

OFFICIAL ORGAN OF T

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[6 P.O. a Newspaper.]

EVERY FRIDAY.

Two Pence.

OFFICIAL PROGRAMMES

for the wask commencing SUNDAY. March 1st.

MAIN STATIONS.

LONDON, CARDIFF, ABERDEEN, GLAS-COW, BIRMINGHAM, MANCHESTER, NEWCASTLE. BOURNEMOUTH. BELFAST

> HIGH-POWER STATION. (Chelmsford.)

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SPECIAL CONTENTS

MAKING LISTENERS JUMP! By G. K. Chesterton.

OFFICIAL NEWS AND VIEWS.

PEOPLE YOU WILL BEAR NEXT WEEK.

LISTENERS' LETTERS,

IMPORTANT TO READERS.

THE RANGE WINES, BALL, Southerpates Street

LETTERS FOR The should be seen to be greated by seen to be greated by seen to be a B.C. I Savey took W.C. RATES OF SUBSCRIPTION to "The Rate Times" adming postupe): 1 walve Months (Fereign), 15s. td.;

The Marvels of Magnetism.

By Sir OLIVER LODGE.

[This week we publish the fourth of the seven lectures on "Ether and Reality" which Sir Oliver Lodge is broadcasting from London.]

ONE of the most important things that we know about electrons and protons is that they can mover be either brought into all tence or put out of existence; they can only be moved about from place to place—they are, in that respect, like any other form of matter. They can be transferred from one body to another; they can be decantalated so that one healy has an excess, but more other hody must have an equal defect. An extra number of electrons gives a negative charge to the body : anything with an excess of unbalanced protons is positively charged.

But it may be said, surely, when a thing is discharged (that is, when one body sparks into another, as when you connect the two coals of a Leyden jar), the two charges disappear! Yes, they "disappear"; that is the right word. They are no longer opparent; but they have not gone out of existence. They have re-grouped themselves; the two opposite charges have got close together, they have, as it were, re-united; they are mutually satisfied, they make no more disturbance or strain, their lines of force have, as it were, shut up, or become exceedingly short. They have neutralized onch other so far as out-ide effects are concorned; but they have not obliterated each other, their existence is not terminated; they are there ready to be separated again, or it not they, charged bodies have become needed.

We never really produce or destroy electricity. What one body has gained, another has lost, and when the balance is restored, there is and when the balance is restored, there is equilibrium. We produce or display electric charge simply by transfer, simply by making manifest what was previously existent. We pull out infinitesicial lines of force and make them extend across perceptible space; we thus

in a way zenerate an electric field ; but the field was pre-existent, though infuntesimal and non-

If we liken the lines of force to clustic threads, they are clastic threads of infinitesimal length, capable of being stretched od libitum, without limit the lines never snap, nor do they ever shrink up into absolute nothingness. To make this statement quite safe, we ought to say that they are not "known" to do such a thing in they are not known to do such a thing in a y of our experiments, however absertly we treat them. Whether they ever shrink to netter our necord, remains to be seen; such a discovery has not yet been

West we have now to born is that some thing of the same sort is true of magnetism; than we penerate electroity. We can make a magnet, just as we can charge a body; but the anagnetism was there beforehand, just as the electricity was ; we have only made manifes a what was pre-existent,

So far, there is similarity, but now there are differences. We cannot charge a body with one ign of magnetism, say the north-seeking bash, serving another body charged with the south-serving had. Every magnet has an equal quantity of both hinds, but instead of being close together, they can be separated by the whole length of a piece of steel.

That is an old-fashioned method of regarding

magnetization, and has been known for centurnes; but the inner morning of it has not been so thoroughly known. There is a fundamental difference between electric and magnetic lines of force, a difference quite definite, though, perhaps, not easy to specify completely.

The main difference is this; so electric line of force has two ends, a positive end on a proton.

s negative end on an electron. A magnetic

(Continued overtenf.)

The Marvels of Magnetism.

(Continued from the previous page.)

line of force has no ends, it is always a closed loop. We may not think of a magnetic line of farce as analogous to an cluster thread joining two particles or pulling them together, it is more like an indiarubber ring; it is looped or closed on itself, it has no encle. But the loop is one that can be stretched, it can be expanded so as to epriose a big area, or it can shrink up until it is too small to be appreciable. It never shats up to nothing; it never goes out of existence. If you call these loops magnetism, we never generate magnetism; we open it out.

The Earth as a Magnet.

An inert piece of iron is full of such infinitesimal hope; the act of magnetization opens them out and makes them perceptible. Part of them then lies in the air ; but the air has nothing to do with them, they do not really exist in the nir, they exist solely in the Ether. And the iron is not necessary either; it may have on extra number of the loops, and without iron or some similar substance, we might possibly not have discovered them, or not discovered thom so soon; but they are there all the time, caurywhere.

The Ether is full of them , and it so happens that in or near some large bodies, like the earth, some cause has already opened out a few of those loops; so that the earth behaves like a per-manent magnet. What has magnetized the earth we do not completely know; but it was owing to that fact that the Ancients were enabled to discover magnetism. And some substances, even when dag out of the earth, have the power of retaining these loops in an opened-out condition: in other words, some ores of iron ace patural congrects. They are not very strong artificial magnets can be made much strongerand as the cause of untural magnetism is not known, it is not the most instructive kind for perious contemplation.

Backback Backbads.

It was long ago known, however, that the property of refaining the loops in an opened-cuts condition was preserved by steel, and many other substances in a greater or less degree , and there were rather blindfold methods also known by which one already magnetized body could excite magnetism in another. The natural idea would be that the magnetism of one was transferred to the other, and that what one body gained, the other lost. That is not so It is so in electric charge; it is not so in magnetism. The magnetic influence or so-called "industion" is exercised without less: one magnet can magnetize any number of others without itself being any the poorer; there is no limit to the amount of magnetization that can be produced, once it is started,

Magcolism and Life.

In this respect, it is rather like life. An oak can produce a large number of acorus, and each cone; and so un without limit. Wherever life exists, it can increase prodigiously; not at the expense of the original source, but as if there were an infinite reservoir from which it quald be drawn. The analogy is striking, but, perhaps, net belpful; for though we only know a little about magnetism, we know much less about fife. We do not explain the anknown by the still more unknown, but we can draw aftertion to analogies and similarities, in spite of mmense and important differences.

There in this further similarity, however, that production of more magnetism, or, more that production to more magnetism, or, more accurately, the display of pre-varient mag-netism, is not accomplished without expendi-ture of something. It is not magnetism which is expended, but energy; energy must be ex-

pended, that is, work must be done, in order to produce more magnets; and if energy is not expended, nothing happens.

So it is with life. A plant can produce in-numerable seeds, and thus give rice to income erable plants, but not in the absence of energy, not without the rays of the san. There must he available energy, and that is consumed in the

Forgetting the Sun. We live in such a stream of energy coming from the sun that we almost forget its existence; it is essential to every movement, it is emential to the display of every form of life. Life may be there, in most imperceptible form, unknown to us; but without radiant or etherial energy. it could not enter into relation with matter. it could not grow and develop and become

What life is, we do not know; what magneturn is, we are only beginning to learn. But the two have this in common; they may be dormant, unperceptible, inactive; by mean of energy they can be displayed, and displayed an unlimited amount. There is, as it were, an infinite amount available; or, if not infinite—that is, without limit—the limits are beyond anything that we have detected or imagined. We cannot say much about life (at least, I cannot), but I can say something more about mag-netism, which is apparently a much simpler

A Tramendous Discovery.

We not only have the power of passing it on by help of an ordinary magnetized body, which we pick up; we have the power of magnetizing a body de sors. We cannot cenerate the loops, it is true, but we can open them out, even if none already opened out were given us. We do not require a permanent magnet in order to magnetize budies. What do we require ? We require a moving electric charge; that is, we require to get an electron and a proton separated from each other and righ them along.

We generate magnetism by means of electricity. The two are remarkably inter-related they are by no means the same thing. Elec-tricity can generate magnetism, with the aid of energy expended. This was discovered by Arago carly in the nierteenth century; and a few decades later, Faraday made the termendous discovery that megnetism could generate electricity—also by the expenditure of energy. And now every dynamo is doing it.

The Link Between.

But these terms are not quite accurate. When I say that electricity can generate magnetism, I am speaking popularly. Moze accurately, an electric current can upon out pre-existent magnetic horps and thus generate a perceptible magnetic field, And when I say that magnetien can generate electricity. I ought to my that a magnet enables energy to generate an electric current; that is, to set electrons in

Motion, mechanical motion, is the link between the two things, electricity and magnetism. And it is by aid of mechanical motion (which is not an etherial process, pure and simple, but a material one) that electricity and magnetism is combination ste shie to interact with matter : and it is thus that they have come within our ken.

We realize electrical and magnetic phenomena by the motions which they are able to produce; we have sense organs for the purpose. Our physiological organism (in some asysterious way, to which we have grown as accommod that we fail to realize the mystery) enables to to perceive mechanical motion: we can see pieces of matter moving. When we see the guidserves of an electroscope diverge, we know

that they are electrically charged. When we see a galvanometer deflect, we know that there is an electric current in its neighbourhood. When we ese two pieces of iron or steel jump together, we know that they are magnetized.

We have a further most extraordinary sense. When we look at the flame of a fire or the filement of a lamp, or at the moon or a star or a landscape or, indeed, at any visible object, we know—at least, some of on have learnt to know—that there is an electromagnetic disturbauce in the other, travelling at a known pane, reaching our eye, and in some curious way stimulating the optio nerve. The sensations we experience directly: the meaning of these repeations, the causes which have curited them, the processes to which they are really due, are matters for inference, that is for scientific GEROVETY.

Correcting Our Knowledge.

The senses give us the results, they do not tell us about the mechanism. It has been no easy matter to discover the mechanism, and there is much still to be discovered about it. Our explanations are bound to be dependent on the present state of scientific knowledge; we may be sure that posterity will know much more,

Meanwhile, we can try to learn what is already known: and in so far as one knowledge is inacounte as well as incomplete, we must be always ready to correct it. We are certain that our knowledge will have to be mlarged; our hope is that it is accurate as far as it goes.

We live among difficulties, our life is bound by a struggle; but it may be a co-operative and not a competitive struggle.

An Unlimited Reservoir.

Knowledge in this respect is like life and magnetism: there is an unlimited reservoir from which to draw, and the imparting of knowledge does not lessen the amount prosessed by the imparter, it is transferred without loss, though doubtless, with the expenditure of some energy. Knowledge grows from more to more. By diffusion it is increased . what one gains, another does not lose. Some energy and skill are needed for broadcasting; but it is an operation that can be conducted without loss; if the transmitter softers at all, it is only his bodily energy which is consumed. A magnet which has exerted other magnets may be even attempter than before. Life which has excited other life may still be vignous. There may be temperary larigue : a shruh may be temporarily exhausted by producing seeds, but it soon recovers. Fatigue is natural to material organisms and to any expenditure of energy, but recuperation follows, and next year it is ready for a fresh crop.

Learning From Facts.

Certainly, in the race of a physiological organism, fatigue may be pressed to excess exhaustion, old age, and death lie in wait for budily organisms: It is not they which are permanent. A magnet may be knocked into inefficiency by hammering; its loops shrink up into apparent outhingness, but they have not gone out of existence. A loose tile from a housetop may destroy the mechanism of thought, and damage irretrievably the working of an organism: thereby life and mind will disuppear from our ken. But if the analogy holds, they have not gone out of existence. So far as we learn from science, nothing goes out of existence; it only changes its form, it may become inappreciable to our senses, it may to all apprarance cease

That is the Appearance. What is the Reality ! That question must be answered by Science, In the case of magnetime and electricity it has been answered; in the case of life and mind it is in process of being answered but, of course, not without controversy. Friendly discussion and controversy are to be welcomed. In this, so in all other matters, we must learn from the facts.

Making Listeners Jump!

By G. K. Chesterton.
In last week's "Radio Times" Mr. G. K.
Chesterton propounded some novel views on
broadcasting in his own inimitable style. This
week we publish the continuation of his article.

WE all of us, in wandering about the world, W come upon currous sceners that contain cry important matters. We often happen, so o speak, to hear small people saying very h Lings. Some utterly unknown man, of some humble and perhaps obscure trade, will have point of view or a type of experience that we have never heard before, and that we believe the readers of the newspapers have never heard believ.

He will sometimes need to be a man who tractically never reads the newspapers himcit; and there are many more such menthan the writers and readers of newspapers probably imagine, especially aming country people or men who have followed the sea.

A Question of Human Nature.

But the man may be entirely drban; he may be found in any of the grades of industrialism, and very prebably in one of the little and less-known tendes that depend upon or link un the great industrial operations. It will very probably be a trade that we never even heard the name of before. But it may be anything and it may turn up anywhere. The mark of it is that the angle of the argument or the point of the story is something that we find to be in-

The grievance is not the ordinary Socialist weener. The adventure is not the ordinary Is perialistic adventure. It is something that may possibly throw an entirely tresh light on cute contemporary orless or problems; but it is not the earns as the contemporary criticism of them on either side. The thing I mean like most valuable things, it at once indescribable and unmistakable. It is a question I human nature; and must be treated very twotfully in relation to much more important laws of bunian nature.

Manners Versus Radio.

Manners, not to mention morals, are a much more valuable discovery than wheless telegraphy. In a great many cases it will be much better to heave much a mun in his social setting and mucchy add his experience to our own experience; in many cases it is probable that self-consciousness would outliefy destroy the natural force. But I know of cases in which, after listening to such a man in a third-class carriage or a public-house, I should think I was acting as a very good citizen and a very fortunate servant of truth and justice if I said to that astotished individual: "Now you come and tell that to see thousand people."

Not the Voice of England?

By experiments conceived in that spirit, I believe it might yet be possible to outflank or get past the rank of unreal conventions that make an much of our journalism and politics both dull and describe; to get behind the facade of false reputation and finitions generalities that represent the England we live in as some-

thing quite different from itself.

I do not mean what is community connoted by anything revolutionary; the revolutions also have become conventions. I mean that so long as the new science goes to the newsnation, the voice that speeks to the multitude will not be the voice of England or even the real voice of any Englishman; it will only tell the majority what the minority have already found to be false; and shout at the back-row of an audience of which the front-row is taken.

Dancing Round the World.

The "Light Fantastic" in Other Lands.

NOWADAYS, everythe likes descring, and ell lovers of Terperchore will be interested in the special programme to be given at Cardiff on Saturday, March 7th, Under the title "Dancing Round the World," it will comprise national dances of various countries, and will give a very good idea of their characteristics.

Although modern ballroom dancing has produced some world and ourious forms, the national dances of most nations have been perserved more or less in their original state and are still performed by the peasantry all over the WORK

The laws of the dance has existed from the remotest ages. It is natural for human beings of all races to fump when delighted or excited, and this primitive instinct led to the expression of the emotions by systematic incans. This in time led to the invention of dances mitable to almost every operation—such as weddings, wars, religious ceremonies, and even funerals. Among the ancient Greeks and Romans dancing was used as a means of physical culture.

Probably oo sountry has so many graceful national dances as Spain. Many of them owe much to Moorish influence; but they differ considerably in the various provinces

They Had to Join In.

One of the most popular is the Fandange. Well done, it is very pretty, and is accompanied by castazots and vigorous snapping of flugera Suddenly there is a cessation of the music and the darrees stop dead in whatever positions they may happen to be at the time. When the music restarts, they bound again into full activity. A writer of the seventeenth century tells a

curious story about the Fandango. It reached the ears of high scelesiastics that this dance was not altogether "proper," and a conclave of prelates assembled to discuss the matter. They were for condemning it on the spot, but one of them, more broad-minded than his colleagues, eard that it was unfair to judge without having seen. Thereupon, a man and a woman were summoved and were asked to dance before the assembled dignitaries, and their graceful move-ments so delighted the prelates that the latter began to beat time with their hands. As the



Italian Possents dancing the Tarantella.

dance proceeded, the ecclesiastics could contain themselves no longer and, one by one, they get up from their seats and joined the artists in the dance! After that, the Fandango was allowed to continue unchecked in Spain.

Other well-known Spanish dances are the Cibadina, the Alemana, the Zapazeado, alle Zarongo, the Jota, the Tuscano, the Belero, and the Seguidillas. The latter are not only national dances, but popular stances with which the dances are accompanied. They are men-tioned by Cervantes in " Don Quirote."

The Boleco is more graceful than the Faudango, and usually consists of five distinct parts. The Zorongo it a very quick dance, and the Tuscams has also been popular in the South of France since the Middle Ages.

To Give Their Husbands Courage.

Like the Spaniards, the Bussians are great dancers. Their method of dancing in a scatted position is well known, and requires a great deal of deaterity to accompaint.

In the East and among savage tribes national dances occupy a very important place. The women Negroes of the Gold Coast dance a wardance while their husbands are away fighting in order to give them courage; and the Dervishesperform their famous whirling famou in order to become mediumistle and to obtain superhuman knowledge. Sweden possesses some very pretty national denotes, and, indeed, the Sweden are great lovers of dancing of all kinds. Lake the Greeks and Romans of old, they use the dance as a means of promoting health, and the well-known Swedish Drill contains

many movements that may legitimately be colled dancing. France, Norway, Dermark, Italy—all have their national dances. Especially popular in the latter country is the Tarantella, which is gover-only accompanied by the guitar or tanbouring.

Ruppour has it that this dence owes its name to tarastism, a kind of St. Vitus's Dance, It was found that music was especially beneficial to sufferers from this complaint, and a special dance was composed to soothe them. It is possible, howowes its name to Taranto, the town where it was especially incomed.



A Spanish Dance in the Open Air.

Official News and Views. Gossip about Broadcasting.

THE new Wireless Bill has attracted a good deal of crimenen. The B.B.C. had no interest in an effort designed to regularize the conditions which make it possible to provide P.31.6, has pointed out that the powers of search are not an isometation. The objection of the new Bill which embodies these powers. slower purely a consolidation of the existing provision, and merely re-marks with minor modments Section 1, Sub-Section 4, of the Wireless Telegraph Act, 1904." It is pointed est, also, that the praces of search bave coited for twenty years, exist to day, and custome to cast whether the new Bill becomes haven not."

Amendments Possible.

or this sort should be subjected to the closest section, and Parlament may be disposed to modify the provisions of the Bill in Committee. who lovelly pay for the broadcast service will hope that, however the Bill may be changed during its passage through Parliament, it will hast, in its final form have the effect of portrony a stop to intentional evasion. There is nother point which listouers will appreciate. That is that if the B.B.C. is to develop its plane and to continue to improve its service, prove noney must be furthcoming. The present not appear excessive. It can be hept at this ligure if all l'ateners take out licences. Elemenby considerations of honor should be as potent legislative quaetments. Anyway, public op mon has the last word.

A Musical Secret.

Admirers of the Savoy Bands will be interested to hear that the Savoy Orpheaus, the Savoy tavana Band, and the Beston Orchestra are to

give a third concert at the Queen's Hall, on Tuesday, Murch 10th. The fact that the Queen's Hall has already been filled twice by the attraction of the copated music seems a sufficient reply to all those who said that syncopated must could have no place on the crious concert platform. The pro-greence for the third consect will be almost entirely new, and it will also contain a impries. This is a new sympliany specially written by a serious musurian, well known in Landon and the son of a musician who was world famous. The came for the moment is being withheld, but it will be revealed after the

Musical Comedy Programme.

A musical comedy programme at London on Saturday, March 14th, will include songs by Mass Grace Oordon and Mr. Frank Cochrane the original singer of "The Cobblet's Song (An Chin Chow), and systeopated songs by Mr. Cvril Ramon Newton and Mr. Italy Mayorl. Mr. Newton is already familiar to beterem, who hear him singing the choruses of many of the numbers breadcast from the

At 5.30 (s.m. a New Feature by Old Friends" will be broadenst. Listeners are asked to suggest a title after heating it and the sender of the best telle received not later than first pod on Tuesday, March 17th, will be invited to affect the next feature performance in the Lendon steelio.

" Tunnbacter " at Cardiff.

Following the success of the production of Lob agrin at the Cardiff Station recently, it has been arranged to give a performance of Tann. he as there on Wednesday, March 11th. The Farrington, Mr. William Heseltine, and Mass May Rlyth, The "SWA" Choir will be specially assume ted for the performance, as will also be the Station Symphony Orchestra, conducted by Mr. Warnick Braithwaite.

" Trilby " to be Broadcast,

The programme of Plymouth on March 13th will introduce the "SPV" Reportery Company in Trilly, in which the leading parts of Tolly and Svengali will be played by Miss Gwen Verschoyle and Mr. Charles Freeman. These two erists have played these parts for years

on the professional stage. They will also per-form an except from The School for Soundal.

More Gladya Ball, contraine, and Mr. Frederick
Allea, paritone, and Miss Dorothy Blandon,
cologians forte, will contribute to the programme.

A Young Palke' Night.

Since the opening of the Nottingham Station a considerable amount of local talent has been discovered. Particular interest attackes to the Young Folks' Night which is planned to be broadcast from this station on Friday, March 13th, as the ages of the artists range from elaven to eighteen years.

The Next International Symphony Concest.

The fourth of the International Symphony Concerts will be relayed from the Royal Opera House, Covent Garden, on Thursday, March 12th. The first performance is Fedland of Edgar Stillman Kelloy's musical miraels play, The Pilgrim's Progress, will be given, This programme will be S.R.



Operatic Artist: "Yas, laddie, take it from me; this broadcasting of opera will never affect bex-office receipts. Merely bearing using dogse's entiry the public. They like to see the artists, laddie—like to see us in the first!"

For West Country Listeners.

The Coluton Hall concert by the Bristol Symphony Orchestra is to be broadcast from the Cardiff Station on Wednesday, March 1th. The Bristol Symphony Orchestry is forward of the best local talent for this concert it will be conducted by Mr. Engene Goomens. Since its inception, the orelestrs has adopted the policy of organing the forst possible constraint amongst whom in recent years have been Mr. Albert Costes and Sir Landon Resald.

Ballads Old and New-

An S.B. programme of "Ballads Old and Tuesday, March 10th, contains or bestral selections of comes by favourite composer with Test, Wiffrid Sanderson, and W. H. Squire, and two special selections, one of old-time ballads and another of old music-hall songs, both arranged by Mr Robert Chignell. Part songs by the Salisbury Singers, a lavour to wireless make voice quartet, will be included in this programme, and songs by Miss Kate Winter (songram). Miss Nellie Walker (contralto), and Mr. Leonard Saltsbury (bass), who is the founder of the Salisbury Singers,

Do You Keep Bass ?

