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World-Radio. Registered at the G.P.O. as a Newspaper

APRIL 19, 1935. VOL. XX, NO. 508.

World-Radio

THE BBC FOREIGN PROGRAMME JOURNAL ★ EVERY FRIDAY 2^D

WITH FULL INFORMATION FOR THE LISTENER AND TELEVIEWER

**Ambrose on Europe's
Dance Music**

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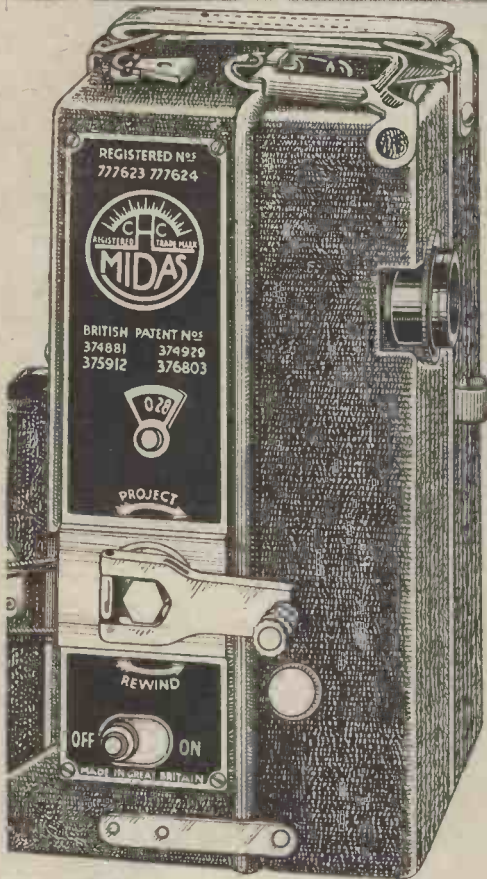
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NAME

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W.R.I.



There was an old fellow named Hughes
 Who suffered each day with the blughes;
 Till his doctor laconic
 Said "Daily—Schweppes Tonic"...
 Now the roseate Hughes blughes eschughes.

Schweppes
TONIC WATER

- does you Good

Radio at the Brussels Exhibition

(From our Brussels Correspondent)



H.M. the King of the Belgians at the microphone

THE official inauguration of the Brussels International Exhibition, 1935, and the speech of H.M. the King of the Belgians will be broadcast at approximately 10.50 a.m. on the opening day, April 27. The king's speech will be recorded and will be broadcast again at 9 o'clock that night. Running commentaries will also be broadcast on April 29 at 8.50 p.m.; on May 1, during a tour entitled "Through the Exhibition"; and again on May 4, when the Queen will open the Swedish section of the exhibition.

Visitors to the Brussels Exhibition of 1935 will find some interesting wireless and broadcasting exhibits in the Alberteum, or Palace of Science. (The name of the Palace commemorates the late King Albert's keen interest in scientific research.) The purpose of the building is to show the latest scientific developments, and radio and the cinema will occupy a particularly important position, for as a means of communication, education, and entertainment, they constitute two important pillars of modern life. It is impossible nowadays to conceive the world without the services of these two arts; and their power for cultural and popular education, as well as for the advancement of commerce and industry, will be strikingly shown by the exhibits in this hall.

A Tribute to the Late King

The Alberteum does not seek to make a profit, but any which may accrue will be devoted to the library which is to be erected in memory of King Albert as a tribute to his services to Science and Industry.

The late King, on many occasions in his speeches to the Belgian people, emphasised the co-operation between the scientific research laboratories of the Universities and the laboratories maintained by industrial concerns; and created a tangible link by instituting the National Fund for Scientific Research. Among notable achievements of the fund are the two ascents into the stratosphere by Professor Piccard.

The I.N.R. pavilion is close to the Congo Pavilion. It has been designed by M. Diongre (the architect to whom has been entrusted

the erection of the new Belgian broadcasting house), and will consist principally of a vast auditorium. The Pavilion will be rectangular in shape and will cover an area of 600 sq. metres. In this auditorium the I.N.R. orchestras will be heard daily. Visitors to the Pavilion will be able to see the performances given by the Symphony Orchestra of the I.N.R., the membership of which has just been extended to include sixty musicians. A number of feature programmes will be given in the Pavilion and relayed: one of the first will be *L'Arlésienne*, by Bizet. In addition, sports events and *Kermesses* (popular festivals which are to take place either in the Heysel Stadium or in the "Old Brussels" section) will also be broadcast.

There will be a broadcasting studio around which the public will be able to move freely: its walls will be made of glass, so that visitors will be able to see everything that goes on inside. This studio will be employed for interviews and for programmes of chamber music.

A miniature wireless station will be shown in full operation, and the public will be able to observe all the phases through which the electrical energy passes, from the time it leaves the electrical distribution mains until it is radiated in the form of Hertzian waves and intercepted by receiving sets in the home.

Elsewhere will be shown the various sound-recording systems in present use, and dioramas, models, working models, and automats will illustrate in an interesting and popular manner the latest offerings of science to industry.

Among these will be the working model of the "Marine Sounding Device" which was one of the attractions of the Century of Progress Exhibition at Chicago.

In the cinematograph section provision has been made for a studio, where the public will be able to witness the production of a film in all its stages, while the whole series of technical operations which go to the preparation of a film will also be illustrated, from the manufacture of the celluloid strip up to the moment of its showing as a cinematograph film.

A fine entertainment hall will form the right wing of the Palace of Science, and will be designed on novel architectural lines. Lectures, scientific experiments, and artistic entertainments of a striking character will take place on this stage. Stars of the radio and of the cinema

will appear before the public, and the entertainment they provide will also be broadcast.

By the diversity of its attractions and by its completeness, the Palace of Science will undoubtedly be one of the most interesting and most instructive sections of the Brussels International Exhibition of 1935. It will be a centre where men of science and men of business, as well as the enquiring visitor, will find a mass of valuable material.

Scientific Demonstrations

Among the many other scientific exhibits those connected with electrical oscillations will interest students of broadcasting.

For example, the influence of the Kennelly-Heaviside layer on the propagation of electromagnetic waves is well known: two striking experiments, one with ultra-short waves of 25 cm. wavelength, and the other an analogous experiment with sound waves, will demonstrate what takes place, and will explain how the height of this layer is determined. Again, it is always interesting to see the result of the transformation of energy in the form of sound into electrical energy by means of a microphone: the public will be able to see the form of the electric current passing through the microphone, under the influence of speech. A few experiments on the generation of electrical oscillation by means of three-electrode valves will complete this group of exhibits.

Among the scientific apparatus of interest not only to students must be mentioned the planetarium, which it is hoped will help to popularise astronomy.

The creation of this Palace of Science would have presented insuperable difficulties but for the aid of the Belgian Government, as well as



The Palace of Science in course of construction

the support of the city of Brussels and of the Exhibition Company.

In active collaboration with the propaganda office for the Brussels International Exhibition, 1935, the I.N.R. will issue, from Saturday, April 27, onwards, in the Saturday broadcasts of its French (7.30 p.m.) *Journal-Parlé*, a regular news bulletin covering the past, current, and coming events connected with the Exhibition

AMBROSE discusses the Continental Listener and his Dance Music

To prophesy in print future developments in the art of rhythmic music is to convict oneself of temerity. I have had years of music-making, but I certainly do not care to commit myself to any dogmatic forecast of the stage that Europe's dance music will have reached, say, ten years hence. Part of the attraction of dance music, perhaps, is its capacity for the unexpected—those whom it entertains find a pleasurable "what-will-happen-next" quality about it.

And so, what I have to say here about the future of dance music in the programmes of European broadcasting is in no way a prophecy: it is a statement of what, in my opinion, we might reasonably expect if present conditions persist.

Music in the modern rhythmic idiom, in common with every other art, is not something peculiar to, and appreciated by, only one nation. That the United States planted the original seed, and that the tending of the plant has been effected principally in that country and over here, have, surely, only that significance attached to the Italian reputation for opera, or the German reputation for producing creators of great music. The rest of the world, having acknowledged the sower of the seed, rightly takes its share in enjoyment of the fruit. But though the Continent, no less than this country or the U.S.A.—or anywhere else, for that matter—has shown a decided appetite for this new fruit, they have not yet, generally speaking, as generous a dish to dip into as have we in this country and, still more, listeners in the States. In other words, though their palate has been tickled, they have not the means of repletion.

In saying which, I make no reflection on the bands whose music you can hear from Continental studios. There are many devoting enthusiastic energy to tilling the ground, and tilling it well. But it must be remembered that the principal exponents of modern rhythmic music, both creative and executive, are found in the United States and in this country. They are the men who set the standard of this music, and as the student of orthodox music goes to Germany or Italy in order that he may learn at the source, so the rhythmic music student from across the Channel must seek masters either here or across the Atlantic. At present, however, the would-be dance musician waits until a leader from England or the U.S.A. makes a Continental tour, and thus offers opportunity for study of his technique. The European dance musician, therefore, must draw his knowledge from other sources—broadcasting, gramophone records, print—none of which, valuable to him though they are, can be as helpful as "the personal touch." My own experiences on the Continent, and the enthusiastic interest aroused among dance musicians there by the visits of my band, dictate that opinion.

In present circumstances, such tours of the Continent are not frequent, and for various reasons their frequency is not likely, in my opinion, to increase during the next few years. And so I think that, until those circumstances have altered, the rhythmic music that we shall hear from European stations is likely to vary little from that which we now tune in.

But there is another aspect of the question that is a happy augury for the future of dance music as an art in Europe—the reaction of Continental audiences and dancers to the music's proper interpretation. Most of you know—although you may not always remember it!—that when providing entertainment, however good the material, for an audience that

is apathetic it is exceedingly difficult to avoid giving an apathetic performance. The reaction of those whom one is trying to entertain communicates itself to the artist—it can be either a stimulant or a sedative. There is no "either-or" in Europe: the audiences there—listeners and dancers—respond so readily to competent presentation of rhythm, their enthusiasm is so keen, that a band can hardly help giving of its best. It is a delight to play for such; their appreciation is so pleasant a reward. And when, as I believe it is, that appreciation is tempered with discrimination, it becomes doubly valuable.

Dance music is by no means only a business of providing a tempo to which a couple can foxtrot or waltz. There is room for tone-colour in it; a rhythmic number can be interpreted in a way that brings out all the beauty of its harmonies, melody, and rhythm; it can be made something worth while for itself. That is why I introduce into my broadcast programmes such works as Gershwin's *Rhapsody in Blue*, de Falla's *Fire Dance*, works by Reginald Forsythe and Duke Ellington. I believe that such works are true expressions of rhythmic music as music. But—my arrangements of them always have a fundamental beat that provides a tempo for dancing.

It is a policy that has met with a mixed reception among British listeners. The British listener is representative of his race—he likes to give long and careful consideration to what is new to him; he enjoys "Home, James, and Don't Spare the Horses" because the humour of it is humour with which he is familiar; he is not so sure about a rhythmic interpretation of a semi-classic. I am not going to say that he hasn't rhythm in his blood: judging by some of the splendid dancing I've seen in suburban and provincial dance-halls, I think he has. But he quells it, refuses to yield to any instantaneous reaction.

On the Continent, the listener makes obvious his reaction to rhythm. He loves it, and he sees no reason for concealing the fact. The result is that he gives close attention to it, and discovers many little sources of enjoyment that his equally enthusiastic, but more reserved, brother in Great Britain is apt to overlook. That is why those bands and instrumental *virtuosi* who go across the Channel return with stimulating memories of rousing receptions in Holland, Denmark, France, and—yes—Germany; receptions reflecting the appreciation of all classes of the population.

Europe's Own Dance Music

Various European countries, of course, have a dance music peculiar to themselves. To me, to think of the tango, for instance, is to think of France and Spain—it is music with a rhythm in which may be found a reflection of a people.

Similarly with the rumba and the Viennese waltz. These, as it were, are national idioms, and nowhere else can be interpreted with such spontaneous naturalness. But they are unique forms of dance music, allied to modern rhythmic music only by reason of their rhythm, and with their conventions already established.

It has been interesting to visualise the type of programme that I should prepare were my orchestra and I to broadcast over a European network. I should try, first of all, to obtain the services of an outstanding vocalist, capable of



Ambrose and his broadcasting orchestra. Sam Browne and Elsie Carlisle, the principal vocalists, are on the left, and the Rhythm Sisters on the right

singing in the languages of at least some of the countries taking part in such an international relay, the lyrics of appropriate popular numbers being translated for the purpose. He would be used for occasional announcements in the necessary languages, and the "farewell" announcement would certainly be in the tongues of all the countries which had heard the programme.

Then, it would be an interesting experiment in humour to see whether a descriptive comedy number such as "A Scene from Cruel London Life" could be made to entertain a French or German listener.

Tangos and rumbas, obviously, must be represented in my programme. In fact, it would be a programme as truly representative of the international character of the broadcast as I could make it—one acceptable to Continental and British temperaments alike, and one, too, that would serve to indicate to European dance musicians my own opinions, as a band leader, of the way in which contemporary tunes could be interpreted.

I believe that there is talent in Europe, awaiting discovery, that will one day be a challenge to rhythmic music makers everywhere. You who listen to programmes from Continental stations should have excellent opportunities of being among the first to discover it, and that suggestion can well be my personal message to WORLD-RADIO readers.

"SHORT-WAVE BANDS"

is the title of the next contribution to this series. It will review some of the dance orchestras that listeners to short-wave programmes from the U.S.A. can hear.



(Above)—Gigli making up for the part of "Rodolfo" in *La Bohème* at the Rome Opera House

(Right)—A cup and saucer photographed only by heat radiation from two electric flat-irons

[By courtesy of Messrs. Ilford, Ltd.]



(Left)—Dr. Sven Hedin, the famous Swedish explorer, photographed at a Berlin railway station when he arrived in that city a few days ago



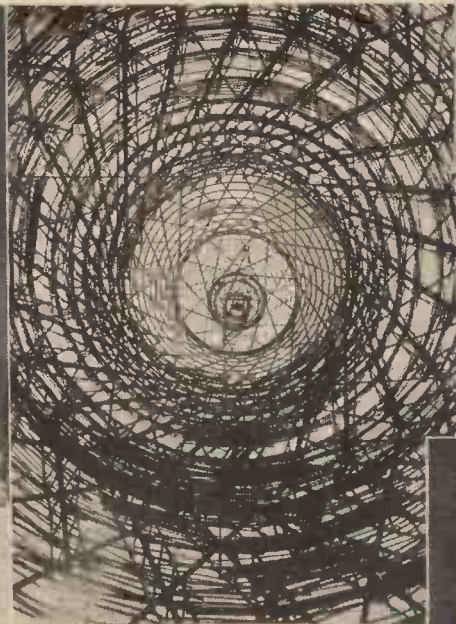
M. Jean Mistler, who has been appointed President of the French Committee of Co-ordination of Broadcasting for the year 1935

[E. N. A.]



BROADCASTING IN THE U.S.S.R.

Photographs exclusive to WORLD-RADIO



(Above)—Looking up the centre of the mast of the Schabolovka station, Moscow. (Left)—A study in contrasts: A Tajik family of Russian Central Asia listening in their tent to news from Moscow, and the transmission by telegraph from Tashkent of a picture for reproduction in a Moscow newspaper. (Right)—Another contrast: Mlle. Remisova, an announcer and the only woman member of the National Radio Committee (top) and a Kurdish peasant listener in Ekwart, an Armenian village



LETTERS TO THE EDITOR

SETS. AND MAINS CURRENT

SIR,—Replying to the letter of the correspondent who states that the question of the supply of incorrect voltages is purely that of a breach of contract, I would point out that it is also a breach of the Board of Trade regulations.

The point in my previous letter, however, was that if an unauthorised extension were fitted, the electrical supply authorities make a practice of declaring the contract to be void thereby, so that the question of a breach cannot arise.

I have made it clear that I do not consider the attachment of a wireless set to be an extension which must be notified to the electricity suppliers, but my advice was this—and it still holds—that if a listener advises his suppliers that he has attached a wireless set to the mains, the suppliers concerned are precluded from stating that they are not liable on the grounds that they were not advised of that extension.

Yours faithfully,
ALFRED T. FLEMING,
Secretary, The Wireless League.
12, Grosvenor Crescent, S.W.1, April 12.

TELEVISION TERMS

SIR,—The names WORLD-RADIO and "The Radio Times" indicate the general use of the word "radio" for wireless. The components of the future radio set, as "Radio User" puts it, will probably be radiophone, radioscope, and radiogram.

"Arcady" will no doubt think it a quibble to say radioscope is not in the *Shorter Oxford Dictionary* as it gives radioscopia (1898) an early X-ray term. I think I am right in saying that the word "radioscopia" is no longer used in connexion with X-rays. The terms now used are Radiography and Radiology (see "Science Abstracts" Index). It seems therefore that "Arcady" will agree with the suggestion that the ideal name for a television set is RADIO-SCOPE.

Yours faithfully,
H. S.
Gerrard's Cross, Bucks, April 12.

"CELLULAR OSCILLATIONS"

SIR,—The notes on Thought Transference by "Neutron" in your issue of April 5 recall the pioneer work and the theories of H. Lahkovsky of Paris on "cellular oscillations" and the use of oscillating circuits for the cure of disease, including cancer.

Lahkovsky advances the theory that certain portions of the human cells resemble, in their formation, inductances and capacities, and that it is these which pick up radiation of all sorts, including the cosmic rays. Going a step farther, he suggests that the homing instinct in birds and directional instincts in insects, animals, etc., may in reality be explained by the fact that every person and every animal, bird, etc., is able to receive and transmit waves of very short length.

Lahkovsky deserves every credit for the experimental work which he is doing.

Yours faithfully,
E. S. HODGSON.
North Shields, April 12.

AN INTRUSIVE TIME SIGNAL

Explanation Wanted

SIR,—I read with interest the letter from H. J. Poole, which was published in the issue of WORLD-RADIO, dated April 5. To-day, while listening for Big Ben at 12.30 on the Droitwich wavelength, I distinctly heard the British time signal just before Big Ben struck. On the last

pip, Big Ben struck. Is it possible to offer any explanation?

Yours faithfully,
ARTHUR LESLIE STATHER.
Caterham, Surrey, April 14.

CRYSTAL SET RECEPTION

SIR,—I have been greatly interested in crystal reception since the days of the Mark 2, used during the War, and one of these bulky, but very efficient, receivers is still in my possession.

Situated exactly twenty miles from Moorside Edge, I use this along with a horn-type loud-speaker for reception of the two transmissions from this station, and I find that sitting quietly in my den, nothing further is necessary, as I can hear every word of speech fifteen feet away.

On Sunday evenings after the B.B.C. stations have closed down, foreign stations come in one after the other as the tuning knob is slowly turned. One often hears that a crystal set is not selective, but I have never had the slightest difficulty in separating the two Moorside Edge transmissions, and I might also add that my aerial is one of the highest and longest in the district, which is all against selectivity.

Any readers in the district will be welcomed to hear it by appointment.

Yours faithfully,
"RADIDEA."
Manchester, April 6.

From S. Australia to N.Z.

SIR,—When resident a short time ago in Auckland, New Zealand, I received the following Australian stations on numerous occasions with an ordinary crystal set using headphones: 2FC (5 kW) and 2BL (5 kW), Sydney; 3AR (5 kW) and 3LO (5 kW), Melbourne; 7ZL (3 kW), Hobart. The most distant station received was 5CK (7.5 kW), Crystal Brook, South Australia, over 2,000 miles from Auckland!

Yours faithfully,
D. M. CASTLE.
Ipswich, April 14.

Long-Distance Results

SIR,—With reference to Mr. M. Geddes's letter in to-day's issue of WORLD-RADIO regarding long-wave results on a crystal set, if the coil "consisted of about thirty-five turns of wire on a 2-inch former" he would only be able to tune up to about 350 metres. Does he mean long-distance results, and not long-wave?

Yours faithfully,
F. E. MORRIS.
Kilburn, N.W.6, April 12.

[The reference should have been to "long-distance," not "long-wave," results.—ED.]

THE GREATEST TENOR?

SIR,—There are, unfortunately, still a number of people for whom exuberance and top notes constitute the main attributes of singing. For such people the possession of brains and the subtlety that comes from their use mean nothing.

Kiepura, for whom there seems to be an excessive admiration, is unquestionably a vastly improved singer to the man who made such a disastrous London debut at the Royal Albert Hall some years ago; but to say he is yet in the front rank is to accord him a distinction to which he is not entitled.

It has been my privilege (or should I say my misfortune?) to be associated with music all my life, and I have heard all the tenors (real and alleged) who have appeared during the past thirty years. From the point of view of musicianship and accomplishment Kiepura would have to be placed very far down in a

list which includes Caruso—without any shadow of doubt the greatest tenor voice of this or any other age; Gigli, his only legitimate successor in the domain of opera; McCormack, most perfect of concert artists; Tamagno, de Lucia, Martinelli, Schipa, and Tauber at his best.

Yours faithfully,
JOHN H. RICHARDSON.
Hanover Square, W.1, April 5.

POINTS FROM LETTERS

What about Tauber?

Why did not one correspondent mention the most versatile of all singers—namely, Richard Tauber? Effortless fluency, passionate intensity, or soft tones are his at will. Tauber not only sings opera arias such as those from *Don Giovanni*, but also he can give new interpretations of our own English ballads which no other singer can equal. Perhaps he is not mentioned because he deigns to sing in operetta and musical comedy as well as opera.—J. M. (Walsall).

Cortis—Pistor—Völker—Pölzer

It appears to me that the opinions of most of your correspondents have been based on gramophone records—a very misleading source on which to form a judgment, as anyone conversant with modern recording will agree. The only really satisfactory way of making comparisons is to hear the respective singers in the opera houses.

Gigli is undoubtedly the best of the present-day Italian tenors, but for lyrical beauty of voice neither he nor Jan Kiepura is comparable with Antonio Cortis, and I should recommend those Gigli enthusiasts who have been raving about his "Che gelida manina," to hear Cortis sing it. As to the Lauritz Melchior "fans," much as I admire the Siegfried of this great tenor, his Tristan and his Parsifal are quite below that of Gotthelf Pistor, and his Siegmund does not possess the essential lyrical quality displayed by Franz Völker. Even his Siegfried is now practically equalled by Julius Pölzer, whose performances each year at the Munich Festival are well worth hearing.—A. B. (London, S.E.9).

Caruso—by Modern Recording!

If Caruso could have been recorded electrically by the most modern methods one wonders what they would have been like, when his "reconditioned" records are so beautiful. I possess a famous aria recorded by him and Gigli which is a special favourite of a friend not very keen on music, but the first time I put on the one by Gigli she at once remarked "That's not Caruso—it's too hard." Beautiful as it is, you cannot mistake them.—M. H. L.-O. (Teddington).

A Spanish Second to Caruso

I heard a Spanish tenor in an opera from one of the Spanish opera houses, about two months ago, Andre Cortez, who sounded nearer to Caruso in his middle voice than any I have listened to recently, and his voice was beautifully rich all through.

Miguel Fleta (another Spaniard, I believe) is one of the most artistically perfect tenors of our day, I should imagine by his records.—E. V. (Cardiff).

Letters should be addressed to the Editor, "WORLD-RADIO," Broadcasting House, London, W.1. Letters intended for publication should be as brief as possible, and should always be accompanied by the full name and address of the writer, though not necessarily for publication.

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How Television Works

Part 3—The Present System used by the B.B.C.

In the preceding two parts of this series, which appeared on March 22 and April 5, the underlying principles of television were described, and the reasons why the technique of television transmission possesses certain marked differences from that of sound broadcasting, were indicated. It will be of interest, therefore, to see how these principles are applied in practice, and this week a brief non-technical description is given of the Baird apparatus which is at present employed by the B.B.C. to transmit studio scenes from the London National transmitter.

THE picture to be transmitted by the present system used by the B.B.C. is scanned in thirty vertical strips, and each scan is repeated $12\frac{1}{2}$ times per second. As has been stated, it is more efficient to keep the scene either in darkness or, at the most, under a small degree of general illumination, and to illuminate fully only one element at a time, rather than to illuminate the whole subject continuously—and to allow the light from each element successively to actuate a photo cell. Accordingly, in this system a bright spot of light is cast on to the scene. This spot is square, having the area of one element, that is to say, $1/2100$ part of the area of the whole scene. At the beginning of a scan the spot is projected on to the lower right-hand corner of the scene, and is moved upwards at a constant speed until it reaches the top right-hand corner. It then disappears, to reappear its own width to the left of its starting point, and is moved up again to the top of the scene, thus tracing out a path or line lying adjacent to its previous path. This process is repeated, the spot tracing out in this way thirty of these adjacent paths or lines, the whole cycle of operations so far forming a complete scan. The meaning of the expression "thirty-line television" will now be clear.

The scan is now successively repeated, the speed being arranged to be such that after one second $12\frac{1}{2}$ scans have been made. Since the area of the scene is that of 2,100 elements, and there are thirty lines, the area traced out during the scanning of one line is that of seventy elements, and since the elements are square, the length of a line, which is, of course, the height of the picture, is seventy times the length of the spot. The width of the picture is the width of thirty lines, and is, therefore, thirty times the width of the spot. The picture in this system is consequently taller than its width, this shape having been found to be the most practical for the scenes of limited definition which can be transmitted on the broadcast channel.

It is not proposed to describe here other than

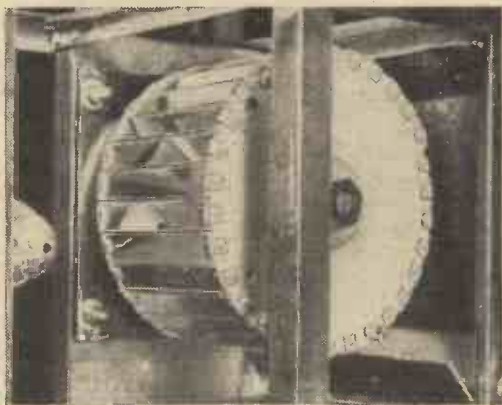


Fig. 1—The mirror drum used in the Baird 30-line system employed at the present time by the B.B.C.

briefly the technical means by which the spot is generated. For a full description the reader is referred to the issue of WORLD-RADIO for March 23, 1934. A special projector contains an arc as the source of light, an aperture to define the area of the spot, the necessary optical arrangements to ensure a cleanly focused spot, and a mirror drum rotated by a motor.

The Mirror Drum

The mirror drum deserves a few words to itself, as it is probably one of the most effective scanning mechanisms known so far as mechanical methods are concerned. It consists of a metal cylinder upon the surface of which are fixed mirrors as shown in Fig. 1. Only one of the mirrors is parallel to the axis of the drum, all the others making, in order, progressively increasing angles with the axis. The number of mirrors is made the same as the number of lines, each mirror being responsible for the scanning of one line.

The action of the drum may be more fully understood by reference to Fig. 2. A spot of light coming in the direction SM_1 strikes the mirror M_1 , and is reflected on to the scene at A. When the drum revolves in the direction indicated by the arrow, the spot on the screen must move from A to B, and on arriving at B it is cut off by the mask G. At this point the mirror M_2 , comes into action and causes the spot to reappear at the point C, the beginning of the second line. The continued rotation of the drum causes this spot to trace out the path CD. By proper adjustment of the angle at which the mirror M_2 is fixed, the second line CD can be arranged to lie exactly alongside the first line AB, the mirror M_2 consequently having a very slight cant. Succeeding mirrors M_3 , M_4 , etc., have each a progressively increasing cant, and thus thirty mutually adjoining light paths or lines are traced on the scene.

