

THE OFFICIAL ORGAN OF THE B.B.C.

Vol. 3. No. 27.

Begintered at the Dr. as a Sucception.

EVERY FRIDAY.

Two Pence.

OFFICIAL PROGRAMMES

THE BRITISH BROADCASTING COMPANY.

For the Week Commencing
SUNDAY, MARCH 30th.

LONDON CARDIFF
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BIRMINGHAM MANCHESTER
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SPECIAL CONTENTS:

A DREAM OF THE FUTURE. By P. P. Echaraley.

FROM SEAMAN TO NOVELIST.
Joseph Coursel and His Work.

ABERDEEN CALLING! By Arthur R. Surrows.

OFFICIAL NEWS AND VIEWS.

THE STORY OF TOSTI'S "PARTED."

RATES OF SUBSCRIPTION to " The Radio Times" (including postage to any part of the world): Six Months, 6e, 0d.; Twelve Months, 13e, 6d.

The Miraculous Toy.

By J. C. W. Reith, Managing Director of the B.B.C.

SOME time ago in these columns I slinded to the possibility of an odd individual here and there pensisting in the belief that the earth was fast. I was only speaking hypothetically to illustrate some puint; but since then an acquaintance informs me that he actually knows a man of some education who still perseveres in asserting that it is so, and goes about seeking to convince others.

I appose it would be useless to point out to such a one the earth's shadow in culipses of the moon, and the disappearance of a ship's hull on the horizon before its funcel or masts. A fixed idea blinds a man to the obvious and scientific explanations of things he will not understand. Meanwhile, ships sail upside down in the Antipodes every hour, and astronomers encoded the motions of earth, sun and stars, unabashed by "list earth" theories.

New discoveries have been as a rule, received coldly, and often by the very people who night have been expected to be the first to welcome them. It was thus when Coperatous discovered that the earth went round the sun, and not vice verse. He paid for his discovery by being tortured on the ruck by the Education Authorities of his day.

Nowadays, if we wish to discourage inventors, it is recognized that brute force is no argument, and an we have other and presumably better ways of design it, namely, the ways of redictle and orgiest. When some people can no longer deny the existence of a newly-discovered force, they save their faces by waving it aside with a superior gesture. They call it a toy.

Some people called wireless telegraphy a toy. Some low still persist in calling broadcasting a toy. Now what is a toy? The dictionary says it is "a plaything for children," "a trifle." Well, if wireless served no other purpose than

to be a first-class plaything for children, I for one would hold that it had still a very great part to perform in moulding the life of the nation.

If some of its are to be honest, we must confess that a great interest in toys, mechanical toys, at any rate, is by no means confined to children. One recalls Funch's picture of the father engressed with the working of a toy train on the carpet, what time the young and temporarily disposeesed owners stand round to high a real. One also hears of her bring on private of their latest Mechano models by those this enough to mad the real thing. Also, we have heard that children are not the only ones who monopolize head-phones round about 5.30 p.sq.

The first preumatic tyre was a toy. I have been told that it was invented by Mr. J. B. Dunlop, because his heart was distressed at accing his young son being joiled about on his latest plaything, a solid-tyre cycle—for at that time, remember, the cycle was not a commercial proposition. The preumantic tyre has remained to revolutionize road traffic, in conjunction with the internal explosion engine,

Wireless telegraphy is not regarded as a toy to-day. It has saved too many lives at sea, and too many and valuable ships and eargues for that. The medium through which important news is borne day and night across continents and oceans, tracking the transgressor, warning of dangers, bringing relief to anxious hearts or assistance in affairs, is no toy.

And what of broadcasting, the adaptation and development of wireless telegraphy? Is this a toy? Yes, in the sense that it caters for the interests of hundreds of thousands of children at their most impressionable age. It is thus

(Continued operleaf in column : 3.)

A Song the War Made Famous.

The Story of Tosti's "Parted." By A. B. Cooper.

WAS spending an evening at the house of a famous tenor vocal at just before he went to serve with our Army in France—I suppose it would be in 1915—when he suddenly said. "Have you hard Tosti's 'Parted' ?" No." I replied. I know Tosti's Good-bye," as everybody does, but I did not know he had written a mong called 'Parted. " 'Neither did the quite results and my friend. "I'll sing it for you and you shall judge of its quality, and morvel how so fine a soon, although written many years ago, has been until recently so little heard of."

And, there and then, he mag to me those impassioned stanzar, so marvellously matched

by their musical setting !-

Dearest, our day is over, Ended the dream divine You must go back to your life,
I must go back to raine.
Back to the joyless duties,
Back to the faultess tears,
Laving and you divided,
All through the empty years,
How can I live without you? How can I let you go? I that you love so well dear, You that I worship so!

Dearest, the night is passing, Wancih the trambling moon Hark! how the wind at seth, Morn will be here so soon. Tell me again you love me, Kiss me on lips and brow, Love of my seed, I leve yeu, How can I leave you now? How can I hvs without you? How can I let you go? I that you love so well, dear, You that I worship'so!

Recently, I wrote to Mr. Fred Wentherly, who is the author of the words of some fifteen handred songs, asking him to tell me the story of this one, because so many people believed that behind it lay a real tragedy of passion and parting; and here is Mr. Weatherly a roply :-

An Old Romanca.

"Tell you the story of 'Parted' ! If you want to know when I wrote it, the answer is twent for coars ago. If you want to know of whom I wrote it—ah! that would indeed be telling ! But, and place matter of fact, I do not know, and therefore I cannot tell. The song, it arems to me, tells its own story. Is it not phyiona that the lovers are separated by fate, or circumstances, or a sense of duty? That they are passionately in love seems clear crough, and, as their story is now a quarter of a century old, it is quite certain that by this time they have realized their dream, or their fully.

Is it not enough that this song tells the story of a cituation in which thousands of men and women find thomselves ? Indeed, may not that tnet be one reason of the song's appeal? Testi never asked me whether the song was based on fact, or inquired the names of the protagonists, and I certainly never told him. Why should I? How could I? His eyes, and the music that came apontaneously when I read him the words, told me that the song had gore to his least of the same and the same land.

worth, tobi me that the only had gone to his heart, as it had come from mine, and that was joy for me, for he was a very dear friend."

Altered and Co., who poblish the contell me that the immouse popularity into which it sprang quite suddenly shows no sign of abstement, and that it almost equals in sales the same composer's "Good-bye Summer?"

That fall me that the consideration and he could They tell me, too, that it is equally used by men and women for all voices. "Parted" was

published first in 1903; but, exer at for the fact that it was a "Tosti" song, and therefore save to be noticed, it failed to achieve any wide popularity,

The eclipse lasted nearly a dozen years, and then came the War. Anyone can see that the words of this song, although open to special Interpretation, see suited to express the agony of any tragical parting, and the War was one long record of parings how often tragical t tremended orders for copies, chiefly from Australia, where it had been much song, and since then its fame has gone all over the world.

A Favourite of Reynlty.

Signor Testi was a great favourite of Queen Victoria and was frequently commanded to aing and play to Her Majesty, and her son, King Edward VII, bestowed upon him the K.C.V.O., although he was but a naturalized Englishman.

Tosti was born at Ortons al Marc, in the Abrurd, in 1316, commencing his musical studies at the Conservatoire at Apples. He gained the first prize for violen playing and became entitled to a free schelandop. He next atudied singing and harmony and began to compose songs, the earliest of which were "Non in ama plu "and "Lamento d' anser." These were refused by three Italian publishers, but eventually become Tosti's most popular works

It was in 1875 that Tosti came to London, and abnost immediately caught the public taste with his song, "For Ever and For Ever."

The Miraculous Toy.

(Continued from the previous page.)

fraught with unfold presabilities for good or ovil. But does it rest even at that ? Autolycum is copied by the crowd; is not this "trifle". agerly snapped up by many millions daily !

*

It brings maste and literature and the touch of human life into the drab existence of countless men and women, isolated by distances, or handle apped by age or infirmity. Its scope is continuelly being colarged, its interests increased. And even into the homes most favoured by circumstances it brings its supplementary quots of additional interests and delights. A journey through the country and a study of the class of houses with serials shows that broadcasting carries its benefits everywhere, and not only to those who lack opportunity or means of securing entertainment or enlightsoment through other channels.

It is so simple that a child can understand it and handle it, yet its influences are an com-plicated that it is giving the experts on these matters furiously to think, on problems both national and international,

Education Authorities to day are unlike those of the days of Copernicus. In many different parts of the country they are showing the greatest interest in the use of broadcasting in schools. The emment authorities, musical and otherwise, with whom we are now arranging short talks for reception in schools in particular, and for the usual periods in the evening programmes, do not by any meuns look on wireless as a toy.

Lyrics For Listeners.

Why Poetry Should be Broadcast.

AT first sight, it may appear pendoxical to place man's latest invention side by side with his oldest literary form and claim for them a close relationship. Nevertheless, on consideration, it will be evalent that broadcasting and epic poetry have a clease affinity than the dates of their origin would suggest.

Let us look for a moment at the mauner in which the broadcasting of literary work is conducted at present. At the "transmitter end of the process are voices, while at the other end the "receiver" speaks only to the enca-In fact, everything depends upon sound, as in music. Scenery is entirely about and can have no effect on the mind of the audience, except is so far as it is deser had "by the toice of the speaket.

Where Drame Fals.

What does this mean in terms of literature ? It means that lyric and epic poetry have a decided advantage over dramatic works when they are conveyed by wiceless. Dramatic work, especially modern work, which is close approxi-mation to "reality," demands precise location and "seenery." Every gesture of the actor is important in a good modern play, for the toric is strictly a resuded, and the epic and by rical give in of the Elizabethan advantable or lander of the Elizabethan playwrights, or largely employed to compensate for the scant array of scenic effects, are disaffound.

Hence, a " play " in this easie is shorn of helf its effectiveness when transmitted by wireless,

What, then, is to be done? For the present, the best course would appear to be the turning of ogradiention to the great epica. Here we find dramatic events carried not on a tremendous scale and, what is more important from the

broad asting point of view, skilfelly intermoven with wenic descriptions and the whole presented in well-chosen language fitted to suggest to the mind the seems and actions partrayed.

Thus, while the legitimate stage has gradually

eliminated poetic diction from its atmosphere, the " wireless theatre " must turn in the opposite direction and me every verbal device ever invented to convey imaginative conceptions to ite sudience. Words, and words alone, must do the work; though, of course suggestive mucio may be employed to consummate the effect. The important thing is that everything must be done by means of sounds and the more precise and suggest we those sounds are, the better,

Busis of Pulars Sucress.

Thus, we are brought to the conclusion that the technique of poetry, and especially of spic poetry, will form the basis of fixure success in oral "breadcasting" so far as literary work of an imaginative nature is concerned. Work originally intended for the stage for the eyes as well as for the cars - coast always be imperfectly rendered by the new instrument so long as it transmits cound without light.

There remain by way of compensation, how ever, the facer movements in time and space such as are not enjoyed to anything like the successful by the "legitimate" drama. A thousand years may be treated by a competent author nithout disturbing the showen, while he may maverse vast sweeps of earth, as does Milton, without stronging the listener's sense of unity.

What, therefore, are wanted are short spurs in which scene, character, and action on skil-fully introduced and described in the most wifeable words possible. R. R Hotes

Radio at Sea.

How Wireless Aids the Navigator.

PRIOR to the advent of wireless, the mariner relied principally upon the compass, sextant, chronometer, patent log, and the lead, or upon bearings from a visible point of land to determine his position.

With the exception of time signals (used to check the time rate of the chronometers), weather reports and storm warnings, wireless was of little use to the navigator until wireless direction finding came into use. However, these exceptions were, it must be admitted, of considerable importance, especially the former, for the chronometers are used to determine the ship's longitude. If they are not correct, or their error not determinable, the ship is likely to come to serious harm. A brief explanation will casily make this apparent.

