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EVERY FRIDAY

Two Pence.

OFFICIAL PROGRAMMES

THE BRITISH BROADCASTING COMPANY.

For the Week Commencing SUNDAY, FERRUARY 3rd.

LONDON

CARDIFF

ABERDEEN

GLASGOW

BIRMINGHAM

MANCHESTER

BOURNEMOUTH NEWCASTLE

SPECIAL CONTENTS:

OUR TRANSMITTER YOUR RECEIVER. By P.P.Eckersley, Chief Engineer of the B.B.C.

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WHAT'S IN THE AIR?

Ancient Wit and Wireless Wisdom

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

EACH man for himself and the devil helps oneself to plum pudding, the less there is left for the rest of the family. It is the same with almost all the "good thmes" of this earth. Money land, houses, even food and clothes; these are limited in quantity, and when the Bist comers, or the best fighters, or the hardest workers, or the eleverest have helped. themselves, those who come after are apt to go short or do without

Wireless is an amazing exception to the above. One may have an inautiable appetite for wireless. One may lill oneself with concerts, lectures news, children's hours, and so on. But no one can corner them. One may sit every evening in the vicinity of the loud speaker, or glued to the headphones, soowling at anyone who speaks above a whisper, smiling expansively every now and again at the carpet; one may inducsimilar employment in others, over scatter the infection broadcast till all the neighbours and sequantances do likewise. But-

(Those asterisks were necessary there.) But much glustamy for wireless will not make any difference in the amount of audible treasure still available for others; no, not if a hundred million be listering.

I think this point is interesting. It is an apparent reversal of the universal law: "The more I take, the less is left for you"—the legacy of the bindmost to the devil.

Is there comething more in it still? The influence of wireless generally is being much talked of nowadays. Can it also be the exponent to millions of people of new views of life, new possibilities in human relationships? In it destined to be an effective teacher to the human race of the revolutionary truth that in the sphere of the things which are best -- and music is among these—there is no shortage, nor ever can be? That no matter how much any individual takes there is no diminution of the total?

In these highest spheres there would appear to be an astounding abundance. In our daily mund we are always coming against shortage. Shortage of work, of houses, of food, of money. Claewhere infinity of light and of all things which are levely and satisfying to eye and car, to mind and heart-

Which thing may be a sort of parable. Quite a lot of the bother we endure may be caused by adherence to the maxim with which I began. May not wireless with its wonders and its predigality of supply lead to the consideration of another sort of spirit for all our affairs, something in the line of

A man there was, though some did count him pand, The more he gave away, the more he bad " ?

I believe it does. Anyhow, there is an opening for somebody to pursue a course of philosophic inquity in the matter. Here we deal with it as plain men, who, however, cannot help being immensely impressed with the possibilities of wireless as an exponent and illustrator of these great and broad truths on which are based the hopes for the welfare and

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progress of humanity.

It seems at least to show this that mankied is a unity, and that the neighty heritage, material moral, and speritant if meant for the good of any, is meant for the good of all. I

(Continued overley in column 3.)

The Weaver Poet of Paisley.

The Story of "Jessie, the Flow'r o' Dunblane." By A. B. Cooper.

SHELLEY tells us that "our sweetest songs D are those that tell of saddest thoughts, and it is certainly true that many of our sweetest songs are associated with sad circumstances. Perhaps in this soc-saw of life it is inevitable that it should be so, yet it remains remarkable that so many women immortalized in song should have seemed to care much less for the singer than the world escen for the song itself, and very aften bestowed their love claushers. It was not otherwise with Robert Tannahill and his "Jessie."

Paisley is proud of Tannahill. The town celebrated the centenary of his birth exactly fifty years ago with great distinction, and probably the majority of its natives consider the best sight in the place to be the gentle poet's statue. Tannshill died on May 17th. 1810, and in this year of 1924 his fame rests on three or four songs, of which "Jessie, the Flow'r o' Dunblane," is perhaps the best.

"JESSIE, THE FLOW'R O' DUNBLANE."

The sun lun gaen down o'er the lofty

fien Lomond, And left the red clouds to preside a er

the evene. Whole lonely I stray in the calm summer glosming. To muse on sweet Jessie, the Bow'r o'

How sweet is the brief, wi' its saft faulding blossom !
And sweet is the birk of its mundle

o' groen ;

Yet sweeter and fairer, and dear to this

besom, Is lovely young Jessie, the flow'r o' Dunblane,

How lost wore my days till i met wi my Jesnio:

The sports of the city seem'd feelish and vain; I ne'er saw a nyasph I would ca' my

dear lassie,
Till charmed wi' awest Jessie, the
flow'r o' Damblane,

Though mine were the station o' loftiest

Amile its profesion I'd longuish in

pain, And recken as naething the height of its aplendour

uanting sumst Jessie, the flow'r o' Dunbluse.

As Burns was 4 ploughman and small farmer, Tannahill was a weaver, and almost all his verses were composed to the click-clack of the shuttle. He had a deal board fixed to his loompost, and on this lay paper and quill, together with a well-secured tok bottle. that the poetweaver might make permanent the stanzas he composed and memorized as he worked.

On the same board often lay a flute, and in the intervals of work he amused himself by hunting up old melodies to which to wed new words, and playing them, for his flote was his great hobby and amusement. For a time he and his brother megrated to Lancashire, the latter settling in Preston and the former in Balton; but both returned eventually to l'assley. Tampahill seems to have had but one h ve affair, the object of which his chief biographer, David Semple, names as Janet Tennant, a native of Dunblane, Perthshire, most of whose life seems to have been spent in Paisley.

Janet Tennant was a little older than her lover, and, perhaps finding him too well content with courtship and little inclined to speak of marriage, she showed favour for another switer. She would have returned to Tannabill at a word, probably, but the proud and sensitive poet would not speak it, and bade her farewell in indignant rhymes. She died in 1833.

The Final Tragedy.

In 1807 Tannahili published by subscription his "Songs and Poems," and though thereby he gained great popularity and a fame which extended even to London, yet the monetary return for his literary Isbours was very small, and the gentle, diffident, despondent man seems to have felt a sense of disappointment

His letters and his conversation became more and more charged with melancholy. He speaks, for instance, of "the insupportable misery of life." During a short visit to Glasgow he showed unrustakable signs of mental derangement. A friend saw him back to Passley and apprised his matried brothers of his state. Three of them stayed with him until he seemed askeep and settled for the night, and then went to their respective homes.

That was about ten o'clook. About midnight one of them was passing the house, asw the door open, went in to investigate, found the poet's bed empty, and gave the alarm. A little later poor Tannahill's coat was found on the canal bridge. He had gone the way of the lad who "perished in his prime," Chatterton, and died by his own hand.

What's in the Air?

(Continued from the previous page.)

ray that broadcasting illustrates this, but more than most other great modern scientific inventions, it goes a powerful long way towards getting the truth restited.

Not only does it send " bondonst" into the air which is universal the though which can ently, enlighten, and entertain, as that all and ony may receive without start and without let or hindrance whatever; it does, or can do, more. Wireless can east a girdle round the certh; it can bind pations together with bands which are all the atronger because they are invisible.

And as it sends out the things which tend to our personal peace, so it may also come to the aid of the peace which is sought internationally.

But not even personal peace can be found if people escillate. From such, and from all spark stations, harmonics, and beterodynesmay the Post Office, the Radio Societies, and the Chief Engineer deliver as !

* * * 100 The functions of the recently constituted Breadeasting Advisory Board are not yet defined, but the Board is to act in any advisory capacity to the Postmaster Ceneral. It consists capacity to the Post master Ceneral. It consists of representatives from the Post Office, the Press, the Radio Society of Great Britain, Wireless Manufactures, the Entertainment Industries, and the R.R.C. Sir Frederick Sylves in Chairman, and there are two other members. The Board will presumably deal specially with questions affecting fresh develop-

Provençal Bull-Fight.

A Talk from Newcastle, by E. Akhurst.

SOME eighty miles north-west of Marseilles D lies the little town of Nimes, famous in Roman times as one of the Haths of the Empire; but now visited by the tourist for a few hours enty. The Arena dominates the town, all roads lead to it, as they did in Roman days. Unlike the Collecum, the Arena at Nimes is still used for its original purpose. These,

seated on the same stone benches which their Roman ancestors once used, the Nimots go to see a chema production, to hear a band, to see s theatrical troups, or a Provençal builfight.

Man Against Beast.

it is no blood-curdling spectacle, but yet is a thrilling contest of man against beast, with the odds slightly in favour of the latter. The bull, whose horns are padded, wears attached to a string tied between them and hanging down his forehead, a cockade of tri-colour ribbon; and when he is turned loose in the Arens, the men strive to grab thus cockade; the winner receiving a money prize varying in value with the experience of the bull. The spectacle of a Provençal bull-light once

seen is never forgotten. The ancient Arena, ruined in parts seems to swallow the entire population of the city.

In a special hox opposite the entrance through which the bull appears site the president of the comes with his becalds and trompeters, and above him and on either hand are the masses of the spectators.

Around the Arens is a solid wooden fettes some five feet high with a step on the inside, to enable the hard-pressed bull-lighter to leap it easily. Behird this fence or walking about in the Arena are the men who are competing for the prizes.

Snatching the Ribbon.

A loud blast from the trumpeter, and the doors opposite the president open and the ball trots out. He stands for a moment, seeming to bow to the applause, then the moving figure of one of his enemies catches his eye, and, head down, tail up, he races across the sand. But his victim is too quick; he has reached the barrier and leaped it, and the disappointed buil shakes his head and turns to look for a fresh enemy. He has not far to seek, they are all round him, each man striving to get into such a favourable position that, when the built charges, he can side-step and, as the animal flashes past, can, with a swift movement of his left hand, snatch the coveted trophy.

Now the Arena is clear, for the buil has chased all his assailants to the burning, now be stands for a moment pawing the said while his enemies advance from all quarters. He charges again, but this time he has met his match; his victim stands and waits, then, just as it seems as if the bull and man must meet, the man jumps aside, his left hand comes up clear between the horns and, as he gets away, he waves the red, white, and blue ribbon triumphantly.

Man Who Made Morse.

*Inventor of a Famous Signalling System.

A LL listeners are familiar with the scratchscratch of the Morse code, but how many of them know anything of its inventor?

The man who made Morse was an American, Samuel Morse, who was boru in the year 1791. He began his career as an artist, and having finished his education at Yale University, he came to England to study painting. He won, among other distinctions, a gold medal for his first effort in scalpture. Later, he returned to America and became Professor of Arts at New York University.

A Struggle with Poverty.

But apart from art, he was keenly interested in chemistry, particularly electrical chemistry, in which he made many experiments. on a voyage across the Atlantic, he was attracted by the clumsy methods of signaling in use at that time, and this turned his thoughts in the direction in which he afterwards found fame. He invented a system of magnetic telegraphy in which the message was spelt out in the wellknown dots and dashes of the modern Morse

He exhibited this invention to the American Congress and tried in vain to patent his inven-tion in England. Sheers did not come to him, and for a long time he struggled against poverly. When he had lost all hope, the tale turned in has favour with startling anddenness. At midnight in the last seconds of the session, Congress voced 30,000 dollars for an experimental telegraph line between Baltimore and Washington.

After this, life became one long triumph for Samuel Morre, His system was adopted in practically every civilised country in the world. Honours, both at home and abroad, were showered upon him. The French Emperor was matromental in arranging an inter-national present of 400,000 france, and a brouze statue was erreied to him in New

BROADCAST EXPERIMENTS AT HIGH ALTITUDES.

MR. WILLIAM LE QUEUX has, with Mr. Max Amstutz, a Swiss wireless expert, been making a series of interesting experiments in receiving British broadcasting at high altitudes in the Alps during the past month. He set up a station at Murren, at a height of 5,800 feet, in the Hernese Oberland, and upon a seventy-foot twin serial thirty-five feet above the ground met with a lot of interesting phenomena-especially atmospheries! The net used was a three-value Tolefunken one, the "earth" being to rock, The results showed that in hours of daylight, or even twilight, British stations could not be received clearly by any device or amplification available. But in complete darkness, and more especially in the hour before "closing down," tion was quite as clear as though the set had been within five miles of London.

From the Savoy to the Aips, Of all the British broadcasting stations, that of Bournemouth gave best results. Next to it came Aberdeen, London third, Newcessile fourth, and Cardiff fifth. Special tests were made with Bournemouth, and one night the Savny Orchestra relayed to that station could be heard in the dead stionee of the Alpine might almost all over the winter sports village of Milmun

Laughter in Parliament.

A Talk from London, by R. D. S. McMillan.

Mr. McMillan is the Assistant Editor of " Tit Bits "

WE often hear Parliament referred to as the cornedy at Westminster. There is a certain amount of truth in this, for though Macaulay once decarred it to be "the most difficult audience in the world," it is also at times the most foolish. Take an M.P. saide and try to make him laugh. It might be a very hard task indeed. But put 400 M.P.'s together in the Commons, and it is apparently the easiest thing imaginable to tickle their rigible faculties,

Let me give you instances. If on M.P. knocks his hat off accidentally, the House will go into convulsions of laughter. When members are amused at such an incident you may imagine what happens when some bookiess colleague sits thewn on his bat.

The Sleeper Awakened.

But the real treat for our politicians is when some fiery orator, gesturing wildly, brings his fist sweeping down upon the head of some unsuspecting—perhaps slumbering—colleague on the bench below. You can imagine the feelings of the alumberer, awakened by a rousing thump on the lead.

Practical jokes are not unknown at St. Stephen's. It is recorded that a certain M.P. fell asleep in his ceat, a not uncommon hoppen-ing, as you may guess. While he clumbered, some practical joker tied his bootlaces together, and when the member awake and attempted to walk away, he tripped and fell, and lay prostrate.

M.P.'s Vanished Boots.

A sumewhat similar tetek was once played upon another skeper in the Commons. He had retired for a rest, baying dired and wined rather well. To add to his comfort, he took off his boots. While he slept, come was removed his tootwear. The sleeper eventually awake considerably refreshed, but judge of his surprise when he discovered that his boots were not in the place in which he had put them. Not only that: they were not to be found.

He began to search, and the other M.P.'s, most of whom had by this time been informed of the joke, were treated to the spectacle of the the kies member seeking in every nook and cranny for his missing boots. At last the searcher gave up the quest. He taturned to the place where he had slept, and was there astonished to find his boots in the exact position in which he had left them.

It is said that one of the funniest remarks ever made in Parhament was that of an Irish member who was promoting a measure called the Removal of Offensive Matters Bill. Another politician opposed the Bill, and getting to his et, declared: "I object to the measure, this Removal of Offensive Matters Bill." The Irish member drew himself to his full height, and then calmly replied: "Excuse use, but I assure you that nothing personal is intended."

It Wasn't Lloyd George.

Mr. Lloyd George is credited with having told an excellent story in the Commons once, concerning a period when he was exceedingly unpopular. A man was being presented with a testimonal for having savet someone from drowning. The bero declared. Really, I have done very little to deserve this reward. I saw the man struggling in the water. So I jumped in, awar out to him, and turning him over to make our it wasn't Mr. Lloyd George, I pulled him ashore."

The following story, by the way, is told about Mr. Lloyd George, but I honestly believe it is a libel upon everyone concerned, particularly

Mrs. Lloyd George. A clergyman called at Chespoors while the ex-Premier was still is office, and talked to Mrs. Lloyd George while waiting for the Premier, who was still upstains. It was dering the Irish troubles, and the elergyman Ismented the terrible state of affairs in the distressed country, but added consolingly: "Still, there is One above we who will set all right. "Yes, that is Mrs. Lloyd George replied. will be down in a minute."

A Maich for the Bishop, You will usually hear the best Parliamentary stories in the labbics of the House of Commons, and it was there that I heard one of the best anecdotes about the ex-Premier. It was at an election in Wales, and Mr. Lloyd George was introduced thus : " I have to introduce to you to-night the Member for Carnervon Boroughs. He has come here to reply to what the Bishop said the other right. In my opinion, gentlemen, the Bishop is one of the biggest hars in creation,

but, we have a match for him to might !"

Irish "bulls" are the most common cause of laughter in Parliament. One day an Irish member said : "Mr. Speaker er an hon, gentleman who site behind me is laughing in my face."

In conclusion, I think the most appropriate story to tell is that concerning a speech made in the Commons by an M.P. for Bath. He had spoken at con-siderable length, and at last remarked. "Well, like Lady Codiva approaching the end of her journey, I am noaring my close."



"An' I sez to 'ar, I sez, 'Mrs. Brown, all this wireless business ain't doin' yer son any good. 'E's turnin' into a proper wireless insect.'"

PROGRAMMES-COSSIP ABOUT PEOPLE IN THE

Thought They Were Catching.



Married Street, Square,

POPULAR with Man-I chester listeners, Miss Sybil Gordon is known at a negrosopreno, although she can sing all soprano airs with

In proof of the ignoraree about wireless that prevails, Miss Gordon tells s good story. A mother returned home and found her eldest boy, Tommy, aged nine, in tours. "What's the matter ?"

she asked the nurse. Well, mum," was the reply, " he was saked out to Mrs. So-and-so's wireless party; but I

would not let him go because I heard they have atmospheries there, and I wasn't certain whether Master Tommy had had them before or not."

Obeying Instructions.

A NOTHER of Mess Gordon's stories is In the act of driving. They hired a pony and teap, and were told by the owner that, although the pony was perfectly quiet, they must be extend to keep the rein off his tail.

We won't forget," they said.

When they got back after their drive, the

owner asked them how they had got on. "Splendidly !" they creed, "We had a harje shower, but we took it in turn to hold the rella over the pony's tail, and kept the rain off all the time !

The " Tommies" Luilaby.

WITH Russian music so much to the fore W at present, it is interesting to note that Mr. R. S. Muuat, the leader of the Bourno-mouth Wireless Orchestra, once had an interestbg experience.

During the war, he served in the North Russian Relief Force, and he tells me that he was hilleted with a Russian family where the weenen of the house sang her baby to sleep with a Russian Folk Song which the famous composer Rimski-Koraskov used as one of the thomas in his Scheherasude.

The mother had for accompanient a chorus of lasty British "Tonnaies," and although they made enough mise to walts the dead, the baby went to alrep !

Theo Auntie Laft the Theatre.