Mr. H. Boyd Martin, Chairman of the East of Scotland Bee-Keepers' Association, will give a series of five talks during March from Keeping as a Hobby and for Profit "; "Occupants of a Hive and their Functions"; "Bee Swarming and How it May ! Retarded Working for Honey and Projection to Water Posters." The first talk will be given on March 2nd, at 0.40 p.m.

Tolks on Human Nature.

Mr. Neil Weight M.A., will deliver, at the Nottingham Station on Wednesday, March 13th, the first of a series of Talks on Human Nature,

This will be followed by a telephone-wireless discussion. Two further talks and discussions by Mr. Neil Wright have been arranged for this month, and the series will deal with "Human Nature." "Loves and Hates." and What is Character I."

Complete Church Service by Radio.

A complete evening church service will be relayed from St. Cothbert's Parish Church, Edinburgh, on Sanday. March Sth. from 6.30 to 8.0 p.m. preacher will be the Rev. Wilfrid L. Bannam, B.D., of the Wesleyan Methodist Church. From 6.15 to 6.30 p.m. the bells of St. Curbbert's all be broadcast.

" A Night in Holland."

Glisgow Station, continuing its ories of programmes of different countries, has arminged a "Night in Holland" for Monday, March 9th. The music will be from the works of Dutch composers, and Mr. Halbert Tatlock, with his dramatic company, will present a play called Frans Hole. It has been appealably written for broadcasting by the author.

A Song Cycle Dramatized.

A the Cartiff Station on Friday Murch 13th, "The Fair Maid of the Mill," the Ismous song cycle by Schubert, will be performed by Mr. John Collegen and Mission lansen, with anterladea by the Station Orchestra.

HEAR NEXT WEEK. PEOPLE YOU



"Popularity and Festerity" from Leaden on March 4th. This take well to 5.5. to git Stations.

An Interesting Discovery.

THE march for actors who can impart sufficient personality and characterisation to their voices to render them effective in Radio drama has been long, but has produced some interesting discoveries. Among these must be mentioned Raymond Trafford, who will take the part of Eliylock in the programme of popular excerpts from

Shaker peans, at Chelms lord on March 3rd. This gramme will give listoners an opportunity of



Moving Need of the au Hangaryon, Mr. HAYMOND TRAFFORD as "Shyloch."





Mr. JOSEPH FARRINGTON, best, will sing from Landon on March 4th.



Miss MAVIS BERNETY, coscure, well sing at Sourcemouth on March (st. and at Lundon on March 6th.

Dispute their & Hales Manaraguit. GE GROOT and his vielle.

knows. For radio pur-poses, how-ever, he has decided to veil his identity under the above de theâtre. He is one of the low who have sucoreded to select ing and amphasizing those details of stage-craft which con he effectively transmitted to a wireless and succ.

Orchestra Leader at Seventeen.

So interested was the great duadim with the playing of the boy De Groot that he sent him with a letter of in-



played at the Piccadilly Hotel.

size. He and his orchestra will be broadcast from the Ploondilly Hotel on Sunday, March let.

"Faust" by Radio.

THE Carl Rese Opers Company would probably agree that during the years Miss Beatrice Miranda was with them they bad no mero popular or conscientions srtist. She was aso pranoof the British National Opera Company until last summer, and is new a favourite broadensting singer. She will take the part of Margarita in the perform-

anceof Gounad's Front to be relayed from the Birmingon March 7th.







Officers of Period District Manufactures. We JOHN GIELSUD as "Romeo." He will perform this part at Chelmaford on March 3rd.

Pieces in the Programmes.

A Weekly Feature Conducted by Percy A. Scholes. STRAUSS' PIANO QUARTET.

(LONDON, RIGHISOTON, BOURSEMOUTH, COLUMN, ASSO ALL RELAY STATIONS, EXCEPT DUNDER, THURSDAY.)

MOST concert-goods have got beyond the in any case, this Quartet is not going to puzzle myone who have it on Thursday provided they litter attestively, for it is one of its core e early works and is now over forty years old. In this way it is not typical Strongs. It a Straige trying his wings, and not searing far above the familiar "classical" styles of Boothoven and Brahma especially Brahms.

Here is a quotation from an English criticism of 1904 that of Arthur Johnstone, then the music critic of the Maschester Guardian, Strama, he says, "here shows himself a better Realmorizo than Bealms, avoiding all his

nodel's word faults."

There are four separate pieces making up the whole or as we say, four Mossments." The four instruments used are, of course, Piano, Viclin, Viola and Cello.

Quick. The Fuert Movement is cost in the exthesion Part Movement form, in which Expension, developed in a Development Section and repeated in a "Recapitalities." Strause was even so orthodox as to indicate the old-fashianed repetition of the Exposition before proceeding to the development-a practice which is novadays considered unnecessary in ment roses. Hence some players of this piece The FIRST MAIN TUNE is amounted

offly by Strings in octaves. It is a brief plane. There is a pause at its end, then it is endly repeated by the 'Cello and the sea of the Franc, while Violin and Viola put above it are florid melody. After two loud cheeds, over a repeated bass is heard a little wave-like phrase in Piane and Lower Strangs: this may la noted, as it is next in importance to the

two Main Tunes.

Some considerable time is taken over the discussion of these and other transcripts of to come, but when it does come, it is impossible to miss it. It is a lay, broad, highly impassioned, long winded melody, neclaimed by ALL STRINGS

while the plantet success up and flown the keys, The Development it bowed duly by the Recapitulation) begins a soon as this so over. II. SCHERZO.

This title has become a technical term, and earthy lost its original meaning-a " Jest,

The form of this one is orthodox. There are three main divisions, the Third Port being a repetition of the Pirst. This First Part is constituted as follows :--

(a) The First Section, which here contains an chief features a little octave skip, a fragment of flowing tone, and another fragment of melody composed of little upward steps. The

metion is repeated. (h) A Second Section, much longer than (4), in which these fragments are tessed from one enstrument to another, and finally repeated outch as before,

The Second Part in Much Slower, and is the second Part is duck Sone, and is intirely made out of a short, smooth phrase. One note persists in the Ross throughout. The little Part, in its reposition, proceeds as a love until, towards the end, the Tune of the

Second Part joins in.

III.

Moving steadily. This Movement is similar in Jones to the First Movement, but much more

brical. It is built up on two song-like Tunes, each of which is stated by the Piano. The second one is preceded by a little figure of rapid descent reiterated by the Strings in turn.

Livriy. The material of the Last Movement is very complex, and an attempt to follow it in detail, without a copy of the music, would probably reside in sussing its spirit.

It is in "Rondo" form, that is, the material med at the beginning always returns before a

fresh start is made.

Nove —A Miniature Score of this work is published in the Universal Edition (Curren, 24, Bernous Street, W.1, 3s.).

Most Popular Song.

Which Is It ?

W Cooper, entitled Which is the Most Popular Screet 2 and asked listeners to send us Home Sweet Home. Annie Laure, and Audi Laur, Syne, with a preference for the latter, and many of the numerous letter we have received agree with this verder.

A number of correspondents, however, favour

lesser known songs.

"I think you would have to no a good long " to find a song that can rival " Oft in the Stilly Night for its beautiful melody and pathos.

Mr. William Wilson (S. Chingford), gives equal place is two songs. If the terms best being ed, oftenest heard, most widely known are taken as being indicative of popularity, he says, "it will be difficult to displace "Sally in Our Albey, and The Bettish Grenssber. Both are music, poetle and English. By reason of their possic and poesty, they are also classical."

In Favour of Sullivan.

Mr. P. Gregory (Derbyshire) thinks that we may be uperpuble to different tongs according to the frame of mind in which they find in lat a song that will stir our emotions, irrespective of the mood, is the most popular," and for this reason he puts. Home, Sweet Home - above all cahera.

Among other songs which readers have chosen as being the most popular are "And Robin Uray, Come to the Fair Tosti's "Parted," Annie Leurie, Come Into the Garden, Mand, and Just a Song at Twilight, but more forcered than all these is Sullivan's "The

I have the experience of playing to theatres full of people," with Mr. Thomas Sharples, with a remainable response to other rocal items, but with The Last Clurch, the applause has superseded all others by two hundred per

To sum up, one post hag shows the most popular songs among our readers to be Auld Lang Syne, "Home, Sweet Home," and "The Lost Chord."

STANIONO'S Stabas Mater and Vaughan Williams "Mystical Songs will be the chief items of the programme to be relayed by the Leeds—Bradford Station, from the St. George's Hall, Bradford, on Friday, March 13th. This concert will be given by the Bradford Festival Choral Society, and the principal arthus will include Mc. Raymond Hartley and Mr. Harold Williams.

Listeners' Letters.

All arous to the filter to be admissed and to the the A continued to t

" The Religion That Is Breadcast."

DEIR SIE.-Will you allow me, as a protin the Church of England; and a schoolmaster, texpects my cordial approbation of the policy set forth in the official amountement in The Radio Pines? I am constantly voicing, in public and in semi-public, my appreciation of the work of the B.B.C., but I cannot thank you bell

Here and there, no doubt, a sharehoos is led, by mertia, to substitute a broadcast service for attendance at Divine worship; but a hundred times as great is the number of listeners who are induced by browneast "religious addresses" to give powonted attention to the things that matter the most; while the R.R.C is helping common with their fellow worshippers of other denominations. The B. B.C. is teaching members of the various churches to understand one another better, and one another's ideals, and is thereby doing something to dispel ignorance and prejudice, and to inculente charity.

It cannot reasonably be expected that the B.R.C. should broadcast any "adequate" system of theology, That is part of the work of the Churches. But breadcasting is certainly strengthening the foundations of which theology, as well as reheion, is built,

Hford,

Yours, etc., A. W. LEYLAND.

Wisslow For the Blind.

DEAR SIN, - With reference to the interest and article in The Radio Tenes on Wireless for the Blad," by Captain Ian Fraser, I heartily agree with all that he says of the inestimable boon of wireless to the Bland, and letters from our resders in all parts of the country testify to the added interest that the B.R.C. has given to their

But Captain Fraser's remark that it is executional for a man who has lest his sight in adult life to become a proficient finger reader, is apto be misleading, and in this connection it may be of interest to state that in the twelve months ending December 31st, 1924, the National Library for the Bind has usued 6, 33 of these in Braille type to ex-Service men.

Yours, etc., O. I. Point (Secretary and Labrarian, National Labrary for the Blind.) Westminster, S.W.I.

" Lecturing the Uncles."

DEAR SHE.—Referring to Mr. Littlewood's article, 'Lecturing the Uncles," in The Radio Times, it is not altogether surprising that his children do not thoroughly appreciate the Children's Hour, as he binself seems to have understand what we girls and boys like better than a father who appears to have forgotten his own feelings at that age.

It seems rather rimeulous of him to attempt criticism of the Annia and Uncles of "11.0), whom one would think were born specially to make children happy, so perfectly do they understand what we will mjoy. They have not forgotten their own childhood.

There are not too many fairy stories, and to say that they are told in " a patronizing tone is untrue, the most lovable characteristic of the Aunta and Uncles being their total fack of such a tone.

Yours, etc.,

A NUXB OF PHYSIS,"

West Norwood.

(Continued on the facing page)

Listeners' Letters.

(Continued from the premous page)

Too Much Modern Music?

THAR Sin,-The excellent programmes of the B.B.C. are occasionally marred by the productions of our Moderns in music and verse

Some time ago a symphony by one of these Moderns was breadnast, and 25 drums (or, perhaps, 50 draus) were introduced.

This was shortly afterwards followed by a "Symphonic Poers," chiefly devoted to the Tripage, I did not hear it all, as a limerick was forming itself in my mind—something like this

For sensation our Mudern will angle, And invent scores for Drum or Trangle, Why not write a Secret.

Man. Furne, or Control.

For 1 oth-comb, Frot saw, and a Mangle ?

Then there is the modern poet who not only writes poems, but is allowed to recite them. I have heard had poems well recited, and good poems hadly recited; but when one gets the combination of a modern poet reciting his own poems, I think it is time to draw the line.

All bosone to the work the B.H.C. is done is educating the public in music, literature, seenes, rengion, and art. It is a magnificent task that they have set themselves, and in the male it is most ably carried out, But please. ub, please, let them spare us Modern Music and Poetry that is intended to be taken seriously, unless they have first decided that it has some merli.

Totley Rise, Nr. Sheffield, H. J. B. It is realized that to certain listeners medern music is anotheris. On the other hand, howover, there are many who not only copy this type of matter, but who like to hear it, whether they themselves are appreciative or not. As regards modern poetry, it is the policy of the B.R.C. to keep their listenam in touch with all biterary, artistic, and intellectual movements which may be of interest to the general public.)

Curious Interference.

DEAR Sin,—Some of your readers often com-plain of interference with listnoing. I wonder if anyone has the same complaint that we have

There is in this road a man who has an electrical apparatus for treatment of rheumatism, and when he is using the same, it makes such a rattling noise on the headphones that we are bound to put them down, as it drowns all that is being spoken or played at "2f.O," Everyone within a radius of three bundred yards gets in Yours, etc.,

" STRATFORD." (In certain cases, electrical apparatus used for medical purposes can seriously interfere with broadcasting, as in the case cited by this correspondent. It is probable that a great deal of the trouble can be minimized by enclosing the stray wires used in connection with the apparatus in tuctallic cases. Islanly, the whole instrument should be encased in a metal covering, when all interference should be eliminated.]

Hig Ben Heard In Egypt.

DEAR SIE, Since October last year, I have been able to pick up Chelmaford on my experimental set containing four valves H.F. and two

I am living at Minie, 180 miles south of Cairo, with a desert on either side, save for a narrow strip of cultivation. This means that there is about 390 miles of desert, so the grow thes, between Minis and the Mediterrancon. Naturally, therefore, there is a great deal of at mespheric disturbance during the hot weather.

receive Chelmsford now almost daily, miking up the time signals from Big Ben, and most of the musical items, though speech is sometimes indistinct owing to atmospherics. Yours, elc.,

Minia, Upper Egypt. R. W. C.

Pray Silence, Please!"

Memories of a Well-Known Toastmaster.

If there is one man who, above most others, is decompetent to express an opinion on present day oratory and public speaking, that man, I suggest, in Mr. William Knightsmith, the best-known toastmaster and master of ceremonics. whose resonant, finely modulated voice is often heard by listeners on the occasion of great banquets and similar functions.

There can be vary few listeners who by now have not heard Mr. Knightsmith announcing the familiar formula of "Your excellencies, my lords, larges, and gentlemen," and who have tailed to notice the expectant hush that follows.

Children as Oralors.

"In my thirty years' experience," said Mr. Knightsmith, when I called on him a few days "I have listened to some thousands of speeches, made by the King and members of the Royal Family, Prime Ministers, ambassodors, distinguished foreign visitors, down to erdinary homan beings like myself—yes, and children. I have officiated at many children's functions, and I am not quite sure that, on the whole, I do not enjoy them better than these for grown-ups. My responsibilities are not quite so ongrous, you are !

But, you ask me. It I think that broad-casting will help to improve public speaking? My answer is that I certainly think it will; in fact, I have already acticed an improvement in some instances. Of course, the change for the better is as yet only very slight, and, possibly, it is not noticeable, except to anyone who, like me, knows the methods and mannerams of the speakers I have in mind; but, still, it does exist, Speakers, I have observed, tend to take rather more trouble than some of them satally do in preparing speeches that are to be broadcast, while others pay more attention to their delivery, as if they desire it to be more than ordinarily

In Unexpected Places.

"The standard of public speaking to-day, I think, is higher than it was when I began my professional career. In those days there were, perhaps, more outstanding erators in public life; but nowadays you may luar good speeches made by mon-yes, and women-from whom one would hardly expect them. Broadcasting, I feel sure, will assist in mising this standard, although on the part of some speakers I have noticed a corious healtancy when they discover that their voices are going to be heard by millions instead of by two or three hundred people. But this quite natural reticence will, no doubt, wear off in time, and I think that we may look forward to a day when, through the medium of the microphone, everyone will have a chance of hearing for himself what good oratory really means."

A Trick that Pailod.

I asked Mr. Knightsmith whether he thinks that speeches are likely to grow in length as a result of broadcasting. His reply was shall I

say ?—reassuring.

I am beginning to think that the day of the long speech is over, he said. "Speakers are mastering the art of being concise. Not so often newadays does it become necessary for me to intimate to a speaker, as tactfully as I can, that time is up. It is not always easy, of course, to do that, and occasionally I have to make conspicuous play with my watch before a speaker realizes that he is exceeding his allotted span,

By the way, I remember that once this little trick of mine led to a speaker prolonging law speech, instead of cutting it short. The gentleman in question had overshot the mark by nearly five minutes, and I, therefore, took out my watch and held it so that, when turning in my direction.



"You have given me the best laugh I have bad for months, togetmester!"

he could not fail to see it. Unfortunately, the moment be set eyes on the watch, it remanded him of a story about a watchmaker—and off be went again? These who noticed the incident found it hard to conceal their mirth, and one noble lord facetiously suggested after the dinner that next time I had better equip myself with on alagum elock!

Celebration with Mannerisms.

"And talking of speakors," Mr. Knightemith continued, "I am reminded of some of our best known speakers' quaint little mannersons which siways fascinate me. Mr. Lloyd George, for instance, invariably finishes a speech by rethen cormoring under his breath: 'There-American Ambassador, Mr. Harvey, is hardly happy when speaking unless he can refresh his lips every minute or so with mineral water. Mr. Hughes, the Australian ex-Brime Minister, will not begin a speech unless he has pushed plate. knule, forks, apoons, and glassos, and whatever else may be immediately before him on the table, well out of his reach."

Why Lluyd George Laughed.

Apropos of Mr. Lloyd George, Mr. Knight south tells a good story. He was officiating at a dinner given to General Boths at the Rotel Cecil Now, the Coneral liked to make his speeches in Dutch, and to have them interpreted by an interpreter. It was at the time of the women's suffrage campaign, and feeling was rife on the subject all over the country.

During this particular dinner, a man sympa thizer get up and began to address the company. but Mr. Knightsmith monaged to eject him un curemoniously before he had got very far. As soon as General Roths got up to speak, another mun sprang to his feet and began to talk. Mr. Knightanith was behind him in a moment and, placing his hands on his shoulders, endeavoured to keep him quiet. There was a moment's pause, and then a territic peak of laughter from the guesta. The man so abruptly slicered was the official interpreter?

Mr. Lloyd George, who was in the chair, turned to Mr. Knightsmith and said: "You have given me the best lough I have had for months, toustmaster?" R.P.

WIRELESS PROGRAMME—SUNDAY (March 1st.)

The Biggs signify a signify.	"3.B." printed in Railes in the pro- bimultaneous Brea cast from the state	grammet op men
21.0	CONDON:	165 M.

3.0-5,0. 8	David's	Day	Programme.
			Stations.

THE LONDON WELSH MALE CHOIR Conductor HORATIO DAVIES, CWLADYS NAISH (Suprano), MADOC DAVIES (Barrence). R. PURCELL JONES (Solo Violoneelle).

"Rhyfelgyrch Gwyr Harlech" (March

"I Love the Joeund Dance H. Wallard-Davies

The Chor.

"O nor ber yn y man" (In the Sweet Byr and Bre") D. Prothered O Peaceful Night E. Green (II)
"Natures" D. Prothered Gwladys Noish
"H I Had But Two Lattle Wings"
"To Duffoddis" Ores
"The Nightinguie" Ores

The Chee

The Cheer

Toyraged Carnel * (* Lovely Maiden *)

D. Paghe Econe

Lawn Among the Dead Men * (AldEnglish Air) arr. R. Fanghan Williams (15)

Y. Delyn Am * (* The Golden Rasp *)

arr. D. Paghe Econe

The Long Day Classes * (Unser-ompanied)

Sufficers (11)

5.0 5.30 .- CHILDREN'S CORNER. to all Stations.

> 8.15-9.0. Conducted by the ARCH DRUID.

Re aved from the Welsh Tabernacks, King's Cross, London. S.B. to other Statum

DE GROOT THE PICCADILLY ORCHESTRA. WYNNE AJELLO (Sapruco).

Releved from
The Piccodilly Hotel, Leader
S.B. to other Stations,
The Order 2.

Schedian, "Carmen"

ASSESSED BERT BERT

Write Ajello,
Merre Palate Astelle" ("Thomes, Bear
Componions" ("The Socilian Vespers")
Feed The Challester.

Charming Bod" Bend d. The Oychestra.

Chonitima' [by request] .. 10.0. TIME SIGNAL FROM CHEENWICH. WEATHER FORECAST and GENERAL NEWS BULLETIN S.B.

Local News.

The Orchester.

Hymre a Samte Coule 20.30. Close down.

BIRMINGHAM. 475 M.

3.0-5.0 Mainly Light Classics. THE STATION ORCHESTRA
EMILY BROUGHTON (Seprano),
ALICE VAUGHAN (Controlto),
ALICE (OUCHMAN (Solo Pigneforte).

Overture, The Impresente -Mozard Evening Gaunad (1)

5.0 5 30. CHILDREN'S CORNER. & B. from Landon.

8.15 0.0. WELSH SERVICE & B. from London.

DO. DE GROOT AND THE PICCADILLY ORCHESTRA. S.B. from London.

10.0. WEATHER FORECAST and NEWS, S.H. from Londs Local News.

10.15 .- De Groot and the Precedity Orchestra (Continued) 10.30 - Close down.

6BM BOURNEMOUTH, 385 M.

3.6-5.0 - ST. DAVID'S DAY PROGRAMME R.B. from Landon.

10-5 to _ CHILDREN'S CORNER. S.B. from Lundon. 9.13-2.0.-WELSH SERVICE. S.B. from

THE J. H. SQUIRE CELESTE OCTET.