Finding the Longitude.

The longitude is found by comparing the apparent time of the ship, determined by the san, with the time of the meridian of Greenwish, given by the chronometers. There is a definite relation between longitude and time; for instance, if a ship proceeds due east from the maridian of Greenwish till she is lifteen degrees east, the apparent time of the ship will be found to have advanced one hour. It is obvious, therefore, that if a ship can determine her apparent time, the navigator can, by comparing it with his chronometers (providing they be correct), determine the exact longitude.

Unfortunately, a chromometer is very sensitive to vibration or sudden changes in temperature—these undesirable conditions are met with perhaps more often in a ship than elsowhere; vibration is inevitable, and a change in the temperature of twenty-four degrees in forty-eight hours is not uncommon when coming from the tropics to solder regions.

Old Methods Supercaded.

If the error is but one second, it is sufficient to put the ship a quarter of a mile east or west of her proper course. If a wireless time signal is frequently available, any error in the chromometer rate will be noticed before it has attained serious proportions. The value of the time signal is unhanced, too, by the fact that it is obtained at a time when the vessel is at sea and the chromometers must hable to error. Other methods have been in use for years—such as a time ball, or the chromometers were taken ashore and kept under observation by an expert—but they were generally only operative when the ship was in port. These methods are not to be compared with wireless time signals, which have now become universal.

Reliable Tests.

Direction finding is of much more value to the navigator, and is becoming more general in the Navy, Air Service, and Mercantile Marine. Unfortunately, the latter often tooks upon innovations with distruct, and wireless has met with perhaps more than its fair share of criticism.

However, direction finding in the Morchant Service has made some progress; bearings can now be obtained from most coast stations, and quite a large number of ships are fitted with it. To appreciate how valuable this is it must be realized that if no bearing can be obtained from a point of land, or a sight from the san or stars, it is extremely difficult to determine the vessel a position.

After exhaustive tests, wireless bearings have been found to be very reliable.

Official News and Views.

Gossip About the B.B.C.

A VERY pleasant surprise awaited the Rev. William Evans, B.A., when he opened his letters the other day. He had been giving a religious address at the Cardiff Station, and was accompanied by a small party from his church choir (Richmond Road Congregational Church). The letter was from an appreciative listener at Aberdare, who mentioned that as a token of his gratitude he enclosed a postal order to be placed in the collection plate on the following Sunday! The Rev. William Evans is the well-known Welsh Bard "Wil Han."

A Distinguished Pianist.



HERE is a photograph of Mr. Herbert Yryer, who played during the Light Symphony Concert conducted by Mr. Percy Pitt at 2LO on the 23rd inst. Listeners will be glad to learn that he will be heard in the near future in two further concerts at the London Station.

Mr. Fryer studied at the Royal Academy of

Music under Oscar Beringer and, later, at the Royal College of Music, where he became the pupil of Frank William Taylor. Finally, he studied with Busani at Weimar, in Germany His first public recital was at the Steinway Hall at the age of twenty one, and since then he has had great success at all the London concert halis, both in his own recitals and with almost every well-known artist, including the great violinist, Kubelik, with whom he toured Great Britain and Switzerland.

Mr. Fryer has toured the whole world, giving recitals in Europe, Canada, United States and Cerlon. He is now at the Royal Academy of Music as a professor, and is well-known as an examiner. He has written and published many charming pieces and songs.

The Fourth Symphony Concert.

At the fourth Symphony Concert to be broadcast from Central Hall, Westminster, on Wednesday, April 9th, at 8 p.m., the Royal Albert Hall Orchestra will be conducted by Mr. Hamilton Harty. The programme will attract wide interest, and contains works by Berlioz, Purcell, Beethoven, Debassy, and Wagner. Mr. Norman Alla (Bass), of the Braish National Opera Company, will sing in the first half of the programme. They Yo Subterranean Winds, by Purcell, and in the second half of the programme, among other items, be will sing "Full Fathom Five," by Erig Fogg, and the "Ballad of Sommerwater," by Canham Feel. The proceeds of these popular concerts are devoted to the funds of St. Dunstan's.

" Olivel to Calvary."

A sacred Cantain entitled "Olivet to Calvary," by J. H. Maunder, is being rendered by the North United Free Church Choir and Orchestra at Newcastle, on April 6th. Two movements by Stanford's "Irish Symphony in F Muoz, the same composers "Sommes O'Brien" Overture, "Attila" Overture, "Serenade in G," and "Irish Rhapsody" (No. I in D Minor) are being played at the same station on Tuesday, April 8th.

Bournemouth's Pine Programme.

The Bournemouth Orchestra will play the first movement from Mendelssolin's "Trio to

D Minor" on Wednesday, April 9th. On Thursday, the 10th, the same Orchestra are playing Mendelssehn's "Octette for Strings," Op. 20. Elgar's "Seronade for String Orchestra," "Brahms Sextette." Op. 36, and Mozart o "Seronade for Strings No. 6." On Saturday, the 12th, the same Orchestra will play Laszt o "Hungarian Rhapsody," No. 2.

" The See in Music."

On Sunday, April 6th, the Cardiff Station Symphony Orchestra are giving a performance entitled "The Sea in Music." They are playing the "Hebrites" Overture by Mendelseahn, Symphony No. 2, "The Ocean" (one movement only), by Rubinstein, Rimsky Korsakov's "Tone Picture," "Sadko," and Tchaikovsky's Symphonic Picem, "The Tempest,"

Brahms at Manchester.

On Sunday afterzoon, April 6th, the Manchester Station are giving a Bruhms Concert. They are playing the "Tragic" Overture and No. 1 Symphony in C. In the evening Cesar Franck's Sonata for Violin and Piasoforte will be performed.

A Trio of Masterpioces.

The Station Orchestra at Birmingham will play on Sunday, April 6th, Weber's "Peter School!" Overture, Haydn's "Symphony No. 1 in C," and Coloridge Taylor's Suite "St. Agnes" Eve."

A Famous British Composer.

The "Hours With Living British Composers," which 2LO has been giving weekly for some time, has been groving to be very popular. On Thursday, April 18th, at 8.30, the music of Dr. Vaughan Williams will be broadcast as part of this series. He is in the front rank of British composers, and his Orchestral and Chamber Masic, Choral Works, and Part Songs are given at important concerts all over the works.

at important concerts all over the work!

Dr. Vaughan Williams' sclebrated Pastoral
Symphesy, played by the London Symphony Orchestra, was relayed recently from
the Southwark Cathedral. The programme or
April 10th will include his String Quartette
in G Minor, Song Cycle "On Wenlock Edge,
for Tenor and String Quartette and Piano, and
five Myetical Songs for Bactione, String
Quartette and Piano.

Glasgow Wireless Orchestra.

Those who can listen to Glasgow should not fail to hear the Glasgow Wireless Orchestra on Wednesday, the 2nd April. They are giving a Sympheny Concert to St. Andrew's Hall, Glasgow, in sid of the Lord Provost's Employment Fund and an excellent evening is promised: Brakms' Overture, "An Academia Festival," and Mendelasolin's Symphony No. 3 in A Minor, "The Scotteh," which, by the way, Mendelssohn himself stated was actually inspired by his visit to Scotland in 1820. The inspiration came on his first view of Holyrood: "A ruined chapel, the evening twilight on the brokes after, where Mary was crowned Queen of Scotland."

In addition Liszt's symphonic poem, "Let Preludes," and music by Tchaikovsky, Sibelius, and Järnfelt will be played by the Orchestes. The Conductor will be Mr. Herbert Carruthers, the Station Director, and Miss Carmon Hill will sing Purcell's "Dido's Lamont" and Elgar's "In Haven," both with orchestral secompani-

IMPORTANT TO READERS.

LETTERS FOR THE EDITOR should be oddressed to "The Radio Times," 8-11.
Southampton Street, Strand, W.G.2.

LETTERS FOR THE B.R.O. should be sen = 2, Savay Hill, W.U.2.

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

Technical inquiries dealing with the re-exption of brandoust telephony, such as the types of sale to be employed, etc., etc., should NOT be addressed to "The Bullo Times." Letters from Readers concerning the Programmes and their traumission are welcomed

Letters requiring an unswer MUST contain a clamped and addressed encelops.

ALTERATIONS TO PROGRAMMES, ETC.

As the kall times goes to prese many days in advance of the date of publication, it sometimes happens that the BaC, finds it recessary to make afterations or additions to programmes, after the Rapid Times has finally gone to prote.

THREE "NOWLERS."

If you have a bord in your receiver you may be estimated and interfering with thousands of people's To tell if you are allending, perform the following

operation:
Actor your tuning.
Actor your tuning.
If the NOTE of the hard years: as you very your If the NOVE to the seculiaries on purpose became you it is not cricket to weiffalte on purpose became you disapprove of a programme, on item, the B.E.C. or your adiphenese.

Your adiphenese may not agree with you.

Messre. George Newnes, Ltd., have now pre-pared a handsome case in red cloth with girt lettering for "The Radio Times," complete with eard down the back to leads a copy of this publication. A pencil is indispensable to the intense during the course of the programme, and this is included conveniently in a slat at the side. Listoners should order this to-day from any Newsagent. It is published at 2s. 6d., or send 4d. extra to cover postage for a case from the Publisher, 3-11, Southampton Street, Strand, London, W.C.2.

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A Shock For the Listener,

LONDON newspaper offered a prize for A the best listening story, and this was the winner: " An elderly lady who had always accorned brandensting was at last prevented upon to liston. Thuisdly she took up a single 'plane. 'I am thy father's ghest,' came a vice Hamlet was bong broadcast.
"She dropped the 'phone of horner."

Young England in the Programmes.

By Percy A. Scholes.

RCIST'S "THE FLANETS."

USTAV HOLST, dospite his foreign-looking GUSTAV HULST, doubled die One of his four great-grandfathers, with one of his four goost grandmothers, same to England hang ago, from the Battle provinces of Russia. His grand parents and parents lived in Cheltenham; there his father became well known as an erganist and planist, and there he himself was born.

After some boyish professional experience as a village organist, Holst came up to the Royal College of Mosic, where he studied composition, But he suffered from neutritie, plann and organ. and, on finishing his course as stuck at, could not see any prospect of making a living by the playing and teaching of keyboard matruments.

As a boy, he had done a little trombone playing, so he took up the instrument again, and joined the orehestra of the Carl Bosa Opera Company, and later the Scottish Orchestra-

An important event in his life was the turning from prehistral performance to educational work. He became head of the music department of Morley College in working men and women's institution on the south side of the Themea) and music master at the St. Paul's School for Girls, at Hanson rameth,

At both these institutions his teaching has been wonderfully inspiring, and when, at the request of the present writer, he went, during the war, first to Salonies and then to Constantinople to organize musical activities amongst the troops, he at once awoke amongst the men a spirit of outlineiasm that made possible all manner of wonderful work, such as the performance of a Byrd Mass, Madeigals, etc.

During his whole career Hulat has been composing actively. Recent compositions that have been the one act operar, Santri and The Perfect Fool (both have been broadcast, I think), the short choral crebe teal work. The Hymn of Jesus, and the great surte, The Planets.

The Planels more than any work has brought Holst the affection and admiration of concertgoers. It always attracts large audiences, and the recently traued Gramaphone Records of it (Columbia) will very widely. A monature orchestral acore is published (by Messa. Carwen, of 24, Berners Street, W.I. at 10s.).

The Planels consists of seven movements I MARS, THE BRINGER OF WAR. Stark brutality and the senselessness of arde.

H. VENUS, THE BRINGER OF PEACE. Sheer beauty rather than more peacewhich is, effer all, a purely negative

III. MERCURY, THE WINGED MESSEN-GER. Volatility-a rushing through

almost and never settling anywhere.