Mr. BETLING

ONE of the best succ-Rutland Osborno, who is amusing listeners at Bournescouth by his songs and stories at the piane, tells is the following: Once at a pantomime I found myself setting nextto a maklio-aged spirater of the severest type. She was accompanied by two intle girls, aged about five and six respectively. Dur-

ing the performance, a danseuse occupied the stage with a remarkable exhibition of high kicking. The little girls gazed spott-bound, while the spinster's expression became grimmer and grimmer.

"Sinddenly, after a more than usually high kick, a shrill voice asked: "Auntie, could you do that ? "

The Concert that Didn't Come Off.

A N anthority on literature and election is A Mr. Augustus Beddin, who gave readings at Glasgow Station on "Burns Night." He is a well-known lecturer in Scotland and is a past President of the Ninety Burns Club.

"I committee on one occasion," relates Mr. Beddie, "being asked to recite at a boy's chair treat at one of the big Edinburgh eathe-

"We were all prepared to give of our best

-but alea! 'there is many a slip.'

"The first item was a selection on the organ, which was driven by hydraulic power, and the organist, on turning on the water, had acrewed the top right off the valve, which was I im. off the main; so, instead of organplaying, we had fountain playing with a vengenace.

Several of the bolder spirits made a rush forward and attempted to serew the top on again, only to be driven back, drenched and

" Before long, the floor was ankle deep in water, and the company waded out with damp feet and damper spirits, and so ended the hope of budding artistes for that night.

He Wasted His Manay's Worth.



Sin, Jones Smicker.

A TENOR who is well known at London Station, Mr. John Collett, has song at the Queen's Hall Propognade concerts. the Crystal Palace, the Hallé concerts in Manchaster, and for nearly all the principal choral societies in England.

Mr. Collett once appeared at a concert given to the corployees of a fameashire man in honour of the coming of age of

his son. The giver of the concert was wealthy but uncovered—especially where music was concerned. He had engaged a first-class orchestra, whose playing he listened to intently. Noticing that the cornet had been silent during the greater part of one of the selections, and thinking that he was not getting his muncy's worth, he indignantly approached the player of that instrument and demanded to know the rought of his silesen.

The musician pointed out to him that he had forty been "teest," and that, therefore, he was not supposed to play during the time he had

Tacet' be hanged!" eried the isate profiteer. "I pay thee for blowing, not for tuesting!"

Not in the Programme.

IT is not often, when anything goes wrong at an entertainment, that an artiste is belped by a member of the audience, but such was once the experience of Miss Rita Sharpe, the 'cellist, who broadcasts from London,

"I was in the most selema part of a piece of music, when laughter would have been fetal," she relates. " Along the front of the platform wore several large feros, and, unfortunately, my bow touched one of these and distracted me very

Noticing my anmyance, an old woman in the front row of the anthence rose from her seat, fetched a chair, stood on it, and calmly lifted the big fern down on to the floor!

"Although this was a great help, I proceeded with my solo with an effort."

A Test that Failed,



MIL JOHES WORLLY

FAVOURITE wish listeners in the North is My. James Worsley, the entertainer in Lancashire dialect. He is an enthusiastic listener himself, and he never tires of trying to interest other people is the wonders of broadcasting, Apropos of this, he tells me that there was one occasion when he failed in his attempt.
An old friend of mine who lives among the hele.

he says, had never listened and always arred contempt for the marvels of wireless.

"Determined to convince him, I invited him to my house to hear a concert broadcast from Manchester, When he arrived, I sat down before my new crystal set and said; 'We shan't be long now before I make you believe In Witches

"I looked as proud on a small boy with his first set, but no sound came! My friend kept adding to my consternation by saying: "Didn't

I tell you there was nothing in it ?"

After waiting in vain toe snother hour for something to happen, he jamped up and exfool me. Cood-night 1"

After he had gone," concludes Mr. Worsley,
I found, to my disgust, that I had faded to adjust the 'phones to the terminals."

A Slight Minunderstanding.

A MONG the best of musical quartettes is that of Miss Wilton Ameloy, which broadcasts from Bournenbuth. Mass Ainsley comes of a musical family, her father being a Professor of Music in London.

"It is always my desire to please my hearers."

says Mex Ainsley; "but on one occasion I was much misuscenstood. "o a member of one of my andiences I put the question: Would you like some Scotch or Irish?" meaning, of course, musical items. "Thank you?" she suspect. 'I take

meigher I'"

What Punded Her.



Man THE ADER NAMED.

LIKE so many other vocalists, Miss Gwladys Naish, who sings at London Station, is a native of Wales. One if her favourite songs is the famous "Queen of the Night" song, from The Mogic Plate which reaches to F in alt. Miss Naish telin an amusing story of a child's idea of wireless.

"One day," abe says,

girl that she would soon has her mother

singing through the nar 'phones.
"She looked puzzled, but take nothing and some time later when, looking at the receiving-set, she exclaimed: But how will munuaget out of the box again ?"

Fox party were listening on a special programme might

It seems faint " suggested father, jaching the crystal.

But think of the extra people who must be listening to night," commented a visitor.

Our Transmitter-Your Receiver.

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

IF you will read, mark, learn and inwardly digest the following, you will be doing the art of broadenst some considerable good.

Broadens on relies on two main functions:
one is transmitting, the other receiving, and it

probably is mure blessed to send than to receive

To tell you that your receiver is lamentably behind the transmitter is inflicult, considering my position; but truth compels me to utter what at first eight may savour of valaglory

Let me, in as simple language as I can, tell you the basic facts of broadcasting.

Your Voice Pulsations.

You speak what happens ? In brief, you roske little compressions and rarefactions in the air around you. If you are young, fair and feminine, your shell pipe may make some thousands of these pulsations in a second: if you are gruff, musculine and bearded, your usual bath time notes may be in the hundreds. The human car has the amazing faculty of being able to hear from thirty pulsations a second up to above ten thousand, this range varying with different human beings,

What of the sensitivity of the car ? Suppose you do an experiment and find out how sensitive the car is to various antes, you will find that it is much more sensitive to the middle notes of a piane, and much less to either end.

Notes That Can't be Heard.

As the note goes down and up from some thornoods a second, your car sensitivity decreases. A note of ten a second is inaudible, and even the most but's cared of us cannot hear 20,000 a second. Animals probably hear up to higher frequencies, and whistles can be made which agitate all the dogs in the street without an errand boy furning his head.

Now, a sound is made in the studio at 2, Savoy Hill, and a microphone is left about somewhere nous. The little pulses of compressed air, which are the sound, hit the microphone coil or diaphragm and make it wobble. By certain devices the wobble of the diaphragm creates electric currents which are proportional to the intensity of the impolses (at any rate, that is the ideal).

Microphone v. Human Ear.

But now suppose we make the microphone exactly like the human car to be much more sensitive to the lower notes and the higher notes-it would seem a reasonable suggestion. Unfortunately, we cannot do this- I will not confuse the base by explaining why-and so we send out the broadcast on an arbitrary bases, giving for equal pressure of sound impulse equal intensity of electric impulse, act increasing the sensitivity at either end of the scale. (The reason for this is that if we were to create the car curve at this stage, we should have to weaken the breadenst by 1 160th or more, and although it would be perfect quality, it would be so weak as to be interfered with by all sperious electrical noises. If you live ten miles away, the effect would be to remove you to hundreds of miles; your crystal would be useless, and multi-valves would merely amplify the januming.) Thus we are sending out for equal intensities of sound, impinging on the interophone at any frequency equal amplitude of electrical energy.

We can say, I think, that we are doing this practically distortionlessly. Now what do you do with the received broadcast?

We will assume, first, that your high fre-quency system is distortionless, as it probably is, and secondly that your low frequency maynification is distortionless, as it probably iso t.

Now for the load speaker or the head 'phones, where all the distortion (if there is any) must lie-

Head phones were first designed in order to get the maximum possible efficiency for Morse signals round about notes of 1,000 to 2,000 a second. And now you are asking these same telephones to reproduce speech with frequencies from 200 to 5,000 a second, or masic from 30 to 15,000 a second. What a hope! The telephones to be efficient must be resonant around these very frequencies to which the ear is most sensitive. Instead of having 'phones or loud speaker to give you the greatest sensitivity around the deep base and the high treble, there they are giving just the wrong frequencies predominance.

Our Waggon to a Star.

Now you may lay this article down in disgust, and say that fellow Eckersley is a blithering ulint-you get perfect quality. Think again. What about the base of the organ, the pedal notes; hasn't the violin lost something of its passion; but it a little duty sometimes !

I don't say that you seen't getting some of the finest possible quality by mechanical means. You are. You are beating everything else all its sort. There is real beauty in the reception. Do not let it be said for a moment that every word sai't understandable; that you can't tell a good singer from a bad one. Of course, you can. But you and I, we have hitched our waggon to a star, and we are not going to be

heaten; we are going to get perfection.

The reason for all your tropble is simply your 'phones and your loud speaker.

A Trade Secret.

Don't blame the manufacturer; he had to do it because you would cry for sensitivity, and this perfect quality business means a bit more expense, more complication, and a complete lack of efficiency.

It is possible to correct your 'phones, but you will learn how later; it is a trade secret now. If you want to correct a loud speaker, I'm

afraid yen will be disappointed, because most of the better makes have been corrected partially, and it is difficult to apply further corns The manufacturers will in time produce something which will give the same difference in quality between the ordinary carbon microphone of a year ago and the present-day device as between the land speaker of to-day and the instrument of to morrow.

The Perfect Circuit.

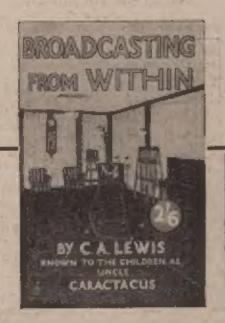
One last point, you must have distortionless circuits before you can do any good, so use low frequency valves with open mesh grids, plenty of negative on the grid, and as good (1 don't mean efficient-1 mean distortionless) tenusformers as you can obtain. Personally, I always use resistance capacity magnification.

If at fast every listener gets the perfect circuit, we shall be able to make big advances.

Do you know why we pad our studies to get over room effects to just because of your resonant 'phones; room effect disappears with proper correction. Do you know why we can't put our microphone where it can get a real focus on the Opera so that balance is always perfect? -the present position is an the centre of the footlights; it ought to be halfway down the stalls - because the echo unduly accentuated by your resonant phones would kill the effect. Do you know what is holding up the future? Reader, it is your receiver.

Mark you, I blame no one. We must advance step by step, and this could not be foreseen. Your receiver will cost you more, but it will be to easy for us to give you of the very best.

YOU MUST HAVE



BROADGASTING FROM WITHIN

By C. A. LEWIS.

ORD GAINFORD (Chairman of the B.B.C.) in the preface says: "This book will be a revelation to many listeners who have hitherto not realised the organisation and work in connection with programme reproduction."

CONTENTS INCLUDE:

The formation of the present company -An account of the early struggles and disappointments of the pioneers of broadcasting - Broadcasting of opera-The internal workings at Savoy Hill-Pleasing the public-How programmes are selected and arranged-The Engineering Department-How to listen-Possibilities of wireless relay-The great future of broadcasting-The personnel of the B.B.C. Staff, etc.

On sale everywhere 2/6 or post free 2 it from the Publishers, George Newnes, LTD. 8-11, Southampton Street, Strand, W.C.2.

HOW DO YOU LOOK AT LIFE?

By LEONARD CROCOMBE

(Editor of "Tit-Bits.")



LEONARD CROCOMBE. ing of L. C. Plane, Did.)

Do you know were working on a stone. A tranger esked was doing.

"Warking for ten bob a day," he replied.

"And you?" the stranger ask-ed the second.

"Cutting this stone," he growled.

When the same question was put to the third atone-cutter, he answered: "Fro building a cathedral!"

How do you visualize your job? How do you look at life? Are you enjoying it in full, or are you living with the blinds half-down t The happens people are those who are working and living at their fullest expanity; who find the days too short for all the many things they have to do. They work and play with equal rest, and so gain

happiness, health, and success.

"Yes, that sounds all very fine," someone may say, "but if you had my job you'd sing a different tune. I'm not one of your lacky ones."

The Victor's Attitude.

Lucky !-- or should it not be Plucky ! Pull up that blind! Have a look round, and don't assume the leser's attitude towards life. Try "Pelmanism" as a pick-me-up. What is "Pelmanism"? The dictionary

has a fearsome description :-

PELMANISM, n. a psycho-synthetic system of mental development embracing every function of the manal.

It makes you think of iperacuanta wine, quining, or comething equally harrable, to be taken after each meal. "Pelmanion" isn't a bit like that. It is not a nasty medi-case for the mind; it is a mental "bracer." When you have digusted the contents of the first "Little Grey Book," your appearer is keen for the other eleven.

I wish that Mr. Eunover had founded the Perman Institute when I, in blind cubbood, was floundering about been enough to "get on "-Heaven knows !-- but dizzy through countless jerks and jumps in the wrong directions. A study of "Pelmanism" would have steaded me mentally, taught me to conserve my montal energy, saved me much fruitless mind wandering.

Self-Reliance and Mental Stability.

Mental Stability—a mind well-pased— un invaluable possession. "Pelmanism is un involumble possession. shows you how to gain the right mental shows you how to gain the right mental attitude. It proves to you, mercover, that the conviction that you can do a thing will furnish the power to do it. The "Little Grey Books" help you to have confident, cheerful, creative thoughts. The correct study of "Pelmanism" will, I am convinced, give self-reliance, make one capable of thinking confidently and profitably.

A man for whom I have profound admirathe story of the lion is fond of expatiating upon the "Per-three stone ceptive Eye." He has it most acutely outters? They developed, as have all who live every waking minute with rest, who are fully alive to Perceptive Eye is the eye that misses nothing; consequently, its owner gets much more fun out of life than does the average person. In the "Little Grey Books" 'Pelmanism' there are many most in teresting hints on the cultivation of the Perceptive Eyn. The Psychologists who are the nuthers of "Pelmanam" realize that from the ability to observe small, everyday things grow many of the qualities that form the mental make-up of those who are at the top of the Ladder of Success-

A Key to the Best.

I do not wish to give the impression that "Pelmanism" is solely a stepping-stone to Success. It is that, most cortainly; but it is also a whole flight of stopping stones to bigger things than material prosperity. I could fill a book with reasons why every man, women and child should become acquainted with "Pelmaniam," for it provides, when rightly used, keys to all that is best in life, spiritually as well as meterially. Why, then, hold a third-class sesson for

life's journey when you can travel by-

The New Pelman Course is quite simple and easy to follow, and the instruction is personal to each individual. It takes up only a few monutes daily, and the "Little Grey Books" are printed in a handy "pocket-Books" are printed in a handy "pocket-size," so that you can study them in bus or train or in odd moments during the

Some of the results of Pelmanism of which Mr. Crocombe speaks are printed in which are the coupon printed on this page. With this book you will receive full details of the Pelman Course and particulars enabling you to enrol on the most convenient terms. Fill up this coupen and post it to-day to the Pelman Institute, 95, Pelman House, Bloomsbury Street, London, W.C.1.

REMARKABLE REPORTS.

Results of Pelmanism Which Speak for Themselves.

" Pelmaniam," says Mr. Loonard Cracombe, is a stempony store to Surce." and a day things than material prosperity." Many instances of this are given in a brok entitled. The Efficient Mind, which contains contributions from some of the most celebrated men and women of the day. Here are a few examples taken at readom from the enormous correspondence received by the Felman Institute from all parts of the world and from men and greenen of every stamp, age, and position :-

- A Boolor writes "I am care mely passed with the Course. As a result my Memery is much more accurate than formerly; my Powers of Concentration are much before: See Confidence and Will Power have been much ourresed. I seem to have acquired greater Originality of outlook. I consider the Course is an excellent training for any medical man."
- A Cashier writes: "I took the Pelman Course to its influence the fact that my salary is now 300 per cent, greater and my position one of responsibility and trust its against one of subservious. Pelmanian is of inestimable
- A Glergyman writes; " It is now twolve months ago sures I used a none of any description in public speaking. I hardly dared to believe that I should so completely abundes them. I thought that for special occasions, etc., I should fall back on them, but that is not as I have recently aftersided special gatherings of various descriptions, but have done without the notes. This is a great satisfaction to me
- A Telegraphist writes: "I have been able to precure this appointment 'simply and shiely' through your books. Your books will be abso-lately invaluable to too."
- A Clerk writes: "I should like to put it on record that since taking the Permen Course I have doubled my minry, which I attribute entirely to Pelmonism.
- A Typist writes . I have been premoted twing in an months. If it had not been for Pelsonners I should never have got on so well."

Letters such as those could be quoted by the thousand. Many more will be found in the book "The Efficient Mind," which you can

how abrain free of cost.

Here is the coupen. Fill it up or use a postand post to-day to the Pelous Institute.

D. Pelous House, Bloomsbury Street, London,
W.C.I. Full particular of the Course and a
copy of "The Efficient Mind" will reach you by return, gratia and post free.

CALL OR POST THIS COUPON TO-DAY.

To THE PELMAN INSTITUTE,

95, Pelman House,

Bloomsbury Street, LONDON, W.C.L.

Piesse send no. gratin and post free, (1) a copy of "The Efficient Mind," containing particulars of the Pelman Course (2) particulars enabling me to entrol for the complete Pelman Course on special terms.

KAME..... ADDRESS

All Correspondence is Confidential.

WIRELESS PROGRAMME—SUNDAY (Feb. 3rd.)

The letters "8.8." printed in italics in these Programmes signify a Simultaneous Broadcast from the station mentioned.

LONDON. (Gall Sign, 2LO. Wave-Length, 365 Metros.) 3.0-1.0-LIGHT SYMPHONY CONCERT.

S.R. from Reservementh.
5.9-5.30. -CHILDREN'S CORNER. S.B from

Newcostle
8 30. THE WIRELESS ORCHESTRA.
Priest March from The Magic Flate Monart
Andante Religiosa 77000
6 45.—Anthens, My God, I Leve Thee

S.55. - Hymn, Soldiers of Christ, Arise

Adsa Min Occloses

Occloses

Investment to the Value Webs

THE CHURCH QUARTETTE

Come, All Ye Lads and Lasses Lane Webs

On the Banks of Allan Water

The Country Dunce Lane Webs

Local Webs

NEWS BULLETIN S.B. to all Systems

recept Cardiff.