A number of photo cells are situated so that they pick up the various degrees of reflected light from the screen and give a current representative of these variations. After passing through the amplifiers, mixers, and other apparatus necessary for the practical handling of a transmission, the current is passed by the usual means to the London National transmitter.

Receiver Requirements

We can now transfer our attention to the receiver in order to see what means may be employed to build up a picture according to the principles we have laid down. First of all we must have, as for sound reception, the necessary amplifying and detecting circuits to give us a vision-frequency current of adequate strength equivalent to the sound-frequency current that normally would emerge from a sound receiver. It is evident, however, that the circuits of our television receiver will be somewhat different from those used for sound reception. We have established that television takes us farther into the extreme bass and treble regions of the gamut of frequencies, and that our circuits must therefore show an improvement in these respects. For instance, it is essential to preserve the reproduction of the higher frequencies by means of the use of such methods as band-pass high-frequency circuits, and the employment of well-designed resistance-coupled low-frequency amplifiers. Also, the use of the latter will go far to ensure that adequate reproduction of the extreme bass frequencies is secured. It is not, however, proposed to deal with technical details such as these in the present series, but to pass on to that part of the receiver which affects the reconstitution or building up of the picture.

We must have at the receiver a similar travelling spot of light, the intensity of which may be varied in accordance with the changes in the current at the output of our receiver. The problem divides itself into two distinct parts, the distribution of the light spot, i.e., the production of the lines, and the modulation of the spot intensity. Since a mirror drum is satisfactory for the generation of the lines at the transmitter, we can employ it at the receiver in conjunction with a source of light and a suitable optical system to throw a spot on a screen, the shape of which must be arranged to be the same as that of the transmitted scene. The modulation or variation of the intensity of the spot may be produced in two ways. Either a light source can be provided which is modulated, or even

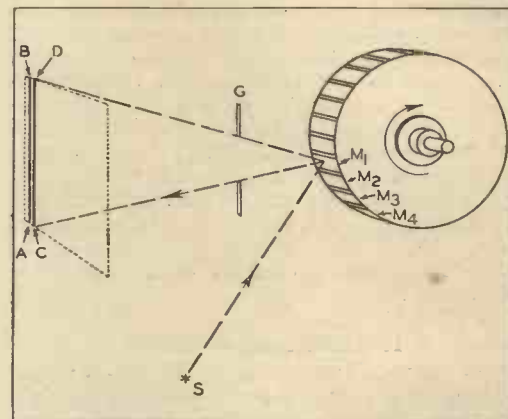


Fig. 2—Illustrating the action of the mirror drum. Light from S is reflected by the mirror M_1 along the line AB, and as the drum revolves, mirror M_2 comes into action and the line CD is traced out

directly lighted, by the current at the output of the receiver, or we may use a light source of fixed intensity, the strength of the light being modulated after it has left the source.

In light sources of the directly-modulated type, use is made of the fact that when a current is passed between two wires situated in a glass bulb containing a small amount of a rare gas, such as neon or helium, a light is produced, the intensity of which under certain conditions is proportional to the current flowing. By connecting such a lamp to the output of our receiver, and by distributing its light over a screen by means of a mirror drum, we have a simple television receiver which will build up a picture on the screen. The lamp is specially designed so that the light it produces is concentrated in the form of a small spot, and is known as a "crater neon lamp." In this type of receiver it is very difficult to obtain white light and the picture is therefore usually coloured; also on systems employing anything but the lowest definition, the lamp would not respond to the high frequencies involved.

(To be continued)

Television Meeting at Nice

The Committee for the Study of Problems connected with Television met at Nice on April 4 and 5, under the auspices of the International Institute of Educational Cinematography, Rome, with the collaboration of the International Broadcasting Union. Representatives of scientific, technical, and commercial interests also attended. Discussions took place on the various problems arising out of recent technical developments in television. Future developments were also considered. The Study Committee, recognising the value of international co-operation between the various organisations interested in the development of television, proposed to the International Institute of Educational Cinematography and to the International Broadcasting Union that they should maintain close contact with a view to following the progress of television and, as far as possible, contributing to its development.

Calling You!

It is a curious coincidence that in last week's issue of WORLD-RADIO there should have appeared both my note mentioning that no writer on the subject of a freak crystal-set reception seemed to have recalled the ten-year-old feat of picking up KDKA direct and a letter from a Welling correspondent who recorded reception of WTIC with an unaided crystal in December, 1933. Though there be those who are inclined to take every case of long-distance crystal reception with a grain of salt, I am not in the least sceptical myself about these and other reports of the immense ranges received, for I have on many occasions had experience of phenomenal signal strength from distant stations. A classical instance is WIOD, the 1-kW station at Miami, Florida, which has been received night after night in this country at excellent strength on quite small sets.

If WIOD, using 1 kW and working on 1,300 kc/s, can be heard with a small valve set, I see nothing out of the way in the reception of the 50-kW WTIC on 1,060 kc/s with a crystal at a time when conditions were particularly favourable.

If Turin Fails to Satisfy

Not a few long-distance enthusiasts whom I meet had failed to realise, until I gave them the hint, that if one particularly wants to hear opera from Turin, and cannot obtain satisfactory direct reception through interference of one kind or another, there is no need to give up in despair. Turin is relayed by Milan 1, Genoa, Florence, and Trieste, and of these both Milan 1 and Florence are usually very well received. If, therefore, you find Turin on 263.2 metres jammed, turn first of all to 268.6 metres for Milan 1, and should this station by any chance not be coming in too well, move up to 491.8 metres, where you are almost sure of good reception from Florence.

Help for the Unselective Set

A knowledge of the alternative sources from which important foreign programmes can be received is particularly useful to those who possess rather unselective receivers, or live close to high-powered home stations. Turin, for instance, may be quite unreceivable by those who are within short range of the London, North, or West Nationals, and Milan 1 may be unobtainable by dwellers near the West Regional. Florence, however, is well removed from the wavelength of any of the home stations and should be picked up without much trouble. In many districts Bratislava is overshadowed by the Midland Regional, but the Czechoslovak programmes from Prague are receivable in most places. If you live near the North Regional and find Cologne difficult to receive, look through the programmes in WORLD-RADIO to see whether it is not relaying or being relayed by Leipzig or some other German station.

Worn-Out Valves

Many people have the idea that until a valve burns out, blows up, or otherwise meets a violent end it is in perfectly good condition for reception purposes. Actually, valves are designed for a working life in the neighbourhood of 1,000 hours, and though many will give much longer service than that, it is always as well to suspect them and have them tested when they have been in use for a year or so. Valves that, though really worn out, still work in some kind of way are responsible for a great deal of the poor reception of which some listeners complain.

SEECUE.

NEWS FROM ABROAD

(From our Correspondents)

Ravag's New Home

In an interview with WORLD-RADIO'S Vienna correspondent, Herr Paul Bellak, Programme Director of Ravag, the Austrian broadcasting service, said that the new Vienna Broadcasting House, which is about to be erected in part of the grounds of the Theresianum College, near the centre of Vienna, will be finished in the spring of next year, and will cost about a quarter of a million sterling. "It is hoped," he continued, "to make it the most modern and up-to-date in Europe. The largest of the many studios will be constructed in such a way that it can be used as an actual theatre. The complete headquarters will take the form of two large buildings, one of which will contain all offices and administrative departments, and the other the mechanical plant and the studios. Minor buildings will accommodate the technical departments. About a third of the site purchased will not be built upon yet."



WOMEN TELEVISION ANNOUNCERS.—Fräulein Patzsche (left) and Fräulein Beck in the Berlin television studio

Illegal Listening in Austria

Under a new Austrian law, owners of receiving sets are obliged to take great care in allowing persons who are not members of their own families to listen. If they allow them to listen to any broadcast from abroad, or even from any point in Austria which may be considered "hostile" to Austria, they are liable to heavy fines, up to nearly £100, or to imprisonment up to three months. The owner and his family may listen to any programme, but "hostile" broadcasts must be inaudible to other persons.

Representative Plays from France

Arrangements have been made with the directors of the French State subsidised theatres for the transmission of eighty performances per annum. M. Georges Mandel, the Minister for P.T.T., has also requested M. Charles Dullin, director of the Théâtre de l'Atelier, to organise twelve dramatic performances for broadcasting, among which will appear the following, representative of various styles of theatres: Greek Theatre: *Agamemnon* (Æschylus); French Classical Theatre: *Cinna* (Corneille) and *Britannicus* (Racine); Spanish Theatre: *Le Médecin et son honneur* (Calderón); English Theatre: *Volpone* (Ben Jonson); Modern French Theatre: *Voulez vous jouer avec moi?* (Marcel Achard). These performances will take place at fortnightly intervals.

Listeners' Elections Postponed

In deference to complaints made in several quarters, the election of listeners' representatives to the Boards of Administration of the State stations has been postponed until May 19 next.

Eiffel Tower's Range

Reports received by the French authorities indicate that the range of the Eiffel Tower has been considerably reduced, and many places where it was formerly heard well either do not receive it at all or receive it only feebly.

The President's Home Described

A radio-reporter has been permitted to make a tour of the Elysée Palace with his microphone, and a record has been made of the description of the home of the French President; the broadcasting of which was arranged to take place on April 15. It is hoped to make a similar record of the Matignon Hotel, now the home of French Prime Ministers.

Papal Benediction to be Broadcast

All Italian stations are to broadcast the Apostolic Benediction which his Holiness the Pope is to pronounce on Easter Sunday from the balcony of the Basilica of Saint Peter. In order that the listening public may witness the ceremony, and also be informed of the exact time of the Benediction, the Pontifical Mass, which will precede it, is also to be broadcast.

Romanian Officials' "Hour"

A series of broadcasts consisting of instructions and lessons in public administration has been initiated by the Romanian Minister of Internal Affairs, M. Inuletz. The broadcasts, which occupy an hour each Saturday evening, began on April 6, when the King of Romania spoke to the administrative personnel of the country. He greeted the prefects of the counties and towns and other officials, and expressed his recognition of their work. The Minister, in his talk, referred to the equipment of the prefectures and municipal offices with good receiving sets. The administration personnel in all villages and towns are expected to assemble to listen to the Ministerial communications made during the broadcasts.

"Relayed from Cluj"

Up to the present, the Bucharest broadcasting station has not transmitted programmes from other Romanian cities, owing to the absence of the necessary connexions. In view of the fact, however, that there are several big cities—Jassy, Braila, Constanza, Craiova, Cluj, Timisoara, Oradea—which could occasionally supply interesting material for listeners, the management of the Radio Corporation has resolved to link these cities with special lines. The first city to receive attention is Cluj, the capital of Transylvania, which will also be equipped with a special studio, a disused theatre having been hired for the purpose. The authorities hope to complete their "network" by September next.

South American Co-operation

It is reported that Chile's delegation to a forthcoming International Radio Congress, which will be held in Buenos Aires, will urge complete agreement among Latin-American Republics on broadcasting. Different wavelengths will be proposed for stations that cause interference, and uniform methods and other technical details will be studied with the object of bringing South America's broadcasting up to date. Statements of any description that might prove detrimental in international relations would be barred under the Chilean programme.

Viâ Ether

LISTENERS' QUERY SERVICE

Which station was that?

The Alternative Postal Service

In addition to the free service of "Which Station Was That?" printed in these columns, replies to station identification queries can be obtained within forty-eight hours of receipt of details on payment of 6d. per query, in stamps or P.O., accompanied by stamped addressed envelope (marked in left-hand top corner "Postal Query Service"), and coupon as per conditions for "Free Queries."

CURIOUS (Giffnock): (a) WIBWA, Taunton (Mass.); W2AMM, Schenectady (N.Y.); W2AND, Bohemia (N.Y.); W2KR, Flushing, Long Island (N.Y.); W2MB, Clifton (N.J.); W2GSH, Nutley (N.J.); W3AC, Montague, Sussex County (N.J.); W3BBO, Washington (N.J.); W2HFS, Mount Vernon (N.Y.); W9DAS, Marble Rock (Ind.); (b) G2JC, Gorton, Manchester; G2AD, Woolwich; G2NQ, Wednesbury (Staffs); G2XU, Bristol; G2XV, Cambridge; G2XO, London, W.9; G2QM, Bradford; G5HK, Sheffield; G5KG, Mansfield (Notts); G5GA, Canterbury; G6YU, Coventry; G6DL, Yardley, Birmingham; G6XR, Coventry; G6PL, Heckmondwike (Yorks); G5PP, Coventry; G2QU, Glasgow; G2MV, Old Coulsdon, Surrey; (c) apparently CTIGO, Lisbon (48.4 m.); (d) sixth harmonic (48.1 m.) of Rennes-Bretagne, on 288.6 m., relaying Paris PTT at the time; (e) FXB, Beyrouth Khaldé (French Levant), 22.61 m.; FXC is on 37.57 m.; WKL, Rocky Point (N.Y.), 33.56 m.; possibly you received an harmonic of the latter. P.W.X. (Doncaster): VK3LR, Lyndhurst (Victoria), 31.32 m.; apparently a special transmission. **BEZIERIS (Worthing):** The geographical position of Béziers is: 03° 13' 00" E.; 43° 21' 00" N.; times of transmission (G.M.T.): 7.15 p.m.-8.30 p.m. (Sun.); 11.30 a.m.-12.30 p.m., 7 p.m.-9 p.m. (Mon., Tues., Thurs., Fri., and Sat.); 12 noon-1.30 p.m., 6 p.m.-10 p.m. (Wed.); other transmission heard was a "break through" of Brighton police transmission, GTN (149.7 m.). R.M.C.B. (Glasgow); **GILLS OF WINE (Greenock):** WTIC, Hartford (Conn.), 288.3 m. **JUBILEE (Dumfries):** (1) WCAU, Philadelphia (Pa.), 256.4 m.; (2) WTAM, Cleveland (Ohio), 280.2 m. **CORK (I.F.S.):** Madrid, EA17; selection from "Mignon" (Thomas). **ONDES COURTES (Malta):** HJ4GA, Medellín (Col.), 25.61 m. **DAR-DIT (Wallasey):** GKTS, s.s. "Dunrobin." **HOPELESS DX'ER (Llandaf):** GGB, South Bishop Lighthouse, 942 m.; GGG, Round Island Lighthouse, 1,019 m.; GGC, Mull of Cantyre Lighthouse, 1,008 m.; GGI, Lundy Island Lighthouse, 942 m.; GSM, Start Point Lighthouse, 960 m.; MMF, North Foreland Lighthouse, 1,008 m.; GFM, Mountbatten Aeradio. **WOGGIE (Berkhamsted):** (1) PAODK, Bergen-op-Zoom (Holland); (2) G5HB, Durkai, Nr. Wakefield (Yorks); G5NW, Broughty Ferry, Dundee; G2RF, Liverpool; G2IL, Bassett, Southampton; G2IP, Bristol; G6LL, Clapton, E.6; G6PY, Barnsley, Yorks. **YENDA (Birmingham):** LR6, La Nación, Hurlingham (Buenos Aires), 344.8 m. **MAYBIRD (Wantage):** WBZ and WBZA, Boston (Mass.), 302.8 m. **ANDY (N.17):** If wavelength correct, WOAI, San Antonio (Texas), 50 kW, 252.1 m., but more likely to have been WCAU, Philadelphia (Pa.), 50 kW, 256.4 m. **SANDGROUNDERS (Southport):** MMC, Cromer Lighthouse, 1,029 m.; MMF, North Foreland Lighthouse, 1,008 m. **KNOBBIE (Colchester):** Amateur station G5NW, Broughty Ferry, Dundee, Scotland; CJA3 and CJA4, Drummondville (Que.), on 31.15 m. and 28.52 m. respectively; Canadian Marconi Co., Drummondville, Quebec (Ont.). **FLOP (Mitcham):** Regret, cannot trace aeroplanes working with Croydon; yes, airports (for home traffic) work on 862 m. **BAND SPREADER (Blandford):** (1) regret, cannot trace; (2) apparently HP5B, Panama, on 6,030 kc/s; (3) LKJ1, Jeløy (Norway), 31.34 m. **BANTAM (Bexhill-on-Sea):** Sixth harmonic (48.1 m.) of Rennes-Bretagne, on 288.6 m. **QUERIST (Ilford):** (1) no, COC, Havana, 49.92 m.; (2) details too vague to trace; (3) CTIGO, Lisbon, 24.2 m. **DIGGER (Leicester):** Yes, VK2ME, Sydney, received direct on 31.28 m. **REGULAR READER (Leeds 11):** WJZ, New York, 394.5 m. **SPY (Bexley Heath):** VE9GW, Bowmanville (Ont.), 49.26 m., relaying medium-wave station CRCT, Toronto; many thanks for information re Schenectady; (10) CTIGO, Radio Club Portugues, Videnda Zenda, Parede, Portugal; HAS3 and HAT4, Postakiserleti Allomas, IX Gyaly at 22, Budapest, Hungary; (11) PMN, Bandoeng (Java), 29.24 m.; FYR, Lyon T.S.F., France, 25.75 m.; (12) FXB, Beyrouth Khaldé (French Levant), 22.61 m.; FZR2, Saigon (French Indo-China), 31.19 m.; FZR3, also Saigon, is on 18.5 m. **SEARCHER (Leeds 10):** No language stated; if Spanish, COC, Havana, 49.92 m. I.B. (Mansfield Buildings): Madrid EA17; relay from theatre. Proprietary names must not be used as noms-de-plume. B.R.S. 1700 (Bournemouth): (1) apparently HJ4ABF, Medellín (Col.), on 6,600 kc/s; (2) HJ4GA, Medellín (Col.), 25.61 m.; (3) tallies with HJ4ABE, Medellín (Col.), on 50.85 m., relays HJ4ABK (broad-

The Prince of Wales's Appeal
HIS ROYAL HIGHNESS'S appeal last Friday night on behalf of his Jubilee Trust Fund will undoubtedly take a high place among the many notable messages of the kind which have been broadcast. It was delivered in the Prince's always effective manner, and will, I feel confident, have an enormous response. The speech was, of course, relayed throughout the world; and I am glad to hear that reception, so far as it has been reported, was most satisfactory.

Outstanding Transmissions from Italy

On Easter SUNDAY all Italian stations are to broadcast the Apostolic Blessing which his Holiness the Pope is to pronounce from the balcony of the Basilica of Saint Peter in Rome, as well as the Pontifical Mass which precedes it. I find that two more outstanding broadcasts are announced in the Italian programmes for next week. Both are relays from La Scala, Milan, and one of them—WEDNESDAY'S gala performance of *Aida*—will be relayed by what I believe is the greatest number of European stations within my recollection. The performance will be conducted by Gino Marinuzzi, and the principal parts are taken by Gina Cigna, Gianna Pederzini, Giacomo Lauri-Volpi, and Ettore Nava. A new production of Bellini's *La Straniera* is the other relay from La Scala. This will take place on Easter MONDAY, and it will be taken by the North Italian and Berlin stations. Marinuzzi is again the conductor, Cigna and Pederzini are to take the principal feminine parts, and Francesco Merli is the tenor.

The Brussels Exhibition

The official opening of the Brussels International Exhibition by H.M. King Leopold, which takes place at 10.50 a.m. on SATURDAY, April 27, will be broadcast by the Belgian stations. In the evening both Brussels stations are to relay the first concert from the Exhibition Pavilion.

The Kentucky Derby

The Kentucky Derby is an event which is eagerly looked forward to—not only in America. It arouses considerable interest in this country. In connexion with this spring's event it is reported that the officials have set £5,000 as the price they demand for the privilege of broadcasting the proceedings from Churchill Downs. It is a matter of some doubt whether that sum, added to the usual expenses of such a broadcast, will make it possible to bring the annual race to listeners. Formerly, some broadcasting stations have been able to secure commercial sponsors for the Derby programme, but the cost involved this year may make a broadcast prohibitive either for broadcasting stations or sponsors. In that case, countless listeners will suffer keen disappointment.

ETHERVIATOR.

WAVELENGTH DEVIATIONS

The following list shows the deviations of stations as measured at the Tatsfield Checking Station during the past week:—

	kc/s	m.
Tiflis, U.S.S.R.	283.1	1059.6
Hamar, Norway	510.6	587.4
Limoges (PTT), France	895	335
Barcelona EA15, Spain	1019.33	294.3
Binche, Belgium	1487.7	201.6

cast band); morse signal "M" stands for Medellín; address: Cia Radiodifusora de Medellín, Medellín, Colombia; (4) HJ4ABB Radio Manizales, Caixa Postal 175, Manizales, Colombia; HJ4ABN, Caixa Postal 50, Manizales, Colombia. M. CLARKE (Lochee, Dundee); ISIT (W. Hartlepool): KDKA, East Pittsburgh (Pa.), 305.9 m. UPSURLANDER (Birmingham): Yes, Aberdeen. BOGEY (Halifax): Apparently one of the Drummondville (Quebec) commercial transmitters, but cannot trace on 30 m.; are you sure of wavelength? BRS. 1646 (Southampton): Frequencies required are as follows: Nauen: DGY, 17,880 kc/s; DFA, 19,240 kc/s; DFC, 12,985 kc/s; DFM, 19,460 kc/s; DFQ, 18,700 kc/s; DFW, 23.08 kc/s; Bandoeng: PLN, 11,600 kc/s; PLP, 11,000 kc/s; PLQ, 10,670 kc/s; PLU, 9,850 kc/s; Nagoya: JNC, 17,960 kc/s; JNF, 15,720 kc/s; Kootwijk: PCQ, 18,070 kc/s; PCX, 18,710 kc/s; PDP, 9,235 and 9,240 kc/s; PDR, 10,700 kc/s; PDW, 5,920 kc/s; Scheveningen: PCF, 249 kc/s. CANTAB (Norbury): Can trace only the following: G5AX, Scarborough, Yorks; G6LD, Dundee, Scotland; FXD, Beyrouth Khaldé (French Levant), 18.66 m.; for details regarding Italian stations write: Associazione Radiotecnica Italiana, Viale Bianca Maria 24, Milan; OXR, Skamlbak (Denmark), 23.24 m.; WQL, New Brunswick (N.J.), 20.25 m.; PFG, believe Kootwijk (Holland). NIGHT OWL (Bognor): Special relay by Columbia Broadcasting System, not broadcast in England; apparently you heard this through W2XE, Wayne (N.J.), on 19.64 m. DISCOVERY (Bumley): (1) VK2ME, Sydney, direct on 31.28 m.; (2) see reply to NIGHT OWL (Bognor). JOHN WINGROVE (Banstead): (6) would appear to be station testing for calibration of wavelength only; Croydon Aerodrome, 862 m. SHORTIST (S.W.17): PR8, Pernambuco (Brazil), 6,060 kc/s; time in Brazil is three hours behind G.M.T. SHORT WAYER (Portsmouth): (1) apparently fourth harmonic (approx. 56.6 m.) of the German common wave (225.6 m.); (2) HJ1ABG, Barranquilla (Col.), 49.65 m. QUERIST (Crewe): VE9DN, Canadian Marconi Co., Drummondville (P.Q.); W8XAL, Crosley Radio Corporation, Mason, Ohio; CJRO no longer given in latest lists; if CJRC, Royal Alexandra Hotel, Winnipeg, Manitoba. H.F. (S.W.1): (1) HJ2ABA, Tunja (Col.), 48.23 m.; (2) no, would appear to be WIXAL, Boston (Mass.), 49.67 m. NIGHT-HAWK (Galston): (1) would tally with LTI, Rosario (Argentina), 348.6 m.; geographical position: 32° 59' 00" S.; 60° 39' 00" W.; (2) Rennes-Bretagne, which sometimes relays Poste Colonial, F.Y.A. EXPERIMENTER (Tottenham): (1) COH, Havana, 31.8 m.; (2) HJ4GA, Medellín (Col.), 25.61 m.; (3) cannot trace on that wavelength; (4) apparently fourth harmonic (approx. 56.6 m.) of the German common wave (225.6 m.).

AMATEUR TRANSMITTERS

The identity of amateur transmitters may be found in the "Radio Amateur Call Book," the Spring Edition of which can now be obtained, price 6s. 6d., post free, from the Radio Society of Great Britain, 53, Victoria St., London, S.W.1. Copies of the Radio Amateur Handbook (12th Edition), price 5s. post free, may also be obtained from the Society's offices.

STATION IDENTIFICATION PANEL

BRUSSELS (No. 1—FRENCH)

FREQUENCY: 620 kc/s; WAVELENGTH: 483.9 m.
POWER (COPENHAGEN): 15 kW.
DISTANCE AND BEARING FROM LONDON: 200 miles; 102°.
CALL: "Ici Bruxelles I.N.R.!" or "Emission de la Radio Catholique Belge!" or "Emission de la Resef!" or "Emission de la Solidra!" etc., repeated between items.
INTERVAL SIGNAL: First bars of Belgian popular song, "Où peut on être mieux qu'au sein de sa famille?" by Grétry, are given on chimes:—



Man announcer.
Announcements are made only in French.
After an orchestral programme, the station closes down with the National Anthem "La Brabançonne":—



Après des sit-dex d'es-sla-va-ge, le Bel-ge

Esperanto Transmissions

Sunday—Lille PTT Nord, 9.30 a.m., Course. Informoj. Lyons-la-Doua, 9.45 a.m., Course. Monday—Rome and relays, 6.30 p.m., Komunikoj pri la 27-a Universala Esperanto-Kongreso. Tuesday—Huizen (1,875 m.), 6.20 p.m., Course. Radio-Lyons, 6.45 p.m., Course. Wednesday—Sottens, 6.30 p.m., Course. Vienna, 10.45 p.m., W. Mudrak, Aŭstrio katolika ŝtato. Kozlevčar: Anima vizago de Johan Cankar. Thursday—Warsaw, 11.30 p.m., Tad. Hodakowski: Interparolo kun aŭskultantojn Esperanto. Friday—Rome, 6.30 p.m., Vidu lundan anoncon. Nice-Juan-les-Pins, 7.30 p.m., G. Avril: Anekdotokurso por progresantoj. Saturday—Eiffel Tower (206 m.), 4.30 p.m., Le Bacon: La Roche Posay. Hilversum (301 m.), 7.10 p.m., Pr. P. Kryt: Esperantistoj en Kongreso. Lyons-la-Doua, 8.10 p.m., Informoj.

IDENTIFICATION COUPON (No. 323)

This coupon is valid for ONE QUESTION only, and should be cut out and attached to a separate sheet, upon which the following questions should be answered in the order shown. A copy of the answers should be enclosed with FREE queries. No coupon more than one month old is valid. A coupon is not required from readers living in countries outside Europe who desire identification of transmissions.

1. Time and date of reception.
2. Approximate frequency in kilocycles per sec. (or wavelength in metres).
3. Nearest known stations, above and below.
4. Call or interval signal, if heard.
5. Language.
6. Type of receiver in use and strength of signals.
7. Details of programme or signal received.
8. Name and address.
9. Nom de plume. (Proprietary names must not be used.)

Waves Other Than Wireless

It is a well-known fact that light waves and wireless waves are of the same essential nature and differ from each other only as regards their wavelength. There are other "electromagnetic radiations," as these waves are called, some shorter and some longer than light waves, but at present we know of none longer than wireless waves. The real nature of the waves is still a matter of controversy, but it is possible to review their properties, and the applications of those waves which have any, without discussing fundamental theories.