IV JUPITER, THE HRINGER OF JOL-LITY The justity that Ekza and meat con drink. In the middle, the dignity

of Jupiter, in a fine felt songish streen.
V. SATURN, THE BRINGER OF OLD
AGE. This begins in bleakings and ends in serenity

VI. URANUS, THE MAGICIAN. The oternal

VIL NEITUNE, THE MYSTIC. " The whole universe dissolving, and dissolving in auch beauty that we care not that we dissave with it." (A difficult piece to follow at a first imaring, but the ex-treme leveliness of the end should make an effect on the mind of every hearen)

The Soite The Planets is to be given from the MANCHESTER FREE TRADE HALL on Wednesday, April 2nd,

BLISS'S " CONVERSATIONS."

ARTHUR BLISS was born in London in 1891, and was educated at Rughy and Cambridge.

He is a very active and original type of

tellow, who goes his own way and composes in new styles to please bimself. And this vitality and this spirit of adventage have led Bir into coval enterprises.

As one feature of the general present-day musical trend, there is a considerable bady of experiment going on in all countries in the usa of simpler methods of composition. The new aim shows itself in an altempt to cost off what is felt to be the excessive "rumant - to of some of the nineteenth-century comprocess, in a tendency to avoid very lengthy "development" of musical thence, and in a preference for combinations of in the calls small enough to allow each individual instru-ment to make itself felt. Bills is one of the experimenters in these directions.

These Convergence, which take place amongshatiny group of instruments, illustrate the oftempt at a greater musical economy.

L THE COMMITTEE MEETING. (VIOLING. Viola, Cello, Flate, Obee.) The Violin, perhaps representing the Chairman, or perhaps some partitudious a ember) sticks to its point, and its point is expressed in a little three-lar Tene, over and over again.

II. IN THE WOOD, (Finite, Oboc, Violin, Viola, Cello.) An Idyll,
III. IN THE BALLROOM. (Boss Flute, Violin, Viola, Cello.) A dance feeling rules throughout, but the middle section by gentle.

IV. SOLILOQUY. (Cor Anglais aloue.) For the most part a peaceful little move-ment. The rhythm is very varied and

V. IN THE TUBE AT OXFORD CIRCUS, (Flute, Oboe, Violin, Viola, and Celle.) Very active and bustling, but with a tender spisodo in the middle.

Any keen beteners who wish to make closer acquaintance with these examples of the modern incluive rhythms and pungent harmonies may care to know that the score is published Curven, 6s, | and that Grame phone records are available (Columbia). Though never more than five instruments are employed together, there is a great deal more in these little pieces than

can be said at a first hear to.

Conversations in to be given from the
LONDON STATION on Menday, March 31st,

GIBBS' "THE BLUE PETER."

ARMSTRONG GIBBS was born at Chelons. ford in 1889. He is one of a group of undergraduates (Blus is another one) who found great musical inspirat on in the musical life of Cambridge in the years just before the war. composed the music to Maetorlenek's Betrothal, given at the Galety Theatre, London, and has written a large number of songe, a String Quartet, and other things.

Gibbs is on the staff of the Royal College of

Music, and The Blue Peter had its first perfore-

ance in the theatre there.

The liberate of The Blue Peter is by A. P. Hortert, of Peach. This opera is in the older-tashioned. "English Opera" style, and interspersed with set songs, dorts, etc. (in this way like The Beggar's Opera or a Gibert and Sullivan opera-not like "grand opera"). The plot need not be given here, as the words are likely to be charly heard. It is to be given from the LONDON STATION on Munday, Murch 31st.

PROGRAMMES-GOSSIP ABOUT THE PEOPLE IN

Why He Asked.



MISS DOROTHY tralto, who broadcasts from Bournomouth, relates an amusing story about a little boy who entered a grocer's shep

entered a grocer's step.

"If I buy a pound of
ten at 2s., 6d. a pound
of butter at 1s. 10d., a
pound of sugar at 6d.,
and a tin of contensed milk at 8d., how much change shall I get out of three half-crowns ?

he saked, tapping the counter with a coin. Two shillngs, my boy," answered the

Ob. thanks," said the boy, making for the

A Royelist's Test,

A LARGE number of old-time amateurs were pleased the other evening to hear again uncapectedly the value of one of the pioneers of radio telephony. Mr. William Lo Queux—brondessting from Bournemouth a chat on "How I Write my Novels."

Mr. Renh, the managing director of the B.L.C. and Mr. W. W. Burnham, another of the directors, were also there. The obief reason of the transmission during an interval was a test to Murren, in the Bernese Alps, where Mr. Le Queux has lately been making experiments in reception. The chat was heard very clearly at Mürren, and also in Spain and Morocco.

On Sk's to Broadcast.

MR. LE QUEUX is roturning to Switzerland at the end of the month to make experiments in brondeast reception from Bournersouth on the Eismeer, the glacier on the Jungfron, at an altitude of 13,000 feet. The transport of the set and serials presents a difficulty, especially as the snow is soft and about ten feet deep. The whole party will go on akis.

From Bass to Tener.



MIL SANES SEWALL,

IT must surely be an abuset unique experience to begin one's coreer as a bass singer and to change into a tenor; but such in the resend of Mr. James Newest, who is a favourite at Glasgow. At one time he sang bass in a church choir; but the conductor advised him to turn tenor, which he did, and a tenor he has remained ever since. Be-

sides a good deal of concert work, Mr. Newall has sung in oratories and operas, his greatest success in the latter direction having been his rendering of the part of "Canio" in Pagitorei.

The Difference.

MR NEWALL told me a good slory the other day. A schoolmaster was ex-plaining electricity and how lightning was a ferm at tt.

" Now, who can tell me the difference between them?" he asked.

A bright boy at the bottom of the class immediately put up his hand,
"You don't have to pay for lightning," he

A Singer of Wagner.

IT is not many English singers who could in Wagnerian roles but one of these is certainly Miss Gladys Palmer, who broadcasts from London. Apart from a few singing lessons in Paris, when she was a schoolgirl, Miss Palmer has been trained entirely in England.

She has had a good deal of stage experience at the "Old Vie," and ekewhere, and her excellent impresentation of Branguene in the Wagner Festival performance of Teistan and Isolde at once placed her in the front rank of operatio vocalists.

A Bright Idea.

MISS PALMER is fond of telling a story about the late Albert Garris, Some years ago, he was appearing in a north-country manufacturing town, and, being much troubled with asthma, he made frequent use of an inhaler during the interval.

A man in the concort half watched him with great interest, and some mystification; but after Mr. Garcia had sung belliantly some rather difficult music, his face lightened.

"I know what he was doing that for," be explained. "He was filling himself with air !"

Why Tenors Are Searce.



ME JOSEPH GIRES

A REMARKABLE A record is held by Mr. Joseph Green, the teror, who has sung at the Sheffield Relay Station. From the age of seven to nineteen and a half he sang treble continuously in one choir. There are very few choriaters who can sing treble when nearly twenty years old, and during his twelve and a half years in the choir

Mr. Green song soprano solos lu most of the standard eratories—songs that are usually sting by womani.

"We very seldom hear of boys doing this nowadays," said Mr. Green to me the other day. "I quote my own experience to show that, by careful training, boys' voices can be preserved for a very long time. Perhaps this may arcount for the shortege of tenors newedays," be added, "at boys' voices are so neglected that they break at an early age and lose their bigs puched quality."

" Jan Slower,"

MR. A. J. COLES, of Torquey, who for many years has delighted thousands of West Country readers with his Devon dialect stories in the character of "Jan Stewer," recently broadcast one of his own sketches, The Middletombe Electric Light Scheme, from Pourt-mouth.

He has also broadcast from London, and will be in the first programme to be given at the new Plymouth relay attion to-night, March

A Slow Process.

N connection with his visit to Bournemouth, Mr. Coles tells the following :-

"A day or two after, I was relating my adventures to the vicar of a small parish in

" And did you actually tell a story?" he asked.

""Oh, yea,' I replied. "I told the story of our Electric Light Scheme." ""Dear me, how interesting!" he said.

And when will that come through ? "

The good man evidently thought that wireless was a slow process.

Taking Him Down,



Mn. BAROLD BROWN.

MR. HAROLD BROWN, who sings at Manchester Station, relates a funny story about a conceited profitter who, in order to show off his newly acquired riches, invited formet days to dine with him at a swell West-end

"Order what you like, my boy," said the nearess riole, pun-

pously. "You'll get a dinner here such as you'd never get at home."
"In that case," replied the vocalist, quietly,

"I think I'll have sausages and mashed!"

Recognized Through Radio.

THE new Bishop of Winchester, Dr. Theo-dore Woods, had an interesting ex-perience when he arrived in the lake of Wight

A woman approached him and said: "As soon as I beard your voice, I knew that you were the Bishop, although I have never seen you before."

"How was that i' saked Dr. Woods.
"Oh," she replied, "I was listening when
you spoke at Bournemouth on the wireless."

She Meant Well.



Miss Drzest Prokust,

MISS BESSIE JEN-KINS, contralto, who breadcasts from who breadcasts from Aberdeen, has been con-gratulated many times by listeness quite mu-known to her, on her remarkably chear diction. Miss Jenkins relates a good story of an old woman at a concert who went up to one of the singers after it was all over and asid, "Thank you so much for your

song. It took me back to my childhood days and my father's farm, and while I listened to your voice, I seemed to hear the old gate creaking in the wind."

AR UNFAIR QUESTION,

ONE of the most unfair questions that one be put to a seleman in a shop which deals with wireless goods is: "Will you take me what the range of this set is ?"

The plain truth is that no one can predict with any kind of certainty what the range of a given receiving act will be when it is installed in the purchaser's home (says a writer in Modern Wireless). We can say that normally the range of an unadded crystal is about twentyfive miles. This means that it will receive broadcost transmissions up to this distance to ordinary circumstances, provided that serial and earth are good, that the insulation of the set is all that it should be, that there are no serious losses in inductances or condensers and that the telephones are of good average consi-

But notice in the last scatence the inclusion of the words "in ordinary circumstances." You may have acrial and earth, hashlittee, inductances, condensers and telephones that are beyond reproach, and yet fail to receive preperly at less than the prescribed twenty-five index.

nontentrouverne nathropione markalismostic ODIUMENIUMEN Reputation The Home Constructor's Wireless Guide. By W. James, "The Hope Medium Construction of Amateur Valve Stations. By Alen L. M. Douglas. Practical Wireless Sets for All-Hume Construction Made Easy. B. B. Brand and there's, and the north that the nor Wireless Telephony. A Simplified Explanation. By R. D. Brassy. Price 2 & not. 100 2 9. Mr. Brassy conserved to the many. Crystal Receivers for Broadcast Reception. explanation in nopular language The Radio Experimenter's Handbook, 1991 1 am 12. MILE From ALL Backsellers or direct from

The Wireless Press Ltd. 35.

12-13, Renyietta Street, London, W.C.

Aberdeen Calling!

By Arthur R. Burrows, Director of Programmes.

Mr. Burrows is making a series of visits to the areas served by the several B.B.C. Stations. He has arranged to give "The Radio Times" impressions of his tour.

MUST confess that my first expedition to this "Farthest North" amongst British broadcasting stations was made with something of the spirit of advanture. What dangers lay ahead? Had not many Englishmen gone north at various times in history to come back at the nouble—or in "solemn state"—to their final resting place? Was not every sore between Don and Tweed fertile with the bones of long-forgotten Southerners?

A Wonderful Scene.

The day was a grey one when I set out from Glasgow. Visions of anowdrifts, had and loc-bergs sprang up before me. Past Stirling (Shades of Bannockborn!) sped the train, whilst I endeavoured to steady my nerves with a plate of porridge. On the right, the Ochill Hills; on the left, several piaces I cannot spell; and then—Perth (pronumced something quite different).