Local News and Wordler E.

Local News and Weather Forecast.

10.30 - Close down.

Announcer: C. A. Lowis,

BIRMINGHAM. (Call Sign, 517. Wave-Length, 475 Metres.) 3.6-3.8. LIGHT SYMPHONY CONCERT.

S.H. from Bournemouth. 5 0 5,30 CRILDREN'S CORNER, S.B. Iron Newcastle.

8.30. Hyum, Earth Hus Many a Noble City THE REV. A. F. FORBEST All Souls Church, Normadie, Hundsworth,

Religious Address. Anthon, - If We Believe that Jesus Died

JAMES HOWELL (Base).
"O God. Have Mercy" ("St. Paol") Mendelskohn

Duct for Flute and Cor Anglais. Bomance

Selection, "Remisseences of Gouned" are. Gulfren

10.0-NEWS. S.B. from London. Local News and Weather Porceas. * 10.16.-Close dawn_

Aumouncer: Percy Edgar-

BOURNEMOUTH. (Call sign, SSM. Wave-Length, 385 Metres.)

Light Symphony Concert. S.B. to all Stations. ORCHESTRA.
Conducted by CAPT. W. A. FEATHER-STONE.

comphal March.

(With Orchestral Accompanies).)
Trio.
2nd and 3rd Movaments from Trin for two
Flutes and Car Anglets, Op. 27. Beethoves
25. Herbert Smith. Remove Russell
Valo Keenedy Russell
(With Orchestral Accompanies).

(With Orchestral Accompaniment.)
4 25. Gertrude Newson. Macken is
(With Orchestral Accompaniment.)
4 40.—Two Movements from Symphonic No. 5
in E. Minor. Tehnskovsky
2nd Movement Andante Cantabile and
Finale Andante Macatoso.
5 0 5 20.—CHILDREN'S CORNER. S.B. from

Nesrostic THE "GRM " TRIO. REGINALD S. MOUAT, Violinist ARTHUR MARSTON, A.R.C.O., Pionist THOMAS E. ILLINGWORTH Cellist

Are Meria"

THE WINTON PRIMITIVE METHODIST CHURCH CHOIR.
Under the Direction of C. F. BUST.
Chores. "O Teste and See "Bostonley" Crossing the Bar" Maker
8.45.—THE REV. G. PREECE of Windorne
Road Primarys Methodost Church. Beligious

Address

Choir.

Hemn. Jesu, Lover of My Soul.

Reginald S. Monat.

Lends

Tria. 0.0 R.IS.

R.25. Chair.
Anthem. "Send out Thy Light" Gounod
"Grand Duo" Hingworth.

2.40.

9.40. Arthur Marston, A.R.C.O.
Sundsy Morning at Chan " Bendel
9.50. Trio.

Slow Movement and Finale from Trie .. Gods 100 NEWS S.B. from London, Local News and Weather Forcest, 10.15. Close down.

Aunouncer: W. R. Keene.

CARDIFF. (Call Sign, 5WA. Wave-Length, 350 Metres.)

3.0 5.0. LIGHT SYMPHONY CONCERT, S.B. from Banguemonth.

The B.B.C. wishes to announce that the pianos used in the daily transmissions from all their stations are of the following well-known makes: BROADWOOD, STEINWAY, WEBER.

5.0-5.30 - CHILDRENS HOUR. & B. Jour

S to. CHOIR OF ST MARTIN'S CHURCH.
Hymn, "Praise to the Hollest in the High."
Benedictus fram Gounnel's Sciencelle.
Agains Dei from Schubert's Mass in G
15. (1sh wirtis)
THE REV DR. HOPKIN JAMES, M.A.,
Vicar of St. Martin's Church. Religious

Address yms, "Holy Father, theor Our Way (A. and M 22) Hymn,

Richard Wagner.

Development of Overture Form.
STATION SYMPHONY OR RESTRA.
Conductor: OLIVER BAYMOND.
MR. EVERYMAN "in a critical commentary upon the reuse.

1. Overture
11 Overture
11 Overture
11 Overture
11 Overture
11 Overture
12 Declarate
13 Declarate
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16 Declarate
17 Declarate
18 Declarat IV. Prelude
V. Prelude
V. Prelude
VI. Prelude to Act III. "Lohengron"
NEWS BULLETIN
Announcer: A. Corbett-Smith.

MANCHESTER

(Gall Sign, 2ZY. Wave-Length, 375 Metres.)

S.B. from Bournemouth.

5.0-5.30.-CHILDREN'S CORNER, S.B. from

8.6 SIDNEY G. HONEY: Tidk to Young

People. 8.30 THE REV. CLIFFORD BARLEY, of the New the South Manchester Society of the New Church, Religious Address.

The lamous

"RESSES O' TH' BARN

Conductor: HARRY BARLOW.

March. "Tanahauser" Wayner

Cornet Solo. "Arbuckleman Hartnesses

Soloist. W. Roshworth.

TOM KINNIBURGH (Bass).
"Hear Me 'Ye Wands and Waves" Hander
"The Latte Player" Alidsen

Interpresses Melanda ("Anneue" Englement

Band
Internezzo, Mélodie d'Amous ... Engleman
Trantone Soli. "Hide. Thom. Thy Bandel
Bearns" ... Handel
"Walt Her August Handel
Prolude is C Mister Backmanning
Experts from "William Tell" ... Reserve
10.0. NEWS. S.B. from London
Local News and Wenther Forecast
10.10. Tan Kunnburgh

The Arrow and the Song ' Bolic "The Wayfaror's Night Song"

Enthope Mortin 10.25 Close down Annoqueer Victor Staythe.

NEWGASTLE. (Call Sign, 5NO. Wave-Length, 400 Metres.)

3.0-5.0. LIGHT SYMPHONY CONCERT S.B. from Bournemouth. 5.0.—5.30.—CHILDREN'S CORNER. S.B.

to all Stations.

8.30. THE WIRELESS BIJOU ORCHESTRA
"War March of the Priesta". Mendelssobn

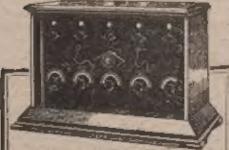
8.40. REWCASTLE CATHEDRAL, QUAR
TEITE.
Hymn, "Abule Wab Me"

8.45.—THE REV. A. E. CORNIBEER, Vient
of St. John S. Belgious Address

8.0.—Hymn, "The King of Love My Shepherd
Je."

9.15.—ALFRED SEASRIDGE (Sele Victor) (Continued in col. 1, page 27.)

The 1924 Model



All Stations on a Load Speaker with perfect reproduction, strength and selectivity.

Two H.F., one H.F. Reet, and two L.F. Power Values, ANY COMBINATION OR NUMBER OF VALVES.

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Cabinet 4-valve £45 Open 4-valve £30

, 3 , £39 , 3 , £26 Apply for full particulars of all models post free TO-DAY.

MORE & MORISON

10, Heddon St., Regent St., W. TEXAS DAY FEEL.

Monday's Symphony Concert.

The Music Described by Percy A. Scholes.

BEETHOVEN-FIFTH SYMPHONY.

THOUSANDS of symphonics have been written, but this one, published 115 years ago, remains, throughout the world, the

most popular of them all.

A brief "listener's" Guide to the four pieces. "Movements," which together constitute

the Symphony, follows.

I. QUICK AND LIVELY,—This opens with a little Tune of four notes. Beethoven himself once called it "Fate knocking at the door." (Say pretty quickly, "Rap-a-lap Tap," and say it in the spirit of a stern police argume come to make an arrest, and you will know the theme every time you hear it in the Movement, which it pervades almost from beginning to

Note, however, that this Fate theme is not always so imperative in its summons as at the opening; sometimes it is a mere gentle reminder, quite in the background of the music, and this is the case, in a minute or two when (just after two loud chords followed by the Fate" motif in the horn alone) a Contrasting Taxe creeps in, as feminine and graceful as the other was masculine and forceful,

Words that would fit to this, and that may make it easier to identify, are "Ob, how lovely is this creature," said evenly and not very

quickly.

Out of these two musical themes (representing two emotions) the Movement is made, and thus is all the assistance I can give you in the short space at my command, but it is really enough!

IL RATHER SLOWLY, BUT STEADILY MOVING. This is made out of two beautiful Tunes, each lasting about half a minute.

The First Tane is, at its opening, given to the lower Stringed Instruments; it is rather

plaintively happy in feeling.
The Second Twae is, at its opening, given to Wood Wind Instruments; it is bolder in style,

These two Tunes having been given out, we have them repeated in alternation, but with Variations.

The contrasts in the use of the different instru-ments of the Orchestra are, in this Movement, one of its chief beauties.

III. QUICK .- This is what we call a "Senergo," the word being the Italian for joke," and Beethoven, as a very jocular man, being very fond of such pieces.

The joke is, perhaps, not immediately apparent, for the movement opens very mysteriously with a Tune in 'Cellso and Double laters. Soon comes a lord Call on the Horns reminiscent of the "Pate" motif of the previous Movement, and these two scraps of tone suffice

to keep the composer busy for some time. Then he ends this section softly and begins another of a different character. Again be opens with a tune on the 'Cellos and Doublebasses alone, but note how, this time, he hurries them along, (The great composer Berliez found a good description for this time; he said it reminded him of "the gambols of an

Then part of the First section returns, and is very beautifully and interestingly treated, and at last we reach one of the most mystical

passages in all music.

Recthosen means to pass straight from the Third Movement to the Fourth, from the Scherzo to the Finale. A passage is wanted so that the one may mergo effectively into the other. Beethoven makes what would, with many composers, have been a more link, into one of the most poetic momenta of the whole work. Whilst the Strings play very softly indeed, the Kettledrum's tap is heard, first in broken rhythms, with a suggestion of the "Pate" motif, and then continuously. Above it, there soon ereeps a soft Violin moledy; the music gets louder and londer, and we dash into the opening of the Finale.

IV. QUICK BUT MAJESTIC .- This is a Movement of rejoicing. It has also, in places, a little of the character of a quick military

march.

The course of the mavement is interrupted by another suft and mystermus passage (based upon the rhythm of the "Fute" motif), and then the military murch bursts out again, and the Symphony proceeds vigorously to its end.

HUMPERDINCK-OVERTURE TO "RARSEL AND GRETEL"

This Overture is made out of musical themes from the opera-the Children's Prayer, at the opening (Horns); the Witch a Magic (Trumpets); The Song of the Sandman and so forth.

LIADOF-HUMORESQUE, "BABA-YAGA."

Raba-Yaga is a dreddful witch, well known in Russia, which is all the distance needs to know. Liadof died in 1914.

MOZART-" LES PETITS RIENS."

This is the liallet Music from a Pantonian (in the sense of a play in dumb show). The music in full consists of a great many little pieces for various instruments, but at one point in it occur several pieces for Strings alone—all very charroing

From the information supplied to me, I take if that the one to be played is the very daintify delicate little No. 10, but it may be that the Passepied " (a very short dance in three-in abar time) and the Gavotte (a rather langer one, four-in-z-bar) which follows, will also be given. You will have to find out on the night!

WOLF-FERRARI INTERMEZZO.

Wolf-Ferrari was born in Venice, forty-seven vents ago. This Intermegan comes from his Opera, The Jewels of the Madonna, an opera of Neapulitan life with a good deal of Neapulitan folk-song in its mosic. There are two intermezzi between the Acts of the Opera, and this is the second, a pretty quick piece in Valse style. Just after the opening, a Flute grees out a pleasant Tune: then the Strings sing one. There are other attractive Tunes, one of them on Oboe

HARRISON WORCESTERSHIRE SUITE.

The Conductor of the evening is also to be welcomed as one of its composers. The Suite comprises four movements:

THE SPRAWLEY ROUND.

II. REDSTONE ROCK - The score says: Redstone (Old English Badestone) Rock, once the bonte of Lyamon, the British historian, about a.b. 1200, now the summer home

of thousands of sandmartins."
HI. PERSHORE PLUMS
IV. THE LEDBURY PARSON.—"To the mensiry of these two munitable artists, Bob and Abel Spragg, who could be heard interpreting this disreputable Worcestershire Song over many glasses of beer, any? Saturday evening in the 'minetice, at the Bridge Inn, Stourport."

LISZT-SECOND RHAPSODY.

One of the twenty Rhappedies Liest wrote, based upon the Folk tames of his native Hungary, and an attempt to figurest the gloom, vigour, and excitability of the national character,

The above mentioned pieces of causic will be brundoust from London on Monday, Fabruary 4th.

WIRELESS PROGRAMME—MONDAY (Feb. 41b.)

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

LONDON. (Call Sign, 2LO. Wave Langth, 365

3.20 4.50. Concert : The Wireless Tree and

Costand Ede (Bartone)

Costand Ede (Bartone)

C.—WOMEN'S HOUR: The Word Trio.

No More Dowely Women," I Marjorio bessen. The Educational Value of Datesing," by Margaret Mozris.

D.—CHILDREN'S STORKES Song, "Fairy Shapping," by Betty Hyman. Solo in the Moonlight, by E. W. Lewis. Story "A Chairm Drian," by Hetty Hyman. Story "A Chairm Drian," by Hetty Hyman. Story "A Chairm Drian, by Hetty Hyman. Story "A Chairm Drian," by Hetty Hyman. Story "A Chairm Drian, by Hetty Hyman. Story "A Chairm Drian," by Hetty Hyman. Story "A Chairm Drian, by Hetty Hyman. Story "A Chairm Drian," by Hetty Hyman. Story "A Chairm Drian, by Hetty Hyman. Story "A Chairm Drian," by Hetty Hyman. Story "A Chairm Drian, by Bryande News.

7.0. TIME SIGNAL AND IST GENERAL NEWS BULLETIN. S.B. to all Nation.

School. "Weekly Book Talk." S.B. to all Nation.

Talk by the Radio Association. S.R. to all

Local News and Weather Forecast

Symphony Concert.

S.R. to all Stations exert Curdiff and Husenessouth.
THE AUGMENTED ORCHESTRA.
Conducted by JULIUS HARRISON.
146. Overture, "Hunsel and Gretel"
Humperdenck

A concription of the isems in this Symphony Concert Programmes will be found on the

Cancert Programme will be found on the Iselag page)

20 - JACK RICHARDS and V POLET STE, HENS! "The Seandalmange."

20. TIME SIGNAL AND END GENERAL NEWS BULLETIN S.R. on all Sections. Local News and Westbern Forcess.

242.—MR. S. M. GLUCKSTEIN: "Medical

45.—MR. S. or Orchester

Saite No. 1 "Carnon" Bharredy No. 2 in G Major 10.30.—Close down

Announcer : R. F. Pale

BIOMINOMANE (Call Sign, 51T. Wave Length, 475 Metres.)

Motres.)

1.30-4.30 Paul Rhamer's Orchestra relayed from Lonells Picture House
5.0.—WOMEN'S CORNER
SIONEY ROCERS, F.R.H.S., on "Topical Hosticultural House" [M.N.].
5.30.—Agricultural Worther Forestal KIDDIES CORNER
7.0.—NEWS. S.R. from London.
JOHN STRACHET. S.B. from London.
Radio Association Talk. S.R. from London.
Radio Association Talk. S.R. from London.
7.40-10-30.—The entere Programme S.B. from London.

BOURNEMOUTH. (Oall Sign, 68M. Wave Length, 385 Metres.)

545. Reginald S. Mount (Son Vinter), The 6BM Trin, Thomas E. Ellingworth (Solo Cono), Arthur Martin, A CO Solo

4.45.—WOMEN'S HOUR 5.15 KIDDIES HOUR. 6.0. Boya' Brigade News

5.15 Scholars' Half Hour : Mes E. M. Reddo, "The Days of Chivalry.

7.0.—NEWS, S.B. from London,
JOHN STRACHEY, S.B. from London,
Badio Association Talk. S.B. from London,
Lond News and Weather Forecast. 7 40 8.0. Interval

Weish Night.

THE BOURNEMOUTH WELSE MALE VOICE PARTY.
Under the direction of DAVID DAVIES.

Codes the directate of DEVID

Aberystwid

Cwm Rhondda

Sign THE WIRELESS ORCHESTRA

Remaniscenters of Wales are, Fred Godfrey

22. RITA JELLY (Suprano)

"The Messing Bent" Brendey Richard

8.30. ANTONIO MEO (Solo Harp)

Selection, "Welsh Akts" are, Meo (unpub.)

24. Orchesten

Walch Bhaosody" Reman

9.0 Rita Jelly Brimley Bichard
Thou Gentle Boys" Brimley Bichard
The Bells of Aberdovey Brimley Bichard
Orchestra.

9.15. Webb Male Voice Party.

Sailor Cheron.

The Land of My Fathers.

2.30.—NEWS, S.R. from London
Local News and Westber Forenot.

8.45. EDWARD HILL (Barnose).

Men of Harbert Webb National Sough.

Minney.

9.55. Orensaira.

Fantana on Webb Airs. Myddleton

10.15.—Clear down.

Annother ; W. B. F.

CANDIFF. (Call Sign, 5WA. Wave Length, 350 Metres.)

5.50-4.30.—Falkman and his Orcinia relayed from the Capitol Cinems. 5.0.—"EWA'S" FIVE O'CLOUKS. 5.45.—THE HOUR OF THE KIDDLE-WINKS."

6.45 - Bay, Brigade News. 7.0, NEWS S.B. from Leader, JOHN STRACHEY, S.B. from Landon.

Radio Association Talk. S.R. from London

Symphony, from "The New World Find Movement Dear World Find Movement Dear British "The Dean Major Nortes 8 25, Band March, "The Call of the East"

Town

Humoresque, " A Weish Switch"

Humoresque, "A Weish Switch "
T. G. Moore
0.45. PROFESSOR E. L. COLLIS." M.A.,
M.D. on "Health and Occupation.
8.25. Songs t "Will o" the Wisp" Levey
Yestom a Wedder Song
Passisted by
9.5.—Band: "The Typo!" Ambrew Timmes
(Arranged for Band by T. G. Moore, with
kind permission of the Fallahea.)
Selection, Squire's Songs Ond Hame
9.30.—NEWS. S.B. Irons London.