* * *

If a beam of sunlight is passed through a glass prism, the band of rainbow colours which is obtained—called the spectrum of sunlight—contains the colours between violet at one end and red at the other. The difference between these colours is one of wavelength; the violet rays have a wavelength of about 4,000 angstrom (approximately 0.0004 millimetre) and the red rays about twice this. The angstrom is the unit of wavelength for all electromagnetic waves, with the exception of wireless, and it is equivalent to one ten-millionth part of a millimetre.

Infra-Red Rays

Just beyond the deep-red end of the spectrum of sunlight, after the colour has appeared to fade into darkness, is a region of rays known as the "infra-red." These are heat rays, and their wavelength extends from about 7,600 angstrom to about 10,000,000 angstrom. This latter limit is equivalent to one millimetre, which is a wavelength approaching that of short-wave radio and which, in fact, is said to have been used in ultra-short wave radio experiments.

Specially sensitised photographic plates and films afford a means of exploring the region of the infra-red, but at present we are limited to a narrow fringe which lies near visible light in wavelength. In spite of this, infra-red photography has made rapid strides during recent years, and many remarkable photographs have been taken, as, for example, a photograph of an object in a dark room using no source of illumination other than an electric iron; but such photos need, of course, an extremely long exposure.

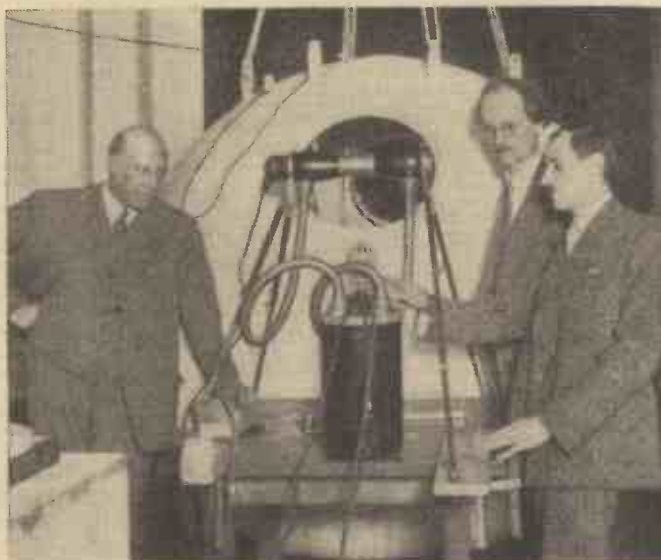
By using infra-red sensitive plates, it is possible to overcome the difficulty of photography in a misty atmosphere and, in fact, an object may be photographed quite clearly in fog even though it is invisible to the eye. The reason for this is that radiations of short wavelength are more easily scattered than those of longer wavelength. Ultra-violet and blue light, for instance, are scattered more easily than orange and red, while infra-red rays are scattered least. It is necessary in such cases to use a deep red filter-glass over the camera lens in order to cut off the short visible radiations which are scattered by the mist particles, and which would appear on the photo as haze. The intensity of illumination is consequently very low, but this can be compensated for by increase of exposure time.

Some wonderful long-distance photographs have been obtained on infra-red plates by reason of the extremely high view points which can be obtained; the enormous amount of mist and dust particles between the camera and the earth precluding the use of ordinary plates. From a height of 20,000 feet A.W. Stevens photographed the Andes at a distance of 295 miles from his camera—the first photo to show definitely the curvature of the earth's surface; while another

photo by the same photographer showed Mt. Shasta, a Californian mountain, at a distance of 331 miles, the world's record in long-distance photography.

Ultra-Violet Rays

At the other end of the sun's spectrum, just beyond the visible violet, is a region known as the "ultra-violet," with a wavelength of from 1,000 to 3,900 angstrom. These rays are present in sunlight and are responsible for the burning of our skin when it is exposed to the sun's rays. The usual method of producing ultra-violet rays is by means of a mercury vapour lamp which consists essentially of a quartz tube containing two electrodes and a quantity of mercury. (Ordinary glass is not permeable to ultra-violet rays). When the lamp is switched on, the mercury momentarily short-circuits the electrodes and itself becomes vaporised. The mercury vapour is a conductor, and the passage of current maintains it in the state of incandescent vapour which emits a greenish



X-rays were used to test the gondola of Professor Piccard's balloon before his second ascent to investigate cosmic rays

visible light in addition to the invisible ultra-violet radiation. The ordinary electric arc produces a small percentage of ultra-violet rays; and by using electrodes of tungsten in place of carbon, the amount becomes appreciable and these lamps are often used for small artificial sunlight outfits.

Mercury vapour lamps have recently been used for illuminating purposes. By surrounding the lamp with a vacuum jacket which conserves the heat and permits the pressure of the mercury vapour to be very high, a very efficient light source is obtained. The light emitted is of a short wavelength and is what is sometimes called a "hard" light, but once one has become accustomed to its peculiar greenish colour it is not at all unpleasant, and for road lighting, the floodlighting of buildings, and even for factory illumination, it is finding increasing favour. There is, of course, no intention of utilising the ultra-violet rays from these lamps, and in any case, they would be almost completely cut off by the glass bulbs which are used.

X-Rays

The simplest method of producing X-rays, which are even shorter in wavelength than ultra-violet rays, is to apply a potential of about 50,000 volts between two electrodes in an evacuated tube. Modern apparatus is, however,

much more elaborate. The tube is evacuated to an extremely high vacuum, and one of the electrodes, the cathode, consists of an electrically-heated filament. The purpose of this filament is to supply electrons, which in the simplest X-ray tube described above, is furnished by the residual air in the tube. The filament is placed in a metal cup which serves to focus the electrons on to the other electrode, known as the target. The voltage employed is usually between 50,000 and 100,000 volts, rectified alternating current, and by controlling this voltage the rays emanating from the tube can be made more or less penetrating.

Certain substances fluoresce—that is, emit a peculiar glow—when acted upon by X-rays, and if the hand is interposed between an X-ray tube and a screen painted with a fluorescent material, the bones will stand out as shadows on the screen, because the X-rays penetrate the flesh more readily than the denser material of the bones. Photographic plates are also affected by X-rays in a similar manner to ordinary light, and the photograph is, in fact, the usual way of working with X-ray apparatus.

Another application of X-rays which has been extensively investigated is therapy. Prolonged exposure to X-rays kills abnormal tissue such as malignant growths, but, unfortunately, it also kills normal tissue (ordinary flesh) and it is often necessary to use some method of subjecting the abnormal growth to more intense rays than those which pass through the surrounding tissue. In addition to medical diagnosis and therapy, X-rays have important industrial applications, and many manufactured articles are given an X-ray examination before being passed for sale.

Radium Rays

Radio-active substances, the chief of which is radium, emit electromagnetic rays known as gamma-rays which are of shorter wavelength than X-rays and possess great penetrating power, being capable of penetrating one foot of iron. Their wavelength varies from about 0.005 to about 0.4 angstrom, and in order to produce the hardest gamma-rays (i.e., the rays of shortest wavelength) by means of an X-ray tube it would be necessary to operate the tube at 2,460,000 volts.

Radium liberates an enormous amount of energy in the form of gamma-rays and two other kinds of radiation. The latter consists not of electromagnetic waves but of electrically-charged particles, and if a glass tube containing a radium compound is hung in a beaker of water, the temperature of the water will slowly rise. One gramme of radium will raise the temperature of a pint of water approximately a quarter of a degree Centigrade in an hour, and will continue to liberate this energy for hundreds of years.

Cosmic Rays

Comparatively little is known about cosmic rays, but it seems certain that they have their origin somewhere outside the earth in the far depths of space, and we know that they are a very penetrating form of radiation and, consequently, are of an exceedingly short wavelength. The question of wavelength is not settled, although it appears to lie somewhere between 0.00038 angstrom and 0.000013 angstrom. In some scientific quarters the view is held that the rays consist of streams of electrified particles and are not really waves at all. Among recent investigations in connexion with cosmic rays, which aroused considerable interest, were those of Professor Piccard, who ascended in a balloon to the stratosphere in an attempt to determine the direction of the rays.

R. C. M.

A WIRELESS ALPHABET

By "Decibel"

Optimum Load.—The value of resistance connected in the anode circuit of a valve so that the power supplied to this resistance by the valve is a maximum for a specified value of distortion. The term is usually applied to the output stage of a receiver where maximum power is required to be supplied to the loudspeaker without audible distortion. A transformer is often employed to transform the effective resistance of a loudspeaker to a suitable value in the anode circuit of the valve.

Oscillation Constant.—The product of inductance and capacity in a circuit. This quantity determines the natural frequency of the circuit, and the individual values of inductance and capacity can be varied without altering this frequency, provided the product remains constant.

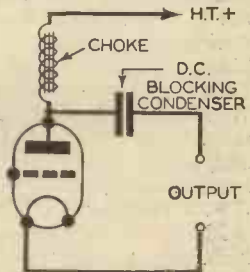
Oscillations.—The high-frequency alternating currents flowing in a circuit are often referred to as electrical oscillations. They may be produced by an outside source or, for example, by suitable connexions of an electrical circuit to a valve. (See Damped Oscillations and Negative Resistance.)

Oscillatory Circuit.—A circuit containing inductance and capacity in which oscillations are produced. (See Natural Frequency.)

Oscillograph.—Apparatus used for examining the waveform of electrical oscillations. (See Cathode Ray Oscillograph.)

Output Choke.—The choke (usually iron-cored) connected in the anode circuit of the output stage of a receiver to prevent the direct current supplied to the anode passing through the loudspeaker.

Output Transformer.—A transformer connected in the output circuit of a receiver or amplifier to



match the impedance of the loudspeaker to that of the valve. (See Matched Impedance.)

Outside Broadcast (O.B.).—A broadcast item which originates at a place outside the studio premises.

Overlap.—(See Backlash.)

Oxide-coated Filament.—Filaments or cathodes of wireless valves are often coated with oxides of barium, strontium, or calcium, to increase the emission of electrons so that adequate electron emission is obtained at low temperatures, thus economising in heating current.

P

Packing.—When the carbon granules in a carbon microphone settle into a more or less compact mass, packing is said to occur and the microphone becomes less sensitive. To prevent packing the microphone is shaken periodically.

Pancake Coil.—An inductance coil wound in the form of a slab or flat spiral.

Paper Condenser.—A fixed condenser having a dielectric composed of waxed paper.

Parallel Connexion.—When two or more pieces of apparatus are connected across a common voltage supply, they are said to be in parallel. The total current supplied to the combination is equal to the sum of the currents flowing through the individual pieces of apparatus. Batteries of the same voltage can be connected in parallel to supply a current equal to the sum of the currents supplied by individual batteries. (See Condensers in Series and Parallel.)



Parallel Feed.—A method of connecting a transformer or other electrical apparatus, for example, a loudspeaker, in parallel with the external anode

circuit of the valve. A condenser is connected in series with the transformer, etc., to prevent the passage of direct current whilst permitting the passage of the alternating signal currents. This arrangement prevents the performance of the transformer, etc., from being interfered with by the steady anode current. (See Output Choke.)

Paraphase.—A form of push-pull amplification in which centre-tapped transformers are dispensed with and a second input voltage, 180 degrees out of phase with the normal one, is obtained by using a paraphasing valve whose grid is connected to a point in the anode circuit of the valve preceding the push-pull stage.

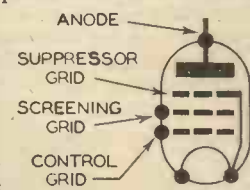
Parasites.—Another term for atmospherics.

P. D.—Abbreviation for potential difference or voltage.

Peak Value.—The maximum value of an alternating quantity. Components used in an electrical circuit have to be capable of withstanding the peak voltage and not merely the average value. Similarly, valves must be capable of handling peak values of voltage, or distortion will be produced.

Peanut Valve.—An early type of dull-emitter valve of small dimensions.

Pentode.—A thermionic valve having 5 electrodes. A screening grid is interposed between the usual control grid and anode to prevent feed-back between the anode and grid circuits as in the 4-electrode screened-grid valve. A third grid, which is usually connected to the cathode, is interposed between the screening grid and the anode to prevent the screening grid having an effect on the anode current, when the anode voltage momentarily becomes comparable with the screening-grid voltage when signals are being received. A pentode has a high amplification factor and can handle relatively large outputs, and is therefore largely employed in the output stage of a receiver. Recently, high-frequency pentodes have been developed for use in high-frequency circuits in place of 4-electrode screened-grid valves whose output is limited by the absence of the third, or suppressor, grid.



Space and Matter

By "NEUTRON"

Beating the Book by Radio

THE applications of radio are many and varied. The latest, which was reported in the daily Press recently, was stopped by the Sydney police on information from wireless officials. Several men were arrested on a racecourse, and one of them had a miniature morse-transmitting set concealed in his clothing. A receiving set was also confiscated outside the course, and apparently the men on the course had been transmitting the results of races to accomplices outside.

An Electronic Organ

In the issue of WORLD-RADIO dated March 29 I gave a brief description of an electronic organ which has been developed in Philadelphia. A reader now informs me that he heard the radio debut of this instrument from the CBS network on Saturday, April 6, at 11.15 p.m., through the short-wave station W3XAU on 49 and 31 metres.

Pigeons and Wireless

In Maurice Maeterlinck's latest book, *Pigeons and Spiders*, it is stated that the directional sense of pigeons is noticeably affected in the neighbourhood of a broadcasting station. This very remarkable statement is borne out by the result of some experiments carried out recently in France in connexion with the pigeon flying services of the Army. Two hundred pigeons were released close to a 200 kW naval wireless station. Some were released prior to a transmission and flew homewards in a normal manner. Others were released during a trans-

mission, and flew round and round the masts and did not make for home until the transmission had ceased. This result is reported to have been very definite, although contrary to the results of experiments carried out some time ago by the late General Ferrié at the Eiffel Tower. Here is a chance for pigeon fanciers to carry out similar experiments to see if further light can be thrown on the mysterious homing instinct possessed by pigeons. I shall be glad to hear of any such experiments. It seems likely that the effect of the transmitter will depend on the wavelength as well as on the power.

Death of Long-Distance Telephony Pioneer
Professor Michael Pupin, of Columbia University, who died last month in New York, at the age of seventy-six, was the inventor of a method of extending the range of telephone communication along lines. He inserted inductance coils at intervals along the line, and these "Pupin coils" have been almost universally adopted and have been largely responsible for the rapid development of long-distance telephony. His first paper on the subject was published in 1899.

Novel Test for Wireless Receiver

It is reported from Hanover that the purchaser of a wireless set on the instalment system failed to continue the payments after the first one. The dealer called to ask for the return of the set, whereupon the wife of the purchaser threw it out of the window, remarking that if they were not to be allowed to keep the set nobody else should have it. A court case followed, but the wife got off on payment of a small fine, on the grounds that the set had sustained no damage, and in spite of its fall worked as well as ever. It is rumoured that the case was exploited to show how well the receiver was built to be capable of withstanding such rough treatment.

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TELLURIUM-LEAD ACCUMULATORS

I HEAR from Messrs. Oldham and Son, Ltd., of Hyde Road, Denton, Manchester, that tellurium-lead is going to play a big part in future accumulator production. They state that it is definitely one of the most important discoveries that have been made in battery research during the past twenty years. It appears that hitherto very little research has been carried out on the actual composition of the lead used in casting the grids. It was generally conceded that antimonial lead—which has been used for many years—was unsatisfactory. It was thought that any future progress in accumulator efficiency would come—not from the composition of the metal used for casting the grids—but rather from improved formulæ for the active material. Metallurgists, however, have recently discovered that the addition of tellurium to lead gives it very remarkable properties. In fact, the makers state, it is no exaggeration to say that when tellurium is added to lead the structure of the metal is radically changed. In much the same way, for example, as when a small amount of carbon is added to iron, steel is produced.

When this discovery was brought to the attention of Messrs. Oldham and Son, their research chemists, immediately realising its importance, set about the task of developing it for radio use. As the result of two years' intensive work, they are now able to prove conclusively that tellurium-lead possesses, among others, the following important advantages: (1) It resists corrosion effects of strong acid. (2) It resists fatigue. (3) It produces remarkably fine and uniform grain. (4) It can be permanently work-hardened.

During the tests of the properties of tellurium-lead, a bullet weighing 11.75 grammes was cast from these metals and was heated to the boiling point in 100 c.c. of 98 per cent. sulphuric acid. This tellurium-lead bullet withstood 17 minutes in boiling acid before being dissolved. A bullet of the same weight cast from ordinary lead was completely dissolved before the acid boiled.

In order to demonstrate the enormously increased strength of tellurium-lead, two pipes of equal bore and wall thickness ($\frac{3}{16}$ in. internal diameter, $\frac{1}{8}$ in. wall) were filled with water and sealed. These pipes were then alternately frozen and thawed. After three freezings the ordinary pipe burst. It had expanded only 23 per cent. The tellurium-lead pipe, on the other hand, withstood no less than seven freezings with an expansion of 63 per cent. before bursting. This proves unmistakably the greater ductility and the increased tensile strength of tellurium-lead.

Two 1 in. strips of tellurium-lead and ordinary lead were subjected to a number of hammer blows concentrated at one spot. These two strips were then pulled out in a tensile machine. The ordinary lead, as may be expected, fractured at the spot where it had been subjected to hammering. The tellurium-lead, on the other hand, showed considerably greater tensile resistance and, in fact, did not fracture at the spot where it had been hammered.

From the point of view of the application of tellurium-lead to radio accumulator work, it is obvious that such a combination, because it is much stronger and tougher than ordinary lead, will largely eliminate faults due to buckled plates. Every battery user must be familiar with the accumulator which is rendered useless through buckled or distorted plates. This buckling is due, in most cases, to the softness of the lead plate, and its inability to resist those abnormal stresses which are set up through short-circuiting and other similar causes. In addition to buckling,

other faults may occur in the case of ordinary lead. Minute cracks—due to fatigue—may appear in the plates. These cracks—although almost invisible at first—can soon become serious defects owing to the corrosive action of the electrolyte. Ultimately the active material is permitted to fall away through such structural weaknesses, and the accumulator loses capacity. In other words, it fails to hold its charge.

The makers state that tellurium-lead will overcome most of these defects. The accumulator fitted with tellurium-lead plates will be much less subject to wear and tear—it will withstand far more abuse—and it will hold its charge longer.

Another feature of the new Oldham accumulators is the *capacity clock*. This is a device produced to tell in a reliable manner the "time to recharge." It is well known that the specific gravity of the acid in any accumulator is lowered as the accumulator becomes gradually discharged in use. The Oldham capacity clock makes use of this scientific fact. It consists of a shaped arm, one end of which is pivoted. At the free end is a buoyant air chamber free to rise or fall according to the specific gravity of the electrolyte. This gives an infallible indication of the state of charge of the accumulator.

PHILCO CAR RADIO

I have received from the Philco Radio and Television Corporation of Great Britain, Ltd., Aintree Road, Perivale, Middlesex, particulars of their car-radio installation. This is known as the Philco Transitone Model 11 which is stated to be a powerful and extremely compact single unit superheterodyne receiver. The receiver, the loudspeaker and the new full-wave Philco vibrator are all housed in a single shielded container designed for quick installation on the dashboard of the motor-car. The arrangement is particularly adaptable for small cars and for cars already equipped with a heater. A powerful electrodynamic loudspeaker is mounted in the bottom of the housing. All valves used are the latest Philco high-efficiency valves, designed specially for motor-car work. An automatic volume control is used to give a smooth elastic control which counteracts fading while driving along, and prevents "blasting" of local stations.

The receiver is all-electric, operating entirely from the car accumulator. The whole thing is built securely into the car completely out of sight and out of the way. Nothing is visible except, on the steering column or the dashboard, a neat switch dial, tuning knob and volume control. The aerial is invisibly fitted between the inner and outer roof coverings or, in the case of open cars, in the hood. The installation is supplied complete with suppressors that cut out every trace of interference, whether the engine is idling or turning over at a high speed. Low tension is drawn from the accumulator.

and high-tension current is stepped up by the full-wave Philco vibrator and rectifier.

The price for Philco car-radio is 16 guineas. Installation is quite a nominal cost dependent upon the type of the car. The average cost is between £2 and £4 including the aerial. The following cars have aerials installed and offer Philco car-radio equipment optionally: Chrysler, Citroën, Dodge, Hillman, Humber, M.G., Packard, Rolls-Royce, S.S., Standard, Talbot and Vauxhall.

1,000 RECEIVERS ON A SINGLE AERIAL

Messrs. Kolster-Brandes, Ltd., of Sidcup, Kent, have developed a system of community aerials which enable a number of receivers to work independently from a single aerial wire. The system comprises the "Rejectostat" unit placed between the aerial and a shielded lead-in wire and "Rejectostat" amplifiers. A single amplifier enables an aerial to feed from 10 to 100 receivers, and with ten amplifiers it is possible to work as many as 1,000 receivers from a single aerial wire.

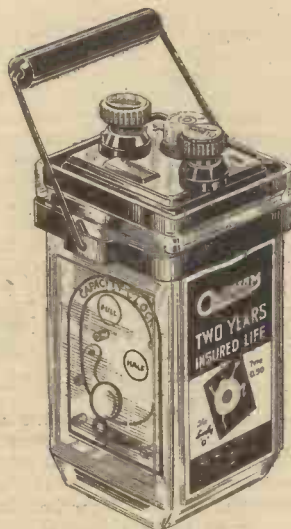
The makers recommend the incorporation of the "community listening aerial system" during the building process, of say, a large block of flats, so that the necessary transmission lines may be run in conduit or ducts in the walls. Where the building already exists, the transmission lines may consist of lead-covered cables and, as these are small in size, they need be no more obtrusive than the internal wiring of the G.P.O. telephone service.

Messrs. Kolster-Brandes inform me that the K.B. 395 "Rejectostat" amplifier utilises an entirely new circuit, whereby the voltages generated in the common aerial are amplified and fed at their original frequencies to the various receiver points through the screened transmission lines. By connecting his receiver to any of the line termination units, a user will be unaware that he has not a full-size interference-free aerial system for his sole use, and this irrespective of the number of receivers actually in use at the time and of the transmission being received. The patented principle employed in the K.B. 395 "Rejectostat" amplifier renders the amplification substantially constant over the two wavebands. The amplifier can be supplied to special order with circuits for attenuating or weakening the signals of the local transmitters. This is desirable where there would be risk of overloading the receivers if these signals were amplified as highly as those of more distant transmitters.

The amplifiers are designed for operation from alternating current at a frequency between 40 and 100 cycles per second. Two models are available for pressure ranges from 100 to 130 volts and from 200 to 250 volts respectively. Special models for non-standard voltages and frequencies are built to order at extra cost. Full particulars from the makers.

A NEW EDISWAN POWER VALVE

Messrs. Edison Swan Electric Co., Ltd., announce the release of a new 60-watt power amplifying valve designed for large outputs. The filament is of thoriated tungsten, and the anode is of pure graphite. This latter enables a high dissipation of heat to be radiated from a comparatively small bulb. The anode, it is stated, never attains red heat, as is the case with metal anodes. Also absence of warping in use assures constancy of performance. The characteristics are as follows: Filament volts, 6. Filament current, 4 amps. (approx.). Anode volts, 750. Amplification Factor, 3. Impedance, 1,200 ohms. The price is £5 10s.



Oldham accumulator with capacity clock

WORLD RADIO RESEARCH LEAGUE: SECRETARY'S ANNUAL REPORT

Organisation of Echo Tests

LAST week I outlined the facts in connexion with the discovery of echoes of long delay. I mentioned a number of papers written on the subject, and now I am wondering how many of my readers have taken the trouble to obtain these papers and study them. Those of you who wish to work on the problem of echoes of long delay, and desire to offer intelligent co-operation, should realise *right now*, that it is no good just playing with the idea, and when further tests take place just listening to a lot of background noises and trying to guess if some of them are echoes. Much more than that is required.

In the first place, one must study the subject seriously. The first step in any research is to find out what has been done up to date and how it was done. In the second place, since in our echo tests we are dealing mostly with morse signals, it means that one has to gain a lot of experience before one can recognise an echo when it occurs.

Maximum Sunspot Activity

It was with this idea of training the members of the W.R.R.L. for the work in hand that I started tests last May. We cannot hope to hear echoes of long delay in any number worth mentioning till about 1939-1940, when we come to the next maximum of sunspot activity. This means that we have some four years in front of us to get used to the signals we have to study. Of course, the maximum of solar activity does not set in overnight, it is a gradual process spread over a number of years.

I am sure that echoes of long delay will be heard well before 1939. At the moment we are near the *minimum* and have started our work under the worst possible conditions. But, it should be realised, that in an investigation of this type negative results are just as important as positive results. We want to know just as much of the periods when echoes do not occur as when they do take place. It would not be a scientific procedure to say: "Well, since echoes will not occur in any numbers till 1939 we shall wait till then and see what happens." Well, let me assure you that with an attitude of this kind nothing will happen, because during that period there will be no experience and no organisation, and the whole thing will once more be left to a few isolated scientists who will know what happens in their immediate neighbourhood, but will be left absolutely in the dark as to the rest of the earth's surface.

It is a big problem and a highly important problem. It can only be solved by such an organisation as the W.R.R.L., carefully guided by a number of live scientists, and carefully trained. It is, therefore, obvious that the usual type of radio enthusiast who can keep his enthusiasm going for about a fortnight and then loses all interest as soon as he meets the first obstacle, is of no earthly use to us. It is this lack of stability that results in so many radio societies being formed on paper and promptly fizzling out at the end of a few months.

I am building something much more solid and stable. I want people who are interested in science, who are constantly studying, who are prepared to do reasonable work, and who will not be bowled over by the first difficulty. Scientists as a class in the past were not very fond of the so-called amateur co-operation. They have been so badly let down by unreliable reports. I am determined to cut out every element of doubt in our work. By now we have pretty well assessed the degree of intelligence and reliability of every member we have. The reports we receive are being classified

accordingly. And the member whose reports cannot be relied upon is bluntly told to devote his energies elsewhere.

Member's Reports of Echoes

You will have noticed in the past that in my reports I have reported echoes of long delay as being heard by various members on a number of occasions. I have done so, after frequent warnings, that I am merely repeating what our members report, and that such reports cannot be taken seriously till a scientific verdict is given. The reason for this procedure is two-fold. In the first place, in order to make the whole thing fool-proof, the scientific observers are working independently of the W.R.R.L., so that we do not know what they are doing and how they are checking our work. My job is to supply reports to the scientists. It is their duty to tell us if we are right or wrong. The number of scientists watching us, owing to the international character of the W.R.R.L.,



Mr. Leslie W. Orton,
President of the Anglo-American Radio
and Television Society and Hon. Liaison
Officer of the W.R.R.L. for New Zealand

is very large and, therefore, it is impossible for me to send each of them a copy of the analysis of reports after every test. The only way I can do this quickly is by publishing such results weekly in my reports. Thus, from week to week every scientist knows what our members are doing. (The foreign official organs translate and publish these reports regularly.) If we are going off the rails we soon know, because I get letters putting me on the right track.

Now, during the period of training, if members did report that on certain occasions they heard echoes, there was no harm done if they were mistaken, as we have a complete check in practically every locality where the mass observers are stiffened by scientifically trained and experienced observers. Such reporting has served a very useful purpose. It has shown in a very definite manner the progress made by individual members. Reports of echoes were numerous at the beginning of the tests, when everybody lacked experience. When members became accustomed to listening to morse signals, reports of echoes dwindled to practically nothing. The reliability has increased tremendously. The training told.