DAVID OPENSHAW (Bass), MAVIS RENNETT (Seprence), DAVID DAVIES' WELSH MALE VOICE PARTY

D. 17.	Octot.
	Overtime, Introduction and Roads Capric-
	riono Mesafolasol a
	"A Song of Sleep" Sustruct
	"Absent " Metsiffe (1)
	"Solute de Bullet " De Beriet
9.20	David Opensing,
	"Thanks Be Tu God" Dickson (3)
	" Spenk, Earth, Spenk" Tourses

Occur Selection of Arthur Sulliman's Songs." we Hentey (1)

0.40 Men What ty Nhadan Mide Voice Party.

Gerat. Violin ("On Wings of Song Mendelember Soles ("Les Houdes des Latins Der et (Soless, MAYER (20RDANA)

10.0. WEATHER FORECAST and NEWS, S.B. from London, Lored News,

10.15. Noctures "... Northern March of the Dwarfs

Mayis Bennett " Solvenz's Sono

Martyrs of the Asson " ... De Rille (2)

The Roben Lyre " Date (25)

Com Bloodide " ... Hopke

David Open has Nearer, My God, To The. The Waylerer's Night Stars Easthorn Marria (5)

11.0. Close down.

5WA CARDIFF. 351 M.

ST DAVID'S DAY PROGRAMME. S.H. from London 30-50

5.0-5.30.—CHILDREN'S CORNER. N.B. from Loudon.

\$ 15-9.0.—WELSH SERVICE, & B. from Landen

9.0. DE GROOT and THE PICCADILLY ORCHESTRA. S.B. from London.

DOR - WEATHER FORECAST and NEWS. S.B. from London Lawal Nou ..

10.15.—De Groot and the Peccelilly Urchestra (Continued)

10.30. The Stient Fellowshop.

10.45. Close down.

MANCHESTER. 375 M.

A Weish Programme. LENA GRIFFITHS (Contradict) H. MOSTYN PUCK (Tenor). THE " 2ZY " AUGMENTED ORCHESTRAC

Conductor, T. R. MORRISON, Orchostea.

Dverture. The Harpers of Wales" Carl Volti Selection Cambrin 16 Donn Lancow

ill number against a manical item indicates the name of its publisher. A boy list of publishers will be found un page 447.

WIRELESS PROGRAMME--SUNDAY (Mar. 1st.)

The latters "6.2." printed in ciales in these programmes signify a Biguillaneau Broadcast from the sisting mon-H. Mostyn Pugh. Yr Hon Gentler D 1 Kon Gwhid y De yn John Heny Carner B 7 Kon Orchestro.

Welsh Rhapsody ".... Y Buthyn Bach To Gwelli Tomphen Waterman

" D fydd Y Carron Wen Orrhendra
Farrasie un Weber Ama (The Leek)

Myaldiche Cyttris Clares" Time Jense

H. Mostyn Puck. The Ash Grave "The Daupled Cheek " Tradition !

Orchestra. Brythacie Overluce" Hapkin Eron "Reminiscences of Wales" an P Budfrey

" My Little Welsh Hom "Muors of the Valley" Burid Even

Orchestra God Bless the Prince of Water Welsh National Anthora.

5.0-5.20. CHILDREN'S CORNER. S.H. from

8.0 -S. C. HONEY: Talk to Young People 8.25. - Eiglish Hymnal, No. 211, St. David

Imy Hymn. Religious Address by The Roy, R. T. ROHERTS, of Wouste Welsh Presty.

teries Charola English Hymnal, No. 108, "Who is Tree with Garment's Cory ?"

English Hymnal, No. 87, " Sevious, Whom

in Dust to Thee. ORCHESTRA. S.H. from Landon.

10.0.—WEATHER FORECAST and NEWS.
S.H. from Landon, Local News.

19,15.- De Groos and The Piccodelly Orthoster (Continued).

10.30.-Close down

NEWCASTLE.

10-5.0. ST. DAVID'S DAY PROGRAMMU S.B. from London.

5 6 5.20. - CHILDREN'S CORNER. Irom Binidor.

h 15-0.0. - WELSH BERVICE. S.B. from Lundun

PILILILARMONIC CONCERT. Rulayed from The Palace Theolie. 9 50 10.50 — Programme S.B. from London.

ABERDEEN.

10-5.0. - ST. DAVID'S DAY PROGRAMME. S B. from Landan

5 5 5 5 5 CHILDREN'S CORNER from Landon.

Bt. Futick's Parish Church Cherry Chormoster—E. G. TAYLOR. Psalm 124, Tone "Old 124-5.

Hymn No. 203, The Rev. JOHN GOHDON, MA St. Futuelt's Parish Church Beligious Addone

Anthem, "The Lord is My Shepherd "

(Soloint-EVELYN WALKEIL) Para, 60, Turke "Lyrk

0.0. WILLAN SWAINSON'S SERVICE" CHOIR Conductor WILLAN SWAINSON

Motot, "Jesu Process Tremare" Rock (11) Choral Jesu Procless Tremare. The There is Now no Guademaning. Coord, "In Those Arm I Resi Me." True, "Thus, Then, the Law of the

Death, I Do Not Fear Thee. Ye Are Not of the Flesh But of the

Choral, "Hence with Earthly Treasure."
"Fare Thre Well."

He That Ra sed Chest Up From the Dead."

Henre All Fours and Some THE WHELESS THIO.

Selected Hyoms. 9.35. Chart Two Pasims Trio. 9.45.

Selected Hymns.

10.0 WEATHER FORECAST and NEWS.

8 B. Iron London Excel News.

10.15 DE GROOT and THE PICCADILLY ORCHESTRA. 8 B. from L.

10.30. - Close down.

SSC GLAGOW. IMM.
2005.0. ST. DAVID'S DAY PROGRAMME.
S.B. from London.
4 0.530. CRILDREN'S CORNER. S.H.
from London.

0.30-7.40. Returnes Service, remyed from the

Barony Parish Church

9.0 DE GROOT and THE PICCADELLY
ORCHESTRA. S.B. from London.

10.0 WEATHER FORECAST and NEWS.

8.B. from London. Local News.

10.15. De Groot and The Piccabity Orchestra.

(Continue): 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 puge 447.

High-Power Programme,

(Continued from column 2.)
9.30.—WEATHER FORECAST and NEWS.

8.B. from Lendon. Sir OLIVER LODGE. 8.B. from Lendon. 16.0-11.0.—THE CAVOY BANDS. 8.B. from

WEDNESDAY, March 4th. 5.20-5.15.—CHILDREN'S CORNER.

from Landon 0.40-10.30,-Programma S.B. from London.

THURSDAY, March 5th. 6.40-6.15.—CHILDREN'S CORNER S.B.
from Landon.
6.40-7.30.—Programme S.B. from London.
7.30-8.50.—Entertainment by
PRILIP RITTE'S CONCEST PARTY:
DORIS COWAN.
ETBEL WILFORD.
TINA FOSTER.
PHILIP RITTE.
GEOFFREY DUPRES.
WILL EDWARDS.
8.50-9.50.—Programme S.B. from Manchister.
8.50 (approx.).—WEATHER FORD ANT and NEWS. Relayed from London.
16.0-11.0.—THE SAVOY BANDS. S.B. from Landon.

FRIDAY, March 6th. 5.30-6.15.—CHILDREN'S CORNER. from London. 6.40-10-30. Programme S.B. from Landon.

SATURDAY, March 7th. 5.30-6.15.—CHILDREN'S CORNER. from London. 6.40-1.30.— Programme S.B. from London. 7.30-8.30.—BALLAD CONCERT, S.B. from

Glasgow, 9.80-10.0.—Programme S.H. febra London, 10.6-12.0.—THE SAVOY BANDS, S.H. feom

High-Power Station Programme.

SUNDAY, March 1st.

3.0 5.0 Programme S.B. from London 5.0-5.30 - CHILDREN'S CORNER & D. from

8.30.— Hymn, A. and M., No. 201.

H.M.—Hyun, A. and M., No. 2011

Battle Bearing

Andrea, By the Waters of Babylon

Colored Topin (11)

Address Monocia N. F. 1010W.

Aunthory Reshap of Southweek

Hyun, A. and M. No. 52

9.9-10.30. Programme S.H. from Leader.

MONDAY, March 2nd.

36 0.13 CHILDREN'S CORNER. N.B. from London.

6.10.90 Programme S.B. from London.

9.09.20. Specthes by the Rt. Ron. Sir W. JOYNSON, HICKS, Br. Secr. 23. call Mr. PERCY DEST, Charmet at Product Els., religion from the LAB, D. Diener at the Savoy Hale.

9.30.10.30. Programme S.B. from London.

TUESDAY, March 3rd. 6.10-7.30. - Programme S.B. from London.

Popular Excerpts from Shakospears.
Produced by R. E. JEFFREY.
Incidental Music by
THE SNOW STRING QUARTET
(JESSIE SNOW, KENNETH SKEAPING,
ERNEST TOMLINSON, EDWARD J.
ROBLISON)

DALE SMITH (Bartone) The Quartot. Movements from Quartet in A Minor

Schubert Andastr-Minustro.

"ROMEO AND JULIET."

(Dalcoay Scene.)
Act II., Seene I
Romeo JOHN GHELGUP
Juliot DOROTHIE PANTLING
Nuesa IRENE ROOKE
Dalc Smith

"It Was a Lover and His tass"

Morieg, arr. Red (1)

"THE MERCHANT OF VENICE

Suppose RAYMOND TRAFFORM
Bassonio RAYMOND TRAFFORM
Bassonio BENRY OSCAR
Antonio FRANK RANDELL
Act IV. Seeps L
Done GRORGE SKILLAN
Antonio FRANK RANDEL

Antonio FRANK RANDELL Salacino RAROLD GAMBRELL Shylock BAYBOND TRAIFORD Hesenio HENRY OSCAR
Nerissa DOROTHIE PANTLING
Gratiano DOUGLAS ROSS
Portia

Fortia JOY CHATWIN
6.47. The Londonderry Air

Dale Smith.

Three Sindsepearean Songs Quiller (1)
"Come Away, Leath : "O M.
More , "Bluw, Blow, Thou Wester
Wood 0.10L

"KING HENRY V."

(Wooder Scene.) Art V. Scene 2. GEORGE SKILLAN Reary V. Queen Katherine

DOROTHIE PANTLING The Quartet.

Novelletten "In an Ola Fasheund Style"; "Ones.

Continued in the previous echining

WIRELESS PROGRAMME—MONDAY (March 2nd.)

TT IIVELEDD
The letters "S.B." persist in italies in these programmes arguity a Simultaneous Broadcast from the station mentioned.
AND A STATE OF THE
2LO LONDON. 365 M.
3.15-3.45. Transmission to Schools: Mr. GEOFFREY SHAW on Music."
4 0 5.0.—Time Signal from Greenwich. "Vogue and Vanitee. by Carmon of Cockenga.
Music performed during Afternoon Ton
at the Trocodera. "Famous Old Castles -(1) Amboise in Tournine," by Heim
Townsen
6 to 6.15.—CHILDREN'S CORNER; "Ani. mata I Have Met. The Moose, told by Cupt. R. G. Manschold. Music by
Auntie Sonler
6 to 0.35.—Mr. LOUIS J. McQUILLAND "A Glauper of Ireland.
TO TIME SIGNAL FROM BIG BEN
WEATHER FORECAST and 1ST CENERAL NEWS BULLETIN, S.B.
Talk by the Radio Association. S.B. to all
Stational
Prof. J. B. G. DE MONTMORENCY: Mercantile Law. S.H. to all Stations
Local News
Popular Night. I.EA FELISSA (Sopremo).
FRED ARNOLD (Bartone). W. A. PETERKIN (Bass).
OLLY OAKLEY (Solo Banjo).
THE WIRELESS ORCHESTRA
Conducted by DAN GODFREY, June.
7.35. The Ordinstra. March, "The Perconaker" Latter
Overture, "The Moid of Artois " Holfe Lea Fellesa.
"Spring (d. Henschel (1) "The Nightingale Has a Lyre of Gold "
Landon Ronald (5)
Olly Dukley in Hems from his Repertoire
W. A. Peterkin fwith Orchestral.
Vulcan's Song (Philemon and Baucis)
"Thou're Passing Henoe" Sellicon 8.0. (approx.). The Orchestra.
Waltz. The Blue Danube" . Straws
Selection, The Belle of New York "
Internezzo, "Moravian Dance". Joseph
8.30. (approx.). Frod Arnold (with Orchestra).
Honolulu Galdstein Golden West (Valse). Nicholis "Am I to Blame!". Faziali
The Orchestes.
State, "Three Arabian Dances" Rong
Bong of the Open " Fronk la Farge Daffodils in Lundon Town
Montague Phillips
9.0 (approx). Olly Oakley in Further Rems from his Reportoire.
W. A. Peterkin (with Orchestra).
Myself Wlam Young " Lehmann
The Orchenter
Binner
Spring Song " and " The Bees" Wooding
9.10 -TIME SIGNAL FROM GREENWICH.
WEITHER FORECAST and 2ND GENERAL NEWS BULLETIN. S.B.
To sel Stockers.
Mr. CLAUD MULLINS, Barrister of Law, on "London's Government," S.B. to
other Stations, Lored News.
1 0. The Orchestra.
Selection, "Princose" Gerahum Frank Tully
In an Impersonation of the Famous
The Virginian Judge."
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The Experimental Transmission for Amateur Wireless Engineers will be carried out by the Glasgow Station,	
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For particulars see page 456	
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BIRMINGHAM. 475 M.	9 95
0-4-30,-The Station Wind Quintet, Albert	7.25
Tourspend (Hess).	
5.30 WOMEN'S CORNER: Sidney Repres, F.B.H.S., Topical Hortionlural Bints. Florence Cleston (Soprano).	
Here, F.R.H.S., Topical Harmontural	
0-4 30. CHILDREN'S CORNER.	
9-6.48 Teens' Corner : Norman E. L.	100
9-6.48.—Terns' Corner: Norman E. L. Guest, B.A., History Talk, No. 9, "Manu-	7,93.
facture and Connectes WEATHER FORECAST and NEWS.	-
St. D. James Constitution	8.0.
Radio Association Talk. S.B. from Lordon.	St. Ar.
Prof. J. E. G. DE MONTMORENCY. S.B. from London, Local News.	
S. B. from London, Local News.	
Music and Plays.	
THE BARNARDO MUSICAL BOYS. THE STATION COMPANY OF PLAYERS	2
5.—Handbells, "Brie-d-Best " Cook	- 1
Sleigh Bella, "The Green Hills of Tyrel"	100
Bours	8.25
Ministrate Chines Gens of Erro	
Mandahnes, "Jessamine Pelka" Ellis	
Nylonhouse and Puberhouse "The Carrier	N.30.
March Crusaders March 1	1
("Crusaders March")	- 13
Baggages The Highland Wed- Scotch Airs	
Charles H. E. Window Comment Comment	-
Conrings, "If Winter Comes". Tomani Marinhardscoos, "Autumn Leaves	
Delacour	
Handbolls, " Land of Hope and Glory "	
Elpar (1)	5.00
0: "CFDSUK MATE (Audens Halliday).	
A Farmed Connedy in Two Acts.	
Henry (Waiter at the Plantagenet Hotel)	
FRANK V. FENN	0.0.
Miss Charlotte Russe EDNA GODFREY TURNER	
Martha Bunn (Her Meid)	
THEDA POWIS	
Sir Everton Toffee E STUART VINDEN	9.15.
Sara Winkle (His Groom) WILLIAM MACREADY	20. 840.
Bottles . Sar GEORGE ROBERTS	9.30.
Mary Ann (vents) EDNA LESTER	
Act I The coffee room in a Country	_
Act II. The garden at "The Gronge."	10.0.
O. WEATHER FORECAST and NEWS.	-
S.H. from London.	5 3
Topical Talk. Lucal News.	-
0 SALLY SELLS OUT	10.30
(H. E. Hustroth). A Play in One Act.	10000
Sir Andrew Halliday	5WA
WILLIAM MACREADY	3,0-4
Polson (His Servant) FBANK V. FENN	4 15
Sally (A Flower Girl) EDNA GODFREY-TURNER	3 18
Scene Sie Andrew's Chambers, Mildmay	0.40
Squere, London	1-
30.—Chise down	7,0,-
M BOURNEMOUTH. 385 M.	
M BOURNEMOUTH. 385 M. 5-5.0.—Fashion Tall to Women by Lauis de	
Moyo. The ROYAL BATH HOTEL.	
DANCE OBCHESTRA, Reginald Boyan	
(Baritone)	
6.0. CHILDREN'S CORNER.	
ky, by Mr George Guest, B.A., 5 P.	7.35-
key," by Mr George Guest, B.A., J.P.	- 1
Boursementh and Detrict. Talk hy	7 45.
Major J. Cumpton, M. B. E., T.D.	
- WEATHER FORECAST and NEWS S.B. from Landon.	
Radio Association Talle, S.B. from London.	-
PIOT J. E. C. DE MONTMORENCY.	at its
S.B. from London. Local Nowa.	hote.

VIOINDAI (March 2nd.)
Contrad testand Posttand and Males
England, tretand, Scotland and Wales, HUBERT CARTER (Tenor).
NORMA FLEMING (Dialect Tales),
WYNNE AJELLO (Soprano). THE "6BM CHIORUS:
THE WIRELESS ORCHESTRA
Capt. W. A. FLATHERSTONE.
7.25 Orchestra
Fantasia. "The Rese" Middle
Hubert Carter, Wynne Ajello, and Chora- Cono, Lesses and Lads
Tom Bowling Traditional
Bid Me Discourse" Bishop Rede Britannia ?" Traditi
"Rade Britannia I"
The Cattle Thief.
S.O. Orchostro
Fantasia, "The Smanrock" Muddleton
Hubert Carter, Wyone Ajello, and Chorus
Tara's Halla ", The Last Rose of Businer" The Craisboon Lawn
The Cruishoen Lawn
The Craidmen Lawn The Irish Emgrant The Minstre! Boy
NOTTE PROTECT
McGrity." In Service " Whifeed Laws
SCOTLAND
N.30. Orchestra.
Fantasia, "The Thorfle". Mysales a Hubert Carter, Wynne Ajello, and Cherus.
Will Va No Cores Back
Annie Laurie Hunting Tower
Hudday Tower
Film Catalle as Concerned
5.05 Norms Flaming. Samuelors McClashan's Court hip David Kenning.
Me and Him." Ducid Kenning
WALES
9.0. Hubert Carter, Wynne Ajello and Chorus, Loudly Proclaim
All Thrangh the Night
Samt David's Day David of the White Rock
The Men of Harlech
9.15. Orehestra. "Reminiscences of Walca" F. Godfrey
9 30. WEATHER FORECAST and NEWS.
Mr. CLAUD MULLINS, S.B. from London.
Lucal News, 10.0, Harf-an-Hour with the Orchours.
Parent Patron " Harrey VIII Common et la
Overture, "The B'heye of Tippecury" Ameri Overture, "Plymouth Rise" Ameli
Patrol, "The Wee Macgreegue" . Amere
10 30 Close down.
5WA CARDIFF. 351 M.
3.0-4.0,—Fulkman and his Orchestro, relayed from the Capitol Cinema.
4.45-5.15 " SWA'S " " FIVE O'CLOCKS."
5.15 0.0.—CHILDREN'S CORNER. 6.40 6.55.—Dr. Jes. J. Sumpson, M.A., D.S.
"Romances of Natural History."
7.0. WEATHER FORECAST and NEWS S.B. from London.
Prof. J. E. C. DE SIONTMORENCY, S.B.
from London, Local Nows.
NORA DELMARR (Sopring), THE STATION ORCHESTRA:
Conductory
7.38. WARWICK BRAITHWAITE.
Selection, "The Grand Duchess " Offenback
7.45. Nara Delmart. Lava's Old Sweet Song " Mallog (1)
To the Waters of Mannotonika Lagrence
If I Were a Lark " Cuteum
A number against a musical item indicates the name

A number against a musical item indicates the came of its publisher. A key lift of publishers will be sound on page 147.

WIRELESS PROGRAMME—MONDAY (March 2nd.)

The letture * S.B. printed to Italias in these programmes arguery a Samuellandous Broadcast from the status manpower 286 Orchestra Overture, 'The Merrymakers' .. Costes De ing to Numerous Requests Revival of (His LOUNED CHIST (John Massfield). (John Marsfield).

A Play is One Act
Performed by the "SWA" Reche Play

Orchostra.

Solar on "projects" Ledines is for.

20. WEATHER PORTCAST and NEWS.

S.R. from London
Mr. CLAID MULLINS. S.R. from London
London N. 18. F 10. Lorest News 1.100 May Morning " Any Time's Kissing Time" throne Torrens Garden of Hoppinson Deniet Wood (8) Orchestra Sonvenie of Vallas Air de Ballet Nespontos Tarantello Scott (4) Burch Me ne p to #8. -Close down 2ZY MANCHESTER. 375 M 2 2.20 Music relayed from the Oxford Flucture Theatre. Conductor, E Spornin. 2 20 4.0.—Broadenst to Secundary is (Juniors): James Bernard, The Story of Dogberry and his Night Widelin (Shakespeare-"Much Ado About A . Tetlow (Tenor)

6 0 0.3.—CHILDREN'S CORNER

30-0-55 Mr J. F. Bursell on Marcal
Appreciation (9).

7.0.—WEATHER FORECAST and MEWN

8 M. from London
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1. J. According to the Station I in a Sta 1 30 5.0. -WOVEN'S HALF HOUR | Edward $\frac{1 + \delta}{NR} = \frac{2}{m \cdot I + \delta}$ Lucal News "Andante Cartebalo" Telatic aly State, "The Top Pigeons" Messages 9 No. WEATHER FOREGAST and NEWS. 8 B. from London Topical Talk. Local News 1 PRET FIAYDEN (Potertainer) A P. R. R. M. R. Romarks. "Further Remarks." NEWCASTLE. 5NO

A " We large " House George Compbed" ... If Kief Maria Carrier Carrier Hornors Carrier Hornors War and Carrier Carrier Television also 400 M. 3.46-5.18.—Winfred Oribbus (Mozas Soprano) Eva Taylor (Sola Concertua). L. A Nichobon (Sola Violin). Mc G. M (Sasten (Dramatic Recital), News Leaver - E.O.—CHILDREN'S CORNAL 6,0-0 20. Schulus Half Hour

C35-0.50. Fare at a Corner Mr H C Pawson, S.H. from Lambon Radio Association Tails E.R. from 1 of 1 ref. J E. G. DE MONTME RENEY S.B. from London, Local News Old Favourites. TOPA COLLINSON (Tener)
WALTER TODD (Entertainer)
THE SAME ON OR LESTRA
Conductor, DWAY CLAA b

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Join Collisson
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Hear You Collision Ms." Marshall J. JOHN COLLINSON (Tenar) 1 35. Prehamion (31)
Occheste.