As day wore on, the mist, which had made Glasgow a picture of mistry, lifted, revealing a cloudless sky, and, as the train broke through the cutting on to the cliffs at Stonehaven, there

burst into view some of the most delightful coastal scenary certainly from the point of view of coleaning that one could wish to see. Browns, purples, blacks and greens, thrown together, with highlights and shudows suchus one accasionally finds on an old nezkected palette.

With numeries of this scene slightly blurred by the adont of a fishglue factory, we steamed into Aberdeen.

The choice of this City for a broadcasting station has an instant appeal to those who visit it for the first time. Its apparent isolation, but absolute contact with all that is up-to-date, is most impressive.

The streets are filled with briskly moving, enertly dressed folk obviously full of the joy of living, whilst its University buildings and numerous schools indicate intellectual activity and give a size to the remarkable success which falls later to life to many who spend their early days am-cest the glistening grantse. Aberdson is soity in which broadcasting could not fail to make an appeal.

Gauging Public Taste.

The studio of 2BD is one of the most attractive in Great Britain. Centrally situated and favoured with the experience gained at other provincial stations, it is designed in a manner convenient for operation and equipped with the latest developments in broadcasting apparatus.

The staff, from Mr. Jeffrey (station director) to the junior office bay are "as keen as mustard," and, judging by their mailbag, have not been long in gauging the public taste and me ting local needs. These articles are not written as part of some claborate scheme of mutual admiration, far from it. They are intended to stimulate a healthy rivairy between the averal broadcasting services; but I think the everyone will agree with me that Aberdeen has been singularly successful during its short existence in "filling the bill."

The children, at any rate, think so, for in little over three manths over 1,000 have joined the

Radio Circle. 8,800 persons had taken licences in a city of 37,484 houses up to the end of 1923.

2BD may be 550 miles from London twelve and a half hours by express (as distant almost as Hamburg, Basks or Bordones), even nearest to Stavanger in Norway than to Birmingham, but it is never lacking in ideas or material. It may safely be said that there is no form of entertainment yet attempted by wireless in Britain that Aberdesu has not given to its listeners; there are certainly some forms that have been heard from 2BD and have yet to be tried elsewhere—amengat them, communal singing by 2,500 unrobearsed voices.

Listening to Sweden.

No British broadcasting station has a heavier mail from the Continent. Practically every post brings letters from Scandinovia. In Sweden 2BD appears to be more easily heard than the station at Stockholm, and for this reason, but particularly in acknowledgment of the appreciative letters constantly arriving from across the North Sea, the aunouncements at 2BD are operationally made in Norwegian and



ABERDEEN STUDIO.

Swedish, besides the language of the City. The vocabulary of the studio does not yet run to Danish. Reports on Aberdeen's programmes frequently arrive from mid-European cities, and they have even borns the postmark of Salonika. It was from Aberdeen but autumn that the Oxford Expedition to Spitsbergen derived much wireless entertainment.

Whilst heavy screening by hells seems to hinder the reception of 2BD in towns northward, such as Inverness, no such trouble appears to be noticeable in a southerly direction, except at relatively close quarters, like the shore at Stonehaven.

The trunk line used for simultaneous broadcasting from London and other stations passes through the Glasgow Stadio, and is liable at present to alight interruptions by induced noises from the heavy telegraphic traffic on the west coast route. Despite this fact, there have been many occasions when London pregrammes have been broadcast Farthest North with wonderful cleamess.

Abordeen, as I have already indicated, is always in the van of wireless development. It will give a world lead shortly by broadcasting from the most ancient building yet called upon to contribute to a wireless programme—the Cathedral of St. Machar, in Old Aberdeen—the remains of a magnificent adding commenced in the middle of the fourteenth century.

Radio Pioneers of Long Ago.

Stories of the Early Experimenters, By Reginald Pound.

IN the early years of Queen Victoria's reign, and at about the time that Charles Dickers was writing "David Copperfield," a number of men were groping blindly in the mista of accontille research, trying to father the secrets of the other.

One of these was James Bowman Lindeay, a weaver, who, without influence and by dint of sheer hard studying, won his way to a distinguished position among scientists of his day. What the world of our own time owes this selfeducated, many gifted Scotsman will now never be known. His researches and discoveries in the field of electrical experiment paved the way for much of the success that crowned the efforts of these who followed.

From England to France.

Another of these new-century pioneers was Professor Morse, to whose ingenious mind the ides of telegraphing without wires came as a result of certain experiments carried out by him in America. Then there was J. W. Wilkins, of London, one of the very first telegraph engineers, who prepounded a scheme for tele-graphing from England to France, and whose attention was directed to wireless telegraphy as the outcome of his work in connection with the London Gosport telegraph line, then the first of its kind in this country.

A year or two later, Sir W. O'Shanghuessy

Brooke, as he afterwards became, carried out experiments in India with the same remantie

end in view

A Momentons Discovery.

In this same tentatively fruitful decade momentous discovery that when he threw an electric spark, an inch long, on a wire circuit in a room at the top of his house, electrical action was remediately brought about in a smaller count in the cellar. There was no visible method of communicating between the two carcuits, and Henry, after exhaustively studying the matter, expressed the conviction that the spark set up action in the ether which passed through two thors and ceilings, each fourteen inches thick, and caused induction, as it is known, in the circuit below.

But we have to skip nearly another fifty years before happening on any really feasible application of this and kindred discoveries. practical period in wireless development did not, in fact, dawn until the 'nineties.

Telegraphing from Trains.

Research may be said to have begun in cornect in the 'eighties, when Prece, Trow-bridge, Heaviside, and Willoughby Smith, all of

them well-known experimenters, brought their keen minds to the consideration and clucidation of electrical phenomena. Etion joined the hand of investigators at about this same period, and applied his genius almost from the first to working out a system of telegraphie communication between trains in motion and the cistons through which they passed. His offorts met with success, and the system was put into operation in 1887, altimately to be abandoned because it supplied no real

Not must the name of Sir Oliver Lodge be omitted from the list of those who devoted their energies seriously to the problems involved; while yet another pioneer was Admiral Sir Henry Jackson, the value of whose services to the Navy in this special connection is realized

by very few people.

Up to the time in question, practically every one of the experiments in the so-called wireless. telegraphy of that period were based either on electrical conduction through the earth or through water, magnetic induction through the air, or a combination of both. These methods were each rendered negligible by the development of the Hertzian wave theory, propounded by the young German philosopher, Hertz, in, or about, 1886.

It was he who discovered that an electric spark, projected under certain conditions into space, ereates what is known as a wave. By means of a special device, known as a detectorthe term, like wave, is prominent in modern wireless phraseology—he was able to " pick up " the waves as they were created, and from his investigations sprang the great theory of com-munication through the ether, without wires, which in recent years has materialized in such a wonderful fashion.

A Scotch Prophet. But no mention of Hertz and his epochmaking researches would be complete or entirely just without reference to the work of James Clerk Maxwell, the Seots physicist, who first evulved the theories on which Hertz had founded his inquiries and experiments. Clerk Maxwell, whose life was almost as brief as, and no less distinguished than, that of Hertz, ranks as one of the greatest scientists since Newton. Without any incentive other than pure love of the work, he developed a range of theories on which has been built up most, if not all, of our presont moviedge of electrical waves and their potentialities. He it was who first perceived that electricity, like light, might travel through space, and, with astonishing prescience, he foretald nearly everything that we know to-day about the waves that earry men's voices from one end of the world to the other.

Hertz translated Clerk Maxwell's ideas into practice, but it is to the almost marvellous genius of the Scotaman, who read papers before learned societies while in his 'teens and otherwise displayed at an early age his remarkable gifts,

that we owe a debt too great to be measured.

With the coming of Scuatore Marconi, who first gave his mind and resources to the question of telegraphic communication by wireless in the early 'n metica, the dreams of these ragged and now mostly forgotten pioneers began to crystallize into plans of practical use.



Slightly Deaf Person: "Ah! Some blighter oscillating again!"

DON'T MISS-

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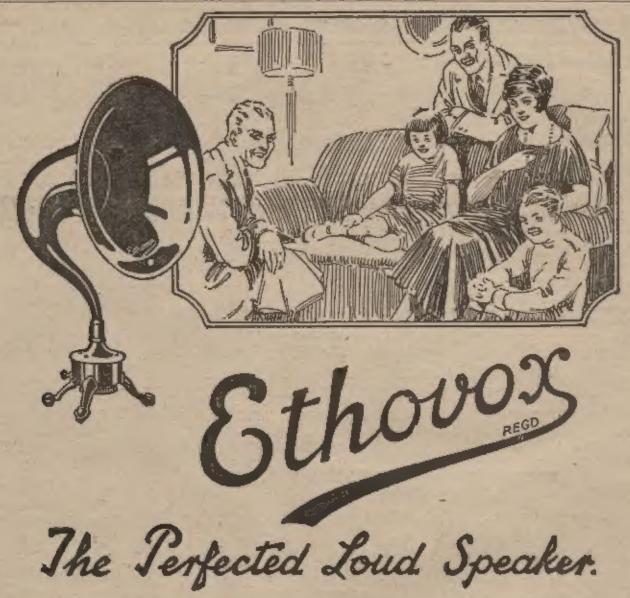
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TOTALS SARESE AND SOCIETY SAVICE	O Morrous Mose, logram Benning,	Azadunder: W. N. Saule,
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Coulds Forever	10.0 NIWE, S.F. trees London, Local News and Westber Personal. 10.15 Close down.	Burnet Monte, La Col
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WIRELESS PROGRAMME-MONDAY, March 31st.

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10. "SWAE" "FIXE O'CLOCKS" Foral and Joston mental Arthres. Talks to Womes. Worther Function.

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1. Local News and Weather Force

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Wood Harald Durbyshare.

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A mention agreem a mountain stem indicates the narray of its publisher. A key list of publishers will be found an page 6. A 144 - 214 -

THE WEEK. LVENTS OF

SINDAY, MARCH 19th.
LONDON, 2.A. Band of H.M. Reyal Air Fares,
BIRMING HAM, b.t. Religious Service relayed
from Sr Aspendent Clustels.
CARDIFF 8:30 Chamber Mean EveningHANCHESTER, 2.A. Symphony Commit, 460ducted by Perry Pitt.
MANCHESTER, 6.55.—The "Basse of the Basse"
Band.

MONDAY MARCH Xias,
LONDON, 2.30. Symmetons, Concert, conducted by
L. Stanton Jafferine
LONDON, S.C., "The Mine Peter," a Counter
Opera, S.D. to Manchesser and Aberdeen.
LONDON, A.C. Symmeton by the Peters Minester
and others on the occasion of the Contenury of
Breatock Carlogs. S.B. in all Stations.
BRN1(No,Ph/M 2.30. Static Outside Breatopee
Concert, relayed from he Taket [ad].
CLASC OW 8.30. Programma by The Claf Club,"
relayed from Edichurgh.

THESDAY APRIL Int
LONDON, 7-18. An Eventra of Plays produced by
Levis Casson. S.B. in other Stations.
ABERDEEN, 7-18. Classock Night

BUGGENGHAM 7 35. Classical Programme.

CARDIFF, I.M. The Magic Corpet: IV., Poland.
S.B. 68 London
MANCHES ER. L.M. Symphony Concept relayed
from the Free Trade Hall, candlected by Dan
Godfery his, including the Pisnets Halat,
and ROLMOUTH 8 & A Night of Managine.
GLASAGW 738. Symphony Contemp velyed from
51. Authors Hall, conducted by H. A. Carrinlers.

THURSDAY APRIL 3rd.
LONDON, 5 30. Quartete Cycle, "In a Persian Carden State Lebrason. Carden State Lebrason. Carden State Lebrason. Carden State Stat

FRIDAY APRR. 6h.

LONDON, 3.5. Sir Wallerd Davins : First Special Propragation of Schools.

