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EVERY FRIDAY.

Two Pence.

OFFICIAL PROGRAMMES OF THE BRITISH BROADCASTING COMPANY.

For the Week Commencing
SUNDAY, JULY 13th.

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

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OFFICIAL NEWS AND VIEWS.

RATES OF SUBSCRIPTION to "The Radio Times" (including postage): TWELVE MONTHS (Foreign), 15s. 9d.; TWELVE MONTHS (British), 13s. 6d.

Broadcasting in Education.

By The Rt. Hon. H. A. L. FISHER
(Formerly President of the Board of Education).

I THINK that there is a definite and useful future for broadcasting in the scheme of national education. One of the difficulties which every country now experiences is the dearth of teachers, and more particularly of good teachers. How many complaints do we not hear of large classes! In how many of the smaller elementary schools are not the children condemned for the whole period of their school lives to listen to the voice of one, two, or three teachers often very sparsely equipped! How many children leave school without having their intellectual interests aroused at all! The difficulty of conveying an adequate education to boys and girls during the last two years of their elementary school life, especially in the villages, is notorious. It is a common complaint that at this stage school children appear to stand still.

Now the broadcast talks and lectures can never replace the living presence of the teacher. The main instrument of teaching must always be the immediate contact between the teacher and the taught, but broadcasting may usefully supplement the teacher by bringing variety and freshness into the work of the school. Through lectures and conversation so transmitted the children in our schools can come into relation with new minds and have opened out to them new prospects. Also there is something exciting itself in this new and mysterious mechanism for spreading the human voice which must intrigue curiosity. As between a broadcast lesson and a lesson directly given by a teacher in front of his class there is no real comparison. Other things being equal, the present teacher will always be more effective than the wireless voice transmitted by mechanism.

Knowing his audience and having experience of their little failings and limitations, the skilful teacher adjusts his lesson to the exact capacity of his class, sharpening his voice against the roving eyes and listless demeanour of the indolent, and making use of all the tricks of

the oratorical trade to keep and sustain the attention of his audience. The ablest teacher whose voice is communicated by broadcasting has not these advantages; but on the other hand he possesses the great and arresting recommendation of novelty. The mere fact that he is not the ordinary school teacher, that he is a man singled out for this purpose as being specially skilled and distinguished, will certainly supply an additional stimulus to the audience to attend to what he is saying, and to make the best of it. A good broadcast lesson twice a week carefully fitted into the curriculum would be a great boon to our elementary schools, and not to the elementary schools only, though it is here that the need of this kind of stimulating novelty and widening of view will be most felt. All our schools are the better for occasional external lectures, and here is the mechanism cheap and convenient for providing lectures and lessons on a gigantic scale for all who wish to make use of it.



MR. H. A. L. FISHER.

It is not to be expected that everything will be perfect from the start. I apprehend that the art of broadcasting a lecture to an adult audience is none too easy, and that many faults of delivery or mechanism will need correction before their "educational transmissions" become as effective as they can be made. I should apprehend, however, though I have no knowledge of the technicalities, that the reception of the transmissions will be progressively improved, and that before very

(Continued overleaf in column 2.)

"2LO" Calls to the Hebrides.

Listening in Lonely Islands. By George Blake.

Mr. George Blake is the novelist and dramatist, whose play, "The Mother," was broadcast recently.



MR. GEORGE BLAKE.

POETS and dreamers have always found in the very name of the Hebrides a curious potent source of inspiration. Islands always appeal thus to the sensitive imagination; remote islands are irresistibly attractive. And those Hebrides that lie in the Atlantic off the west coast of Scotland are, in all truth, almost as remote from the main streams of industrial civilization as Tahiti.

On the map, it seems but a step from the crowded streets of Glasgow to the shores of Skye. In fact, the journey is as full of changes and surprises as that from London to Paris.

Two conditions are responsible for this simple fact. The Hebrides are so infertile as to be unable to sustain a large and busy population. The Hebrideans are of a different race from that which populates the mainland. Actually they use in daily speech a different language—Gaelic; and their minds and tastes and outlook are different, altogether different. It would be the death of a Cockney to have to live—as I have lived—through the dreariness of a Hebridean winter.

Far from the Madding Crowd.

You have to imagine a virtually complete separation from the amusements and distractions of the city. There is no theatre—no picture-house—no trains, no traffic. Conversation, on a severely limited range of topics, is the only ordinary relaxation. It may be you will find on the larger islands that the gramophone has forced its way into the more prosperous households—but there are very few prosperous households. My island boasted no gramophones whatsoever. We were lucky if the morning newspaper from Glasgow reached us at six in the evening. Three days in the week, on the average, it failed to reach us, so frequent were the storms over the Atlantic.

"Modern Improvements."

These island communities, therefore, being thus cut off from what we are pleased to call "modern improvements," are by a natural mental process inclined to be suspicious of such "improvements." I overheard an old man say of a self-binding reaping machine—the first he had ever beheld: "It's hellish!" This was not blasphemy. Old Calum meant what he said—that the machine was uneasy, the work of the devil.

And I have also seen, in a remote Highland village, awed groups of simple people discussing, at a safe distance, an aeroplane that had been forced to land in these wild parts. "It's no canny," they said.

Competing with the Ocean.

These, of course, were the older people of the Highlands. The younger folk of to-day are hardly so ingenuous. These younger people, it is true, might have inherited the racial conservatism—but a certain political accident intervened to break the Hebridean spell. From "the lone sheiling on the misty island" the young men were called to war and made the acquaintance of a busier world of men than they had ever dreamed of. They took back with them to the islands a sprightlier philosophy of life than the islands had known before. And now—in come to the

point—the gulf between city and island has been finally bridged, as newspaper and gramophone could never bridge it, by the wonder of wireless. Wordsworth wrote of

The Cocken-bird,
Breaking the silence of the seas
Among the farthest Hebrides."

Now it is the gay syncopation of the Savoy Orchestra which, relayed by Glasgow and Aberdeen, competes with the slow thunder of the ocean.

Ways and Means.

Let us not run away with the idea that these intimate wireless contacts with the life of the cities are to have an immediate effect on the inhabitants of every thatched dwelling on the Atlantic seaboard. I am no technician, but I fancy that a crystal set is unlikely to prove effective so far from the Scottish stations; and when you live in a Hebridean cottage, fighting for the bare means of subsistence against a churlish sea and a barren soil, you do not speculate in four-valve sets. No doubt, however, there are ways and means, even in the Hebrides, of acquiring cheaply the apparatus of reception from "BBC" and "2BD." And it is quite certain that the miracle of wireless is one whose benefits every island-exile of the new generation will hasten to enjoy.

A Romance of Science.

Here, then, is a romance of science. There are those who will deplore the fact that simple and unsophisticated people are now being touched daily by the eddies of our city life. That is a sentimentality I do not find myself sharing fully. That simple life of the Hebrides is pretty enough when viewed from the angle of him the Americans call the Tired Business Man. It is not so pretty at close quarters. It has its sombre side, even its ugly side. No sort of life stands in greater need of brightening. The Keltic Twilight is very well for the poet and suits him in certain moods. For those who have to live in its shadow always, there could be nothing more welcome and nothing more helpful than that it should be pierced by the shafts of the sunlight of the great world's gaiety.

Pomp for the Fishermen.

Yes, a romance! A cultured voice from London telling the world's news even to those cold and remote corners of the kingdom! A London girl singing to her sisters in the Outer Isles! The nightingale of Surrey, sending its thrilling song to drear islands where no nightingale has ever nested! The pomp of a Guildhall ceremony, and the sonorous voice of the Town-Master and the trumpets ringing in the ears of a crofter-fisherman!

In Touch with the World at Last.

It must all sound very strange to these islanders. Some of it they will not quite understand. The affable John Henry can hardly expect that his dialect and idioms are understood by a people to whom English is a foreign tongue. Perhaps they laugh sometimes at the strangeness of it all—thinking London a queer, daft sort of place. But they will soon cease to laugh. Listening will become a part of their lives, and a useful and enjoyable part; they will be in touch with the world at last. And who will argue that the sons of men are not the better for those glimpses of wider horizons and those friendly, human contacts that broadcasting offers to them that dwell in lonely places?

In China citizens are forbidden to purchase or use wireless sets.

Broadcasting in Education.

(Continued from the previous page.)

long complaints of inaudible lectures will be seldom heard.

Meanwhile, the reports which have reached me of the experiments which have been made so far seem thoroughly encouraging. Sir H. Walford Davies, for instance, gave a lecture on Music last April, which was listened to with great appreciation by ten thousand children, mostly from elementary schools. A report received from twenty-seven schools of a lecture on Napoleon by Dr. G. P. Gooch was equally satisfactory. I hear that criticism of the lecture was, in every case, highly appreciative, and it was stated that the scholars followed every word with rapt attention.

I should like in particular to draw attention to the significance for the future of education in this country by these two instances. Sir H. Walford Davies and Dr. Gooch are, in their several lines, the one a musician, the other a historian, among the dozen most distinguished authorities in the country. Here is a mechanism which enables these eminent men to teach, at the cost of only one hour's exertion to themselves, ten thousand, twenty thousand, a hundred thousand elementary school children at a time, and that in such a manner as to provoke the utmost enthusiasm and interest.

The influence which the new art has it within its power to acquire imposes a corresponding responsibility. To inflict dull trash upon a million ears would be an insistent addition to the tedium which is already the common lot. It is not enough that broadcast lessons should be average. They should be excellent, good enough in every case to make up for the loss of the personal agency of the present teacher.

I have spoken of schools and school children, but the educational influence of broadcasting will not, of course, be limited to the classroom. It will be all-pervasive, but whether a blessing or a bore will depend upon the quality of the mind and nature selected for transmission. In any case, it is obvious that this astonishing mechanical invention will present to educationalists a great opportunity. It looks very much as if it would seriously contribute to the solution of one of the great universal problems of an industrial democracy: how to discover means of giving to millions of children and young persons necessarily dependent for their ordinary education on the help of un-specialized teachers, many of them untrained or only partially trained, a cheap and ready access to the best instruction in the country.

I have a great belief in the latent capacities of our race. What most of us need is a fair field of opportunity. In spite of all our schools and colleges, there is a vast amount of suspended intellectual animation in this country. But here is a new instrument for levelling up the educational opportunities open to our people. A poor, able young workman sitting in a village institute can, at the moderate expense of a crystal set, listen to the voice of one of the giants of science or literature. He cannot, indeed, question or challenge; but he can hear the authentic voice of the great man and derive direction and stimulus from him which may be of the greatest value to his development. A circulating library of spoken instruction given by the great teachers of the country would be a kind of popular university, open to persons of both sexes, of every age, and perhaps not least acceptable to the old and infirm.

H. C. L. Nichol

Wireless Insurance.

Risks it is Unwise to Ignore.

EIGHTEEN months' experience of wireless insurance leads me to refer to this subject. The opinion of an individual on any matter is only of value in proportion to the weight of evidence behind that opinion.

The present efficiency of radio apparatus is the culmination of combined experiments arising from the tenacity of radio investigators, and he who would look himself up in his own studio and be content with his own limited experience, ignoring that of the outside world, would make little progress.

Ruined Aerials.

So it is with insurance. An individual cannot judge from his own limited views how great or small are the risks he runs in any particular event. Insurance companies alone can produce that volume of evidence or statistics which can be accepted as proof. An occasional news report or the sight of a fire-engine racing along is frequently the only reminder which many have of the risk of fire even at home.

The first policy specially drawn up to cover wireless risks was issued in October, 1922. The bulk of the claims made since then under wireless policies have been caused by breakdown of aerials and masts owing to gales and storm, and in quite a number of cases these have caused damage to property in the vicinity. Lightning has not caused much trouble, but the fact remains that there are many cases on record where aerials, property, and even wireless sets have been damaged. One of our Daily picture papers recently contained a photo of a set, completely wrecked by lightning.

Sudden Trouble.

Naturally, most operators shut down on the approach of a storm; but the presence of lightning is sometimes so sudden and unexpected that the apparatus is actually in circuit with the aerial at the time of the flash. Omission to switch over or earth the aerial is more common than one would expect. The most inexplicable case was where, in spite of the apparatus being out of circuit and the lead-in properly earthed at the time, lightning dislocated the whole set.

Experience shows that accumulators want watching. Naturally, the insurance does not cover damage which may be done by allowing acid to bubble over during charging, or by using an accumulator which leaks; but there are accidental circumstances under which accumulators have been the cause of much damage.

Theft is not unknown. Unauthorized persons, having obtained admittance to a house, have taken valuable parts.

Fair-Minded Enthusiasts.

Malicious damage done by the cutting of wires has been reported.

Aerial masts on buildings overlooking public thoroughfares and wires crossing public thoroughfares, may easily cause considerable trouble if they are dislodged and fall into the street.

It is not every claim which is lodged which can be admitted. An inconsiderate zealot will occasionally ask for a new valve to replace one which has been burnt out through his own fault; but my experience is that the wireless enthusiast is very fair-minded, and knows how to interpret his policy conditions aright.

It is a mistake to exaggerate risks—it is unwise to ignore them. The value of an insurance policy is best realized when the claim arises; but, meanwhile, it is just as well not to place too much reliance on your own carelessness.

P. H. ESTEL.

Official News and Views.

Gossip About Broadcasting.

Ibsen's "Emperor and Galilean."

THE programme at the Glasgow Station on Friday, July 13th, includes Ibsen's *Emperor and Galilean*. This will be the first performance in Britain and will be produced by the translator, Isabelle M. Pagan.

This great drama, dealing with the life of Julian, the Roman Emperor known as "The Apostate," has made stage managers—even those of them who were attracted by the power and beauty of the setting and the character drawing—shrink from the enterprise of staging it. Extracts have been seen in Norway, and on rare occasions elsewhere on the Continent, but none of it has previously been produced in English. As in the case of *Peer Gynt*, its predecessor, it falls to enterprising amateurs in Edinburgh—chiefly students at the University and College of Art—to be pioneers in this play as far as the British Isles are concerned.

A Great Drama.

Suitable extracts from the dialogue, showing glimpses of Julian's life as a courtier in Constantinople, a student in Athens, an enquirer into psychical research at Ephesus, and a successful general in Gaul, will be broadcast.

It is a play giving much scope for decorative production, for lovely dance and pageantry, but the extracts broadcast will be suitably chosen from various talks between Julian and his friends, teachers and fellow-students, and with his ambitious young wife. Always, whoever the speakers may be, the subject is worth discussion; generally circling around life itself, and how to make the best and most of it.

The music introduced, including a wild Bacchanalian dance for the merry-making of the students in Athens, and another more dreamy and hypnotic in effect, used to create the requisite atmosphere before what would now be called the "materializing séance" at Ephesus, has been specially composed by Mrs. Frank Bailey.

The Prince to Broadcast Again.

The International Advertising Convention to be held at Wembley from July 13th to July 17th will be declared open by the Prince of Wales about 10.30 a.m. on July 14th. We shall be broadcasting the speech of the Prince and Mr. Kellogg, the United States Ambassador, as well as the chairman's address, which will be delivered by Lord Burnham.

Important Agricultural Talks.

We have arranged with the Ministry of Agriculture to broadcast one general talk on agricultural matters each month at 10 p.m. This will be delivered by some distinguished authority. A more specialized talk once a fortnight will be given earlier in the evening. This is particularly intended for farmers, but we hope, too, that it will prove of interest to allotment-holders and to the general public. We hope to give further particulars of this scheme in the next issue.

An English Composer.

An hour of London's programme on July 14th will deal with the works of Mr. Benjamin J. Dale, a young English composer, who was to have taken part in a programme of his works in April last, but was unable to do so owing to his absence from England on account of ill-health. Mr. Raymond Jeremy who will take part in this programme is considered to be

in the first rank of viola players. The music will be representative of some of the composer's best work, and the phantasy for viola and pianoforte which will be performed has seldom been given in public.

"La Bohème."

After broadcasting the speech of Lord Balfour at the Kelvin Centenary Dinner at the Connaught Rooms on July 11th we shall be broadcasting the last act of *La Bohème* produced by the British National Opera Company at His Majesty's Theatre.

A Guessing Night.

Bournemouth is to have its own Guessing Night on July 23rd. In the evening both local and national artists will sing well-known songs and the orchestra will play popular musical items. Listeners will be invited to guess the names of the artists, the songs, the music and the composers comprising the programme. Three prizes will be awarded for the three most accurate entries, and a week will be given to listeners to send in their efforts, the closing date being July 30th.

An International Evening.

Bournemouth will also have an interesting programme on Wednesday, July 30th, consisting as it will of international music. Songs of America, France, Russia, Germany, Italy, Spain, Belgium and Scandinavia will be given, and at the conclusion of each nation's contribution to the programme the orchestra will play the National Anthem of the nation.

The Pilgrims' Dinner.

On July 21st, about 9.15 p.m., at the Hotel Victoria, the Pilgrims' Dinner to honour Mr. Hughes, Secretary of State of the United States of America, will be held. Speeches will be given by the Chairman, H.R.H. the Duke of Connaught, H.R.H. the Prince of Wales, and by Mr. Hughes.

An Old-Time Music-Hall Programme.

Lately, much interest has been shown in the music-hall songs of long ago, and listeners will be interested to know that on July 31st, from 9 to 10 p.m., an old-style music-hall programme will be broadcast from London. There will even be the customary interval for refreshments!

The chairman will be Mr. Willie Rouse, who will call the names of the artists and songs, and the artists will include such popular veterans as Mr. Arthur Roberts, Mr. Leo Dryden, Mr. Jake Friedman, Mr. Charlie Leo, Mr. Frank Leo, Miss Lily Burnand, and Miss Sable Fern. Mr. Charles Coburn will sing some of his old songs, including "Two Lovely Black Eyes," and "The Man Who Broke the Bank at Monte Carlo."

Miss Kay Wallace will give impressions of Miss Vera Tilley and Miss Marie Lloyd. Mr. Harry Thomas, the well-known clown, will give reminiscences of his father, "The Great Little Thomas," of the Mohawk and Moore and Burgess Minstrels.

WIRELESS waves travel at a speed of 165,000 miles a second, as compared with the rate of travel of light which is 186,000 miles a second. A signal transmitted from New York was re-broadcast from Warsaw and received again in New York after an interval of 0.004 of a second had elapsed.

Liszt, the Friend of Genius.

Milestones in his Career, by R. D. S. McMillan.



FRANZ LISZT.

To generalise concerning Liszt—that is to say, concerning the man himself—is rather difficult, for there are so many standpoints from which one might regard him. On the one hand, we have the kindness of his nature, amounting almost to nobleness, and we know also that he was absolutely unselfish in his quest for musical fame. "You may be sure," he once wrote to Wagner, "that I have no vanity concerning my works. Were I in the whole of my life to produce nothing good or beautiful, I should none the less feel a deep and eternal joy in appreciating what I recognise and admire as beautiful and great in others."

On the other hand, we know that, like many men of genius, he had rather an ungovernable nature.

His Inclination Towards Religion.

Liszt was particularly enthusiastic over Wagner, to whom he extended much valuable moral as well as financial support; while once having heard some of the work of Grieg, the Norwegian composer, he wrote to the young man a letter of warm commendation, although he had never met him. Praise from Liszt was praise indeed, and the letter led to the Norwegian Government's granting its countryman a sum of money with which to complete his studies. This incident is typical of the unobtrusive manner in which Liszt did good.

Another trait in his nature was his inclination towards religion. From his earliest years the Church had attracted him, and if he had had his way—if his mother had not persuaded him otherwise—he would have dedicated his whole existence to this one end. Not until he had experienced many troubles of life was this early ambition realised: at the age of fifty-four (in 1865) he took orders and became a priest of the Roman Catholic Church.

But, while Liszt, the man, is a subject for endless speculation and always will be, there can be no division of opinion regarding Liszt, the musician. Both as pianist and composer, he raised himself to the very stars, and the judgment of time serves to strengthen his position as one of the most original musicians the world has known. He gave to posterity a new medium of musical expression—the symphonic poem—and in this particularity of his art he wedded the most beautiful thoughts to the most divine melodies.

His First Public Performance.

Like Mozart, Franz Liszt was a pianist of note before he was in his teens. Born in Hungary in 1811, he made his first public appearance when he was nine, and at the age of twelve he took Paris by storm. In this same year—1822—he played before Beethoven, who was so overcome that he embraced the child. It was about this time, too, that the management of the Opéra in Paris commissioned him to compose a work for them—and he was a boy of twelve! In 1824 he played before King George IV. in London; a year later he appeared at Manchester.

With his mother, Franz decided to make Paris his home, and here he experienced his first romance, falling in love with Caroline de Saint Cricq, the daughter of a French Minister

of the Crown. The father stopped the boy-and-girl affair, but so serious had Liszt been that his mother had to use all her powers of persuasion to dissuade him from taking up a monastic life. He was then seventeen and his concert tours as well as his compositions for the piano had made him famous throughout Europe. Curiously enough, it was not until later years that he was to turn his thoughts to instrumental works, in which he was to reveal the measure of his greatness; indeed, not until 1850, when he was thirty-nine, did he really begin to scale the heights of composition, and—as if he had suddenly "found himself"—within the eight succeeding years he poured forth masterpiece after masterpiece.

A Link with Wagner.

Some years before Liszt had met the Countess d'Agoult, better remembered under her pen-name of "Daniel Stern." The Countess had been married to a man nearly twice her age. She fell in love with Liszt and persuaded him to run away with her. Their daughter, Cosima, became Wagner's second wife, and thus was forged a matrimonial link between two of the greatest musicians of all time.

The period of his friendship with the Countess he had found most unsettling, and his frequent tours had left him little time for composition. The coming of the year 1847 marked a change, for then it was he met the Princess Carolyne Sayn-Wittgenstein. The Princess was married and separated from her husband, but there is no doubt that if she could have had the union annulled, she and Liszt would have married.

Inspired by Beauty.