At the present moment we have a large number of people who will know an echo when they come across one. They know what to expect from the background noises while listening. A time will come when a number of members will report simultaneously an echo of long delay that will be confirmed from scientific quarters,

and then we shall know that we have obtained our first reliable result. From then onwards we shall take the problem in our stride within a short time, as we have done in the case of interaction of radio waves.

But in the meantime, please gather as much experience as you possibly can. Listen to as many short-wave stations at long distances as possible and watch for echoes—repetitions of the same signal. Do not get disheartened by lack of positive results. If you are constantly reporting the absence of echoes you are merely confirming Professor Størmer's theory, because this is what he has to say:—

"I warned you as far back as last April, before your tests started, that the results may be negative, as we are a few years away from the maximum of sunspot activity which will occur about 1939-1940. I emphasise the fact that the echoes heard by Hals, van der Pol, Appleton, the French expedition in Indo-China and myself occurred in 1928-1929 during maximum sunspot activity.

"I draw your attention to my letter to *Nature*, dated January 5, 1929, in which amongst other things I stated the following:—

"Echoes constitute a very rare phenomenon and owe their occurrence to a series of favourable coincident circumstances. The wavelength must be the most favourable one, and the emission must be sent out in the right direction and with sufficiently great energy. (A transmitting station in the tropics would probably be better than a station in Holland). The Kennelly-Heaviside layer must be penetrable by the outgoing and returning waves, and must also be favourable for the hearing of both signals and echoes, and the receiving apparatus must be sufficiently sensitive and exactly adjusted. Further, there must be good conditions for hearing without too many atmospheric disturbances and, last but not least, the emission of electrons from the sun must take place in such a way that reflecting surfaces in space outside the orbit of the moon may be formed and may have the most favourable shape for good reflection of the waves."

Results Obtained

Our results up to date show that no *scientifically confirmed* echoes occurred between May 20, 1934 and the present time. Thus, Professor Størmer proved to be right so far.

In his latest letter to me, Professor Størmer says: "It is of great scientific interest to continue the tests of echoes of long delay right into the years of maximum solar-spot activity, making all the necessary arrangements to have echoes, when they occur, recorded scientifically by as many observatories as possible, and not to rely entirely on more or less subjective reports from amateurs. The latter may be right, but without a scientific record it is impossible to check them. Thus, I should strongly recommend that further tests should be made in order to clear up the nature of this puzzling phenomenon." As you see, the nature of our organisation just meets Professor Størmer's points, as from the very beginning we have had rigid scientific check on all reports and shall continue to do so in future.

NOTE.—I am greatly indebted to the Council of the *Chicago Short Wave Club* for the signal honour of electing me an honorary member of the club. I consider this as a compliment paid to the W.R.R.L. as a body, and I beg to express the gratitude and the best wishes of all the members of the W.R.R.L.

RALPH STRANGER.

Next week I shall deal with the echo test transmissions.

Member R.S.G.B. Hon. Member Ligue Universelle de Recherches Radio-Electriques (Belgium). Hon. Member International Dx'ers Alliance (U.S.A.). Hon. Member Anglo-American Radio and Television Society. Hon. Member Chicago Short Wave Club (U.S.A.).

Foreign Languages

FRENCH

Tuesdays, 6.50-7.20 p.m. (National Programme).

A. Remarks on Pronunciation.

The French vowel *u* (Vowel No. 9) as in *du, plume, venu, clôture*, etc., is often used as a consonant; it is then called a semi-vowel. The vowel *u* becomes a semi-vowel when it is pronounced *excessively short*, and is followed immediately by another vowel: Ex. *lui, la pluie, un parapluie, il fait nuit, j'en ai huit, la cuisine, elle est muette*, etc.

If you can make the French vowel *u* correctly, the semi-vowel, as we find it in the above examples, should not present any difficulty. The following method of practice will help you:

Start by saying the vowel *u* several times; then, take a word like *huit* and say it in two syllables, *u-it, u-it*; now quicken up your delivery so as to say the word in one syllable with the stress falling on the *i* and not on the *u*. Repeat the same exercise with *lui, pluie, nuit, muette*, etc.

N.B.—There are two more semi-vowels in French: (a) the short *i* as in *hier, Pierre, bien, chien*, and (b) the short *ou* as in *mouette, Louis, bois, toi, fouet*, etc. . . . However, these two semi-vowels present no difficulty to English students of French, since we use them continually in English in such words as: (a) *yes, yard, onion, Daniel*, etc. . . .

(b) *Well, wall, water, wool*, etc. . . .

B. Key to Exercise B. P. 79, Nelson's First French Course.

(1) Nous attendons notre autobus. (2) Il y a un réverbère près du kiosque. (3) Je vais prendre le tramway qui va à Saint-Cloud. (4) La bonne tient la main du petit garçon. (*La bonne tient le petit garçon par la main.*) (5) Quel tramway prenez-vous? —Je ne prends pas le tramway, je prends l'autobus. (6) Hier, j'ai pris le tramway. Aujourd'hui, je vais prendre l'autobus. (7) L'église que nous voyons a trois portes. (8) La jeune fille qui traverse la rue nous regarde.

C. Key to Exercise C.

Specimen Answers to the Questions.

(1) J'y ai acheté des journaux et des livres. (2) Là voilà sur le trottoir, près de l'agent. (3) Non, elle ne porte pas de souliers noirs, elle porte des souliers jaunes. (4) Oui, il est sur le trottoir (*il y est*). (5) J'attends ma sœur et ses amies. (6) Non, monsieur, je ne vais pas prendre l'autobus, je vais prendre le tramway. (7) Oui, il y a beaucoup de magasins dans cette rue; on en trouve à chaque pas. (8) Oui, je la vois; elle est entre le tramway et l'autobus.

D. Key to Exercise A. P. 131, Course.

(1) Avez-vous perdu la plume que je vous ai donnée hier. (2) Sa sœur a pris les livres que vous cherchez. (3) J'aime la casquette que vous portez. Où l'avez-vous achetée? (4) Voilà la paysanne qui vend des œufs au marché. (5) Ma mère n'est pas à la maison (. . . *n'est pas chez elle*). Elle est sortie à trois heures et demie. (6) Prenez le tramway qui s'arrête en face de l'école. (7) Ses amis viennent goûter chez nous cette après-midi. (8) Prêtez-moi votre parapluie. Je vais sortir pour acheter un journal.

E. Specimen Answers to the Questions. P. 82, Course.

(1) La voici à gauche, sous la tente. (2) Il est en face de la porte, entre les tables. Il a une assiette à la main. (3) Non, madame, elle n'en porte pas; elle a les mains nues. (4) Le voici sur le trottoir, devant le chien; il tient un fouet à la main. Il regarde l'agent. (5) Non, elle ne porte pas une jupe courte, elle porte une jupe longue. (6) Il est au bord du trottoir, près de la jeune paysanne. Non, il ne porte pas de casquette; il porte un képi. (7) Je vais prendre l'autobus. (8) Voilà le wattmann sur le tramway numéro vingt-six. Je ne vois pas le receveur; il est à l'intérieur du tramway.

E. M. STÉPHAN.

GERMAN

Thursdays, 6.50-7.20 p.m. (National Programme). Translation of Poem, Pamphlet, p. 15, Talk III.

That is the thrush that is warbling,

'tis Spring that stirs my heart;

I feel the spirits, that prove themselves gracious,
rise out of the earth.

Life flows like a dream—

I feel* like flower, leaf or tree.

* *Mir ist=Es ist mir*, it is to me (as if I were . . .)

Key to Lesson 26, p. 128. Translation (contd.)

Fusswege (or Fussteige) führen zum Gipfel, und fast an jeder Ecke findet man eine Bank oder ein Restaurant; es ist verboten, die Blumen zu pflücken, die im Walde wachsen. Trotzdem ist Heidelberg ein schönes Städtchen, wo man mehrere interessante Wochen verbringen kann. Der Tourist kann Ausflüge nach hübschen Dörfern machen, auf dem Fluss rudern, im Fluss baden und Tennis spielen. Es gibt viele Hotels, und die Preise sind niedrig. Der Rhein ist nur fünfzehn Meilen entfernt. In den Vororten der Stadt sind Villen, wo die reicheren Leute wohnen.

Test on the Genitive of the relative pronouns. The relative pronoun agrees in gender and number with its antecedent, see Part I, Grammar, Section 189.

1. The man whose son (has) passed the examination (to pass an examination, *eine Prüfung bestehen*). 2. The man whose daughter (has) passed the examination. 3. The man whose children (have) passed the examination. 4. The woman whose son wants (use *wollen*) to become a doctor. 5. The woman whose daughter wants to become a doctor. 6. The woman whose children have fallen ill (to fall ill, *krank werden*). 7. The child whose father is an artist. 8. The child whose mother is an artist. 9. The child whose parents are artists. 10. The people whose garden is (gardens are) very pretty. 11. The people whose cat has (cats have) run away. 12. The people whose house has been sold.

Key to Lesson 27, p. 132 (for advanced study).

A. 1. Die Polizisten sahen dem Wagen nach, der um eine Ecke verschwand. Dann hielten sie einen Wagen an, der gerade vorbeifuhr und stiegen ein. Das Auto, das einem reichen Herrn gehörte, fuhr sehr schnell. Aber das Auto, das von den Polizisten verfolgt wurde, fuhr noch schneller. 2. Die Bücher, die am meisten gelesen werden, sind nicht immer die besten. Viele Bücher, die fast ganz vergessen sind, sind wertvoller. 3. Der Garten, der von der Strasse durch eine Hecke getrennt war, war sehr gross. Ein Beet, das mit Asten bepflanzt war, war besonders schön. Die Sonne, die hinter dem Berg unterging, spiegelte sich in den Fenstern des Hauses.

B. 1. Die von den Lampen beleuchteten Strassen sind hell. 2. Der aus zehn Wagen bestehende Zug fuhr schnell. 3. Der von einem Engländer erfundene Apparat hat eine Zukunft. 4. Wo sind die von uns reservierten Plätze? 5. Der gerade über dem Walde aufgehende Mond schien in den Garten.

Note.—The construction with the relative clause is to be preferred.

Translation (Use the following as a reading text and for translating into English.)

A. 1. Die Hecke, die den Garten umgibt (or Die den Garten umgebende Hecke) ist dick. 2. "Baden verboten." Or Das Baden ist hier verboten. 3. Man kann das Schmelzen des Schnees in der Sonne nicht verhindern. Or Man kann nicht verhindern, dass der Schnee in der Sonne schmilzt. 4. Sie hörte auf zu singen. 5. Ich mag mit meinem Bruder nicht (gern) verglichen werden. Or Ich habe es nicht gern, dass man mich mit meinem Bruder vergleicht. 6. Sprechen Sie nicht von Ihrer Abreise! 7. Er vermied die Schwierigkeit, or Er ging der Schwierigkeit aus dem Wege, indem er aus dem Zimmer ging (or indem er das Zimmer verliess). 8. Wer hat Ihnen von der Trennung der beiden Freunde erzählt? 9. Wir konnten am Welken der Blumen erkennen, dass der Winter nahe war. 10. Er achtete nicht auf das Klingeln (or auf das Läuten der Glocke). 11. Nachdem er den Brief gelesen hatte, sprach er über das Geschäft. 12. Man sollte vor dem Zubettgehen (or vor dem Schlafengehen) nicht zuviel essen. Or Man sollte nicht zuviel essen, ehe man zu Bett geht (or ehe man schlafen geht). 13. Er nahm das Geld, ohne ein Wort zu sagen. 14. Anstatt sich zu amüsieren, studierte er. 15. Sie gefällt mir (or Ich habe sie gern), weil sie so fleissig ist. 16. Man lernt viel von der Unterhaltung mit interessanten Leuten. Or Man lernt viel, wenn man sich mit interessanten Leuten unterhält.

MAX KROEMER.

ITALIAN

(For English listeners to Italian stations, 6.40 p.m. Wednesdays and Fridays)

Notes on Relative Pronouns

CHE (applying to persons and things) is always used in *nominative* (subject) and *accusative* (object) cases (see dictation, Par 1).=

QUALE (*quali*, plural; for fem. and mas. alike) should be used in the other cases, i.e. *genitive*, *dative*, *ablative*, especially in writing, and always requires the definite article (dictation, Par. 2).=

CUI (invariable) a very useful relative pronoun, is often used instead of *quale* (never in the *nominative* case) but the article is omitted (dictation, Par. 3).=

CUI, in the *dative* case, is used without preposition: *Il portiere CUI (al quale) ho domandato le informazioni di viaggio* (the porter to whom I applied for information on travel). CUI, in the *genitive* case, is used without preposition when the noun requires an article: *Maria è una donna LA (di) (CUI) generosità è grande* (Mary is a woman whose generosity is great). (In other words, WHOSE is translated by IL CUI or LA CUI, the article agreeing in gender and number with the object). Dictation given on April 12:

1. *Il cane CHE ha abbaiato* (The dog which barked). *Quale è la cameriera CHE ha spazzato il nostro salotto?* (Which is the maid who swept our sitting-room?). *Questo è il giornale CHE mi interessa* (This is the newspaper which interests me). *Dove sono le signore CHE abbiamo incontrate stamani?* (Where are the ladies (whom) we met this morning?). *Ecco i guanti CHE ho fatto tingere* (Here are the gloves which I have had dyed).

(N.B.—CHE is used for "than" in comparative sentences: *preferisco camminare CHE prendere un taxi* (I prefer to walk than to take a taxi).

2. *Lo scaffale SUL QUALE* (su il quale) *ho trovato il libro è a sinistra della porta* (The shelf on which I found the book is on the left of the door). *Il treno COL QUALE* (con il quale) *è arrivato mio padre è il migliore* (The train with which my father arrived is the best). *Le persone ALLE QUALI* (a le quali) *ho scritto* (The person to whom I wrote).

3. *La signora A CUI* (alla quale) *parlo è più vecchia di me* (The lady to whom I am speaking is older than I am). *Ho un autista DI CUI* (del quale) *sono molto soddisfatto* (I have a driver with whom I am satisfied).

PER CUI means "for this reason" and is generally used instead of "per questa ragione": *Il treno è partito più presto, PER CUI sono venuta in automobile* (The train left earlier for which reason I have come by motor car).—In using the expression "per questa ragione" the conjunction *E* (and) is required, whereas *PER CUI* should merely be preceded by a comma.

Exercise (see English text in WORLD-RADIO, April 12)

Quale è il libro che Lei preferisce leggere la notte? Chi è quella signora? Che libro è questo? Quale treno devo prendere? Questa è la donna alla quale ho dato il vestito. (Sentence No. 5 should have read: This is the woman to whom I gave the dress.) Il quadro che ho comprato era caro. Il treno con il quale Loro sono partiti ieri era un buon treno. Mi dispiace, ma non credo che anderò fuori oggi. La sua camera è molto fredda, è la più fredda della casa. Dante è il più grande poeta italiano. Roma è più cara di Firenze. Questo è il migliore albergo della città. E questo il più bel quadro nella galleria? Quando parte da Roma il migliore treno per Parigi? (note construction of sentence: *when leaves from Rome the best train for Paris?*). Abbiamo comprato i nostri biglietti per l'Opera, e non erano molto cari. Vorrei comprare delle fotografie, per favore. A che ora comincia l'opera? Quale è il cambio oggi? Posso andare fuori adesso? Posso leggere questo libro? Il tempo non è buono oggi, che peccato! Dovremo restare a casa.

CHI, used for persons in interrogative and imperative sentences, may be replaced by the literary form: COLUI CHE, COLEI CHE: *Chi rompe, paga* (He who breaks, pays). *Chi tardi arriva, male alloggia* (He who arrives late is badly housed). *Chi si contenta, gode* (He who who is content (lit. satisfies himself), enjoys life). (The foregoing sentences are proverbs and the literary form is never used.) *Il poeta è COLUI CHE scrive versi* (The poet is he who writes verse). *Mia madre è COLEI CHE traversa la strada* (My mother is she who is crossing the street). *Beati sono COLORO CHE credono in Dio* (Blessed are they who believe in God).

LISA SERGIO.

(For Esperanto Transmissions see page 9)

THE SHORT WAVES

The Short Waves Revisited

WERE Mr. Micawber alive at the present day, his capacity for waiting for something to turn up would commend him as an ideal short-wave listener. By "ideal" I do not mean the man who is happy with regular programmes from one or two reliable stations, but the enthusiast who dreams of wandering round the world in an evening and serving up an entertainment as cosmopolitan as a great circus. These aspiring showmen are never really satisfied, and the best of them refuse to accept disillusionment. Others, like myself, sometimes fall out of the race, until a chance word or experience brings us back, penitent and full of faith. We cannot resist the music of an unfamiliar call-sign. A news-reel picture of Australians surf-riding while Britain shivers is enough to rekindle the old enthusiasm for distant places.

Receiver Design

Returning to short-wave listening after a desertion of eighteen months, I do not find that progress in receiver design during this period has placed me at any serious disadvantage. I feel no diffidence in admitting to the ownership of an o-v-x, since so many other sets of the type are in service, and even still being constructed. Perhaps a screened-grid valve is used in the detector stage, but, otherwise, modern interpretations of the circuit differ only in detail from that of my own three-year-old. And I think that this tendency to limit the number of valves will persist among home-constructors, not only for economic reasons, or to minimise noise level, but because there is a fascination in seeing what results can be obtained with the simplest equipment.

Meanwhile, of course, ample progress has been made in the direction of providing those who must use the short waves or go without wireless entertainment altogether, with real short-wave broadcast receivers, as distinct from the sometimes sketchy compromises of the experimenter. The superheterodyne set has established itself on the high frequencies as the circuit which goes as far as is possible towards combating the vagaries to which they are heir.

Curiously enough, this type of reception is favoured by two widely different classes of short-wave listeners. On the one hand it appeals to the dweller in remote places; on the other, through the medium of converters, it has introduced the pleasures of long-distance listening to many owners of medium-wave broadcast sets.

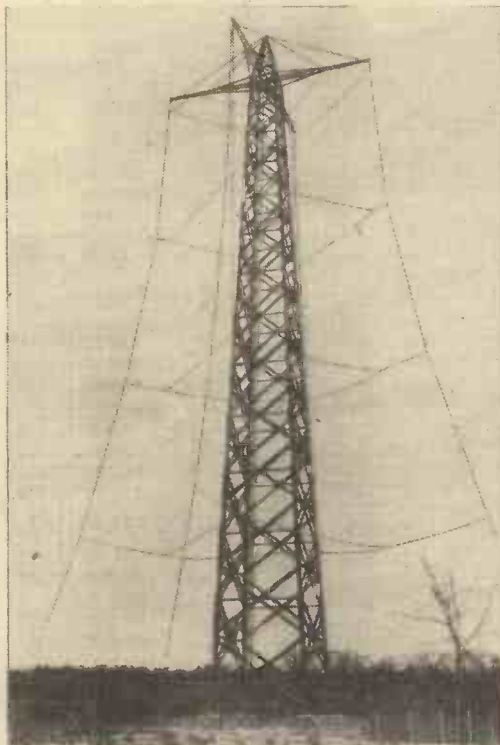
There is great encouragement for those who have always maintained that the short waves can be a source of genuine listening pleasure, in the fact that a certain number of stations now publish their programmes in advance. To-day it is possible to plan much of one's short-wave listening beforehand and, even if this is not done, the published programmes prove a boon when it comes to identifying stations and calibrating new receivers.

Improved Transmissions

As to the sources from which programmes are now available, the most satisfactory recent development is the adoption, by the more important stations, of several wavelengths for different times of the day. Although the various wavelengths used may be associated with directional aerials, it frequently happens that they do, in fact, provide an all-day service for the individual listener. Daventry, Pittsburgh, and Zeesen are cases in point. Many listeners in this country must have enjoyed their first short-wave loudspeaker reception from Zeesen, and its present ubiquity will be popular despite

occasional interference with other stations. Jelöy, which shares a wavelength with DJN, is naturally the chief sufferer, although this station is valuable to those who catch it in the early mornings, before its companion starts work. It is luxury to lie in bed on Sundays and hear it dispense gymnastic and linguistic instruction to the matutinal Scandinavians.

Rome has now moved down from her proud if sometimes problematical isolation on 80 metres to occupy two regular frequencies and a third for tests in a lower range. But it seems a pity that this station does not give a more extensive service. Further transmissions in the daylight hours would help to earn for the short waves the goodwill of the listening public in general, for at this period they are often the only satisfactory link with the Continent.



The omni-directional aerial of the Zeesen short-wave station

Going further afield, there are many to whom I shall sound a heretic when I remark that Bound Brook and Pittsburgh are probably more familiar names to newcomers to the short waves than is Schenectady. But it can hardly be denied that W2XAD has declined from its old form, and that its single hour of transmission daily is a meagre allowance. W2XAF is elusive, and by not starting up until 11.30 p.m. for most of the week, perpetuates the idea that listening to America is a "small hour" diversion.

I received the most pleasant surprise I have had for some time when, all unexpectedly, I first tuned in that remarkably consistent and powerful transmission from Rio de Janeiro, PRF5. South America appears to be capturing a leading place among trans-Atlantic broadcasters, and with this appearance of a new country among those furnishing reliable programmes, one begins to wonder about the still conspicuous absentees.

As the most distant point we can hope to reach, as well as for its Imperial associations, I am sure that New Zealand would be welcomed on the short-wave list. The signals which sometimes come over from the telephone station at Wellington justify optimism as to the

success with which an adequately-powered station, possibly using a directional aerial, would be heard in this country. Canada, of course, is represented; but one feels that more programmes from this source would be popular in the home country. Unfortunately, modern economic conditions do not encourage expenditure on the provision of other than essential broadcast facilities, but it is to be hoped that when more prosperous times return the short-wave listener will not be overlooked simply because he has for so long cheerfully made the best of a sometimes scanty service.

B. K. C.

Below 100 Metres

By "METROPOLITAN"

(April 8-14)

CONDITIONS during the week under review have been rather poor owing, in the main, to the very low ionisation levels that have prevailed. Whilst reception of the North American stations has presented some difficulty, particularly those on 19 metres, the South Americans have still continued to provide good signals. Monday, April 8, was apparently the best day of the week. W1XX (31.35 m.) was heard as early as 6.40 p.m., a very steady R6 signal. W2XAD at 8.0 p.m. was the best 19-metre signal at that time, its strength varying from R5-7. Later in the evening W8XX (25.27 m.) was R7 on peaks, but suffered from spasms of deep fading. W8XX (48.86 m.), however, was a good R8 signal, but was marred by the return of RKK.

Tuesday saw a big falling-off in conditions. In the early evening no trace could be found of W8XX (19.72 m.) and only the carrier of W2XAD could be heard, this disappearing by 8.0 p.m. The only stations worthy of mention after 11.0 p.m. were PRF5, who closed down at 11.15 p.m. with a "Very Good Night" in English, and W2XAF, which was quite an intelligible signal at this time. The only stations of note on the 49-metre band were the S. Americans; PRA8 (49.67 m.) being exceptionally strong, but of poor quality owing to modulation hum.

Wednesday saw a slight improvement on the 19-metre band, for at 5.0 p.m. both W8XX and W2XE were intelligible signals, W2XE being somewhat weaker with a high noise level. After midnight W2XAF was the only U.S. transmission of note, having a maximum strength of R7. Bad conditions still prevailed on the 19-metre band on Thursday. Only the carrier of W8XX could be heard, while W2XAD was unintelligible.

There was very little to be heard on Friday, except for the "locals." After 11.0 p.m. the best transmissions were, of course, the S. Americans, YV5RMO (51.28 m.) being one of the strongest signals. Although W3XAL (16.87 m.) could not be found during its scheduled transmission on Saturday afternoon, it was heard at 4.45 p.m. when it was being used for a special transmission. VK2ME was heard at 3.40 p.m. on Sunday—although only of moderate strength—and at 8.30 p.m. W2XAD and W8XX (19.72 m.) were heard at moderate strength.