B.30 NEWS, S.B. Irona London, Local News and Weather Forecast, D.46, Dunce Music,

10.15 - Close dos -

Aunouncer: W. N. Settle.

MANCHESTER. (Call Sign, 22Y. Wave Length, 375 Metres.)

Motres.)
3.304.30.—Concert by the "ZZY" Tric.
5.0.—WOMEN S HOUR.
5.21. Farmers' Weather Forecast.
5.22.—CHILDREN'S HOUR.
6.35.—Boye' Drugade News.
6.40.—FRANCIS J. STAFFORD M.A.,
M.Ed., French Talk.
7.0.—NEWS. S.B. from Landon.
JOHN STRACHEY. S.B. from Landon.
Igadio Association Talk. S.B. from Landon.
Local News and Weather Forecast.
7.4040.30.—The entire Programme S.B. from
Landon.

Annauncer : Sinney G. House (Continued in col. 1, page 227.)

EVENTS WEEK. THE OF

SUNDAY, FEBRUARY 3rd. BOURNEMOUTH, 3.8-5.0. Light Symphony Concert. S.B. to all stations.

CARDIFF, 8.48 .- Wagner Concert.

MANCHESTER, 8.50. The Bessen o'

MONDAY, FEBRUARY 6th. LONDON, 7.42.—Symphany Cancert, can-ducted by Julius Harrison. S.B. to all Stations except Cardiff and Bourns-

BOURNEMOUTH, 8.0.- Welch Night.

mouth.

TUESDAY, FEBRUARY 5th. LONDON, B.0. - Band of H.M. Royal Air Force. S.B. to Bournemouth. CARDIFF, 7.39 .- " King John " (Shakespeare).

WEDNESDAY, FEBRUARY 6th. BIRMINGHAM, 7.30. Light Symphony Concert.

CARDIFF, 7.30. Welsh Night.

GLASGOW, 7.36.—Special Play Night. S.B. to Newcastle. ABERDEEN, 7.36. Modern Scottish Componers' Night.

THURSDAY, FEBRUARY 7th.
LONDON, 5.49. "The Magic Flute,"
Acts II. and III. (Moraet), relayed from
The Royal Opera Hosse, Covent
Garden, S.B. to all Stations.

FRIDAY, FEBRUARY &h. BOURNEMOUTH, 7.45. - Italian Com-

porers' Night. ABERDEEN, 7.30. Shakespearian Night.

SATURDAY, FEBRUARY 9th.
LONDON, 8.98.—"Samuen and Delilah,"
Arts L and IL, relayed from The Royal
Opera House, Covent Garden. S.B. to
other Stations.

BIRMINGHAM, 7.15.—" Trilby " (George Du Maurier).

BOURNEMOUTH, 7.45.- Request Night. ABERDEEN, 7.30. "The Passing of the Third Floor Back" (Jerome).





WIRELESS PROGRAMME—TUESDAY (Feb. 5th.)

The letters "\$.B." printed in italics in these Programmes alguify a Simultaneous Broadcast from the station mentioned.

LONDON.

(Call Sign, 2LO. Wave-Length, 365

Metres.) 3 . 0 40

1 45

HIGH HANS SNE LOS NUMBER

LABOR

P. S. C. For C. N. C. M. C.

An Hour with Many Nations.

FIRST PHAN THE STATE OF STATE

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Action J.S. again

BIRMINGHAM.

(Call Sign, 5iT. Wave-Length, 475 Metres.)

Concert Party Programme.

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Constant - William V

F - Final - Pr - Pv - D

Work - P - William V

Da - F - F - William V

Da - F - F - William V

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BOURNEMOUTH.

(Call Sign, 6BM. Wave-Length, 585 Metres.)

Metros.)

3.45. The Crystas of the art of the second of the control of the contro

1.0 Les 6.0 traces Person Freez

CARDIFF.

(Call Sign, SWA. Wave-Length, 350 Metres.)

3 of 430 in the action continues and con-ference at a Continue of the Continues and C

THOSE "HOWLERS"

Oscillation seems to be increasing in all districts. The B.B.C. wish to appeal to the sporting spirit of all who are thus interfering so seriously with the pleasures of many thousands of fellow-disteners not to continue this annovance. Captain Echees ey, the Chief Engineer will be pleased to supply free printed information regarding the best methods of avoiding assistant on to all who apply to him at 2, Savoy Hill, London WC 2. 2.3 NEWS ST. Inc. Buch 7.5 V TALLET ESET FOR MINA

Shakespeare Night IX. STATE OF SHIRT OF THESE

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The Saxon of Fine A Saxon of Fine A Saxon of Fine Box of Fine Box

MANCHESTER.

(Call Sign, 2ZY. Wave-Length, 375 Metres.) 3 50 4 70 F September Allen The Manufacture But of

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NEWCASTLE.

(Call Sign, 5NO Wave-Longth, 400

Matres.)

Wave-Length, 400

Matres.)

A fine game in the game in t

415 CANAS ISH

5 CALL DELAN PROCESS AND A STATE OF THE ST

(Continued to col 1 page 227,



Trans-Atlantic Telephony Trials

THE recent relaying by the British Broadcasting Company of the Broadcast transmissions of speech and music from K.D.K.A., the Pittsburgh Station of the Westinghouse Company of America, was a milestone in the history of wireless and reflects the greatest credit on the engineers on both sides of the Atlantic.

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WIRELESS PROGRAMME—WEDNESDAY (Feb. 6th.)

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LONDON.

(Call Sign, 2LO. Wave-Longth, 365 Motros.)

o 30.4 30 -Concert: The Wireless Trio and Burnard Haves (Bass Bar one) 5.0. -WOMENS HOUR "Estal ishing a Te-Room" by Constance E. Mi. er - Minic by

. OF S STORIES (acle Jeft s

PARTY
1 The "Roosters" break their she!
2 A Trap to Fauyland
5 Concerted, "Whenever the Moon is Up"
(Brakem) The "Roosers
6 Secreted Barrione Soio ... Septimus Hunt
5 Musical M inlugues, "The Three Ages of
Man" Recy Marrima.

Man I Know (Grey)

The Busicest Man I Know (Grey)

1 erce Merriman

6 red. "A Fine Old Errish Gent,
(Account). The 'Rocaters

8. WILLIAM BULL! "A Gloss

5. Doet, 'Just Keep on Bancing
Mayer! and Paid;
Vether Mackness and the William Song. "Seneet"

2 Hamarous Song. "Seneet."

3 Tenor Solo Sciented Archar Mackness

4 A Legenarian Rhapsody (Grey)

4. A Vegenarian Rhapsody (Grey) rge W stern 5. Vocal Buet . Tenor and Bar for

Ar far Mackness and Septimus Hant 5. Concerted New Songs for Old (Henry)

9 30. TIME SIGNAL AND 2ND OF ALL NEWS BILLETIN, S.B. to Local News and Weather Frieras 9 45. CAPT H. BLALL BANKIN P. C.S.E., 'Row To Become a Mechanica Engineer.' S.B. to other Stations 10.0. THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS, relayed from The Savoy Hotel Lendon. S.B. to other

Announcer: J. S. Dodgson

BUILDING MAIN.

(Call Sign, 517, Wave-Length, 475 Metres.)

5.30.4.30.—Paul R'mmer's Orchestra relayed from Loxells P cture Units 4.30. The Rev A. E. Forrest on 'Interesting

Books to Read WOMEN'S CORNER

5.0. WOMEN'S CORNER
GODWIN E. JACKSON on Accien, and
Modern Brams.

5.30.—Agricultural Weather record
KID, HES CORNER,

7.0. NEWS S.H from London
ARCHIBALD HADDON, S.B. from London

Local News and Weather Porecast

Local News and Weather Porcease

Light Symphony Concert.

O THE STATION OR HESTRA

Overture: "Geron
Morchan, 'Hamore Donne
Murch Hongroise"

Ra a. Music from "Fadat' Lannon

O EMILY IROUGHTON (Seprano).

South " Departure Day Meth So v Brebs "

8 15-8.45. | Toterval

EMILY BROUGHTON. 1 1 ALICE VALGRAN APRT ASSEMBLE FAMES HOWELL (Barttone) Song Beens, "The Daisy Chant 15. Orchestra _Lehman

Annumeer Percy Edgar

DOVERNE MOUTH.

(Call Sign, 8BM. Wave-Length, 385

Pome for Tis June " Dorning enter Moon Song " May Windows 5. Occasion Dates Suite from " Decumeron Nights Frick

Dance Barn
rot "Last Night on the Back Porch
Rues, "The Can's Whiskers"; Fix-trot
When Hearts Are You'g"; One q

W I am Surprised 930 NA S H from London. Lucal News

9 45 -CAPT. H. RIALL SANKEY 8.8. from Landon

10.0 THE SAVOY BANDS. S.B. from Loudon 10.30. -Close down

Announcer : W B. Keene

CARDIFF

(Call Sign, 5WA, Wave-Length, 850 Metres.)

3.30.4.30. Falkman and his Orchestra relavou

from the Capital Cinema.

6. White State of the Life Me Mr.

Everyman," Talks to Women. Voca and he stramental Artistes, the Station Orchestra.

Wen her Forecast
5 45.—THE HOLR OF THE "KIDDIE WINKS
70.—NEWS S.B. from London
4R(HIBALD HADDON S.B. from London

Local News.

Welsh Night.

7.30. SYDNEY CHARLES will give a Shor Beettef of Welsh Fock Songa, with Harp and

WADAME TALLOT THOMAS
RI W J. HUWS
TALROT THOMAS,
EVAN JANES
NANCY DAVIES (Solo Harp)

Actumn

Spiroung Wheel

Bugeoor Gwepth to

Mer of Hartich

LE STATION ORTHES IN V.

9.30 - NEWS, S.B from London
LOCAL NEWS and Weather Force at
19.15.—Durie Mon.

LOCAL Concerns Thomas

Annuncee : W N Set la.

MANCHESTER.

(Oall Sign, 2ZY. Wave-Length, 375 Metres.)

5.30-4-45. Concert. Irene Merian (Suprano). Edith Beeres (Contento). Frank Kay (Entertaine) L. W. Wildgoose (Tenor) 5-6. MAINLY DEMININE 5-32. Formers Wenter Forecast 5-27. ETUDIEN'S HOLD 10. NEWS. S.H. from London ARCHIBALD HADDON S.B. from London Local News and Weather Forecast.

Local News and Weather Forerast.

2.0.

1418 * ARNER SCHOFFELP DANCE BANI Walta, 'Romany Rose'; Fox trot, 'Sweetie Want Away'; Fox trot, 'Carol na in the Minrong'; Dou-step, "Annas'; Walta, Angelea'; Fox-trot, 'Manacionka'; I stoot, "T Ain't Nobady's Da heag' One-step, "Over There'; Walta, 'There' ick in the Morong''; Fox trot, 'I have the Morong''; Fox trot, 'I have and 'Trees

2. Dance Band

Lawers, 'The Merry Wolow'; Walta, 'Alea Blue Gown''; Rhas, "Blue Danobe Blues''; Fox-trot, 'The Parade of he Ti-Soid sex; Tango, 'Romero,''

2.30 NEWS S H from Localon Local News and Weather Foreinst

2.45. Dance Band

Walta, 'Man Reve''; Fox-trot, 'I a no ville Loa'; One-step, "Ha Used to Sing in His Sleep''; Fox-trot, 'Last Anghl on the Back Porch''; Walta That Naughty Walta.''

10.15.—Close down.

10.15.--Clase down.

Aon Victor Smythe

NEWCASTLE.

(Call Sign, 5NO. Wave-Length, 400 Metres.)

145.—Concert Isabel Funyth's Students'

A4.—Concert Rabet Fursylt's Stodents'
Orchestes

4.45.—WOMEN'S HOUR

5.5.—Chi DREN'S HOUR

5.0.—Schours Hall Hour M. Wor am Care,

1.5.—Schours Hall Hall Mich S. R.

1.5.—Schours Hall Hour M. Wor am Care,

1.5.—

NEVE SE tom Total a

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from Landon,
D.C. THE BAYOY BANDS. S.B. from London

10.37.—Close down

Aparoppeer : E. L. Odfrants

The first word —and the last

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WIRELESS PROGRAMME—THURSDAY (Feb. 7th.)

The latters "S.B." printed in italics in these Programmes signify & Simultaneous Broadcast from the station mentioned.

A DEPOSITE OF THE PARTY.

(Call Sign, 2LO. Wave-Longth, 365 Metres.)

30 CHL Disk NS STORIES Uncle Lean was join Uncle Hampty During ty and Austre Halda in 'Pip at the Zoo

6 15. Boy Scouts of J. C. Ginney News, 6 25. It 55. It forva.
70. TIME 86 NAL AND 18T GEN. RAI. NI WS BI LLETIN S. R. to all Stateous P. R. S. A. St. Holles, the B.B.C. Dramat Princ). "The Weeks Music." S. E. to all Stateous. att Stations.

Radio Society Tails. S.B. to all Stations.

Enca. News and Weather is no at Smith and Programme S.R. to Cardiff, Newcould and In. Smith

With A Personal Vision Vision No. The Poems of 10HN KLATS 1736-821 by C.A. Lewis RIG.

Self by C. A. Lewis

Lyantetis
As Torrei to an Summer English Murris
Over the Wooded Upland by La Chagnall
The Mustrel Boy Committee or Lin advice From My Window. by Physican.

File Special Departs Krewler

Dograde Kre ster Slavorov Da Ar on the G Struck Bach Tambotroi Cla-A 25 Me

Quartett Gayay Songa

Gypty Sangs

Advivesary of the Sith of CHARLES DICKENS

For mes to Dio 1. Ital Monory relaved from the Dicke. Fellowsh a Commemor at on Domor at the Commemor at on Domor at the Commemor Speakers. SIR WALTER LAWRENCE.

4. C. I. V. O. C.B., and others bad. T.M. SIONAL AND 2ND GENERAL NEWS BULLETIN & B to at Stations Local News and Weather Forceas?

4.49. THE MAGE FLITTE, Act II, Monors, adapted from the Royal Operations Circuit Garden. S.R. to all Stations to 30.—MR ADEN S. WALKER, the well-known hotorical amore, on "St. Adams Are S.R. to all Stations

1.45. THE MAGE FLITE," As II (Menor), relayed from The Royal Operations, viewed from The Royal Operations, Circuit Garden. S.R. to all Stations

1.45. THE MAGE FLITE," As II (Menor), relayed from The Royal Operations, Circuit Garden. S.R. to all Stations

11. Closs down.

11 Close dewn.

Announcer J S. Dodgson.

PRINCESSANIA

(Cal) Sign, SIT. Wave-Longth, 475 Metres.)

2.30 4.50 The State String Quartette.

5 0 WOMENS (X)RNFR Dorothy Burcroft

State Spring of in Africa

5 20 Agricultural Menther Forecan

5.30 Agricultural Mentiler Porecant
KADDIES CORNER
6.30. Boy Soouts' and Gul Godles News.
70.—NFWS S.H. from London.
PI-RCY SCHOLES. E.B. from London.
Radio Society Talk. S.B. from London.
Local News and Weather Porecast

Popular Classic Programms. THE STATION OR BESTRA

Overture from The Beltemian Girl Bulga merinezat (cleridge Peopler

HADA KURKA

Residue, "B ly". ... Kemp

4 Simple Little String" ... Monokion
On y Seven Geny
One

selection form " dip Saw " Joice So to. 'The Shoe' Ansch (a) 'The Sabot's (b)' The Baket Shoe (c) The Court Shoe', (d) The Sandal

15. MATOR VERNON BROOK, MIA: Brweeke Talk Motors and Motorns

Hinta, **
9 30. NEWS. S.B. from London
Local News and Weather Forecast

9.45. THE NAME FLATE, Act IL B.H. from London

1) 30. MR ALLI-N S. WALKER, & H Joons

104&-"THE MAGIC FLITE," Act III S.B from Landen

1 20.—Class down.

Announcer H. Ceci. Pearson.

INTO CONTRACTOR THE

(Call Sign, SBM. Wave-Length, 386 Metres.)

345. Cladys Ives' Concert Party: Everyn Durrant (Soprano), Gladya V. Ives (Cun (calto), Jay Biskeley (Ebountomst), Reginald N. et (Tenor), Norman Grundy (Barstone), (say Hartley (at the Piano)

4.45 WOMEN'S HOUR.

6.15.- KILDLES HOUR

6.0. Box Scouts' and Girl Gudes' News.

6.15.—Scholars' Hall Hour: Monstett Peppin, B.A. (Paris), "Language Talk" (French).

10.— NEWS. S.B. from London 12-RCY SCHOLES S.B. from London Radio Society Tolk. S.B. from London Local News and Weather Forecast

* 35-41-20 The entire Programms S.B. from Landon

Announcer: W. B. Keene.

CARDIFF.

(Call Sign, SWA. Wave-Length, 350 Metres.)

West ar Forecasi

5-40.- Boy Scouts and Ord Gordes' News THE HOLR OF THE "KINDS

WINKS.

ALTERATIONS TO PROGRAMMES, Etc.

S THE RADIO TIMES goes A to press many days in advance of the date of publication, it sometimes happens that the B.B.Q. finds it necessary to make alterations or additions to programmes, eto, after THE RAPIO TIMES has finally gone to press.

7-0.- NEWS S.B from London
PERCY SCHOLES. S.B from London
For a No. y Talk. S.B from London
Le a News

35-11 20. -The entire Prominent S.H from Landon

Annuancer A Curlot Smith

MANCHESTER.

(Call Sign, 2ZY. Wave-Length, 375 Metres.)

11 30-12 30 .- Concert by the | 2ZY " Tero. 0. WOM N 8 HOLB

5.25. Farmers West for For as

5 80. CHILLRENS HOUR

6.15.—Boy Scouts and Lift Goden News 6.25 FRANCIS J. STAFFORD, M.A., M. Ed. French Infk

PERCY SCHOLES. S.B. from London.
PERCY SCHOLES. S.B. from London.
Radio Sonsty Tem. S.B. from London.
Local News and Wenter Forecast

7 35 W H. CRADOCK'S GUEL AND MADRIGAL PROZE CHOIR

Seremont

JEAN GORDON the critation is Scheme in Scheme d anson.

fact Songs, "In Sutures " In Silent Night" | In Silent Night" | In Silent Night | In

8 4.5 Tena Gordon (Entertainer) in Selections from his Reportoire. .