"The Boneway (418" Caryll and Monetten
Repertory Company
"THE YOUNG IDEA"
H then Secure)
A Comedy to One Act Mrs. Lorruper (A Widow) NORAH BALLS Nanoy (Her Doughter) MARY KNYA) + Sermo—Noney & Den at buc Mother & H. 1126 11 th Control of the Control in the Country Denotes from "Nell Gwyn" ..., Herman Dances from "Nell Gwyn" ..., Herman Wa fur Tod I Ye Goodo Olde Days — Hayes (16) One Lat lo One Mora " — Hayes (16) n 10. WIATHER NORTH AST and NEWS

** B. from Landon

Topical Talk, Lacol News

Onchontre Overture, Carnaval Romano to 10. Potted Geography . The her than the Vor h. "On the Querter treek ... t fund 2BD ABERDEEN, 495 M. 2.39-5.0.—The Wireless Dates Orchesten, February 495 M. I. WEATHER FORECAST and NEWS, WEATHER FORECAST and NEWS, N. B. Irom Lando.

Rock Series of Lade S. B. Irom Lando.

Local District Series of Local News.

A Light Programme.

HELEN MCINTONH (Soprano)

P. G. MORDAUNT'S PARTY

BESSIE JENKINS (Contraine)

THE NEW LOCAL CONTRAINED

THE N THE WIRELASS OR HESTRA 8 Selection, "A Louistry Girl." . Monthly March, "Irish Patrol" . Petrner 7 45. Helen McInton!
"My True Love Hall. My Heart Two ight is a Maden Par " Choice ' Willow, Willow, Willow" ... Parcy (11)

3.0. As Bour of Puchy Reading and Fairy
Mosts.

Arrouged by F G. MORDAUNT and
L. M. WILSON

Solout, BESSTE JENKINS.

Hynd Horn "
Three Men of Borham " Peace k
S. 21 3 Fairy Plaint "...... Kennedy France [1]
"On a West Day "...... Sambles
Toocata of Onlappa "..... Hermoning
Maintain "... de in Mane, Mask by Core,
"Pury Walking Song"

Kennedy France [1]
Plainta Love Call "from "England
Research Ha on
A one Water
I to Traines
Overleard in a Sait Marsh " Mosto
"Green Candles" Mondert Wah
(traines)
Selection, "Here and There ". Chappelle
Overlare, "Rumous of Donnytmok
Folk (30
Marmin II Brother (1) "O Tanello Voice" ***** Habita Walter, & F x-test and a One-step. 10 30,-Cluse don a. SSC GLASGOW. 428 M.

3 30-4 30.—An Hour of Mr ndv : The Wireless Quartet and Libar A. Lapadey (Soprano).

4 45-7 45.—WGMEN S. BALF BOUGE

5 5 5 151LDBLN'S COLNE

6 6 5 Weather Forcess for Furness 1 41.55 7 . - WEATRER FORECAST and NEWS " - WEATHER FORECAST and NEWS
S.B. from London
Badin Association Task. S.B. from London
Prof. J. E. G. DE MUNIMORENTY
A.B. from London. Local News.
35. "Jeania Deans" ar "The Heart of
Midialian"
(Ser. S. A. Play in Three A. T. Arranged for Broadcast and Produced by
(J. 1964. ROSS. The Duke of Areyn ... RONALD SCOT.
The Land of Dansbrookes
 GFORGE ROSS
Dayid Dense J LIVENESTONE DYRES
Rechen Busher
 LESTER WATERICK
George Standies W G STELLIEN
Mz. Sharpitker 1 M LADE PALLERY
M 1 AD E PALLERY Caroline, Queen of E ter c Den C AI YS WOLDS () Lua Dea . NALON MACHONALD Vady So March Start March Soldiera, Courters and Constabulary."
Incidental Many by
THE STATION ORCHESTRA
Conducted by
FFRB, RT A, CARRITELLS

500. WEATHER FORFCAST and NEWS,
S.B. from Lond
Topical Talk, Level News.

10.0. Overture, "Flugal's Cave" ... Jilendaleschn
Bedri son, "The Lattle Cheruh" ... Carril
March, "Washington Grays" ... Gregotte

10 30 Example and Truck rescharary land
tours.

11 0.—Close down.

11 0 .- Close down.

A number opinion a context stem mainten the nation of its publisher. A key list of publishers will be found on page 447.

Continental Broadcasting.

Owing to frequent changes of wave-lengths and times of transmission, absolute accuracy cannot be guaranteed but each time we go to press with this distributed by excelully checked with the latest granishic information. The times given are according to Greenwich Mean Time.

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PRINCIPAL U.S.A. AND CANADIAN ENGADOAST

WIRELESS PROGRAMME—TUESDAY (March 3rd.)

The return " S.B. printed in Italies in these programmes stone in a Simultaneous Broadcast from the station man-

ZLO LONDON. 365 M.

1020.—Time Signal from Greenwich Maser to I to a 2 and but a b to H o a because of

8 8 346.—Transmission to Schools. "The Country Side—The Map of England," by Patricia Johnson

805.0, ~ Books to Read, by Ann Spice Organ and Orchestral Stace, relayed from Shapherd's Bush Pavilion * Bistorica, Pretures—(B. Sonin Women of the Perusation by American effort.)

5 × 6 %-CHILDREN S CORNER Joseph Stater (Fints Solos). "A No ure Story," by Joan Kinnedy "Progress things the Ages-(2) Housing," by W J this on

5 00 5 55.—An Appeal on behalf of the Ehra I the Carrett Anderson Hosp at Exten son Appeal Fund, by Miss LILIAN I PAITHWAITE

TIME SECNAL FROM RIQ REV WRATHER FORECAST and 1ST CENERAL NEWS BULLETIN, S.B.

JOHN STRACHEY, Liverary Criticism. 8 B. to all Stations

Loral News.

7 30. All Stations Programme. (For part en lars see contre column.)

WRATHER FORM OF A STATE OF THE STATE OF THE

Sr OLIVER LONGE, FRS, Engrand Reality-Electromagnet because our of French Range of the Range of and W. a. a. I SB to off Statums

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10.0.—Ali Stations Programme (Concinned)

THE SAVOY ORDERANS AND SAVOY HAVANA BAND belayed from the Savoy Burel, London, 8 8 to all

11 D. -Close down

BIRMINGHAM. 475 M. SIT

> a0 4 0 Lozeth Picture House Orchestra

404 to Samuel Training AGERED BAYES (of the Birmir gham and Michael Institute) . " Rog! sh Litter talk:

5 15 30. WOMEN'S CORNER Burlings Wainwright, Natural History Talk, "How ICs Done," Wie fred Marris (Contrality

6 30-6.30 -CHILDREN B CORNER

t 50 6 45. - Teens' Corner Weinfred Morris (Contrasto).

70 11 0. -Prog amme 5 B from Landon

6BM BOURNEMOUTH, 385 M.

1.45-5.0 .- Travel Talk to Women : " A Trip to Unnen (Chas)," by Major Coopes Hunt The Wireless Orchestra : Conducted by

5060 - CHILDPEN'S CORNER

ALL STATIONS PROGRAMME (except 5XX). Releyed from London,

VIVIENNE CHATTERTON STUART ROBERTSON ANDREW SHANKS THE WIRELESS ORCHESTRA Conducted by L. STANTON JEFFERIES.

7 30 6.30,

"The Sea."

"THE WATERMAN"
A Bailed Opera by Charles Dibdin.
(First produced in 1774 at the Theatre
Royal, Haymarket.)
Cast

Tom Tug (A Waterman)
STUART ROBERTSON
Rubra (His Rival) ANDREW SHANKS
Buadie (A Gardener)
CHARLES WREFORD

Mrs. Bundle (His Wife)
HELENA MILLAIS

Witholman (Their Daughter)
VIVIENNE CHATTERTON
Produced and Conducted by
L. STANTON JEFFERIES

8 25. A Brief laterlude "From My Wiodow," by Philamon.

The Orchestra.

Overture, "Britannia" Mackanzie (15)

U.San Shaen Eric Fogg "Songs of the Sea " Stanford (1)"
"Drake's Drum " "Outward Bound "
"Devon C. D.

"Outward Bound"
"Devon, O Devon, in Wind and Rain."
"Homeward Bound"
"The Old Superh
The Orchestra.
"Sea Foam" ((Suda, "The Sea ")
"Moonlight" | Frank Bridge (14)
Sea Chaolies arr Geoffrey Foye (1)
"So orst, Stuert Robertson)
"Amsterdam", "Missouri", "The
Liverpool Girls."

10.0-10.30.

"The Country."

The Orchestre.
"Gipsy Suite" Edward Garman (11)
Vivienne Chatterton.
"The City Child" Michael Head (1)
"A Green Cornfield" Michael Head (1)
"Spring" The Orchestra.
"The Orchestra.

Ballet Mude ("Sylven Scenes") Porcy Fletcher Be sitting the same same and accordance

6 0-6.50. --Schours' Half Hour Art and Re-ligion," by Coul Rhades.

6 M. 6.45.—Farmers' Tala The Management of Grassland Shoop, by John Faweett

7.0-11.3 -Programme S.R. from Landon.

CHAPPELL

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p'enos are in use at the various stations of the B.B.C.

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3 '5 99 T againston to School H ord, Haw Misse Has 11 143

3 50 4.0 .- The Station True

40-445.- The Carlon Orchestra, relayed from the Carton Restaurant

4.45 5.15.- * SWA'S ** ** FIVE OF LOOKS Mr. Isaac J. W. abus. Keeper of Art. The National Mascum of Wales, "The lorder, School of Water Co. et al. of

5-5.0 CHILDPEN'S CORNER

6.40-6.55.-Mr. Roland Wilcoms, M A . " Craft Plays and Players."

7.0-11.0.—Programme S.B. John Low n

MANCHESTER, 375 M

12 50 1 30 -Organ Music by H Fiteroy Pag-9 60 gram and sorder y are q Pheatra.

3.0-3.30. 4 0.4.30. } Concert by the " 2ZY " Quartet

3 30.4 0. Broadcast for Schools Mr. E. SIMS HILDITCH, "Musical Approximation."

4.30 S.O. WOMEN S HALL II U.S.

5060. KHILLENS CORNEL.

6 30 6 55 .- Local I sum Society Talk

70-11 0 .- Programma S.B. from London.

NEWCASTLE. 400 M. SNO.

11 30-12 30. Fiorrie Trotter (Soprono). Tilley s Rescaurant Orchesta.

3.45-5 15.—E ish Storey (Contratto). The Brancepeth Collegy Silver Band: Conductor, J B. Wright.

of for all these constitutions

6 40-6.55. -Mr. G. F. Og'lvæ, 1 Phren Weeks in Ben Nevis Observatory 11

7 0-11 0. Programme S.B. Jtom London.

ABERDEEN. 2BD

3.30-5.0 The Wireless Two A J. Wiseman

5 15-6.0. CHILDREN S CORNER: Author Mosly goes to the Fair

6 40.7 Q. The Boy. Walter A. Mursel., 'Some Victorian Novellass-Robert Louis Steven

70110. Programme S.B from London

GLASGOW. 420 M.

3.30-4.30 - The Woreless Quartet. Walter C. complete the panel

445-5.25.-WOMEN'S HALF HOUR Mr J Levine, " Cutting and Making a Sports Count

6.15-6.0.—CHALDREN & COLNER

6.0-6.5.- Weather Forecast for Parmers.

70.10. I gramme B.B from London

A surriber against a transces store successes the name of its publisher. A key list of publishers will be bound on page 417.

WIRELESS PROGRAMME—WEDNESDAY (March 4th.)

The letters * E.D. product on Maint to these programmes algority is Limititary as Brandons types the station most books.	7:
ZLO LONDON. 365 M	
3.15 3.45. Talk to Schools Wooden Re	ļ
enving Apparatus, by Mr. H. J. RINKS (Heato Apparentus).	
I Tues Signal from Groenwich. Con-	Į.
So had to I by not I be	
\$ 20 C.16. CHILDIGEN'S CORNER: "Toy,	
Und by M. Catherano Wiens. 3) Unde Jeff. Stories by Aur. at Your Mr. W. J. UNWAN, 1 Is 11 8	
TO THE WINDLE FROM BIO BIA	
A CALL OF FORECAST and IS.	A
1 1 RADDELL Popularity and osternty, A.B. to all State.	
Local News Sullivan Programme.	
WYNNE AJELLO (Soprano). EONARD LOVENEY (Tonor)	
WINNIE VAUGHAN and ROLAND	
MERRY (Fatermines) THE WIRELESS ORCHESTRA Conducted by DAN GODFREY, June	
7 MT The Orchestre.	
"Overtarn & Ballo "	
Love Laid His Sleopless Head " (1,	
Ir reduction to Act III. Desce of the	
Nymphe and Respect: Overtime	
W.pute Vergiun and Rebuil Merry	
Ny ano Aren	
ty bear and lite ante The post)	93
Whenever has from State &	h 2
Inexional Music to Honey VIII "	
9.0 (approach) Joseph Farrington 1. W. S. J. V. K. R. " Ho 1 July Jorden " [" Ivaniou "].	
The Openior in	16
In Made V to Survey Page March	10
Wome Vacaban and Reland Merry E tertain on again	
The Or testre.	6B
THE WANTER FORESTART and A	3.0
WEATH, R FORESTART and A CHENGRAL NEWS BUILDING SB	3.4
Li 1 d) Dra a Louise Louise Revial Sperious and Coldens of S & 6	
"The Week's Work in the Garden," by	5 Q (LO
the Royal Horrestauret Sounty. B. 6.	
Local News. 10.20. Located Laveury	非明
"Once Again"	7.0
Overtore, "The Pirades of Pensages."	7.3
SIT BIRMINGHAM. INEEL	1 3
5.05-4.30.—The Station Panaforts Quarter 5.0-5.30.—WOMEN'S CORNER. A. W. Sanders, Money Tarks	
5.30-8.30CHILDREN'S CORNER	
C30 0.45. "Teams' Corners Mr F. W P3 ditch [of the Birmogloon Natural	8.0.
Day in an Elemon say So so	
10.—WEATHER PURECAST and NEWS A.B. from London.	
Lord RIDD. L.L. S B from London. Local North.	
2000 2000	

A Dual Programme.
30. A Jubileo Gelebration.
THE STATION ORCHESTRY
THE STATION OF RESTRICT
HARRY FREEMAN (Viol)
PROMAS FREEMAN (Visionesis).
THUMAS FREEMAN (Victories).
NIGEL DALLAWAY (Panneforte)
4 Short Jubileo Programme in honour of
10th Hirthday of Mr. Harry Freeman
In pary Leader of the Status, Orchestra.
Herry Fraction
to dame to a Major flor bear and
On the American
Charles Charles Charles
The Orchestra.
Jab ion Overten 11 che
to the state of th
In Course Street, or in An a
Y to Francis Disconfession of
V n · Fr a → Pinairiforte /
WANTE BY LAD CONCERT WITH
CARETRA
THE STATION OPEN STRA
A 15 INARD (Hamme)
N (A I MARR (Sopring) SY, NEY (XMARIAM (Tenor)
SYDNEY ARREST (Tenor)
BRET HAYDEN (Entertainer).
B1 33 1
"Ritorea Vinctor" (" As Nester They
Annual Ph (a) Annual Parell
Company of the state of the sta
T 48 Dange (Mart Chimies Vecom
paniments by B. C. Cot
"Ritoria Vinctor" ("As Victor The sturn (") ("Anna")
Symmy Coltham "We All Love a Pretty Girl" Flu Snowy Dreasted Pearl Flu Snowy Dreasted Pearl Flu Snowy Dreasted Pearl
"We All Laws a Plantag (Right " down
Plan Ramon Demonstral Part of Part was
Life promy element Level day a say
Brok Hoyden
AL PEW LYP HIGHER.
Nora Delmare
'Leah's Song " (" The Predigal Son ")
Debrane
A Mile has he had the Electrical
The Night Word Transfer
Sydney Coltham.
8, th in Dreams 1 See Her ' Oliphant
Sydney Coltham Soft in Dreams I See Her ' Chiphant on the Not Frond ' Chron or
The Sands of Dee " Clay
The Bands of Doo? See The mark Clay Nore The mark See Song ("Tour dates") German
of the the latter
S r Song (" Tom James ") German
All For You' Mustkops Martin (5)
All For You " Musthops Martin (5) 30WEATBER FORECAST and NEWS.
S B. from London
British Limms League Lecture Recital.
to do down Tandam Longing Lancinston Procession
S B. from London
Royal Hurticultural Society Talk. S.B.
Jone Lant u
Local News.
20. Bres Hay by
More Remarks
1 10 C' James
10C ise down.
BM BOURNEMOUTH, 385 M.
BM BOURNEMOUTH. 385 M.
for 2 70 Superson from them. State Consider They

Service for the Sick Greats Dor Soprano, Address by The Rev George

5-5.0.—The W roless String Orchestra . Conductor, Copt. W. A. Footherstone Modic Bolton (Contracto). "Gardening Talk" to Women by George Dame 6.0.—CH.II by N 8 (ORNER

6.30. Schooles Half Hour A Stateenti-Century Schooles at Home," by Mrs Erio Diarpo, M 1 3 0.63. Tank by Hectrom Fryer, States

WEATHER FOREAST and NEWS S.B. from Landon Lord HIDDELL, S.B. from Landon. Local News.

8 0 - Literval

Wiater Gardens Programms. THE MAINS HAL ORDERS RA Conductor—Sig DAN CODERLY JOSE DE MORALS (Voca st. WARWICE PRYCE (Planist, Orthostra

Prelude n C Sharp Mater Hawh on Overture, "Magnett Value from (By Request) Not as Just de Movaes.

When the Stars Were Brightly Shains

"A Lament" Cotenidge Taylor Does for Two Piccoles P et

Urchesten Selection, "Looking Backward" (Potpourri) Herman Frack

Seams from a series re-trains a

M seal Representation-Three Famo ? Pictures

9 80-10 30.- Programma B.H. from Le-

5WA CARDIFF. 351 M.

3.0-4.0.-Fasknoon and his Orelectra, sela / 1 from the Capital Circum

645-545.- "SWAS" "FIVE O'CLOCKS

" 15 8.0. CHILDREN'S COPN R

8-40-0.55. Mr A H. Low, M A. Plant Patho lound to the Long Anton Research Statum, "Diseases of Crops and Then

70. WEATHFR FORFCAST and NEWS N. B. from London. Lord RIDUELL. S.B. from London Local News,

Symphony Concect,
THE BRISTOL SYMI RONY
OR HASTRA
Conducted by EUGENE LO-BSLAN.
Relayed from

The Conton Had, Bristo. LLSIE SUDDABY (Soprain).

ELSIE SUDDABY (Soprain).

Overture, "Don Giovanni" Manuel Prelode, "L'Après Midi d'un J. v. ("The Afternoon of a Faun"). Debussy Elmo Suddels

Songs from the Studio

O' Sleep Why Dost Thou Leave Me !

O' Sleep Why Dost Thou Leave Me !

O' Se refe!

H Thou Art Near" ("Anua Magdalana Nucleus)

C Yes of St. (Phochus and Pan Bach

Orchestra Symphony No. 2 in E Minor Hockmaninos diegirod's Journey to the Rlune " | Fig. Subm. y

Some from the Studie Sweets Was The Sor

"When I Am Laid in Earth "

Houry Parcell (1)

Back I The Relating As " Parcell (11)

Back 1 The Echaing Act "
Heavy Parcell (11)

Orchi, an hady Kry .

Saconvol R roses 9 30 40 30. — Programme E.M. from Lordo

2ZY MANCHESTER.

3.0-3.30 | Music relayed from the Piersdilly 1 0-4.30 | Firture Thantre, Conductor, Stantey E. Mills.

O Broadcast for Primary Schooler Father Bl:RNARD BUTLER, S. J., The Story of a Cat and a Squirel." 3.30-4.0

4 30 5.0 WOMEN'S HALF HOUR A LOL SI gay (a cath)

0 30 8.55.—Major W. Peer Groves. Travel Abroad" (1)

Abroad " (1)
70 W AF 1, W FORECAST and NEWS. D from Lordon.
Lord RIDDELL. S.B. from London.

Local Nows,

A number against a truncal items (subseque the memor of its publishers. A boy Esq of publishers will be found on page 447.

WIRELESS PROGRAMME—WEDNESDAY (March 4th.)

M.20.