GUAYAQUIL (ECUADOR)

Call-Sign :	HC2RL.
Wavelength :	45.13 m.
Frequency :	6,668 kc/s.
Power :	0.2 kW.
Opening Call :	"Hello America." Anthem of Ecuador.
Interval Signal :	"Hello America."
Closing Announcement :	Anthem of Ecuador.
Announcer :	Man.
Language used for announcements :	English and Spanish.
Postal Address :	Short-Wave Station HC2RL, Quinta Piedad, Guayaquil, Ecuador, South America, P.O. Box 759, Calle Tomas Martinez No. 307.
(Reception reports are invited)	

SHORT-WAVE BROADCASTING STATIONS

In response to numerous requests this List will be included as frequently as possible. Times of operation are given in B.S.T.

m.	kc/s	kW	Station	Dial Reading	m.	kc/s	kW	Station	Dial Reading
84.67	3543	0.15	Mozambique (East Africa) CR7AA. MON., THURS., SAT., 7.30-9.30 p.m.	.....	42.02	7140	0.3	Manizales (Colombia) HJ4ABB.	.....
75	4000	0.05	Ponta Delgada (Azores) CT2AJ. SAT., 11 p.m.-1 a.m.	.....	41.8	7177	0.5	Lobito (Angola) CR6AA. WED., SAT., 8.30-10.30 p.m.	.....
73	4110	0.5	Quito (Ecuador) HCJB. 1-4 a.m.	.....	38.48	7797	20	Radio Nations (Switzerland) HBP. SAT., 11.30 p.m.-12.15 a.m.	.....
70.2	4273	20	Kharbarovsk RV15. 7 a.m.-3 p.m.	.....	37.33	8035	10	Rabat (Radio Maroc) CNR. SUN., 9-11.30 p.m.	.....
67.11	4470	1	Sourabaya (Java) YDB. 10.30 a.m.-3.30 p.m. (SAT. to 5.30 p.m.)	.....	32.88	9134	20	Budapest (Hun'y) HAT4. SUN., 12 m'nt-1 a.m.	.....
58.31	5145	..	Prague OK1MPT. Experimental.	.....	31.8	9428	..	Havana (Cuba) COH. 4-6 p.m.; 11 p.m.-1 a.m.; 2-4 a.m.	.....
52.7	5692	0.5	Tananarive (Madagascar) FIQA.	.....	31.58	9501	15	Rio de Janeiro PRF5. 11.30 p.m.-12.15 a.m.	.....
51.28	5850	..	Maracaibo (Venez.) YV5RMO. 11 p.m.-3 a.m.	.....	31.55	9510	15	*Daventry GSB.	.....
50.42	5950	0.05	Medellin (Colombia) HJ4ABE. D'ly, 5.30-6.30 p.m. ex. MON., WED., FRI., 12.30 a.m.-4 a.m. TUES., THURS., SAT., 1.15-5 a.m.	.....	31.54	9518	1.5	Melbourne (Australia) VK3ME. WED., 11 a.m.-12.30 p.m.; SAT., 11 a.m.-1 p.m.	.....
50.26	5969	10	Vatican City (Italy) HVJ. Daily, 8-8.15 p.m. SUN., 11 a.m.	.....	31.48	9530	40	Schenectady (N.Y.) W2XAF. 11.30 p.m.-4 a.m.; SAT., 7-10 p.m. 11.30 p.m.-5 a.m. (from Apl. 28)	.....
50.16	5980	0.2	Santo Domingo (D.R.) HIX. D'ly at 1 p.m. WED., SAT., 2.8 a.m.; SUN., 1.38 a.m.	.....	31.45	9540	1	Jeløy (Norway) LKJ1. 11 a.m.-2 p.m.	.....
50	6000	20	Moscow RW59. 9 p.m.-12 midnight.	.....	31.38	9560	5	Zeeseen (Germany) DJN. 9.45 a.m.-1.15 p.m.; 2-5.30 p.m.; 11.5 p.m.-4.30 a.m.	.....
49.96	6005	4	Montreal VE9DN. 4.30-5 a.m.	.....	31.36	9565	5	Zeeseen (Germany) DJA. 2-5.30 p.m.; 11.5 p.m.-3.15 a.m.	.....
49.92	6010	1.6	Bogotá (Colombia) HJ3ABH.	.....	31.35	9570	4.5	Bombay VUB. SUN., 2.30-4.30 p.m. WED., THURS., SAT., 5.30-6.30 p.m. (Irreg. MON.)	.....
49.85	6018	0.09	Havana (Cuba) COC. 3.30-7 p.m. 10 p.m.-1 a.m. SUN., 5.30-6.30 a.m. also.	.....	31.32	9580	10	Springfield (Mass.) W1XX. 12 n'n-6 a.m.	.....
49.83	6020	5	Singapore (S.S.) ZHI. MON., WED., THURS., 12 m'nt-2.30 a.m.; SUN., 4.40-6.10 a.m.	.....	31.28	9590	15	*Daventry GSC.	.....
49.75	6030	0.1	Zeeseen (Germany) DJC. 11.5 p.m.-4.30 a.m.; 6-10.30 p.m.	.....	31.27	9595	0.6	Lyndhurst (Victoria, Australia) VK3LR. Daily (ex. SUN.), 9.15 a.m.-1.30 p.m.	.....
49.67	6040	5	Panama City HP5B. Daily 6-7 p.m. and 2-4.30 a.m.	.....	31.25	9600	1	Philadelphia (Pa.) W3XAU. 5 p.m.-12 m'nt.	.....
49.59	6050	15	Boston (Mass.) W1XAL. SUN., 10 p.m.-12 m'nt; WED., FRI., 12.30-1.45 a.m.	.....	31.13	9637	20	Sydney (Australia) VK2ME. SUN., 7-9 a.m.; 11 a.m.-3 p.m.; 3.30-5.30 p.m.	.....
49.5	6060	10	*Daventry GSA.	.....	31	9677	0.5	Radio Nations (Switzerland) HBL. SAT., 11.30 a.m.-12.15 p.m.	.....
49.4	6072	0.25	Cincinnati W8XAL. 12 n'n-1 a.m.; 4-6 a.m.	.....	30.43	9860	20	Lisbon (Portugal) CT1AA. TUES., THURS., SAT., 9.30 p.m.-12 m'nt.	.....
49.33	6080	0.5	Nairobi (Kenya) VQ7LO. SUN., 5-8 p.m. MON. to FRI., 11.45 a.m.-12.15 p.m. and 5.30-8.30 p.m. TUES. and THURS., 2.30-3.30 p.m. SAT., 5.30-9.30 p.m.	.....	29.04	10,330	9	Rome (Italy) 2RO. Daily 3.30-6 p.m.; MON., WED. and FRI., 8.45-10.15 p.m.	.....
49.3	6085	1	Philadelphia (Pa.) W3XAU. 1-4 a.m.	.....	28.98	10,350	0.2	Lisbon (Portugal) CT1CT. THURS., 9-11 p.m.; SUN., 12 noon-2 p.m.	.....
49.26	6090	0.5	Skamlebaek (Denmark) OXY. 7 p.m.-1 a.m. SUN., 5 p.m.	.....	25.65	11,695	2	Madrid (Spain) EAQ. 11.15 p.m.-1.30 a.m.; SAT., 7-9 p.m. also.	.....
49.2	6097	5	Vienna Experimental OER2. D'ly (ex. SUN.), 3-11 p.m.; SAT. 3 p.m.-12 m'nt.	.....	25.6	11,720	10	Ruysselede (Belgium) ORK. 6.30-8 p.m.	.....
49.18	6100	15	Chicago (Ill.) W9XAA. SUN. 7-8.30 p.m.	.....	25.53	11,750	15	Buenos Aires LSX. Daily, 9-10 p.m.	.....
49.1	6110	0.5	La Paz (Bolivia) CP5. 1.45-3.15 a.m.	.....	25.49	11,770	5	Caracas (Venezuela) YV3RC.	.....
49.08	6112	0.25	Rome (Italy) 2RO. MON., WED., FRI., 7-8.30 p.m.; 12 m'nt-1.30 a.m.	.....	25.45	11,790	5	Winnipeg CJRX. D'ly, 12 m'nt-5 a.m.; SAT., 9 p.m.-6 a.m.; SUN., 10 p.m.-3.30 a.m.	.....
49.02	6120	1	St. John (New Brunswick) VE9BJ. Daily, 12 m'nt-1.30 a.m.	.....	25.4	11,810	9	Radio Colonial (Paris) FYA. 1 a.m.-4 a.m.; 5-7 a.m.	.....
48.94	6128	1	Bowmanville (Canada) VE9GW. MON., TUES., WED., 8 p.m.-5 a.m.; THURS., FRI., SAT., 12 noon-5 a.m. SUN., 6 p.m.-2 a.m.	.....	25.29	11,860	15	*Daventry GSD.	.....
48.92	6132	0.18	Johannesburg (S.A.) ZTJ. (Experimental).	.....	25.27	11,870	40	Zeeseen (Germany) DJD. 6-10.30 p.m.	.....
48.86	6140	40	Bound Brook (N.J.) W3XAL. MON., WED. and SAT., 10-11 p.m. SAT. 5-6 a.m.	.....	25.23	11,880	10	Boston (Mass.) W1XAL. 11 p.m.-12.30 a.m.	.....
48.78	6150	0.5	Chicago (Ill.) W9XF. D'ly (ex. SUN.) 2-3 p.m. and 6-7 p.m. (SAT. to 7.30 p.m.)	.....	25	12,000	20	Rome (Italy) 2RO.	.....
48.4	6198	0.35	*Daventry GSL.	.....	24.83	12,082	0.5	Wayne (N.J.) W2XE. 8-10 p.m.	.....
47.5	6316	..	Calcutta (India) VUC. D'ly 8.6-9.6 a.m.; Irreg. 2.6-5.36 p.m. (SAT. from 1.36 p.m.)	.....	24.2	12,396	0.35	*Daventry GSE.	.....
47.05	6375	..	SUN. 5.36-8.36 a.m.; Irreg. 1.36-4.36 p.m.	.....	23.39	12,830	10	Pittsburgh W8XK. 9.30 p.m.-3 a.m.	.....
46.69	6425	18	Halifax (N.S.) VE9HX. 2-4.30 p.m.; 9 p.m.-4 a.m.	.....	22.94	13,075	..	Radio Colonial (Paris) FYA. 5.15-8.15 p.m.; 9 p.m.-12 m'nt.	.....
46.52	6447	0.3	Caracas (Venezuela) YV2RC. Daily (ex. SUN.), 5-7.15 p.m.; 11 p.m.-3.30 a.m. SUN., 7.30 p.m.-4.30 a.m.	.....	19.84	15,123	10	Moscow (Russia) RW59. SUN., 4-5 a.m.; 12 noon-1 p.m.; 4-5 p.m.	.....
46.15	6500	0.1	Caracas (Venez.) YV3RC. 9.30 p.m.-2.30 a.m.	.....	19.82	15,140	10	Lisbon (Portugal) CT1CT. SUN., 2-4 p.m.; THURS., 8-9 p.m.	.....
46.1	6508	0.5	Parede (Portugal) CT1GO. SUN., 4.30-6 p.m., Daily (ex. TUES.), 12.20-1.30 a.m.	.....	19.74	15,200	5	Parede (Portugal) CT1GO. SUN. 3-4.30 p.m. TUES., THURS., FRI., 6-7.15 p.m.	.....
45.38	6610	..	Santo Domingo (D.R.) HIZ.	.....	19.72	15,220	18	Rabat (Radio Maroc) CNR. SUN., 1.30-3 p.m.	.....
45.31	6620	..	Caracas (Venez.) YV4RC. 10.30 p.m.-4.30 a.m.	.....	19.68	15,243	10	Suva (Fiji) VPD. D'ly (ex. Sun.) 6.30-7.30 a.m.	.....
45	6667	0.2	Parede (Portugal) CT1GO. SUN., 4.30-6 p.m., Daily (ex. TUES.), 12.20-1.30 a.m.	.....	19.67	15,250	5	Vatican City HVJ. 11 a.m.; 4.30-4.45 p.m.	.....
					19.66	15,260	10	*Daventry GSF.	.....
					19.64	15,270	1	Zeeseen (Germany) DJB. 6.30-8.0 a.m.	.....
					19.63	15,280	5	Pittsburgh W8XK. 2-9.15 p.m.	.....
					19.56	15,330	20	Eindhoven (Holland) PCJ. Experimental. TUES. 9.0 a.m.-12.0 noon; WED. 1-5 p.m.	.....
					19.52	15,370	20	Radio Colonial (Paris) FYA. 1-5 p.m.	.....
					17.33	17,310	20	Boston (Mass.) W1XAL. 3.50-6.30 p.m.	.....
					16.89	17,760	5	*Daventry GSI.	.....
					16.88	17,770	23	Wayne (N.J.) W2XE. 4-6 p.m.	.....
					16.87	17,780	15	Zeeseen (Germany) DJQ. 5.30-7.0 a.m.	.....
					16.86	17,790	10	Schenectady W2XAD. Daily, 7.30-8.30 p.m. 8-9 p.m. (from Apl. 28)	.....
					13.97	21,470	10	Budapest (Hungary) HAS3. SUN., 3-4 p.m.	.....
					13.93	21,530	10	Bound Brook (N.J.) W3XL. 4-10 p.m.	.....
					13.93	21,540	40	Zeeseen (Germany) DJE. 2-5.30 p.m.	.....
								Huizen (Holland) PHI. D'ly (ex. Tues., Wed.) 2.30-4.30 p.m.; SAT. to 5.30; SUN. to 5.10 p.m.	.....
								Bound Brook (N.J.) W3XAL. D'ly (ex. SUN.), 2-3 p.m. TUES., THURS., FRI., 8-9 p.m.	.....
								*Daventry GSG.	.....
								*Daventry GSH.	.....
								*Daventry GSJ.	.....
								Pittsburgh W8XK. 12 noon-2 p.m.	.....

* For transmission times see Short-Wave Programmes.

Short-Wave News Reel

Spain via Buenos Aires

SOMETHING unusual was promised when, at 10.50 p.m. on Sunday, April 7, I found LSX Buenos Aires (28.98 m.) retransmitting the programme of EAQ, with frequent interruptions for the operator to inquire anxiously, "Allo, 'allo, Madrid?" Madrid EAQ, apparently unconscious of being so urgently sought, announces in English, "The next item will be a paso doble." This, however, is not to the liking of our friend in Buenos Aires, who immediately shuts off the retransmission but continues his urgent appeal to Madrid, his voice registering in quick succession impatience, eagerness, and—as contact is made—exultation. A series of staccato sentences from each end was followed by the EAQ announcer informing listeners to Radio Belgrano, Buenos Aires, that they were to hear a special transmission from Madrid, and giving a short résumé of the programme. Thereafter the LSX operator, relenting, brought the EAQ programme on the air again, enabling me to listen for an hour to a typically Spanish "fête musicale," whilst taking notes on reception from both sides of the Atlantic. Strength from each station was R8, but quality on LSX deteriorated later.

Stromness, Orkney. J. D. M.

Cavalcade of Farm and Home

In response to numerous invitations during the previous week, I duly tuned in to W8XK (19.72 m.) at 5.30 p.m. on Monday, April 8, to hear the 2,000th National Farm and Home Hour. A special anniversary programme had been prepared, and, after the familiar signature march and an overture by the Home Setters, the announcer introduced the "Cavalcade of the Farm and Home."

The first person to speak was the first musical director, who had directed the orchestra of only five members on October 2, 1927. The original theme song was then played by the present orchestra of twenty-five. A list of the important functions visited by the Farm and Home microphone was read, followed by messages from the presidents of the organisations to which certain days of the month are devoted—such as the National Grange and the American Farm Bureau. As an intermission the Home Setters played Ferde Grofe's "Mardi Gras," which was followed by the theme songs of the special monthly "hours," some of which were compositions of Walter Blaususs, the present director. The Songfellows singing the "Rangers Song" introduced the popular Forest Rangers, who are heard each Friday, and then the staff of the "Farm and Home Bugle," the only unpublished newspaper, were introduced.

The microphone switched to Washington, where members of the Department of Agriculture greeted the Farm and Home. Back again to Chicago for "Manhattan Masquerade," a piano solo, and finally to New York, where the first director of the daily programme, Frank Mullen, spoke, to be followed by Mr. Richard Patterson, Vice-President of the N.B.C., both of whom thanked the Farm and Home for what it had done, and for what they hoped it would continue to do. A familiar quotation of Abraham Lincoln's, a stirring march, and "lots of good luck, everybody," concluded a memorable hour.

Builth Wells, Wales. R. M. J.

"Popular Trains"

At 11.40 p.m. on Friday, April 12, a talk was given from Rome (49.3 m.) by H. E. Antonio Stefano Benni, Italian Minister of Transport, on "Popular Trains." The "Popular Trains" were first organised in August, 1931, and in the first year there were 460,000 travellers who were carried a total of 113,000 train miles. Last year the number of travellers had increased to 1,300,000. The trains travel to all parts of the Italian Peninsula. Many trips are organised from Milan to Venice, Turin, Genoa, Rome and the various lakes. Occasionally they are run to such interesting places as Pompeii. With the co-operation of the steamship companies, trips are now being run from Rome to Sardinia. These "Popular Trains" are composed entirely of third-class carriages and, owing to the fares being very low, they are always crowded. They enable people of limited means to travel widely "like the English and French." Another important factor about these trains is that they

always arrive at their destination on time. The speaker closed with the remark: "The people appreciate what the Duce is doing for them." H. B. Keighley.

Finding New Talent

This morning (April 1), at 1 a.m., I heard a novel entertainment from W2XAF. It was an hour sponsored by Chase and Sanborn to give new talent a chance—anybody could come to the "mike." If they were liked they were applauded and, if not, a gong sounded and ended their hopes of Radio fame. The New York listeners were invited to "vote" by telephone. In fifteen minutes, 200 telephone calls were received.

The programmes consisted of hill-billies, dance tunes, piano and violin solos. Two Irishmen from Belfast played a selection on the bagpipes and were loudly applauded. Then a Dr. Davenport and a lady of the ripe old age of 110 years came on. She told her life story and said she was born in 1824, and had a son aged ninety-three years living in Madeira. She then played a piano solo. She was followed by a lumber-jack, who sang the Ranger's song from *Rio Rita*, and then four little negro boys—whose ages ranged from ten to fifteen years—sang a negro ditty. The whole entertainment was brought to a close with the presentation to Mayor Bowe, the compère, of the medal for distinguished service to radio. These entertainments are broadcast every Sunday at 8 p.m. E.S.T. or 1 a.m. G.M.T.

Cork, I.F.S. J. F. O'D.

We invite contributions describing interesting events or items broadcast on the short waves. Contributions should not exceed 250 words; they should be clearly marked "Short-Wave News Reel," and must reach us by first post each Monday. Payment of 10s. 6d. will be made for each contribution published.

Short-Wave Reports

SIR,—The following report of Central and South American stations logged on April 7 may be of interest to other readers:—

- 12.33 a.m. TIGP3 (51.55 m.) R6/FR/X. Call and orchestra.
- 12.37 a.m. YV5RMO (51.28 m.) R5/FR/X. Talk.
- 12.53 a.m. HJ1ABB (46.52 m.) R6/FS/X. Woman singing, notes on a gong, and call.
- 12.55 a.m. YV4RC (47.05 m.) R4/FFR/XX. Man singing.
- 12.57 a.m. HJ4ABB (42.02 m.) R5/FR/XX. Woman singing.
- 12.59 a.m. HJ5ABD (46.15 m.) R4/FFR/XX. Man talking.
- 1.5 a.m. COH (31.8 m.) R4/FFR/X. National anthem, call, and tango.
- 1.36 a.m. YV3RC (48.78 m.) R5/FR/X. Bugle call and gong.
- 1.39 a.m. YV6RV (46.1 m.) R8/FS/X. Orchestra and call.
- 1.41 a.m. HJ3ABH (50.17 m.) R8/FS/X. Talk.
- 1.52 a.m. OAX4D (51.87 m.) R5/FS/X. Selection from "A Waltz Dream."
- 2.10 a.m. HP5B (49.75 m.) R6/FR/X. Call in English and orchestra.

Receiver used was SG—v—I with 'phones and outdoor aerial.

Yours faithfully,

Coulsdon, Surrey. L. C. B.

SIR,—I wish to submit extracts from my log of April 6, showing reception of North American stations only, which I hope will be of interest to fellow readers.

- 12.50 a.m. W2XAF (31.48 m.) R9/N/N. Lady Betty Bread advert. Call.
- 3.30 a.m. W3XAU (49.5 m.) R6/S/N. Serenade to a Wealthy Widow.
- 4.0 a.m. W8XK (48.86 m.) R9/N/N. Hank Keene and His Gang.
- 4.45 a.m. W8XAL (49.59 m.) R7/SS/X. Mell Snider and his orchestra.
- 6.0 a.m. W9XF (49.18 m.) R5/N/XX. Call, dance music.
- 2.0 p.m. W8XK (19.72 m.) R7-3/SS/N. Breakfast Club.
- 4.50 p.m. W2XE (19.64 m.) R8/SS/N. Call in English and Spanish; choir.
- 5.20 p.m. W3XAL (16.87 m.) R8/S/N. Violoncello and soprano.
- 5.30 p.m. W8XK (19.72 m.) R9/S/N. U.S.A. Marine Band.
- 9.30 p.m. W1XK (31.35 m.) R7/N/XXX. Through the studios; call.
- 10.30 p.m. W1XAL (Testing, 11,740 kc/s) R9/N/X. Asking for reports; call.

My receiver is C+SH4, home-built, with 40ft. outdoor aerial. All reception on loudspeaker.

Yours faithfully,

Preston, Lancs. J. G. R.

In response to numerous requests the Short-Wave List on page 16 will be published as frequently as possible.

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Short-Wave Programmes

	Call	ke/s	m.		Call	ke/s	m.
Daventry	GSA	6,050	49.59	Paris (France) (Radio-Colonial)	FYA	(a) 11,720	25.6
Daventry	GSB	9,510	31.55			(b) 11,880	25.23
Daventry	GSC	9,580	31.32			(c) 15,243	19.68
Daventry	GSD	11,750	25.53			(d) 6,140	48.86
Daventry	GSE	11,860	25.29	Pittsburgh (Pa., U.S.A.)	W8XK	(a) 11,870	25.27
Daventry	GSF	15,140	19.82			(b) 15,210	19.72
Daventry	GSG	17,790	16.86	Rio de Janeiro (Brazil)	PRF5	(a) 21,540	13.93
Bombay (India)	VUB	9,565	31.36			(b) 9,501	31.58
		(a) 6,040	49.67			(c) 11,810	25.4
Boston (Mass.)	WIXAL	(b) 11,790	25.45	Rome (Italy)	2RO	(a) 9,637	31.13
		(c) 15,250	19.67			(b) 9,685	49.3
						(c) 6,085	49.3
Budapest (Hungary)	HAS3	15,370	19.52	Ruyselede (Belgium)	ORK	10,330	29.04
Budapest (Hungary)	HAT4	9,134	32.88	Schenectady (New York, U.S.A.)	W2XAD	(a) 15,330	19.56
Caracas (Venezuela)	YV2RC	6,112	49.08				
Caracas (Venezuela)	YV3RC	6,150	48.78				
Caracas (Venezuela)	YV3RC	11,695	25.65				
Caracas (Venezuela)	YV4RC	6,375	47.05				
Eindhoven (Holland)	PCJ	15,220	19.71				
Huizen (Holland)	PHI	11,730	25.57				
Madrid (Spain)	EAQ	9,860	30.43				
Moscow (U.S.S.R.)	RW59	6,000	50				
Moscow (U.S.S.R.)	RW59	12,000	25				
Paredo (Portuguese Radio-Club)	CTIGO	(a) 12,396	24.2				
		(b) 6,198	48.4				

* Electrical Recording.
† Gramophone Records.

SUNDAY, April 21 EMPIRE

Transmission 1 (GSD, GSB), 6.15 a.m.—Big Ben. "Empire Bookshelf." Leonard Gribble. 6.30—Victor Harding (Baritone); O. H. Peasgood (Organ). 7.15—The Story of Easter. 7.40—Rachel Phillips (Pfte.). 8.0—Newsletter; Sports Summary. 8.20—Close.

Transmission 2 (GSG, GSF), 11.0—12.0 a.m.—Big Ben. Service from Liverpool Cathedral. 12.30 p.m.—Northern Orchestra. 1.30—Broadhurst Septet. 2.15—Interlude. 2.25—Newsletter; Sports Summary. 2.45—Close.

Transmission 3 (3.0-6.0 GSE; 3.0-4.45 GSG; 5.0-6.0 GSB), 3.0 p.m.—Big Ben. Evensong. 3.45—Orchestra (Section E). 4.30—London Palladium Orchestra. 5.15—"Easter Day in Jerusalem." 5.30—Newsletter; Sports Summary. 5.50—Gresham Singers. 6.0—Close.

Transmission 4 (GSD, GSB), Part 1: 6.15 p.m.—Big Ben. Newsletter; Sports Summary. 6.30—Belfast Wireless Orchestra. Mary Spencer (Soprano); Nancy Lord (Violin). 7.0—"Easter Day in Jerusalem." 7.15—Percy Heming (Baritone); Thelma Reiss (Cello). 8.0—Service. 8.45—Newsletter. 9.0—Albert Sandler and Orchestra. Thelma Tuson (Soprano). 9.45—Close. 10.0—Big Ben. Part 2 of Handel's "Messiah." 10.45—Epilogue. 10.55—Close.

Transmission 5 (GSB, GSC), 12 midnight—Big Ben. Service. 12.45 a.m.—See 7.0 p.m. 1.0—Empire Orchestra. 1.45—Newsletter; Sports Summary. 2.5—Close.

BUDAPEST (19.52 m.). 3.0 p.m.—Songs. 3.45—News.

BUDAPEST (32.88 m.). 12.0 midnight—Songs. 12.45 a.m.—News; National Anthem.

CARACAS, 3.30 p.m.—Dance Music. 7.30—Music. 8.15—Horse Races. 11.30—Music. 12.30 a.m.—Dance Music. 2.0-4.30—Band.

EINDHOVEN (PCJ), Relays Huizen (PHI).

HUIZEN (PHI), 2.30 p.m.—Announcements. 2.40—Records. 2.45—Talk. 3.5—Violin. 3.15—News. 3.30—Pfte. 3.40—K.R.O. Programme. 4.40-5.0—Violin.

MADRID (EAQ), 11.15 p.m.—News. 11.30—Spanish Music. 11.45—Songs from Madrid (EAJ7). 12.15 a.m.—Talk. 12.45—Light Music. 1.0—Pianoforte Music.

MOSCOW (25 m.), 12.0 noon—English Programme: Talk: Caucasian Health Resorts; Review; Letter-box. 1.0—Spanish Talk. 2.0—Swedish Talk. 4.0—English Programme: Talk: In a former Tsarist Colony; Review; Letter-box. 9.0—German Programme. 10.5—English Programme: Talk: Caucasian Health Resorts; Review; Letter-box. 11.5—German Programme.

MOSCOW (50 m.), 9.0 p.m.—German Programme. 10.5—English Programme: Talk: Caucasian Health Resorts; Review; Letter-box. 11.5—German Programme.

PARIS (Radio-Colonial), (c) 2.30 p.m.—"Miguel Manara"—Mystery Play (de Milosz). Music by Tomasi. (b) 4.15—News. 5.0—Paris (PTT) Programme. 6.0—Review. 6.15—

Talk. 6.30—Letter-box. 6.45—Economics. 7.0—News. 8.0—News. 8.30—To be announced. 10.30—Talk. 10.45—Economics. (a) 12.0—News. 12.45 a.m.—Talk. 1.0—News (English). 1.15—Review. 1.30—Talk. 1.45—Letter-box. 2.0—Records. 4.0—News. 4.30—Talk. 4.45—Letter-box. 5.0—Records. 5.45—News.

PITTSBURGH, (c, d) 6.0 p.m.—Matinee. 6.30—Music Hall. 7.30—Elsie Lichtenstul. 7.45—While the City sleeps. 8.0—Gruen and Hall. 8.30—Radio Theatre. 9.30—Vespers—Shadyside Church. 10.0—Spartan Triolians. (a, b) 11.0—Roses and Drums. 11.45—Bob Becker Dog Chats. 12.0—Those Three Girls. 12.15 a.m.—Comedy Stars of Hollywood. 12.30—Grand Hotel. 1.0-4.30—Variety. 4.30—Y.M.C.A. Programme. 5.0—Jesters. 5.15—Missionary Broadcast. 6.0—7.0—Orchestra.

PORTUGUESE RADIO CLUB (CTIGO) (b), 5.0 a.m.—Portuguese and Dance Music. (a) 7.0-9.0—Music. 4.0 p.m.—Music. (b) 5.30-7.0—Portuguese and Dance Music.

RUYSSELEDE, 7.30 p.m.—News (Flemish, French). 8.0-9.0—Brussels (No. 1) Programme.

SCHENECTADY, (a) 8.30 p.m.—Music. 9.0—Sketch. (b) 12.0—Catholic Hour. 12.30 a.m.—Variety. 1.0—Drama. 1.15—Miners Quartet. 1.30—Fireside Recital. 1.45—Wendell Hall. 2.0—Amateur Hour. 3.0—Manhattan Merry-go-round. 3.30—Revue. 4.0-5.0—Sketch.

SKAMLEBAEK (OXY), 5.0-6.20 p.m. and 7.0—Close, Kalundborg Programme.

ZEESEN (DJB, DJN), 9.45 a.m.—Announcements (German, English). 10.0—Easter. 10.15—Sketch. 10.30—News (English). 10.45—Variety. 11.30—Records; Schlussus. 11.45—News. 12.0—Music. 1.0 p.m.—News (English).

ZEESEN (DJA, DJN), 2.0 p.m.—Announcements (German, English). 2.15—Easter Programme. 2.30—Fairy Tales. 3.0—Excerpts, "Faust" (Goethe). 4.0—Music. 4.15—News. 4.30—Variety. 5.15—News in English (DJA) and Dutch (DJN).

ZEESEN (DJD, DJC), 6.0 p.m.—Announcements (German, English). 6.15—Easter. 6.30—Easter Play. 7.0—Variety. 7.45—Talk. 8.0—Music. 8.30—Scenes. "Faust" (Goethe). 9.30-10.30—Music.

ZEESEN (DJA), 11.15 p.m.—Announcements (German, Portuguese). 11.20—Easter Play. 11.45—Reading. 12.0—Announcements. 12.15 a.m.—Orchestra. 1.15—News (Portuguese). 1.30—Variety. 2.15—The Flower Show. 2.30—Music. 3.0—See 11.15.

ZEESEN (DJC), 11.30 p.m.—Announcements (German, English). 11.45—Easter. 12.0—Fairy Play. 12.15 a.m.—Orchestra. 1.15—The Flower Show. 1.30—Variety. 2.15—Talk. 2.30—Music. 3.0—Talk. 3.15-4.30—Music.