O. T. H. Morrison.

North Country Folk Bongs Come, Borothy Come Body Songs Traditional

9 10. NEWS, S.B. from London Local News and Weather Foreignst

9.40,-THE MAGIC FLATE. Act II S.R. from Lundon

10.30.—MR. ALLEN S. WALKER. & B from London

10 45.- THE MAGIC PLUTE, Act III. N.B. from London

11 20. Chee down.

Announcer Victor Smylie

NEWCASTLE.

(Call Sign, 5NO. Wave-Length, 400 Metres.)

- 944 Concert: Ella Dert (Soprano, Dan Jucthe Salt Sux Jame
- 44 WOMEN'S ICI R
- 5.15. CHILDREN'S HOUR
- 5.86. Stronger Hol. Pours. Mr. J. J. de B.Sc., Talk on "Posts and Poetry Part 0.20.—Boy Srouts' and Garl Gardes New
- 6.40. Farmers' Corner
- 7 (2.—NEWS. S.B. from London PERCY SCHOLES, S.B. from London Badio Society Talk. S.B. from London Local News and Wenther Forcess

7 25-11.20. The entere Programme S.B. from London

August 12 t Pratt

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WIRELESS PROGRAMME—FRIDAY

(Feb. 8th.)

The letters "8.8." printed in Italics in these Programmes signify a Simultaneous Broadcast from the station mentioned.

LONDON.

(Call Sign, 2LO. Wave-Length, \$65 Metres.)

2.30-4.30. Concert: The Wardens Trie and Cade Carriner (Tonor)
5.0.—WOMEN'S HOF'R: "Wives Who Never the Out," by Olga Bounch, The Wireless Trip. "Pearls and Pearl Finning," by

15 7.0. - In trea to the Stock N. AND IST GENERALL NEWS BLILETTIN. N.B. to all Statement G. A. ATKANSON (this B.B.C. Film Critic) Section the Serven. 'N.B. to all Statements and News and Weather Forces.

Musical Comedy Memories. 7 30. THE WIRE ESS ORCHESTAN A cell from Too Merry We by " Lehne bertare." The bradians Money to the least to be a l A1 1 "

1 AVDEA COPEN. Recomme The Divarito of Fine Seath Seath Seath Boy "A The Cereby Seath Feb. 1 Key 1

Fig. (* (1.88) S. 1 microst) will be to reced by NANCE HARN'S.
Tires Diagon from "Hulio Amer. Frack However Lind" (* Dorott's) (* (fleet comp. Addias.") (* The Courts of the Patter comp. Addias.")

Melodies from "A eminopo Meanager Non-stag Dubring 1 The Bestion Process Nonserg During 1 The Bennes Process Kennes 6 to Att 1 3 (1 J. Aller A. A. M. List T.

No. VI | 3 H J ALLEN AM hist T So sty in Radway Tee d. TOME SIGNAL AND 2ND GENUTAL NEWS BULLSTIN. SH to all States From Na. and Weather Porcess Li. Sympnomic Porch, "Lea Prändes. Livit Names Romes (Comediumn) will be object rapited by Fred (Bloom. Lander March Page. C 70. Close down

Announcer R E Pourier

DATE OF THE PARTY OF THE PARTY

(Call Sign, 51T. Wave-Longth, 475 Metros.)

30 + if | 1 | 1 | 1 | 1 | norra Orchestra relayed

All the feether by the feether was

THE STATE OF THE S

7 son Span of Request It 8.15 ft.45. Interval

Special Request 11

JOSEPH C WELL'H (Solo Bun-More and hey so and On West The Lyen Walk .. Borneste

10.10. Special Request 1 + 10.30. Clase Cour Anno morer. H. Cecil Psychon.

PRETATE AND IN A LITE

(Call Sign, SBM. Wave-Longth, 385 Metros.)

The "GOM Trio, A an Franklin (Solo Pipus a, Reginald S. Monai (Solo Violai 43 Works N S ROUR

1.1 KIDDLES FOR W. J. Woodward

1.1 Seleka Reference Stars

1.2 News. Soft Franklin

1.3 ATKINSON, S. B. franklin

1.4 ATKINSON, S. B. franklin

1.4 I. N. Se and Womther Foreclass

7.10 2.45 Are and

Italian Composers' Night.

745 -CAPT W. A. FEATH, RSTONE on Itacana Opera

THE WARLESS AUCHINTED OR BESTIG

CAPT W A FLATHERSTONE

8 15. BEFF KELIAWAY (Tonor Face of the Control of t

b DUROTHY STREET (Sopra : 1 to 1) Arte " [La Tosaa '] I'm Saper Vorreste (Un Ballo in Muschera

is a gamee of the Hours " (" La foremula a horas from

9 15 Ballot Wester, Sie han Vispers > n 9 15 Ballot Wester, Sie han Vispers > n 9 30 No. VS. S. H. from London Lond News am Westers Farcus 9 43. Berothy Steres 1 na voce poen for "("Il Barbiers sh. Sie "One Pine Day " | Misdoon Butterfly ")

9. 6. Port Kellingar

S Laicevan le Stelle * (" La Tosca ") Puccini

* Vesta la Ca Una — La nor — L'ancreallo

Excepts from "Bladame Butterfly " Putcini 10 fő.—Clase down.

Announcer : Berirain Fryer

CARDIFF.

(Call Sign, 5WA. Wave-Longth, 350 Metres.)

3.30 4.30. «Falkman and Lis Orchestra relayed

from the Captoff to the lower than the section of t SHIPPE

G. A. ATKINSON. S.B. from Landon

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

LOTTIE WAKELYN'S QI APTETTE MARION KLMPTON, Bopanie LOTTIE WAKELYN Centra:

DAVID THOMAS

TALBOT THE MAS Be?

THE STATION ORCH-STRA

700. - March, "Le Prophète" ... Megriber:
Entracte, "Andant no " ... Leouire

60.

Quartetti
Song Cycle of Early English Measiles
Floras Le S. cere Lane W. son

Flora s I c to some ore Lane W son s : S. In Dowland Hearth
David Thomas Heient

David Thomes 1 1 1 1 1 1 1 a finishman Separtion * First a T

a) 'Mornog Song with Bright for ra

(Words by Ft. cher 1576 by

80 C Words by I Decker,

1 15 7

30 MR. HEN WILLIAMS, of the Jennia Employment (Education) Office Carrier, Choice of Employment for Reve and Ces th

9)
See, at 4 to 1 and 9 to 1 one or Value Cyne. Squera It ildrenfel

Charles S. W. G. J. C. Morrie

10. Fright M. J. F. gland J.

F. Janet.

2.30. NEWS S. H. via Jen. in

Local News and A. a. ve for ast

2.45. Datase M.

10.30. Close down. Burley

Vines, or A. H. Goddiner

DESCRIPTION OF THE PARTY NAMED IN

(Cail Sign, 2XY. Wave-Length, 375 Metres.)

E. A. ATKLASON S. R. Jenn Look Local X was and Wenther Forecas F. D. *2ZY ** Old HESTAA Mar. ** On the Quarter Dest Overture, ** Opera Bom SORIS RALLOW (Sc., pane)

* Smile of Spris Fletche

* One Muron, V. Squidese:
Mr. C.V. ON a face John Week,
KLINTON SHEPHE O. B. 2. Fletcher Sanders a

The Watelman ... Square Tomary Lad" . Margetson S. Var and Tomarka a Tomarka a Kowers and Hird Songs.

"Villanelle"

Vilhmelle" det Aeyan Tanglits Have Wiegs".... Lein Leham a

1 straights fract Witter Letter Letter of Selection of Selection Letter of Letter Letter of Letter Letter of Letter

Chest tre Lettitutes) Spanish Talk 10 30. Close down Amounteer Destrocts of a

NEWCASTLE.

(Gall Sign, 5NO. Wave-Length, 400 Metres.)

L.45. Conject: Gaid va be a consequ. A RCALL R.A.M. (Solo Por d. William R. Kares, Bardonet Ralph Jacobson (Solo Cello 4.45. WOMEN S BOLD R. 5.15. «CHI LICENS ROLD M. W. F. C. Leepagn, Talk on "Refrigeration bold Research Company". Enter

(Continued in col. 2, page 227

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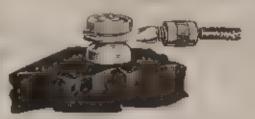


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WIRELESS PROGRAMME—SATURDAY (Feb. 9th.)

The letters "8.8." printed in italics in these Programmes signify a Simultaneous Broadcast from the station mentioned.

EXTENSION.

(Gall Sign, 2LO, Wave-Longth, 285 Metres.) 3.0 Frages of Sacred Music by the LONDON SYMI HUNY ORCHESTRA and Ube

remyed bean Southwark Cathedral

Song of Destiny

As of Symphony

Longham Williams

Tw. Poalma

"Hymn of Jesus"

Longham Williams

Most Hymn of Jesus

Tw. Poalma

"Hymn of Jesus"

Longham Walled Lynn—Tenor

"Lordennar Chats" by Maron Cran. F R II-8

Fig. CW-LI REN'S STORIES. Anatom Souther at the Plano. Refined Kearton of Wild Bard Adventures, read by J. Rahaels Young. Children's News. Wifred Lynn—Tenor

Tegral 7 (

7 D. T.ME SHANAL, AND IST GENERAL NEWS BY LLPTIN, S.R. p. - St. Last News at 1 Western English to the control of the Company of the Management of the Manage

tion Foot at L. THE WIRD LESS TR O

20. THE WIRE LESS TR O
Love Dates from 'Madam Chorry' Howhare
THEOLOGE CORDES (Baritone)
The Mercan do Marine' Gordan
The Storm Flend' Recekel
LANET TOYP (Entertainer at the Fiano)
The Wire Studies
The Womess Tries
We awas from the Merry Womes Lich of Theodore Cordes
The Song of the Yolga Boatmen
The Will' Recekel
Junet Joye
Impersonations

Janet Joye
Impersonations
Heaps of Lockin 1"; "Jost Her Way "
50.— KAMSON AND DETHLAH;" Act 1
15 So. 1, relayed from the Royal Opera
16 Covert florder. S.B. to other Suc. 16
19 No. WAND AND DELIGATE Retained
19 SAMSON AND DELIGATE Retained
19 SAMSON AND DELIGATE Revol Opera (4) SAMBON AND DELLOAD AND Operation of the Royal Operation of the Statement of S

BIRMINGHAM.

(Call Sign, 517. Wave-Length, 475 Metres.)

8.30 4.30,—Keldner Concer 5 WOMEN S. Och 5.30,—Agricultural Weather Forcess KIDDIES CORNER; Further Adventures of Science U.S.

7.0.—NEWS. S.B. from London Local News and Wenther Process, 7 to. TRILBY

TRILBY "

(Ora, da Monner)

Proposed by Si ONEY RUSSELI

Traby O'Fared NAME BROTH REON Vinerd & MARY CURBETT WALLINGS

Vinard f 3.484 (DROELT WALLIA VAS VA NO BORN FOR THE LIFE TAY) FAT AR A NO ALCA CAN Zanna Little Billia LANCARD THORIF Colonel Bow FRANK PETTING BL. Tay and A RESERVE TO FINARE STEAR PLANK PETTING BL. Tay and A RESERVE TO FINARE STEAR STEAR STEAR TO FINARE STEAR S ×1 0

S.45. * TR.LBY " (Conta.).

(1.0. ERIC SIDNEY adular
"The Jowe) Bong " (Faust ") Chund

"Chila In persons.

Deak to Me Only

16 15. SIDNEY LEICHTON (Enterts ner)

\[\Londor Melogration \]

10 30. NEWS. \[\text{S} \] \[\text{Report to fine} \]

\[\Londor News and Weather Forecast \]

Footin P Beriew Annuager H Cecil Pourson

BOURNEMOUTH.

(Call Sign, 88M. Wave-Longth, 385 Metres.)

3.45 Concepts Vern Norton (Mezzo-Sopranc). to a se Hodend (Sopreno), Asian branene sor Pianofortel. 435 WOMEN'S HOLD

17. KLMDIFS HOUR

6. Scholars Ball Hour J Seed ergood,
FROS. M. Sout at

76. New S. S. E. from London
Loral News and Weather Forecast

716. EDWARD C. LUIN, M.R.S.L., "More
Homours of Commercial Travelling.

730.7.55. for 10.

Request Night

4 OT W A. FFATULASTONE, on 1. 11. 14. Programma THE WILLIAS ALLMENTED ORCHESTRA

ORCHESTRA
Conquetor (CAPT W A FEATRERSTONE
8.0. Overture, "1812", ..., Tebudorsky
8.10. Selection, " Maxime Bu terfly " Puccess
8.0. S. over the Captain Bu terfly " Puccess
8.0. Lave upon Fuels " New World Sen

S.1. Sleougn, "Lily of Kmarney" Benedict

S. Intermezzo, "Cavadecia Rusticada"

S.B. from Landon 18.30.—ALWS. S.B. from London Loral News and Weather Forence

10 45. Close down

CARDIFF.

(Call Sign, 5WA. Wave-Length, 350

3 30 4.30. "Fackman and his Orchestra retayed from the Capatol Cinema.

O JULY STRUE O'CLOCKS.

I THE HOUR OF THE "LOLIE

54 TH WINKS 70. NEWA SB from Londor 74a.—MB. WILLIE C. CL.SS. TT on Sport of the Wrek

Popular Night MADAME GINTER WILLIAMS, Segrano CICELY FARRAR - Contralto FORN POLLINSON Temps HOHN COLLINSON Temper to the ANVILLE DAVIES Bart me to the Collins of the Collins

face).

lace).

8 26. Convoice Dones: "Interciple (Easthape Mart) Hatfield Bells" (Easthape Marton); "Song of the Clock" (Burchill)

8.30. JOHN HOWELL, Boys Department of the k M.t A.; Chat on "The Colory Boy or of this Hours of Legace."

Man times of Leonard Mand of the Mont times (Semson)

8.65. — Madanie Camter Williams; Blackbook Sing " (Jones), "Wise Folly" (London

Rosold); "I Lova the Jorand Dance (Walford Danies 5. Oretostra : Selection. "La Boheme" "I Love the Jorand Dance

(Puccial).

(Puccia),

8.15.—John Codinson: "Jean" (Manyory Meade); "The Robin" (Mand Wengate),
Just for This Hour" (P. D. Welliams)

9.25. Ore-sectra a Concert Valse "Valse da Triomphe" (Francese).

9.30. Lances Masse

11.30.—NEWS. E. B. from London

Local News and Westner Forceses

10.45.—Cless down

10.45.—Close down

Announcer, W N South

INC. THE REST. OF

(Call Sign, 22Y, Wave-Length, 375 Metres.)

3.30-4.30. Concert by "The Merry Monarchs"

Concert Party
Concert by "The nerry monarcis
Concert Party
WOMEYS HOUR
To Patrician West har Foreman
To CHILDREN'S HOUR
C.St. Organ Recital by Mr. J. Armatage,
E.B.C.O., retayed from the Piccaduly Picture

House.
NEWS. E B from Landon social Naws and Weather Forces. 7 15-7 45. Interval

Popular Night.

Musetta's Song (La Bohena)

Orchestra

Communi Sketch, "The Villago Circus

B) 2 - 1al request.)

The SIRFESSOR has a Safession to make

In a Person Market "

Pairol, "The Wee Macgregor " Amera Sketch, "A Southern Weelding ... Latter VICTOR SMATHE and Algo By off Correlation

The new of the Walford Dames La Boards of Max Walford Dames of the See Seen at Leasure rec page 143 SAMSON AND DELILAH," Act IL

S.B. from London
1) 30. NLWS. S.B. from London
Local News and Wea her Forecas.,
10.45. Close down.

Announcer . Victor Smythe

MULTIPOMETER.

(Call Sign, SNC. Wave-Length, 400
3 45 tower The why rag Tric
4 45 WiMFAS ICLE
0.0. Scholard Half Hour Mc T R. Williams,
Talk on "Wales and its Prople," Part 2

C.36. Farmers Corner 7.0.—NEWS. S. B. from London. Local News and Weather Forecas 7.9. MR. R. E. PICHARDSON on "Gar-

7 3. WILLIAM A. (SKONSF'S MILITARY BAND.

Sefection, "Soily"
7 48. GEORGE HARRIS (Tenne).

Jack

The Lattic Irish Girl " Lohr

5. ARTHI R ROBINS So term

'Th Sing Thic Songe of Araby " Clay

S Mittery Band

Parade of Tin Self-core " Jewel

Buntan

The complete Branch Branch St. A. S. S. C. S. September A Summer Night Thomas Rushmer Song The Control of th

"Com ng Home" Willow Willow & B. Jean

La du., Annauncer, R C Vre

Behind the Scenes of the B.B.C.

A Book About a Great Undertaking.



TEW listeners have more than a vague idea of the extraordinary activities of the B.B.C. Fow real ze, too, that the present state of excellein broadcasting has been reached in bitle over a year. In "Broadcasting from Within" (George from W.thin" (George Newnes, Ltd., 2s. 6d) Captain C, A. Lewis, Organiser of Programmes · the B.B.C., tells the

story of the Company's history

It was in 1922 that the B.B.C. came into serve being, and the handful of ruthiniast pioneers were faced with difficulties incomerable. There we were," says Captum Lewis, "a round half-dogen people, with the whole Company's organization to set in motion, confronted with new and difficult problems on every side, with no precedents of past experience to go upon—and over without an office to work in."

Order Out of Chang.

Eventually a large room was found in kingsway, adjoining which was a small cubicle for the are of the General Manager

The telephone Pandemonnum reigned t wer stopped ringing, the typewritem contropped elicking, the duplicating mach medicated for dear life, the office was bombarded from morning to night by the Press, the public the wireless manufacturer, people of every kind and class who, for some reason or other, were

nterested in broadcasting-and in the mids! of all this streamous activity, the policy and direction of the Company were maintained."

The first big experiment was the broadcasting of opera from Covent Gorden-barely three months after the B.B.C's inception. An excited band of seven assembled in a little room on the top floor at Marcom House, where a loud speaker stood on the table.

Arranging the Programmes.