Although this consummation was not to be achieved, Liszt was, fortunately for the world, to come under her influence at Weimar, whither he went to live in 1848 and where the Princess and her daughter also later took up residence. In 1850 he completed "Mazeppa," perhaps the greatest of his symphonic poems, the whole series of twelve of which he dedicated to the Princess. "Mazeppa," which is founded on Victor Hugo's well-known poem of the same name, is remarkable, among many notable qualities, for the manner in which Liszt conveys the suggestion of a galloping horse.

It will be agreed that the most popular symphonic poem is "Les Préludes," composed four years later—in 1854. This year was notable also for his "Faust" symphony. The other great symphony of his—"Dante"—he wrote in 1855. His symphonic poem, "Hungaria," and the Hungarian Rhapsodies were his tribute to his native country.

From 1848 to 1861 Liszt and the Princess lived in Weimar, during which time the little town rose to such heights of fame as recalled the days of Goethe and Schiller. In 1861 the Princess obtained Papal consent to the dissolution of her marriage, but at the last moment, when the church was actually prepared for her wedding to Liszt, some influence was brought to bear which resulted in the rescinding of the order. At this stage Liszt's thoughts turned with renewed earnestness towards the Church, and a few years later—in 1865—he assumed minor orders and became an abbe, later submitting to the tonsure. Thenceforward his compositions were mainly of a sacred character—for instance, the oratorio "Christus."

One of the pictures we have of these later years is Pope Pius IX. visiting Liszt and listening with rapt attention to the master's music. In 1886, in his seventy-fifth year, Liszt passed from the world's stage.

A Pioneer Company.

Birmingham's Successful Venture.

THE formation of the Birmingham Station Repertory Company was a milestone in the history of broadcast music. Before this project was carried out, Birmingham, like the other B.B.C. stations at that time, used to rely upon outside artists for the musical portion of its programmes. This was a definite handicap on performances calling for many rehearsals. However, it was suggested that a station repertory company for the performance of operas and other concerted music might be formed, and Mr. Joseph Lewis undertook the work. To-day it is undoubtedly one of the main features of "5IT'S" programmes.

Mountains of Letters.

A broadcast announcement that voices for choir work were required, together with a press advertisement for soloists, brought in a surprising response, and "5IT'S" staff had a particularly busy time in coping with the applications. Mountains of letters, endless telephone rings, and a stream of personal calls demonstrated that Birmingham and district was interested in the new idea. Every applicant had to be given an audition, but eventually the final selections were made, and two choirs, one large and one small, were formed. The soloists were selected by a process of elimination, according to qualifications and experience.

Special "Feature" Programmes.

As soon as the company was collected, the raw material had to undergo countless rehearsals. The difficulty of working these into a routine broadcasting day is not perhaps immediately apparent to the outsider, but in spite of various trials, among which was paramount the removal of "5IT" from Witton to the new premises in the centre of the city, the first performance, on August 22nd, 1923, was given without a hitch. This was Gounod's *Faust*, and brought in a host of congratulations. Evidently Birmingham approved the new notion. Since that date a number of complete operas have been given from the studio, including *Tannhäuser*, *Il Trovatore*, *The Magic Flute*, and, in fact, most of the more popular operas of to-day. Special "feature programmes" (such as "Memories of the Past," "Plantation Melodies," etc.) are also now undertaken by the repertory company.

The value of such a company is obvious. Co-operation between company and conductor is much more satisfactorily obtained where each recognises the enthusiasm and loyalty of the other, and where a common ambition for the popularity of the station is the mainspring of endeavour. Another factor of importance is that the singers in such a company are receiving excellent training for the requirements of broadcasting, and by practical experience are learning to avoid microphone faults.

Sauce for Enthusiasm.

A glance at the output of the average choral society—some three or four concerts per season—shows that only exceptionally hard work could have produced such results as those obtained during the last six months by the Birmingham people, who number less than sixty in all. That their popularity is well established in their own area is proved by the recent reception given to the company when they gave a public performance in Birmingham Town Hall. Within two days of the preliminary announcement every seat in the hall was booked. Such encouragement is the best sauce for enthusiasm, and augurs good luck to the future efforts of the first repertory venture of the B.B.C.

Listeners' Letters.

(All letters to the Editor to be acknowledged must bear the name and address of the sender. Anonymous communications are not considered.)

A Good Idea.

DEAR SIR.—There must be thousands of people who would be glad to show their gratitude to the B.N.O.C. for the many hours of pleasure received by means of the broadcasting of opera. Every time I listen to a transmission of Opera, I put a sum of money aside, to be forwarded to the B.N.O.C. funds, at the end of the season. And if all listeners to the transmissions did this, it would result in a considerable sum and would be a practical way of showing the B.N.O.C. what we think of them.

Yours faithfully, ENA WESTLAKE.
Chesham Bois, Bucks.

Wireless and Watches.

DEAR SIR.—I have been interested in reading recently the statement made by a London firm that there are thousands of watches suffering from so-called broadcastitis. In other words magnetized by coming in contact with wireless listening sets. I really think it must be a joke. If not, I desire, as a practical watch-repairer for over fifty years, and also a listener for some time, to say that in all those years, I have only met with one real case of magnetism in a watch and that was before wireless came. The writer states that before wireless came, 5 per cent. was the average, but now, 50 per cent. suffer from the trouble. I should like to have a look at some of them. I do not hesitate to say that it is all humbug, and wearers of their fifty-guinea watches have no need to be alarmed.

Yours faithfully, SAMUEL ISOX.
Watford.

French Pronunciation.

DEAR SIR.—A passage in M. Stéphan's article on French pronunciation in *The Radio Times* can hardly fail to convey the impression that all systems of imitated pronunciation of French are ignominious failures, though in actual practice this is by no means the case.

No one pretends that English and French vowel sounds are strictly equivalent; nevertheless, it is possible to compile a system of phonetics, not difficult or complicated, which can be of the greatest practical use to students who are compelled to work without the help of a teacher.

It is not pretended that books giving the pronunciation phonetically will enable the student to speak French like a native of France. But neither can such a result be achieved even with the help of the best teacher, except in the case of young children. What is possible with a good system of phonetics is to acquire a satisfactory practical knowledge of French pronunciation enabling the learner actually to understand French people and to make himself understood.

It is unwise, therefore, to make so sweeping a condemnation of all systems of imitated pronunciation, some of which, at any rate, will enable people to learn French who have no opportunity of hearing it spoken or of receiving lessons. Are they to be told that they can never obtain from books some practical knowledge of French pronunciation? Surely, this is not the best way to promote the study of languages and to encourage beginners.

Yours faithfully, S. SECCOMBE.
London.

The Sossids in the Home.

DEAR SIR.—The B.B.C. has already broadcast the nightingale and brought monozies of the countryside to innumerable town dwellers. Why not broadcast the sounds of popular seaside resorts, so as to revive happy memories in those who, perhaps, cannot go to the sea?

Maë End. Yours truly, E.J.

PEOPLE IN THE PROGRAMMES

From Shop Assistant to M.P.



MISS MARGARET BONDFIELD.

Miss Bondfield was an assistant in an outfitter's shop, and later she became Assistant Secretary of the Shop Assistants' Union.

In 1899 Miss Bondfield was the only woman delegate at the Trade Union Congress at Plymouth when the historic resolution was moved which resulted in the formation of the Labour Party. Her public-spirited work has earned her countless friends, and she is affectionately known to thousands as "Our Maggie."

"The Welsh Nightingale."

A VOCALIST who is popular at London stations is Miss Gladys Nash, who possesses a technique particularly suitable for broadcasting. A native of Cardiff, Miss Nash graduated at the University of Wales. Since she came to London a few years ago she has made rapid strides in her profession. Her first recital at Wigmore Hall was so successful that she was immediately engaged for the Queen's Hall promenade concerts.

Miss Nash has an exceptionally flexible voice, with a wide range reaching to F in alt. and she has earned the title of "The Welsh Nightingale."

Good Work for the Deaf.



MR. GEOFFREY E. DUVEEN.

as the commencement of a new era of hope for the deaf. The gift was made by Mr. Duveen in memory of his father.

The Study of Otology.

IN order to attain a two-fold forward movement on behalf of the deaf, Mr. Duveen made his gift in two portions. To London University, he gave £10,000 for the establishment of a University Lectureship in Otology. It is hoped by this means to stimulate a new interest on the part of medical students in the study of the ear, and the discovery of new means to combat deafness.

The second part of the gift, a sum of £15,000, he allocated to the University College Hospital for the provision of the most complete and modern treatment of the deaf. At the present moment, negotiations are still taking place with the Royal Ear Hospital in Dean Street, Soho, regarding the best means of carrying out this proposal.

It is Mr. Duveen's intention to be satisfied with nothing less than an entirely new building, with all the modern facilities for surgery and practical research work by students of Otology.

The Catterall Quartette.



MR. ARTHUR CATTERALL.

and was at one time leader of the Queen's Hall Orchestra. He resigned to take up a Professorship at the Manchester Royal College of Music, and then got together his Quartette. He balances his artistic appreciation by a keen interest in Association football.

Mr. Johan S. Bridge, the second violin of the Quartette, is leader of the "22Y" Orchestra.

Even a quartette as well-known as this, however, is not without its critics. One woman, who liked quantity, when asked by one of the members how she had enjoyed a performance, replied: "Oh, the Quartette is very nice, very nice indeed—but couldn't you make it bigger?"

Science and the Criminal.

A TALK of special interest was given from London on Friday, July 11th, by Dr. F. W. Crossley-Holland. The title was "Science and the Criminal"—a subject with which the speaker is well qualified to deal, as he is a barrister-at-law and a Bachelor of Science.

Dr. Crossley-Holland was for many years a research chemist and is a fellow of the Chemical Society of London. He has travelled a great deal, especially in Russia, and he is well known as a lecturer and author.

Many Prizes.

THE London Welsh Male Choir which will broadcast from London on the 13th July, was formed in 1901, under the conductorship of the late Mr. Merlin Morgan, well known as Musical Director to the Dely and Gaiety Theatres. It has been most successful in gaining prizes for choral singing, including first prize at the Semi-National Eisteddfod held at the Queen's Hall in 1906; second prize at the International Exhibition at Bristol, being beaten for first place by a very narrow margin, in 1914; and the first prize at the Semi-National Eisteddfod at Central Hall, Westminster, last year.

The choir has appeared at many other festivals and functions, and has also sung to the prisoners in the four largest prisons in London. It is normally eighty voices strong.

A Noted 'Cellist.



MISS BEATRICE EVELYN.

ONE of the earliest wireless favourites of the B.B.C. is Miss Beatrice Evelyn, the 'cellist, who has played for it since the early days. She has a high place among English women instrumentalists, and has had a successful career since she began to learn the cello at the early age of seven. Miss Evelyn has toured with Miss Caris Tubb and Miss Margaret Cooper, and she was very popular in France and Malta with the Lena Ashwell Concert Party during the War.

WIRELESS PROGRAMME—SUNDAY (July 13th.)

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

LONDON.

- 10.0.—Presidential Address of the RT. REV. WILLIAM TEMPLE, M.A. D.LIT., Bishop of Manchester, at the Town Hall, Oxford, at the Coming of Age Celebrations of the Workers' Educational Association. *S.B. in all Stations.*
- 3.0.—Time Signal from Big Ben.

Choral Programme.

A Contingent of 24 Voices from THE LONDON WELSH MALE CHOIR.
Conductor: LEWELYN BEVAN.
Accompanist: HORATIO DAVIES.
MAURICE COLE (Solo Pianoforte).
FREDERICK THURSTON (Solo Clarinet).
CHARLES LEGGETT (Solo Cornet).

- The Choir.
"March of the Men of Harlech" ... *Arns*
"O Peaceful Night" (Unaccompanied) ... *Edward German* (11)
"Feasting I Watch" (Unaccompanied) ... *Elgar* (11)
"Comrades in Arms" ... *Adolphe Adam* (2)
Clarinet Solo.
"Idyll" ... *Harold Samuel*
"Solo de Concours" ... *Messiaen*
Pianoforte Solo.

Three Studies: ... *Chopin*
(a) F Major, Op. 25, No. 3; (b) E Major, Op. 10, No. 3; (c) A Minor, Op. 25, No. 11.

- Cornet Solo.
"The Children's Home" ... *Cowen* (1)
"The Land of Romance," by J. Kinsman.
The Choir.
"Song of the Armada" ... *Chadleigh-Candish* (2)
"The Winds Whistle Cold" (Unaccompanied) ... *Herbert Howells* (14)
"Martyrs of the Muses" ... *Laurent de Belle* (2)
Clarinet Solo.

Sonata ... *Saint-Saens*
Pianoforte Solo.
"Amberley Wild Brooks" ... *John Ireland*
"The Submerged Cathedral" ... *Debussy*
"Arabesque" ... *Leschetizky*
Cornet Solo.

- "The Rosary" ... *Nevin*
The Choir.
"Down Among the Dead Men" (Unaccompanied) ... *arr. Vaughan Williams* (13)
"Nidarus" ... *Dan Featherstone*
"The Long Day Closes" ... *Sullivan* (11)
Announcer: J. G. Broadbent.

- 5.0-5.30.—CHILDREN'S CORNER. *S.B. from Manchester.*

- 8.0.—The Bells of St. Martin's.
8.15. A SIMPLE EVENING SERVICE in which all people can take part, with an Address by the Rev. H. R. L. SHEPPARD. Relayed from ST. MARTIN IN THE FIELDS.

- 9.0. Light Programme, by the

J. H. SQUIRE CELESTE OCTETTE, under the Leadership of MAYER GORDON, At the Piano: FRANK READE. SOPHIE ROWLANDS (Soprano). SPENCER THOMAS (Tenor).

- The Octette.
Overture, "Phedre" ... *Massenet*
Minuet in B Major ... *Holzman-Sear*
Soprano Songs.
"How Lovely are Thy Dwellings" ... *Liddle* (1)
"The Throstle" ... *M. V. White*
Violoncello Solo.
"Italian Love Song" ... *Squire*
"Tarantella" ... *Popper*
Tenor Songs.

- "Pleading" ... *Elgar* (11)
"To Me at My Fifth Floor Window" ... *Methuen*
"Hark, Hark, the Lark" ... *Schubert* (1)
The Octette.
The Waltz of To-day. "A Garden in Brittany" (1924) ... *Goldend-Scar* (27)

- The Waltz of Yesterday. "Nina" (1884) ... *Waldteufel-Sear*

Soprano Songs.

- "Come, O Come, My Life's Delight" ... *Hamilton Harty* (1)
"The Birth of Moon" ... *Lewis*
10.0.—TIME SIGNAL FROM GREENWICH. GENERAL NEWS BULLETIN, and WEATHER FORECAST. *S.B. in all Stations. Local News.*

- 10.15. The Octette.
"The Londonderry Air" ... *arr. Granger*
"Molly on the Shore" ... *Granger*
Tenor Songs.
"The Maiden Blush" ... *Quilter* (1)
"As Ever I Saw" ... *Peter Warlock*
"To Daisies" ... *Quilter* (1)
Violin Solo.

- "Polonaise" ... *Pianotecca*
(Soloist: Mayer Gordon).
The Octette.
"Abide With Me" ... *Liddle-Scar* (3)

- 10.45.—Close down.
Announcer: C. A. Lewis.

BIRMINGHAM.

- 10.0.—Presidential Address, Workers' Educational Association. *S.B. from London.*

- 3.0-5.0. THE STATION MILITARY BAND.
March, "Indienne" ... *La Thiere*
Overture, "William Tell" ... *Rossini*
Romance, "Musica Proibita" ... *Gastoldi*
Spanish Serenade, "La Paloma" ... *Yendire*
ALICE VAUGHAN (Contralto).
"Unmindful of the Roses" ... *Cateridge*
"Too Late" ... *Taylor*

- Band.
Selection, "The Flying Dutchman" ... *Wagner*
Morocco, "Laughing Eyes" ... *Finck*
Alice Vaughan.
"Lie There, My Love" ... *MacCorm*
"Rest at Eventide" ... *Power*
Band.

- Intermezzo, "Rêve du Bal" ... *Eilenberg*
Characteristic Piece, "On the Road to Zag-a-Zig" ... *Finck*
Hungarian Rhapsody, No. 2 ... *Liszt*
Alice Vaughan.

- "Military" ... *Forster*
"Rose in the Bud" ... *Forster*
Band.
Selection, "The Lily of Killarney" ... *Benedict*
Overture, "The Fair Maid of Perth" ... *Hartmann*

Announcer: C. J. Patterson.

- 5.0-5.30.—CHILDREN'S CORNER. *S.B. from Manchester.*

- 8.30. THE STATION RETORTORY CHOIR.
Hymn No. 32 (A. and M.).
Anthem, "Lead, Kindly Light" ... *Sullivan* (1)
The Rev. H. R. BENNETT, St. Jude's Church, Birmingham: Religious Address.
Choir.

- Hymn No. 265. (A. and M.).
9.0. THE STATION SYMPHONY ORCHESTRA.

Conducted by JOSEPH LEWIS.
Overture, "The Barber of Seville" ... *Rossini*
GLADYS WHITEHILL (Soprano).
"From Mighty Kings" ... *Handel* (2)
Orchestra.

- Symphony No. 8 in B Minor ("The Unfinished") ... *Schubert*
BEATRICE DICKSON (Contralto).
"Sea Wreck" ... *Harty* (1)
Orchestra.

- Suite, "The Water Music" ... *Handel, arr. Harty*

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

- 10.15.—Close down.
Announcer: Percy Edgar.

BOURNEMOUTH.

- 10.0.—Presidential Address, Workers' Educational Association. *S.B. from London.*

- 3.0. THE BAND OF H.M. 17TH/21ST ROYAL LANCERS and DOROTHY ROBSON (Soprano). Relayed from the South Parade Pier, Bournemouth.

- 4.45-5.0.—Interval.

- 5.0-5.30.—CHILDREN'S CORNER. *S.B. from Manchester.*

- BAND OF H.M. ROYAL AIR FORCE (By Permission of the Air Council), Director of Music: Flight-Lieut. J. H. AMERS.
"6th" CHOIR.
SYBIL MAIDEN (Contralto).
ALBERT SAMMONS (Solo Violin).
ANNE E. FARNELL-WATSON (Solo Pianoforte).

- 8.30. "Sybil Maiden"
"By the Waters of Babylon" ... *David*
"Ave Maria" ... *Lewis*
"Shepherd's Cradle Song" ... *Sullivan*
(Accompanied, Charles Lenson).

- 8.35. Band.
Cornet Solo, "The Holy City" ... *Stephen Adams* (1)
Band and Choir.
Hymn No. 242 (A. and M.).
Hymn No. 282 (A. and M.).

- 8.45.—Commandant John Wood (Salvation Army): Religious Address.
8.55. Band and Choir.
Hymn No. 298 (A. and M.).

- 9.0. Albert Sammons and Anne E. Farnell-Watson.
First and Second Movement of Sonata in A ... *Cesar Franck*

- 9.15. Sybil Maiden.
"Evering" ... *Gounod*
"L'Honneur Exquis" ... *Hahn*
"Go Not, Happy Day" ... *Bridge*
Band.
Suite in E Flat ... *Gustav Holst*
"In a Monastery Garden" ... *Ketelbey* (8)

- 9.45. Albert Sammons and Anne E. Farnell-Watson.
"Hymn to the Sun" ... *Korsakov-Kreisler*
"Rondo in G" ... *Mozart-Kreisler*
"Serenade" ... *Arensky*

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

- 10.15. Band.
Reminiscences of Mozart.
10.30. Albert Sammons and Anne E. Farnell-Watson.

- "Hebrew Lullaby" ... *Adrian-Auer*
"Slavische Tänze (4 & 5) in E Minor" ... *Dvořák-Kreisler*
"Russian Dance" ... *Zemlinsky*

- 10.40. Band.
R.A.F. Regimental March.
10.50.—Close down.

Announcer: John H. Baywood.

CARDIFF.

- 10.0 a.m.—Presidential Address, Workers' Educational Association. *S.B. from London.*

- 5.0-4.30. EVENSONG, relayed from LLANDAFF CATHEDRAL.

- 4.30-5.0. Vocalist, BEATRICE MIRANDA. Solo Pianoforte, VERA McCOMB THOMAS.
1. Songs.
11. Pianoforte Solo.
Sonata in D Minor (1st Movement) ... *Beethoven*

- "Dr. Gradus ad Parnassum" ... *Debussy*
Announcer: C. H. King.

- 5.0-5.30.—CHILDREN'S CORNER. *S.B. from Manchester.*

- 8.10.—CHOIR OF ST. MARTIN'S CHURCH.
Hymn No. 29 (A. and M.). Tone, "Angelus."
Anthem, "Be Not Afraid" ("Elijah") ... *Mendelssohn*

- The Rev. Dr. HOPKIN JAMES, St. Martin's Church, on "Religion and Psychology—Healing."
Hymn No. 309 (A. and M.). Tune, "St. Matthew."

- 8.40.

- The Story of the Rhine in Music. THE STATION SYMPHONY ORCHESTRA.
Conductor, WARWICK BRAITHWAITE.
Vocalist, NORMAN ALLEN (Bass).

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 99.

WIRELESS PROGRAMME—SUNDAY

(Continued from the facing page.)

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

- I. "Siegfried's Journey to the Rhine"
(*"Götterdämmerung"*) Wagner
II. Songs with Orchestra.
"Hagen's Watch" Wagner
"Hagen's Call to the Vassals" Wagner
III. "Song of the Rhine Daughters" Wagner
IV. Songs, Selected.
V. "The Ride of the Valkyries" Wagner
10.0.—NEWS and WEATHER FORECAST.
S.B. from London. Local News.
10.15.—Close down.
Announcer: E. R. Appleton.

MANCHESTER.