The letters "S.R p n so to stable in best programmes aigney p Bemultaneous Broadcast from the station over-
signify a Semultaneous Broadcast from the station over-
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0 30 WEATHER FURETANT and NEWS
KB from Landon
1 18th Drama League Lecture Record
Roya, Hortanstand Society Table
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IC 15. Class down
SNO NEWCASTLE. 400 M.
3.15 5.15. The Station Septet. Limbert Har very (Tenor). Isothel Speace (Septemb).
Mrs. S. K. Barber, "Lancen Dishes
* 15 8.0.—CHILDREN'S CORNER
the the Scholare Had Hour
6 % 6 60. Parmeral Corner Prof. Glid rec. Sensonable Notes
7 C. WEATHER FORECAST and NEWS
S.B. from London Lord B.DDE.L. S.B from Londo
and News
Telephines force Charm
Selections from Opera. ("THEL STANLEY (Mezzo-Sopranic
CALE SMATH (Bantone
THE STATION ORCHESTRA
Candactor, EDWARD CLARS.
7 31 Orchestra Selection, "I Paganeti" Leonegrallo
7 to. Study Stanley
Hambson Pedralo " (" The Crown Dia
Who Am 1 ! " (" The Black Mask ")
2 ac. Orchestra.
The Flight of the Bumble Bee " (" True
Staten") Runsky Korsukov
N 5. Date South. Yo Twice Ten Hundred Donnes " (The
s on or a s Song in "The Indian Queen ")
Wale From they
Wiss Cup () (Don Giovan)
Ol. Come Now to M net
r. fr. Orolostra
sidection The Flying Dutchman Faguer, are Taxin
t that Stane
(i) , Thou Dearest " (" Abu Hassun)
Qu e Mussy Hell Reclaing " (" Preciosa ")
Preber
Ordentes of the from " Le Roy s'prouse " Delibes
parest dom Te not a handle . ** Telless
12 IBLNE SCHARRER
Sofo Pianoferte) D Minor ,
Spinalas in C Minor Seadate
Alaque I
Chromatic Fantasis and Focus Buch
5 e manara Emo Fogg (4)
No Ecor Y . 1
La senation " Alfred M Wall
Accompanied by the Composer)
15. Prens Schatter (to bide in A. Flat)

эттеми Сворія

Mody in G Flot

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B & Brown Louds B & B orthoods and Society	
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7.0. WF VI.H P VST	and the
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JEAN BRYAN (Cook N NYON LETTS (B	210
Wasself R TODD (Feb.	frequentil?
THE WIRFLESS ORC	HENTRA
Selection, "The Wilrigg" 7 to. Joan Bryon	Chity .
The Enchantres	Hallon
Softly Awares My Heart A. Walter Tor J.	*# N exc
Art of Lorerton is	Gery (19) Thorp (18)
8.5. Re Four July Sai ***	
The Two Chemolies	F rage
N.O. Deckson N. Selection, "A Night Out	
March, " Entry of the Hoya-	is Histories
T Spanning When	7 100
Round the Different "	Man of a
8.35. Wifter Total. My Pouple Dartmoor Days	
" Dartmoor Days " H the Missus Says	She try
Konyan Latte.	2 1700 17
The Floral Dance "Chorus, Centromen	M Sw Lolo
8 56. Jean Bryan. 'Friend o' Mine ' "My Praire	
"My Prayer	Manufernous (1,
9.5, Wolfer Todd	Language (13
One Lattie One More	Hayes (10)
9 15. Kenyan Letts Letter" ("The Rom")	Flegue
DESCRIPTION OF STREET SALES	
I. Bonsoy and Co 2. Curven, J., and Sone, Ltd	
 Receive and Co. Ourseen, J., and Soon, Lid Heimen deren a. Mine Philiphina Link and Co., Lid Link are find. Footnan, applien Footnan, applien Link to. Dy and arrest 	,
B. Fontman, 435 to Plan to D y and sore S Linear f	
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P.20. Orchestes.
Occolore, "Marco Spada"

J.30. WEATHER FORELAST and NEWS.
S. E. franc Landon. Striffh Drams Loague Lecture Recital. 8 H them Louise Horizontal Society Talk. S.R. Local News. O'chestra tou ' The Atonement of Pote " ... Healey 1) 30. -Close down. GLASGOW. 5SC 420 M. 1) 50 19 50 Wilder Transmission. 3. 3t 4.0, -- Broadoust to Schools. 4.0 4.45. Musical Meanouse: The Witness Quarted and Finda Darrhitz (Solo Lor (orie). 15.- WOMEN'S LALP HOUR J S. Bandbridge B S. Brooms and Brushe-and Theorit. 5.15-6.0.—CHILDREN'S CONNER: Singing Boys will sing Songs by Mendelssolm (1900-1847), "May Song," "Greeting, Oh! for the Wings of a Dove" (Soio).

'On Wings of Song," "Slowber Song." "Withir Forceast for Farmers. Wather Forcess for Familia.

Are Alexander Proudfoot, A.R.S. 1

Are Alexander Proudfoot, A.R.S. 1

Are Alexander Proudfoot, A.R.S. 1

British Research Conference of Property Local News Popular Night. OHE STATION OR THESTRA Conducted by
HFRH RT A CARRCTHERS.
A PARRY GUNN (Lecture Recent)
MARGARET P STEWART (Sopram-THE HARMONY BOYS (Moran Bros. and Begg). 100 Selection, "Oh, Oh, Delphino", CoreMargaet F Stewart.
Ceche Song, "Rimmadh ino na Calangen
(I a Cocklo Catharer").
Canar in John Gray
Song to of Land Under War in Orchestra, Astronomy Group (1)
Orobestra, Orobestra.

Selection. "The Gricks" Jacob Tar Ha may Boys

I I Can t San. Als a My Mannay

R. B. Beech I a Re
Why Dat I Kasa That Greet

A Par re a

The Speaking of Process H istration crown from Lyra to a Verse

Oramstra.

Selection Bette Remained Soft

Mary not b Steat

Leve Song Frency Louncal

"Bolyang's Song Kennerly France (1)

"Bolyang's Song Kennerly France (1) Patricete, "A Lattle Peach." Colm. The Harmony Boys. UAT D. sie Land. ' I'm Gouns Bring a Wa crimeton to Ma Girl To Nighta" 9 30. WEATHER FORECAST and NEWS S B. from Landon British Drama League Lecture Recate S.B. from twelfer.
Recate S.B. from twelfer.
Recate Bortech and Society Talk. S.B. from Leader.
Local News. 12 20. Orchestes
Wartz, "The Grenadors" I.A.
Warch, The Grenadors" Source
12 30 -- DANCE MUSIC relayed from "T
Pleas" Paints de Danse 11 30.-- C pse down A number against a musical steat indicates he notice of publishers. A key list of publishers will be found on this page.

THE CHILDREN'S CORNER.

CONDUCTED BY THE AUNTS AND UNCLES.

A Wonderful Voyage of Discovery.

H Here is a talk by C. M. oney that you will pertainly like to read. Is well stake you mon-interested in your study of geography

Mont the system 800 to 1000 a. D. the Norsemen se field and there my astern and about the year 1800 a.a. they reached the continent of North America and explored the coasts of A erien a one the Labourit coost and the drance to the est are of the St Lawret The years 5 lowing the Lacoveries of t tore and do not bee or four ten-I showing the Korman Cooptest of Englas Lattounity, and eightly known as the back Ages Everyth's accused to ataquate, and effort in every leng ____ d to fall off. The ear ____ appears of I ___ can and fastings at lengt e e le to sai, roi ad Africa. A to at the Muldle free, must at a , mistake. He said that it was not jos

An Ambitique Prince.

to prove this. He surse, discourt wouldn't explorers from two turing upon

At first land travel was to runneating with the treasures of the East. I did and thing. Then later, about the vent 428 to 1460. Prime Henry of Portugal begato encourage sea travel. He gave instruction for exploring the wasts of Africa and had escein, maps made for las captoons.

Under his gausance, the old superstations were gradually dispelled. Trade with the hawwas exceptionally valuable, but rivalry for this trade, and the longer of the overland route more the journey less and less attractive. But the wealth was there and the lore of it was powerful. Men wanted the treasure and an rang way to obtain if

If you w I, look at a map of the world, you wal see that the obvious way to this trousure of

or Flash would be to son, round the coast of a carrier in Lachtin Ocean a bore in them. By remember that the fact that it was possible to and armed the coast of Africa had been foresitten-that a to the geography of Ptolemy. Prince Heary devoted hungel to this problem, however, and graemally his salars po- fort or and further hone the coast of Arner He himself shell not have to see the results of his initial ve and set he was he man who made Inter expenses or or

Magallan's Great Adventure.

155. Cape Verde was recisewered ter Diez sailed around the Cape and the end of the century to the great enterprise and line reached Incan by saming round Africa, and Columbus had reached Amterion

In the year 1519 another attempt was train while a resulting at the first vivage right round the earth. In 15 0 a Port amose mevicular Mage and, began to arene that if it were possible to on I mand the south of Africa, it must be equally avoible to said come the south of S. America al so reach Chang. He set su l'in Avgust, 1519. just over 400 years, ago-w to five ships and si men. His slags were old and unacaworthy Leaving the port of Seville, in Spain, he lirst nide has way to the Caunty Islands. He writes a mis diary that in one of these islands there is not a drop of water to be found in esteer river or foundam, but onen a only there newe his a large could from heaven which surrounds a tree and fails upon the leaves of the free and the leaves castil the water and

the wilder many his way across to Atlant. t the coast of Brazi, an shirting along the est entered the Ever tel la Plata, non monly, but a well in sealed the Byer Plate. The runst of America. Magedan, according to his account to a travels

water flows from the leaves of the tree.

the people here were his ng it that i of S. A. 2008. Off his coast ship weeked and lost and. resolute and motory brot - a the fleet This. M - fan put down with a firm hand. He unt meet. They were beheaved and quartered was J not turn back andongh, when he got to the southernmost extrem a or 8. America, he had to face a very to eries of storing. It took blaze to

Doed While Fighting.

hi Necessitier 28th, 1520. Efficien most releasing the norm port, Mage has found -elf his gh the structs , to a sea which hi umen. The Peaceta Orean - The Pa was her little sa I as shap unserworthy and faced We h heavy brain winds, but she was so small that she could not carry many provisions. By the ghoud safely in the water - F Event reas were recateed to

Wer passing two equall desolate island which they named the Priortemate fela Magedan reached edands to which he gave an equally unattractive name—the Land of Rephers -these were the Mariagne Islands which were

hy Spain to Germany about twents

Event cally, Magellan establed the Philip
pow Islands, where the crows were able to see cattle from their exertions. Shortly afterwardhowever, in a petty squabole and tribal war that troke out, Magelian was killed. He diefighting. Wounden first by a possened arrow is use the word for his men to fall back stead by towards the seach, but the retreat some became a setamble for safety. Only six or seven men ed around their cuptum. The rest saved

THE STORY WITHOUT AN END.

By LANGFORD REED. STRUE HIS

OFFICE COR

with Selen

un, which I

n del. H



have al tendy rela ted, Mas tujiha Ber Nana Cu I ph of Bag rad, has made other aftempts to forow the example of he greet Harons Al Roselad, of The Vizier brought before him an "Ara him n old man. Nights" old man. Nights"

fame, by "Tring about the streets of the city degreed with booses of coming into touch with some of his impects who had interesting

But he met with no success at all and its tailure annoved him greatly. As usual, he

united his filte aper upon his minimum to Vicer, Grandoid. The Vizier bowed nor by Promon, Excedency," he said, "I ventured

to think that if the Cal ph Barous could secure intertainment by those means, you who are a much areater, could not full

Wolf there's somet it in that, remarked Mustapha, more curried to the do hav bestapha, more curina ly to do have no of cor me sense occasionally. So I rely on year to find me someone with a good stoto ted by next Saturday evening. Far at your

Indige of the Cabples delight when, on saturday evening, the Vizier brought before arm a grabby ole man with a bonked noise and a merry eye and explained that he was a travelling pedfor from Jerusalent, who boasted that he had a tale to tell which had no one

You appear to be a person of ounsiderable othe ligener, despite vour mean appearance," observed the Calopa, "Begin at once. I will remage you for a week's trust and pay you a

one-handred pustre piece every right."

The old out a ever aleaned. Then he claused at the Caliph doubtfully. The latter noticed the look and said reassuringly -

You have nothing to fear. I will do as I Begin at once, and if you please me, your fortune is made. But if your boast is an empty I'll have you fried in dripp-

The shaoby stranger again looked at the Calipb, with a sly salelong glance. Then be answered: 'Oh. Great One, if I decreve the let my fate be as threatened. Now that I had assurance of thy protection, my mind is easy within me." Then, again procteating himself. de begna de follows .-

Oh. Make fivence, there was a certain to all a who commanded his slave in ell him a store and the slave prostrated has unworthy person and began as follows. 'Oh, Maga freence, the was a certain Caliph who commanded his slavto tell ham a scory. And the slave----

Bismiliah !" excla med Mustaph... seems to be a great asserters about this stor-Leave out the introduction and cet on to some teing more in

It would spoil the story oh, All Powerful " said the old man. " But I'll lovery over that part—who commanded his slave to tel. h.m. a story. And the slave prostrated his unworthy person and began as follows: 'Oh Magnificence, here was a certain Oxhph who commanded his slave to tell him a story. And the slave prestrated his inworthy person and began as follow-Ch. Magual---

Weembie trickstor!" broke in the chroneo Ca iph, " to ly your story has no end, since it is all beginning! Fortainte it is for you that my yow protests you. My treasurer still pay you a week's wages and conduct you outside the city An I if ever you done to get font within it ago a I'll have you posselled on toast and served up as breakfast for the saired expectates t" . --

WIRELESS PROGRAMME—THURSDAY (March 5th.)

The lettern "6.8. greated in fiblics in these grogrammes signify a Ministension Brandont from the station mea-

LONDON. 21.0

1.0 2.0 Time Signal from Greenwich, The Week's Concert of New Geamophose

46. Transmission to Schools: "Cl-dren in Dickens—David Copperfied. Lecture Rectan by J. C. STOS VRT and

Letters of O Toyo," by O. Rouseau James. Must performed during African Associated and James. Must performed during Africant Ten at the Transactor. The Inventors Club." by Mrs. H. A. I. I. show. Cintratum of Nu and Countries the Unmarried Muther and Her Chilo. 15.—CHILDREN'S CORNER; "Stories of Fuland," told by Ethal Randing E. G. M. of the Daty Mad.—Soo Story Earning a Laving at the Zoo." Punnaforte Solos by Margaret Portch Lts. Market prices for Farmers. 5 40-55. The Rt. Hon. Lord H. LESTON & R. from Birmingham.

7.0. TIME SIGNAL FOR DE BEN WEATHER FOREGAST and ISE CENTEL NEWS & LIFTCH ST to all Stations.

ALLEN S. WALKER, " Ambitoctus The Cathedrals of York, Ely Exeter and Southwol " S.R. to all Status. Southwell

Talk by the Radio Society of Grust Britar: to all State or Local News

Chamber Music Evening.
JCHN COATES (Tenor)
LIE PHILIPALMONIC PLANOFOLES

QUARTE 1
CHARLES KELLY (Pransforte)
PAUL BEARD (Viola).
FRANK VENTON (Viola).
JOHAN C. BOCK (Violoncello
The Quarted

Quartet in C Manne, Op. 13 A say or carbon It aid Asy see Andron

Poetry Readings by J. C. SQUIRI

Watern Bound Stringe Elgar (1)

First Movement from Quarter Leb n 1870 (404)

John Coates Mes Nacht " 4 Messages " ... !

Schulers

A sharte from Quartet in E Flat, Op. 60

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Lord News

0.6. The SAVOY ORPHEANS and SAVOY

SIAVANA BAND, releved from the
Savoy Horel, London, S.B. to ale

SET BIRMINGHAM.

t.30 130. The Station Pageoferte United West P. S. S. S. P. F.

130 0 30.—CHILDREN'S CORNER Middled Forster, "Things We Don't Lear in School"

School "

6 36 8.40. - "Trens' Corner: Frunk James,
"Grangmer and Syndes "

6 46 8.65. Boy Scouts' and Grel Guides
Haleum: The Rt Hun. Lord H.K.h.
S. ON (President of the Hirmingham Secute' Assentation), "The Scout Meyer
or at." S.B. to other Stations.

7.0 11.0. - Programme S.B. from Lawren.

6BM BOURNEMOUTH. 385 M

2.45 5.6 Talk to Women: ** Londor Law-hy Anny Faruell Watson, A. Martin (Dialect Stories), The Bijon Military Isuatel.

Fantel."
5. 1 5.55 (HII), off F. S. COLNER,
5.0 6.25. Selectors' Har Har Issuing
Caterpallare at Home, 'I decided by C. 25.6.29. Farmers' Talk Experience by
Mr. T. R. Ferris, M. So., N. D. D. Drento.

of Agreeditive for Dursel
6.40-6.55 Pho Ht. Hon. Lord H.KESTON
8 B. from Birstingham.
9-110 Progression S B. from London.

5WA CARDIFF. 3515 3.0-4.30 BRET HAVDEN (Enterphoner). TRE STATION OR HESTINA WASOVICK DRAITHWAITS

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Symphony in D, "The Clock" Hoyda Best Raydon,

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44 . SWA'S PETUE OCTOOKS

5 15 400. CHIL PEN'S CORNER. 6 3 -0.15 Talk to Scouts

6 10 0.55. Mr. J. Kyrin Flacturer, 'The Woong of Markel Firehumon, a become Leve Stor

1.0 al 0 Programme 8 B Jrone Landon

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CATAL OR LORENS CORNER.

6 30 6.33. Boy Scouts' Lucai News Bulgay i. 0 3a 0 a5 F. A. Stocka, M.Sc., Deputy Camp Chief. Boy Scouts' Association. Plon-ring the Summer Camp

70 WEATHER FORFGASE and NEWS S B

B from Landon ALLEN S. WALKER S.B. from Radio Society To k. S. H. from Lands a

Mille, Instrumental and Dramatic. NORA DE MAIR SO CARL ET CHS (Solo Lodo CARL) ET CHS (Solo Lodo CARL) FOLART | Reschige Nora Demarc Lasabeth's Greening " ("Tanahauser")

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Hamabild " (Hebrew Metody)
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Normal Indicates Marian Burge

Wanta Por " Winda Billio Alfred Hill * Bong of the Mere * 1

Count Fogurty
Resigned the Moon Commercial Lady Gregory
Latt French

WHALIAM MT ROOCH (Solo Planefor -

(First time in Manhester)

W. J. am Mardach.

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9 50 (approx.) -WEATHER FORECAST NEWS. Relayed from London.

LORI News to 10 -THE SAVOY BANDS. S.E. //a Landon.

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NEWCASTLE. SNO

11 30 12 30. - Nora Young (Contraite). Robert

Mark (act.

3.4. V. Else Coughtly and Too Gorzhilly
Vez the sand Solos). Jack Rackettrele
(Cornet Solos). Afred Snath (Cine.
Pispeth Lethem, H.A., Wanderses

5.15 G.A.—CHILDREN'S CORNER.
9.30 G.M.—Boy Scouts' and Gel Guides' News
Scouts Yelfs and Character by the RevorSection of the Newscatte Boy Scotto
6.40 G.M.—J. L. Gabson, French Talk,
7.0. WEATHER FORE(AST and NEWSS.R. Jone London.
No. ALLEN R. WALKER. S.R. 1206

Louders. Radio Society Talk S.B. from London

"A Night in Hawall,"

O ANGLO HAW ALIAN PLAYERS
COLLEEN GORDON,
STEFANIE DAVISON
POY LIMBER.
CECIL WATES:

with Bair Navel and Emericator I unlete-Steel Gusters, Haunting Bawatan Ars-Uniognie, Songr and Music. 9 30 11 0.—Programme S.B. from Loadon

ABERDEEN, 495 M.

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(Soprano), Fermine To a season), CHILDRENN CORNER Man-songs by Anome Moll)

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W A ... WALKER, S.R.)

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WIRELESS PROGRAMME—FRIDAY (March 6th.)

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WIRELESS PROGRAMME—FRIDAY (Mar. 6th.)

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O NEWCASTLE, 400 M.
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1-5 15 Hertrude H idis (Suprisio) Alan Pro- tor (Sino Pianoforte). Re la d Tayor

51 (Lurant and Trombone Doets, 15-6.0 -CHILDREN'S CORNEL ta0-6 20 -Sel stars' Half Hour 6 40-6.55.—M mistry of Agriculture a Fort aughtly Bulletin. S.B. from Land: a WEATHER FORECAST and NEWS
A. from Landon
PERCY SCHOLES, S.B from Landon

Local News. to 6 to Request Night Programme 9 30. WEATHER FORECAST and NEWS

S.B. from Landon Dr. A. W. J. MAJFADDEN Loudon, Local News. S.B. Jeom

10.0.- Request Night Programms (Continues, 10 30 Close down.

ABERDÉEN. 2BD 495 M 3 30-4 0.—School Transmission Dr W Douglas Sumpson, F.S. A (Sent.), on "The Black Kode of the Vikings" Mr William S a son of the Vikings" Mr William Barden on b Life in Boman Pomper.

4 15 5.0: -The Wireless Troc. Feminine Topics. 5.56.0.-CHADAEN'S COTOLE

60 I total two conducted by Peter Craignayle
Wotham Brown, B &c., MRt.Y.S.

Vetermary Tomes. Advisory Corner under the auspices of the North of Scot and Agricult ral Con-Concorted by Dio 6 March Sc Agriculturas New 7 0-10 30. Programme 8.11 from Charges.

GLASGOW. y 250 M I day Tenosmession, 2:000 I and to School 2:44 to a M note by th some by the Worshood Local News

Our Birthday.

N. D. to Ab. w. a. Indiant, Edinburgh, and Dander THE STATION ORCHOSTRA

HERUFRY A. CARROTHEDS
THE HAWAILAN QUITAR PLAYERS
(COLLEEN GORDON, BTEFANIL
DAVISON, ROY LIMBERT, CECH,

VALANIAN PROPERTY A. CALROTHERS
Som Promoforte).
PILLS VALE SQUARE
LIPF BAND OF 7TH (BLYTHSWOOD)
HAVIT HEGHLAND LIGHT
TAFANTRY
Prope Hand
Slow Ar, Border Slow March
Schwinger, March, "KOSB", Farewe, to Mescak, "KOSB", Farewe, to Mescak, "Stratespey, Gave wit the Propert Horn."
Real, "Flaggon." stratespey, ' Grand Stratespey, ' Grand Orchestes ' Grand Orcheste

What a Programme may be ago in 2000 1 D

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Slow March, "Bounts Canada Solections," Blue Bounets "; "Watering "Aburiout House"; "Merry Black

950. WEATHER FORECAST and NAWS.

MEATHER FORECAST and NaWS.

8 B, from Landon

Dr. A. W. J. MatyADDEN. 8 B. from

London Law X w.

1. Hawa ... Ran P.

1. Masted (?) Chat

1. On the Beach at Warkers

1. Kamshamoha March "

1. Masta Ka"

1. Masta

Musical Comedy Selection, " The Del ac Position by Magraegue Amery See or Floradors Store 10 30 4 Jose down.

r A boy list of publishers will be found on

Thursday's Programme.

(f ms and from page 448)

Everybody's Programme,
HENE SCHAMICER (Solo Pamoforte)
DALE SMITH (Portions,
G. C. A. ASSON (Factor at)
THE World Lines of the SMA

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A Roaming "

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8.0. Moonlight So Masson.

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6.43. Ireno Set arrea "Hark Hark the Lark" Scouber Lee.

5SC GLASGOW. 420 M.

130-4.36.—An Hear of Me out The W.
Quartet and Edith G. Paterson (Suprano
4.35 5.—Will No. HA File. No.
guret H. MacDonaid, "Lafe on the
Unique " (11).

5.15-6.0.—CHIL DEN'S CORNER

6.15-6.25.—Gril Gote To 6.25-6.40.—Lord GLENTANAR was took to

Boy Scouls. S.B. to Aberdeen.

1 Task on bound of the Gris.
Outlary. S.B. to other Stat one Guldry S.B. to other Stat one
7.0.—WEATHER FURELAND and NEW S.B. from Landon
Mr. Allen S. Walker. S.B. from

Landon Racho Secrety Talk. S.H. from Londo

> Border Scenes and Some Humour. THE STAL IN SECRETARY

Consumed by
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AUG. - B Hell IE (Letter RectF ELLIOT LUMIE (Barthone)

WALTER TODD (Entertainer).