BIRM NCHAM, 732. Old Firms Manie.

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BOLENEMOUTH, 6.0. Request Night.

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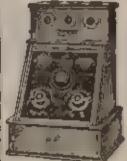
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AN EVENING OF PLAYS EW'S : ASSOM.

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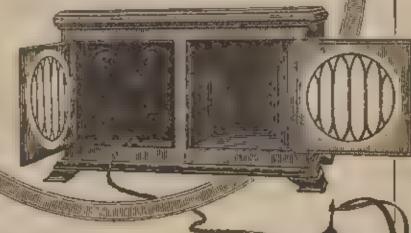
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So an out or decade to the annual annual	planes are in use at the various stations of the	A again to M. Choung
10 % of the same at the same a	B.B.C. 1	A number against a musical stem indicates the name of its publisher. A key list of publishers will be found on
Amounter Printy Edgar	<u> </u>	page C

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WIRELESS PROGRAMME-THURSDAY, April 3rd.

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6.45. Doe Scouts' and C. C. o. No. 3.	The Man Prince?	Part of the Arms of Photo Reserve
1 ' / n n n r n n n n n n n n n n n n n n n	tor Vieth and Planeteric in H Minor (Op. 95) Sign .	16.0. THE SAVOY BANDS. S.H. from Landon.
Radio Society Tall ——————————————————————————————————	tiliages, Resources, Abro, and pass.	Assessment Victor Sourthe
SPECIAL PROPERTY OF SPECIAL PROPERTY.	Songs (Doversonal). Love My Cod and He Loves Ma ** , Erneu Ballotă (**)	State of the American Company of the
7 10 NEST MANSELUS HAND BELL RINGERS	Me dearest Jenu, i Have Lost Then"	NEWCASTLE.
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b hr Av war at the first	I transfer to Solu	Jan S. S. 17
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u b .	Digir , , , , , , Endemanturff	9.9. Scholars Hall-Hours Mr. H. H. Klag, 7.56., on "The Origin of the Earth."
Penchang Metagement to Walter Copen Pency O'Noth'	Mehdis on Forms C'Etnile , Henry Maring	n.po, Boy Scouts' and Girl Guides Noon,
Peggy O'Moth" **Subtler's Joy" **And An Alberta' **AND TOWN (Some at the Planck)	Intermento en Octaves Lerchetich	8.45. —Farmets' Corner 7.8. NEWS. S.D. from Lossian.
	"The Robin " accessed for contraction Mand Wingste	PERCY SCHOLES, SB from London Radio Society Talk. S.D. from London.
P. Course Appeles " Indiana (2)	Let Us Leve" and a new anguing Sales Sales	Local News and Wed ber Potentie
* q g a star as colo it as the	Lestraine Lesty (2)	7.40. THE WIRELESS ORCHUSTRA Conductor, WILLIAM A. CRUSSES, Officiars, "Madamo Favert" - Officiars, Officiars, Sopreno,
A Distriction	V ma Solv	Soloction, "Madamo Favort" Offendach
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6.15 Selpolars' Hall-Konr J C B Carter, H.A., A.K.C.
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7.6.— NEWS, S.P form Landon
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RADIO TIMES WIRELESS PROGRAMME-FRIDAY, April 4th.

The letters "3.5." printed to Parits in these programmes nightly a Manufaraneous Broadcast from the station mus-LONDON. LB-T.D. Time Signal from Fig Ren Concert. The Wirniam Two and Pote. I peter Hellow). 2.0 * FFRRY WAI FURD DAVIES. Mon. Tot. L.D. Art of I care a Very an approximent to d or a splittering Controller). Have to broke Factors! "
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5.00 CRITORENS STORIES "The Little Eines," trum (semanth Hierarheld Stories, Songa by Rolled Lough, Thap 7 Part If by Robert S. ander lack From a Wireless Yann, 5.1 9 7 a

THE TIME SIGNAL FROM RIG BEN, and 1ST MANAGER NEWS IN LLETTER, S.D. on all Subleme.

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we at the bottom of the control of t Mar enet 10001 3 Admira Ch Mishay 4 tp 4, n 3

Cape FRANCIS D. SERIERSON "The Island of Smiles,"

The dampy to the second To Live in My Miniatograp is Author T ra. 3

"Betche the Cretan ... Flied

B.1. Mr. T.R.C. MACLA: AN of the Victoria and Albert.

 D1. TITLE SIGNAL PROW CREENAL H, and 2ND CENTRAL SEWS BULLPTIN SU in all Stations. Lock News and Weather Foreces

Three Movements Even Mellet Suite

1 time 2 times and 1 times and

10 No.—Chain down Amounteet R. F. Parmer

Z 56 W w view Orchesten, Director, Paul

6.0 W. MENN CORVER W M. Barnett B.A., Travel 5 %C 4

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No. 1 and a B. ATEINSON S.B. Press Fronties, Local News and W. ther Portical

Emercementalist Madrata of the Tester Period we a to a performed lines.
Moorigal Round Abret is a Fair Ring ** Round** - 3654
Matrigal. ** Sing We and abunt it ** Mories - 2 in
Song and Charus. ** If Loorie a Switch Francis ** Provide Macter at " No. Whe came there?" Marter - 1502

S.B. D. COR ON BARNSLEY President of Control of St. Et maio M v eno

Freis letten

Song and Church, "See, Even Night Herself in Here"

0 30 -NEWS E.B from London Local X as and Weather Personal. Figsbothen Supers.

Medrigal, "Toront America Depos" Prod-1989

Medrigal, "To Shorten Winter's Sailmes"

DAVID HANTLYON.

Deamatic Character Studies from the World of Charles
Thickens.

Associates H Leel Propose,

2.45. The Bey Got, Navier on " Worth and Strays." LO. THE ROY AL HATH BOTHL DANCE ORCHESTRA (Stores Director DAVID S LAFF), relayed from

545 KIDDIES HOUR

5.13 Schooles Had Bode Hales Fin, Watter Talk."

NO. NEWS. S.E. free Louise. 5 A. ATh NSull. 5.B. from London, Local Bows and Weather Function.

20' 5 O at

" Standard Hight,"

60 Lept W. A. PLATRERSPONE on Schumata's

RIS. THE WIRELESS AUGMENTED ORCHESTRAL Conductor Capt. W A PEAFMERSTONE. First and Second Movements, " Symptony in D Minor "

Revital of Sough from " Decidentiobe "...... Q.

Step of the Page Communication

John Leitneson.
Recital of Souge frame " Dichternete " (Contd.).

At the Co Person of Beauty of ?

9.50. NEWS. S.B from Lendon. Local News and Weather Persons

8.45. John Callingon Kerital of Stage Iron "Directralists" (Contd.).

fl S., Cerbestra Third and Fourth Movements, " Syrophony in D Mippe."

20.15. Hunda Tale, "A Love Franciscoment" specially translated from the Sandrit by S. M. Mara. M. R. A.S.

0 30 Community

According John R. R. mond.

CARDIFF.

a D. TOWNS TO PIVE OF TOOLS TO VOIS and

a THE ROLD OF THE "KIDDLEW PARK" o - NEWS. S.B from Landon.

C. A. ATRINSON. S.R from Landon. Local New and War in Treasure.

Popular Hight.
Vicalist SAM LUCAS (Bartime)
Linercane Commission JACK RICKARDS AND

Solo Pinnedorie . VERA Mrs. OMBE THOMAS 7.60. THE STATION ORCHESTRA.

Epty'acte, "Value do Sylphes" 7.45. Per Spirit of the Starm." Assessment J. Adams. b The Little Dutch Tile." Assessment J. Adams.

T & On the par Suite " Narweyman Science," 8.ML-"The Schadalmorgers"-- Jack Rickerds and Violet Storons will Linux also

8 "Commission from Selections " Domathy " 6.55. Five Sough trem "The Myrths of Liamances."
Southmist Freder ()

S.D. Planeforth Sole, Sama's in C. Major (Op. 831 Walqattan'i) D gram Suke Suke of Parions

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8-30. MEWS. S.R. Josep Liesfon. Long News and Westlier Fore and

Melbande in the Wood " Souther Souther

P. G. Sauce Maso.

1 15 Clear down.

Announcer A. M. Guidard,

MANCHESTER.

232-4.00. Contest M. Sheller (Soptimes), One the Waldria (Contralia M. Marriero Eccutemisti Evalua v & c. od L s o

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RM. -CHILDREN'S BOUR 7,0 5(EWS S.B from 1 makes

G A. ATE NSON. S B from Lundon. Local North as O'current owners

7 55- 7-tp.--Interval.

Popular Bonort. March "Tin Bonnfracter"

0.30 N 2.5 5.2 fm.m miles

Loral News and Work in Three ast

9.+5. Item and trin, "Lauri He Yaqu Aid" (" Irea ") Gound

10,10-W. F. MIETCHER, Sprobb Talk. 20.30. - Close down.

Amesincer Dan Godfrey, jun.

NEWGASTLE.

3.45 Fine et Flavente Fortis and William A. Cross G. sdorft Dorin), T. F. Arklem (Tehnig, Winnied t cooler Memo-Seprano).

4 G WOMEN'S HOUR

DIA: «THILDREN'S HOUR

6.9. Scholary Half Green Mr. W. C. F. Campaign, h.Sc.,

5.25. Farmers George Mr. R. W Wheklon on "Spring Cotts, Part 2.

TO N. W. S. I. from I ridge.

G & ATKINSON, S.D. from London.

Medical Camely Might.

The way for the Country State of the State State of the Country State

Exercipe from The course when Business

MARCARIT GLANVILLE AND HARRY PAST net. "A Storm in a Transpy"
RANALD GOOMLEY (Endersainer)
Neur and Horonal

* Den't Houg de Washing on the Acrist.*

True.

The First Forty Years are the Hanlest.*

Selection, "New Toy",

8.40. Star Frant Time in Count. Non the Selection, "Barring Butler . Bravites

8 .h. Mr ERIC RACLAGAN. S.R. from London. 9 30. - No. WS. S.H. from London Local News and Westber For met

9 44 The Youde Trin.

Warrant Manuall and Harry Fast.

Fr. Manual County

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Bigmesters and at 20 De des m Masse from " London Calling " . Count 10 36. - Cirre dores.

Announcer W # Shreen A norther against a mineral stem indicates the name of its publisher. A top list of publishers will be found up

Dream of the Future.

By P. P. Eckersley, Chief Engineer of the B.B.C.

A FTER a day of many doings, of placettor A here, exhortston there, with my mind ever sheed of achievement with dreams of what might be if only apparatus were available. I sank into a chair, and the fire sank low and tny head drooped back.

A Mysteriotes Stranger.

It seemed the same and yet different. There ere the remainlify charts, the valve life curves, the white, red and green tabe of the staff bear. , the ann atreamed in, and yet who was that aitting in my chair in my office? A rileo looking fellow, grey about the temples, tired looking, a little familiar and yet unreal.

"And what can I do for you?" he asked "You can just tell me who you ar

"I am the chief enumeer of this concern."
"It seems familiar," I replied, "I used to knowsomeone quite well who held the asme post,"

The B.B.I B.

"Tell me," I continued, "I suppose you look after British Broadcasting ?"

Oh, that died years ago. We are the British Branch of International Broadcost, Surely you have been away some time?"

'Tell me," I said, nodding assent, "where do your funds come from ?'

Licences, untirely licences. You see, anyone who have or makes a set sussember so much yearly; it is quite free, and, since things settle down, entirely separate. We budget for the year shead, and the International Committee fix the fee, Our expenses are certainly large, but so is our chentele. Then the educationalists subscribe pretty heavily, so school can possibly be without wireless now. I think there's sure to be a class on new in the great hall. Perhaps you'd care to hear ! '

Love to," I said, a little bewillered, "but show me some of the engineering arrangements."