- 10.0 a.m.—Presidential Address, Workers' Educational Association. *S.B. from London.*
3.0-5.0.—THE BAND OF THE SALFORD CONSTABULARY.
(By Permission of the Chief Constable)
Conductor, THOMAS WILSON.
March, "The Mad Major" Alfard
Suite, "Neapolitan Scenes" Mascagni
1. Dance; 2. Procession and the Improvisation; 3. The Fête.
"Humoresque" Devoal
"Prelude" Jannefelt
TOM CASE (Baritone).
"David Singing Before Saul" Borlase
"King David's Lament" Swift (13)
"The Elf King" Schubert (1)
Band.
Overture, "Marinella" Fucil
Selection, "Morris England" German
Naval Patrol, "Britain's First Line" Williams (1)
Tom Case.
"Litany" Schubert (1)
"Faith" Grieg (5)
Recitation, "I Feel the Deity" Handel (11)
Band.
Selection of Favourite Airs Schumann (1)
Intermezzo, "Bells Across the Meadows" Kotelbay (1)
March, "Pomp and Circumstance," No. 2 Elgar (1)
5.0-5.30.—CHILDREN'S CORNER.—*S.B. to all Stations.*
5.0.—SIDNEY G. HONEY: Talk to Young People.
5.45. Miscellaneous Concert.
HELENA TAYLOR (Mezzo-Soprano).
"Pie ut Portem" Bonini
"Biblical Songs," Nos. 4 and 5 Devoni
KEEM McENDUO (Solo Violin).
"Variations on a Theme by Corelli" Tactini-Kreiser
"Aubade Provençale" Couperin-Kreiser
"Allegretto" Boccherini-Kreiser
"Preghiera" Martini-Kreiser
"Scherzo" Dittusdorf-Kreiser
HERBERT RUDDOCK (Bass).
"A Dream of Plymouth Hoe" Sanderson (1)
"My Captain" Cyril Scott (4)
CONSTANCE MORRIS (Elocutionist).
"The Legend Beautiful" Longfellow
Helena Taylor.
"Ave Maria" Schubert
"Courage"
8.40.—Hymn, "Dear Lord and Master of Mankind" (Tune, "Aberystwyth").
Religious Address.
Hymn No. 223 (A. and M.). Tune, Pilgrims.
10.0.—NEWS and WEATHER FORECAST.
S.B. from London. Local News.
10.15. Keem McEnduo.
"Ely" (from "Celtic Suite") Ernest Farrer (11)
"Little Brother of My Heart" (Old Irish Air) Larchet
"The Foggy Dew" (Old Irish Air) Alexander
"Tambourine" Joseph Jackson (1759)
Constance Morris.
"Marble and His Slave" (A Legend of Spain) John G. Sam

- Herbert Ruddock.
"The Call" Oliver (15)
"Sons of the Sea" Coleridge-Taylor (11)
10.40.—Close down.
Announcer: H. B. Brennan.

NEWCASTLE.

- 10.0 a.m.—Presidential Address, Workers' Educational Association. *S.B. from London.*
3.0.—Programme *S.B. from London.*
5.0-5.30.—CHILDREN'S CORNER. *S.B. from Manchester.*
8.30. L. and N. E. R. MUSICAL SOCIETY.
Hymn No. 173 (A. and M.).
The Rev. A. E. CORNIBER, Vicar of St. John's Church: Religious Address.
Hymn No. 184 (A. and M.).
8.55. Musical Society.
"To the Sons of Art" Mendelssohn (11)
"Old Folks at Home" arr. Williams (17)
THE STATION ORCHESTRA.
Conductor, WILLIAM A. CROSSE.
March Militaire Gounod
Musical Society.
"Early One Morning" Draphill (11)
"Cradle Song" Brahms (2)
"Nidara" Prothero
Orchestra.
"Berceuse de Jocelyn" Gounod
Petite Suite de Concert Coleridge-Taylor
Musical Society.
"Evening" Lewis (11)
"Good-night, Beloved" arr. Dicks
"Soldiers' Chorus" (Faust) Gounod (1)
Orchestra.
Finlandia Prelude Sibelius-Rachmaninoff
10.0.—NEWS and WEATHER FORECAST.
S.B. from London. Local News.
10.15. Orchestra.
Selection from "The Oration" Haydn
10.30.—Close down.
Announcer: C. K. Parsons.

ABERDEEN.

- 10.0 a.m.—Presidential Address, Workers' Educational Association. *S.B. from London.*
ANNE BALLANTINE (Contralto).
WALTER CAMPBELL (Baritone).
THE WIRELESS ORCHESTRA.
Orchestra.
3.0. "Canadian Sketches" Ivanoe
Anne Ballantine.
3.15. "Hymn to the Almighty" Schubert
"La Serenata" Braga
3.25. Walter Campbell.
"Sylvia, Now Your Scorn Give Over" Purcell
"Ah! How Pleased 'Tis to Love"
3.35. Orchestra.
Overture, "Tannhäuser" Wagner
3.50. Anne Ballantine.
"O, Could I But Express in Song" Mulashkin
4.0. "O, Soft Was the Song" Elgar (11)
Walter Campbell.
"Pleading" Elgar (11)
"Ich GroÙe Nicht" Schumann
4.10. Orchestra.
"Slavonic Fantasia" Schreiner (6)
Anne Ballantine.
4.25. "Phyllis Was a Faire Maiden" Glen Earles (1622) (1)
"The Praise of God" Deethouze (1)
4.35. Orchestra.
Symphony No. 1 in E Flat Haydn
5.0-5.30.—CHILDREN'S CORNER. *S.B. from Manchester.*
MARY FERRELL (Soprano).
ROBERT WATSON (Baritone).
THE WIRELESS QUARTETTE.
Quartette.
8.30. "Ave Maria" Schubert
"Ave Maria" Bach-Gounod
8.40. Mary Ferrell.
"My Heart Ever Faithful" Bach (11)
"I Moven as a Dove" Benedict (11)

- 8.50. Quartette.
"In the Steppes of Central Asia" Borodin
9.0. RUTHERFORD U. F. CHURCH CHOIR.
Psalm 33 (Tune, "Arlington").
The Rev. GORDON CAMERON, Rutherford U.F. Church: Religious Address.
Hymn, No. 95 (A. and M.).
Robert Watson.
9.15. "Four Biblical Songs" Devoni
Mary Ferrell.
9.25. "Let the Bright Seraphim" Handel (11)
"Ave Maria" (with Violin Obligato). Kuhn
Quartette.
9.35. "Andante Cantabile" (By Request) Tchaikovsky
Robert Watson.
9.45. "The Asra" Rubinstein (4)
"On the Beach at Ostia" Harrison (5)
"The Wanderer's Song"
10.0.—NEWS and WEATHER FORECAST.
S.B. from London. Local News.
10.15. Quartette.
"Stars of a Summer Night" Stanford
10.25.—Close down.
Announcer: A. M. Shunne.

GLASGOW.

- 10.0.—Presidential Address, Workers' Educational Association. *S.B. from London.*
3.0-3.30. THE WIRELESS QUARTETTE.
Overture, "Il Guarany" Gomes
Selection, "Philemon and Baucis" Gounod
2.20. ELLA GARDNER (Soprano).
"Truant Wings" Arns (11)
"The Lass With the Delicate Air" Arns
Quartette.
3.30. Suite, "Les Erinnyes" Massenet
Ella Gardner.
3.50. "The Spinning Wheel" Stella
"O Divine Redeemer" Gounod
Quartette.
4.0. "Fantasy on Works of Chopin" arr. Petras (6)
Ella Gardner.
4.25. "My Mother Bids Me Bind My Hair" Haydn
"Il Bacio" Ardit
4.35. Quartette.
Suite, "Christmas Tree" Rebikov
"Dances of the Apprentices" ("The Master-singers") Wagner
"Carillon" Elgar (4)
5.0-5.30.—CHILDREN'S CORNER. *S.B. from Manchester.*
8.30. THE PSALMODY QUARTETTE.
Psalm 148 (2nd Version) (Tune No. 175—"St. John").
8.35.—The Rev. H. H. SUMMERS, M.A., B.Sc., of Hillhead Congregational Church: Religious Address.
Psalm 112 (Tune 102—"St. Fulkert").
8.55. ISAAC LOSOWSKY (Solo Violin).
2nd and 3rd Movements from Violin Concerto Mendelssohn
9.10. DOROTHY PUGH (Soprano).
"The Rose Enslaves the Nightingale" Rimsky-Korsakov
"The Lament of Isis" Bartok
9.20. Isaac Losowsky.
"Chanson et Pavane" Couperin-Kreiser
"Sicilienne et Rigaudon" Francaix-Kreiser
9.30. Dorothy Pugh.
"Silent Noon" Vaughan Williams
"I Know a Bank" Martin Shaw
9.40. Isaac Losowsky.
"Hebrew Melody" Achorn-Zimbalist
Dorothy Pugh.
9.50. "Now Sleeps the Crimson Petal" Quilter (1)
"If We Sailed Away" Montague Phillips
10.0.—NEWS and WEATHER FORECAST.
S.B. from London. Local News.
10.15.—Close down.
Announcer: Herbert A. Carruthers.

A number against a musical term indicates the name of its publisher. A key list of publishers will be found on page 92.

WIRELESS PROGRAMME—MONDAY (July 14th.)

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

LONDON.

- 10.30 a.m.—H.R.H. The Prince of Wales opening the International Advertising Convention at Wembley.
- 4.0-5.0.—Time Signal from Greenwich. Concert: The "2LO" Trio. "A Châlet Holiday," by Yvonne Cloud, Clara Bough (Contralto). "Boston—The Intellectual Centre of America," by Kathleen Courlander.
- 6.0-6.45.—CHILDREN'S CORNER: Saba Story—"The Dragon that Snapped," by E. W. Lewis. "Treasure Island," Chap. 22, Part I., by Robert Louis Stevenson.
- 6.45-8.55.—Boys' Brigade, Boys' Life Brigade, and Church Lads' Brigade Bulletin.
- 7.0.—TIME SIGNAL FROM BIG BEN, 1ST GENERAL NEWS BULLETIN and WEATHER FORECAST. *S.B. to all Stations.*
- Mr. A. G. HUNTLEY, Acoustical Engineer, A.M.I.S.E.E., on "Architectural Acoustics." *S.B. to Manchester and Aberdeen.*
- Local News.
- 7.30-8.0.—Interval.
- 8.0.—"From My Window," by Plüemou.

- 9.5. Hours With Living British Composers. BENJAMIN J. DALE NORMAN NOTLEY (Baritone). RAYMOND JEREMY (Solo Viola) and his Sextette of Violas.

ENID BAILEY (Solo Violin). BILDA DEDERICH (Solo Pianoforte). Sextette of Violas. Introduction and Andante for Six Violas. Pianoforte Solo. Theme and Six Variations from Sonata in D Minor (11) Baritone Songs.

Shakespeare Songs:— (a) "O Mistress Mine"; (b) "Come Away, Death" (11) (Accompanied by the Composer.) Viola Solo.

Phantasy for Viola and Pianoforte, (At the Piano—Hilda Dederich.) Pianoforte Solo. "Night Fancies." Violin Solo. (12)

"English Dance," "Prunello."

- 9.15.—Prof. E. THOMSON on "The Future of Wireless." *S.B. to all Stations.*

- 9.30.—TIME SIGNAL FROM GREENWICH, 2ND GENERAL NEWS BULLETIN and WEATHER FORECAST. *S.B. to all Stations.*

Local News.

9.45.—"HUGH THE DROVER," Act II. (R. Vaughan-Williams), Act II., performed by the B.N.O.C., relayed from His Majesty's Theatre. *S.B. to all Stations.*

- 10.45 (approx.).—THE SAVOY ORPHEANS and SAVOY HAVANA BANDS, and SELMA FOUR, relayed from the Savoy Hotel, London. *S.B. to all Stations.*

12.0.—Close down.

Announcer: J. G. Broadbent.

BIRMINGHAM.

- 3.30-4.30.—Lozells Picture House Orchestra. Directed by Paul Rimmer.
- 5.0-5.30.—WOMEN'S CORNER: Sidney Rogers, F.R.H.S.—Topical Horticultural Hints.
- 5.30-5.35.—Agricultural Weather Forecast.
- 5.35-6.30.—CHILDREN'S CORNER.
- 6.30-6.45.—Teen's Corner: Uncle Felix on "Naval History."
- 6.45-6.55.—Boys' Brigade, Boys' Life Brigade, and Church Lads' Brigade Bulletin.
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*

Local News.

- Lieut. A. E. SPRY, R.N.V.R., on "The Legend of Drake's Dream."
- 7.30-8.0.—Interval.

Miscellaneous Programme.

- 8.0. ALICE COUCHMAN (Solo Pianoforte). Scherzo, Waltz in G Flat } *Moszkowski*
Berceuse }
"Caprice Espagnol" }
8.15. KATHLEEN NORRIS (Humorous Recitals). "There Was An Old Woman" Squares (13) "Awkward Questions" Tale (7) "The Christmas Gift" Anon (13) "He Did" Anon (13)

- 8.30. HELENA MILLAIS (The Actress Entertainer). In Light Songs and "Fragments from Life." Helen Courthman. "Papillons" Schostakovich
Nocturne Debussy
Capriccio in F Sharp Minor Bridge
Helena Millais.

- In a further Selection of Songs, etc.
- 9.15.—Prof. E. THOMSON. *S.B. from London.*
- 9.30.—NEWS and WEATHER FORECAST. *S.B. from London.*

- Local News.
- 9.45.—"HUGH THE DROVER," Act II. *S.B. from London.*

- 10.45 (approx.).—THE SAVOY BANDS. *S.B. from London.*
- 12.0.—Close down.

Announcer: C. J. Patterson.

BOURNEMOUTH.

- 3.45-5.15.—Ethel Rowland (Solo Pianoforte). THE ROYAL BATH HOTEL DANCE ORCHESTRA, relayed from King's Hall Rooms. (Musical Director, DAVID S. LIFF.) Talks to Women. Mrs. Kitching. Travel Talk—"Wanderings in Provence."

- 5.15-6.0.—CHILDREN'S CORNER.
- 6.0-6.15.—Boys' Brigade, Boys' Life Brigade, and Church Lads' Brigade Bulletin.

- 6.15-6.45.—Scholars' Half-Hour: Miss M. R. Decombe, M.A., on "Outdoor History Hills."

- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- Capt. N. B. LAWRENCE on "Philately." Local News.

- 7.30-7.45.—Interval.

BENNO SCHÖNBERGER

(Solo Pianoforte).

THE BOURNEMOUTH MUNICIPAL ORCHESTRA.

Relayed from the Winter Gardens. Deputy Conductor, MONTAGUE BIRCH.

ELSIE SUDDBY (Soprano).

- 7.45. Benno Schönberger. Two Fantastisches Schumann

- (a) In der Nacht (b) Trauerweiser
Fantasia in F Minor Chopin

- 8.5. Elsie Sudaby. Three Aspects Parry (11)
"Where Shall the Lover Rest?"
"My Heart is Like a Singing Bird" Parry (11)

- 8.15. Orchestra. Prelude in C Sharp Minor Rachmaninoff
Overture, "Patria" Bizet
"Preludium" Janáček

- 8.35. Benno Schönberger. Sonnet Petrarca Liszt
Etude—Spinning Song Schönberger
Valse Esquise Schönberger

- 8.45. Orchestra. Extracts from the "Italian Symphony" Mendelssohn

- 9.0. Elsie Sudaby. "Armida's Garden" Parry (11)
"Whither I Live" Parry (11)
"A Fairy Town" Parry (11)

- 9.10. Benno Schönberger. Hungarian Rhapsody No. 2 Schostakovich

- 9.15.—Prof. E. THOMSON. *S.B. from London.*

- 9.30.—NEWS and WEATHER FORECAST. *S.B. from London.*

- Local News.
- 9.45.—"HUGH THE DROVER," Act II. *S.B. from London.*

- 10.45. (approx.).—THE SAVOY BANDS. *S.B. from London.*

- 12.0.—Close down.

Announcer: John B. Raymond.

CARDIFF.

- 3.0-4.0.—The Station Trio and Richard Daniels (Baritone).

- 4.0-4.45.—The Carlton Orchestra, relayed from the Carlton Restaurant.

- 5.0-5.45.—"SWAS" "FIVE O'CLOCKS" Vocal and Instrumental Artists, including Olive Williams (Soprano). Talks to Women. Weather Forecast.

- 5.45-6.30.—CHILDREN'S CORNER.

- 6.30-6.45.—The Romance of Achievement (Studies in the Lives of Great Artists): "Palmyra—The Hugenot Potter."

- 6.45-6.55.—Boys' Brigade, Boys' Life Brigade, and Church Lads' Brigade Bulletin.

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

- Local News.

- Lt.-Col. C. WEAVER PRICE, M.C., Brecon, on "Bess."

- THE BAND OF H.M. ROYAL AIR FORCE.

- (By Permission of the Air Council). Conductor, Flight-Lieut. J. H. AMERS.

- Vocalist, ANNE THURFIELD (Mezzo-Soprano).

- Band. Overture, "Zampa" Harold (1)

- Selection, "Merrie England" Gorman
Songs.

- 7.45. "L'Amour est un Enfant" Martini
"My Lovely Celia" Monm (1)
"A Pastorale" Carey (1)

- 7.55. Band. Overture, "Roy Blue" Mendelssohn

- "Summer Days" Carter
"Rustle of Spring" Girdling
Songs.

- 8.15. "J'ai pleuré en rêve" Hue
"Early Morn'g" Peel
"Mary and the Kitten" Bryan

- 8.25. Band. Overture, "The Flying Dutchman" Wagner

- Selection, "Madame Butterfly" Puccini
Suite, "Norwegian Dances," Nos. 2 and 3
Grieg

- 8.45. Songs. "Colomba" Italian Folk Song
"I Stood on de Ribbes" Burleigh
"Didn't it Rain?" Burleigh

- 8.55. Band. Dance Suite, "The Shoe" Ansell

- (a) "The Babot"; (b) "The Ballet Shoe"; (c) "The Court Shoe"; (d) "The Sandal"; (e) "The Brogue."

- In Santa Claus' Workshop Anon

- 9.15.—Prof. E. THOMSON. *S.B. from London.*

- 9.30.—NEWS and WEATHER FORECAST. *S.B. from London.*

- Local News.

- 9.45.—"HUGH THE DROVER," Act II. *S.B. from London.*

- 10.45. (approx.).—THE SAVOY BANDS. *S.B. from London.*

- 12.0.—Close down.

Announcer: W. M. Settle.

MANCHESTER.

- 2.30-3.0.—MAINLY FEMININE. Miss Constance Morris (Elocutionist).

- 3.15-5.0.—BENNES O' TH' BARN BAND, relayed from the Municipal Gardens, Southport. (Conductor, HARRY BARLOW.)

- 5.45-6.0.—Children's Letters.

- 6.0-6.30.—CHILDREN'S CORNER.

- 6.45-6.55.—Boys' Brigade, Boys' Life Brigade and Church Lads' Brigade Bulletin.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 19.

WIRELESS PROGRAMME—MONDAY (Continued from the facing page.)

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

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

Mr. A. G. HUNTLEY. *S.B. from London.*
Local News.

7.30-7.45.—Interval.

7.45.—The Return of
"THE MELODY FOUR."

Quartettes:

"Robin Adair" Cantor (11)

"A Medley of Song" arr. P. Hall

PERCY HALL (Tenor).

"The Rent of the Lilies" Cobb

"The Gentle Maiden" Somerville

Quartettes.

"Forsaken Am I" Knacher (2)

"There Are Women" Oakley (2)

G. H. DITCHBURN (Bass).

"Lighterman Tom" Squire

"Four Jolly Sailors" German

Quartettes.

"On the Banks of Allan Water" Cantor (11)

"The Catastrophe" Sprague

8.30.—VICTOR SMYTHE and ALGY.

8.45.—"The Melody Four."

Quartettes.

"Comrades in Arms" Adam

"Drink to Me Only" (Old English)

arr. "Melody Four"

Percy Hall (Tenor) and G. H. Ditchburn

(Baritone).

Duet.

Quartette.

"When Evening's Twilight" Hutton (11)

9.15.—Prof. E. THOMSON. *S.B. from London.*

9.30.—NEWS and WEATHER FORECAST.

S.B. from London.

Local News.

9.45.—"HUGH THE DROVER," Act II.

S.B. from London.

10.45 (approx.).—THE SAVOY BANDS. *S.B.*

from London.

12.0.—Close down.

Announcer: H. B. Brennan.

NEWCASTLE

3.45-4.45.—Concert: The Electric Sparks Concert Party.

4.45-5.15.—WOMEN'S HALF-HOUR: Weekly News Letter. Dr. Lilias McGregor. Talk: "The Queen's Doll's House."

5.15-6.0.—CHILDREN'S CORNER.

6.0-6.30.—Scholars' Half-Hour.

6.30-8.45.—Boys' Brigade, Boys' Life Brigade, and Church Lads' Brigade Bulletins.

6.45-6.50.—Farmers' Corner.

7.0.—NEWS and WEATHER FORECAST.

S.B. from London.

Local News.

A. R. FAIRBAIRN on "Esperanto."

7.30-8.0.—Interval.

8.0.—THE STATION ORCHESTRA.

Conductor: WILLIAM A. CROSSE.

March, "With Sword and Lance" Stark

Overture, "Marius" Flotow

TINA MACINTYRE (Soprano).

"Away on the Hill" Banaji (5)

"Love, I Have Won You" Del Acqua

"Villanelle" Del Acqua

Orchestra.

Selection of Italian Folk Songs, arr. Langley

Tina MacIntyre.

Waltz Song ("Romeo and Juliet") Gounod

"Softly Softly" ("Der Freischütz")

Weber (15)

Orchestra.

Excerpts from "A Night Out" Redstone (8)

9.15.—Prof. E. THOMSON. *S.B. from London.*

9.30.—NEWS and WEATHER FORECAST.

S.B. from London.

Local News.

9.45.—"HUGH THE DROVER," Act II.

S.B. from London.