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Where J. Graham (2) Jam Pegl

9 20. Walter Todd.
"Inventive Johnny"...... Learence (13)
The Ideal Home "...... Lose (13)
9.30-11 0x-Programme & B. Jrum London.

WIRELESS PROGRAMME—SATURDAY (March 706.)

The teams "t.b." golded to failer in these groppensmus algority is blandthanous Browness; from the station stop-linest.

365 M. 21.0 LONDON.

4 0-5 30.—Time Samual from Greenwar BANI OF INDEX THE DO SET IDST Bond meser Mr. G. M. Ha ov D Faredov S Last HILL IV NS COUNTR oy tan Ocet, The Ray sight to Fire-sidn Tages (3), told by Edith X

40 8.55 Mr J REA JONES BA, ' Com

TAME SICKLE FLOM BIG BUN WEATHER FORECAST and FIT CENERAL NEWS BULLETIN, SA

Planet is at the University of Loadin More Facts About Our Speech. S. L. to 35 cores. Local News.

Popular Operatio Evening. FORMAR OPERATE EVOLUGE

ARTER DENNES (Contratto)

ELECUL CARTER (To

DENNES VERLE BARRON

ORCHESTRA

Co ducted by

1 STANTON JELLES

The Orthestra

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Metalitics .

Mapir L. R. TOSSWILL, Hogger To-fackang, and England's President, B. to all State

Unite Mane, Frank " ... Strand. Orr ding Procession. The !

[0] 70. THE SAVOY OILPHEANS SAVOY HAVANA BAND, AND SELEMA FOR R relayed from the Su by Hotel, Longian St. B. In all State

12.0. - Crose Town

BIRMINGHAM. 51T 475 M.

5/9-5 30. WOMEN'S CORNER. George Burs. ley, F L.S., Bees and Bee Keep og Edd i Freeman (Contrasto) 5 30: 0 30. CHILLBAN'S CORNER Annua Lored N Operatic Pragramme.

PALAT

A SEATRE IS MIRANDA Margarato No rel 1 CONSTANC WALLS TARRY JONES
WILLIAM MI FALL
NO MAYALLIN
STATION SYMPHONY THE CITY OF BIRLINGERS

- tor JOS, P.1 Lew S. the SH , am Leader

68M BOURNEMOUTH. 385 M.
3 15-5.0.—Ters to Women: 'Course Lafe ' by
Beryl Trove ven. B.A. The RUYAL
BATH HOTEL DANCE ORCHESTRA,
r ed from Ko.g's Hall Rooms
3 c Director DAVID S. LIFE
H o Hard and Charles Croyford

50. FHI NS OF N B

5.0 6 30.— Scalaurs Holl Hour * The Formas 19: F Mov. Jan. M Sees. Dy A Barre lough, M.A., F R.O.S

S B from London

S B from London

N D 1 n v 1 t N N P WEATHER FORES 1ST and NEWS

Local News

Lucky Dig Right. ABERDIEN NEWCASTLE MANCHESTER 4 to 5 4 LONDON

12 b.- Programme & H. from Lordon.

CARDIFF. 351 M.

Parkings and his Orchestra, o from the Capital Chemis

" Banting Round the World, " TOFN COLLASON (Tenor F, H & F, AFVERSIA (Burk) FFF STATION OROHESTRA Cond.s or WARWIS K BRALLISWALTE

In No. 1 . abilist Ruser (24) Fr ware Active to Surviva Dence

Shaphard's Song (Norway »Folk).

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The Mahal (Morocco)
Fine Mongs from the Japanese, arrange from b da Mondies

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Take Francis ng Laise .

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South American Sung

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MANCHESTER.

3.30) 30. Mese rearral from the Piccoal J Proceed Theorem, Conductor Star

36 a.u. WOMEN'S HALF HOUR Charles

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O and CHILLAR V'S CORNER

O WEATHER FOATS AST and NEWS

Mr F STACLY LANIOTT Weekly To a Mr F STACEY LANOUT Wookly To an Sport. Local News
1 H. ANGLO HAWAILAN PLAYERS
OF ME N CORLON STEERAME, DAYE
SON TOY THE CORCIL WATTS,
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9 36 12 9. Frogramme S.B. from Limitar

5NO NEWCASTLE. 400 M.

a5-5.15 The Station Septet Rad, ye Hirch
(Soprago), North Bulls Women in
Greek Dramo (HL).

6.15-6.0. Children's CORNER
0.50-6.55.— Poulty Notes
7-0.—WEATHER FOLENAST and NEW Yor,
8-10. September Location

S.D. from London Mr. JOHN &t NMIR - Poorbals To L.

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RELESS PROGRAMME-SATURD 7th.)

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ABERDEEN. 2BD 495 M. 50 5.0,- The Wireless Trig. Mary Topp LITTLOREN & CORNELL Soups by

v. 15-0.30,-This Week's Interesting Anniversary (propered by John Species Kerkland). Solomn League and Covenint, sub-

Solomi League and Covering, sails seriosed March Let, 1638,

a,40 a,55. Mr. Wilman Henderson, Hoyal

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B. B. from Leaden.

Mr. A. T. LOYD (AMF): S.F. f. a. London

Two Soloists Orchestra.

NOINT DEAD VIDE SOFTIAL THORIES OF THE STATE OF THE WIRELESS ORCHESTRA.

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Minimal Equipment (Mora Nicht) (t) 7 90

B 2 Devonslate Cream and Cider Sanderson (1)

"Mendim' Ronoways" Erro Coutes

1. a 11.

Pros Pro 8. Ma * Bunne Blue Bonnets ". de l'ille

March and Water Street and I am a Tr s le n l s p q p Easthape Morten (5)

Profession of Inc. Oh. Suite C. Size Holp Sure to part F . 5 1,-Property of the property of th Elder Cunninglage, Current 0.20 12.0. Programme S.B. from Landon.

GLASGOW. to the transfer on "Batches, and How They All the Property of the Astronomy (W (4) 4 as a large security for a 0.40-0.50.—W. Kordey Habites. "Up the Dwins River." W. I F R FORELIST am N WS. M. J. A. LAND J. N. N. Cold- new, Finds in Life Local News.

Ballad Concert.

THE STATION ORCHESTRA-I Black A CALLEGA ASS.
ANY NA LIGHT Super-

1 40 00 Selection of Tooti's Popular Songs.

O Lovely Night **. Lundon Renald (6)

**Ro-e Rolly Mooning **. Spohr

*The Sweetest Flower that Hiews Hauten

"O Fair and Sweet and Holy Rabogaten

Soldiera' Sorge.

Soldier' Sorge.

"This See Foe" | Interior of the hour forms of Songe for the hour of Songe for the Songe for the hour of the songe for the hour of the hour

Amy Murdoch,

Wae's Me for Prince Charles ", TreshPrince Mer |

My |

Prince | |

Prince

and Water , Dance of the Stars ; Dance

A cure or against a mission was solution the states of its publishers will be found on page 60%

EVENTS OF THE WEEK.

SUNDAY March 1st. LONDON and 'SXX 30. St David's Day Programming S B to other Sistems. LONDON and SXX 90 De Groot and the Precaduly Orchestra. other Stanons BIRMING LAM, 3.0 Light Claracal

Programme BOURNEN-OUTH, 9.0 The J. H. Squire

Crieste Octet
MANCHESTER, 3.0.— Welsh Programme,
NF WCASTLE, 3.0. Philhurmone Concert, relayed from the Falses Theatre.

MONDAY, March 2nd.
BIRMINGEAM, 7.35. Music and Plays.
BOLENEMOUTH 7.35 England, Ire-land Scotland, and Wales
MANCHESTER, 7.35. Symphony Con-

ABERDEEN, 8.0 An Hour of Portry and Farry Music.
GLASGOW, 7.35.—" Jeams Descri" or "The Heart of Midlethian "(Sir Walter Scottl. BELFAST, 7.35. Songs and Folk Music

TUESDAY, March 3rd "5XX," 7.30. -Excepts from Shoke-

The Sea, '10.6. 'The Country'

WEDNESDAY, March 4th.
LONDON, 710. Lord RIDDELL on "Popularity and Posterity," S.B to all Stations.
LONDON and "SXX," 736. Sullivan

Programme.
BIRMINGHAM 7 30. A Jubilee Celebration and Builads.
BOURNEMOUTH, 7 30. Wanter Gardens

Executor CARDIFF, 7 30. Symphony Concert, relayed from Bristol Conductor EUGENE GOOSSENS, NEWCASTLE, 7 30 Selections from

Opera.
BELFAST, 7.30. -Symphony Concert

TRURSDAY, March 5th LONDON, 7.35.—Chamber MuncEvening, Rental of Sungs by JOhn COATES

S.B to other Stations.

MANCHESTER and '5XX," 8.50 The
HALLE ORCHESTRA, conducted by
HAMILTON HARLY Relayed from
the Free Trade Hall, Manchester,
NEWCASTLE, 7.35 "A Night in
Hawa."

Hawe ..."
GLASGOW 7.35 Border Scenes
BELFAST, 7.35. Musical Councily Night

FRIDAY, March 6th, LONDON and "5XX," 730 Italian

Night BOURNEMOUTH, 7.30.—British and Erench Music.
CARDIFF 7:30 "Voices from the Void"
MANC ht Str. 7:30 Concert relayed
from Housdawarth Ha'l

GI ArGOW 7 30 Eirthday Programme. S.B. to other Stanons

SATURDAY Morch 7th
LONDON and "SXX," 7.30. - Popular
Operatic Evening.
BirMinGHAM, 7.30. - The Opera
Faust Council
CARDILL, 7.30 Denoug Rouns the
World."
MANCLESTER, 7.30, "A Night to
Howen"

G. ASCOW and "SXX, 730 Ballad

Concert



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RELESS PROGRAMME—BELFAST

(March 1st to March 7tb.)

The letters 6,8 printed in Holles in these programmed signify a Simultenesses Broadcast from the stateous sometimes.

2BE 435 M.

SUNDAY. -ST DAVID'S DAY PROGRAMMS. 3 9 5.0, -S.B. from London. 5.0 9.30.—CHILDREN'S CORNER SB

AND HEAD TO SHEET OF A BE COMMENTED THE "BBE" CHAMBER QUARTET ERNEST A. A. STOKKLEY (First Violin).

**ALBERT FITZGERALD (Second Violin).

| ARRY LOWE (Viola).
| REALNALD BORSON (Long).
| THE STATION CHOIR.

Quartet No 2 in G. Op. 18 (First and Sec.) Mayeron !

Authors, " Make Me a Clean Heart"

A ldress. This Rev. J. G. PATON, M.A.,
B.D., M.C., of Malono Presbyterish

U.S. O. Strengt, and Strength of the Control of the

Quartet in A Milior, Op. 20 ... Schafters
On. WEATLER FORECAST and NEWS
N.B. From Landow. Lineal News.

4 10. The SHERRY 4 50. The SEET Quartet.

THEFFY CPYLT

TO GREEN AND COMMENT

TO THEFFE ROPPOSE SELVERS

S. R. From Lordy

Songs and Folk Music.

DAVID M ALPIN (Hass), THE STATION OF THE THE

1: Ho, My Not Brown Mouse are Makedon Laurent James Nowel and Course. Chanty, "What Shall We Do)

Chanty, "What Shall We Do?

David McAlpin and Make Charles,
Song (Biologue), "The Pote Couple."

orr, Cool Sharpe (11)

Come Unite Those, C. The

Pother Sands ", Tempest."

Full Fathers Five "| Parcell (1)

Orchestra

Come Unite Those, C. The

Pothers Sands ", Tempest."

Full Fathers Five "| Parcell (1)

Orchestra

Come Unite Those, C. Tangan

R. Tangan

A. L. Tempest. The Come Come Come.

4 Prince Orchestes. So to, ' The Village Green ' Elas Sprif (1)

Clinsty, "Sheusandoah" are R. R. Terry (3)
Hovid McAlpin and Male Chorus.

Madrigal, "April to in My Medicas" Page "

Sung, "The Green and Fishery "

ger, Carll Sharps (1)

ore, Cetil Sharps (11) Or hay (Set 11.) Hola (11)

Song, "Chesaposier and Sharmon " Fred Mackey and Cherna. Scar, "The Lover's Turks."

ore Coul Sharps (11)

Faso NeCallough and Ladies Clares. Materga, * Lady, See Ca. Livery Side * Moreovo (11)

Song, My Man John " ner (sed Shorpe (11) Orchestra.

" English Folk Serve Suite ""

Faughan W thomas (1)

9.30. -WEATHER FORECAST and NEWS.

S. S. fram Lo. dan Topical Talk. Local News.

Topical Talk Local remains of the Early Eachter "
Memories of the Early Eachter "
Henry Waltenne

Forlow the Force ... Hume Williams

TUESDAY.

4.0 1 in Gamertone Rouge 4.0 5.50.—Concert: The Station Orchestra, Decem Gibson (Solo Pianaforte), 5.30-0.15.—CHILDREN & CORNER, 7.0-11 0.—Programus S.B. fram Lunder,

WEDNESDAY.

20 Tor O-171 3.30 4.15.-CHILDREN'S CORNER O WEATHER FORM IST and NEWS Lord RIDDELA. S.B. from Landon.

Symphony Concert.

THE ALL STREET TOX

PRED HUOHES (Tenor).

Photo William Wi

Land Anna Dr. 1 (F- 6 B) Me tradicio Rimata Caglalli, E dout N. a. et al. N. a. em N. a. et al. N. a. em N. a. et al. em

Variations and Hondo for Extings and Horas

Conservation & B.
Fred Haging.
Constitution of Phane
"A Good Incaria" Fire

arr. H. Hughes

Fragment) Rhoda Cogh II.

Fantaine Improper Chapin Orobeston.

S.B. from Landon,

S.B. from Landon,

Royal Bartirulaned Society Talks S.B.

from I actor to X actor

Oronestes,

T. ja N " Horris Dance Tones" (Set L.) Hold (11)

O. Class doors.

10.30. - Close down.

THURSDAY.

4.0-5.0,—The "SHE" Quintet.
5.30-6.15.—CRILDREN'S CORNER.
12.5.5. T. K. of the Gale Corn. S. E. 7.0.—WEATHER FORECAST and NEWS. S.B. from London. Mr. ALLEN S. WALKER S.S. Num Louism Radio Society Tells. S B. Noin London.

Musical County Night
THE STATION ORCHESTRA
MARJORIE HOOTH (Controllo)
DENNIB NOBLE (Bartone)

Overlare, 'The Armanas'
Overlare, 'The Armanas'
Moneston and Tellus
Saite, Four Dences from "The Road Maid'
Th' ps

Demais Nobb

" Bachelor "Section of My Rout" ("tanha") S. Jimes
"The Starde of the Palm" Spiere
Orchestre.

Belection, "The Genden" Jours
Morry Month of May" German

"Morry Month of May" German

"That He The Messager

Monekfor On the Monekfor On the Monekfor On the Money of the Money of the Money Old Mo

FRIDAY.

11 12 1 ALTERNATION NEWS 10.0. Berlichte Programmo (Contamod)

SATURDAY.

40 5.0. The "SBE" Trip. E. J. Harris

7.0. WEATHER FOLECAS, of N W.S. & B. from London Mrs. ROONEY of Belfast. Local News Cherry Right

THE STATION | DOCTOR

R. M. KENT (Tenor),
GERALD MORRISON (Hamonst),
GEORGE DUNSEAUE (Solie a)
MAY PULLER (Kinglish Concerting)

March, "The ! Selection, Warled Into Happingers" 5

"By the Your Tao Kinne" H Bounton Power

"Here in the Quet Hiles" ... Gerald (George Dunseath and May Fusher

Uorald Mornson in Song and Sca-

Octabl Morrison in Song and fit y
Orchosten

"A Southern Wording ". A. J. Frace
0.30-12,0.—Fragramme S.B. from Lense

A outsider against a squeezed item destinates the name of its publisher. A last first of publishers will be found on page 48?

Learning Music by Radio.

A Love for the "Classics" Gained by Listening.

TWO years ugo I was a complete Philistine so for an mucho in concerned. Of good in- I knew very little indeed, and had I been invited to attend the finest concert in the world, it is more than I kely that I should have rought to find some excuse for refusing. My case was, I suppose typical of that of thousands open threesands of Englishmen, who, through fa thy well taught in other ways, have rever received any kind of musical education,

Some prople have an matinetive love of much which chaons them to appreciate the best though they may not fully comprehend it But in most of m, I imagine, the natural untrained in isical senso does not do much more then produce a liking for a well-marked melody such as is easily riemorized and can be whistled

Melody Before Harmony.

There must be few who do not enjoy hearing much classical process as the Schliers' Charus from Found, the Torresdor's Song from Curvess, and the Pilgin as Cherus from Tanakanser, and I think that the reason why these pieces make such a universal appeal is that each of them has a very obvious and easily-remembered meledy. Much the same may be said of Rachmaninoff's Prei de, Granie Solving's Song, Membelseobn's Songs Wilhout Woods, Rabeastein's Memby in F or many of the songs of Brahms. But it is not the harmouse that appeal to the man with no row at knowledge; it is purely and simply the at the that he remainders and enjoys, Most probably he likes precent of the kind mentuned largery because he can remember them. after he has heard them played.

To be able to hear and appreciate only the

our is rather like seeing sherely the strongly marked outlines of a pictore without perceiving anything of the fine lines, the shading, the ecdour, and the grouping which combine to

make up a thing of beaut

The eye is naturally a finer is tenment of perception than the car, conveying ideas more quickly and more clearly to the brain. The car requires a good deal of training to be arything like as efficient

For the Untrained Ear.

Until broadcasting began, the average mail probably heard very Little good manie indeed He did not go to concerts-the very thought of linving to sit through a pia viforte secital or oratorio voulo have made him shunder. The

masscal comedy, and the popular hand performances extered exactly for his lastes They gave burn past the unisit that has untroduced ege could understand, and he asked for nothing

W releas has worked, and is working the most amazing revolution in the musical tastes of the nation. It has brought good music into every In he an frequently broadcast have beloed the in the street to understand

Bored by the Spnate.

We were frankly bored not so very long ago by a some a. The bame meant ne hare at all to us, and the piece as played appeared to consist of three long spells of meaningers more distagnished from one another only in that time were faster or alower or softer or nessertion objects

The talks and explanations so adorrary given have served to show us a great search things. With their help, we have discovered that there as some meaning in the somata. above at, we have discovered that so far from being, as we amagined, utterly bereft of times good music is Iuli of them, and that they are for more pleasing than the catchy, obvious airs

that used to make the only musical appeal to

And there is a great deal more in it than this Even the most case-hardened Philistine, if his astens nightly to good maste brought in by his wireless set, comes to realize in time that he is enjoying the wonderful harmonies, the lights and shades, the subtle points of arrangement and design, and that he is getting something of the spirit of the masse

Arm-obsir Education

In a word, one receives with the help of the wireless set a mast all education in the essect and simplest way. You need not leave your own house, or even your own armeliant. You ed not dread having to set through something hat is far above your comprehension, for it you are bored, you can always switch off Possibly you do switch off frequently if you are a Philistine, in your early days as a listener. But you soon find that it is becoming less and less of an effort to beten to good musts. They comes the second stage when you discover that variant action by likely some "high brow" piece and from that point observe your progress is E. OR POYSTON

Later Broadcasting.

Extension of the Present Rota.

INDEXERS will be interested to know that LISTENERS will be interested to know that the man and on March 2. On the specific be present lateruphs houstleast in the lateruphs houstleast in the lateruphs have been selected. At 10.30 p.m. every station, except one, will make the following announcement

This station is now closing down until to morrow morning, but the matter will be doing an experimental transmission for the interest of those attacents wishing to carry out long-custance reception. Thinks so the eq. persison of local ama curs, a tuning note will be sent out for two parates in this listr in by 6 member of the Transporter and Reav Section of the Radio Seriety of Orest Britain, giving be exact wave-length on which the - station is transmitting. Experimenters are requested to tune in in this wave-length and, as far as possible,

the station taking late rate duty will send out a tuning note lasting for four mountes :contrast to the local tuning note of two number The station will then transmit ordinary itemfor the first ten intin its at over modulation for the next ten minutes at normal modulation and afterwards below normal modelation.

Postponement Unlikely.

It must, however, be pointed out that it may be necessary sometaines to continue the orangey programmes after 10.30 p.m., m which issue, the Lite rota will not be from 10.30 to 11 p.m., but a Il comagne half an hour after the last station of the Broadcasting Company has shut di-In the case of the ordinary programme lasting antil after 1130, the sate might transmission will be curtailed so as to end as undaught. In the event of the ordinary programme lasting until endright, the late transmission for the week wil, he cancelled. It is a likely that a postponement of the are rota will be a matter of

t qui at occurrence.

The Radia Times will give an indication on to the station taking tate rota duty has les escostation making the announcement above tioned. It is hoped by this means that experi mention and of serv interested to long distance reception will have an opportunity of sacreing

the quantum of their sets.

possible, this arrangement will every Monday, starting un March 2nd, and theret Station on the new rote will be Glasgow

"A Factor of Safety."

Getting the Best From Your Set.

M by having a set with "a factor of safety" I will try to illustrate what I wan by a few concrete examples. You go to a friend's honer and you are asked if you would ike to Laten to the wireless

headphonen; the valves are and the state of the state of few moments of knob twidding, sudderly a shreek, "weet, weet," The shreek genely fall-o until one just faintly hears distant . . .

Tonse House.

You thankfully go home to your at the clean, mover a note or a whistle or a period at the Savov Your set had a factor of safety he other had not

The same with that crystal set you well know. Is it not awful to set through those tense house, phones pressed to cars, singing a set of the far against the ranging set that will not play the cars, and send out the staff at decent attenuth? And it is all so unnecessary

It may be thought by some that I am trying hold up the transquission as perfect a condemn the receiver. On the contenty I amis not doing justice to the transmitter, over with the latter's manifold faults. I speak " only some sets, remember, not all, there ma be many thousand that are adequate eriteriors of judgment for the transmission.

Helpful Rinte.