Well, we'll have to run round in the car to the A station. As a matter of fact, the

Nows Bulletin's going on now."

A large car outside the door swept the chief

engineer and myself through the streets until we came to a beautiful building with two enormous masts and a mass of acrials swung between them

"This all yours ? " I said.

"Oh, yes, we built this some while back This is only an A. station. There is the enginer in charge, he'll take you over. I just want to run over to D. to look over our Parliamentary arrangements for to-night."

Seeing New York in London.

The engineer-in-charge awang open a door and revealed a beautiful hall with scatting accommodation for about 1,000. were programme girls flitting here and then it seemed not unlike a theatre, except for the drop scene, which was most vividly pointed, as I the , and represented a river, a landing r are, and a packet boat coming towards be

I winced suddenly for the atcamer hooted, and I realized the curious lapping sounds were the wares breaking beneath the piles of the familing-stage, which was actually our own stage. Furthermore, the packet boat moved stage. Furthermore, the packet boat moved towards in, and over the water came the sounds of a bond playing,

at in time for the first edition of our news," and the engineer, as the tog drow alongside. "You realize, of course, that that is a stereoscopic moving picture, the sounds being taken at the same time. This is actually happening in New York now, combining the einema, television and broadcosting.

I gasped horribly and grapped the rail, as in advance of the crowd a top-hatted gentleman raised his hat and began to speak,

"Don't want to listen to als K do ve--tsual platitudes. We've gone a lo with school, but politics and human nature seem much the sam

As he spoke there was a subdued aprear that burst out lowder as an attenuant, locking, 1 thought, a trifle seared, told my jaramers were at 1°

Vangu shing the Jammers.

The engineer in-charge sprang to a telephone, B deal to a

and then come back perfectly cleathe voice as clear as if I were on that lawling stage, saying something about a "Nover wall-I live or sun shros on earth. . . ."
"What was your trouble ?" I asked.

"Oh they're at it again \ '

much, and his opponents are triangulating arebine to jam him

Same old trouble, I thought, but saxed what

trianguating meant

"Oh, we receive now on interference bands from triangulating stations for long distance, overcomes the X., of course, and jamining, too. Arships can triangulate and produce jamming if they're clever, but we code against them."

Seemed very proplexing to me, so as usual when I don't understand, I nedded sogwy and

passed into the control room

There were, perhaps, tan girls working what appeared to be a talephane mechange. I was invited to listen, and picked up a pair of 'phones A voice with startling elearness was teiling me that the owner thunked his audience, was delighted with his exception, and then slowly the sound of what I supposed was the New York landing-stage faued

"I've been away some time," I said "What do people hear in their own homes ?

Lastening Stereoscopically. "Oh, what they can afford, of course. Some have attreomorpic picture and sound, some still only listen stereoscopically. I wouldn't mind betting some old-fashiened people are using multi-valve suts and loud speakers of the old type still. These, of onurse, are just the offices. Now come up to the main transmitter."

A lift, a hum of machinery, and, we were

there. Mon outside brass rails, shielding vast panels alive with meters and valves, walked up and down, eyes cocked to their charges.

" There are four main transmitters and their spaces ready in ours of breakdown," explained my guia

I sighed, and my guide, mistaking this for heredom, suggested we should find the chief.

We found him (I wish I knew who that law wask and I murmored my thanks.

'In D. stationall right," I and," for to night to

"Oh, yes, I expect so; not many breakdowns, anyway. Everything duplicated, of course, the television stuff is tricky, but we're learning more every day."

The Awaken ng.
As we passed the "Studio" I heard faintly through the blanketing of the doors and the noise of the crowd rising, a voice crying:

2LO will now be closing down until to

morrow. Good night everybody !"
2LO," I said, "2 LO. Well, that's not been changed."

Why should they change it ?" said my wife. Oh," I replied, keeping one dreway eye on the now familiar room, "I thought they might want to trianguiste it sterostropically. It's a beastly habit going to sleep before become but I wonder who that fellow was in my office - seemed fam har-

As my wife thought I was slightly mad, I have written down my dream to show her what I meant. B B C. PERSONALITIES

A. Corbett-Smith.

A London Appointment.

UNITE recently, the subject of the sketch was the Station Director at Cartiff. He is now on the headquarters staff in London, where his valuable knowledge and wide expenses will be welcomed in the difficult work

of programme development

Those who come in contact with him for the first time invariably receive the impression that they have met a man who knows his own mind, A better sequalitance with aim justifies such an impression, for Major A. Cerbett South has . on for all that he does. His training and his expenence has contributed in no small measure to the development of this characteristic, Educated at Winehester, and Christ Church, Oxford, of which University he is a Master of Arts, he was called to the Bor at the Midule l'emple in 1905.

Author and Traveller.

A widely travelled man, who has given pertry and snog recitals through Europe and the Far East, his observant in ad in these journeyings gradually stored up information enabling him to publish in 1912 the "Evolutions of Madern China," followed in the next year by the "Chineso and Their Music." and a further book on China came from his pen in 1922, with the publication of "China and Her Parelle Pile

During the War be served in the Royal Field Artickey, was twice wounded, and mouriened in despatches, and had much experience, later, with the Navy. After the Battle of the Aiena be was chosen to gave both minical and dramatic recitals to the troops, some hundreds of which were given to wounded comrade-

An Authority on Music.

Resides his interest in law, travel, and the writing of books, Major Corbett-Smith has published a number of musical works, mela ling two Suites for Orchestra, of Irodi Folk Melodier, three El zabethan Lymes for voice and or ness a, & concert everture, an opera to his own labrett , which was produced in 1923—chamber music, and some 160 songs published in a deficitive ration. This related does not cover the whole of his record, but it is sufficient to indicate the range of his interests, and the qualities and experience, which he has been enabled to bring to the service of broadcasting

Those who listened to his weekly Toke at the fur iff Station, when, as Mr. Everyman, be looked at the world, soon learned to appreciate the stimulating nature of his views.

Influencing Public Taxte.

He attempts always to bring to the service of lateners the best available talent for every type of programme, and it is admitted that as Director at Cardiff he aroused in many people ar interest in botter class music. His Shakeepearean evenings, too, were something which large numbers of listeners learned to look forward to, not only with interest, but with pressure, and his experience so a former director of Information of the British National Opera Company gave him a knowledge of singers valuable to him my his station work. His knowledge of opera is manifest in his authorship of the Ketronal Opera Handbooks, published in luzz. A pripular man in many circles of ale, the transfer of Major Corbett-Smith from Cardill to London will be a desappointment to many hateners, who have learned to regard him as an unknown yet personal friend. The audities, however, will have a wider scope, and the standles of his personality will not be lost to them.

Oxidiana between Newport (Man.) and Crumbia have been fitted with wireless receivers,

From Seaman to Novelist. JOSEPH CONRAD.

A Talk from Bournemouth, by J. C. B. Carter, B.A.

FEW weeks are there was a sale of modest of a book published only nate years ago fetched 21 900. This price was given, not for the copyright or anything of that sort, but simply for the MSS, of "Victory," by Joseph Conrol. Several other MSS, by him reached figures well over £1,000 at the present rate of each --

I su mucht think this morely a mad craze of as as part of Physics ea s me way or other, but andar prices are being obtained in London. Never, I should took, to be a language of the lifetune. They signify an author of extra ordinary interest and writing of extraordinary programmed arms a

The Call of the Sea.

Conrad was born in Pohind. Hes people were cultured hardowners. When he was five his father was bouished for taking part in an attempt to throw off the tyranny of Russis. Conrad. he has dropped has Polish name, a . n . n . . . of fifteen letters, difficult for An, b Sac. > pronounce-Courad hunself, after his mother's death in exile, was brought up by an uncle, and then went to school at Crarow until he was erx een. Daring these years, strange ambitions we starring the boy, ambitions unexplained by his nature or circumstances. It was not ar

Atthough he lived in an inland country there ence I ham, clear and invasient, the call of the Ses. Perhaps it was the inductive of Victor Hugo's 'Tolers of the Sea," which he sear when thirteen. More likely it was Desteny that had already singled how out as a great artist, and was starting him upon the path along which he seems always to have been urged by a stronger will than his

When first he expressed his longing he was to ked on as at the less than mad, but his true

relations perceived the depths of the boy's feelings, and opened is way for him to go to Masseilles, and there start his career Toexpressed, but equally stong in him, was another ambition.

His Love of English.

" Already the determined resolve that "if a seaman, then an English seamen' was formulated in my head, though, of course, in the Polish language. I dian t know six words of English

He embarked on his first ship when he was seventeen, and for twenty years the sea was he home. At first, he voyaged on French English Merchant Service was so great that he felt he must sow has wild note of scanshamp obsity and

After four years, he joined an English ship, learnt backs a rapidly, travelled the but to seas became a muster marines, and

was natural and. " My relation with the sea, which began mysterionaly, like ony great passion the assembable gods send to mortals, went on unreasoning and invinoible, surviving the test of distillision, defying the disen-chantment that lurks in every day of a strenuous life, went on full of love's deaght and love's anguish, facing them in open-

x tation without infferness and without | Conrad, they are as lovable rap ming from the first to the last,

For the first ten years of he sea life, Conrad wrote nothing but a few letters. Then came mpulse to set down the story of a man to in he had once delivered a puny in the Malay States the story of the trageds of a weak man married to a Malay girl, who gradually lost all as manhood, and became as degraded as the worst of the nat yes.

With all the lave of a mother for her first born, Conrad has told as how for years the showly growing MS of "Almayer's Folly" travelled with him. Its chapters are milestones of his own journeyings.

Twenty Pounds for a Novel.

In 1894, at the suggestion of John Galsworthy, whom he had met on one of his voyages, h offered it to a pussisher. It was accepted, and be was paid twenty pounds for it. Two months ogthis manuscript was bought for mearly \$1,2501

In all, Conrad has now well on twenty books. What he says of the "M reer of the Sea," which contains some of his finest prose, is true of all :-

"It is the best tribute my piety can offer to the ultimate shapers of my characters, convic tions, and it s sense, destiny, to the imperishable son, to the ships that are no more, and to the simple men who have had their day

This is the triulty to which he offers his devout and loving worship. Nowhere does this devotion find nobler expression than in the "Nigger of the Narcessea." It is the story of a ship's voyage from one port to the other, and how the hovering of weath over one of the grew affected them all. It has a description of a storm that is

simply terrifying.
Conrad save himself of the book that it " is the story by which, as a creative artist, I stand

Second only to the sea come the ships. To

as women, tender, gentle, capticious, aly, or even wroked, with alm at homan powers of under standing.

I the k I as olion odw squie awous seemed to have eyes, or clse I cannot understand on what grounds a thousand ion barque of Bly acquaratures on one particular occasion refused to answer her balm,



thereby saving a frightful amach to two ships, and to a very good man a reputation.

Lie's Perpetual Struggle.

Life, to Conrad, is a perpetual struggle against odds. The more one thinks about it, the worse it seems. Noblity lies in strugging for highly and courageously. This means that books are not cheerfur books, but they are magnificent. In the cleah of character and circumstance, you are carried away beyond time and apace and feel the tensity of the eternal drama of soul.

Take "Nostromo" se an example, a book which, to my mind, links Conrad's name with the great Victorian writers. Its scene is an imaginary city in South America whose prosperity is dependent on the sound administration of the San Thome silver mores which he inland. These mines are in the hands of an Englishman, Gould, who has helped to put an enlightened

man in the presidency
A rebellion breaks out, one of the chief objects of which is to seeze the mine. This attempt is thwarted by the devotion of an Italian captair

of the cargo men-Nostromo.

Characters That Leve.

This story is told with the considered judgment and cold criticium of a historian. But it is more than tais. The scene and characters in t is draina are as vivid and as real as our own town and sequentances. Every stick and stone of Solaco becomes familiar. Mr. and Mrs. terms. Nostromo, that grand old G. an my be nowe should know them als if we met them.