10.45 (approx.).—THE SAVOY BANDS. *S.B.*

from London.

12.0.—Close down.

Announcer: W. M. Showen.

ABERDEEN

2.30-3.0.—Concert by the Wireless Quartette. A Local Expert on "Antiques." A. M. Stannis (Pianist). Friends' Topics.

6.0-6.30.—CHILDREN'S CORNER: Games Evening.

6.30-6.40.—Boys' Brigade, Boys' Life Brigade, and Church Lads' Brigade Bulletins.

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

Mr. A. G. HUNTLEY. *S.B. from London.*
Local News.

7.30.—Girl Guides' News Bulletin. Boy Scouts' News Bulletin.

Everybody's Programme.

ELSIE COCHRANE (Soprano).

GEORGE PARKER (Bass).

THE WIRELESS ORCHESTRA.

Orchestra.

8.0.—Selection, "Merris England" ... Binding

Elsie Cochrane.

8.15.—"Bird of Love Divine" Wood

"Spring's Awakening" Sanderson (1)

(Both with Orchestral Accompaniment.)

George Parker.

8.25.—"The Old Maid Shawl" Haynes (11)

"She is Far From the Land" Lambert

"The Gentle Maiden" arr. Somerville

"Come, My Own One" arr. Butterworth

8.35.—Trio for Violin, 'Cello and Piano, Op. 1.

No. 1 Beethoven

8.50.—Elsie Cochrane.

"Jewel Song" ("Faust") Gounod

(With Orchestral Accompaniment.)

George Parker.

9.0.—"O Star of Eve" Wagner (1)

Prologue to "Pagliacci" Leoncavallo

9.15.—Prof. E. THOMSON. *S.B. from London.*

9.30.—NEWS and WEATHER FORECAST.

S.B. from London.

Local News.

9.45.—"HUGH THE DROVER," Act II.

S.B. from London.

10.45 (approx.).—THE SAVOY BANDS. *S.B.*

from London.

12.0.—Close down.

Announcer: W. D. Simpson.

GLASGOW.

3.30-4.30.—The Wireless Quartette and Carma Daab (Soprano).

4.45-5.15.—TOPICS FOR WOMEN: Mrs. Kenley Holmes on "Women of North Russia." Topical Afternoon.

5.15-6.0.—CHILDREN'S CORNER: Letter Competition Results.

6.0-6.3.—Weather Forecast for Farmers.

6.5-6.15.—Boys' Brigade, Boys' Life Brigade, and Church Lads' Brigade Bulletins.

7.0.—NEWS and WEATHER FORECAST.

S.B. from London.

7.10.—Lady E. S. PARROTT, on "Bonnie Prince Charlie in the Highlands."

7.25.—Local News.

7.30-7.45.—Interval.

Instrumental Music, Song and Speech.

7.45.—D. KENNEDY-FRASER on "Psychology."

BEATRICE HARRISON (Solo 'Cello).

JOHN COLLINSON (Tenor).

NAN R. SCOTT (Elocutionist).

THE STATION ORCHESTRA.

Conducted by ISAAC LOSOWSKY.

8.0.—Orchestra.

8.10.—Overture, "The Flying Dutchman" Wagner

Beatrice Harrison.

Sarabande Handel

Musette Handel

Allemande Senaite-Salman

8.25.—Nan R. Scott.

"Two Red Roses Across the Moon"

W. Morris

"The Listeners" W. de la Mare

8.35.—John Collinson.

"Rising Storm" M. Stewart

"When Death to Either Shall Come"

Muriel Herbert

"The Soldier" J. Ireland

"The Beloved's Voice" Masei-Hardman

"The Cradle of the Living God" M. Stewart

"Love Want a-Riding" Frank Bridge

"Beauty" M. Herbert

"Offerings" Mosak Gould

"Morning" Oley Speaks

"Renouncement" M. Herbert

"The Toll-Gate House" Mrs. Rowley

"The Lum" Adela Moddison (5)

8.45.—Orchestra.

Waltz, "Pas des Fleurs" ("Naila") Delibes

8.50.—Nan R. Scott.

"Tim, an Irish Terrier" W. M. Letts

"I Will Not Let Thee Go" R. Bridges

9.0.—Beatrice Harrison.

"Greek Dance" Seligman

"Chant Indien" Rimsky-Korsakov

Waltz Kreisler

9.15.—Prof. E. THOMSON. *S.B. from London.*

9.30.—NEWS and WEATHER FORECAST.

S.B. from London.

Local News.

9.45.—"HUGH THE DROVER," Act II.

S.B. from London.

10.45 (approx.).—THE SAVOY BANDS. *S.B.*

from London.

12.0.—Close down.

Announcer: R. B. Alexander.

A number against a musical item indicates the number of its publisher. A key list of publishers will be found on page 98.

EVENTS OF THE WEEK.

SUNDAY, JULY 13th.

BOURNEMOUTH, 5.30.—Band of H.M.

Royal Air Force.

CARDIFF, 8.40.—Story of the Rhine in

Music.

MONDAY, JULY 14th.

LONDON, 8.5.—Hours with Living

British Composers: Benjamin J. Dale.

LONDON, 9.45.—"Hugh the Drover"

(R. Vaughan Williams), played by the

B.N.O.C., relayed from H.M. Theatre.

S.B. to all Stations.

CARDIFF, 7.30.—Band of H.M. Royal

Air Force.

TUESDAY, JULY 15th.

CARDIFF, 9.0.—Blue Water Evening—II.

MANCHESTER, 9.0.—Band of H.M.

Royal Air Force.

NEWCASTLE, 7.45.—Mozart Evening.

WEDNESDAY, JULY 16th.

LONDON, 8.0.—Wireless Debate.

NEWCASTLE, 9.10.—Two Short Plays.

GLASGOW, 8.0.—Band of H.M. Royal

Air Force.

THURSDAY, JULY 17th.

BOURNEMOUTH, 8.30.—Band of 1st

Batt. The Lancashire Fusiliers.

CARDIFF, 8.0.—An Evening of Plays.

MANCHESTER, 8.0.—Old English Vocal

Music.

NEWCASTLE, 8.0.—Operatic Night.

ABERDEEN, 8.30.—Scandinavian Night.

FRIDAY, JULY 18th.

NEWCASTLE, 8.0.—Band of H.M. Royal

Air Force.

GLASGOW, 8.0.—Ibsen's Great Drama,

"Emperor and Galilean."

SATURDAY, JULY 19th.

LONDON, 8.0.—Empire Choir Concert,

relayed from Wembley.

LONDON, 10.30.—"Tannhäuser," Act

III., performed by the B.N.O.C., relayed

from H.M. Theatre. S.B. to all Stations.

BIRMINGHAM, 8.0.—Band of H.M.

Royal Air Force.

WIRELESS PROGRAMME—TUESDAY (July 15th.)

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

LONDON.

- 1.0-2.0.—Time Signal from Big Ben. Concert: The "ELO Trio" and Roma Desmond (Soprano).
 4.0-5.0.—Time Signal from Greenwich. Jenny Wren on "Books Worth Reading." Organ and Orchestral Music relayed from Shepherd's Bush Pavilion. "The Rain Saint of England," by Agnes M. Miall.
 6.0-6.45.—CHILDREN'S CORNER: "The Tinder Box" (Hans Andersen), told by Harcourt Williams. "The Origin and Development of the Steam Ship," by W. J. Bassett Lowke. Piano Synchro-pations by Uncle Ragtime. Music by the Underwood Street L.C.C. School Orchestra.
 6.45-7.0.—An Appeal on behalf of the Infants' Hospital, Westminster, by Lady Mond, O.B.E.
 7.0.—TIME SIGNAL FROM BIG BEN. 1ST GENERAL NEWS BULLETIN and WEATHER FORECAST. S.B. to all Stations.
 A FRENCH TALK under the auspices of L'INSTITUT FRANCAIS. S.B. to other Stations.
 Local News.
 7.30-8.0.—Interval.

?

Second Query Programme WELL-KNOWN RADIO ARTISTS and THE WIRELESS ORCHESTRA.

Following on the success of the last "Query Programme" on May 7th, listeners are again invited to submit a draft of the programme, complete with names of artists, items, and announcer, as it would ordinarily have been sent to press for *The Radio Times*.

The most successful entrant will be awarded a prize of five guineas, and each of the two runners-up two guineas; the first five competitors will be invited to spend an evening at the London Studio. All entries must reach 2, Savoy Hall, not later than first post on Monday, July 21st, 1924, and envelopes clearly marked "Query Programme" in the top left-hand corner.

The portions of the programme concerned in this competition fall only between 8.0 and 10.0 p.m., and 10.30 and 11.0 p.m.

- 10.0.—TIME SIGNAL FROM GREENWICH. 2ND GENERAL NEWS BULLETIN and WEATHER FORECAST. S.B. to all Stations.
 Canon ANTHONY DEANE. "The Legend of St. Swithun." S.B. to all Stations.
 Local News.
 10.30.—Query Programme (Continued).
 11.0.—PHILIPPINO DANCE BAND on board S.S. "LEVIATHAN," off Land's End. Relayed by wireless.
 12.0.—Close down.
 Announcer: R. F. Palmer.

BIRMINGHAM.

- 3.30-4.30.—Station Piano Quintette: Conducted by Frank Castell.
 5.0-5.30.—WOMEN'S CORNER: George Handley, F.E.S., on "The Queen Bees."
 5.30-5.35.—Agricultural Weather Forecast.
 5.35-6.30.—CHILDREN'S CORNER.
 6.30-6.45.—"Teens' Corner: George Handley, F.E.S., on "When the Bees Swarm."
 7.0.—NEWS and WEATHER FORECAST. S.B. from London.
 FRENCH TALK. S.B. from London.
 Local News.
 Popular Programme.
 7.30.—THE STATION ORCHESTRA.
 Overture, "Mirella" General (1)
 March, "Tacture" General (1)
 Waltz, "La Belle au Bois Dormant" Tchaikovsky

- "Carzonetta" Front
 Fox-trot, "Dance Time is Love Time" Rosen (7)
 ANNE THURSFIELD (Mezzo-Soprano)
 A Group of Folk Songs:
 "Calogita" (Italian) arr. Schindler
 "I Know Where I'm Going" (Irish) Hughes (1)
 "On Fesi la Filla" (French) Ladmiral
 "I Stood on de Ribber" (Negro) arr. Barleigh
 "Don't it Rain?" (Spirituals) Barleigh
 A Humorous Interlude by AERBUT PAERKS.

- Orchestra.
 Selection, "The Mammoth"
 Monks and Tallot
 Waltz, "Brunette or Blonde" Waldteufel
 EDITH JAMES (Songs at the Piano).
 "Mauderly" Gidson (7)
 "Seven Years Hard" Gallantry (7)
 "If You Know Mother" Cory (15)
 Anne Thurstfield.
 "Le Secret" Faure
 "Lilac" Rachmaninoff
 "To One Who Passed Whistling" Gidson (2)
 "Early Morning" Peel
 "The Song of the Palmyra Bearers" Shaw (2)
 Five Spanish Dances Moscovsky
 Cantata Rustique Pears.

10.0.—NEWS and WEATHER FORECAST. S.B. from London. Canon ANTHONY DEANE. S.B. from London. Local News.

- 10.30.—Orchestra.
 Ballet Music, "Le Cid" Massenet
 (a) Castillans; (b) Andalous; (c) Aragonais; (d) Andalus; (e) Catalans; (f) Madrilenos; (g) Navarrais.
 March, "Le Prophete" Meyerbeer
 11.0.—Close down.
 Announcer: C. J. Patterson.

BOURNEMOUTH.

- 1.45-5.15.—"63M" Trio: Reginald S. Mount (Violin), Thomas Hingworth (Violoncello), Arthur Marston (Pianoforte), Gilbert Wright (Solo Cornet). Talks to Women. A Woman Doctor on "Mothercraft."
 5.15-6.15.—CHILDREN'S CORNER.
 6.15-6.45.—Scholars' Half-Hour: John Adams, A.R.C.A., on "19th Century Painting."
 7.0.—NEWS and WEATHER FORECAST. S.B. from London.
 FRENCH TALK. S.B. from London.
 Local News.
 7.30-8.30.—Interval.

- "A Brighter?"
 BALALAIKA ORCHESTRA.
 JOHN HENRY (Entertainer).
 MARCIA BOURN and LENA COPPING (Duoists).
 THE WIRELESS ORCHESTRA.
 Conductor, Capt. W. A. FEATHERSTONE.
 Wireless Orchestra.
 Selection of Harry Lauder's Songs
 Shapley Douglas (1)
 8.40.—John Henry.
 8.50.—Balalaika Orchestra.
 "Behind the Forest Rise Black Clouds" (Lyric Folk Song) arr. Ponsen
 "I'm Sitting on a Stone" (Humorous Folk Song) arr. Ponsen
 "In Church" Tchaikovsky
 "Polianka" (Musical Sketch) Vladimiroff
 9.5.—Marcia Bourn and Lena Copping.
 "Wana Blues" (11)
 "Smile, Underella" General (6)
 "Say it with a Ukulele" General (6)
 "Night Time in Italy" Brown (11)
 9.20.—Wireless Orchestra.
 Potpourri, "Melodious Memories" Fench

- 9.35.—Balalaika Orchestra.
 Chanson ("In Love") Front
 Wals, "Butterfly" Andreeff
 "Sweet and Low"
 Rumbly, Russian Setting by Ponsen
 "March of the Body Guards of the Czar Nicholas II." Andreeff
 9.50.—John Henry.
 10.0.—NEWS and WEATHER FORECAST. S.B. from London.
 Canon ANTHONY DEANE. S.B. from London.
 Local News.
 10.30.—Balalaika Orchestra.
 "Song of the Boatmen on the Volga" Traditional
 "Brightly Shines the Silver Moon" (Variations) arr. Andreeff
 10.40.—Marcia Bourn and Lena Copping.
 "I Left My Door Open" Irving (16)
 "Maggie" Tucker (7)
 "When the Sun Goes Down" Gidson (7)
 "Just Keep on Dancing" Paid (10)
 "Broadway Blues" C. Morris (16)
 10.55.—Wireless Orchestra.
 Patrol, "The Wee Macgregor" Andreeff
 11.0.—Close down.
 Announcer: John B. Raymond.

CARDIFF.

- 3.0-4.0.—Fellman and his Orchestra, relayed from the Capitol Cinema.
 5.0-5.45.—SWA'S "FIVE O'CLOCKS": Vocal and Instrumental Artists, including Albert Went (Baritone). Talks to Women. Weather Forecast.
 5.45-6.30.—CHILDREN'S CORNER.
 6.30-6.45.—"How to Write Stories" (IX.), by an Editor.
 7.0.—NEWS and WEATHER FORECAST. S.B. from London.
 FRENCH TALK. S.B. from London.
 Local News.
 7.30-8.0.—Interval.
 ELSIE SUDDABY (Vocalist).
 THE STATION ORCHESTRA.
 8.0.—Orchestra.
 March, "Soldier's Life" Schumann
 "Polka in A Flat" Chopin
 8.15.—Songs.
 "Orpheus With His Lute" Sullivan (1)
 "Now Sleeps the Crimson Petal" Quilter (1)
 8.25.—Orchestra.
 Overture, "Cagliostro" Berlioz
 Suite, "Sylvan Scenes" Fitcher
 (a) "In Beauty's Bower"; (b) "Sylvia Dances"; (c) "Pool of Narcissus"; (d) "Capricious Carnival."
 8.40.—Mr. W. J. T. COLLINS: A Message on "The Rotary Boy's Welfare."
 8.50.—Songs.
 "I Attempt From Love's Sickness to Fly" Purcell (13)
 "The Lass with the Delicate Air" Arne
 9.0.—Blue Water Evening II.
 S.S. Wavelength continuing her adventurous voyage drops anchor off the Isle of Fideus. Listeners will hear the amazing experiences of the passengers and crew, and will also obtain a knowledge of the strange customs of the inhabitants of the island.
 10.0.—NEWS and WEATHER FORECAST. S.B. from London.
 Canon ANTHONY DEANE. S.B. from London.
 Local News.
 10.30.—Close down.
 Announcer: C. H. Kives.

MANCHESTER.

- 12.30-1.30.—Mid-day Music relayed from the Piccadilly Picture Theatre.
 2.30-3.0.—MAINLY FEMININE: Miss M. Pilkington. "Amis—The Home of St. Francis."

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 95.

WIRELESS PROGRAMME—TUESDAY (Continued from the facing page.)

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

5.15. The House of Commons. (S.B.) Wagner and Mahler. (S.B.)

6.15. CHILDREN'S CORNER. The Children's Hour.

6.30. A Patch: "The Growth of the Nation."

7. News and WEATHER FORECAST. S.B. from London.

FRENCH TALK. S.B. from London.

8.15. BAND OF H.M. ROYAL AIR FORCE. (S.B.)

8.30. MAY JOHNSON. (S.B.)

8.45. NEWS and WEATHER FORECAST. S.B. from London.

9.15. NEWS and WEATHER FORECAST. S.B. from London.

9.30. NEWS and WEATHER FORECAST. S.B. from London.

9.45. NEWS and WEATHER FORECAST. S.B. from London.

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10.30. NEWS and WEATHER FORECAST. S.B. from London.

10.45. NEWS and WEATHER FORECAST. S.B. from London.

NEWCASTLE.

3.45-4.15.—(Concert) Mona C. Ellison (Soprano),

Wendell Redpath (Solo Pianoforte),

Jack Todd (Tenor).

4.15. WOMEN'S HALF HOUR. Miss Robins

etc. "The Camp Fire Movement." Chorus

singing by Camp Fire Girls.

5.15. CHILDREN'S CORNER.

6.15-6.30. "Auntie's" Half hour.

6.45-7.15. Farmers' Corner.

7.15-7.30. NEWS and WEATHER FORECAST.

S.B. from London.

TALK by EDGAR L. BAYNTON, President

of the Newcastle Conservatoire of

Music.

Morart Evening.

7.45. THE STATION ORCHESTRA.

Conductor: WILLIAM A. CROSS.

On programme: The Magic Flute.

Viola from Serenade (for Strings).

8.0. ERNEST SHARER QUINETTE.

Clarinet Quintette.

KEY LIST OF MUSIC PUBLISHERS.

1. Bowers and Co.
2. Carron, J., and Sons, Ltd.
3. Herman Darcowski Music Publishing Co.
4. Ekin and Co., Ltd.
5. Enoch and Sons.
6. Feldman, B., and Co.
7. Francis, Day and Hunter.
8. Larway, J. H.
9. Lawrence Wright Music Co.
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12. Phillips and Page.
13. Reynolds and Co.
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CHAPPELL WEBER BROADWOOD

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

Concert Programme.

BEATRICE HARRISON, Soloist.

2ND OPERATIC CHOIR.

Conductor: ARTHUR COLLINS WOOD.

THE WIRELESS ORCHESTRA.

8.30. Overture.

8.45. Iphigenia in Aulis. (Gloria)

Beatrice Harrison.

9.0. M. Auer.

9.15. "Memento."

9.30. Early English and Modern Settings of

Famous Shakespearean Songs.

10.0. NEWS and WEATHER FORECAST.

S.B. from London.

10.15. ANTHONY DEANE. S.B. from

London.

10.30. Beatrice Harrison.

Greek Dance. S.B. from

London. S.B. from

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WIRELESS PROGRAMME—THURSDAY (July 17th)

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

LONDON.

- 1.0-2.0.—Time Signal from Big Ben, The Works Concert of new Gramophone Records.
- 4.0-5.0. Time Signal from Greenwich. Concert: Eric Boyd (Baritone). The Wireless Trio. "The Land of Early Morning," by Annette M. Adams. Florence T. Smith on "The Poetry of Time."
- 6.0-6.4. **CHILDREN'S CORNER**: "Stories by Mrs. Nobody Special." Auntie Hilda and Uncle Humpy Dumpty: "The Water Wheel's Story." L.G.M. of the *Daily Mail* on "Ancient Natural History."
- 7.0. TIME SIGNAL FROM BIG BEN, 1ST GENERAL NEWS BULLETIN and WEATHER FORECAST, S.B. to all Stations.
- Talk by the Radio Society of Great Britain.
- Mr. McDOWALL on "A Cruise Round Britain." S.B. to other Stations.
- Local News.
- 7.30-8.0. **MUSIC OLD AND NEW.**
- EDITH JOHNSON (Soprano)
LEON GOSSENS (Solo Oboe)
THE AUGMENTED WIRELESS ORCHESTRA.
Conducted by DAN GOLFREY, J.L.S.
The Orchestra.
Norwegian Rhapsody "..... Lalo
Soprano, with Orchestra.
Rust. Air, "Au! Somme-lui" ("La Traviata") Lord
The Orchestra.
Rhapsody "..... E. J. MOERAN
(Conducted by the Composer.)
Oboe and Orchestra.
Concert Oboe (Oboe and Orchestra).
Prelude, "Romeo and Juliet"
ROBERT CHIGNELL
(Conducted by the Composer.)
Soprano, with Orchestra.
Arie, "The Shadow Song" ("Dinorah")
Meyerbeer
The Orchestra.
Symphony No. 1 in G Minor. *Kabanovsk*
- 10.0. **THE NATIONAL FLOW REFINED**
AND GENERAL NEWS BULLETIN
and WEATHER FORECAST S.B. to all Stations.
- The Rt. Hon. FRANCIS DYKE
ACLAND, P.C., M.P. on "The National Trust." S.B. to all Stations.
- Local News.
- 10.30. **MUSIC OLD AND NEW** (Continued).
The Orchestra.
Rhapsody, "Mai Dun" John Ireland
(Founded on Dorset Folk-Tunes.)
Soprano, with Orchestra.
"Lo! Hete the Gentle Lark" Lushy
The Orchestra.
"Capriccio Espagnol" Rimsky-Korsakov
- 11.0.—Close down.
Announcer J. G. Brindley.
- DISCONTINUED.**
- 1.30-4.30.—Station Pianoforte Quartette Conducted by Frank Cantell.
- 5.00-5.15.—**WOMEN'S CORNER**: Elsie Steel (Solo Violin), Gladys Joiner (Soprano).
- 5.30-5.35. Agricultural Weather Forecast.
- 5.45-6.30. **CHILDREN'S CORNER**.
- 6.30-6.45. **TEENS CORNER**.
- 7.0.—**NEWS and WEATHER FORECAST** S.B. from London.
- Radio Society Talk. S.B. from London.