" Suddenly, with a loud chek, it was thrown into circuit, and a confused babel of noises was let loose. At first indistinguishable, it soon became apparent that we were bearing the tack and rusting of programmes in the auditorium I cally, there was a burst of clapping, which died down to dead silence, and was followed by two sharp raps, a second later the huge orchestra had laspt into its stride, awelled up to a great crash of bross and cymbals, which could be heard all down the corndor at Marcom-He use. Our excitement was immense.

Perhaps the most interesting portions of the book, from the listener's point of view, are those which describe the arranging and building up of the programmes. The tremendous amount of labour that these entail cannot, indeed, be requized unless you read Captain Lowis's description of the duties of the various people concerned

It is safe to assert that no one who has road Captain Lewis's volume will put on the car 'phones again without marvelling at the remarkable organization that is nutuatering to his, or her entertainment and matriction.

The London Station Director.

By One Who Knows Him.

THERE is a person quarters of the B.B.C. who has not vet been described in these pages, out about whom asteners are curious. He does a great deal of announcing, takes his due part in

tuce, too, contracter to the programme by singing though these, of course, are side issues where he is concerned. Station Director, Mr R. F Palmer



Mr. E. F PARTER

He is the London

He combines these various medentals with the more arrivous task of collating the ELO origrammes, and like many other R.B.C offic als, often begins his day at 9 30 and ends it somewhere between 10 and 11 at night

"Ragged" by the Uncles.

Mr Palmer is not too abort and not too tall-that "in between" size, you know and he is tather good sonking. (That is mentioned for the benefit of his many wireless admirers, who have often decisived that they are sure he like his voice, must be "awfuffy nice.") He is temarkany free from the little tricks of manner which characterize most men, though when he IN THE PARTY HAS FOR A SOUTH AND into the microphone, he has a bobit of pulling at the flaps of his pockets, and pating himself here and there as though to reasons himself of his own existence. Probably he is merely concentraling on the song, or whatever matter is in hand, but that's what it looks like.

He is an old friend of the children as Uncle Rex, and his quiet manner is an excellent foil to the chaffing of the other Uncles, whose ragging ' he accepts with the best of good

In Two Places at Once

Always he is pleasant to have dealings with, and he is one of those people who are not only ready to do their own job but are quite ready also to help someone else out, without that gridging sort of assistance which is sometimes

A warms to the Studio during the progress of Mr Palmer's readment to explain the various attreactes of detail, and his apparent ability to be in two places at one time, as evidenced by his quick self transportation from 🕒 the mean If he seems a little breathless sometimes at the microphone, listeners may be sure that he has switched lumself at no meonsiderable velocity from, say, the Control Room to the Studio, St Je s on strems of the Wireless Orchestra.

Strenuous Timer,

Mr. Palmer has been amberated with the London Station since the carbest days of its meeption, so he is naturally very keen on its development. He has watched it grow, and prefers the steader development of the latter months to the first wild growth, which, in fits and starts, tried to burst its bounds.

His attifude is perhaps a little cantions, when big innovations are discussed, but he has been through some very strenous times, and must be glad to are the young broadcasting giant properly yoked and working steadily.

Celebrities. Tuneless

Farnous People Who Disliked Music.

N view of the increased appreciation that is being shown nowadays of good mune, owing to the fact that breadcasting is bringing first-class musical programmes into the homes of the people, it is interesting to note that many famous men have been practically devort

of any "tone sense" whatever.

Dean Stanley, for instance, the "little Arthur" of "Tom Brewn's Schooldays," and in later life, a famous Dean of Westminster and a great favourite of Queen Victoria, was quite tunckes. The charm of the heautifully-tened organ which is one of the Abbey's great sung by the famous chors, were quite lost upon b m. He had no ear for music, although he was a man of great culture and a lover of poetry and its chythm.

A Dean With Two Tunes.

Strangely enough, another dean, much in the public eye, is tuncless. This is Dean lings, who has carned, by his somewhat lugarious view of 14 and his pessionally atterances, the mekname of "The Gloomy Dean." Perhaps his dealness to tone, tune, and time is responsible for his persumma, for a world without muse must be rather a dull place.

However, Dean Inge can neither sing nor recognize times. The only two times he knows according to his own confession, are "God Save

Archbishop Temple used to tell a story against himself, how, at some mission, he was standing beside a big navvy, and they were supposed to be singing "Onward, Christian

Soldiers." The great Archbelion was another eleric who was practically tone-deaf, but, like many other people who cannot sing, he was always willing to "do his best." The navy knew the tune and could sing, and he kept looking adeways at the amphishop not the could and it no longer. At last, he whapared, to reely, "Shut up, carn't yo ? Yo're spolin th' show ! "

Couldn't Learn "God Save the King."

Most people know that Charles Lamb was utterly and hopelessly deficient in musics. gifts. He had no car for music at all. He could not have sung the National Arthein if he had been offered a fortune for the performance, and he could not recognize it when song hy another. Yet he has put it on record that he had bried for years to learn "God Save the han by humaing it over in the most solitary places he could find, where no one was likely to carefuence

Robert Southey, who was the Foet Laureate and a very prolific post, too, was utterly tun-less and lacking in any appreciation of musi-and it is a remarkable fact that many poets have been almost equally deficient in any faculty of musical appreciation. Tennyson gave great offence to a lady composer who had been specially asked to play over and to mag her setting of one of his lyries, by leaving the room mutlering that he could not bear to hear his beautiful verses rained

Sir Waster Scott, although his poems gallop along in the most amazing rhythmic bests, had no ear for masse.

the Forbidden City. Adventures in

A Talk from London, by Dr. William M. McGovern.

Although he is still ender thirty, Dr. McGovern is one of the most remarkable of fiving explorers. His knowledge of the Intin known country of Tibet and its people is unrivalled, and in the following talk he tells how he penetrated, in diagune, and the "Ferhidden City" of Lhasa, the home of the mysterious Dalai Lama.]

COR years out, of memory Lhase has been the mysterious unknown land of A. enshrouded in a must of myth and strange transition, to which adventurers and sciencify explorers have turned their foutsteps in a year effort to pierce the gloom of ages. Many attempts have been made to penetrate through that shoopstable land, which forms the backbone of he world, and to reach sacred Lhasa, the Perhalden City, the most of the incarnate Runcia , he person of the Dalai Lama Emperor and God to his people,

A Secret Adventure.

But few have gone far before being torned back, or even succumbing to the attacks of he merciless, foreigner-listing monks, whose resentment of introders revenls itself in a violent manner. These red, or fighting, manks crowd together in celibate communities of many thousands, all over the land, sometimes their monastery bousing as many as 80000 turbuncaand lawless fanatics. Such is the Drepurg Monastery pear Lhasn

When in the East I developed a lively interest a Tibet, the language of which hand I studied for some while

Later on, I formulated my plans of proceed a sline and in dispuse to Linea. The organization of the secret adventure took

some time owing to the need for the utmost care to avoid any mkling of my intentions leaking out. When I had quietly calisted a special servant, a couple of coolies, and a syce, purchased surreptationally a couple of pozice and some mules and had laid in some special stores, I was ready to set out on what was ostensibly a tour round Sikkim for sesent fie purposes.

Lack of Food and Blinding Snow.

In order to avoid attracting attention, I led

the way through wkson by deserted byways avoiding villages as much as possible, up to the Pass Country The mareling was ardonus and in the passes we were met with blinding enovatorms which made progress most difficult. The weather become more and more threaten i.: and in our struggles forward wo were absolutely exhausted, the animals being quite done up. Our food suppues ran out also, and we had to make for the village of Lachen to lay in fresh etoeks.

It now became necessary to explain to my servanta, who were hitherto in ignorance of my object, that I hatended crossing the Keru-la to enter Tibet. Also the time had come for me to assume some sort of disguise. Hitherto I had been satisfied with semi European dress but our direction was now so obvious that I had to avoid too close attention on the part of natives we might encounter

The next few days were a meatmore on which I do not eare to dwell too lone

Under the Chamiomo glacier, where we endekvoured to pitch camp one evening, the ground was frozen so hard that the .ran tent pege we carried were useless

With great difficulty we crawled up and up to the 17,000ft, mark, and here realized we had won through, though almost too dead seat to rejoice in the fact.

I Become a Humble Cooke.

With many a pause on the way, we reached at sunset and stude of 18,000ft, and found the descending path, for the tempesturus winds which cut us to the bone had blawn the above into the gulles and ravines, leaving the earth exposed. We camped on the broad summit of the pass, and that night I revealed my whole plans to the servants, instructing each in his new rôle, particularly the dare-davil, "Satan," who was to assume the post of master, a merchant on pilgrimage to Holy Lhass, while I became a numble coole, the better to avoid detection.

A attle putrid mest, a handful of barley flour, and the eternal ten being the only food, we were perpetually hungry and cold, added to this the fact that by now the Tibetana were aware that I was making for Lhasa and were searches high and low for me.

Fearing that in these circumstances Lhasa might be barred to me, I laid the path to Shigates, the second city of Tibet, the seat of the Tashi Lama, whom I had the good fortune to see, and who ranks as equal to the Dalar. Lame in spiritual matters

From Shigatee we made for the Brahmaputra, and followed the course of this mighty river to almost within sight of

Linea. When one day we came in eight of the Potals, the great passes of the Dalar Lama, I was so ill that I bad to be earried into the city, which was crowded with monks. It was the begaining of the New Year period and the population had awolled from 20,000 to bear a hundred thousand per-

chiefly the turbulent lighting monks, whose violence and lawlessness render life a macry In Tibet

An America New Year.

We had difficulty in floding a place to rest in, but eventually prevailed on an official to house us, and I was dumped down in a bore room overlooking the central market aquair. Strongely enough, the man to whose betwee we had come was the official in charge of communications, the ency man who had received the information that I was attempting to reach Lhaza and who had sent out the orders to the pravincias officials to stop me and turn me out of the country

The next morning I announced my presence to the city magistrates, who were somewhat upeet, and, after deliberation, they advised me to keep closely indoors, because, as in the quatom to keep racecy income, the city was handed over to the monies of the nearby Drepung Monastery, the abbuts taking charge for twenty-one days, while the ordinary authornics are deposed These monks are the foreigner hating fighting priests, whose excuses are hard to reconcile with their religious principles.

Duguised Amongst My Enemies.

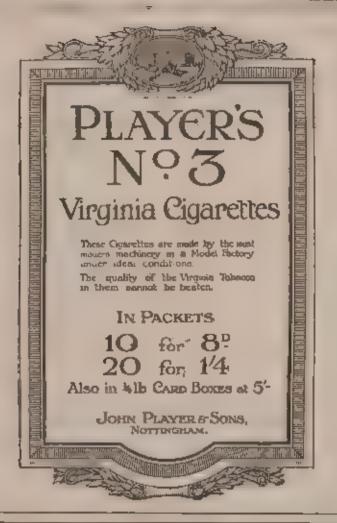
Somehow or other it haked out that I was in the city, and the monks aroused the populace to make a demonstratum. Crowds collected beneath my window and, urged on by the menka, who formed a great part of the demonstrators, throw stones and ened out for my blood. As entrance to the building was next to impose ble, and as the crowd -- I no firearms, I feet for to secure, and, doming my disguise, crept out by a back door and, joining the mob, lent my truck to the din, MERCHAN BUTTON stone, though carefully avoiding my' window.

At last the time came to leave, and with an except of Tibetan soldiers, I made my way back to lada.



Mr. Y. R. Lesstr "Great success, my new valve set, old man! Got America last night without any trouble."

Mr. Waggy: "Umng dry cells, of course?"



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WIRELESS PROGRAMME—ABERDEEN (Feb. 3rd to Feb. 9th) Feb. 9th.)

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

(Call Sign, 2BD, Wave-Length, 495 metree.)

SUNDAY.

TOTO THE SYMPHONY NORTH 5.0-5.30. 4 HILDREN 8 CORNER. S.B. 5.0-5.30. Change from Newcourte 8 30. NANCY LEE, L. B.A.M. S. P. Viell n

O U NING ON Sept to B 40

0.8

The EV M IN SI MOWARI II is to the Name In

Hubay Linence

9 2

MONDAY.

3.20-4.30 The Wireless Quartent and Jeannie

3.30-4.30 The Wireless Quartest and Jeanne Sangster (Suprano) Operatic Afterdoor 5.0. Women'S HALF ROUR 5.30. CHI DICEN'S CORNER 6.0.—Weather Forecast for Lames a Second 6.30. Buy Scoup's News. Brunemar Second Area 'Camp Fire Sing Song,' arranged by District Sentimater A. F. Heyop, 6. No. 1. A. Camp Fire Sing Song, arranged by District Sentimater A. F. Heyop, 6. No. 1. A. Camp Fire James London Later 1. A. Lames and Weather Forerast 1. A. Lames and Weather Forerast 1. A. Camp J. Ca it 3 In entire Programme S.B. from Luna H J. M. Kee

TUESDAY.

3.30-4.30. The Wreless Quartette and William M Crough, Barr one), Irah Al, ernoon S.B.—We MEN'S HALF HOUR R 5.30. CHILDREN'S CORNER 6.0. Was er Forceast for Farmers. 6.5.—Formers' Corner t William Craughead, Weekly Agricultural Notes Andrew Buchan, Horses and Horse Show-

70-NEWS & R from London
Loca, News and Weather Forecast
715. THE WIRELESS OR BESTRA

15. THE WIRELESS OR BESTRA
Sunnis from the Sound South "It minutes
Plantation Sough, Jukes and Melodies by
MURRAY'S MISSISSIFFI MINETIES, S
Opening Chords, "Good Evening, West
Folks" Traditional
Solo and Cherus, "Golden Dreamhoat"

Wolfram Michie.
Masten, Oration. "The Lecture "Scott lently
James Webster
Pursa ion Song and Chorus, "Black diage a
Trade, conf.

La Lan Murray 1

(The song Bastrates the days of slavery before emancipation. An old there, all with his little boy makes his escape, bu-

Lies Dreating Posts Where My Love Foeter

Berenade, ' Monel ght Down in Dixie " Winkel

Jokes and Witherams by the Curner Men. 8.0. JOHN KEIR, J.P. F.E.18. Aberdeon

9 30 NAN STATE TOWN TOWN TO WAR LOCAL NEWS and West for Forecast.

Aburdaen Wreiter Forecast.

Aburdaen Wreiter Grebestra.

See a f S. 2 year on A. 3 Who as a finite of March of March of March of March of March des Petits Provents "Hadron

(Arch. March des Petits Piercols."

Hadion

(Arch. Marray and A.f. Kerton.)

Burlesque Oration, "Women's Rights."

Traditional

Arch Marray and Master Jan. Fraser.)

Urand Finale. Good Sight." Scott Gatty

(Arch Marray and Troupe.)

Jekes and Withdrams by the Carner Min.

10.30. THE SAVOY OBLHEANS AND

SAVOY HAYANA BANDS relayed from

The Savoy Hotol, London

11.0.—Ches down

Vincencer W. D. Same

Vinconcer W D Suppor

6.0. Weather Forceast for Farmers
6.5.—MADAME LEPEVRE, French Tack
No. 6 and Instruction.
7.0.—NEWS. S.B. from London
ARCHIBALD HADDON, S.B. from

Modern Scottish Composers' Night.

Two Songs by Edgar Barratt 55. Orenestra

"Notarne Research ... Stephen

S. MARIE SUTHIMILAND (Solo Pranoforte)
Darry House ... Marin Ran

8.10. CHARLES GILLESPIE Barrione
Two Songs by Mackenan

8.20. NANCY LEE L.R.A.M (Solo Violan)

"Notarne Research... Language...

35. Chan. G despite
Two Songs by MacCanti
45. Orchestra
Three Scott sh Symptomic Dances
6 9 81

Guy Mugrath

nafortanately the boy dies by the ways de as

dies Howe,

(Lenn McBoan and Arch. Murray.)

If a at Stong and the Charles of Rock of a Para Sente Charles I Common Rents (2011)

WUDDLESDAY

5.30.4 30.—The Worless Quartetta and C R
Sit sy (Election at), Dance Afternoon
5.0.—W: MEN S HALF BOUR
5.30.—CHILDREN S CORNER

Local News and Weather Forcast

730. THE WIRELESS OR PESTRA Overture, 'Tam o' Shanter' ... Drysdole 745. RUBY MAILER (Soprano).

20. NACT LEAST AND LANCUSAIVE
25. Raby Marler
Two Songs by Mackettie
35. Chas. G despite 8,25.

B 35.

9 30. NEWS. S.B true Landon Land News and Weather Forecast 9 35. Mur a Sather und "The Butterfly" translan

50. Nancy I
Duaring Mora "
55. Roby Mark um
Two Songs by Mark um

O.10, Orche ca Overtors, "Land of the Mountain and the 10 30 -Close down. A conner B E J ff ex

THURSDAY.

3.30 f W. Dorong C. Lawr at rath and the W. S. S. Charles et al. 80 Attention at W. W. N. S. LALD BOLD B.
5.20.—CHILDREN'S CORNER 6.0.—Weather Forecast for Farmers.

8.20.—Boys' Brigado News.
70. NEWS SB from Lo. n.
1+R Y Sa to S SB run Lor n.
Racio Sc & Ta k. SB gran Lo. n.
Local News and Yea her force n.

Dance Night.

7.35 Ti.E.W. i 1.288 AZZO 2 1 1 8 12 A. Waltz, "Three O'Clock in the Mortong"; Fox trot. "Say it With Music '; Two A. Three O'Clock in the Mortong"; Fox trot. "Say it With Music '; Two A. Three More and A. Waltz, "When Shall We Meet Again Fox the Property Company of the Shall We meet Again for t

Canal, Firth and Clyde Canal, Calcionian Canal

8.25. Jazz Orchestra.

Waltz, "Hawanan Rambow", Fox-troi, "Ty-tro", Wartz, "Tell-Tais Twingh!

8.25. Betty Gall.

"Qui Bait I". Lamber!

"Five Lattic Piccananates". Anthony

8.45. Jazz Orchestro

Waltz, "Queen of the North"; Fox troi, Maggae, Yes Ma", Two-sep, "Coconation Sells.