But it is not only the creation of a country as vival as the Wessex of Hardy, it is an epic poem of the teagle power of wealth. Just as the silvery white top of Mount Higgerota dominates Salace and its hav, so does the San Thomé silver mine deminate the lives of the inhabitants. It brings a tangle of jeakousy, treachery, suffering, fighting, death. Set against this was have the simple, unthinking devotion of Nostromo. Nostromo is no novelette bero. He is possessed by vanity and love of praise, but he embodies Courad's words tha

' Those who read me know my conviction that the world, the temporal world, rests on a few very simple ideas; so simple that they must be as old as the felia. It rests, notably among others, on the idea of Fidelity."



From Lumba Openson."

"I believe I've got America. I hear a persistent chewing sound."



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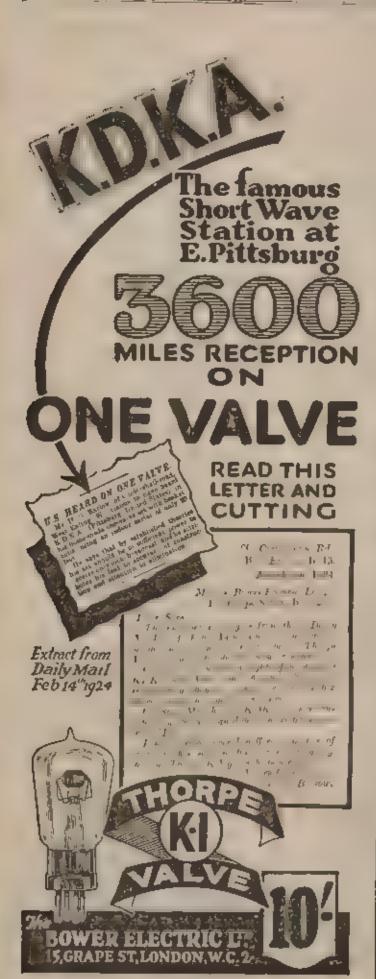
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TUESDAY	Boys' Brigarie News, wm. Capt H S. Yard, Convenes Audulation Committee,	8.10. WILLIAM STEWART, J.P., on " and 8.25. To F. Managered Shakle's Quarteries are for any
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We MAKE Send for CRYSTAL SETS, Camplete Wireless CRYSTAL VALVE Catalogoe SETS TWO VALVE SETS. Catalogue No. W4276 ONE AND PRICE TWO VALVE complete with card AMPLIFIERS. £3-15-0 PATENT "ONE MAN' TELESCOPIC MASTS, Etc. A COLD SPEAKER sworther is the name a selfert trade speak a time seen chekennen fall the trent of what of an oral flammer. At a projection we not a watcher at the time and a projection with the analysis of the time and other trades which the oral of the trades with the oral of the selfert of the self-of the selfert of the self-of the self-o Ask for Particulars. THE PERFECT SPEAKER AT THE POPULAR PRICE. THE CABLE ACCESSORIES Co., Ltd. TIPTON, STAFFS.

Do your shoes F

- I then your loss yet free play?-
- 2 Does the undest part of your shoe coincide with the wide part of your foot?
- 3. Does your shoolid close and sug-under and cround the arrhof the foot giving adequate support?

"New well were 90 to the influence the The lift the took of a pay to and committee where to the above questions are in the above to be received to the above of the committee of the above to the above the committee of the above to the above the committee of the above the committee of the above the above the committee of the above the a the negative. The resonns at that those the negative at the ne

Bakers stock shoes in from six to nine from action of the wide content widths in every size and helf-size freedom from future toos trouble or ill (instead of the aguel two or three both arrang from incipient foot solding).

All behavioled were stoped to confine 3000 (2), had before within Patrices will be presented to demons the little resolved continuous the schemes with the wear of the scheme tendence. I not so made to a give or as \$2.00 to the scheme control rate plane considered many many considered many many considered many many considered many the stoped to the scheme tendence to the scheme to be so the scheme tendence and considered many the following the scheme tendence to the scheme tendence tendence to the scheme tendence tendenc

BABERS, 309, OXFORD STREET, W.1.

Bobies, Ltd., Juney. (Opposite D. H. Eouns) Tel.: Magfait 1323

WIRELESS PROGRAMME-GLASGOW, March 30th to April 5th.

Energy N The letters 'S.S.' printed to Haller in these programmes signify a bimotineous Brandowt from the station map. From Conservation Landon

PERCY SCHOOLES. S.B. from Landon.

Radio Sectory Talk. S.B. from Landon.

Resident Humber.

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Duet. A section is Feature.

The Conservation of Particles of P Sp. THE CLVDEBANK BURGE RAND.

(Record Scribble Characters)

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5.00-4.00. An Hour of Maria by the Wireless Quartette and the control of the 5 m and the market for the first of the firs 70 N. 68. S.E. from Location 10. V. I.K. UL POOT, A.R.S.A., on 15. Lical News and Weather Forecast, for the ry Anneas of incremed), " Files & Son to a second de incrementa.

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as a second as a secon FRIDAY FRIDAY

8.0-3-30 Author's A feature floring.

8.30-4-30 Author's A feature floring.

8.30-4-30 Author's A feature floring.

4.45 A feature floring.

6.45 THE CRI DREVS CORNER = Ta Ta " will give abother French Take.

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OFFICIAL STATES

B.BO. NEWS AND WEATHER FORECAST, S.B. from
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3 A. Soprat S Ancient, To to Office Walk With God Const (14) An help to the property water With God "and notified and the property of the p SATURDAY.

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4 45.— TOPICE FOR WOMEN.

5.— THE CHARMEN'S CORNER,

4.0 Weather Forecast for Farsteen.

7 WILLIAM WALLAK E S.B. from London.

My WILLIAM WALLAK E S.B. from London.

Local News and Weather Forecast.

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7 30 FRANK — DANCE CREMESTRA

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For rit 1 And SATURDAY. MONDAY. Prefer for a 9.55.

1 section of These Superior Hills.

2 Superior Middught Grahem Peel 11

Almond, Wild Almond Cochestra.

10 30. Special Announcements. Close down.

Announcement Herbert A Carrothers. 7 40.

Our live, "Ruy Blace"
Selection, "La Bohrane"

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THURSDAY

5.50 | 150 | An Francis Anthony by the Wild at Quarter

4.5 | 1 PRES FOR WOMEN

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

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THE CHILDREN'S CORNER.

CONDUCTED BY UNCLE CARACTACUS

A Fairy Story and a Talk by Uncle Jack Frost.

HILLO, CHILDREN!

Many a time I've tried to write face,
but, somehow, farry thoughts don't,
me you know, to hard working Uneles—but
there are certain awast creatures in the work
as we it fairly things are more real than real
it is and I think Dawn is one of them. She
is only sixteen and a half years old, and she
tame to read her own story only a week or two
ago—and year well she did it. Here it is:—

THE S IN DOWN DANCE.

BY DAWN M RSEY

Dophne and her friend Dreda (Dreda heing short for Ethelreda, you know) have had lote of jolly walks together, but never a loveller one than this about which you are to near.

As they set out together one summer evening, hand-in hand, Dreda and to Daprine: "Do you are those little pieces of flaffy choid strewn about all over the sky? I believe they are fairly boate, with large white eals.

"Yes," and Daphne, "and in every one a fair; how mee it must be to sai, derosa the aky that that.

They were taking so builty that they did not notice which way they were going, but their feet had, very kindly, taken them into the old park. It was nearly time for the sun to go to bed, and only a few almost grown up sunbeams (who, of course, go to bed a little later than the boby until were at h dancing about on the green hills and in the tree tops.

Daphne and Preds hursed along to the top of the park, and flung themselves down quite out of hreath, on a seat which the park keeper had fixed around

the trunk of an angeneral case re"Just book at the fact wars, on I Taplene when her invarin had for more arm the ann has coloured all the sairs a cony pink. How pleased the fairles must be."
"Oh! Dapline, listen!" whapered Dreda

"Oh! Dophne, listen!" whospered Drede
"Do you hear the mude? It's I ke wee little
bells—all corts of tunes—it's getting lander
The children can quite still and rigid with
extenses.

The Pairy Ball.

The music grow looder and looder; then after a sudden pause, hundreds of little flute like instruments began to play all sorts of july tunes, which threaded in sud out like ribbons on a maypole, and seemed to say; "Come and dance, come and dance, dance

Then Daphne and Dreda fairly gasped with aneprise, for they naw that, right in front of them, a dance really was going on; a splendid fairly hall. The spiders had woven bandreds and thousands of little webs in between the grade blades, and on this soft alken carpet were crowds of fairles, dancing. They were so small, and they danced in and out, and round and round so fast, that the whole has looked rather like a soap bubble, all the laveliest colours you can think of, uningling and separating and mingling again, as the dances went on.

Presently, a facty came tripping across the alky carpet to where the children sat, "I

believe vou are the very first children to see our suit down ball," she cried, "although every fire last light, and make mune. Of ocurse, at sunset we start work again; tidying up the world for a new day, and very hard work it at too. Did you hear all those tunes we played just now t. That was another kind of important work. We were trying them, to see if they were soid, and when we have sorted them out we shall carry the best ones to the mone-makers all over the world. There would be no music no lovely pictures, no pockey, if we diffin t whasper does in the cars of the people who make them, I expect you will hear some of this munic again, when I has been written down and published.

when I has been written down and published.
"But see! The sum has gone, I must fly Good bye!"

FINDING THE CORRECT WAVE-LENGTH.

"Bobby," a pot chimpanzee, has been "smitten" with the wireless craze, and has his own wireless set.

Daylons and Dredn found that they were attemp on the seat under the old sak tree; and the constant on the seat under the old sak tree; and the constant of the park hands of the park of the par

A Dream Comes True.

Well - I - suppose it shows or a drawn, and Dreda slowly but all he same I is not a not configure to be a set where the sort and particles are not a set and as from their a sort given them by the largest?

Several days passed and Daphne and Dreds the not see each other. One fine Saturday merting, however, Dreds went to Daphne about and retired the statter of the letter hox her tissual signal. Daphne came rusing to the door with a short, and they were green; ach other when a merry rone called our

Bi Daphne, Dreds, come here and inten to this in The roles belonged to Daphne's Dadd he was a music maker, or, more convertly, a composer of music and he was going to play some music which he had just written.

The children harried exectedly into the music room, and sat down. With a word of greeting

the music man sorted his papers and begon to play. When they had heard the first page, Daphne and Dreds begon to feel very interested indeed. At the end of the second page that were both saying to themselvest "Why surely words, I have heard this before!" And when the misic man had reached the end of the fourth page, they turned and amilial very happly at each other.

They knew that what the farry had told them had not been a dream, but was really lene? for the music they were listening to now was some of that to which the farres had cancen at the sun-down ball in the park

NOW, you know poor old Uncle Jack Frost has had the measies. There he he , poor thing, ill, at this very moment, but his

talk about the Earth is very good.

Here tis —
A we calden. I want you all to imagine that the exher, or wireless wave. Irom the broad casting mation has passed along, the wireless farry riding on the wave touching your acrial and giving you hear In reality, the arrial is energized and the carta beneath the acriai is also exergized, the circuit between the two being completed by your acrial lead-in wire, both rutinual to the serial and earth to thinals of pour receiving instru-

A Little Experiment.
The receiving instrument itself contains a coil which is of such length and is composed of a certain thochiese of wire so that the whole of the orecut so former — which is railed the aerial circuit may oscillate in tune with the ose iletions of the presenting wiregess wave

Now that sounds very prefound, but it isn't really so. If you have
a pend lum swinging and you wish for a
second pendulum to swing at exactly the
same beat as the first pendulum, you will
have so to alter the length of the string
bouling the weight of the pendulum until
the second one can awarg at exactly the same
speed and with the same length of swing. You
just try to do that with two preces of lond tied
on to two precess of string, both-of equal lengths,
providing, of course, that the two precess of lead
are of the same weight. Set one of the pendulum
swinging and regulate the length of the string
of the other to the same length of swing.