MONDAY, April 22
EMPIRE

Transmission 1 (GSD, GSB), 6.15 a.m.—Big Ben. "Easter Day in Jerusalem." 6.30—Anna Ginn (Mezzo); Edward Reach (Tenor); Kathleen Levi (Pianoforte). 7.15—"More Nonsense." 8.0—Empire News;

Sports Results. Dairy Produce Notes. 8.20—Close.

Transmission 2 (GSG, GSF), 12 noon—Big Ben. Organ. 12.30 p.m.—See 6.15 a.m. 12.45—Holiday Miscellany. 1.15—Midland Orchestra. 2.15—Ronald Chamberlain (Pfte.). 2.25—Empire News; Sports Results. 2.45—Close.

Transmission 3 (3.0-6.0 GSE; 3.0-4.45 GSG; 5.0-6.0 GSB), 3.0 p.m.—Big Ben. B.C. Dance Orchestra. 3.45—Joseph Shadwick (Violin); Wilfrid Parry (Pianoforte). 4.20—Yeadon Old Prize Band. Ronald S. Wokes (Baritone). 4.45—Red Marley Open Hill Climb. 5.15—Maurice Igor and his Nomad Orchestra. 5.30—Empire News; Sports Results. 5.50—Orchestra (contd.). 6.0—Close.

Transmission 4 (GSD, GSB) Part 1: 6.15 p.m.—Big Ben. Empire News. Dairy Produce Notes. 6.30—Cinema Organ. 7.0—Trial for the Dunmow Flight. 7.45—Band of the R.A.F. College, Cranwell. Arthur Cranmer (Baritone). 8.45—See 4.45. 9.0—B.C. Dance Orchestra. 9.45—Close. Part 2: 10.0—Big Ben. Interlude. 10.5—String orchestra. Mary Jarred (Contralto). 11.15—Empire News. 11.30—Dance Music. 11.45—Close.

Transmission 5 (GSB, GSC), 12 midnight—Big Ben. "Hong Kong to Dartmouth." Lt. Comdr. M. Sherwood, R.N. 12.15 a.m.—Edith Gunthorpe and Cecil Baumer (Pftes). 12.45—"More Nonsense." 1.30—See 4.45 p.m.* 1.45—Empire News. Dairy Produce and Pig and Poultry Notes. 2.0—Close.

CARACAS, 4.30 p.m.—Cookery. 5.0-7.30—Records; Songs. 10.0—Music; Songs. 11.45—For Children. 12.0—Dance Music; Songs. 12.15 a.m.—News. 12.45—Music. 1.0-4.0—Variety.

EINDHOVEN (PCJ)—Relays Huizen (PHI).

HUIZEN (PHI), 2.30 p.m.—Announcements. 2.40—Letter-box. 3.5—Records. 3.15—News. 3.30—Orchestra; Records. 4.35-5.0—Orchestra.

MADRID (EAQ), 11.15 p.m.—News. 11.30—Spanish Music. 11.45—News. 12.0—Catalan Programme. 1.0—Talk. 1.15—Light Music.

MOSCOW (50 m.), 9.0 p.m.—German Talk. 10.5—English Talk; Adult Education—Listeners' Opinions.

PARIS (Radio-Colonial), (b) 8.0 p.m.—News; Exchange. 8.30—To be announced. 10.30—Shipping. 10.45—Government Notes. (a) 12.0—News; Exchange. 12.45 a.m.—Shipping. 1.0—News (English). 1.15—Events. 1.30—Government Notes. 1.45—Sports. 2.0—Records. 4.0—News; Exchange. 4.30—Shipping. 4.45—Government Notes. 5.0—Records. 5.45—News; Exchange.

PITTSBURGH, (c, d) 6.0 p.m.—Fields and Hall. 6.15—Pfte. 6.20—News. 6.30—Farm and Home. 7.30—Virginia Lee. 7.45—Home Forum. 8.15—Music Guild. 8.45—Irving Kennedy (Tenor). 9.0—Human Values. 9.15—Aneurin Bodycombe. 9.30—Dan and Sylvia. 10.0—Betty and Bob. 10.15—Gale Page. (a, b) 10.30—Markets. 10.45—Orchestra. 11.15—Kiddies' Klub. 11.30—Singing Lady. 11.45—Little Orphan Annie. 12.0—News. 12.15 a.m.—Nancy Martin. 12.30—Rud Light Opera. 12.45—

Lowell Thomas. 1.0—Amos 'n' Andy. 1.30-7.0—Variety.

PORTUGUESE RADIO CLUB (CTIGO), (b) 1.20 a.m.—Music. 2.0-2.30—News; Dance Music.

RIO DE JANEIRO (PRF5), 11.30 p.m.—News (Portuguese). 12.0—Talks (Various Languages).

ROME (c) 12.0 midnight—American Hour from Rome. Announcements. Music Talk. Italian Folk Music. Italian Lesson. News (Italian, English).

RUYSSELEDE, 7.30 p.m.—News (Flemish, French). 8.0-9.0—Brussels (No. 1) programme.

SCHENECTADY, (a) 8.30 p.m.—Revolving Stage. 8.45—Mario Cozzi (Baritone). 9.0—Sketches. (b) 12.30 a.m.—News. 12.35—Brevities. 12.45—Music. 1.0—Events. 1.15—Sketch. 1.30—Markets. 1.50—News (Spanish). 2.0—Spanish Programme. 2.30—Concert. 3.0—A and P Gypsies. 3.30—"Music at the Haydn's"—Al Goodman and Orchestra. 4.0—Contented Programme. 4.30—Forum. 5.0—Résumé.

SKAMLEBAEK (OXY), 5.0-6.20 p.m. and 7.0—Close, Kalundborg Programme.

SUVA, FIJI, 4.30-5.30 a.m.—Records.

VATICAN CITY, (b) 11.0 a.m.—Religious Notes (Italian). (a) 8.0 p.m.—Religious Notes (Italian).

ZEESEN (DJB, DJN), 9.45 a.m.—Announcements (German, English). 10.0—Music. 10.30—Cor anglais and Pfte. 10.45—The Inn Valley. 11.30—Music. 11.45—Events. 12.0—Music. 1.0—Talk.

ZEESEN (DJA, DJN), 2.0 p.m.—Announcements (German, English). 2.15—Music. 2.45—Musical Play. 3.15—Events. 3.30—Music. 3.45—Reading. 4.0-5.30—Excerpts, "Parsifal."

ZEESEN (DJD, DJC), 6.0 p.m.—Announcements (German, English). 6.15—News (German). 6.30—Easter Music. 7.0—Orchestra. 8.0—News (English). 8.15—Easter Programme. 8.30—Excerpts, "Parsifal" (Wagner). 10.0—News (German, English).

ZEESEN (DJA), 11.15 p.m.—Announcements (German, Spanish). 11.20—Music. 11.35—News. 12.0—Excerpts, "Parsifal." 1.30—News (Spanish). 1.45—Music. 2.15—Sports. 2.30—Dance Music. 3.0—See 11.15.

ZEESEN (DJC), 11.30 p.m.—Announcements (German, English). 11.45—News. 12.0—Excerpts, "Parsifal." 1.30 a.m.—Sports. 1.45—Music. 2.15—News (English). 2.30—Dance Music. 3.0—News. 3.15-4.30—Dance Music.

TUESDAY, April 23
EMPIRE

Transmission 1 (GSD, GSB), 6.15 a.m.—Big Ben. B.C. Dance Orchestra. 7.0—Sports Talk. 7.15—John Snowden (Cello); Marion Kieghley Snowden (Pianoforte). 7.45—Red Marley Open Hill Climb. 8.0—Empire News. 8.15—Close.

Transmission 2 (GSG, GSF), 12 noon—Big Ben. "Trooping the Colours" 2nd Bn. The Northumberland Fusiliers. 1.0 p.m.—See 7.45 a.m. 1.15—Troxy Orchestra. 2.0—Empire News. 2.15—Speeches from the Shakespeare Birthday Festival luncheon. 2.45—Close.

Transmission 3 (3.0-6.0 GSE; 3.0-4.45 GSG; 5.0-6.0 GSB), 3.0 p.m.—Big Ben. Empire Orchestra. "Amy Wood (Contralto). 4.0—"Meet Dr. Eustace Hailey." Anthony Wynne. 4.15—Interlude. 4.20—Serre Trio. Arnold Matters (Bass-Baritone). 5.15—Dance Music. 5.30—Empire News. 5.45—Dance Music. 6.0—Close.

Transmission 4 (GSD, GSB), Part 1: 6.15 p.m.—Big Ben. Empire News. 6.30—"More Nonsense." 7.15—Wireless Military Band. 8.0—Albert Sammons (Violin); William Murdoch (Pianoforte). 8.45—Shakespeare Programme. 9.30—Organ. 9.45—Close. Part 2: 10.0—Big Ben. Talk: "Freedom." 10.20—Theatre Orchestra. 11.0—Empire News. 11.15—Dance Music. 11.45—Close.

Transmission 5 (GSB, GSC), 12 midnight—Big Ben. See 2.15 p.m.* 12.30 a.m.—Betsy de la Porte (Contralto); David Brynley (Tenor). 1.0—See 4.0 p.m.* 1.15—"Friendly Harmony." 1.45—Empire News. 2.0—Close.

CARACAS, 4.30 p.m.—Cookery. 5.0-7.30—Records; Songs. 10.0—Music. 11.45—For Children. 12.0—Dance Music. 12.15 a.m.—News. 12.45—Music. 1.0-4.0—Variety.

MADRID (EAQ), 11.15 p.m.—News. 11.30—Spanish Music. 11.45—News. 12.0—Talk. 12.15 a.m.—Spanish Music. 12.45—Light Music. 1.0—Military Band.

MOSCOW (50 m.), 9.0 p.m.—German Programme. 10.5—French Talk. 11.5—Dutch Programme.

PARIS (Radio-Colonial), (b) 8.0 p.m.—News; Exchange. 8.30—Lille Programme. 10.30—Shipping. 10.45—Events. (a) 12.0—News; Exchange. 12.45 a.m.—Shipping. 1.0—News (English). 1.15—Events. 1.30—Talks. 2.0—Records. 4.0—News; Exchange. 4.30—Shipping. 4.45—Events. 5.0—Records. 5.45—News.

PITTSBURGH, (c, d), 6.20 p.m.—News. 6.30—Farm and Home. 7.30—Words and Music. 7.45—Home Forum. 8.15—Gilbert and Sullivan Operetta. 9.15—Marley Trio. 9.30—Dan and Sylvia. 9.45—Congress of Clubs. 10.0—Betty and Bob. 10.15—Contract. (a, b) 10.30—Markets. 10.45—Temple of Song. 11.0—Your Health. 11.15—For Children. 11.30—Singing Lady. 11.45—Orphan Annie. 12.0—News. 12.15—Comedy Stars of Hollywood. 12.30—Those Three Girls. 12.45—Lowell Thomas. 1.0—Amos 'n' Andy. 1.30-7.0—Variety.

PORTUGUESE RADIO CLUB (CTIGO), (a) 7.0-8.15 p.m.—Music.

RIO DE JANEIRO (PRF5), 11.30 p.m.—News (Portuguese). 12.0—Talks (Various Languages).

ROME, (c) 1.45-3.15 a.m. (Wednesday)—Announcements (Italian, Spanish, Portuguese). Italian Folk Music. News. Orchestra. News (Spanish and Portuguese).

RUYSSELEDE, 7.30 p.m.—News (Flemish, French). 8.0-9.0—Brussels (No. 1) Programme.

SCHENECTADY, (a) 8.30 p.m.—Golden Melody. 8.45—Matinee Players. 9.0—Sketches. (b) 12.30 a.m.—News. 12.35—Brevities. 12.45—Talk. 1.0—Music. 1.30—Markets. 1.50—News (Spanish). 2.0—Spanish Programme. 2.30-5.0—Orchestra. 5.0—Résumé.

SKAMLEBAEK (OXY), 7.0—Close, Kalundborg Programme.

SUVA, FIJI, 4.30-5.30 a.m.—Records.

VATICAN CITY, (b) 11.0 a.m.—Religious Notes (English). (a) 8.0 p.m.—Religious Notes (Italian).

ZEESEN (DJB, DJN), 9.45 a.m.—Announcements (German, English). 10.0—Music; Events. 10.30—News (English). 10.45—Orchestra. 11.45—News. 12.0—Music. 1.0—News (English).

ZEESEN (DJA, DJN), 2.0 p.m.—Announcements (German, English). 2.15—Music. 2.30—Talk. 2.45—News in English (DJA), and Dutch (DJN). 3.0—Orchestra. 3.45—Humorous Scenes. 4.15—News. 4.30—Flower Show. 4.45—Band. 5.15—See 2.45.

ZEESEN (DJD, DJC), 6.0 p.m.—Announcements (German, English). 6.15—News. 6.30—Events. 6.45—Music; Interludes. 8.0—News (English). 8.15—Records. (c) 8.30—Sequence (Litteck). 9.0—Dance Music. 10.0—News (German, English).

ZEESEN (DJA), 11.15 p.m.—Announcements (German, Portuguese) 11.20—Music; Events. 11.45—News (German). 12.0—Orchestra. 1.0 a.m.—Music. 1.15—News (Portuguese). 1.30—Play. 2.15—Music. 2.30—Songs. 3.0—See 11.15.

ZEESEN (DJC), 11.30 p.m.—Announcements (German, English). 11.45—News. 12.0—Orchestra. 1.0 a.m.—Music. 1.15—Instrumental. 1.30—Comedy. 2.15—News (English). 2.30—Songs. 3.0—News. 3.15-4.30—Music.

WEDNESDAY April, 24
EMPIRE

Transmission 1 (GSD, GSB), 6.15 a.m.—Big Ben. Empire Orchestra. 6.45—See Tuesday, 2.15 p.m.* 7.15—Orchestra (contd.). 7.45—See Tuesday, 4.0 p.m.* 8.0—Empire News. 8.15—Close.

Transmission 2 (GSG, GSF), 12 noon—Big Ben. B.C. Dance Orchestra. 12.45 p.m.—Charles Manning and Orchestra. 1.30—Sports Talk. 1.45—Organ. 2.15—Birmingham Hippodrome Orchestra. 2.30—Empire News. 2.45—Close.

Transmission 3 (3.0-6.0 GSE; 3.0-4.45 GSG; 5.0-6.0 GSB), 3.0 p.m.—Big Ben. Ernest Lush (Pianoforte). 3.15—Alfredo Campoli Trio. Gwenyth Misselbrooke (Pianoforte). 4.15—Talk: "Freedom." 4.35—"Friendly Harmony." 5.15—Dance Music. 5.30—Empire News. 5.45—Dance Music. 6.0—Close.

Transmission 4 (GSD, GSB) Part 1: 6.15 p.m.—Big Ben. Empire News. 6.30—"More Nonsense." 7.15—Wireless Military Band. 8.0—Albert Sammons (Violin); William Murdoch (Pianoforte). 8.45—Shakespeare Programme. 9.30—Organ. 9.45—Close. Part 2: 10.0—Big Ben. Talk: "Freedom." 10.20—Theatre Orchestra. 11.0—Empire News. 11.15—Dance Music. 11.45—Close.

Transmission 5 (GSB, GSC), 12 midnight—Big Ben. See 2.15 p.m.* 12.30 a.m.—Betsy de la Porte (Contralto); David Brynley (Tenor). 1.0—See 4.0 p.m.* 1.15—"Friendly Harmony." 1.45—Empire News. 2.0—Close.

CARACAS, 4.30 p.m.—Cookery. 5.0-7.30—Records; Songs. 10.0—Music. 11.45—For Children. 12.0—Dance Music; Songs. 12.15 a.m.—News. 12.45—Music. 1.0-4.0—Variety.

6.30—Bernard Crook Quintet. 7.15—April Showers. 8.0—Orchestra (Section C). Derek Oldham (Tenor). 9.10—Flute Band. George Yardley (Trombone); Michael Magee (Pipes); Pat Molloy (Xylophone). 9.45—Close. Part 2: 10.0—Big Ben. Sports Talk. 10.15—Scottish Dance Music. 10.45—Dance Music. 11.0—Empire News. 11.15—Dance Music. 11.45—Close.

Transmission 5 (GSB, GSC), 12 midnight—Big Ben. Shakespeare Programme. 12.45 a.m.—Sports Talk. 1.0—Dance Music. 1.45—Empire News. 2.0—Close.

BOMBAY, 5.30-6.30 p.m.—European Programme. Orchestra. CARACAS, 4.30 p.m.—Cookery. 5.0-7.30—Records; Songs. 10.0—Music; Songs. 11.45—For Children. 12.0—Dance Music; Songs. 12.15 a.m.—News. 12.45-4.0—Variety.

MADRID (EAQ), 11.15 p.m.—News. 11.30—Spanish Music. 11.45—News. 12.0—Talk. 12.15 a.m.—Spanish Music. 1.15—Light Music. MOSCOW (25 m.), 12 noon—English Programme for Children.

MOSCOW (50 m.), 9.0—Czech Talk. 10.5—English Talk: The Caucasus. 11.5—German Talk. PARIS (Radio Colonial), (b) 8.0 p.m.—News; Exchange. 10.30—Shipping. 10.45—Science Review. (a) 12.0—News; Exchange. 12.45 a.m.—Shipping. 1.0—News (English). 1.15—Science Review. 1.30—Talk. 1.45—Film Review. 2.0—Records. 4.0—News; Exchange. 4.30—Shipping. 4.45—Film Review. 5.0—Records. 5.45—News; Exchange.

PITTSBURGH, (c, d) 6.0 p.m.—Fields and Hall. 6.15—Pfte. 6.20—News. 6.30—Farm and Home. 7.30—Virginia Lee and Sunbeam. 7.45—Home Forum. 8.0—Radio City Matinee. 9.0—Ramblers' Trio. 9.15—Easy Aces. 9.30—Dan and Sylvia. 10.0—Betty and Bob. 10.15—Karen Fladoes. (a, b) 10.30—Markets. 10.45—Slippery Rock Teacher's Club. 11.15—Kiddies' Klub. 11.30—Singing Lady. 11.45—Little Orphan Annie. 12.0—News. 12.15 a.m.—While the City sleeps. 12.30—Orchestra. 12.45—Lowell Thomas. 1.0—Amos 'n' Andy. 1.15-3.30—Variety. 3.30—John McCormack. 3.45-7.0—Variety.

PORTUGUESE RADIO CLUB (CTIGO), (b) 1.20 a.m.—Music. 2.0-2.30—News; Dance Music. RIO DE JANEIRO (PRF5), 11.30 p.m.—News (Portuguese). 12.0—Talks (Various Languages). ROME, (c) 12.0 midnight—American Hour from Rome. Announcements. Talk. Acts I and IV. "La Favorita"—(Donizetti) from the Opera. News (English). Orchestra. Italian Lesson. RUYSELEDE, 7.30 p.m.—News (Flemish, French). 8.0—Brussels (No. 1) Programme. 8.30—9.0—Records.

SCHENECTADY, (a) 8.30 p.m.—Scissors and Paste. 8.45—Pfte. Duets. 9.0—Two Sketches. (b) 12.30 a.m.—News. 12.35—Brevities. 12.45—Quartet. 1.0—Events. 1.15—Sketch. 1.30—Markets. 1.50—News (Spanish). 2.0—Music (Spanish). 3.0—Town Hall Tonight. 4.0—Guy Ricardo's Orchestra. 4.30—Ray Noble's Dance Band. 5.0—Résumé. SKAMLEBAEK (OXY), 7.0—Close, Kalundborg Programme.

SUVA, FIJI, 4.30-5.30 a.m.—Records. VATICAN CITY, (b) 11.0 a.m.—Religious Notes (Spanish). (a) 8.0 p.m.—Religious Notes (Italian). ZEESEN (DJB, DJN), 9.45 a.m.—Announcements (German, English). 10.0—Songs. 10.30—News (English). 10.45—Comedy. 11.30—Concert. 11.45—News. 12.0—Music. 1.0 p.m.—News (English). ZEESEN (DJA, DJN), 2.0 p.m.—Announcements (German, English). 2.15—Songs. 2.45—News in English (DJA) and Dutch (DJN). 3.0—Aennchen von Tharau. Singpiel (Strecker). 4.0—Dialogue. 4.15—News. 4.30—Divertiment (Mozart). 5.15—See 2.45.

ZEESEN (DJC, DJD), 6.0 p.m.—Announcements (German, English). 6.15—News. 7.0—Comedy. 7.45—Concert. 8.0—News (English). 8.15—Orchestra. 9.15—The Flower Show. 9.30—Songs. 10.0—News.

ZEESEN (DJA), 11.15 p.m.—Announcements (German, Spanish). 11.20—Folk Songs. 11.45—News. 12.0—"Liebeswalzer" (Strauss). 1.15 a.m.—News (Spanish). 1.30—Orchestra. 2.15—Reading. 2.30—Vocal and Instrumental. 3.0—See 11.15; Letter-box.

ZEESEN (DJC), 11.30 p.m.—Announcements (German, English). 11.45—News. 12.0—Liebeswalzer (Strauss). 1.15 a.m.—Reading. 1.30—Orchestra. 2.15—News. 2.30—Concert. 3.0—News. 3.15-4.30—Soloists.

THURSDAY, April 25

EMPIRE

Transmission 1 (GSB, GSD), 6.15 a.m.—Big Ben. Vario Trio. 6.40—Talk: "Freedom." 7.0—Cinema Organ. 7.30—Vera Siddons (Soprano); George Pizzev (Baritone). 8.0—Empire News. 8.15—Close.

Transmission 2 (GSG, GSF), 10.50 a.m.—Anzac Day Service. 12.0—Rutland Square and New Victoria Orchestra. 1.0 p.m.—See Tuesday, 4.0 p.m. 1.15—Dance Music. 1.30—"Mail Bag." 2.15—Western Studio Orchestra. 2.30—Empire News. 2.35—Close.

Transmission 3 (3.0-6.0 GSE; 3.0-4.45 GSG; 5.0-6.0 GSB), 3.0 p.m.—Big Ben. Shakespeare Programme. 3.45—"Empire Bookshelf." 4.0—Variety Concert. 4.45—Organ. 5.15—Medvedeff's Balalaika Orchestra. Olga Alexeeva (Soprano). 5.30—Empire News. 5.45—Orchestra (cont'd). 6.0—Close.

Transmission 4 (GSD, GSB), Part 1: 6.15 p.m.—Big Ben. Empire News. 6.30—Vario Trio. 7.0—See Tuesday, 4.0 p.m. 7.15—B.C. Dance Orchestra. 8.0—Ethel Bartlett and Rae Robertson (Pianofortes). 8.30—Gallipoli Programme. 9.30—Berkeley Mason (Pianoforte). 9.45—Close. Part 2: 10.0—Service. 10.15—Orchestra (Section B). 11.15—Empire News. 11.30—Dance Music. 11.45—Close.

Transmission 5 (GSB, GSC), 12 midnight—Big Ben. Empire Orchestra. 1.0 a.m.—"Empire Bookshelf." 1.15—"Wild and Woolly." 1.45—Empire News. 2.0—Close.

CARACAS, 4.30 p.m.—Cookery. 5.0-7.30—Records; Songs. 10.0—Music; Songs. 11.45—For Children. 12.0—Dance Music; Songs. 12.15 a.m.—News. 12.45—Music. 1.0-4.0—Variety.

EINDHOVEN (PCJ), Relays Huizen (PHI).

HUIZEN (PHI), 2.30 p.m.—Announcements. 2.40—Records. 2.55—Cabaret. 3.15—News. 3.30—Records. 3.50—Talk. 4.10-4.30—Dance Records.

MADRID (EAQ), 11.15 p.m.—News. 11.30—Spanish Music. 11.45—News. 12.0—Talk. 12.15 a.m.—Dance Music from Madrid (EAJ7). 12.45—Light Music.

MOSCOW (50 m.), 9.0 p.m.—German Talk. 10.5—French Talk. 11.5—Spanish Talk.

PARIS (Radio-Colonial), (b) 8.0 p.m.—News; Exchange. 10.30—Request. (a) 12.0—News; Exchange. 12.30 a.m.—Request. 1.0—News (English). 1.15—Songs. 1.45—Shipping. 2.0—Talk. 2.15—Sports Notes. 2.30—Records. 4.0—News; Exchange. 4.30—Request. 5.0—Shipping. 5.15—Records. 6.0—News.

PITTSBURGH, (c, d), 6.0 p.m.—Fields and Hall. 6.15—Pfte. 6.20—News. 6.30—Farm and Home. 7.30—Words and Music. 7.45—Home Forum. 8.15—Music Guild. 8.45—Echoes of Erin. 9.0—Castles of Romance. 9.15—Easy Aces. 9.30—Dan and Sylvia. 9.45—Topical. 10.0—Betty and Bob. 10.15—Dorothy Page. (a, b) 10.30—Markets. 10.45—El Chico Spanish Revue. 11.0—For Children. 11.15—Wooley. The Moth. 11.30—Singing Lady. 11.45—Little Orphan Annie. 12.0—News. 12.15 a.m.—Comedy Stars of Hollywood. 12.30—Orchestra. 12.45—Lowell Thomas. 1.0—Amos 'n' Andy. 1.15-3.30—Variety. 3.30—Mexican Government Programme. 3.45-7.0—Variety.

PORTUGUESE RADIO CLUB (CTIGO), (a) 7.0-8.15 p.m.—Music. (b) 1.20 a.m.—Music. 2.0-2.30—News; Dance Music.

RIO DE JANEIRO (PRF5), 11.30 p.m.—News (Portuguese). 12.0—Talks (Various Languages).

ROME, (b) 1.45-3.15 a.m. (Friday)—Announcements (Italian, Spanish, Portuguese). Acts I and IV. "La Favorita"—Opera (Donizetti); News; Dance Music.

RUYSELEDE, 7.30 p.m.—News (Flemish, French). 8.0-9.0—Brussels (No. 1) Programme.

SCHENECTADY, (a) 8.30 p.m.—Anne Forbes (Contralto). 8.45—Pfte. Duets. 9.0—Sketches. (b) 12.30 a.m.—News. 12.35—Brevities. 12.45—Music. 1.0—

Sheehan Ensemble. 1.15—Music. 1.30—Markets. 1.50—News (Spanish). 2.0—Variety; Rudy Vallee Orchestra. 3.0—Show Boat. 4.0—Paul Whiteman's Music Hall. 5.0—Résumé. SKAMLEBAEK (OXY), 7.0—Close, Kalundborg Programme.

SUVA, FIJI, 4.30-5.30 a.m.—Records. VATICAN CITY, (b) 11.0 a.m.—Religious Notes (French). (a) 8.0 p.m.—Religious Notes (Italian).

ZEESEN (DJB, DJN), 9.45 a.m.—Announcements (German, English). 10.0—Folk Songs. 10.30—News (English). 10.45—Orchestra. 11.45—News. 12.0—Music. 1.0 p.m.—News (English).

ZEESEN (DJA, DJN), 2.0 p.m.—Announcements (German, English). 2.15—Folk Songs. 2.45—News in English (DJA) and Dutch (DJN). 3.0—Orchestra. 4.0—Discussion. 4.15—News. 4.30—Concert. 5.0—Reading. 5.15—See 2.45.