- Major VERNON BROOK, M.I.A.E., on Motors and Motors.
- Local News.
- 7.3. **CHAMBER MUSIC PROGRAMME.**
- THE STATION STRING QUARTET**
FRANK ANTON (1st Violin)
ELMER STELL (2nd Violin)
ARTHUR KENNEDY (Viola)
LEONARD DENNIS (Violoncello).
JOHN LINDSON (Tenor).
BEATRICE HARRISON
(Solo Violoncello).
NIGEL DALLAWAY (Accomp.)
Quartette for Strings, Op. 93. Elgar 1.
Reveries Woodgate
"A Spring Flower" T. ...
"Prayer to Our Lady"
"Faith"
Cello Solo
Sarasvathi
M.
A.
Q.
Know at That the Land "..... Elmer
Marmotte ".....
"Hope"
"With a Flower Ribbon"
Cello Solo
Greek Dance ".....
"Chant Hindu"
Waltz ".....
10.0. **NEWS and WEATHER FORECAST** S.B. from London.
- The Rt. Hon. FRANCIS DYKE
ACLAND, S.B. from London.
- Local News.
- 10.30. **CHAMBER MUSIC PROGRAMME** (Continued).
- "I Chant My Lay"
"Silent Woods"
"Hark! My Triangle"
"Sweet My Mother"
"Taught Me"
Quartette for Strings, No. 19 in G Major.
- 11.0.—Close down.
Announcer C. J. Patterson.

BOURNEMOUTH.

- 3.45. The "B.M." Trio: Reginald S. Mount (Violoncello), Thomas Illingworth (Cello), Arthur Marston (Pianist). The Orpheus Trio: R. L. Gibson (Flute), R. G. Somers (Oboe), Charles Leeson (Piano). Talks to Women. Miss Amy Foster, M.A., on "Current and Contemporary Literature."
- 5.15-6.15. **CHILDREN'S CORNER**
6.15-6.30. **Schools Half Hour**
Charlotte Brontë and her Sisters.
- 7.0. **NEWS and WEATHER FORECAST** S.B. from London.
- Radio Society Talk. S.B. from London.
- C. S. AWLEN for Philately.
- Local News.
- 7.35-8.30.—Interval.
- BAND OF 1ST BATT**
THE LANCASHIRE FUSILIERS
Rehearsed from Southampton Pier, Southern
WILL VAN ALLEN & OLLY OAKLEY
Entertainers.
- 8.30.
- 9.15. Wal Van Allen and Ollie Oakley
In Musical Entertainment and some Stories.
- 9.45.
- 10.0.—**NEWS and WEATHER FORECAST** S.B. from London.
- The Rt. Hon. FRANCIS DYKE
ACLAND, S.B. from London.
- Local News.
- 10.30. **ROYAL BATH HOTEL DANCE ORCHESTRA**
From the King's Hall Rooms.
Musical Director, DAVID S. LIFT.
- 11.0.—Close down.
Announcer John H. Raymond.

CARDIFF.

- 3.0-4.0. The Station Trio, Madame Lizzie Davies (Continued).
- 4.0-4.35. The Station Orchestra rehearsed from the Carlton Restaurant.
- 4.35-5.00. **WAS THE**
Mr. Isaac J. Williams, Keeper of Arts, The National Museum of Wales. Vocal and Instrumental Artists. G. P. Jones (Baritone). Weather Forecast.
- 5.45-6.30. **CHILDREN'S CORNER**
6.30-6.45. **TEENS CORNER**
7.0. **NEWS and WEATHER FORECAST** S.B. from London.
- Radio Society Talk. S.B. from London.
- Mr. S. S. SIMON M.A., D.S.
Rector of National History.
- Local News.
- 7.30-8.30. **INTERVAL**
- 8.0. **An Evening of Plays.**
Performed by THE GWENT PLAYERS.
Produced and Directed by
F. R. APPLETON.
Invited to Music by
THE STATION ORCHESTRA.
POSTAL ORDERS.
R. Lane Peckwee.
- Miss Burt (The My address)
EDITH LESTER JONES
Miss Evans (An Assistant) MABEL TAIT
Miss Parker (An Assistant) SARA CAMPBELL
Charles Graham GRACE HANCOCK
Ruth Wayne SIDNEY EVANS
WHOLE MY LOVED ONE LIES
(Lyric Herbert McTear).
A Comedy in One Act.
- Lady Vereker EDITH LESTER JONES
Victorian Entertainment RICHARD BARLOW
Local News.
- JOHN PRICE MORGAN
Antony Warren
- FRANCIS DYKE
Harris, the Butler CHARLES MOSTYN
Scene: The Hall at Abbotsburyhampton.
- 10.0. **NEWS and WEATHER FORECAST** S.B. from London.
- The Rt. Hon. FRANCIS DYKE
ACLAND, S.B. from London.
- Local News.
- 10.30. Close down.
Announcer C. H. Kent.
- DISCONTINUED.**
- 11.30-12.30. Concert by the "ZY" Quartet.
- 5.15-6.30. **MANCY FEMINE** Mrs. ...
The Modern Girl.
- 7.0-7.30. **CHILDREN'S CORNER**
- 7.30-8.30. **NEWS and WEATHER FORECAST** S.B. from London.
- Radio Society Talk. S.B. from London.
- Mr. H. McDOWALL. S.B. from London.
- Local News.
- 7.30-8.30. **INTERVAL**
- 8.0. Third Concert of
Old English Vocal Music,
by Members of the "ZY" OPERA
CHORUS.
Musical Directors SAM WHITTAKER.
Notes by J. E. RUSSELL.
At the Piano: HERBERT FOX.
Wagon Wards Brecon.
- Glenn Webb (2)
S. W. fully From the Mountain's
Brow Webb (21)

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 89.

WIRELESS PROGRAMME—THURSDAY (Continued from the facing page.)

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

- 1. INDIA STREET (No music)**
- "When Dances Pied"
 - "Water Parties from the Ocean"
 - "Where the Bee Suck"
- HAROLD MARSDEN (T)**
- "Blow, Blow, Thou Winter Wind"
 - "The Lass of Richmond Hill"
 - "The Lass with the Dragon"
- GEORGE PARKER (Baritone)**
- "Is My Team Ploughing?"
 - "Come, My Own One"
 - "The Heart's Desire"
 - "I'll be Rolling Round the Hill"
 - "Hill Ever Increasing Solitude"
 - "Awake, Awake, I Live"
 - "As I Came I am a"
 - "Thou Soft Flowing Avon"
 - "Hark to the Maiden of Bashful Fifteen"
 - "The Contented Farmer"
 - "Cherry Ripe"
 - "The Plover"
 - "When I Hear the Lark's Astronaut"
 - "I'll be Rolling Round the Hill"
 - "Blossom Pair of Sirens"
- W. F. BEECHER, Examiner in Spanish to the U.L.C.L. Spanish Talk**
- 10.0. NEWS and WEATHER FORECAST**
S.B. from London
The Rt. Hon. FRANCIS DYKE
ACLAND, S.B. from London
Local News
- 11.0. Close down**
Announcer, Victor Smyth

- 3.4. Concert: Florence Cox and Joseph Saul (Vocal Duets and Soli), Harry Hunter (Solo)**
- 4.4.5. W. F. BEECHER, Examiner in Spanish to the U.L.C.L. Spanish Talk**
- 5.4.5. CHILDREN'S CORNER**
Stories from Members of the Radio Circle
- 6.0-6.30. -Scholars' Hour**
Radio Society Talk. S.B. from London
Mr H. McDOWALL, S.B. from London
Local News
- 7.0. NEWS and WEATHER FORECAST**
S.B. from London
The Rt. Hon. FRANCIS DYKE
ACLAND, S.B. from London
Local News
- 8.0. Interval**

- Operatic Night.**
- 8.0. THE STATION ORCHESTRA**
Conductor: WILLIAM A. CROSSE
- "Wagner's Foreword" (The Valkyrie)
 - "Wagner's These Sacred Bowers"
- 8.30. ANNE THURSDAY (Mezzo-Soprano), L. and Anna. Quella Fanciulla**
Marcello
- "Mr. Lovely Celia"**
Maurice (1)

- "Nations and Shepherds"**
Orchestra
Bachiusa, "La Traviata"

8.30. JOHN CLINTO (Tenor)
"Lohengrin's Farewell"
"Mappari tutt' amor"

9.0. Excerpts from "Mefistofele"
Orchestra
Excerpts from "Mefistofele"

10.0. NEWS and WEATHER FORECAST
S.B. from London
The Rt. Hon. FRANCIS DYKE
ACLAND, S.B. from London
Local News

10.30. Orchestra
Overture, "Queen"

10.45. Close down
Announcer W. M. Shewen

- 11.0. Close down**
Announcer W. M. Shewen
- 12.0. Close down**
Announcer W. M. Shewen
- 1.30-1.40. Popular Afternoon**
The Wireless Quartette. Fun and Topics. Arthur G. Love (Tenor)
- 2.0-2.30. CHILDREN'S CORNER**
Stories from Members of the Radio Circle
- 3.0. NEWS and WEATHER FORECAST**
S.B. from London
The Rt. Hon. FRANCIS DYKE
ACLAND, S.B. from London
Local News
- 4.0. Boys' Brigade News**
William Philip, Adjutant of the Battalion, on "A Final Word re 1924 Camp."

- Scandinavian Night.**
- ELISE SUDDABY (Soprano)**
MARIE SUTHERLAND (Solo Pianoforte)
THE BAND OF THE ROYAL AIR FORCE
(By Permission of the Air Council)
Conductor, Flight Lieut. J. H. ASHES
- 8.10. "The Shepherd's Boy"**
"A Norwegian Wedding Scene—A Day"

8.20. Elsie Suddaby
"Last Night"

8.35. Marie Sutherland
"The Butterfly"

8.45. Three Pieces, "Sword Jostling"
Intermezzo (Berghild's Dream); Varspion (In the King's Hall); Homage March.

- 9.0. "The Shepherd's Boy"**
"A Norwegian Wedding Scene—A Day"

9.20. Elsie Suddaby
"Last Night"

9.35. Marie Sutherland
"The Butterfly"

9.45. Three Pieces, "Sword Jostling"
Intermezzo (Berghild's Dream); Varspion (In the King's Hall); Homage March.

- 10.0. NEWS and WEATHER FORECAST**
S.B. from London
The Rt. Hon. FRANCIS DYKE
ACLAND, S.B. from London
Local News
- 10.30. Band**
"Norwegian Rhapsody"

10.45. Band
"Norwegian Dances," Nos. 2 and 3
"Three Symphonic Dances"

11.0. Close down
Announcer A. M. Shewen

- 1.30-1.40. Request Afternoon**
The Wireless Quartette and Alice MacLennan (Soprano)
- 4.4.5.15. TALKS FOR WOMEN**
Melvor on "The Care of the Kitchen"
- 5.0-5.30. CHILDREN'S CORNER**
Stories from Members of the Radio Circle
- 6.0-6.30. News and Weather Forecast**
S.B. from London
The Rt. Hon. FRANCIS DYKE
ACLAND, S.B. from London
Local News
- 7.0. NEWS and WEATHER FORECAST**
S.B. from London
The Rt. Hon. FRANCIS DYKE
ACLAND, S.B. from London
Local News
- 8.0. Interval**
- 8.30. Dr. R. F. PATTERSON on "Elisabeth's Drama"**

- Request Night.**
HELENA MILLAN
Actress Entertainer
LIDDELL PEDDIESSON (Tenor)
THE STATION ORCHESTRA
Conducted by HERBERT A. CARRUTHERS
- 8.0. Musical Comedy Selection, "The Girl in the Sun"**
- 8.30. "The Gentle Maiden"**
"Shavane Dance, No. 1"

8.45. "The Gentle Maiden"
"Shavane Dance, No. 1"

9.0. "The Gentle Maiden"
"Shavane Dance, No. 1"

9.15. "The Gentle Maiden"
"Shavane Dance, No. 1"

9.30. "The Gentle Maiden"
"Shavane Dance, No. 1"

9.45. "The Gentle Maiden"
"Shavane Dance, No. 1"

- 10.0. NEWS and WEATHER FORECAST**
S.B. from London
The Rt. Hon. FRANCIS DYKE
ACLAND, S.B. from London
Local News
- 10.30. Orchestra**
Request Dance Items
- 11.0. Close down**
Announcer Richard B. Alexander

A number against a musical item indicates the name of the publisher. A key list of publishers will be found on page 29.

(July 18th)

The letters "A.B." printed in italics by these programs signify a Simultaneous Broadcast from the station mentioned.

LONDON.

10. 1. Signal from Big Ben. Concert
 2. Trio and F. Leslie (Baroque)
 3. "Trees," by H. St. Barbe Baker
 4. 1. The organ album from Greenwald. (C. C. C.)
 2. Mrs. G. Dutton (Contralto). "A Flower
 3. Song of the Nursery," by Lady Cyril
 4. Asquith. Organ Music relayed fr
 5. Shepherd's Bush Pavilion. "A Few
 6. Facts about Jury Service," by Elise
 7. Chatter
 8. 10. 15. — CHILDREN'S CHORUS. John H. May
 2. will Talk to the Chorus. "The Song of
 3. the Lark," C. 22, Pt. 2, by Robert Louis
 4. Stevenson. "A Trip Round the World"
 5. by John Galsworthy. Piano Solo by Lady Dymally
 6. 10. 15. 1. SIGNAL FROM BIG BEN. 1ST
 2. NATIONAL NEWS BULLETIN and
 3. WEATHER FORECAST. S.B. to all
 4. Stations.
 5. 1. V. ATKINSON (the B.B.C. Film
 6. Critic): "Seen On the Screen." S.B. to
 7. all Stations.
 8. Local News.
 9. 10. 30. — Interval

A Holiday Programme.

JOHN BUCKLEY (Bar[1000])

JOHN HENRY

THE WIRELESS ORCHESTRA
Conducted by DAN GODFREY, Jr.

- 6.4. The Orchestra.
Suite "Holiday Sketches". Foulds
Overture to "Sea and Prosperity".
Vivace
John Henry's Impressions on The Idea
of "Joy."
Holiday Songs
Bourneabouts and Swings
"The Floral Dance".
The Orchestra.
Suite, "From the Countryside".
Selection of Manfred Sax's Songs.
Berta, "Woodland Pictures".
More Holiday Songs.
"Langley Fair".
"The Crown of the East".
John Henry, assisted by the Orchestra,
will have "A Motor Ride".
The Orchestra.
Three Pieces from a
Dance Suite.
The Alps.
10.0. 2ND GENERAL NEWS.
and WEATHER FORECAST.
all Stations.
Tropical Talk.
Local News.
10.30.—THE SAVOY ORPHEANS AND
SAVOY HAVANA BANDS, relayed from
the Savoy Hotel, London. S.B. to all
stations except Bournemouth.
11.30.—Close down.
Announcer: R. F. Palmer

RAYZGKLNK117

- 7:30-8:30. **Lozels Net are Hives On** —
 Directed by Paul Rimmer
 8:30-9:00. **WOMEN'S COLUMN** —
 Harper, Art Talk
 9:30-9:55. — **Agricultural Weather Forecast**
 10:00-10:30. — **CHURCHMEN & CHURCH** —
 10:30-10:45. — **Teens' Corner, Captain Gittle on**
 Solids at Play
 11:00 — **NEWS and WEATHER FOR LAST**
 S.D. from London
 G. A. ATKINSON & B. from London.
 Local News
 11:00-11:30. **Request Night**
 5:00. **THE STATION ORCHESTRA**
 Selection, "Chopin-Chow" — Norton

- "The Olden Days" Back
 "Waltz Remembrance" Wandering
 GEORGE PARKER (Rosa)
 "To the Sea" Northern
 "In Summer Fields" Flowers
 "Come, Come, O Sweetheart Mine" Regent
 "Devotion" Schumann (L.)

Orchestra
S. no. "The Merchant of Venice", *Rossini*
Selection, "The Lady of the Rose" *Gallini*

My Town House, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917,

When Church Play + + + + + *Dances* (1
 The Richmond 20 *Glenn Ford* 23

Stolz. * Four had a Love Lyrics *

(a) "The Marriage Bed" (b) "Kiss
Let's Talk the Best"

5:00 P.M. The Gay Princess Audum
 6:00 P.M. WEATHER FORECAST
 7:00 P.M. *B. French Lights*

NO.—THE SAVOY BANDS. S.B. from

10. Close down
 Manager C. J. Patterson.

DOUBTFUL OF THE

- 1.45-5.15, John Hastings Songs at the Piano.
THE ROYAL BATH HOTEL DANCE
ORCHESTRA relayed from Kings Ho-
tel - Musical Director or DAVID N.
Tunks to Winton. Abate Grey
C. A. ATKINSON
Local News.
- 7.30-8.30 (LIVE)
"Popular Rhapsodies and Overtures."
HARRY HOPEWELL (Baritone).
EDVINE KIRCH (Soprano).
THE WIFELESS AUGMENTED
ORCHESTRA
Conductor, Capt. W. A. FEATHERSTONE.
Orchestra
- 8.30 "Hungarian Rhapsody," No. 1.....Lute
- 9.50 Harry Hopewell
"Hindoo Song" Denton
When a Maiden Takes Your Fancy
(A Serenade) Mozart (1).
On Wings of Song Mendelssohn (1)
- 10.0 Edvina Kirch
"Lo, Here the Gentle Lark" . Bishop
"Solange's Song" Grieg
(With Orchestral Accompaniment)
Orchestra
- 10.11 Overture, "W. Wain Tea" How u
- 10.25 Harry Hopewell
Acting & Role .. }
The Wanderer's Song } .. Robert Fra
Dedication" }
Fun and Ther "
- 10.30 F. S. ...
Cave Venti (1)
With Orchestral Accompaniment)
Orchestra
- 10.45 "Norwegian Rhapsody" Lute
- 10.0 NEWS and WEATHER FORECAST
S.H. from London
Topical Talk
Local News.
- 10.30 Harry Hopewell
Recit., "No De Mul Van Iyvan" Donizetti
Aria, "Veni Lecorn" ("La Favorita")
Donizetti
- 10.35 Edvina Kirch
The Lie with the Delicate Air". Arm
... .. Timoteo

- 10 44 Orchestra 1 5 46 49
H. O.—Close down.
Announcer: John H. Raymond

DISCUSSION

- 3.49 3.0. Fukuoka and his Orchestra. rec. 3
from The Capitol Cinema
4.1 4.5. WAS. FIVE O'CLOCK
Vocal and Instrumental Artists. The
Station Orchestra. Woma. For. 5.0
4.15 6.30. CHILDREN'S CORNER
6.20 6.45. The Romance of Architecture
Studies in the Lives of Great Artists:
Michael Angelo, and 7.15
7.0. NEWS and WEATHER FOLLOWS
8.15 from London
G. A. ATKINSON S.B. from Lond.
1.00 N. 6
4.30 8.0. In 1944
Musical Comedy Night.
BRYN GWYN (Baritone)
Vocalists JOHN COLLINSON (Tenor)
VERA LOWE (Soprano)
Entertainers RONALD GOFFLEY (Blind)
Pierrot and Soubert

Musical Comedy Night

ALYN & WYN (Barstons)

Vocalists: JOHN COLLINSON Tenor

VERA LOWE, Soprano
FRANK M. MURPHY, Jr.

Entrepreneur, RONALD GOURLEY (Blind)
Phonist and Sufferer

- 8.0
I. -Orchestral Selection, "Arletti
 Lo Feuere and Nocturne (S)
II. *John C. S. S.*
 "On Bellow Backing" ("The
 Concerto (S) *Pianissimo* (S)
 That Night I'll Never Forget ("The Cabbie
 De Cabbie (S) *Pianissimo* (S)
 "Thy Poor Little Nerves" ("The Poor Little Nerves")
 "Dear Love of Mine" ("The Dear Love of Mine")
III. -Ronald Gouley will Entertain
IV. -Orchestral Selection, "The Dolly
 Princess" *Paul*
V. *Vera Lowe*
 "For Your Love I am Waiting" ("The
 For Your Love (S) *For Your Love* (S)
 "Dream o' day Jil" ("Tom Jones")
 "Be Wine in Time" ("Dorothy")
 "Waltz Song" ("Merrill Engle")
VI. -Ronald Gouley will resume his
 Entertainment
VII. -Waltz, "The Chocolate Soldier"
 (Strike) (S)
VIII. *Bryn Gwyn*
 Songs, Selected
 "The Cobbler's Song" ("The Cobbler's
 Chaw") *Norton*
 "The Bachelor Ship" ("The Marriage
 Market") *D. Richards*
IX. -Orchestral Selection, "The Cabaret
 (S)" *Kern*
10.0. NEWS and WEATHER FORECAST
 S. B. from London.
 Topical Talk.
 Local News
10.30.—THE SAVOY BANDS. S.H. from
 London
11.30. Close down
 Announcer, C. H. King

MANCHESTER.

- 12.30-1.30. Mid-day Menu relayed from the
 Piccadilly Picture Theatre.
 "30-3.1. MAINLY FEMINE. Kathleen
 Walker (Educationalist).
 3.30-4.30.—Concert by the PZS Quartet.
 4.45-6.0.—Church of Letters.
 6.0-6.30. CHILDREN'S CORNER.
 6.30-6.55. Mr R. A. Warburton, M.Sc., on "The
 Causes of Science."
 7.0-7.15. NEWS and WEATHER FORECAST.
 7.15-7.30. LITERATURE.
 7.30-8.0. ATKINSON. S.B. from London.
 Local News.
 7.30.—Dr. J. B. HALL, M.A., M.C., F.R.S.,
 President Elect of the British Medical Association.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 82.