We have to arrange the inductance and capacity of an aerial circuit in such a way that it will be in tune with the "swing" of the meeting wireless waves. To do this, we use, a addition to having a correct aeris, and a good earth, a variable inductance, which is the long, saminge-shaped coil which you have seen need, but it is not very easy to adjust the "tuning." as it is called, of this aerial circuit with just a variable industance, so that to obtain their tuning and greater accuracy of tuning, a variable condenser in generally used. This condenser assists in the regulating of the swing of your pendulum so that it will swing at the same length as the swing of the broadcasting statucts a pendulum.

(Continued on the facing page.)

The Children's Corner. (Continued from the facing page.)

SABO MAKES NEW FRIENDS, By E. W. Lewis.

THE monkey who had run out and started be test up the balloon in which Sabo bad made his long journey was followed by others; and soon there was nothing left of the

balloon except its ribs, which the mankeys carefully examined and then three away Eabo stood up and succeed, which rather frightened them. They can off with little cries, and sat on their hannches some distance sway But afterwards they became very good friends, and they all sat together on the shore in the warm san

One of the mankeys, who looked very old and very wise, fixed his eyes upon Sabo and made as and which might have been the word "Who?" and Sabo thought they wished to

know who he was. So he said, "I'm Sabo, and I come from a place where there are Indiana and guns and tomahawka, also pens and inkpots and paper-

The menkers looked at one another as much as to say, "What a wonderful erecture this is and, all apeaking together, they said "How be babo told them: "I came through the

air in that balloon which you have torn to pieces; and now I don't know how ever I shall get back again."

And all the monkeys senstehed their heads,

as much as to say that they didn't know either. When the day became very bot, they took Sabo into the forest; and they taught him how to run through the tree-tops swinging from branch to branch. It was a lovely game, and Sabu became rather proud of his skill at so that, when the monkeys were taking those afterneon alrep he thought he would go off by himself and explore.

He did not intend to go far; but it was so exciting, especially when the trees stood a little apart from each other, and he had to take a flying loap through the air, that he went on and on. And when he tried to get back to where the monkeys were, he lost his way.



"You're a cat, I suppose," he said; "but you're a mighty big one."

He shouted out as loud as he could, but he heard no friendly answer and no sound of rustling among the leaves to tell him that his friends were coming to find him. He climbed up to the top of a tree, in hope that he might be able to see blue water; but all round about him was a flat green ocean-trees, trees, and nothing but trees. Night was coming on.

Sabo determined to have another try to reach

his friends, and he went as fast as he could through the tree-tops, and came at last to an open space, with grass and little bushes. He dropped down from branch to branch through the tree, and came to the ground.

No sooner had he done so than he saw u atranga armsol that looked like a big cat. "Upon my word |" he said to himself, " that's a cat!"

But this forest est was a young leopard who was coming out to seek for his supper. When he saw Sabo he stood stock still beneath one of the little bushes, staring at him.

Sabo took a few steps nearer to him. "You're a cat, I suppose," he said, "but you're a might," " You're old one !

The loopard had worked his way closer to where Sabo was standing, and now he was flat on the ground, with his tail out behind him

and seemed to be shivering with excitement,
"I don't like you as much as Moppet," said

Then, all of a sudden, Sabo heard a rushing poise beams him and out of the corner of his eye saw a block shadow sweeping scross the open; and in a twulkling he was lifted off his fect. At the same nument he saw the leopard spring through the air, with a growl.

But by the time the leopard touched the ground again the old monkey had Sabo quite safe up in the tree.

"Where did you come from ?" said Sabo.
'You gave me quite a shock! I was having a talk to that out flown there. A fine cat I See! he's climbing up the tree!"

But the menkey did not want to see. He dragged Sabe along at a tremundous rate through the tree-tops, until they came to the

"You're not frightened of a cat, are you ?" said Sabo. But the old menkey said nothing. The sun went down. All was dark.

(Another Saba Story Next Week.)



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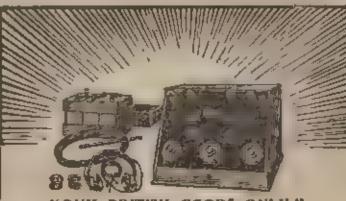
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Wireless Programme. Sheffield.

Week beginning March 30th, 1924.

SUNDAY, March 30th.

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MONDAY, March 31st.

TUESDAY, April 1st,

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THURSDAY, April 3rd.

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FRIDAY, April 4th.

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When All Was Young " (" Fitter)

"The Flower Song ' (" Faist ")

S PALING (Tener)

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Breade the Waft " ... Richard Majore (")

WIN FRED Wasser MS (Sule)

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"Setenada" Pierre Paraphrase on Paderevski's Monnet Kreisler

Paraphrase of Fatterways Maggar Taylor.

Maggar Taylor.

Selection from "The Merchant of Ventor" (by Request)
Sheltspanse Remark Steel.

"Henc Mr. Ve Winds and Vroves" Wassid (1)
A Warwandshire Washe
Matte Traffic V
My Aid Fell ". Laurie G. Lenen (1)
The Pipes of Pan" Laurie Maarkins

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I Was in the Thick of the Tight Rets. Messessey 13) a Chiefe lighting

SATURDAY, April 5th.

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Wireless Programme. Plymouth.

Week beginning March 30th, 1924.

SUNDAY, March 30th.

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MONDAY, March 31st

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TUESDAY, April let.

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WEDNESDAY, April 2nd

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Local Concert.

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ROLLARD (Barnone), FLORENCE HONTEN
(Suprane), HI, DA BARFR (Canando),
HI, THE ROSAL CAPE TRIO.

111. AND KEN AL CAPE TRIO.

VIDINE CEILO AND PROOF.

1 STR THOMAS FOLLAND. 5.2 from London.

3 NEWS. 5.17 from London.

LINEAR SEES AND WEATHER FORWARD. S.H. from London.

THURSDAY, April 3rd.

SAMOUTH CHAIRTING CORSER . 1 9. The cultre Pengrautas S.H. from London,

FRIDAY, April 4th.

0.4 PLAMOUTH CHILD KEN'S CORNER.

0.40 The ordine Programme S.D. from Landon.

SATURDAY, April 5th.

5 30. C.S. PLYMOLTH CHILD ENS COUNTR 0-11-0. The cause Propagate S.B. from Conduc. Aumoutrees C. S. Goode

A autober against a mancal stem indicates the name of its publisher. A key list of publishers will be found as page 5.

Radio on the Alps.

Mountaineers Who Broadcast for Help.

THE employment of wireless for life-mying purposes has been demonstrated in many ways. The latest use to which it has been put in this direction is in saving life on the Swise Mountains.

Quick to realise the possibilities of radio, the Swiss Alpine Club has established small receive . stations in the club chalets and principal Alpinest centres for the purpose of receiving calls for help from townste in distress.

Those who are about to make dangerous journeys need no longer rely on guides alone for they can now be supplied with tany portable receiving and despatch wireless sets, which can be hired at a very small cost.

Only Weak Currents Required.

As, for breadcasting purposes, the distances to be covered are never very great, weak cur-rer s give quite saturfactory remate, and no matter where an Alphant may happen to be, he can be corner of getting into immediate truch with a receiving station abould he loss his way or be overtaken by illners.

Of course, the great advantages of this method

are the immense saving of time in sending for help, and the fact that anyone in trouble proclaim his exact whereabouts to a station, It almost looks as though the famous St. Bernard

dogs will shortly be superseded!

The new move of the Swiss Alpine Club is expected to give a hig fillip to mountaineering, tournsts who have hitherto hesitated to make the big climbs for bear of meeting with disastur can now venture forth with an added sense of security.

Is this worth trying for? £250 a Year for Life from the age of 55.

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And on this investment there is a relate of Income Tax every year, attounting in all to a considerable still. This makes the plan more profitable still. Should illness or accident permanently prevent you from following any gainful occupation a monthly sum will be paid to you until the Capital Sum becomes does and you don't pay another deposit. From the moment you make your first

From the moment you make your first deposit, your life is insured for the Capital Amount arranged, plus half of every deposityon make, so that the protective value mereases yearly. What a boon to your family, should mything happen to you? A double indemnity clause, increasing the deposits by a fraction, doubles the Capital Policy Sum due to the family, if death results

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Aren't you interested? Wouldn't you like to have tall particulars? They will be sent you npon inquest.

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Openpation . Married or about to be married

Letters from Listeners.

till exters to the falter to the around a new bear or and a second according to the control of t

Valve Sets and Glear Reconton.

DRAB Sin,-I have lately got a 3-valve set I am too far from most stations to get clear recaption, but I am sufficiently near to get a maxiere of portions from several stations at

the same time. Unless there is an S.H. premamm (which I get excellently), I am now reduced to file field's relay from B runghers. If there is a super-powered station in the future, will my valve set be able to 1 in the or shall I need special apparatus If it is a highweve-length?

Yours truly, VALVE CET

Retherlam.

[There should be no difficulty in separating wave-lengths with a consonably selective set fibefield has 303 metres. The super-station, when it is a going concern should be select to be to not with a crystal on 100 miles, and with one valve on 200 miles.]

Fading at Bournemouth.

DEAR SOS. Why is at that finding is very rare with French stations, also why, up to a few mouths ago, was the reception in this district of Bournemouth's programmes highly sat a factory, but is now specit by excessive facing ?

Recenter I tanea to Be sme mouth, but found that, owing to the fading, it was impossible to pick up what was being transmitted, the same was experienced with 2Lt

I than tuned in Postal Telegraphs and heard their transmission without the slightest sign of fading. This means, as far as this district is concerned that we have the clear e of two stations only--Cardiff and Paris

Yours la thfully,

Beston Ferry.

Fading is entirely due to circumstances over which one has absolutely no control whatsoever. The very fact that Be graemouth ans such ally started isome, which it did not beretafore, is a proof of this, maximuch as Boarns mouth has had no alterations made to it. in the legat particular mines it was installed. The fact that Frinch stations school fade is probably due to their location, wave length, or some other cause, but that they never fade is quote unitrue [

Big Ban's Hour Signals,

I EAR SIR,-In connection with the broad easting of Big Ben, I should be pleased if you round kive the information on a certain point.
In the case of the "hour" signals, is the

sevual completion of the hour marked by the first note of the chime, the first "boom," or is case of an hour other than I o'clock; the

I we ask of the quarter, had end three quarters, is it the first note of the clame that increates the actual second that the chance is intended to convey !

Yours truly,

Muswell Hall, N.

[The actual completion of the hour is marked by the first "know" after the four quarters have chimed. The quarters are marked by the last note.]

An Invention Wanted.

Sin I am an unthusuastic listoury with a good crystal set. I know alsolately nothing about the technics of the science. I have many times picked up my earphones out of progranize hours, hoping to catch experimental tiete, on some needstens magnecestar's

Could some genus avent a signor gadget to at such to organial acts which would operate

to a how, when there is anything going to a story of hours ?

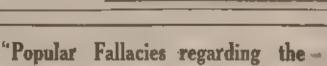
I have a that some day important and to terrett, it will be in which there to be broadened. during close time, and such a gauget, if practical, would be very vacable.

Yours tody.

Jarrow on Tyne.

JAMERA.

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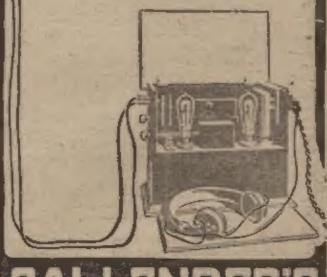


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