Here is some general advice to those who are the owners of the first-mentioned sets. (a Let us take a circle of five nutles from a man-

station (Aberdeen, Belfast, Barmingham, Bourne, No extle), two notes from a relay station (Dus-. Ecoborgh, Rull, Leeds-Brodford, Laverpool Nothnyham, Plymouth, Shelfield, Stoke Frent. Swamseal, or 20 miles from the High Power station (Chelmsford)-orystal reception with a good outdoor agricl is splendid. Crystal reception with an indoor aerial may be good, but howeve of serspey senals hing up onyhow with, perhaps, a poor gas pape rather than water pape earth. For loud speaker results, I if no within a circle of five miles two valves air accessary one detector, and one note manufalle

Beware of Indoor Asnab. res from a relay or 100 miles from the High Power-crystal reception with a good outdoor nertal is adequate, but beware of indoa rais unless they can be made really good, not just a few yards of wire in a room. For load speaker results I advise a detector and two note maumhers, and a good outdoor normal.

(t) Finally, in a circle of 40 mucs from a main station, 12 nuies from a telay and 200 nules from the High Power Station, I thank that 2 miles is the limit of crystal reception from a main station; five miles from a relay station or liki miles from the High Power Station

Our size fica ion, then, for the above in prest, proced a valve. I should sek for one high frequency and the detector for these rune with a good outdoor aerial, and I should add two note mac affers for had speaker.

Ill the above mace sound very conservative many entiation deers may be using fewer valves, but to thuse who are upontosfied, I would say work to the abuve specifications, and you will preciste wondensting to its fell. Pur Tur-

Britain to India by Motor-Car.

A Record-Breaking Journey to the East. By Major FORBES LEITH.*

TEN months ago, I decided to make an attenuat to reach India by motor-car Accordance had proved their modify to get there had been projected already, but no effort had yet been made to bridge the distance by we

There were many objects to be attained First. I was considered that, if successful, it would prove the efficiency of firstish-made ones in a market that has been almost out releasing up a new route and means of commercial microurse in and between the contaction traversed, where mi ways are searce, or nor at tent. Thirdly, it would offer great scope for making a film of travel, which would be of great interest and also extremely valuable from

One Car all the Way.

an educational point of view,

After very careful consideration, I came to the conclusion that to attempt to carry the expedition through with one car only, would afferd us the greatest chance of success. This car must be light enough to be man-handled often, and yet powerful enough to carry a very heavy load and to chuck any gradient.

heavy load and to chuch any gradient.

Eventuary, a strongly built 14 h.p. car was chosen and, with the exception of being fitted with extra tankage, it was an ordinary standard.

mostel.

My companions were Mr. Allan Wros, of Leedy and Mr. Montague Redknap, of Londor the latter of whom was an expect kinematgrapher. Both had had some previous experience of the Tropics and were well fitted to stand the discomforts and hardships we had to autrepair

Our Lamited Outfit.

Our soute was planned by way of Paris, Monte Carlo. Genoa. Venuce, Trueste, Finne, Belgrade, Sofia, Adranopie, Constantinopie, Lend Alion. Korrinssar houla Adama, Alexandretts, Aleppo, Damoscur, Bagdad, Ramathu, Teheran, Ispahan, Shiraz, Kerman, Ban. Jondan, and Quet a

Spaces and extra film were dumped at Brigarde, Posstandroppe, Alexandretta, and Bugdad. Each of these places was manyhundred miles apart, and for the last 2,700 miles anward from Bogdad we had no dumpa. We carried an more spare parts with us that the average entertal would take with him at a trip to Land & Rud. Personal taggage had to be branted to an adowance of \$5 pounds per

man, and as this had to monde heavy ch has for Europe, and also a Tropical until fit as a matter of excreme difficulty to concentrate the a second with the point of the tropical control with tropical control with tropical control with tropical control with a matter of a ton, at mand a charter tone mands our total weight like two tons.

We feft London on April 29th, 1924, and arrived at Q totta " October 24th, a period of nearly as manche, out of which, however, we were running only minute as days.

We were delayed for mony reasons. Our dumps went astray; Redknap had three had attacks of mularia; Whos developed a bad faver in Teheran which was shagnosed as enteric after a delay of three weeks; also, we had frequently to slay for mays at a time in many places, to obtain interesting subjects for the film. By a through France and Italy and up to the Jugo Siar border the going was good, from there onward through Creatia, Siavonia, Serbin, Balgaria and Turkey in Europe it was terrible

These countries and been in a continual state of war since 1011, and from that time they have had no money available for cond-building, as every penny has been spent in repairing their radways and rained buildings. What were once fine metalled highways had been worn to nothing and even the foundations had dis-

appeared in most of them.

A King's Interest.

Between Belgrade and Constantinople we came nerose forty broken bridges over rivers and streams, which added greatly to our difficulties. For mose and miles on rather suk of each frontier we crossed in the Baikana, grass grow feet high on the disused roads, making it almost impressible to see the remains of the Laborty.

Whilst in Sofia, we were received by King Boris, of Bulgaria. He is a keen motorist, an all-round sportsman, and as popular with the Bulgarians as our own Prince is with us.

He took a great interest in the oar and our exaction, and supplied us with useful information of the control of the Backers. In Asia M are a read exists which was built by hexain a the Great, but it appeared to in that no effort had been made to repair it since he built it.

As we followed this road, it dissippeared for rules at a time about a condition may be imagined by the fact that our average speed was only of oiles per hour, for the whole of the twenty of a days we look to cross this country.

tron Aleppo to Damssons there is a caravan track which in the dry season is good. From there is flagilist the way by across the great by an desert, a distance of 542 miles, with only one well the whole way, and where one cannot see a solitory blade of grass. Before anying Damarous, we visited the ruins of Ranibels, the Renopoles of the Ancients, which is estimated in the fertile hills of Lebanon.

to Bagdad we moved sixty miles away to the rules of Banylon, the scene of the former creatness of Hamuzat a and Nebuchs inexts.

Photography Under Difficulties,

We also visited the turns of Ctesiphon, the Palace of the Parth an Kings, where the wonderful Arch of Chronoss still exists in a good state of preservation. It was here that General Townshead, with his depleted and discussriadien Division, fought a great outtle against a fresh and renfureed Turkish Army before returning on Kat el Amura

From Bagdad to the Persian Process of Khandan was still desert track for innethence to Teheran, the capital of Persia, were set hundred stiller of excellent metal road, passing through Kermanshah, Hamadan and

LEST IN

Hamadan is the anesent city of Eckhalowhere Xernes built his famous seven-walled Palace, and the rains of this can still be sent. In Teberan we were privileged to see the wonder ful Percock Throne which was taken by the Persans at the sack of Delin. It is land of some gold, and set with previous stones, which are reputed to be worth seven million pounds. Here we were obuged to all our photography under it strong escort, on account of the fact that a few weeks before our annual, Major Pubele, the American Canaid, was unrefered by the molwhilst taking photographs at a secred force of

Two Thousand Miles of Desert,

From here ouwarn for the last 2,000 m les we travelled niternately across desert, salt desert, and almost impossable mountain ranges,

When near Shirus, we passed the wonderful run of Persepolus, which the at several run. An examination of Their.

The last 1000 miles of our journey were heart breaking, said being our continuat bugbear. The extent of this trouble may be beiter realized by the fact that or one occasion when we covered a distance of six hundred yards, our spectrometer registered the miles.

registered 64 miles.

We covered a total distance of 6,527 mmeLevel miles of which were country as if to a
2,500 miles were absolute desert 300 miles were absolute desert 300 miles bottostless silver sand and
we bumped for 250 miles over the radway
alceness.

Our total hill for space parts was under three pounds, two pairs of brake-uning, one rather fabric disc for the un-

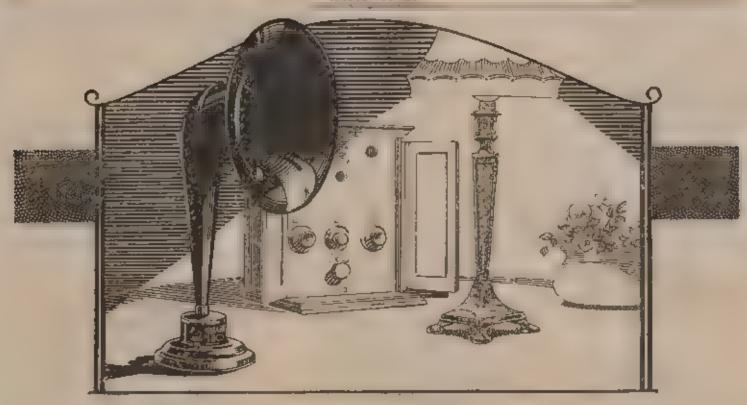
versal joint, and three apring haves being all that was used. We used only two sets of tyres on the whose journey, and had only two pince tures. The greatest lesson of the whole trap a the fact that with most erate expenditure motor transport on a comme cial basis could be made practicable in a few years, and would open to the translariares. the magnitode of while to beyond imagination,



Major Forbes Leith in the car which made the adventurous journey to Indea-

* In a 2 atk from London.





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ZDE 331 M. Week Beginning Sunday, March 1st SUNDAY, March 1st OHN MOCONNACH E, MA., of St. ohn's U.F. Charcin. 9.6. 10.30.—Programme S.B. from London. MONDAY, March 2nd. Hockseping as a Hobby." 2 35-9 36. Scotish Programme, Overture, "The Fair Maid of Perth." Overture, "Robert Bruce" 1 oft 3 toft. Overture, "A Night Wi Borna" Yoft (23 HENRY HOLLINGSWORTH (Solo Violat). KATE Y. HORSBURGH Measurements of Tord Merch of the Cameron Men " | Tord Ca toe Yawa to the Knowes " | (36) At Fond Kes Ac Fond Kess" arr. Burst For the Sake of Sumobody "1 ner. 400, 1 DITH CORMA, K. (Contraste). (a learn Tolar Andrews, My Ja ", Tradisional A. B. DUNCIAN (Baritone). 'My Name's Awa." Willies Gone to Melvalte, Withe a Gono to Meiville Castla? The Paper of Dundse "... The One Stop, "Savey Scotch Medley " (9) Walts, "Secrets" (19), Fox for Salaers "; One-stop, 'I'm Gonna Bring B. Walts, "All Alone " (7), Fox foot, "Irens Night (7); Eighteome Reel, 'Tayends Melodies 13th). THESDAY, March 3rd. TUESDAY, March 3rd. olivetra. 15 (1.) () ... (rive (4) 55 Mr. (1.) (1) for a (5) 70 Th.). Programme S.B. from Landon WEDNESDAY, March 4th 2.0-4.30.—Concert. Western Top 15-6.0.—Collect N'S (4): Mr it 0.40-0.55.—Loya' Brigodo Notes 7-0-10.30.—Programme S.B. from London 10.30-11 Q. Programme E.B. from Changos THURSDAY, March 5th. 3 36 4,30.—Kinnard Hah Picture He as Or \$ 20 5.0 | Resital of New (camaphone Records 5 15-60 mis Corner to the Later Congression & B. H. from 1900 FREDAY, March 6th 3 10 4 k Kansuard East Picture Flows Or 4.30-5.0.—Organ Recital

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7 9-10.30.—Programme S.B. from the accession Director's Talk at 10.0.)

SATURDAY, March 7th.
10 4.80.—Concort. Waman's T pace.
5 16-6.6.—CHILDRIN'S COLNER
7.0 12.0.—Programus S.B. from London.

Dundee Programme.

RADIO TIMES
Edinburgh Programme.
Week Beginning Sunday, March Ist.
SUNDAY March lat,
SUNDAY March lat.
Rev. T. RATCLIPFF BAUNKIT, of Green and F.F. Church, assisted by the Church, assisted by the
MONDAY, March 2nd
OU-WEATHER FORECAST and NEWS
Prof. J. E. G. DE MONTM. ELENCY. S. B. Jeon. London. Local Nova.
An Evening of Variety.
(Joka le Breton). Mes. Mina May A Mondily Norse, JAY KING
M. WINT H LEAT ARTICR NELSON
ST STEPHENS CHOIR, Conducted by DAVID BAYNE
DORA SWANSON (Contraine), F.C., The Chair.
The Charas of Buntmann " (Der Frei
Part Sung, "When Aften-a-Dalu Wen-
Magnon's Bong (" Magnon ") Thousa
to the first the way Let be the
8,25. George Johnstant.
Andante for Flute and Planeforte in C Major Op. 88 Mosta Butterfly Study, Op. 30 No. 4 . Koble
Two Part Song, ' Drake's Dram '
Lest Sora The M. Her's Woong
8-18. Done Swarson Frank Bridge The Research
The Earlingtress " to common Hatten (1
0.0. Groupe Johnstone Lattie Queen "
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Part Song, There e Nac Luck About the House"
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TWESDAY, March 3rd
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(Programme & B. from Landon (named in solution), prige 478.)

Hull Programme. 6KH 335 ML Week Beginning Sunday, March 1st SUNDAY, March 1st 7.0-10.30.—Programma E.B. from London. TUESDAY, March 3rd, and THURSDAY, March 8th. 3.9-4.30. Gramophone Records. 5.18-6.15. - CHILDRIN'S CONE 7-0-11.0. - Programme S. B. from Leads FRIDAY, March 6th.

A 430.7 Picture H. use.

1.5 WOVEN'S INTERIOR CORNER.
6.40-6.55.—Minutely of Agriculture's Fortunghtly Bulletin. S.B. from London

1.5 WE From. PERCY SC SCHOLES, S.B. from London. HERIALDE ELGARD (Soprano RC UTT TATCI CH (Bull an RE. WI D AND SEX LE THE COOLE OLFF SINCELS Hos a V. D. S. ho...

"Simple Simon" May "... Broth

Franking I Watch" Slear

Robert Entough. St. B. a. do Berete Late 1 of tanese For to

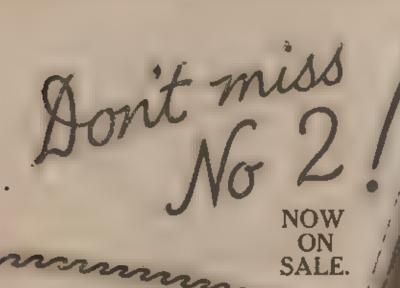
Tance Common Poems.

Moenriec, Winter Evening, Nectured

Jark Songs

Sea Changes; Headah, Hodah, Day 9 (0. Dr F Ta e Robert Entough Pretty Polly Oliver SATURDAY, March 7th. J.O. 3,35 LO-4 30. Gramophone Records. CHILL CAS CORNER AT PORTCAST and NIWS. N.R. from London
Rev J C. G. Funening, M.A. - "Bees in
Town" (Part 2). Local News.
7 30-12 0.—Programme B.B. from London.

200,000 Copies of No. 1 sold on day of publication!



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A CRYSTAL SET FOR MANY 'PHONES.

IOKING APART: TIPS FOR TYROS. By F. W. THOMAS

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AT 2, SAVOY HILL, W.C.2

A Page Contributed by the B.B.C.

KEEPING THE HOME FIRES BURNING. By E. V. KNOX ("Evec" of Punch).

MY FIVE-VALVE RECEIVER.

By a Boy of Fifteen,

WHAT I THINK OF BROADCAST TALKS. By J. C. STOBART, Director of Education, B.B.C.

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The Wireless Magazine

March Number Mon

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Leeds—Bradford Programme.

2LS 346 ML 310 ML Week Beginning Sunday, March Ist.

SUNDAY, March 1st

15 5.30. Programme 8.B from London

8 15 0.0. Sorving renovalities in the Cathedral.

Bradford. Adorese by the Ver The

ACON OF BRADEO di

8 B. from Lord

MONDAY, March 2nd

by L. Harvey Lagrance

TUESDAY, March 3rd

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7.0-11.6. Programme & B. from Lar

FRIDAY, March 8th.

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100 4.0.—A Task to Local 8 books
1.0. Signor Cal main and his Grahestra
1.0.15. -- CHL, DR N'S CORNE
0.15.0. -- Morso Practice by La Harcey
0.40 7.20. -- Programme 8 B, from 1 -1.0. -- Programme 8 B, from 2 -1.

Mrs. Thirties said on Wireless The Band

Lordento, Mose to the Play, " Men-a-

John Br dolan Bare
Group of West Riding Draket Verses.
Harry Harier
The Deathless Army Tracer (1)
Mona Machaec Croke
The Band
We z
Fox trot, "Sahara " Horaro Sahada (1)
Horry th
Song of the Volga Bratine thalian or Koncompun.
Remach

Respaces Two Board Cream Pictures The Pleaston Brigoide

" Guiety Echoes" are Dan Godfens

SATURDAY, March 7th.

1 30 = 30 4 crara planta Records

4 tan = 16 51

CHUDREN S CORNER 7.0 12 0. - Programme S.B from Lindon.



The real discoverer of Wireless waves.

T is a sad commentary of human nature that a man has to die before he can become famous.

It is no exception to find, therefore, that some of the most brilliant of scientists have died with their life work unrecogused except among their most intimate fellow workers. Such a man was Heinrich Hertz, who, with Clerk Maxwell, as far back as 1882, discovered that wireless waves could be transmitted through space.

And as it will be with the next generation. The astraorationry developments in valvo design, from the first simple two-electrode valve, which really demonstrated the practicabusty of valve reception, so the three-electrode valve of Lee de Facest have, more or less, been accepted as a matter of course. In fifty years three, however when television to general, a grateful world will look back upon those manufacturers that are spendthose manufacturers that are spending throughout of pounds in uncessing efforts to produce better end better values.

And so small share of praise will be due to the designers of the wonderful new Cosses Wuntell—

the Dull Emeter that definite y spells a new era for the broad-cast listener. Here is a valve which definitely for the first timo curren all the advantages of the standard Bright Emitter. In volume, senso treeness, freedom from distortion twences, freedom from distortion and microphonic natures, the Wuncell sets an entirely new standard of excellence. While for economy of current consumption and length of life this 2-volt Vulve is in a clately stack. At 16;- it is the cheapest British Doll Emitter Valve you can bay. You are saire to want in know more about it, so ask your Dealer for a tree copy of our large dilustrated. Wuncell Folder, or send us a positized. send us a positurd.

All Cossor Valves are now reduced in price.

Conjoi I a Hickory Store A 5



"HE "NEUTRON" Crystal was introduced to fill the need for a really good wireless crystal. It is the outcome of diligent experiment and tesearch, and owes its origin to the concerted efforts of a Chemist, a Metallinguit and an Electrical Engineer. The "NEUTRON" Crystal is produced on thoroughly scientific lines It consists, essentially, of a definite aggregation of certain metallic compounds which bestow upon "NEUTRON" a high degree of both chemical and physical stability—in addition to its superlative quality

The "NEUTRON" Crystal is, by virtue of its ments, "The WORLD'S GREATEST RADIO CRYSTAL."

The abundance of unsolicated testimonials received from satisfied users since its inception bears testimony to this claim, and thoroughly just fies the confidence placed in it.

Testimony.

I hought one of your Crystals here on Securday last and would like to tell an of my routin. Frankfort of Mons and a half rules off, on the Lond Speaker Range Parks and TXX loud on one pair of phones, and thill easily readable on five and Sunday morning I got the concert from Koemsawusterhausen on 2800 and the desert 2-3 W.E. time, Radio—Para. Monda, evening I to ten a Bournemoth, TXX. Redo-Para, some other stations which I did not wait to identify and finally I got Aberden perfectly clear.

I think for pure crystal recoption without any amplification this proceeds a record, the arrange in growing a ways carefully the franching with a move earther)

With hearty congraturations on the excellence of your fabre. H. H. M.

"As a nurchaser of one of your Notetion Crystals I have to constability and

"As a purchaser of one of your Neutron Crystals I have to congratulate you on the wonderful results I have not smed. Being a uner of a four-valve set. I occamon of the wonderful results I have not many charged and on trying a Neuman Crystal the results I obtained were marvellous, being able to receive Brussels (S. B. R.) and Radiola (S. F. R.) quite clear and distinct, and many other Continental status which I have not been able to identify, uning "Brussia A Type phones. Congratulating you on your wonderful discovery" R I T

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Liverpool Programme. 6LV 315 M. Week Beginning Sunday, March 1st-

at at the second of the second MONDAY, March 2nd 30 6.30. CHILI REN S CORNER 70 10.30. Programme & B from London. TUESDAY, March 3rd. 40 5.0.—The 'State Brighter Liverys 'Dagwe Bund, releven from the State

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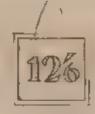
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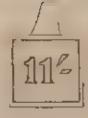
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SATURDAY, March 7th.

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10 a 3 CHILDREN'S CORNER 100 - Programme & B. Com Lorde







When bright filament valves cost 12/6 the Silver Clear Louden was put on the market at 10/-.

In the last four months it has more than trebled its sales.

New prices are now in force for valves, and once more the Silver Clear Louden maintains its lead. From February 23rd the price of the Louden Valve is reduced to 8/6.

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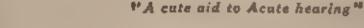
OWNG to the reduction on the price of BTH Headphones at. Radiola Receivers supplied complete with Headphones are any reduced in price

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VE have pleasure in announc-ing that, owing to increased sales and improved manufacturing facilities, the price of B.T.H. Headphones has been reduced to 20/-

Many constructional improvements have been introduced into the latest pattern, making it by far the most comfortable, sensitive and convenient instrument of its kind on the market.

Weight (mith & eds) only 9% one, No have edde ng p metimas he " ic iers" novemen of headwards. Can be a min a his or many management with head the man provide a of a An air ser ere estal a control ar To make in Sugar with the eval prominent.



Old Price . £1 + 5 + 0 NEW PRICE - £1.0.0 (per pair, 4000 ohms)

Adverdinger of The British Thomas-Houses Co., Lat.



Nottingham Programme.

223 M 5NG Week Beginning Sunday, March 1st

> SUNDAY, March 1st . .

MONDAY March 2nd.

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TLESDAY, March 3rd

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FEBRUAREN'S CURNET

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WEDNESDAY, March 4th

1.30 5.0. WOMEN'S CORNER

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1.30 5.0. WOMEN'S CORNER

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THURSDAY, Murch 5th.

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nty College n.C. 11 ADRIA SCORNED 6.0 6 15. Scouts Cuca 0.20-0.35.—Teens Corner-6.40 11-0.—Programme S.B. from London

FRIDAY, March 6th.
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1.30 4 30 Lyona' Cufe Goldest
1.30 5 0. WOMEN A TOPICS
1.13 0.0.—CH LORDN'S CORNER +26 0.35.— Teens Corner 0.40 | 30.— Programme S B Jame Land

Choic Songs and Instrumental Music.

