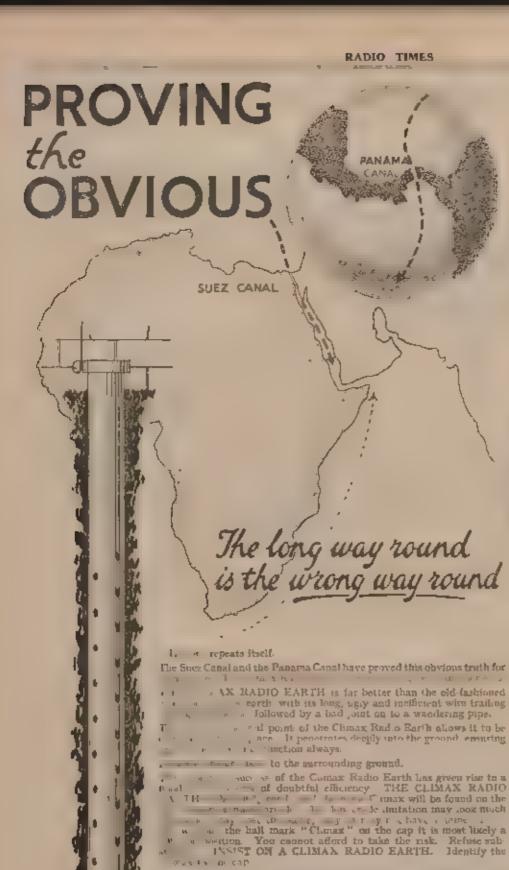
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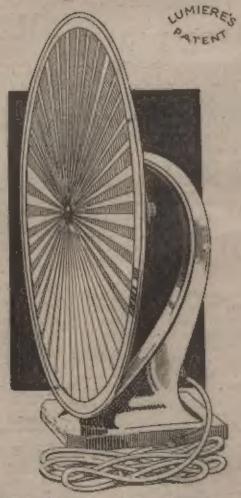


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