WIRELESS PROGRAMME—FRIDAY (Continued from the facing page.)

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

Lecture on "The Meeting of the British Medical Association in the forthcoming week."

- 7.45-8.15. **Popular Orchestral Night.**
THE "221" ORCHESTRA
 March, "Le Prophète" *M. Herbert*
 Overture, "The Marriage of Figaro" *Mozart*
 "Valse des Sylphes" *Herbert*
 Selection, "Concertino de Brahms" *Offenbach*
REGINALD WHITEHEAD (Bass)
 "Love Leads to Battle" *Burns* (1)
BEATRICE HARRISON
 (Solo Violoncello)
 "Serenade" *Handel*
 "Miserere" *Haydn*
 "Ave Maria" *Schubert-Salomon*
 Orchestra.
 "Four Dances, 'Miniature de Ballet'" *André*
 "Humoresque" *Debussy*
 Reginald Whitehead
 "Within These Sacred Bowmen" *Mozart* (1)
 Beatrice Harrison
 "Irish Lament" *Cyril Scott*
 "Song Without Words" *Mendelssohn-Kessler*
 "Mazurka" *Opfer*
 Orchestra.
 "Nightingale" *Beethoven*
 Selection, "Belshazzar's Feast" *Haydn* (1)
 10.0. **NEWS and WEATHER FORECAST**
S.B. from London.
 Topical Talk.
 Local News.
 10.30. **THE SAVOY BANDS.** *S.B. from London.*
 11.30. **Close down.**
 Announcer: Victor Smythe

NEWCASTLE.

- 2.45.—Concert: May Conn (Solo Pianoforte), H. Shuttlesworth (Bass), George Johnson (Solo Violin)
 4.45.—15.—**WOMEN'S HALF HOUR** Miss Easton—"Thoughts gleaned from the Poets" with Readings
 6.15-6.30. **CHILDREN'S CORNER**
 6.30-6.50. **Farmer's Corner** Mr H. C. Pawson on "The Management of Calves."
 7.0.—**NEWS and WEATHER FORECAST**
S.B. from London.
 G. A. ATKINSON, *S.B. from London.*
 Local News.
 7.30-8.0. **ELSLIE SIDDABY** (Soprano).
HELENA MILLAR (Entertainer).
THE BAND OF H.M. ROYAL AIR FORCE
 (By Permission of the Air Council.)
 Director of Music,
 Flight-Lieut. J. H. AMERS.
 Band.
 8.0. National Anthems of Denmark, Holland, Norway and Sweden.
 "Rustle of Spring" *Sinding*
 8.15. **ELSLIE SIDDABY.**
 Elizabethan Songs.
 "Go to Bed, Sweetest Muse" Jones—1608 (1)
 "Sweetest Nymph, Come to Thy Lover" Morley—1603 (1)
 "Flow No, So Fast" *Dowland—1603* (1)
 "When Laura Smiles" *Rowley* (1)
 Band.
 "Norwegian Dances," Nos. 2 and 3 *Grieg*
 Elsie Siddaby
 "My Lovely Colin" *Munro, arr. Wilson* (1)
 "Phyllis Has Such Charming Graces" *arr. Wilson* (1)
 "By Thy Banks, Gentle Stow" *Boyer*
 "The Lass With the Delicate Air" *Arr. Band.*
 "Simple Aven" *Thorne*
 "Angolian March" *Saint-Saens*
 Elsie Siddaby.
 "The Bold Young Farmer" *arr. Williams* (1)

- Annie Lister
 "Jack o' Heartdean" *Old Scotch Air*
 "Oh No, John" *Folk Song* (1)
 Band.
 "In a Persian Market" *Kelley*
 "A Musical Switch" *Ayford*
 Helens M. Ross.
 In "Fragments from Life"
 10.0. **NEWS and WEATHER FORECAST**
S.B. from London.
 Topical Talk.
 Local News.
 10.30. **THE SAVOY BANDS.** *S.B. from London.*
 11.30.—**Close down.**
 Announcer: W. M. Shewen.

SCOTTISH NIGHT.

- 2.30-5.0.—Irish Afternoon. The Wireless Quartette. Feminine Topics. Annie Ingham (Soprano)
 5.45-6.30. **CHILDREN'S CORNER:** Samshine Hour for Young and Old Kiddies. The Magic Umbrella does More Magic.
 6.40. **NEWS and WEATHER FORECAST**
S.B. from London.
 G. A. ATKINSON, *S.B. from London.*
 Local News.
 7.30-8.30. **Interval**
Scottish Night.
HAROLD J. GEORGE (Baritone).
EDNA J. GALELIE (Soprano).
THE WIRELESS ORCHESTRA.
 8.30. "Scottish Dances" *Cole*
 Quartette.
 "Hail to the Chief" *Bishop*
 "Oh Nan Oib" (Historical Lament in Gaelic) *arr. Robertson*
 8.50. **Harold J. George.**
 "Bonnie Jeanie Gordon" *Mackenzie* (15)
 "Skye Fishers' Song" *Kennedy Fraser* (1)
 9.0. **Orchestra.**
 Overture, "Guy Mannering" *Bishop*
 9.10. **Quartette.**
 An Enslaved Love Lull (in Gaelic) *Kennedy Fraser, arr. Robertson* (2)
 Ye Banks and Braes *arr. Yorkston Kohler*
 Harold J. George.
 9.20. "Nancy's Hair" *Kennedy Fraser*
 "Lock the Door, Lariat" *Lynd*
 9.30. **Quartette.**
 "Craig Chuanach" (in Gaelic) *arr. Murray*
 "A Highland Love Song" *arr. Robertson* (2)
 9.40. **Harold J. George.**
 "Border Ballad" *Cope* (1)
 "Hail o' Glenasmole" *Graham* (8)
 9.50. **Quartette.**
 Antellan Mulesch (in Gaelic) *arr. Ferguson*
 "Far Away" *arr. Jones* (1)
 10.0. **NEWS and WEATHER FORECAST**
S.B. from London.
 Topical Talk.
 Local News.
 10.30. **THE SAVOY BANDS.** *S.B. from London.*
 11.30.—**Close down.**
 Announcer: W. D. Simpson.

WAVE-LENGTHS AND CALL SIGNS.

ABERDEEN (2BD)	-	485	Metres
BIRMINGHAM (5IT)	-	475	"
GLASGOW (5SC)	-	425	"
NEWCASTLE (5NO)	-	400	"
BOURNEMOUTH (8BM)	-	385	"
MANCHESTER (2ZY)	-	375	"
LONDON (2LO)	-	365	"
CARDIFF (5WA)	-	351	"
PLYMOUTH (5PY)	-	345	"
EDINBURGH (2EH)	-	325	"
LIVERPOOL (6LV)	-	318	"
SHEFFIELD (6FL)	-	303	"
LEEDS-BRADFORD (2LS)	-	—	"

- 1.30-4.30. **Popular Afternoon.** The Wireless Quartette and Annie S. Jeffrey (Soprano).
 4.45-5.15.—Topics for Women: Domestic Science Chat.
 5.15-6.0.—**CHILDREN'S CORNER.**
 6.0-6.5.—Weather Forecast for Farmers.
 6.40-6.55.—William Anderson on "Pigeon Racing"
 7.0. **NEWS and WEATHER FORECAST**
S.B. from London.
 G. A. ATKINSON, *S.B. from London.*
 Local News.
 7.30-8.0. **Interval**
 8.0. **Performance in Britain of**
 "Emperor and Galilean."
 Produced by **SARAH M. FAGAN.**
 whose fascination is being used.
 The Music is by Mrs. Frank Bayly
 Cost
 Prince Julian **ARTHUR WATSON**
 Agathon **HAROLD GRAEME GORING.**
 Libanus *G.C.*
 Prince Galias **FRANCIS GAMLEY**
 Basil **JOHN B. KINROSS**
 Gregory **E. SHANLEY**
 Princess Helena **E. BARTHOLOMEW**
 Myrrha **VIOLET FULLARTON**
 Salina **DONALD MACKAY**
 Characters in the order of speech.
 Act I
 Near the Gates of the Royal Palace in Constantinople.
 Prince Julian
 Cousin to Constantine, Emperor of Rome, and later his Successor
 Agathon *A Fanatical Christian*
 Libanus *A Philosopher*
 Prince Galias *Julian's Half Brother*
 Act II
 An Open Space in Athens.
 Basil *Students at Athens*
 Gregory *Students at Athens*
 Libanus *Students at Athens*
 Prince Julian *A Student*
 Act III
 A Room in Prince Julian's House at Ephesus.
 Prince Julian
 Basil
 Gregory
 Act IV
 A Hall in Prince Julian's Palace at Laodicea, in Gaul.
 Princess Helena *Julian's Wife*
 Myrrha *Her Attendant*
 Prince Julian
 Salina
 9.15. **Orchestra.**
 "Miniature Suite" *Coates* (1)
 9.25. **ANNE THURSFIELD** (Mezzo-Soprano).
 Folk Songs:
 Italian, "Colomba" *arr. Kurt Schindler*
 Irish, "I Know Where I'm Going" *B. Hughes* (1)
 French, "On l'est la Fille" *French*
 American, "I Stood on de" *Burleigh*
 Negro, "Ribber" *Burleigh*
 Spirituals, "Didn't it Rain?" *Burleigh*
 9.40. **Orchestra.**
 "Romance" (for Strings only) *Sibelius*
 9.45. **A. de Thorstein.**
 "La Beccata" *Fauré*
 "Lullaby" *Bochmannoff*
 "To One Who Passed Whistling" *Debussy*
 "Early Morning" *Paul*
 "Go Not, Happy Day" *Bridge*
 10.0. **NEWS and WEATHER FORECAST**
S.B. from London.
 Topical Talk.
 Local News.
 10.30.—**THE SAVOY BANDS.** *S.B. from London.*
 11.30.—**Special Announcements.** **Close down.**
 Announcer: H. and A. Carruthers.

A number printed in italics in these programmes signifies a simultaneous broadcast from the station mentioned. A list of publishers will be found on page 22.

WIRELESS PROGRAMME—SATURDAY (July 19th.)

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

LONDON.

12.0 (12.20.) CONSECRATION OF LIVERPOOL
3.0-4.30. f CATHEDRAL. (See page 110.)

4.30-5.45. Part of Empire Choir Concert.

Relayed from The Studios, Wembley
A Choir of 10,000 Voices

Orchestra of 500 Players
Conducted by Dr. CHARLES HALLGREN.
The Symphony of St. Mark, A. M. Vivaldi
The Marriage of Figaro, W. A. Mozart
by Mrs. Charles Hallgren

6.0-6.45. CHILDREN'S CORNER: Aunt
Sophie at the Piano. Lt. Bryton Martin
on "Retold Romances" (2). Kathleen
Hamilton on "Grasshoppers." Children's
News.

7.0. THE SIGNAL FROM BIG BEN, 1ST
GENERAL NEWS BULLETIN and
WEATHER FORECAST. S.B. to all
Stations.

Mr. W. PERCIVAL WESTER, F.R.S.,
on "The Poet as a Community"
Local News.

7.30 8.0. Interval.

8.0. Miscellaneous Programme.

VLADIMOFF'S
BALALAIKA ORCHESTRA
MARIA BOURNE and LENA COPPING
QUEENIE P. N. (Character Studies).
SYD M. (Entertainer).
MIKE EMAN (in Stories).
Orchestra.

Melody in F. Rubinstein
"My Little Maiden" (Folk Dance)
arr. Vladimir

Comedy Duets.
"Pretty Little Cinderella" Vincent
"Broadway Blues" Morgan (16)
"Say It With a Ukulele" Conrad (16)
Mike Eman tells a few stories, including
that of "Lori in Society"

8.30. "R. M. Song" I. adon
"Love's Lost Day" (Valse Apache)
arr. Ly

Character Studies by Queenie Pinder
SYD M. (Entertainer).
Comedy Duets

"Why Did You Teach Me to Love You?"
arr. (11).
"I Left My Door Open and My Sweetie
Walked Out" Redin (10)
"Just Keep on Dancing" (10)

9.0. "St. Peter's Rasin and the Princess" (Legend)
arr. Vladimir
"Gipsy Revels" (Selection of Gipsy Songs)
arr. Vladimir

9.30. HALF AN HOUR OF WEMBLEY
S.B. to all Stations.

10.0. TIME SIGNAL FROM GREENWICH,
and LOCAL NEWS. S.B. to all
Stations.

Mr. STERLING MACKINLAY on "The
Voices of the Voice." S.B. to all
Stations.

Local News.

10.30. "TANNHAUSER," Act III.
performed by the British National Opera
Company, relayed from His Majesty's
Theatre, London. S.B. to all Stations

Announcer: J. G. Broadbent.

BIRMINGHAM.

12.0 (12.20.) CONSECRATION OF LIVERPOOL
3.0-4.30. f CATHEDRAL. (See page 110.)

6.0-6.30. WOMEN'S CORNER: Angel Galla-
way—Pianoforte Recital

6.30-7.35. Agricultural Weather Forecast
and a further Adventure of Smokey.

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

HENRY GRINDALL, of the Birmingham
Philatelic Society, on "The Queen and
Mother of Postage Stamps—The Penny
Black."

7.30-8.0. Interval.

Military Band Programme.

8.0. THE BAND OF H.M. ROYAL AIR
FORCE

(By Permission of the Air Council)

Director of Music

Flight Lieut. J. HAMERS

An Hour with Sir ARTHUR SULLIVAN

March, "Imperial" Sullivan (11)

Overture di Ballo Sullivan (11)

Cornet Solo, "The Lost Chord" Sullivan (11)

Soloist: Corpl. G. Regan, D.C.M.

WINIFRED MORRIS (Contralto)

"Well He Come?" Sullivan (11)

"Once Again" Sullivan (11)

Suite, "The Merchant of Venice" Sullivan

"O Gladsome Light" ("The Gipsy
Legend") Sullivan (11)

HAROLD HOWES Baritone

"I Would I Were a King" Sullivan (11)

"Chou Art Pivving Heere" Sullivan

Incidental Music to "Henry VIII."

(a) March; (b) King Henry's Song; (c)

Graceful Dance

9.0. Miscellaneous Pieces.
Selection, "Madame Pompadour" Fall (1)
Humorous, "Three Blind Mice" Lotter
Characteristic, "Kismet" (11)

9.30. HALF AN HOUR OF WEMBLEY
S.B. from London

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

Mr. STERLING MACKINLAY. S.B. from
London.

10.30. "TANNHAUSER," Act III. S.B. from
London.

1. 2. Close down.
Announcer: C. J. Patterson.

MANCHESTER.

12.0-12.20. CONSECRATION OF LIVERPOOL
3.0-4.30. f CATHEDRAL. (See page 110.)

5.15-6.15. CHILDREN'S CORNER
6.15-6.30. "Shoora's" Half Hour. A. Bar-
rington, M.A., F.R.S., on "European
Folk Songs and their Importance"

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

Capt. RICHARD TWELVETREES on
Motoring

Local News.

7.30-8.0. Interval.

Vocal and Instrumental Gems.

BEATRICE HARRISON. (Solo Violon-
cello).

JOHN COLLINSON (Tenor).

THE WIRELESS ORCHESTRA

Conductor, Capt. W. A. FEWELL

STONE

8.30. "Valse Triste" Schubert

8.4. "Quintet for Piano and Voice" (Rigoletto) Verdi
"Favorita" Donizetti
"Waltz" (Accompaniment)

8.4. Irish Lament Scott
"Songs Without Words" Mendelssohn

"Mazurka" Chopin

9.0. "Londonderry Air" O'Connor Morris
John Collinson

9.10. Elegy Mendelssohn
(With 'Cello Obbligato—Celloist: Thomas
Mendelssohn)

On Wings of Song Mendelssohn
The Garland Mendelssohn

9.20. Beatrice Harrison.
Greek Dance Selwynn
"Chant Hindu" Rimsky Korsakov

9.30. HALF AN HOUR OF WEMBLEY
S.B. from London

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

Mr. STERLING MACKINLAY S.B.
from London.

Local News.

10.30. "TANNHAUSER," Act III. S.B.
from London.

11.25. Close down.
Announcer: John H. Raymond

MANCHESTER.

12.0-12.20. CONSECRATION OF LIVERPOOL
3.0-4.30. f CATHEDRAL. (See page 110.)

5.0-5.45. "SWAB" "FIVE O'CLOCK"
Vocal and Instrumental Artists, in-
cluding Lillian Evans Soprano, Talks to
Women.

5.45-6.30. CHILDREN'S CORNER
6.30-6.45. "Hints on Bowls" by Wynneham
W. Jones, President of the Welsh Bowling
Association

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

WILLIE C. CLISSITT on "Sport of the
Week"

Local News.

7.30 8.0. Interval

Dance Night.

Entertainer, HELENA MILLAR.

THE STATION ORCHESTRA

8.0. Fox-trot, "Havana" (9); Fox-trot,
Horse Shoe Blues"; Waltz, "Honey-
moon Chimes"; Fox-trot, "Long Lost
Valentine"; Fox-trot, "She Needs
A Little Love"

8.25. Hous. Millar in Light Songs and
Fragments from Life.

8.35. Orchestra
Fox-trot, "Silver Lining"; Waltz,
Monkey Donahue" (9); Fox-trot,
"How Can I Be Love You?"; Fox-trot,
"Love Tales" (7); Fox-trot, "No No,
Norm" (7); One-step, "Greatest Love"

8.5. Helena Millar will Resume her Entertaining

9.5. Waltz, "Waltz Me to Sleep"; Fox-trot,
Not Here, Not There" (6); Fox-trot,
"A Smile Will Go a Long, Long Way"
(6); Waltz, "Waltzing the Blues" (6);
Fox-trot, "Shake Your Feet" (11)

9.30. HALF AN HOUR OF WEMBLEY S.B.
from London.

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

Mr. STERLING MACKINLAY S.B.
from London.

Local News.

10.30. "TANNHAUSER," Act III. S.B.
from London

11.25. Close down.
Announcer: A. H. Giddard.

MANCHESTER.

12.0-12.20. CONSECRATION OF LIVERPOOL
3.0-4.30. f CATHEDRAL. (See page 110.)

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

T. A. COWARD, B.Sc., on How to See
Birds on a Holiday

Local News.

7.30. BEN JACKSON (Solo Banjo).
March, "Bonnie Scotland"

Hymn, "Abide With Me" (with Org.)

Humorous Sketch Ben Jackson
Andante and Waltz Cammer
The Kith Cammer
Jazz Cammer

8.0. "The Kith" Cammer

8.10. "The Kith" Cammer

8.20. "The Kith" Cammer

8.30. "The Kith" Cammer

8.40. "The Kith" Cammer

8.50. "The Kith" Cammer

9.0. "The Kith" Cammer

9.10. "The Kith" Cammer

9.20. "The Kith" Cammer



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Pieces in the Programmes.

A Weekly Feature Conducted by Percy A. Scholes.

"HUGH THE DROVER"

THIS opera is to have its first public performance on Monday evening, when the British National Opera Company are to give it at His Majesty's Theatre. The Second Act is to be broadcast from all Stations.

A couple of years ago I published in the *Observer* an account of a conversation with the composer about this work, and I reproduce here an extract from it.

"What is the nature of the work?" was my first question.

Well, to answer that, I must tell you something of its history."

Williams replied, "The thing began twelve years ago, when I first met Harold Child. I pressed him to write me a libretto that should be English parallel to *Smetana's*."

I at once asked that it should be a story of a gypsy and a prize-fight."

He described a gypsy and a prize-fight and I also wanted to include the 'May-day Song', which I had lately heard. Also I suggested (or between us we evolved the idea) that the form, situation, should be for both of us a first attempt at opera. (As a matter of fact, the libretto is not at all complete, except superficially, as that would be impossible for Harold Child but he did his best.)

"I have heard the work spoken of as a 'Badad opera.' Is that correct?"

Well, it is and it isn't! I call it a 'Badad opera' because it is frankly made up of songs and ensembles, with recitative in between. I meant to see a lot of traditional tunes—as things turned out I have hardly used any."

"And when and where is this opera to be heard?"

"I've already waited ten years, and shall probably wait ten more."

Happily, the modest expectation of the last paragraph has been fulfilled.

I give below a brief synopsis of Act I and a fuller synopsis of Act II. In a production, the libretto under the listener's eye, as the performance proceeds, and to acquaint him, to some extent, with what is proceeding on the stage.

ACT I

(A Cotswold Village, About 1812.)

A scene in progress. MARY, daughter of the CONSTABLE, is much distressed at the prospect of her marriage the next day (May-day) to JOHN THE BUTCHER, whom she regards as a sort of domesticated brute, she longs for a "free life under heaven." Her AUNT JANE is cajoling her when HUGH, THE DROVER, appears and gradually fascinates her with his song of the "free life under heaven." These two are irresistibly drawn to one another.

Presently the SHOWMAN comes, announcing that John the Butcher will fight all comers for twenty pounds. Hugh accepts, but insists that they fight for the hand of Mary. John is knocked out, but he and the Constable contrive to denounce Hugh as a French spy. The crowd turns against Hugh, and he is taken off to be put in the stocks.

ACT II

The Market Place at four o'clock on May-day morning. The Constable's house is on the right, the Turnkey's on the left, the Inn in the centre. The BALLAD SELLER (Tenor) is at times to be heard singing in the May-day, and sounds of revelry proceed from the Inn where JOHN (Baritone) and his friends are drinking the night away. HUGH (Tenor) is in the stocks, brooding over his fate and Mary's.

Presently the revelers come out of the Inn and disappear, after taunting and striking Hugh. John says he is "going a-maying for Mary."