ZEESEN (DJC, DJD), 6.0 p.m.—Announcements (German, English). 6.15—News. 6.30—Vocal and Instrumental. 7.0—Talk. 7.15—Orchestra. 8.0—News (English). 8.15—Strauss. 9.30—Reading. 9.45—Music. 10.0—News (German, English).

ZEESEN (DJA), 11.15 p.m.—Announcements (German, Portuguese). 11.20—Sketch. 11.45—News. 12.0—Brahms. 1.0 a.m.—Talk. 1.15—News (Portuguese). 1.30—Arias. 2.15—Talk. 2.30—Records; Greetings. 3.0—See 11.15.

ZEESEN (DJC), 11.30 p.m.—Announcements (German, English). 11.45—News. 12.0—Brahms. 1.0 a.m.—Talks. 1.30—Opera Arias. 2.15—News (English). 2.30—Records; Greetings. 3.0—News. 3.15-4.30—Music Talk: The Strauss Family.

FRIDAY, April 26

EMPIRE

Transmission 1 (GSD, GSB), 6.15 a.m.—Big Ben. Norman Greenwood (Pianoforte). 6.45—Shakespeare Programme. 7.30—"The Bran Tub." 8.0—Empire News; Announcements; Fruit Market Notes. 8.20—Close.

Transmission 2 (GSG, GSF), 12 noon—Big Ben. "More Nonsense." 12.45 p.m.—B.C. Dance Orchestra. 1.15—Coventry Hippodrome Orchestra. 2.0—Talk: "Freedom." 2.20—Interlude. 2.25—Empire News; Announcements. 2.45—Close.

Transmission 3 (3.0-6.0 GSE; 3.0-4.45 GSG; 5.0-6.0 GSB), 3.0 p.m.—Big Ben. Cinema Organ. 3.30—Sports Talk. 3.45—Empire Orchestra. 4.45—"Mail Bag." 5.30—Empire News; Announcements. 5.50—Dance Music. 6.0—Close.

Transmission 4 (GSD, GSB), Part 1: 6.15 p.m.—Big Ben. Empire News; Announcements. Fruit Market Notes. 6.35—Orchestra (Section E). 7.30—"Hit the Deck." 8.45—Zino Francescatti (Violin). 9.10—"Soft Lights and Sweet Music." 9.30—Records. 10.0—Close. Part 2: 10.15—Interlude. 10.20—Leslie Bridgewater Quintet. Elena Danicli (Soprano). 11.0—Empire News; Announcements. 11.20—Dance Music. 11.45—Close.

Transmission 5 (GSB, GSC), 12 midnight—Big Ben. B.C. Dance Orchestra. 12.45 a.m.—Talk: "Freedom." 1.5—Winifred White (Contralto); Leyland White (Baritone); Jack Salisbury (Violin). 1.45—Empire News; Announcements. 2.5—Close.

CARACAS, 4.30 p.m.—Cookery. 5.0-7.15—Records; Songs. 7.15-7.30—Racing. 10.0—Music; Songs. 11.45—For Children. 12.0—Dance Music; Songs. 12.15 a.m.—News. 12.45—Music. 1.0-4.0—Variety.

EINDHOVEN (PCJ)—Relays Huizen (PHI).

HUIZEN (PHI), 2.30 p.m.—Announcements. 2.50—Talk with Music. In the Interval: News. 3.50—Talk: Economics. 4.10-4.30—Dance Records.

MADRID (EAQ), 11.15 p.m.—News. 11.30—Spanish Music. 11.45—News. 12.0—Talk. 12.15 a.m.—Spanish Music. 1.15—Light Music.

MOSCOW (50 m.), 9.0—Czech Programme. 10.5—English Talks; (a) Soviet Family Life, (b) Moscow's Underground Railway. 11.5—German Programme.

PARIS (Radio-Colonial), (b) 8.0 p.m.—News; Exchange. 10.30—Shipping. 10.45—Science Review. (a) 12.0—News; Exchange. 12.30 a.m.—Shipping. 12.45—Science Review. 1.0—English News. 1.15—American Programme. 2.15—Amusements. 2.45—Events. 4.0—News; Ex-

change. 4.30—Shipping. 4.45—Science Notes. 5.0—Amusements. 5.15—Records. 5.45—News; Exchange.

PITTSBURGH, (c, d) 6.0 p.m.—Fields and Hall. 6.15—Pfte. 6.20—News. 6.30—Farm and Home. 7.30—Virginia Lee. 7.45—Home Forum. 8.15—Edna Odell. 8.30—Harvest of Song. 8.45—League of Women Voters. 9.0—U.S. Marine Band. 9.30—Dan and Sylvia. 10.0—Betty and Bob. 10.15—Karen Fladoes. (a, b), 10.30—Market Report. 10.45—Dr. Eimlyn Jones. 11.15—Kiddies' Klub. 11.30—Singing Lady. 11.45—Orphan Annie. 12.0—News. 12.15 a.m.—Orchestra. 12.45—Lowell Thomas. 1.0—Amos 'n' Andy. 1.30—Red Davis. 1.45—Dangerous Paradise. 2.0—Irene Rich. 2.15—Romanca. 2.30—Kellogg College Programme. 3.0—Beatrice Lillie. 3.30-6.0—Variety. 6.30-7.0—Orchestra.

PORTUGUESE RADIO CLUB (CTIGO), (a) 7.0-8.15 p.m.—Music. (b) 1.20 a.m.—Orchestral Music. 2.0-2.30—News; Dance Music.

RIO DE JANEIRO (PRF5), 11.30 p.m.—News (Portuguese). 12.0—Talks (Various Languages).

ROME, (c) 12.0 midnight—American Hour from Rome. Announcements. History Talk. Band. Conductor: Marchesini. News (English). Giulietta Azavedo (Soprano). Italian Lesson.

RUYSELEDE, 7.30 p.m.—News (Flemish, French). 8.0-9.0—Act I. "Tristan and Isolde"—Opera (Wagner) (on Records).

SCHENECTADY, (a) 8.30 p.m.—Kitchen Party. 9.0—Sketches. (b) 12.30 a.m.—News. 12.35—Brevities. 12.45—Music. 1.0—Music (Spanish). 1.30—Markets. 1.50—News (Spanish). 2.0—Concert. 2.30—Farm Forum. 3.0-5.0—Variety. 5.0—Résumé.

SKAMLEBAEK (OXY), 7.0—Close, Kalundborg Programme.

SUVA, FIJI, 4.30-5.30 a.m.—Records. VATICAN CITY, (b) 11.0 a.m.—Religious Notes (German). (a) 8.0-8.15 p.m.—Religious Notes (Italian).

ZEESEN (DJB, DJN), 9.45 a.m.—Announcements (German, English). 10.0—Play. 10.30—News (English). 10.45—Soloists. 11.30—Talk. 11.45—News. 12.0—Music. 1.0 p.m.—News (English).

ZEESEN (DJA, DJN), 2.0 p.m.—Announcements (German, English). 2.15—Play. 2.45—News in English (DJA) and Dutch (DJN). 3.0—Music. 4.0—Reading. 4.15—News. 4.30—Opera Music. 5.15—See 2.45.

ZEESEN (DJC, DJD), 6.0 p.m.—Announcements (German, Spanish). 11.20—Talk. 11.45—News. 12.0—Orchestra. 1.15 a.m.—News (Spanish). 1.30—Talk. 2.15—Hindenburg's Memoirs. 2.30—Band. 3.0—See 11.15.

ZEESEN (DJC), 11.30 p.m.—Announcements (German, English). 11.45—News. 12.0—Orchestra. 1.15 a.m.—Hindenburg's Memoirs. 1.30—Talk. 2.15—News (English). 2.30—Band. 3.0—News. 3.15-4.30—Band.

SATURDAY, April 27

EMPIRE

Transmission 1 (GSD, GSB), 6.15 a.m.—Big Ben. Two Pianofortes. 6.45—"Empire Bookshelf." 7.0—Empire Orchestra. Marguerite Spiridovitch (Contralto). 8.0—Empire News. 8.15—Close.

Transmission 2 (GSG, GSF), 12 noon—Big Ben. Northern Orchestra. Annie Pimblott (Contralto). 1.0 p.m.—Shakespeare Programme. 1.45—Commodore Orchestra. 2.0—See 6.45 a.m. 2.15—Empire News. 2.30—Close.

Transmission 3 (2.50-6.0 GSE; 2.50-4.45 GSG; 5.0-6.0 GSB), 2.50 p.m.—The Cup Final. 4.50—Herschel Henlere (Pianoforte). 5.15—Dance Music. 5.30—Empire News. 5.45—Dance Music. 6.0—Close.

Transmission 4 (GSD, GSB), Part 1: 6.15 p.m.—Big Ben. Empire News; Sports Results. 6.35—Central Band of H.M. Royal Air Force. Newton Lees (Baritone). 7.0—"In Town Tonight." 7.30—Cup Final. 8.30—Music Hall. 9.30—"Empire Bookshelf." 9.45—Close. Part 2: 10.0—Big Ben. Wireless Military Band. Tom Kinniburgh (Bass). 10.40—Empire News; Sports Results. 11.0—Henry Hall's Guest Night. 11.45—Close.

Transmission 5 (GSB, GSC), 12 midnight—Big Ben. Cup Final. 1.0 a.m.—Empire Orchestra. 1.45—Empire News; Sports Results. 2.5—Close.

BOMBAY, 5.30-6.30 p.m.—Indian Programme. VUB Indian Orchestra. CARACAS, 4.30 p.m.—Cookery. 5.0-7.30—Records; Songs. 10.0—Music; Songs. 11.45—For Children. 12.0—Dance Music; Songs. 12.15 a.m.—News. 12.45—Music. 1.0—Sports. 1.15-4.0—Variety.

EINDHOVEN (PCJ), Relays Huizen (PHI).

HUIZEN (PHI), Broadcast for Soldiers in the Dutch Indies. 2.30 p.m.—Announcements. 2.40—News. 2.55—Orchestra. 3.15—News. 3.30—Famous Military Bands. 3.45—Talk. 4.5—Band. 4.20—Sports. 4.40—Orchestra. 5.0-5.30—Records.

MADRID (EAQ), 6.0 p.m.—Light Music. 11.15—News. 11.30—Spanish Music. 11.45—News. 12.0—Talk. 12.15 a.m.—Excerpts, "La Verbena de la Paloma"—Opera (Vega and Bretón). 12.45—Light Music.

MOSCOW (50 m.), 9.0 p.m.—German Programme. 10.5—French Programme. 11.0—Spanish Programme.

PARIS (Radio Colonial), (b) 8.0 p.m.—News; Exchange. 10.30—Shipping. 10.45—Talk. (a) 12.0—News; Exchange. 12.45 a.m.—Shipping. 1.0—News (English). 1.15—Talk. 1.30—Events. 1.45—Talk. 2.0—Records. 4.0—News; Exchange. 4.30—Shipping. 4.45—Talk. 5.0—Events. 5.15—Records. 5.45—News; Exchange.

PITTSBURGH, (c, d) 6.0 p.m.—Hank Keene's Gang. 6.20—News. 6.30—Farm and Home. 7.30—Words and Music. 8.0—Melodies. 8.30—Miniature Theatre. 9.0—Orchestra. 9.30—Music Magic. 10.0—Platt and Nierman. (a, b) 10.15—Our National Parks. 10.45—Dance Music. 11.15—Jackie Heller. 11.30—Recreo—Bill and Alex. 11.45—Jesse Crawford. 12.0—News. 12.15 a.m.—Sundance Singers. 12.30—Kelly Sisters. 12.45—The Master Builder. 1.0—Trio Classique. 1.15—"How?"—Rev. B. C. Clausen. 1.30-4.30—Variety. 4.30—Behind the Law. 4.45—Orchestra. 5.0—Sports. 5.15-6.0—Orchestra. 6.0—Messages to Far North. 6.30-7.0—Orchestra.

PORTUGUESE RADIO CLUB (CTIGO), (b) 1.20 a.m.—Music. 2.0-2.30—News; Music.

RIO DE JANEIRO (PRF5), 11.30 p.m.—News (Portuguese). 12.0—Talks (Various Languages).

ROME, (b) 1.45-3.15 a.m. (Sunday)—Announcements (Italian, Spanish, Portuguese). Band. Conductor: Marchesini. News. Azavedo (Soprano). News (Spanish, Portuguese).

RUYSELEDE, 7.30 p.m.—News (Flemish, French). 8.0-9.0—Records.

SCHENECTADY, (a) 8.30 p.m.—Week-End Revue. (b) 12.30 a.m.—News. 12.35—Evening Brevities. 12.45—Music. 1.0—General Electric Programme. 1.30—Markets. 1.45—Sports Review. 2.0—The Hit Parade. 3.0—Stars of Tomorrow. 3.30—Al Jolson. 4.30—Dance Music. 5.0—Résumé.

SKAMLEBAEK (OXY), 7.0—Close, Kalundborg Programme.

SUVA, FIJI, 4.30-5.30 a.m.—Records.

VATICAN CITY, (b) 11.0 a.m.—Religious Notes (Various Languages). (a) 8.0 p.m.—Religious Notes (Italian).

ZEESEN (DJB, DJN), 9.45 a.m.—Announcements (German, English). 10.0—Band. 10.30—News (English). 10.40—"Liebeswalzer" (Strauss). 11.50—News. 12.0—Music. 1.0 p.m.—News (English).

ZEESEN (DJA, DJN), 2.0 p.m.—Announcements (German, English). 2.15—Records. 2.45—News in English (DJA) and Dutch (DJN). 3.0—"Liebeswalzer" (Strauss). 4.15—News. 4.30—Dance Music. 5.15—See 2.45.

ZEESEN (DJC, DJD), 6.0 p.m.—Announcements (German, English). 6.15—News. 6.30—Music; Events. 7.0—Reading. 7.15—Opera Arias. 8.0—News. 8.15—Talk. 9.0—Dance Music. 10.0—News (German, English).

ZEESEN (DJA), 11.15 p.m.—Announcements (German, Spanish). 11.20—Concert. 11.45—News. 12.0—Sketch. 1.0 a.m.—Talk. 1.14—News (Spanish). 1.30—Music. 2.15—Talk. 2.30—Songs. 3.0—See 11.15.

ZEESEN (DJC), 11.30 p.m.—Announcements (German, English). 11.45—News. 12.0—Sequence. 1.0 a.m.—Talks. 1.30—Music. 2.15—News (English). 2.30—Songs. 3.0—News. 3.15-4.30—Dance Music.

PROGRAMME STATIONS

	kc/s	m.	kW
Algiers, NORTH AFRICA.....	941	318.8	12
Athlone, IRELAND .. Relayed by Dublin and Cork.....	565	531	60
Barcelona, EAJ1, SPAIN.....	795	377.4	5
Belfast, N. IRELAND.....	977	307.1	1
Belgrade, YUGOSLAVIA.....	686	437.3	2.5
Berlin, GERMANY.....	841	356.7	100
Beromünster, SWITZERLAND.. Relays Basle and Berne.....	556	539.6	100
Bordeaux Lafayette, FRANCE.....	1077	278.6	30
Bratislava, CZECHOSLOVAKIA.....	1004	298.8	13.5
Breslau, GERMANY.. Relayed by Gleiwitz..	950	315.8	100
Brno, CZECHOSLOVAKIA.....	922	325.4	32
Brussels (No. 1), BELGIUM.....	620	483.9	15
Brussels (No. 2), BELGIUM.....	932	321.9	15
Bucharest, ROMANIA.....	823	364.5	12
Budapest (No. 1), HUNGARY.....	546	549.5	120
Budapest (No. 2), HUNGARY.....	359.5	834.5	20
Cologne, GERMANY.....	658	455.9	100
Copenhagen, DENMARK.. Relayed by Kalundborg.....	1176	255.1	10
Deutschlandsender, GERMANY.....	191	1571	60
Droitwich, GT. BRITAIN.....	200	1500	150
Frankfurt-am-Main, GERMANY.. Relayed by Trier, Kaiserslautern, Cassel, and Freiburg.....	1195	251	17
Hamburg, GERMANY.. Relayed by Bremen, Flensburg, Hanover, Magdeburg, and Stettin.....	904	331.9	100
Heilsberg (Königsberg), GERMANY.. Relayed by Danzig.....	1031	291	17
Hilversum, HOLLAND.....	995	301.5	20
Huizen, HOLLAND.....	160	1875	7
Juan-les-Pins (Radio Côte d'Azur), FRANCE.....	1249	240.2	2
Kalundborg, DENMARK.. Relays Copenhagen.....	238	1261	60
Kaunas, LITHUANIA.....	155	1935	7
Königsberg (Heilsberg), GERMANY.. Relayed by Danzig.....	1031	291	17
Kosice, CZECHOSLOVAKIA.....	1158	259.1	2.6
Lahti, FINLAND.. Relays Helsinki.....	166	1807	40
Leipzig, GERMANY.. Relayed by Dresden..	785	382.2	120
Lisbon (Emissora Nacional), PORTUGAL.....	629	476.9	20
London National, GT. BRITAIN.....	1149	261.1	20
Lyons (La Doua), FRANCE.....	648	463	15
Madrid, EAJ7, SPAIN.....	1095	274	7
Midland Regional, GT. BRITAIN.....	1013	296.2	50
Monte Ceneri, SWITZERLAND.....	1167	257.1	15
Moravská-Ostrava, CZECHOSLOVAKIA.....	1113	269.5	11.2
Moscow (No. 1), RUSSIA.....	174	1724	500
Motala, SWEDEN.. Relays Stockholm.....	216	1389	30
Munich, GERMANY.. Relayed by Nürnberg.....	740	405.4	100
North National, GT. BRITAIN.....	1149	261.1	50
North Regional, GT. BRITAIN.....	668	449.1	20
Oslo, NORWAY.. Relayed by Fredrikstad, Hamar, Notodden, Porsgrund, Rjukan, Stavanger, Trøndelag.....	260	1154	60
Paris (Eiffel Tower), FRANCE.....	1456	206	5
Paris (Poste Parisien), FRANCE.....	959	312.8	60
Paris (PTT), FRANCE.....	695	431.7	7
Paris (Radio-Paris), FRANCE.....	182	1648	80
Pittsburgh (U.S.A.) (See S.-W. Programmes)	980	305.9	50
Prague, CZECHOSLOVAKIA.....	638	470.2	120
Radio-Normandie (Fécamp), FRANCE.....	1113	269.5	10
Regional, GT. BRITAIN.....	877	342.1	50
Reykjavik, ICELAND.....	208	1442	16
Riga, LATVIA.....	583	514.6	15
Rome, ITALY.. Relayed by Naples, Milan (No. 2), Turin (No. 2), and Bari.....	713	420.8	50
Schenectady (U.S.A.) (See S.-W. Programmes)	790	379.5	50
Scottish National, GT. BRITAIN.....	1050	285.7	50
Scottish Regional, GT. BRITAIN.....	767	391.1	50
Sottens, SWITZERLAND.. Relays Geneva and Lausanne.....	677	443.1	25
Stockholm, SWEDEN.. Relayed by Motala, Göteborg, Hörby, and Boden.....	704	426.1	55
Strasbourg, FRANCE.....	859	349.2	35
Stuttgart, GERMANY.....	574	522.6	100
Toulouse (Radio-Toulouse), FRANCE.....	913	328.6	60
Turin (No. 1), ITALY.. Relayed by Milan, Genoa, Florence, and Trieste.....	1140	263.2	7
Vienna (Bisamberg), AUSTRIA.. Relayed by Graz, Innsbruck, Klagenfurt, Linz, Salzburg, and Dornbirn.....	592	506.8	100
Warsaw (No. 1), POLAND.. Relayed by Katowice, Lwów, Poznań, and Wilno	224	1339	120
West National, GT. BRITAIN.....	1149	261.1	20
West Regional, GT. BRITAIN.....	804	473.1	50

Programmes: SUNDAY April 21

PRINCIPAL EVENTS

SERVICES AND SACRED MUSIC

- A.M.
10.0 Italian stations: Pontifical mass.
11.0 Königsberg: "The Resurrection" (Schütz).
11.45 Radio-Paris: The Rev. Father Padé.
P.M.
2.40 Huizen: Easter Cantata.
8.0 Kalundborg: Easter music.
8.0 Radio-Paris: Choir and orchestra.
9.20 Regional: "Messiah," part 2.

SYMPHONY CONCERTS

- 8.0 Brussels 1: Mozart, Michael Haydn.
8.25 Stockholm: Beethoven's "Pastoral"; Ansermet.

LIGHT CONCERTS

- 12.15 Radio-Paris: Light orchestral.
3.0 Kalundborg: Radio orchestra, classics.
5.0 Radio-Paris: Popular orchestral.
6.30 Brussels 1: Music for children.
7.0 Deutschlandsender: Easter in Folk Song.
8.0 Frankfurt: Opera music.
8.0 Warsaw: Operetta music.
8.15 Radio-Normandie: Opera selections.
8.30 Königsberg: International concert.
8.55 Hilversum: Mozart programme.
8.55 Huizen: Orchestra, contralto songs.
9.0 Leipzig: Symphony orchestra.
9.10 Prague: Orchestra, bass songs.
9.15 Brussels 1: Gaubert, Ravel, d'Indy.
9.30 Bucharest: Operetta music.
9.30 Budapest 1: Imre Magyari's Cigány Band.
10.20 Vienna: Orchestra, soprano songs.
10.30 Königsberg: Light orchestral.

OPERAS

- 3.0 Sottens: "Faust" (Gounod).
6.5 Munich: "The Mastersingers."
8.0 Cologne: "The Seraglio" (Mozart).

NATIONAL

- Time Signals: Big Ben.—12.30 p.m. Greenwich.—10.30 a.m., 4.30 p.m., 9.0 p.m.
10.30-10.45 a.m. (Droitwich)—Weather.
11.0 (Droitwich)—Service from Liverpool Cathedral.
12.30 p.m. (Droitwich) — B.B.C. Northern Orchestra.
1.30 (Droitwich)—Broadhurst Septet.
2.15 (Droitwich)—Records.
2.45 (Droitwich)—Celebrity Trio.
3.30 (Droitwich)—B.B.C. Orchestra (Section E), conducted by Aylmer Buesst.
4.30—For the Children.
4.50—"The Third Day." A Narrative Drama of Easter by Mona Swann. Cast includes: Ion Swinley, Norman Shelley, John Garside, Harold Scott, Richard Ainley, Barbara Palmer, Doreen Morton.
5.15—Easter Day in Jerusalem. A descriptive Talk by the Rev. M. L. Maxwell, Incumbent of Christ Church, Old City, Jerusalem.
5.30—John Ireland Chamber Music: Antonio Brosa (Violin); Antoni Sala (Cello); John Ireland (Pianoforte); Alfred Read (Baritone).
6.45—From the Four Corners—4.
7.15—Percy Henning (Baritone); Thelma Reiss (Cello).
7.55—Service from Winchester Cathedral.
8.45 (Droitwich)—Appeal on behalf of the Home for Training Crippled Boys. The Bishop of Kensington.
8.45 (London, West, North)—Appeal on behalf of the Notting Hill Nursery School.
8.45 (Scottish)—Scottish Regional.
8.50—"The News."
9.0—Albert Sandler and the Park Lane Hotel Orchestra. Thelma Tuson (Soprano); Orchestra: Overture, Don Juan (Mozart); Take all my heart (Ramon); Parade of a Toy Soldier (Ewing). Thelma Tuson: Ah! fors' e lui (La Traviata) (Verdi); Easter Flowers (Sanderson). Albert Sandler: Romanian Air and Gipsy Dance (Saimmons); Dance of the Comedians (Smetana). Thelma Tuson: Love, I give you my all (Besly); Lonely Star (Palmer); Song in the Night (Loughborough). Orchestra: Selection of Grieg's Music (arr. Urbach).
10.15—Gershon Parkington Quintet.
10.45—Epilogue.

REGIONAL

- Time Signals: Big Ben.—12.30 p.m. Greenwich.—4.30 p.m., 9.0 p.m.
11.0 a.m.—4.30 p.m. (except Midland; Scottish till 4.0)—Droitwich.
4.0 (Scottish)—Children's Service.
4.30—London Palladium Orchestra.
5.30 (except Western, N. Ireland)—The Gresham Singers.
5.30 (Western)—Blauenlydach School Orchestra. Granville Jones (Violin).
5.30 (N. Ireland)—Reading.
5.45 (N. Ireland)—Wireless Orchestra. Mary Spencer-Smith (Soprano); Nancie Lord (Violin).
6.0 (Regional, Midland, Scottish)—Wireless Military Band. Percy Manchester (Tenor).
6.0 (Northern)—St. Hilda's Band.
6.0 (Western)—Lockier-Grosvenor Sextet. Elsie Griffin (Soprano).
6.45 (except N. Ireland)—"Spring Comes to Europe." A Tone Picture. Written and spoken by Berthe Grossbard. Music devised and arranged by Mark Lubbock and Stanford Robinson. Nora Gruhn (Soprano); Jan van der Gucht (Tenor). Wireless Chorus; Theatre Orchestra. Conductor, Stanford Robinson.
6.55 (N. Ireland)—Service.
7.55 (Regional, Scottish, N. Ireland)—Service from Beechgrove Church, Aberdeen.
7.55 (Northern)—Methodist Service.
7.55 (Western)—Service.
8.0 (Midland)—The Easter Message in Readings and Music.
8.45 (Regional)—See London National.
8.45 (Midland)—Appeal on behalf of the Birmingham Hospitals Centre.
8.45 (Northern)—Appeal on behalf of the Birkenhead General Hospital.
8.45 (Scottish)—Appeal on behalf of the Royal Infirmary, Edinburgh.
8.45 (Western)—Appeal on behalf of the Gloucester Discharged Prisoners' Aid Society.
8.45 (N. Ireland)—Appeal on behalf of Hospital Day.
8.50—"The News."
9.0—News from Yesterday.
9.20—Part 2 of Handel's "Messiah." Stiles Allen (Soprano); Margaret Balfour (Contralto); Tom Pickering (Tenor); Harold Williams (Baritone). Wireless Chorus (Section A); Orchestra (Section D); Conductor, Adrian Boulton.
10.45—Epilogue.

- 9.0 Rome: "La Bohème" (Puccini) from Teatro Reale.
11.0 Brussels 2: "Tannhäuser," Act 1, records.

CHAMBER MUSIC

- 5.30 National: John Ireland programme.
7.0 Berlin: "Trout" Quintet (Schubert).
7.15 Vienna: Beethoven Septet.
8.15 Eiffel Tower: Old music.

RECITALS

- 12.30 Brussels 2: Carillon.
6.30 Leipzig: Easter songs.
7.30 Stockholm: Song, pianoforte.
7.45 Paris (PTT): Yvette Guilbert.
8.0 Sottens: Borovsky (pianoforte), Székeley (violin).
9.30 Warsaw: Song, pianoforte.
10.45 Kalundborg: Chopin Ballads.

PLAYS

- 4.50 National: "The Third Day."
5.30 Brussels 1: "Easter Eggs."
8.10 Leipzig: "Walther von der Vogelweide," (Radio Sequence).
8.30 Paris (PTT), Strasbourg: Three plays.
9.15 Kalundborg: "Everyman."
9.15 Sottens: "Michel Auclair" (Vildrac).

TALKS

- 5.15 National: "Easter in Jerusalem."
6.45 Hamburg: Mark Twain commemoration.
8.15 Poste-Parisien: Sacred Poems.

DANCE MUSIC

- 10.30 Radio-Paris, Strasbourg, Warsaw; 10.45, Budapest; 11.0, Brussels 1, Frankfurt; 12.0, Radio-Normandie; 12.10, Vienna.