9.0.—PETER CRAIGMY LE, Scottish League Referee, "Weekly Football Take,"

9.15. Betty Gall (Contral of the Od Green Beie". Things the Od Green Beie". The Od Green Beie". The Od Green Beie". Things the Od Green Beie". The Od Green Beier Gall (Contral of B

MR. ALLEN S. WALKER SB from 10 191

10 45. THE MA HE FLUTE, Act HL SB from London 11 20. Close daws Announces W D. Simpson

FRIDAY.

3 30 4.30.—The Wreess Quartette and Ales Leatch (Tenor), Popular Afternoon 5 0.—WOMEN 8 HAIF HOLD 5 30.—CHILDREN 8 CORNER : G. Beedle Esslement, "When the Cabia Portholes"

60.—Weather Forerast for Farmers
6.6.—MRS. DONALD Shortand Speed
Tests. This Talk will provide five-minute
practical tests for Steelographers.
625.—Answers to Scholars' Quepes,
70.—NEWS. S.B. Iron London
A. ATKINSON, S.B. Iron London.
Local News and Weather Forerast

Shakesperann Night.
The stams repeated in this Programme are meladed at the request of a very large body

The Wireless or Hestra

Tage the request of a very large many
of Listeners.

Tage the Wireless or Hestra

March from 'Cleopaers' ... Munrearth

Tage the Mental of the request of a very large many

Already to the request of a very large many

Tage the r

(Continued in cal. 2, page 227.)

Sound, Light and Heat.



KALEECO WIRING SYSTEM

Since he can amorate to the relation of the relation of the amorate the amorate the amorate the relation of th



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WIRELESS PROGRAMME—GLASGOW (Feb. 3rd to

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SUNDAY.

(Call Sign, 580. Wave-Length, 420 Metres.)

3.0-5.0.-LIGHT SYMPHONY CONCERT 5 B. from Bournemouth 5.0-5.30. CHILDREN'S CORNEL S.H. from

8.30. JOHN MACTACOART (Tenor Sweet Thoughts that Came at Eventide '

Pealm No. 106 (Tone. "Dur feriobne")
40. THE REV D Falte US FERGUSON,
of the Far th Church of Erstine. Beligious Andress

John MacTaggart 9.0 The Resetest Song of All Models of Louis Song Office of All Models of Louis Song Office of Louis Song Office of Louis Song Office of All Louis Song Office of Louis Song O

30. David F McCallum
Stavonic Dances in E M nor David K
Plantation Song
Batlet M sac from Basstounde
Schah et K

P.40. John MacTaggar!

Sometimes in My Dreams? Guy d'Hurdelnt

The Naticless Lassie. Afex MacKen

9.50. David F. McCallam

Ave Maria. Schubert W thelm,

Tambourn Choose? Area.

A rester

134 SESS B train Landon

Le a Krws and Weather Foresat

10.15.—Special Announcements. Cose down

Announces Herbert A. Carrutoers,

MONDAY.

1 % 4 30. An Hone of Melody
4 45.—A TALK TO WOMEN
5.15.—THE CHIEDREN'S CORNER
6.5.—Rops' Brigade News.
7 Q.—NEWS. S.H from London
JORN STRACHEY S.H from London
Radio Association Talk. S.H from London
Local News and Weather Forecast
7 40 10 30.—The critics Programme S.B. from
London

Announcer: A. H. Switten Paverson

TUESDAY.

3.0-3.30: Norman Austen's "Musical Mo-merts" celeyed from La Scala Picture House

10. NewBer Freeenst for harmers
10. NeWS N.H tram London
Local News and Westber Forcess
11. JOHN JACK (Director of Housing) and
The Housing Question."

Popular Night.

7 30. ORCHESTRA.
Overture, 'Marco Spacial'
7 40. DAVID LAING Landon
P'vlus is My Only any
Pannoulle is a Fine Town
7 50. 50. Orchestra Se ection, "Curmen" H. et

8.0. D. MGRELAND GRAHAM (Claracter

The Dodger " (" Ol ver Twint ") Grandfather " (" The Old Currently Shop ") Montagus Tigg " (" Martin Charzlewie ") Dick o

Orthestre Sorte, Lakme Balet"
8 25. David Lo g Withhest. The Road to the Isses " . Accused y France

Orchestra. March, "Nelson's Call."

40. D. Moreland Graham.
Character Studen of (a) "Urah Hrep";
W. S. M. awar. A. d.
Andra the Gardener" (B. M. Graham),
54. David Lang
"Dany Boy" ... , Frutherly
Ould Plant Start)" ... , Hoges
69 30. Interva

9 0-9 30. Interva.
9 0-9 30. Interva.
9 0-9 30. Interva.
9 30 - NEWS. N.B. from Libraton
Local News and Wouther Forecast
9 45. Orderstra
Selection. Lia Reine de Salación. founda.
10 0 - THE SAVOY ORPERANS AND
8 43 0 th HAWANA BANDS Relayed from
the Savoy Hotel, London.
11 0. Special Appropriements. June down.

Special Announcements, a lose down. Ameuncer A. H. Swinton Palerson.

WEDNESDAY.

A 30 4 30. — As Hour of Meody, 445. — A TALK TO WOMEN 5 15. THE CHILDREN'S CORNER E15. THE CHILDREN SUCCESSION OF THE CHILDREN SUCCESSION OF THE CONTROL OF THE PROPERTY OF THE

Special Play Night.

. SH to Newcartes,
30. ORCRESTRA
Overturs, 'Rodrick Dia' Care Unit
40. "CAMPBELL OF KILMORD
A One Agt Pasy

J. A. Ferguson Scene Interior of a lonely cultage on the rous from Stream to Rannoch, in North Perth shure.

lifter the Roong of 45 Mary Stewart. Morag amoron Pag 1 Security apr S. odena Produced by Choltech Reas

Selection, "The Mirry Widow", Lehar Suite, "Three Irish Dartees", Ansatz 6 15.

Entractes 'Two Pers an Sactrace 'Treen'
9,0 9 30. Interval
9,30 NeWS & B. trom London
9,45. Relection, 'Samson and Deliah' Saut Sains
Waitz 'Brun Danobe' - Strauss
March 'The Middy' - And Afford
10,30.—Special Announcements. Came down.
At nouncer 'Mungo M. Dewar.

THURSDAY.

1.30-4.30. -An Hage of Melody
4.45. A TALK TO WOM N
6.44. THE CHILDREN'S CORNER
6.6. Westone Formast for Farmers
6.40. Boy Scouts' and Gul Children News
7.0.—NEWS. S.B. from London
PERCY SCHOLES. S.R. from Landon
Radio Society Talk. S.B. from Landon
annual News and Wee has Forecast

7-35. ORCHENTRA
Overture, "Son and Soutger" Modelae to
7-45. ROBERT MIRRAY (Enterlanter at
the Piano) Origina Selections
8-0. Talk on "World's Sur lay Second Pro-

8.15.—Ministure Suite. Contes Worlds, Tales From the Vicana Woods

Fox tro, "Runna" Wid", 1846. Robert Murray: Songe and Stories.

0.30. NEWS, S.B. from London. Local N wa and Weather Forecast 0.40.—THE MAGIC FLUTE, Agt H NR

from Le 1000. 14 30.-MR. ALLEN S. WALKER S.B. from

London 10:45. THE MACH FILLIE ACT IN SR

from London 11 '0.- Close down

A or or Mingo M Dower

FRIDAY.

3.0-3.30. Norman Austin's 'Musical Mistreaved from La Scala Pacture Historia 3.30.4.30. An Hour of Misloay.
4.45. A TALK TO WOMEN 5.15.—THE CHILDREN'S CORNER 6.0. Weather Forecast for Farmers 7.0.—NEWS. S.B. Irons London 6. A. ATKINSON N.B. Irons London 1. Local News and Wenther Forecast Dance Might.

Dance Night, ORCHESTRA Far-tiet, "Lipht"; Waltz, "The Pea-Lagone." 42 ROBERT J. JOWIE on "Art and

1 54 mg

One-step, "Keep on Never M ad ag Wultz-war Laffes Grow", Highland Schutt whe Mout win Dew", Fox tent Blues, "H Geta You Hot and Bothered"; One-step, "Aliabah"; Waltz, "Love Belis"; Fox trot "Seven and Eneven "; Polica Pazzirsto"; Fox trut, "H We Could Live on Love."

90930 Interval 930 NEWS, 5 H from London Loca News and Westner Forecas.

Eightsome Reel, 'As Usual'', Wantz, 'Red Moon'': Fox-trot Bines, 'Love Dream Rines'', Military Two-atep, 'Social Life ; One-step, 'Tsing'': Walta, 'Madamo Pompadoor'' Fox trot, 'Idaho

10.30. Special Announcements, Close down Announcer, Mungo M. Dewar

SATURDAY.

3 70 4 20.— An Hoar of Melody 4 % A TALK TO WOMEN 5.1. THE CHILDNEN'S CORNET 10 - Weather Forecast for Farmers
10 - N. W. S. E. from London
14 A. 185 KING F.S.Sc. on "X Ray"
Local News and Weather Forecast Popular Night

7.30. ORCHENTLA
Overtura, 'Honyady Lazlo'' Erket
7.40. JACK NEIL Scottish Humorist and
Song We terl
We a' Went Awa' oor Handays'' / Act

We's Went Awa oor holdsys

7 50. PIPE BAND OF STH BATTALION
HIGHLAND LIGHT INFANTSA
(ity kind permass on of Elect Col. David E.
Brand (Officer Communising
Slow March. "Mand of Morere
March, "Craig-no dacross
Stathspay, "Shepherd's Crock"
Reel "Pretty Maron."
March ' He of Perth"

(Continued in the 3 page 221)

(Continued in cul. 3, page 227)





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SUNDAY'S PROGRAMME.

(Centinued from page 207)

NEWCASTLE.

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+ To Quarter 12	
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J 45 Selection, "Cavalleria Rustica.	c.
	Максадия
10.0. NEWS, S.H. Jeom London	
Local News and Weather Fores as	
It Something the state	1 - 44
1 2 Chose drive	
Ar nomeer E I Odnavas	

MONDAY'S PROGRAMME.

(Continued from page 209)

HEW CASTLE.

14. Case t Rosam Wall's Trio
445 ACMEN'S HOUR.
5.15. (HILDER'S BOUR.
6.G.—Scholars' Half Hour, Mr A. W. DanB.A., Talk on Stories of the Nation
Cassar and Pompey
6 Vo.—Frigan A. W.
6 45. Factor's Compey
7 O. NEWS, S.B. Iron condon
PHN STRANHEY S.B. Iron London
Candon Americation Talk, S.B. Iron London
Local News and Weather Forecast
7 40-10-30.—The enter Programme S.B. Iron
London

Announcer : R. C Pratt.

TUESDAY'S PROGRAMME.

(Continued from page 211,)

MEMERATER

THE RESIDENCE OF THE PARTY OF T
7 S. MURIEG RUBINS (Solo 'Cello).
Charson Triste " Teherborsky
Slamber Song " Manne. Manne
8 5. On all the
For arte 'Condam'y Astathey
An le cong way
8 15. WILSON BEVERIDER Ten
Ay a Acuton
* Sach No More, Lade Mr ac
8 25. L. Linn Bowell.
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Vase, "Thoma" Design
8 45 Mariel Robins,
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For-trot, " Seven and Eleven " Llonaldson
CODIO
9 0-9.30, 1 arral
RESE. NEWS NH com condon
Local from and Westiner Formas.
9.45. Wilson Beverrige
Rusterlly Wings " Philips
Ru terily Winga" Philips "Sally in Our Aliey"
9.50. Orchestra.
Selection, " A Spring Chicken " Meant for
10.0. THE SAVOY ORPHEANS AND
DATEST TATALA DA VIN Daland from
SAVOY HAVANA BANDS. Relayed from
The Savoy Hotel, Lemme
11.0.—Class dov.n.
Announcer : (K Persons

FRIDAY'S PROGRAMME.

(Continued from page 217)

NEWCASTLE.

7 45. L.H. Y. ADAMS (Controlto).
Just a Spray of Resembry " 19 90
A Side of Step 5 Step strongs
7.85. Val I I AM T AM Soft Amer
Moroday of Lange Common and Commo
Song Without Wards " Membeogh Lichested " Krender 9.3. Orchower
9.5. Orchos re
School To a ten Vin Free
8.16. G. J. JEFFCOCK (Bariton
Prologue, " Post nect I re we can a
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V. Es many Serve Blumenthal
What South September 1 September 2011
Valse, corpshill false trongs
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La Programma " Comper her se-
Sample Aveu Thomas
Mora Lerpetas Bolini
N N/. Orchestm.
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8 so. Orchestra. 5 or rot K v. i On Never Minding " Rost 0) 0 30 faterva. 2 M NEWS, S.B. from Landon Local News and Weather Forecast. 8 45 Orchestra Searction, The Intel of the Season Humes 0 50 I with Figure V Massacret Colomb Solutions. 10 5. Orchestra. 8 to Spanish Seeson " Adome Uranada "; " Casulla "; " Servile.
8 so. Orchestra. 5 in rot Krit On Never Minding " Ross 5 in rot Krit On Never Minding " Ross 5 in rot Krit On Never Minding " Ross 5 in the Second Control of Local News and Weather Forecast. 9 45 Orchestra Selection, The Inter of the Season Humes 9 50 Orchestra Vision Figure Massent Colomb Massent 10 5. Orchestra. Set Spatiall Seenes " Adoms Granada "; " Casadla "; " Seville. 10 29.—Close days.
8 so. Orchestra. 5 or rot K v. i On Never Minding " Rost 0) 0 30 faterva. 2 M NEWS, S.B. from Landon Local News and Weather Forecast. 8 45 Orchestra Searction, The Intel of the Season Humes 0 50 I with Figure V Massacret Colomb Solutions. 10 5. Orchestra. 8 to Spanish Seeson " Adome Uranada "; " Casulla "; " Servile.

ABERDEEN PROGRAMME.

(Continued from page 223)

FRIDAY.

8.5. "MACBETH," Act III., Second 4
(Abrudged).
Lody Macbeth JOYCE TREMAYNE
Site h R Z SEFFREY
Wakesprace Sorgs Quilto
820 THE VEHICLEART OF VENICE
Act L, Scene 3, and Act IV , Scene 1
the state of the s
D ke of Venice LAWRENCE WOOD
Antonio G. R. HARVEY
Ressauro R. E. JEFFREY
Leaf and W. D. SIMPSON
tentana W. D. SIMPSON Shylork R. E. JEFFREN
Portin JOYCE TREMAYNE
Nerma DAISY MONGUR
9 0-9 30 Interval.
9.30. NEWS, S.B from London.
Local News and Weather Forecast
0.46. Orchestra.
Romeo and Juliet"
9 56. "ROMEO AND JULIET."
tet II , Scene B (Abrolged.
J 1 at an manual DAISY M. N. UR
Romen R. E. JEFFREY
10.10. Urchestra
Overtore, "The Mercy Wives of Windsor
partitle, the sent action of company

Vanouncer H J McKee

SATURDAY.

SATURDAY.

3.30-4 30.—The Wireless Quartotic, Nancy Lee,
L.R.A.M. (Sulo Violin), and Andrew Waller.
5.0.—WOMEN'S HALF HOUR
5.30.—WOMEN'S HALF HOUR
6.0.—Walf Fall Fall Fall Fall Fall Fall
6.0.—Walf Fall Fall Fall
6.0.—Walf Fall Fall
6.0.—Walf Fall Fall
6.0.—Walf Fall Fall
6.0.—Walf Fall
6.0. JOYCE TREMAYNE
FL SSIE TAVANER
DV SY MCNOTH
CHEISTINE LONE.
LAVYS COOPER
G B PAUSEY
B E 4666 EV
W D SIM SON 0.0.9 30 -Interva-9.30. Dance Maste 10.30. -NEWS, S.H from London, Local News and Weather Forecast. 10.45.—t lose down. Vaneusces W D. S mpson.

GLASGOW PROGRAMME.

(Continued from page 225)

SATURDAY.

8 30 10.45.—The entire Programme > H. Irom Announcer : A. H. Swinton Paterson

WIRELESS FOR FIRE BRIGADES.

E YPER MENTS in the use of wareless telephony have recently been made by some of the large five brigades, and when they come to use it officially they will use a wave length of 320 metres, which has been specially abouted to them by the Postmuster-General.

Recent experiments have not, so far, been very satisfactory in areas of an industrial character, because fall factory buildings with their machinery and metalwork "screen" the wireless waves and so cut them out

The only way of overcoming this difficulty will be to use much higher power in the transmitters, when the 320 metre wave length will be found to be very suitable for the purpose.

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

Sea des principo de la comencia de la completa de l

THE CHILDREN'S CORNER.

CONDUCTED BY UNCLE CARACTACUS

"Typo," The Office Fairy.

HI alo enddren!
Here is a fanny story from Unck
Mungo shout a curious office facy they have
got up in Girsgow called "Typo." Lasten to

what he has got to say :-

The farmer who are the chiefs of their various calanga at Ghagow have petitioned me to write and tell you children about their work. The way in which they eaught me was thus; Just as I strived at the door of the stadio to be ready for you and Mr Mike a crowd of lames barred in way and greeted me with shouts of "I nek ins way and greeted me with abouts of Mungo, won't you tell the oh kiren about the unseen and silent members of the Station ? If von don't, we will take the Chime Fairy away.

Well! what would you have done! I agreed to do so at once and or desc. tant I am ever so filed to be able to tell you about their interesting and metal work, and give you "a prep behand the scenes" at a Broadons or

Stadion

Lake Fatty Pianos.

"Typo," the office fairy, is perened who pering anto my ear. "Can I write to the chimren myself and tell bem invown story?

"terta dis wee man! but I shall have to hold your band are you

ready 7 Off we go!