MARY *Soprano* now comes out of the Constable's house to set her lover free. She sings, "a key," to which Hugh, when freed, responds, "a key, to which Hugh, when freed."

They are just slipping away when the CONSTABLE (Bass) calls to AUNT JANE (Soprano) for his boots. (The TURNKEY (Tenor) invariably echoes him.) Hugh gets back in the stocks, and hides Mary with him.

But the Turnkey raises a false alarm that the "spy" has escaped, and he, the Constable, and Aunt Jane emerge in their nightgowns and proceed to search for him. Very soon of them find he is, after all, safe in the stocks, and they go back to bed, leaving the Turnkey very soon falls asleep, and the Constable and Aunt Jane go to bed.

They hear in the distance the soldiers who are coming to arrest the "spy." Mary makes Hugh promise to do as she tells him, and they get into the stocks together. Presently John returns, bringing a branch of TOM SAWYER, also come with them, and sings a May-day song. John's importunity quickly reveals the fact that Mary is missing.

The Constable and Turnkey and Aunt Jane appear, and a general search is beginning when John finds the two lovers in the stocks. Mary refuses to leave the stocks while Hugh is there and sings as she sits, "Here on my throne beside my King."

The Constable disowns his daughter, John at first refuses her then says he'll take her until he's tired of her. Mary now denounces him and appeals to the crowd. Most of them are Mary's friends, but a few men take John's side, and a general riot follows. The Constable, the Turnkey, and Jane go indoors out of the way.

The SOLDIERS now arrive, and after considerable bullying by the SERGEANT, the Constable and everybody else, and particularly of John, whose officiousness is quite ineffective, Hugh is produced.

The Sergeant at once recognizes his old friend the drover, calls everyone a pack of fools, and takes John to make a soldier of him. Hugh is now, of course, the hero, but Mary and he refuse to become domesticated, and in spite of much protesting and cajoling, take the road to the "free life under heaven."

The libretto of this new opera can be obtained from J. Curzon and Sons, Ltd., 24, Berners Street, London, W.1, price 1s. 6d. net.

JOHN IRELAND'S "MAID-DUN"

This Symphonic Rhapsody for Orchestra was written in 1920-21. It is inspired by that huge earthwork, Maiden Castle, near Dorchester, which is known as *Ma Dun* in the works of Thomas Hardy, and it conjures up the rugged life of prehistoric England. In spite of its elemental grimness, there is a feeling of exultation (and, perhaps, exaltation) throughout.

Ma Dun is to be broadcast from the London Station on Thursday, July 17th.)

An American inventor is said to be giving demonstrations in Italy of what is described as a secret system of wireless transmission, which is claimed to render possible transmission on a combination of wave-lengths known only to the receiving station, and to allow the same transmitting or receiving stations to send or receive more than one message at the same time on the same wave length.

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Britain's Biggest Cathedral.

A Unique Service to be Broadcast from Liverpool.

AN event of historic importance will take place on Saturday July 18th, with the first service of Liverpool Cathedral. This will be the first service of its kind held in the Anglican Church of this country since the one at Salisbury some 700 years ago.

The whole service will be broadcast, and people in all parts of the country will be able to share in the interest and solemnity of this unique event.

The Cathedral, when completed, will be the biggest in Great Britain, and will rank in size next to that of St. Peter's at Rome. It will be bigger even than the famous Cathedral at Milan, and at least as big as that at Seville. It will be more than double Westminster Abbey in extent, much bigger than St. Paul's, and York Minster, and about three times the size of the Roman Catholic Cathedral at Westminster.

A Wonderful Young Architect.

No such attempt at an ecclesiastical building has been undertaken by the Church of England since the dissolution of the monasteries after the Reformation. The structure is a great work of art, and is a definite manifestation of English architecture expressing a noble conception finely executed.

The architect—Mr. George Gilbert Scott, R.A., has a whole romantic connection with the Cathedral. A grandson of Sir Gilbert Scott, R.A., who designed the Foreign Office, and the son of Mr. George Gilbert Scott, the architect of St. James's Palace, he submitted his plans and designs for the Cathedral in open competition with architects of wide repute. One of them was his own master, Mr. Temple Moore, and great was the surprise, therefore, when Mr. Scott, in his early twenties, had his work accepted by the Cathedral Authorities. All of his drawings were done during the short hours he was free from his day work.

A Record of Self-Sacrifice.

The foundation stone was laid by King Edward VII, exactly twenty years ago, on July 18th, and only half the Cathedral is yet built. It will take some fifteen or twenty years to complete the structure, even with sufficient funds available.

The Cathedral will cost some £2,000,000, which is being raised by public subscription. It will contain one of the most beautiful books ever made. In it will be recorded the names

of those 35,000 men from the Liverpool district who fell in the Great War. It will be one of its ages, and inspired by the King says: "Left all that was dear to them, endured hardship, faced danger, and finally passed out of the sight of men by the path of duty and

Liverpool Cathedral.

8.30 to 10.00 a.m.

12.30. Speeches by

His Majesty
THE KING

and

The Lord Mayor of
LIVERPOOL

Relayed from St. George's Hall

3.0-4.30. Cathedral Ceremony

Address from the Pulpit by

The Archbishop of
YORK.

Dedication Ceremony at the High Table.

Cathedral Service

self-sacrifice that others might live in freedom."

The stained glass windows of the Lady Chapel are designed with the idea that they shall be as a chronicle of the deeds of good women. Among those thus commemorated are St. Osburga, the mother of King Alfred, Queen Margaret of Scotland, who aided the Reformation of the Scotch Church, Elizabeth Barrett Browning the poetess, and "all who have seen the Infinite." Kitty Wilkinson and all poor helpers of the poor.

"Catherine of Liverpool."

This woman who became known as "Catherine of Liverpool" was born in Ireland, in 1784, but settled with her husband in Liverpool at marriageable age. When in 1832 cholera broke out in that city she was the foremost of her sex in nursing the sick and washing their bedding and clothing in her own house.

The Cathedral stands on one of the highest points in the city, and will be to Liverpool what St. Paul's is to London. It will be a physical landmark for miles around, on sea and on land, and a spiritual refuge for countless generations to come.

Saving Life by Radio.

The Use of Wireless in Emergencies.

WIRELESS communication had not long been an accomplished fact before it was instrumental in saving life. Indeed had it not been for wireless, the passengers and crew of the *s.s. Republic*, which collided with the *s.s. Florida* on January 23rd 1909, must have wholly, or in part, perished. Fortunately assistance was obtained by wireless and the ship was saved.

This is, I believe, the first instance in which wireless was directly responsible for saving life.

Wireless also plays an important part throughout various countries as a safeguard to life and property. Its use by the police in tracking dangerous criminals, and in traffic control on such occasions as the Derby is becoming increasingly frequent.

Fighting Forest Fires.

In conjunction with aeroplanes, in America, its assistance is called for to help in fighting forest fires. When one of these dreaded conflagrations occurs, aeroplanes keep portable ground stations informed of the progress of the fire, the direction of the wind, etc.; this enables the fire-fighters to make preparation in the direction in which it is progressing, and to give people whose lives and homes are endangered ample warning.

When cable communication is interrupted for any reason, wireless takes its place, and instead of being out of touch with the world all repairs are effected, telegrams go on their way as if nothing had happened. So, too, in countries where floods are prevalent and cause break-down in the telegraphic apparatus, wireless is generally resorted to, so that a continuous service may be maintained.

Wireless now forms an important item in the Arctic explorer's outfit. When any serious mishap occurs, it is practically his only hope. He cannot help conjecturing, whether some Arctic expeditions would have had such a fateful ending had it been possible to have equipped them with wireless apparatus.

Aiding Those at Sea.

How many people living ashore all their lives, with a qualified physician residing in the next street should they fall ill, realize that it is a daily occurrence for ships to sail from our ports with no doctor on board. Should one of the crew fall ill, he is treated by the captain, or more probably by the chief steward, neither of whom can be expected to possess a very profound knowledge of medicine. If the man's illness be serious, his chances of recovery are certainly much less than if he were living ashore.

However, now that the great majority of ships are equipped with wireless, advice can be sought from another ship in the vicinity carrying a doctor. Not as satisfactory as having him sitting by one's bedside, certainly not—but it increases the chances of recovery considerably.

Help for the Lighthouse Keeper.

A real instance having some bearing on the subject occurred about three years ago. The keeper on a lighthouse in the Red Sea met with an accident, the nearest medical aid was at Aden, and the delay in bringing help to the injured man from there would have been serious. The wireless station at Aden sent out a message enquiring for a ship with a doctor on board. A response was not long in coming, and on that particular ship arrived at the lighthouse, the doctor was put ashore in time successfully to treat the injury.

Thus we find, with increasing frequency, that whenever anything goes wrong, wireless is there ready to help.

P. A. C.



Liverpool Cathedral. The view from the North-East.

Broadcasting in Ancient Times.

A Talk from Edinburgh, by GEORGE MACDONALD, C.B., LL.D., F.B.A.

SEVENTY or eighty years ago the peoples of Europe and America did not care very much about the Greeks and Romans. It was not until the discovery of the papyrus in the desert that we began to care for communication between persons at a distance. Indeed I am not sure that in some ways they were quite so far forward. If we could accept a story current in the Middle Ages, we should have to admit that a great deal of ground had been lost. Old chronicles say that in the interior of each of the two walls which the Romans built across Britain there was an arrangement so cunningly contrived that, when a trumpet was blown on one side of our island it was immediately heard on the other. This is a very curious story. The ancients had no knowledge of the transmission of sound. All their systems of long-distance signaling depended on the eye, and on the naked eye at that. They had no telescopes. They did not even have spectacles.

Talking With Flags.

Probably it was because they had no telescopes that they made so little use of flags. For, unless flags can be accurately read and distinguished, the message they are intended to convey is unintelligible. However that may be, the ancients employed them only for quite general purposes. Thus, a red flag hoisted on a particular hill at Rome meant that a hostile attack on the city was imminent, while a standard displayed on another hill was a summons to the citizens to assemble for public business.

Since the invention of wireless telegraphy we hear very little of the heliograph. Twenty or thirty years ago it was considered to be of great value, particularly in countries blessed with clear, bright skies. The main feature of the apparatus is, as you know, a mirror which catches the rays of the sun and translates an alphabet into flashes. Given an alphabetic code, messages of any length can, in favourable circumstances, be conveyed quickly and safely over a distance of many miles.

Signalling by the Sun.

It is interesting to note that the principle of the heliograph was familiar to the Greeks. Herodotus tells us that in 490 B.C., after the battle of Marathon, partisans of the Persians flashed a signal to them from the top of Mount Pentelion by letting the sunlight play upon a burnished shield. This signal was undoubtedly of a general character and carefully prearranged, for we hear nothing of any code at so early a date. Codes have ever since been used, but they do not seem to be altogether a modern invention. Something very like semaphore signaling is described by Vegetius who wrote towards the close of the fourth century of our era. He says that news was sometimes transmitted by the use of a note raising and lowering of beams of wood attached to towers. That plainly suggests a code.

So far, however, I have been speaking of

subsidiary methods only. I come now to the principal one. Long before the Hebrews were led by a shining pillar into the Promised Land, fire by night and smoke by day were firmly established as affording the readiest means of signaling from a distance. You have only to think of Macaulay's "Armada" to realize how important the system of beacons was in this country until comparatively lately.

But the ordinary beacon had a very limited use. Like the Roman flags I spoke of, it could only convey some prearranged message—usually a warning. Besides, the whole system could be set ablaze prematurely by the chance kindling of a fire in the neighbourhood of one particular station.

A Prehistoric Method.

Ancient history, too, often speaks of mistakes and misunderstandings, that did not always turn out so happily as the accidental blaze that drew Robert the Bruce from Arrian to the Llynhyr coast. But even in those early days there were some who had left these crude beginnings far behind. The empire of Persia between the sixth and fourth centuries B.C. stretched from India to the western shores of Asia Minor. It was a marvel of organization. It offers, for instance, the first example of an efficient postal system. More than that: there was a highly-developed state service of fire-signals. If we can believe Aristotle, the Persian King—seated in his capital at Susa—was fully informed within twenty-four hours of every important event that happened in any part of his vast dominions. Aristotle does not explain how it was done. But Greek analogies show that it was not impossible.

The oldest known writer on the art of war, who flourished soon after 400 B.C., describes a clumsy invention of his own. In each station was an earthenware jar of exactly the same capacity—say five feet deep and twenty inches in diameter. Each jar was pierced near the bottom with a small hole, the holes being of exactly the same size. Normally these holes were plugged and the jars filled to the brim with water. On the surface of each there floated a

large round cork, having a tall rod fixed upright in its centre. The rod was marked off into two-inch lengths, within each of which was inscribed a sentence such as "Enemy cavalry approaching," the inscriptions on all of the rods being identical.

A station wishing to signal to its neighbour hoisted a lighted torch. A torch raised in reply meant that all was ready. Both torches were then lowered simultaneously and the plugs withdrawn. As the water trickled out, the corks sank slowly and with them the rods. When the length on which the message it was desired to send was opposite the brim, another torch was hoisted as a signal to insert the plug and read the news to be conveyed.

Slow, But Sure.

That, you will see, was very cumbersome, and made no allowance for unexpected happenings. Two hundred years later, in the second century A.D., we find a method in use which, if slow, was equal to all emergencies. Each signalling post had two stations, one to the right, the other to the left. The officer in charge had five tablets, each divided into compartments numbered from 1 to 5. In each compartment was a different letter of the alphabet. The number of torches necessary was ten for each post, or five to each station. When a signal was to be sent, all ten were hoisted. Ten hoisted in reply showed that the other station was on the alert. After a brief interval of darkness, to refresh the vision, the station hoisted any number of torches up to five at each of its two stations. Those on the left gave the number of the tablet to be referred to, those on the right the number of the compartment. The combination thus meant a particular letter, and words, sentences, despatches, could be spelt out with unfailing accuracy and in cipher, if required. Time was needed, but we are assured that with practice a very high speed could be attained.

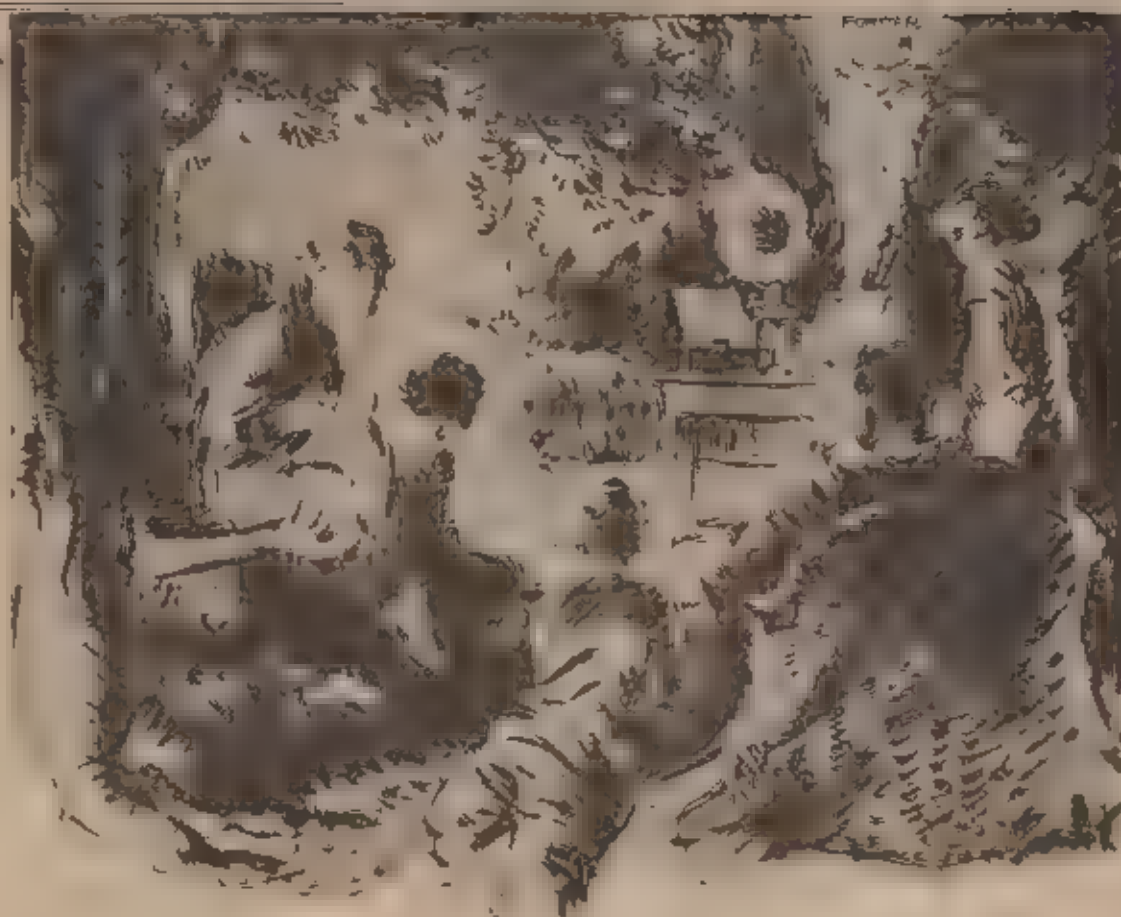
Traces of an Ancient System.

That was the best that the ancients could do. It was, I think, better and more systematic than anything our own forefathers succeeded in achieving until quite modern times.

If anyone were to ask me whether any traces of the old broadcasting system still survive in Britain, my answer would be "Yes." At intervals of a quarter of a mile along the Roman road in Dorsetshire one can see a series of low mounds. These were dug into twenty years ago, when they proved to be the remains of wooden signalling towers exactly like those that are sculptured on the great column of Trajan in Rome. They probably belong to the first century of our era, when the native Celtic people were being conquered. More elaborate were the tall towers of the second century, which, as we have learned from quite recent excavations, were built by the Romans two or three centuries later at vantage points along the Yorkshire cliffs—at Hushell Hill, Scarborough, and elsewhere. These towers were of great use in warning of danger from the sea.



Grandpa "Mine's doing First What's yours doing?"



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THE CHILDREN'S CORNER.

CONDUCTED BY
UNCLE CARACTACUS

A Visit to the Queen's Doll's House.

H.L.O. children

There is something very fascinating about any doll's house, isn't there? And the Queen's Doll's House is the most wonderful one in the world. Everything in it has been produced by the greatest artists and best craftsmen of our time.

It took nearly three years to make, and we can well believe it. The house and everything in it has been built to the exact scale of one inch to the foot. In other words, just one-twelfth the size they would be for real-life things.

The front of the house is 100 ins. long. Its narrower sides are 5 ft. 2 ins. wide. Two grass plots of velvety green, with a broad, well-kept path between, lead up to a door, outside which sits a very intelligent-looking terrier waiting to be let in. Looking back we can see the lawn mower, 3 ins. high.

A Race of Dollonites.

Just before the garden gates, poplar trees, on a 2 ft. high keep guard. The gates themselves are of the most beautifully wrought iron and as we pass out to take a last peep at the garden we see the perambulator, where the baby of the house sleeps wisely in the open air.

The outer walls of the house are of wood painted and carved to represent Portland stone. At the four corners of the parapet on top you notice the patron saints of England, Scotland, Wales, and Ireland.

The back of this house is just as perfectly finished and windowed as the front.

We have to think of this house as being a race of little people called the Dollonites—people about 6 ins. high like "Tinker Bell" or Gudy's "Lilliputians." These little people have children and the children have playthings, so that the furniture in the drawing-rooms and sitting-rooms is for the grown-up Dollonites, the furniture in the nursery for the Dollonite children.

SABO IS STOLEN

By E. W. LEWIS.



ONE day, Uncle Harry arrived in his car to take Isobel up to London to see the shops and her favourite play. Sabu thought that he was to be left

behind, but, just at the last moment, Uncle Harry picked him up with a laugh, saying, "Come along, Rub-nose!" and fastened him on the top of the radiator.

Sabu had the time of his life. It was glorious. The road ran backwards beneath him with dizzy swiftness; the hedges rushed past on either side; little houses appeared, and, the next moment, had gone by; the wind whistled through his hair, and took his breath away.

They went more slowly as they passed through a little town, and on a car coming in the opposite direction, Sabu saw a Black Cat just in the position as he was. The Cat must have been startled at the sight of him, for her back was arched and her tail was stiff, and she glared at him with her yellow eyes.

After a long time the hedges disappeared, and the road ran between rows of tall houses, and there were tram lines, and horses pulling heavy wagons, and multitudes of houses and taxis and

children in smocks and aprons, and the dolls they play with are smaller yet, in proportion.

The Main Hall.

We enter the main hall. It is an imposing affair, complete with knights in armor, clasping a battle axe, the other a jousting pole. Facing us is the gleaming marble staircase with its beautiful balustrade. Two hanging lanterns of exquisite workmanship light up the lovely painted ceiling. Through an archway on the left we find the lift. Press a numbered button for any floor you want and it stops most



The Queen's Doll's House as seen from the outside.

Stop now out of the lift at one of the floors. We go to the second floor with a servant's bedroom on the left and at the other end a boy's room with the most fascinating little trunks, hold-alls, and hat-boxes stored tidily on its shelves. Trunks, of course, don't come up in the passenger lift, but by service lift from the basement. There are two more servants' bedrooms on this floor—called the upper mezzanine floor—but we will go just below to the nursery.

cars of all colours and sizes. This was London. Sabu thought that it was the most wonderful place he had ever seen, far more wonderful than the forest.

Shortly afterwards they turned into a quiet street, the car drew near to the pavement and stopped. Uncle Harry and Isobel got out, and went up some stone steps and through a door. The car was left by the kerb. Turning his head, Sabu saw two eyes fixed upon him.

The eyes were in the head of a small girl who was standing on the edge of the pavement quite near to Sabu. They were blue eyes, and were open very wide. The girl was smaller than Isobel.

She stared at Sabu, looked up and down the street, and stared again; and her eyes seemed to get bluer and bigger.