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O. My Love & Last B Red. Rec. Rose Con wall (25)

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(Continued in column 1, page 475)

A BRITISH BATTLESHIP



Lond S, eak ig Telephone Apparatus can ifactored by THE HOUSE OF GRAHAM is used throughout the Britis i. Navy and adopted by many Foreign verpose its, as also by leading Shipping Companies in all quarters of the Globe

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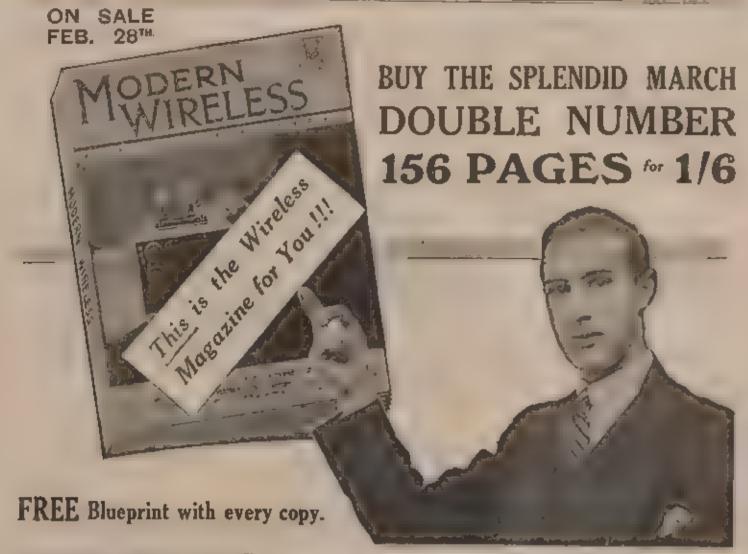
St Andrew's Works, Orofton Park, Lundon, S.E 4, twintonstrate as given during broad, arting hours a.:

Paramena — 25 di, danie Ros, W., Safardini Shadrodile e 24-43, Righ St., Chaphan, S.M. 4









A Selection from the Contents A SIMPLIFIED S-VALVE DUAL RECEIVER. Designed by John Scott-Targart, Final P. A.M.J.C.E.

A CABINET L-VALVE MEUTRODYNE RECEIVER (From Biamprint of this), By Purcy W Harris, Member I.R.E. .. VISIT TO THE EIFFEL TOWER STATION By Capt. L. F. Plugge, B.Sc

CHOKE AND TRANSFORMER AMPLIFIERS, By Cupt. H. J. Bound. MORE TRAP CINCUITS B John Scotts Impart. Clark.P., A.M.L.E.E.

By Arthur R. Buryons, Amintant Controller and Director of Programmes of the B.B.C.
FRAME AERIALS.
By A. D. Cowper, M.Sc.
BOW TO MAKE A NOVEL CRYSTAL RECEIVER.

By John Underdewn

A SHORT WAVE SINGLE VALVE SET. By Smaley G. Retles, Manher LR.E. A 1WO-VALVE 1RU-COIL RECEIVER.

By John W. Barber, A NEW FOLR-VALVE SET Ex A. J. Rancel.

And temerous other well-tilled stated articles of paternet.

Thu, our first DOUBLE NUMBER for 1925, is fully in he ping who the pilipy of Radio Props. Ltd., which is to be well up with the himes

Press. Ltd., which is to be well up with the limes and to keep its maders abreast of the advancements which are always taking place in this interesting, instruction and fascinating attention. This issue con a m no fees than 156 pages of out obstative and reliable articles appealing to a grade of enthusiasts. The great popularity of these Special Double Numbers of MIDERN WIRES ESS in proved by the act that they are invariously sold out interestality after publication. Some idea of the press acopy of this Double Number can be gained from the period list of contents given.

Two very lips stilled of 3-Valve Receivers with contributed by the Editor, John Scott Taggart, Filist P. AMJ F.F. and Ly Perceiv. Will arm. Member LR.E., while a Free Blueprint and full instructions for the building of the sat described by Mr. Harrh is enduded in every copy.

For the heacht of new readers, we would pure out that owing to the clear am concess methods amployed in describing and ithistrating as detail the construction of sois (every our of which is tested and generated by the Radio Press to be highly efficient), maders can be certain that provided they follow the mitructions covefully when building the set squeeze is majored. There are many other articles of interest, including the Radio Puzzles, which AR H. R. R. R. RROWS. Director of Pagrammes of the Radio Indicate a Companion with the which he has written for the Special Double Number.

CAPT H J ROUND, the famous expect of the Mateoni Company, and companion of the Syke Round Microphonic med to extensively in that a safe home case and transport of the Syke Round Microphonic med to extensively in that one of home case and transporters.

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ON SALE FEB. 28.

Plymouth Programme.

5PY 338 M. Week Beginning Sunday, March 1st.

SUNDAY, March 1st.

Hymn, "Jerusalem the Golden '(A and M.,

The Rev G B. HARDY A at

of St. Pater's Charel
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M. No. 4 7)

2.0 10 30.—Programme S.B. from Lon.

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THURSDAY, March 5th, and SATURDAY,
March 7th.

4.0-5.0. Albert Fullbreck and his Trio, relayed from the Boyal Herel.

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FRIDAY, March 8th.

3.30-40. Talk to Schools Mr. J. H.

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MUNDAY: "A Mystery of the Sea."

4.0-5.0.—Albert Fullbrook and his Trio,
B (-5.30) A 104 P. N. I. T. S.
6 a. 30 CHILDRON S CORNEA

6.1): "M. Manutry of Agriculture's Fact nightly Bulletin. S.H. from Landon.

7.0.—Whather Forth Aff and News.
S.B. from Landon.
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Buy Tre in a (Assumpanied by the Compuser.) Dr. SAMLEE, WEEKES: "My Persona, Recollections of Plymouth in the Late Forties (7).

(Contenued un column 2, page 475.)



T. M. C. No. 2n Headphones, 4,000 ohrus, 19/6



T. M. C. No. 2 Lightweight Hendphones, 4,000 phras, 22/6

stand, as shown. There is, however, 1 a mercase in the price. The resistance is 2 000 ohnis.

Finished outside in negger brown, with copper placed terminals, the "TrueMusic Minor" is one of the most pleasing and attractive on the market. The inside of the hors is of lacquered copper, giving a bright and theory effect—yet it does not need polishing

Ask to see the "True Music M nor" Loud Speaker at your favourite Wireless Shop.

The "Munor" reproduces all kinds of Broadcasting perfectly. It will a fell justice to the most claborate set, and wall get the best out of a small one.

All the family can enjoy Breadcasting for the cost of one pair of 'phones.

For "DX" working or orgetal sets, TMC. Head, hones are just what you want sensitive and clear land. They are comfortable to wear, and absolutely reliable Remember that all T M C, apparetus carrie a tweeve mouths' guarantee.

LOUD SPEAKERS-

TrueManC Mmor- - - £1 1 0 TrueMusiC Juntar- - - 2 10 O TrueMusiC Standard - - - 5 0 0 Tru-ManiC Concert Grand - 6 10 0

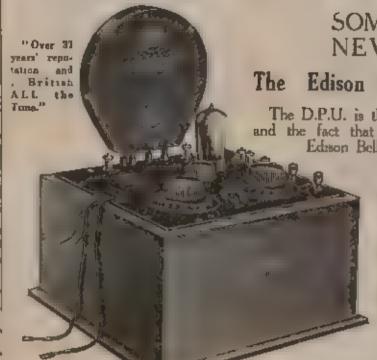
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The Telephone Manufacturing Co., Ltd. (Maker of the farmers Laryagephone Hollingsworth Works, West Dulwich, S.E.21.

E.P.S. 214

Edison Bell Radio



SOMETHING ENTIRELY NEW IN WIRELESS.

The Edison Bell DOUBLE PURPOSE UNIT.

The D.P.U. is the latest advance made in Radio manufacture, and the fact that behind it is the therty years' reputation of Edwon Bell will assure listeners-in that they can expect

The Edison Bell Double Purpose Unit, as its name indicates, has the twin aim of serving as (1) a Valve Detector and (2) Dual Amphier—and the interested experimenter will find even other ways of utilizing that name instances.

of utilising this new instrument.

The D.P.U., which is the result of long and patient research, must not be confounded with the many Straight Single Valve Sets now on the market. It is far superior to any of these where volume, range, and clarity of tone are concerned

SOLD BY THE LEADING DEALERS.

Catalogue No. R 184 Retail \$6 6s. (Marconi Licence 12/6).

EDISON BELL RECORD BY the

Vou have often beard the 200 M littery Band on your W release for now you have the apportunity of bearing the same emined instants abolitions in cooling the by Ban acoding, him on the granophone by corons of Winner Records Hiere specied reference in the withers of the on an and gramophone encharacies transfers in one and gramophone encharacies transfers in the winters of the one in the winters of the one in the winters of the one in the winters of other are hundress of other section in the Winner acts and the winters with the Winner acts in band song and dance is sauce on Winner Revolus.

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"2LO" Military Band

(Conducted by DAN GODFREY, Juny.)

4111 The Bull-Frog Patrol Descriptive Babillage Characteristic Piece

4112 Entry of the Gods into Valhalla (Parts 1 & 2) "Rhinegold" ... Wagner

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On Sale by the Leading Dealers. 2, 6, Double-sided.

MANUFACTURERS J. E. HOUGH, Ltd., EDISON BELL WORKS, LONDON, S.E.15.

Sheffield Programme. 6FL 301 M.

Week Beginning Sunday, March 1st.

SUNDAY, March 1st.

2 30 I a name S B from London
8 15 0 S. r. o conved from St. Paul's,
St. 65.

9.0 to 10.-Programme S B. from London.

MONDAY, March 2nd, to THURSDAY,
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and Not When I Am Dead Molbrooks (3)

Hobbrooks (5)

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SATURDAY, March 7th.

1 5 to Programmo S.H. from Manchester
WOMEN'S CORNER
TO THE CHILDREN'S CORNER
TO THE Programme & B. from London.



MULLARD D.F.A. VALVES give increased volume and clarity from your loud speaker.

Just take out your last L.F. stage valve, and insert a Mullard D.F.A. You will be delighted with the immediate increase in pure volume.

In addition to this marked advantage, Mullard D.F.A. Master Valves consume LESS current than your present valves, giving longer life to your accumulator.

Ask for the D.F.A.O if you 26/use a 4-volt accumulator each.

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Leaflet V.A.4 gives full technical information





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AN IDEAL INSTRUMENT.



Handsome in appearance, unrivalled for clarity and tonal qualities.

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

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120 ohms, 42/6. 2,000 ohms 44/-. 4.000 ohms, 45/-.

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specially suitable for the with crystal sets and for thinner in distant stations.

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of have tried several well-known few of the new A.J.S. 4-Valve Set on the ceivers but the new A.J.S. 4-Valve all the ceivers opinion beats anything on the in my opinion hight I picked up all the in my opinion hight I picked up all the in my opinion and three American in my Last night I picked up all the in my opinion beats and three American market. Stations and speaker strength stations at good loud speaker strength. Stations at good loud speaker trouble. Stations at good loud speaker trouble.



The special A.J.S. Volt Moter let into the face of every A.J.S. panel is

just one of several ex-

clusive A.J.S. features that a personal inspection of our Wireless Instruments will

Ask your Dealer to show you the full A.J.S. range, including the "Unit System" Cabinet, the

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

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THE A.J.S. PEDESTAL CABINET RECEIVER



A. J. STEVENS & CO. (1914), LTD. WIRELESS BRANCH. — WOLVERHAMPTON

122-124, CHARING CROSS ROAD, W.C.Z.

Stoke - on - Trent Programme.

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Week Beginning Sunday, March 1st.

SUNDAY, Murch let-

3. c.39. 1 . . months & B. from Landon

MONDAY, March 2nd, to WEDNESDAY, March 4th, and SATURDAY, March 1th.

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FRIDAY, March 6th

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ARTHUR MOLD (Tener).

The Band.

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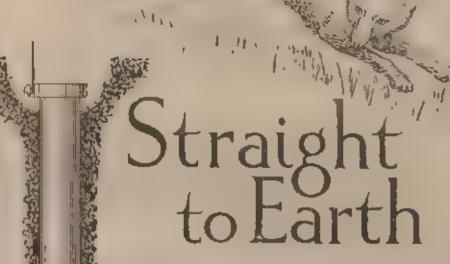
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"Yoicks! Tally Ho! Straight to Earth!"

First Fox has a regulation for agencity. He knew the important going "straight in earth" long before the spread of broadcasting give the phrase a new meaning. The defects of the roundaloud water-pipe of gas-tope earth are daily becoming more obvious. The verwhelming advantages of the shift straight earth connection now well known. The cry of the countrivade has become the logan of the well informed batenerim. "Yourks! Thay He! Straight to Earth!" But it must be straight to a Closest Earth. Don't drawn off the so at by offers of referior invitations. In the og the name Climax on the top of every genuine earth two

be CLIMAN COPPER EARTH as the best form of direct time of the performanced of the perf PRO

lf you are troubled with Weak signals, Intermettent inguals, Electric Main disturbances, Local set interference, Maddy reception,

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Price 5/-

The engineers success of the CHMAX RADIO EARTH, as governed to a flood of instances of doubtled efficiency. Protect you self-cook for the name Chmax on the cap.

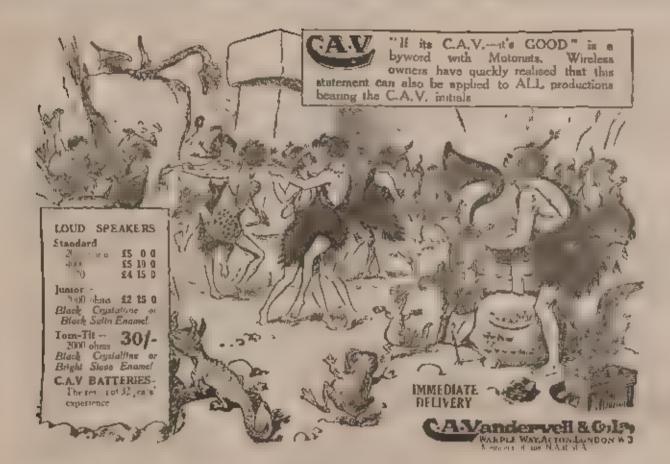


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Any radio dealer can supply. If difficul-ties are put to your way or rubstitutes offered you prease send your 5 - a. ect o as, and we will seem notice good the LL MAX and we will send on the good he UL N RADIO EARTH by return, post free,

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न्तरकारावार विकास विभागात विभाग सामान हो है। विकास सामान स्था है।

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

It is connected on one sade to say lampcaters of war-golds and on the other to the naters. It sharp the assume as the two sheet on literature to charmen or machine comparements to consider a purchased tracal and not a noth a night of machine of the times on a charm and up be let or at high.

Enquire at your local dealer one of a cory of new tolers to— The Project Thomson Houston Co. Ltd., Amada House, Newman Sireet Oxford on a W. 1



Charge your accumulator at home



Swansea Programme.

5SX 485 M

Week Beginning Sunday, March 1st.

SUNDAY, March 1st 8 15 10 .5. Programmes S B from L .

MONDAY, March 2nd 3 to 4 0 - Fine Carch Cinema Orchestra Missis, 1 rector Juck Arnold Research

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TUESDAY, March Ird. Carting and Signature

WEDNESDAY, March 4th. ## 4.5 The Castic Cinema Or lies (
6.0 5 18.—WOUNES TOPHS
6.15 8.0.—CHILDREN'S (CRN, II
7.1 10 30. Programme & H. from Card II

THURSDAY, March 5th

FRIDAY, March 6th.

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8 From London

1 O FRIDAY MARCH 6th.

Lucal New A Light Musical Programme. THE SWANSFA AMATEUR OFERATO.

Mosen, Director, J. W. BARLON Operatic Society West Country Lad ("Tom Jones 1

(Selent, S. C. ASELTON)
WAY DAVIES and JAMES JONES
Dear Love of Blast" ("Namechia")
to my Thomas (1)

P. B. F. g. to (More f. g. Lante")

Solosat MAHGARET CLARRE.)

1) I Born of Man of High Degreenby ")

A SALES D.

May Late to an Morgan, Vienna Lleyd, and Arthur Murades

Kos Swear to his Good and For Dorothy Trans. Collect VIDA 408 8.

Big Lady Moon Trans. Coleratge Taylor (1)

Opensie Sourch

Late Company Money.

(f out need in column 2, page 475)



Dimple Cheeks!

"HE kind of Headphones that children want are those that are light in weight, that fit closely to the ears, that have long cords to allow free movement, and, finally, that are really sensitive to the merest whisper,

But aren't these the chief qualifications of Headphones for grown-ups, too? If you have always felt that Headphones must necessarily be uncomfortable, heavy and clumsy, you have probably, never tried Brown Featherweights. Weighing only are ounces (including cords) they are a masterpiece of ingenuity. For sensitiveness and purity of tone they are unsurpassed-while it is well worth remembering that they are manufactured under the identical condition as the superb Brown Loud Speaker.

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HEADPHONES AND LOUD SPEAKERS PLANT. DECEMBER OF STREET ask John Henry!

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"Ideal" Pyramid"
ACCUMULATORS. H.T. BATTER

THE RESIDENCE OF SECULAR SECU

Model W 3 25 amps series, 12 dr. fr = h - n 25; dr. fr = h - 4; Model L 5 46 serge actual d 19 4 dr. fr = n 41

H.T. BATTERIES. LONG THE SHENT WORKING. CONG TIPE STEET WORKING.
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Prices Reduced Supremacy Maintained



We are pleased to inform you that the prices of Ericsson Headphones have been reduced as under. At the same time the well known supremacy of this headphone is being maintained.

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Back in 1909 the Admiralty adopted Ericsson British Telephones as Standard. In 197, in the gruelling tests of war, the R.A.F. did the same,

120 ohms 2,000 4,000

to the or apply to our agents for electrines on the con-



Edinburgh Programme.

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WEDNESDAY, March 4.6

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7 k to Schools: Mr. J. C. SM.f. I.

H.E., M.A. "Great Stories of the

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0.10 10.18.5-Mr J S. CHIS I M on F

Local New

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1 30-12 0. "THE HOMANY REVELLES a

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FRIDAY, March 6th,

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SATURDAY, March 7th 1 0-4.0. The Stat. I Tr 0 6.0. CHILDREN'S CORNEL 2 Programme S.E. From L. and

Nottingham Programme. (Lontained from page 1810.

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Swansea Programme.

(Continued from page 473.)

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1 Close doe o SATURDAY, March 7th

CHILDREN'S CORN R o Ob Prog. S. B frame

Of Interest to Every Mother

BRINGING

ROYAL BABIES.

At Home With Princets Mary: An Exclusive Description of Life in the Royal Nursery, by a Lady attached to the Court. SEE

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ACCUMULATORS RE-CHARGED FREE IN your own home! 20100 NEW ULINKIN IS ONLY 12/6 The entert of country on a country of a coun Which is expected up to be and additionally a server of the property of the pr ULINETH JUNIOR . WILLMAIN STANDARD BLINKER SONIOR SELECTION S SIMPLE TO FIX AND USS Saves to cost within a few weeks, yet leads a difection. Plustened Pomehlet and full tethniques sont free on freues CRAN GOLDMAN SERVICE Co. Chapt. Bac.
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Have you seen the M H film chowing at all London Cinemas

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PRODUCTS



We have Sets which Receive all British and Continental Broadcast Stations, and all Components Required for Home-Constructed Sets.

Call or write stat ng your re quirements. Futt details will be tent you.

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More about High Tension Batteries

By Frank Phillips, M.I.R.E., A.M.I.E.E., Chief Engineer of Burndept Ltd.

N the early autumn of last year, I was privileged to introduce to the public, a new high tension battery which I called the Burndept Super Radio Battery. I then said that High Tension Batteries gave more trouble in our sets than any other component, the reason being that the cells inside the average H.T. Battery were too small for present-day needs; most were designed during the war when light weight was more important than long life, and are not suitable for modern three- or four-valve broadcast sets, which are often used regularly for four or five hours a day. I made up my mind that my Company should sell one kind of H.T. Battery only, and that it must be so large and so well made that it would last for six months or so

Well, it seems that I was right; not only was the demand for the Burndept Super Radio Battery so unprecedented that we were unable to provide sufficient supplies, but others have done me the honour to follow my lead in providing large cell batteries! However, the Burndept Super Radio Battery was first in the field, and it will not be left behind: I will be quite frank in admitting that a small percentage of the batteries did not last as long as I had hoped, due partly to new types of valves drawing heavier currents from the battery than. I had expected, and partly to the enormous demand occasioning slight defects in perhaps a single cell, thus spoiling a whole battery.

Various improvements are now being made, all of which lead to the production of a still better battery, having a still longer life. For instance, the zinc containers of each cell used to be made with a soldered seam, and a soldered bottom; solder and zinc set up local action in the cell and so all points were covered with osokerite; that was excellent but it reduced the area of zinc so we have arranged to use seamless drawn zinc containers which should add another 25 per cent, or 30 per cent, to the life of the battery. Further, pin holes will be impossible and so each cell will remain completely water-tight and thus obviate internal leakage.

The Super Radio Battery is now so well-known that only a short description is necessary. The case is of very stout

and strong composition covered with special polished mahogany finished coating, with a lid to match. The weight is 121 lbs, and over all are 9½ x 9½ x 33 metes, and there is no external printing or marking. On removing the lid, the top of the battery is seen to be covered with a new hard insulating compound, dull red in appearance, perfectly smooth, practically unbreakable. Rising from this surface are five very strong brase contacts which are clearly marked — and 20, 45, 48, and 50 volts. The battery is intended to be used normally to give 45 volts. Which is the proper operating voltage for all High Frequency and Dotector Valves of the popular dull emitter type; it is intended that, as the battery ages and the voltage drops, it may be kept up to the full 45 volts by moving the connection successively to the 48 and 50 volt positions, in this way the battery will retain its full rated voltage of 45 volts until the very end of its life. When higher voltages are required for Power Valves, two or more batteries should be joined in series.

On account of the improvements made and the experience we have gamed, it is safe to say that the Burndept Super Radio Battery

will operate a four-valve set four hours a day for a good six months,

provided proper grid bias in used on the power valves; the estimate is quite conservative and should be largely exceeded, especially with smaller sets

Supplies are now ample and orders can be executed from



Purchase Burndept by its name - substitutes are not the same.

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THE ALL-SRITAIN SET.

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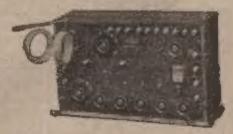
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