"I am just a plan little fellow and am known by the name of Typo. The title sounds plain, doesn't it? When Larrives in Fairwand oil the Chomes were busy making these machines, with the letters of the alphabet set out in front of them-CAPTALS and small fetters all sanly mixed ap-not a bit one the alphabet I wan thight under our toadstoo, schoolroum in the wood Perhaps you know that they call these strange things like fairy manos "type writers" and naturally enough, seeing that I had to commence work in the office to help Queen Me her and all my younger brothers and sisters, the name given to me was Type

Sorting the Mail

"Stal, I like It, but ours for my work very much more. I commence at the vey morning, and feel so excited when pushing the by glass door open, because just made hangs the key which opens the door of the letter-box My heart jumps and thumps as I open it, wor dering if there are many letters full of heaps of love and cultions of kisses for Aurtic and the Uncles. The great ing envelopes—almost as big as myself—make me tremble, they always seem to say. 'Yes. I am from Head Office and must be attended to at once.' Gathering the nreat pile in my arms, I struggle upwairs to the office and there surt the mar-

"Then comes another joy, that of scanning the morning papers to see if there it any special note for my brother is rice to attend to. Would note for my brother is ries to attend to. Would you like to know their names? They are know. Monatto. Chrono, Resono, Each, Quest. Modolo and Sympho, and they will speak to you later on, if Uocle Caractarus has any room to

These special notes are cut out very carefully and put into a big book for future reference. During the forences I give as much help as I can in the office, and run out with letters to that red goant at the normer of the street. There is no appeasing his hunger, because each time

I visit him his mouth is always open asking,

as it were, for more and more and more
"After making my hinch off a blackberry
and hazel not 1 am ready to an round to the newspaper offices with great sheets of paper on which are all sorts of funtry mark ngs that any

the grown-up people can read

On returning, I stamp all the mail, outer it sid in my post book and set off, wordering if this armful will satisfy the red-coated manf He is such a stronge, unfriendly being, too never a 'Good morning' not a 'Good-evening do I get from him the just seems to be made for staring. Still, children, he really is a good friend to Aunto and the Union at 1883. Thes he not covert letters to al. the dear invalid kindles, and

WHAT IS UNCLE SAYING?

This photograph, sent by Mrs. M. Archer, B. Beaulies Villas, Finishury Park, N 4, was awarded a completion Prize in the B B C.'s recent Brighter Britain Competition.

see to it that they receive their Radio Circle Budges ? Of course he does! and because of that I love him and forgive his seeming cudeness

1 inc. "I love my Station very much and with all the other fairies am working hard to make the first in the country. But, Kiddies, don+ forget we need your help. Write as often as you can and send as many auggestions as come nto your brads. All the fa ries here hold wee conferences, presided over by the King and Queen of all Farryland, and we plot and plan, and make auggestions for stories, games songs, mone. all just for your very own selves. You have no idea how proud I am to think that the & ng and Queen listen to us little ones putting forth our ideas—then when they are all linked ap together, we always get admething to help along this wooderful science and recreation known to you as broadcast ug-

A Funny Notice.

At these meetings the King and Queen always say . 'Now, you farnes who are shiels in your own little state must luten to and help the tray once, and he ready to take their ideas of they are better than your own, because you

never know the day when they too will be chiefs, and pethaps a King or Queen in Fairy and. Aren't we linky to have such a good

There is such a funny notice on the door of One office where I work. Would you like to anow up a 1805-2 Woll assess a reads (MPORTANT ANALLY FMEN)

The state of With a little sentle persons of the The occupants of the room extend their heartiest invitation to all to try this great new novelty-there is absolutely no charge.

Believe me, through these kindly per sunsive words, we are bardly ever bothered now with the older farms leaving the door open to cause draughts, which bring on

Level I marrieds

Uncle Mungo says that I must stop now, because he has heaps no we mail for me to post, so I must were 再级自

Isu t it wonderful? A Corner "on Sundaya from 5 o clock to 5.30 all to ourselves the Fairv's Contract will require to have another clause added with regard to this "extra" but runnour" save she will be there ad right to stoke the fairy claims:

" Let Glasgow Flournh,"

The Competition-when you were asked to send in the names of the stories you liked best at the "forter" ended in Jack Hardy topping the test, with Sabo, the Penwiper, a riose second. Seeing that you have all commenced so well with these comprintions, we want you all to keep treng for each one as they are an nonneed. Under Caractarus told me the other day that our amount of he or for a week was far below the the same as Well that will never the fer ast will it. Kadoses ? Let Gasgow Flourish " Next time I write I want to be able to tell you that we use at the top of the last-

Auntio is becoming such an expert at convadroms that she is now being called ' The Queen of Commidtuments

-that het word is almost as difficult for the tongue as Uncle Caractaous' name. Do you know, I often wonder how he manages to it through the microphone-I feel sure that Mr. Make always trembles violently when he browdeasts if

The Birds' " Good Morning."

Here's something that will give you lots of fun, during the time that you are waiting for 5.30 p.m. Just ask your mother or lather to put some crumbs on the sill of your bedroom window, and you will be surprised at the number of feathered friends who will come along and say good morning" to you. During the winter the birds have a very hard ome of A, and all the girls and how have a splendid opportunity of being of roal service to the hungry little

Now, don't forget, kiddles I' Glasgow, your very own Station, must top the list with letters, and you wal help me to do it, won't you !

With best love,

Year affectionate UNCLE MUNOO.

(Continued on the faring junga.)

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

SABO AND THE SPIDERS.

By E W. Lewis.

W 4+ N Isobel gave Sabo am place upon he writing fleak in the sit a reshe told han to keep it clean and tidy; and × 111 × pur-maturity and slie to large apiders to make their webs in the corosis.

A put you in charge," she said.

Sabo felt proud, and promised that he wouldi liis besti

and then spen in the night, one he is a sure of the angle of the sure of the sure of the angle of the sure of the

known making a moss, which is worse saul Naba.

But where can we go I " and the spir .

" Anywhere you like," report Sabo, " but not bere. "There's fota of other places

They dodged him in and out of the pigeholes and among the blotting paper, are a last he drove them ever the edge of the man

Sabe, who and a kapt heart, was attro-bey might have burt thouselves in dropping, but when he went to see, he form the his surprise hat they were letting themselves down to the Book quite gently by means of a 4 k in rope.

That's a trick worth knowing he said to conself, and wished that he had known it that morning when the Bhiebottle had permuden in to wask on the ceiling.

The two spirlers had thoused yes undernosth the next. One was called Nilibs and the other Nat w. they were great friends, and had decided to live together, in the same nest, all their lives.
The next night, to Sabo's doguet, thuy span

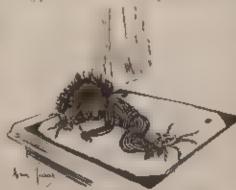
another web in the same place; and the night

after that said still another; but Sabe gavfrom do rest

So they put their heads together

I know what we will do," said Xibls and he whosperer.

So the next might, when Sate was assequent per land if a k blot in Nibbs and Nabbs crept atcalled yout from their hiding-place and made him a prise or



Nibbs began at his head and Nubbs at his feet.

Nibbs began in his head and Na dis at one feet. They fastened one end of a silken rope with a dab of glue to the blotting paper, ran ever the sleeping Sabo, earrying the rope with them, and fastence it tightly down to the blot of paper on the other side. They do this many a fire will teach him!" and hibbs.

"This will teach him!" and hibbs.

"He won't get out of this in a horry it said Nabbs.

To and fro they went, and up and down,

at, how ergs-come, ust 1 f crown of his head to the soles of in feet Salo was covered with a thick well in .

16's a lovely blanket for "pw!" and A bls.

What I had not the neek! "same Nabes.
What I had not a like? He kooket the a
fat chrysals maide a cocoon, or like a sleeping Princess beneath a long white ver-

He was so sound askup that he did not str-

I wish he was good to ent." said Nobe. Have a bite!" said Not But they did not not and a succession tired, they sat ade by side on Sabo's shoulder, and dozed away into the lovebest dicema-dreems that updoes love, dreems of mouster tree to receive for a life.

A convert the season steading through he are a females who started. away and sat on the area of one of the pigeor

holes, to watch the ickling to los mouth, for hobbles a great breat The well beaved like a troubled wave, but did not break. Nibbs and Nabbs madeed each to her

They Saho be a strong at the strong to the strong

n antru

Nibbs ran up to his car and shocted. You

Nabbs fellowed, and shocked. You

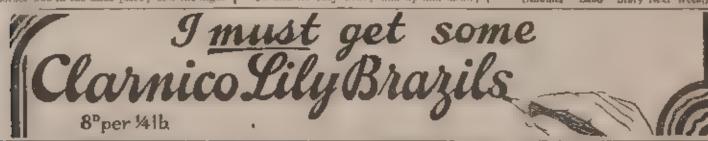
Sabo was funous. The web strained and

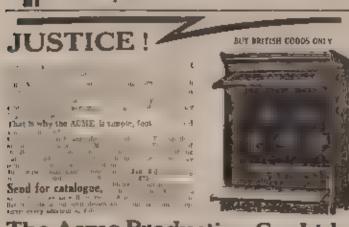
stretched. Then he blow such a mighty breat. that a hig hole appeared, and his of web flex high in the air. And then, with a great shout he leapt to his feet, aputtering, dusting horsest Arbbs and Nabbs were fright used at the

eight and around of such fury; note, dropping to the floor, they escaped

It was mar was lone day not 10 обще баск вда

(Another "Sabo" Story Next Week,)





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When the Wireland Telegraph Service the common up as a rest to motion on appear of in account of the many and of the motion of the many are not a support of the many and the support of t

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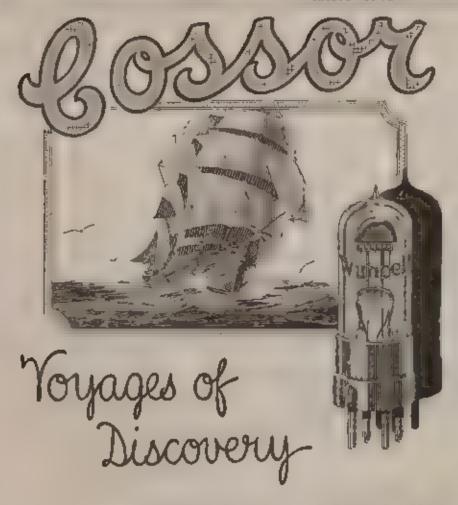
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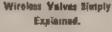
DOUB

If you are in a difficulty with the working of your Set if, for instance, working of your Set if, for instance, your neighbour is getting better rewits with inferior apparatus, then probably your Radio knowledge is at fault. You can correct this by reading one or two good books such as the ones shown here. Reading Radio Press Books is a pleasant occupation, for each Book is written to give you practical and helpful todion there are no dry formulæ to myst by you No man with average intelligence can fail to make rapid progress with a library of Radio Press Books at his albow.



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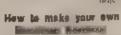
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Readers' Own Humour.

Funny Stories Told by Listeners.

N recent manes of The Radio Times readers were asked to send accounts of funny through hey and seen and hearn in connection with wireless. This week we print a further selecon, for which payment will be made were knowing the other for a new

for a ke, placed the headphones over our core are. He listened for a few moments. but as soon as he heard the strains of mune, he sprang up and ran out of the house

Now, by a cruci fate, there happened to be an innocent street musician playing just outside and the dog flew at him, in a transport of fury It took strenoous efforts to separate the pair, when we hastened to explain the situation to the massema.

Wireless "" he on mild — So he may be: but he certainly isn't toothless ""—F B. E. Dawr, Bris of.

A New Use for Acreals .

Some time ago. I was chatting with a neighsour about wireless. I had not put up my serial at the true, and I remarked that I should

need a fairly strong par for it.

Yes, he said I suppose you will need a stont per report the machine with."

He the error but he wardess so, had to be supported on top of the arral mast - F 1

FARB JOTE V.

A bitde boy who we aken by his mother to a fair on seed gisome a cobata off a trapeze, said: "Mannay, do those people provise on the aerials when they are not performing nere?" Mas. E. Weiser. London, W

While at a friend's home not long ago, an old Woman called and was shown the wireless sat-She was very interested, and on being tord that it was operated by a crystal, she re-marked. Those oxystals are simply wonderful things! A friend of more once had one in which she could see things that were going to happen

B H Gotto M-han

Ohms and Homes.

While abowing a friend, who is a stranger to wireless, a new pair of headphones, I happened to say that they were a 4,000 ohers pair

What I'' his exess ned. "Do you mean to tell me that the people in 4,000 houses out hear the wiresest with these things?" W Hopley, London, S F

A little boy of six was betering during the "Weman's Hour " After a few minutes he said. be cought bear anything, but that he had neard someone saying. "Take two costs

I silvest gated and found that there was a

temporary breakdown and told bim so "Breakdown!" he school. "Then I expect these two eggs are broken!"—Mrs. RAYSED London, N

While latering recently, we heard someone speaking about the difficulties caused by atamenherica.

My little girl turned to me and said. "That a surely a new Amilia? I've never heard of her

On ashing her what she meant she reserved Didn't you hear him say that Miss Ferrick' quite planty ?" A. D. M. McFrenay, Glasgow.

Foreign Stations.

Erffer Tower FL. Paris. 2,800 metres. 6 40 to 7.0 a.m.; 11.0 to 11.30 a.m.; 3.40 to 4.0 p.m.; 5.30 to 7.20 p.m.; 10.0 to 10.30 pm.

Compagnie Française de Radiopheme (Emis-tien Radiola). SFR. Paris. 1,780 metres. 12.30 to 2.0 p.m.; 4.30 to 8.0 p.m.; 8.30 to 10 p.m. (On Sundays and Thursdays Radio Dancing at 10 p.m. Close foun at 10.45.

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Sunday, 9.0 p.m.; Tuesday, 8.15 to 9.25 p.m.; Wednesday, 9.0 p.m.; Thurs-day, 9.0 p.m.; Priday, 9.0 p.m.; Saturday, 9.0 p.m.

SWITZERLAND.

Radio Station Marconi. TSP. Genera. 1,100

Wireless transmissions daily (Sundays ex-

copted., 1.15 to 1.80 p.m.
Lauranne, HB2, 1,100 metros.
4 p.m. Tuesday, Thursday, Saturday; 7 p.m.
Monday, Wednesday, Friday, Saturday.

GERMANY.

Knenigswurterhausen. LP, Berlin. 4,000

6.0 to 7.0 mm.; 11.30 a.m. to 12.30 p.m., 4.0 to 4.80 p.m., These times of transmission are Greenwich

AMERICA.

General Electric Co. WGY, Schazestudy, N.Y. 380 metres.

Radio Corporation of America. WJZ. New York, N.Y. 455 matres.

John Wansmaker, WOO, Philadelphia, Pa. 509 metret.

L. Bemburger and Co. WOR, Newark, N.J. 405 metres.

Post Dispatch, KSD, St. Louis, Mo. 546 metres.

Renausiant Poly, Inst. WHAZ, Tray N.Y.

THE FUBLISHER'S ANNOUNCEMENTS. PATES OF SUBSCRIPTION to " The Radio Times" (including postage to any part of he word / Six Months, 6% M., Tweeve Months, 132 6d.

Mesars. George Newton, Lid., have now propered a hardsome case in red cloth with gilt lettering for "The Radio Times," complete with cord down the back to hold a copy of this publication. A pencil is indispensable to the latener during the course of the programme and this is included conveniently in a alot at the ride. Listeners should order this to-day from any Newtonid order this to-day from the Publisher, 8-11, Southampton Street, Strand, London, W.C.Z.

LETTERS FOR THE EDITOR should be addressed to "The Radio Times," 8-11, Southampton Street, Strand, W.C.S. LETIERS FOR TILE B. B.C. should be sent to 2, Savoy Hill, IV G 2,

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A FEW OF THE SUBJECTS TREATED

A FEW OF THE SUBJECTS TREATED
How to Keep Well, Symptoms of Diseases,
The Diseases of Women, The Care of
Inlancy, The Diseases of Chadren, Sick
Name from A to A to A transport
of Anatomy, Hygione, Phermacy, Horb
Root and Salt Remedica, The Norvous
System, Physical Culture and Health
Exercises, Beouty Hints, Noursthing Value
of Foous, Nervo and Bring Diseases,
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Lease explicacy are fluided on "The Hasterbook Physician
with particulars of the year offer to deliver the Work at one
tion in the payment of Mr., before in the pand by a fee,

being a committee payment.

From Listeners. Letters

A Plea for More Banca Music

Das: Sin. -1 should like to thank you for the fe te programmes you provide, but may I express a wish that there shall be more dance music?

On looking at Saterday's programme in The Rulia Truck I noticed that the usual dates totale words not be played, and as this is bout the only evening in the week that dance music is played before 9 p.m., I was, naturally, dianuppointed

I hope that future programmes will again contain the enjoyable dance missis detail.

Years to be

M P London, N.W.

fOur correspondent, we are sure, must appreciate that the B.B.C. has to cater for a very large audience, to many of whom dance music is distanteful. During the last few weeks, and particularly during Christmas week, they surtiled a very large amount of donce music bree tights a week in future]

Valvas v. Crystals.

to See Year correspond 4.8 B. A return non 1 - stew that can of apas in an indifferently interested people and out they are naturabered by the valve-set

I venture to suggest that he other speaks of a particular well-to-do resear al district or from a lack of knowledge and observation of he true facts

ers r. without fear of contendiction, that at-

all indistinal districts it is the simple crystal set that is responsible for the forest of accords that anyone can see in all such districts, and to say that their owners are not bready interested is a marepresentation. Those who can only towest in a orystal set are quite as enthusiastic as those who are fortissate eaoute, to be able to parchase a valve set

If a consus could be taken of wireless as a r use I am confident tent it would be found that crystal acts would output her valve sets by at trast 8 to 1

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The specifical referred of the page 5 of no because Patent, and no one faind as with the facts could drug the symulating effect which such a scheme would have on industry, when once the objections of verted interests in the Concares had been overcome. The value of the British Patent could also be improved by extending the area of search. At present, the patentee can feel practically certain that his investion, as accepted is free from outpution

by prior Bereich patents. Int he has no gravan. tee with regard to unlicipation by foreign patents and by publications other than patent specifica-tions, to what the Putent Office seared closs not

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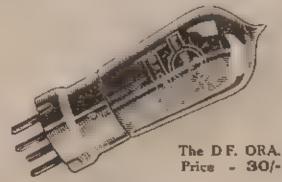
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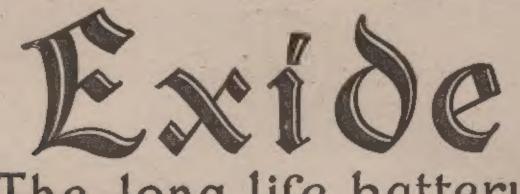
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