"Oh! shouldn't I just!" she said in a low voice. Then she stepped off the pavement, and was now standing in front of Sabu, and her head just came up to the top of the radiator where he was sitting.

She touched him with her hand and looked away towards the road through which Uncle Harry and Isobel had just gone. "You are a snatch and a tug," she said. Sabu moved to his place, hid him underneath her shawl, dodged across the street, and began to run as if the man with the white gloves were after her.

At last she stopped running, and, under a little archway she took Sabu out from beneath the shawl, held him up before her face, and gave him a big kiss.

(Continued at the foot of the next column.)

First we come to the Princess Royal's room and if you wait till she goes to bed you will hear her cry out, for a naughty brother has put a pea in her bed. This pea had to be so tiny that it could only be grown under a microscope. Here we go through a door leading to the Queen's sitting-room, and on into the nursery with its tiny swing cradle of apple wood, inlaid and bound with silver and lined with ivory; and a high-chair any baby would be proud to sit in. We go through the bathroom to the wonder of wonders—the day nursery. How very fortunate these Dollonite children are! They seem to have everything. A cabinet gramophone, with records the size of a half penny, a piano, a rocking horse, a Noah's ark, a marvellous railway and two cupboardful of toys besides.

Next we peep into the linen cupboard, stocked with blankets and coverlets, many of them about the size of your two middle fingers.

Newspapers, smaller than luggage labels.

Now come to the back stairs, and on the top floor, a tiny room, the size of your thumb nail, with a tiny bed, a tiny table, and a tiny chair. Here we find the smallest of all the things in the house, about the size of your two little fingers. They are the tiny newspapers and play

books. The newspapers are smaller than a luggage label, and the playbooks are smaller than a postage stamp. The tiny newspapers are printed on a paper the size of your thumb nail, and the tiny playbooks are printed on a paper the size of your thumb nail. The tiny newspapers are printed on a paper the size of your thumb nail, and the tiny playbooks are printed on a paper the size of your thumb nail. The tiny newspapers are printed on a paper the size of your thumb nail, and the tiny playbooks are printed on a paper the size of your thumb nail.

Miniature Kitchen Utensils.

Turning toward the back of the house, we come to the kitchen. On the long table tiny scales, a rolling pin, and pastryboard, and mince pies fill you with longing to try your skill at baking in the huge oven.

The scullery is fitted with deep washing-up sinks, and hot and cold taps placed low so that the water will not splash up, and the big stack of plates are quickly washed and put in the drying rack. The silver is sent to the butler's pantry for cleaning, and the knives are put into the knife machines.

It would take pages to describe the dining room with the gold plate and a dinner service that can be laid out on an ordinary dinner plate; the magnificent paintings, the elegant bathrooms, the wardrobes, the carpets, and a thousand and one other marvels of beauty and minuteness.

(Continued from the previous column.)

"I've got you!" she said, and kissed him again and again. "You're mine now!" and, hiding him once more upon her breast, she began to run again.

"I wonder where we're going to!" Sabu said to himself. He was sure it would be somewhere interesting.

Would there be elephants, or waterfalls, and a garden with a lily pond?

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INDIA

DENMARK

SPAIN

JAPAN

Edinburgh Programme. Week Beginning Sunday, July 13th.

SUNDAY, July 13th

9.0-10.0. Programme S.B. from London
10.0-11.0. CHILDREN'S CORNER. S.B. from
London
11.0-12.0. Programme S.B. from London

MONDAY, July 14th.

3.30-4.30. Orchestra of Dundee Palace de
Danse.
6.0-8.0. CHILDREN'S CORNER.
7.0-11.0. Programme S.B. from London.

TUESDAY, July 15th.

5.0-6.0. CHILDREN'S CORNER
7.0-11.0. Programme S.B. from London.

WEDNESDAY, July 16th

2.30-4.30. Orchestra of Dundee Palace de
Danse
6.0-8.0. CHILDREN'S CORNER
7.0-7.30. Programme S.B. from London
8.0-10.0. Programme S.B. from Glasgow
10.0-11.30. Programme S.B. from London.

THURSDAY, July 17th.

5.0-6.0. CHILDREN'S CORNER
7.0-8.30. Programme S.B. from London
8.30-9.45. Meeting of Alumni Association of
Edinburgh University. Replayed from
St. Ewen Hall.
10.0-11.0. Programme S.B. from London.

FRIDAY, July 18th.

3.30-4.30. Orchestra of Dundee Palace de
Danse
5.0-6.0. CHILDREN'S CORNER
7.0. NEWS and WEATHER FORECAST
S.B. from London
G. A. ATKINSON. S.B. from London,
Local News.

7.30. Local Programme.

CRACE HUGHES (Soprano)
MYRIE MURHEAD (Solo Violin).
PAUL BELLA TORRE (Solo Pianoforte).
NICOL FENTLAND (Recorder)
T. PATERSON LAMB (Accompanist)
Myrie Murhead.
Concerto in E Minor (1st Movement)
Mendelssohn

7.45. Grace Hush:

'Ode mio ben'..... Giordano (1)
'When All Was Young' ("Faust") Gounod
'A Summer Night'..... Goring Thomas
7.55 Nicol Pentland will recite Selections
from his Repertoire

8.15. Myrie Murhead Chanson Louis XIII and Pavane

Rowland "..... Berthaven-Kreide.
Chanson H. M.

8.22. Big Lady Moon "..... Coleridge Taylor (1) Dreams Valley "..... Roger Quilter "Robin Adair"..... Gertrude Moffat

8.30. Paul Della Torre Sonata in F Sharp Major (Op. 78).

8.45. Nicol Pentland will recite Selections from his Repertoire.

9.0. Paul Della Torre. First Impromptu..... Chopin Pensee Fugitive..... Della Torre

9.15. Myrie Murhead Concerto in E Minor (2nd and 3rd Movts.) Mendelssohn

9.30. Nicol Pentland will recite Selections from his Repertoire

9.40. Mr. R. B. NEWINGTON on "Muh- cocks"

9.50. Paul Della Torre

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

10.30. THE SAVOY BANDS. S.B. from London

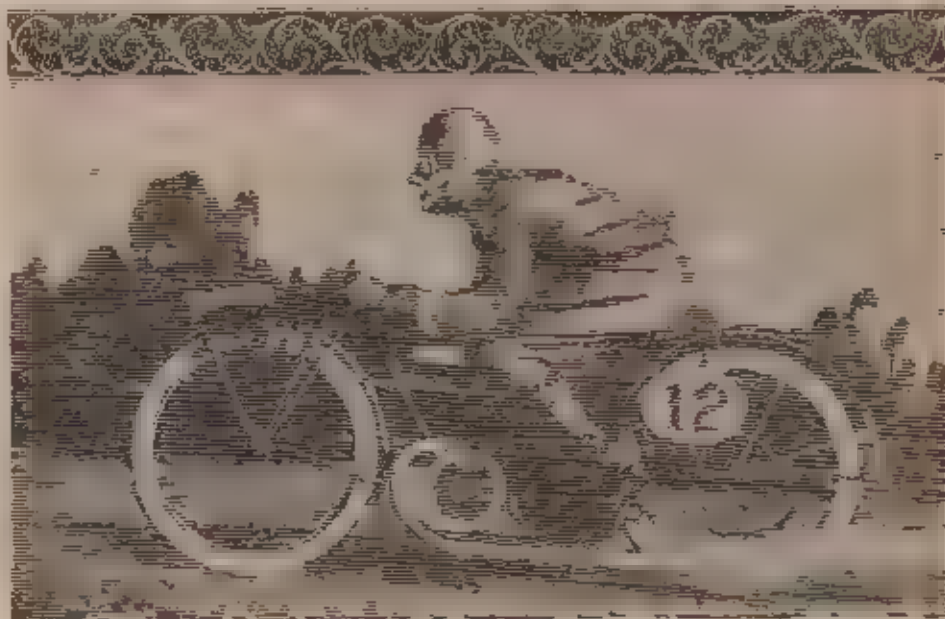
11.30. Close down

SATURDAY, July 19th.

12.0-12.30. CONSECRATION OF LIVERPOOL 3.0-4.30. CATHEDRAL. See page 110

6.0-8.0. CHILDREN'S CORNER. 7.0-11.0. Programme S.B. from London. Announcer: G. L. Marshall.

A number against a musical work indicates the name
of the publisher. A key set of publishers will be found on
page 97



No wasted energy here!

The T.T. Races.

The wonderful T. T. Races held every year in the Isle of Man provide thrilling tests of endurance for men and machines. The diminutive engines which propel these machines at the terrific speed of a mile a minute for hours on end, must work like clockwork and deliver every possible ounce of power.

Certainly there is no wasted energy in motor-cycles competing in the T.T. Races!

A comparison

There is a very useful comparison for Valve users here. As every wireless enthusiast should know, the whole principle of the 3-electrode valve lies in a filament heated to produce a flow of electrons. This electron stream travels towards the Anode and the Grid. In the Cossor Valve, the filament is arched and almost totally enclosed by the hood-shaped Anode and Grid. The result is that practically the whole of the electron stream is usefully employed

—and an example.

But, on the other hand, in a valve with a straight filament and tubular Anode a very large proportion of the electron stream leaks out at either end, only to strike against the sides of the glass. There never was such an obvious case of wasted energy

The explanation

This, then, is brief explanation of the reason why the Cossor Valve is so particularly efficient in detecting weak signals when other valves are inoperative, and able to give a remarkable amplification with a complete absence of distortion.

—and a moral for you.

Next time you purchase a Valve remember the moral of the wasted energy and select a Cossor—five minutes will make you a permanent user

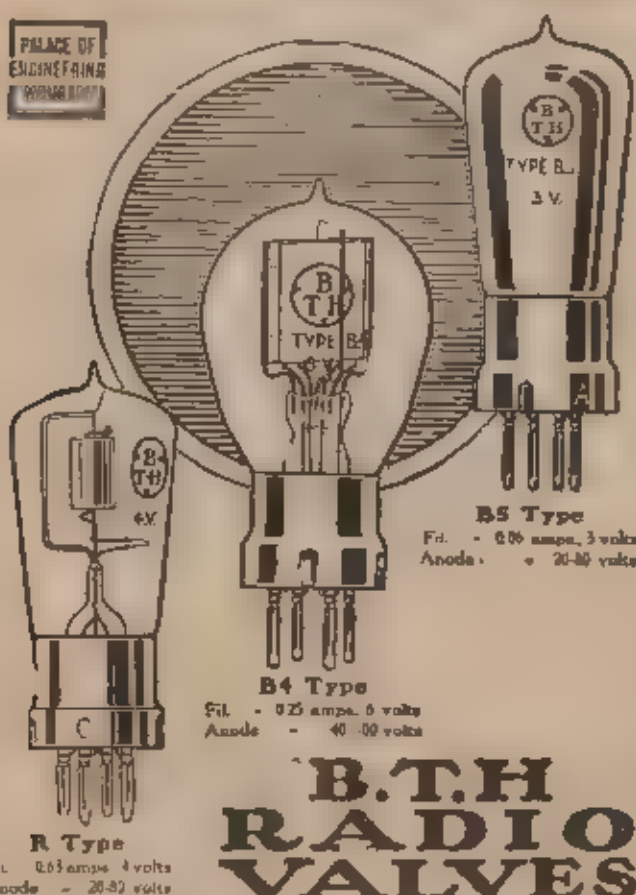
Manufactured in
two types
P.1 (F-4 D)
octal and L.F.
use 12/6
P.2 (F-4 D)
octal and H.F.
use 12/6



Cossor Valves

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All three valves are made by special processes under patents owned by the makers.

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R Valve - 12s. 6d
B5 Valve - 30s. 0d
B4 Valve - 35s. 0d

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4. Hairs lie down. That is due to weak bubbles. Strong bubbles are essential to support the hairs for cutting. And Palmolive bubbles are strong.
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Liverpool Programme.

Week Beginning Sunday, July 13th.

SUNDAY, July 13th

- 3.0-4.0 Programme S.B. from London.
 5.0-5.30 CHILDREN'S CORNER S.B. from London.
 5.0-10.45.—Programme S.B. from London.

MONDAY, July 14th, to THURSDAY, July 17th

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

FRIDAY, July 18th.

- 4.0-5.0 Gaillard and his Orchestra relayed from the Scala Super Cinema.
 5.30-6.15 CHILDREN'S CORNER.
 7.0 NEWS and WEATHER FORECAST S.B. from London.
 7.15-7.30 A.A. KENNEDY S.B. from London.
 7.30-7.45 Local News.

7.30. Dance and Miscellaneous Programme.

- 11.15 HOWARTH'S ORCHESTRA AND DANCE AND
 March, "London Scottish" (No. 4) Hauser
 Entr'acte, "Ballet Egyptian" (No. 4) Hauser
 Overture, "Foot and Heels" (No. 4) Hauser

8.0. GAILLARD AND HIS ORCHESTRA

- 8.0-8.15 Music from "The Arabian Nights" (No. 4) Hauser
 Characteristic Piece, "The Arabian Nights" (No. 4) Hauser

8.45. Talk on the BRITISH BIRD

- CANARY by a member of the Field Club.
 THE BIRD AND THE INSECT OF BRITISH
 ROBERT L. L. S. with illustrations by
 the birds themselves.

9.0.—One-step, "Hurry Keep Your Tail Up"

- (8); Fox-trot, "Am I To Blame" (9);
 Blues, "Broadway Blues" (10); One-
 step, "Irish Melody" (11); Fox-trot,
 "Pasadenas" (12); Waltz, "Le Million"
 d'Harley (13); Fox-trot, "Straight
 Laced Jane" (14); Fox-trot, "Mama
 Loves Papa" (15).

9.45. FINEST TENHALL (Soprano).

- "If I Were Eyes" (No. 4) Brahms
 "The Sweetest Flower that Blooms"
 (No. 4) Dancley

"The Lullaby" (No. 4) Brahms

- When Song is Sweet (No. 4) Dancley

10.0.—NEWS and WEATHER FORECAST

- S.B. from London.
 Time and Tides S.B. from London.
 Local News.

10.30.—Waltz, "Three o'Clock in the Morning"

- (16); Fox-trot, "A Swaying to Para-
 dise" (17); One-step, "The Lullaby"
 (18); Fox-trot, "Say it With
 a Lullaby" (19); Waltz, "Love Belts"
 (20).

11.0.—Toss down.**SATURDAY July, 19th.**

- 1.0-2.0 CONSECRATION OF LIVERPOOL
 3.0-4.30. CATHEDRAL (See page 110).

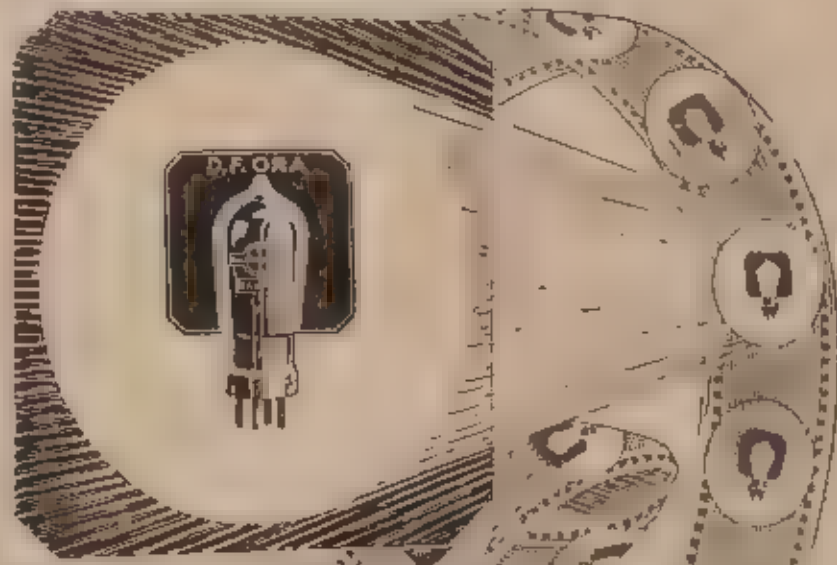
4.0-5.0.—Gaillard and his Orchestra relayed

- from the Scala Super Cinema.
 5.30-6.15 CHILDREN'S CORNER.

7.0-7.30.—Programme S.B. from London.

Announcer H. Cecil Pearson

A number against a musical item indicates the name of the publisher. A key list of publishers will be found on page 97.

A Valve for Every Wireless Circuit.**D.F. ORA.**

THE MULLARD DULL FILA-
 MENT ORA was designed
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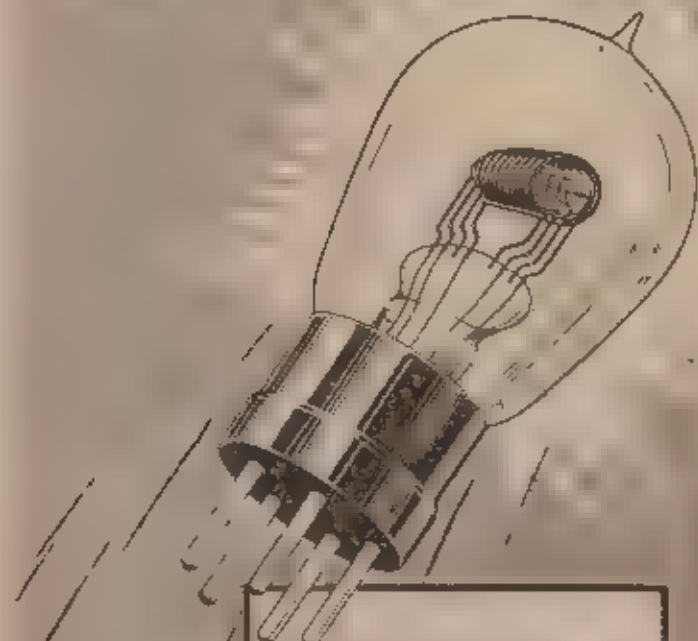
Mullard
THE MASTER VALVE

Advertisements of The Mullard Radio Valve Co. Ltd. (R.T.)
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BRITISH EMPIRE EXHIBITION, PALACE OF ENGINEERING—
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(127)

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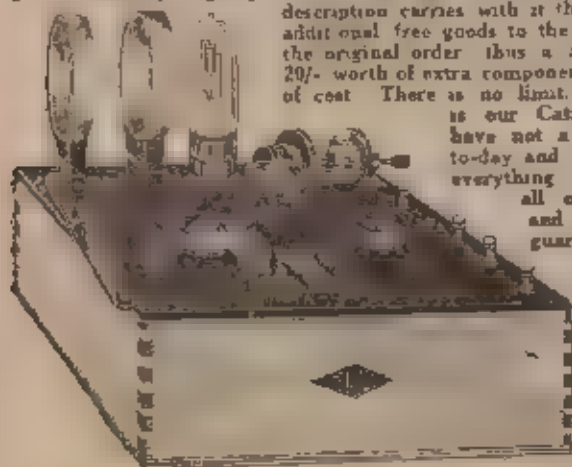
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And," she adds, "Pelmanism is a most absorbing game, and one which each player can learn for himself or herself. At any convenient moment one may take up the 'Little Grey Books' and enjoy real mental recreation—to employ that much-abused word in its proper sense."

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practise them. And not only do you take a delight in practising these exercises, but you experience at the same time the deep gratification of feeling and knowing that your mind is rapidly becoming more and more efficient.

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Just as a cricketer experiences an intense feeling of gratification when at last, as the result of skilful coaching and careful practice, he is able with graceful ease and the minimum of effort to crack the ball to the boundary, so you, after practising Pelmanism for a few months, feel the same pleasure and gratification at finding yourself able to do things easily, smartly, and efficiently, while it really seems as if you had the compass of your mind.

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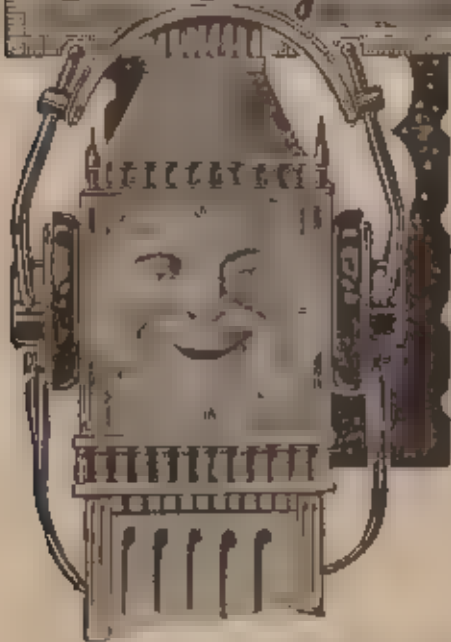
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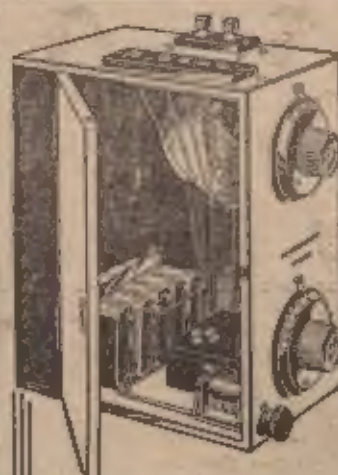
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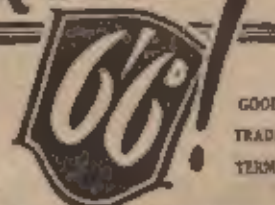
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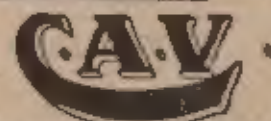
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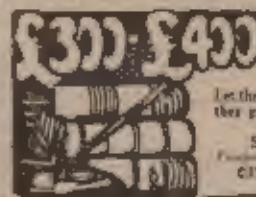
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It is also an established fact that SILVER is the finest conductor, closely followed by TIN. Silver is not only too expensive to use generally as an aerial, but for many technical reasons it is impracticable.

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