MISCELLANEOUS

- 3.0 Radio-Paris: The President's Cup, Auteuil.

Hours of Transmission in British Summer Time

5 a.m.—8 a.m.

- BERLIN, 5.30—Hymn; Records. 6.0—Gym; Records. 6.35-8.15—See Hamburg. 8.25—Easter Thoughts and Poems. 8.55—Chimes.
BRESLAU, 5.35—Records. 6.35-8.15—See Hamburg. 8.15—Motto. 8.25—Records. 8.50—Time; News.
BUDAPEST (No. 1), 8.30—Announcements.
COLOGNE, 6.35-8.0—See Hamburg. 8.0—Time; Weather; Announcement. 8.10—Talk: Villages. 8.30—Records.
DEUTSCHLANDSENDER, 6.30—Motto. 6.35-8.0—See Hamburg. 8.0—For Farmers.
FRANKFURT, 6.35-8.15—See Hamburg. 8.15—Time; Weather. 8.20—"Jauchzet Gott in allen Landen"—Cantata (Bach), by Ria Ginster (Soprano) and the Station Orchestra (on Records). 8.45—Wind Instrument Music.
HAMBURG, 6.35-8.15—Harbour Concert. 8.15—Time; News. 8.30—Gym. 8.45—Old Music by a Wind Instrument Quintet.
HUIZEN, 8.40—Protestant Programme for Young People. Kiroon (Organ).
KALUNDBORG, 8.0—Easter Hymns. 8.30—Weather. 8.45—Sacred Music.
KÖNIGSBERG, 6.35-8.15—See Hamburg.
LEIPZIG, 6.35-8.15—See Hamburg. 8.20—"Heut' triumphieret Gottes Sohn" (Bach), by the Leipzig University Choir and Madrigal Society. Conductor: Rabenschlag. Friedrich Höpner (Organ). 8.30—Service.
MUNICH, 6.35-8.15—See Hamburg. 8.30—Pianoforte Sonata No. 2 in A (Schubert), by Emmy Braun.
OSLO, 8.45—News. 8.50—Service.
PARIS (PTT), 8.0—News.
PARIS (Radio-Paris), 7.0—Records. 7.15—Press Review; Weather. 7.45—Gym. 8.0—Records. Pastorale (Mozart). The Bells of Novgorod. L'heure douce (Esclavly).

SUNDAY April 21

5 a.m.—8 a.m. (contd.)

Soir (Faure). Die Biene (Schubert). Le Nil (Leroux). Fantasia on Folk Songs. Let's Sing, "The Snow Maiden" (Rimsky-Korsakov). Die Forelle (Schubert). Villanelle (Dukas). Vergebliches Ständchen (Brahms). Clair de lune (Faure). Fete polonaise (Chabrier). PRAGUE, 6.45—Time; Gym; Music; News. 7.30—Karlsbad Municipal Orchestra from Karlsbad. 8.30—"Spring is Here"—Sketch. 8.50—Record.

HILVERSUM, 10.0—Gardening Talk. 10.20—Talk. 10.40—Jong (Organ). HUIZEN, 10.0—Protestant Programme (contd. from 9.10). 10.10—Recitations. 10.45—High Mass from St. Anthony's Abbey Church, Scheveningen. Vranken (Organ). KALUNDBORG, 10.0—Service from Roskilde Cathedral. KÖNIGSBERG, 10.0—Service (contd. from 9.0). 10.40—Talk: Children and the Nation. 10.50—Weather; Programme Announcements. LEIPZIG, 10.0—Literary Programme. MOSCOW (No. 1), 10.0—News. 10.15—Jarkov Choir; Folk Instrument Ensemble; Abramov (Songs). MUNICH, 10.5—Talk by Josef Bauer; Studien Quartet. 10.40—Chamber Music. Elisabeth Hallstein (Soprano) and the Gedok String Quartet.

OSLO, 10.0—Records. 10.20—Service. PARIS (Poste Parisien), 10.0—Records (contd. from 9.50). 10.8—Waltz Songs by Ninon Vallin (Records). 10.20—Records. 10.35—The Bouillon Orchestra. PARIS (PTT), 10.0—Sacred Music. PRAGUE, 10.0—See Brno. 10.15—Records. 10.25—See 10.15 Bratislava. ROME, 10.0—See Turin. SOTTENS, 10.0—Protestant Service. STOCKHOLM, 10.0—Records: The Messiah (Handel). Conductor: Beecham. STRASBOURG, 10.0—Pontifical High Mass (contd. from 9.30). 10.45—Protestant Service in German. STUTTGART, 10.0—See Frankfurt. TURIN, 10.0—Pontifical High Mass from St. Peter's, Rome. VIENNA, 10.0—Mass (contd. from 9.0). 10.50—Talk: Easter Folk Customs. WARSAW, 10.0—Service.

KALUNDBORG, 11.0—Service (contd. from 10.0). 11.30—Weather; News. KÖNIGSBERG, 11.0—"The Resurrection" (Schütz). 11.30—Reading (Kolbenheyer). LEIPZIG, 11.40—Programme Announcements. MONTE CENERI, 11.30—Announcements; Religious Address. MOSCOW (No. 1), 11.0—Choir (contd. from 10.15). MUNICH, 11.0—Chamber Music (contd. from 10.40). 11.15—"Petraea"—Sequence (Walther-Hellmessen). 11.45—Gustav Schoedel (Organ). Heut triumphieret Gottes Sohn (Bach). Fantasia on "Alleluja" (Renner). PARIS (Poste Parisien), 11.0—Orchestra (contd. from 10.35). 11.20—Report of the Paris-Roubaix Cycle Race. 11.33—Records.

(Siede). Lachen ist gesund (Mestrum). Overture, Lachendes Leben (Rust). Frikassiertes Trompeterragout (Schiller). Kakao. Freut Euch des Lebens (Lincke). March, Die Lustige Dorfschmiede (Fucik). Guten Appetit! Waltz, Wine, Woman and Song (Strauss). Two Pieces for Accordion (Niegsch). A Family Idyll. March, Vivat Germania (Schicke). Obligations. Song and Czardas (Grothe). Two Quartets (Schrammel). Advertisement Posters. March, Weidmannsheil (Reckling). Meister Petz am Hofe Meiers (Petsy). The Clock. Polka, Sugar and Coffee (Millöcker). Humoresque, Im Automaten salon (Vollstedt). The Lift-man. Gallop, Im D-Zug (Blon). Waltz, In chambre separee (Heuberger). The Boxer. March, Das Lied der Arbeit (Orth). March, Gruss an die Lausitz (Milarch). BRUSSELS (No. 1), 12.0—Records. Cloches en volée. Alleluia (Handel). Toccata and Fugue in D minor (Bach). Et resurrexit (Bach). Pièce heroique (César Franck). Sanctus (Boezi). 12.30—Orchestra. Conductor: Walpot. Overture, "Die Felsenmühle" (Reissiger). La voix des cloches (Luigini). Spring Song (Mendelssohn). Liebesliederwalzer (Moszkowski). To Spring (Grieg).

9 a.m.

BERLIN, 9.0—Service from Potsdam Garrison Church. BRESLAU, 9.0—Easter Readings with Music by Bach. 9.25—Talk. 9.40—Talk: Reminiscences of a Prisoner of War. BRNO, 9.0—Catholic Service. BUDAPEST (No. 1), 9.0—Protestant Service. COLOGNE, 9.0—Records. 9.30—Service from the Cathedral. DEUTSCHLANDSENDER, 9.0—Literary Programme. FRANKFURT, 9.0—Easter Address, and Mass in F minor (Bruckner). Station Choir, Orchestra and Soloists. Conductor: Belker. HAMBURG, 9.0—"Easter Eggs"—Play for Children (Harbeck). 9.15—Orchestra. Conductor: von Sosen. HILVERSUM, 9.40—Records. 9.45—Football Report; Homing Pigeon Notes. 9.50—Gardening Talk. HUIZEN, 9.0—For Young People (contd. from 8.40). 9.10—Protestant Programme. Verver (Violin). KÖNIGSBERG, 9.0—Protestant Service.

PARIS (PTT), 10.0—Sacred Music. PRAGUE, 10.0—See Brno. 10.15—Records. 10.25—See 10.15 Bratislava. ROME, 10.0—See Turin. SOTTENS, 10.0—Protestant Service. STOCKHOLM, 10.0—Records: The Messiah (Handel). Conductor: Beecham. STRASBOURG, 10.0—Pontifical High Mass (contd. from 9.30). 10.45—Protestant Service in German. STUTTGART, 10.0—See Frankfurt. TURIN, 10.0—Pontifical High Mass from St. Peter's, Rome. VIENNA, 10.0—Mass (contd. from 9.0). 10.50—Talk: Easter Folk Customs. WARSAW, 10.0—Service.

11.0 A.M. KÖNIGSBERG

THE RESURRECTION

Heinrich Schütz

Evalotte Hellgardt, Contralto Reinhold Pliquett, Tenor Horst Schröder, Baritone Marg. Schuchmann, Harpsichord Adolf Schütz, Organ The Station Choir and Orchestra. Conductor, Prof. Paul Firchow

BRUSSELS (No. 2), 12.0—Records. Gloria from the Mass in E minor (Bruckner). Symphonic Rhapsody (Coates). Magnificat and Anthem (Mitterer). Angels' Serenade (Braga). Victimae Paschali laudes (Mignan). Benedictus from the Missa Papae Marcelli (Palestrina). Maestoso and Finale from the Third Symphony (Saint-Saëns). 12.30—Carillon Recital by Jef Denijn, relayed from Malines. Les rameaux (Faure). Two Folk Songs. Melody (Mendelssohn). M'n zoet lief kind (Marinus-Brandt-Buys). Regina Coeli laetare. Incertum. In the Interval: Report of the Paris-Roubaix Cycle Race. BUCHAREST, 12.0—Station Orchestra. In the Interval at 12.45—Water Level; Amusement Guide. BUDAPEST (No. 1), 12.0—Protestant Service. 12.35—Time; Weather. 12.45—Opera Orchestra. Conductor: Lajos Rajter. Erzi Sándor (Songs). COLOGNE, 12.0—See Hamburg. DEUTSCHLANDSENDER, 12.0—See Munich. 12.55—Time. FRANKFURT, 12.0—Band, from Cassel. Conductor: Georg Philipp. Arbeitsdienstmarsch (Philipp). Entry of the Guests into the Wartburg. "Tannhäuser" (Wagner). Swabian Rhapsody (Kämpfert). March, Wiara-Mopcala (Philipp). Overture, "Nakis Hochzeit" (Lincke). Aufzug der Komödianten (Kubatz). Rosinen-Walzer (Friedmann). Flieger-Marsch (Urbach). HAMBURG, 12.0—Orchestra. Conductor: Rudolph. Selection, "Tief-land" (d'Albert). Meeresleuchten (Ortleb). Suite, An die Freude (Huppertz). Waltz, Blaue Augen (Mackebert). Potpourri, Marinebilder (Prager). Suite, Heimatbilder (Kutsch). Overture, "Die Fledermaus" (Strauss). Selection, "Cavalleria rusticana" (Mascagni). Air, "The Valkyrie" (Wagner). Fahrende Musikanten (Schumann). Waltz, Nordseebilder (Strauss). March, Matrosen auf See (Leuschner). 12.55—Time; Weather.

HILVERSUM, 12.0—Talk. 12.10—Orchestra and Cello (contd. from 11.25). 12.40—Time: Carillon. 12.41—Records. HUIZEN, 12.0—High Mass (contd. from 10.45). 12.40—Records. 12.55—K.R.O. Orchestra. Conductor: van 't Woud. Overture, "The Secret Marriage" (Cimarosa). Ballet Suite (Grétry-Mott). Selection, "Armide" (Gluck). Entr'acte, "Les Erynnies" (Massenet). Selection, "Le Cid" (Massenet). KALUNDBORG, 12.0—Time; Chimes. 12.2—Hansens Instrumental Ensemble. Overture, "Agrippina" (Handel). Largo from the Clarinet Quintet (Mozart). Selection, "Orpheus and Eurydice" (Gluck). Gavotte (Martini). Adagio from the Violin Concerto in E (Bach). Minuet (Beethoven). Andante cantabile, with variations (Beethoven). Chamber Sonata for Two Violins and Pianoforte (Corelli). Ave Verum (Mozart). Scherzo (Schubert). Frühlingsglaube (Schubert). Excerpts, Le tombeau de Couperin (Ravel). Adagio funebre (Carsen). Selection, "The Barber of Seville" (Rossini). In the Interval at 12.50: Reading (Ibsen).

11 a.m.

BERLIN, 11.0—Reading: Excerpts from "Island-Saga" (Vollerthun), by the Composer. 11.30—Organ Recital. In the Interval: Reading from "Faust" (Goethe). BEROMÜNSTER, 11.0—Easter in Literature and Music. 11.30—Traugott Meyer reads. BRATISLAVA, 11.0—Orchestra (contd. from 10.15). BRESLAU, 11.0—Station Schrammel Quartet. BRUSSELS (No. 1), 11.0—Records (contd. from 10.0). BRUSSELS (No. 2), 11.0—Records. The Crucifixion (Sparrow). Easter Overture (Rimsky-Korsakov). BUCHAREST, 11.0—Sacred Music. Domnitta Balacha Church Choir. Conductor: Chirescu. 11.30—Records of Famous Singers. BUDAPEST, (No. 1), 11.0—Mass. 11.30—Protestant Service. COLOGNE, 11.0—Concert. Cantata for Soprano, Contralto, Two Flutes, Oboe, Cello, and Harpsichord, Ersehnter Freudentag (Bach). Suite in F minor for Harpsichord (Handel). Concerto in F minor for Harpsichord, Two Violins, Viola, and Continuo (Bach). DEUTSCHLANDSENDER, 11.0—Easter Sonnet (Moller). 11.15—Weather. 11.30—Records: Variety. FRANKFURT, 11.0—Cassel Choral Society. Conductor: Moser. Songs (Lemacher): (a) Morgenlied, (b) Der Lieblingsbaum. An die Sonne (Jochum). Jetzt will mer (Haas). Grossmutter will tanzen (Jochum). Wie schön blüht uns der Maien (Ramrath). Lied des Volkes (Erdlen). Vespergesang (arr. Kämpf). Mädchen mit den blauen Augen (arr. Reger). Das Lieben bringt gross Freud (arr. Othegraven). 11.30—Old and New Easter Songs, by Paul Losse (Baritone) and Adolf Radtke (Pianoforte). Der Herr ist erstanden (Frank). Was bringet Jesus aus dem Grabe (Böhm). Kommt wieder aus der finstern Gruft (Bach). Jesus lebt, mit ihm auch ich (Philipp E. Bach). Ist der Tag so früh und grau (Lang). Der Herr ist wahrhaft auferstanden (Böhme). Nun freue dich, o Christenheit (Geisdorf). Willkommen sei die fröhlich Zeit (Wetz). HAMBURG, 11.10—Talk: Birds. 11.40—Talk: Easter Hares and Eggs in German Folk Customs. HILVERSUM, 11.0—Jong (Organ). 11.10—Talk. 11.25—V.A.R.A. Orchestra. Conductor: de Groot. Krol (Pianoforte and Cello). HUIZEN, 11.0—High Mass (contd. from 10.45).

PARIS (PTT), 11.0—Sacred Music. 11.30—Sports. 11.45—Records. PARIS (Radio-Paris), 11.0—Records. Aria (Gluck). Offrande (Hahn). Serenade (Pierné). Aria (Bach). 11.15—Marthe Braquemond (Organ). from the Salle Cavaillé Coll. Fantasia and Fugue in G minor (Bach). Two Chorals (Bach). The Ascension (Meissian). Le Chemin de Croix (Dupré). 11.45—Religious Address by the Rev. Father Padé. PRAGUE, 11.0—See 10.15 Bratislava. 11.15—To be announced. 11.25—Literary Review. 11.55—An Appeal. ROME, 11.0—Mass from the Church of the Annunciation, Florence. SOTTENS, 11.0—Records. STOCKHOLM, 11.0—Service from the Cathedral, Kalmar. STRASBOURG, 11.0—Service (contd. from 10.45). 11.30—Roman Catholic Service: Address by Mgr. Ruch, Bishop of Strasbourg. STUTTGART, 11.0—See Frankfurt. 11.30—Orchestra, from Cannstatt. Conductor: Julius Schröder. Groszer Gott, wir loben dich (Haydn). Jubel-Ouverture (Weber-Schröder). Wiegenlied (Schubert). Ballet Music, "Rosamunde" (Schubert). Selection, "Tannhäuser" (Wagner). Romance (Schröder). Rhapsody on Swabian Folk Songs (Kämpfert). Waltz, The Blue Danube (Strauss). March, Die Jugend marschert (Lindemann). TURIN, 11.0—Mass from St. Peter's, Rome (contd. from 10.0). VIENNA, 11.0—Talk (contd. from 10.50). 11.35—Vienna Symphony Orchestra. Conductor: Nilius. Overture, "The Magic Flute" (Mozart). Turkish Suite (Haydn). Intermezzo, The Walk to the Paradise Garden (Delius). Entr'acte from A "Village Romeo and Juliet" (Delius). Maroszeker Tänze (Kodaly). Ballet Music, "Ritter Pasman" (Strauss).

12 noon

ATHLONE, 12.0—Unveiling of Easter Week (1916) Memorial Monument in the General Post Office, Dublin. BARCELONA, 12.15—Municipal Band, from the Palacio en Bellas Artes. Conductor: Juan Lamoje de Grignon. BERLIN, 12.0—See Hamburg. 12.55—Talk: Berlin Boys and the Country. BEROMÜNSTER, 12.0—Radio Orchestra. Conductor: Gilbert. In the Interval at 12.30: News. BRESLAU, 12.0—Concert. Waldenberg "Bergkapelle." Conductor: Kaden. Arthur Preil (Humorist). March, Lustig sein is heut' Parole

ATHLONE, 12.0—Time; Chimes. 12.2—Hansens Instrumental Ensemble. Overture, "Agrippina" (Handel). Largo from the Clarinet Quintet (Mozart). Selection, "Orpheus and Eurydice" (Gluck). Gavotte (Martini). Adagio from the Violin Concerto in E (Bach). Minuet (Beethoven). Andante cantabile, with variations (Beethoven). Chamber Sonata for Two Violins and Pianoforte (Corelli). Ave Verum (Mozart). Scherzo (Schubert). Frühlingsglaube (Schubert). Excerpts, Le tombeau de Couperin (Ravel). Adagio funebre (Carsen). Selection, "The Barber of Seville" (Rossini). In the Interval at 12.50: Reading (Ibsen).

ATHLONE, 1.0—Records. BARCELONA, 1.0—Chimes; Band (contd. from 12.15). BERLIN, 1.0—Talk (contd. from 12.55). 1.5—See 12.0 Hamburg. BEROMÜNSTER, 1.0—Orchestra (contd. from 12.0). 1.30—Rural Programme. BRESLAU, 1.0—Concert (contd. from 12.0). BRNO, 1.45—German Transmission: For Farmers; Folklore. BRUSSELS (No. 1), 1.0—News; Report of the Doullens Stage, Paris-Roubaix Cycle Race. 1.10—Records. 1.40—Symphonic Excerpts, "Parsifal" (Wagner) on Records. BRUSSELS (No. 2), 1.0—News.

10 a.m.

BERLIN, 10.0—Cathedral Chimes. 10.5—Weather. BEROMÜNSTER, 10.0—Protestant Service. 10.45—Easter in Literature and Music. BRATISLAVA, 10.0—Catholic Service. 10.15—Station Orchestra. Conductor: Dyk. BRESLAU, 10.0—Easter Readings and Records. BRNO, 10.0—Reading. BRUSSELS (No. 1), 10.0—Records. Cloches en volée. Selection, "The Messiah" (Handel). BRUSSELS (No. 2), 10.0—Ecclesia orans (Montillet), from Malines Cathedral. The St. Rombaut Choir. BUCHAREST, 10.30—Religious Address. 10.45—Religious Notes. BUDAPEST (No. 1), 10.0—Mass. COLOGNE, 10.0—Songs by a Girls' Choir. 10.30—Reading: Pörtmakers Poosken (Euringer). DEUTSCHLANDSENDER, 10.0—Records: Easter Chimes and Songs. FRANKFURT, 10.0—Mass (Bruckner) (contd. from 9.0). 10.30—Easter Reflections. HAMBURG, 10.30—Reading.

1 p.m.

ATHLONE, 1.0—Records. BARCELONA, 1.0—Chimes; Band (contd. from 12.15). BERLIN, 1.0—Talk (contd. from 12.55). 1.5—See 12.0 Hamburg. BEROMÜNSTER, 1.0—Orchestra (contd. from 12.0). 1.30—Rural Programme. BRESLAU, 1.0—Concert (contd. from 12.0). BRNO, 1.45—German Transmission: For Farmers; Folklore. BRUSSELS (No. 1), 1.0—News; Report of the Doullens Stage, Paris-Roubaix Cycle Race. 1.10—Records. 1.40—Symphonic Excerpts, "Parsifal" (Wagner) on Records. BRUSSELS (No. 2), 1.0—News.

SUNDAY April 21

1 p.m. (contd.)

1.10—Orchestra. Conductor: Walpot. Serenade for Violin, Cello, Double Bass, Clarinet and Piano-forte (Saint-Saëns). Pieta (Karel Albert). Canon (Schumann). Panis Angelicus (Franck). Aurore (Leemans). 1.30—Records. Die Musik kommt (Oscar Straus). Vittoria, Vittoria (Carissimi). Le rossignol (Blessiane). Love's Old Sweet Song (Bingham). The Chinese Story-Teller (Dreyer). Van Jesus en Sint Janneken. Serenade badine (Gabriel-Marie). Intermezzo, Das erste Herzklopfen (Eifenberg). In the Garden of Roses (Bayer). In the Interval: Report of the Paris-Roubaix Cycle Race. BUCHAREST, 1.0—Orchestra. In the Interval at 1.15: News. BUDAPEST (No. 1), 1.0—Orchestra (contd. from 12.45). BUDAPEST (No. 2), 1.30—Balalaika Orchestra. COLOGNE, 1.0—Greetings. 1.5—See 12.0 Hamburg. DEUTSCHLANDSENDER, 1.0—Greetings. 1.10—See 1.0 Munich. FRANKFURT, 1.0—Stories of the People. 1.15—Records: Classical German Dances. HAMBURG, 1.5—Orchestra (contd. from 12.0). HILVERSUM, 1.0—Records. 1.10—Carillon. 1.30—Pierre Palla (Organ) and Helene Cals (Soprano). Dedication (Wolderingh). Scottish

2.40 P.M. HUIZEN

THE NEW LIGHT

An Easter Cantata, sung by the Boys' Choir "Cantemus Domino" at Reusel, conducted by Jan van Berkel. Organ—Rev. Père René

Song (Hennessy). Evening (Thomas). The Landscape (Hahn). Conte d'avril (Widor). Three Songs (Pierné). Nuit d'étoiles (Debussy). Panis angelicus (Franck). 1.55—Reading. HUIZEN, 1.0—Orchestra (contd. from 12.55). 1.40—Literary Talk. KALUNDBORG, 1.0—Instrumental Ensemble (contd. from 12.2). KÖNIGSBERG, 1.0—See 12.0 Breslau. LEIPZIG, 1.0—Leipzig Symphony Orchestra. Conductor: Blumer. Overture, Am Rhein (Kaun). Waltz, "Der Rosenkavalier" (Strauss). Les préludes (Liszt). Peer Gynt Suite No. 2 (Grieg). Hungarian Dances (Brahms). Siegfried's Rhine Journey (Wagner). Overture, "Oberon" (Weber). German Dances (Taubmann).

MONTE CENERI, 1.0—Orchestra (contd. from 12.35). 1.35—Opera Arias (on Records). MORAVSKÁ - OSTRAVA, 1.0—Orchestra (contd. from 12.15). MUNICH, 1.0—Small Station Orchestra. Conductor: Kloss. Hugo Reker (Violin). Overture (Thomas). In a Monastery Garden (Ketelbey). Ballet Scene (Luigini). Selection, "Der Obersteiger" (Zeller). Waltz, Frühling in der Heimat (Krome). Extase (Ganne). Violin: The Canary (Poliakini). March, Frühlingskinder (Blankenburg). PARIS (Eiffel Tower), 1.0—News. 1.30—Jean Ibois Orchestra; Jean Sorbier (Songs). PARIS (Poste Parisien), 1.0—Concert (contd. from 12.50). 1.20—Interlude. 1.30—Variety. PARIS (PTT), 1.0—The Derveaux Symphonic Jazz Orchestra. In the Interval at 1.20. News. PARIS (Radio-Paris), 1.0—Concert (contd. from 12.15). PRAGUE, 1.0—See 12.15 Moravská-Ostrava. 1.30—For Farmers. 1.45—News. ROME, 1.0—Time; News. 1.10—See Turin. 1.30—Records. SOTTENS, 1.0—Records. STRASBOURG, 1.0—Records.

STUTT GART, 1.0-2.0—See Frankfurt. TOULOUSE (Radio-Toulouse), 1.0—News. 1.5—Light Music. 1.45—Protestant Service. TURIN, 1.0—Time; News; Records. 1.10—Request Records. VIENNA, 1.0—Orchestra (contd. from 12.45). WARSAW, 1.0—Dramatic Programme. 1.15—Easter Programme.

2 p.m.

ATHLONE, 2.0—Records. BARCELONA, 2.0—Records. 2.30—Theatre Notes; Amusement Guide; Records. 2.55—Film Notes. BERLIN, 2.0—Records of Famous Singers. BEROMÜNSTER, 2.0-2.30—Rural Programme. BRESLAU, 2.0—News. 2.10—Reading for Women. 2.30—Greetings. 2.35—Johann Strauss (Father and Son) and Josef Strauss—Gramophone Cabaret. BRNO, 2.0-2.15—German Transmission (contd. from 1.45). BUDAPEST (No. 1), 2.0—Arpád and Jancsi Toll Cigány Band. BUDAPEST (No. 2), 2.0—Balalaika Orchestra. COLOGNE, 2.0—"Harmonic" Mandoline Band. Conductor: Schneider. DEUTSCHLANDSENDER, 2.0—"Das verhexte Hasenkind"—Easter Fairy Tale with Songs (Börker): Emmi Goedel; Children's Choir. 2.30—Records. FRANKFURT, 2.0—Easter Programme for Children. HAMBURG, 2.0—"Das verzauberte Hasenkind"—Easter Fairy Tale with Songs (Börker). HILVERSUM, 2.0—Reading. 2.10—Sonata in A minor, (Grieg), by Carel van Leeuwen Boomkamp (Cello) and Henriette Bosmans (Pianoforte). 2.40—Talk: Easter Books. HUIZEN, 2.0—K.R.O. Orchestra. Conductor: van 't Woud. Overture, "Czar and Carpenter" (Lortzing). Accelerationen-Walzer (Strauss). Fantasia (Eberlé). Polish Dances (Scharwenka). Pizzicato Polka (Strauss). Gallop (Strauss). 2.40—"The New Light"—Easter Cantata. KALUNDBORG, 2.0—Gunder Knudsen Songs by Aage Thygesen. 2.30—Children's Choir. Conductor: Kirstine Friis-Hjorth. KÖNIGSBERG, 2.0—Chess Lesson. 2.30—Talk with Records: American Folk Songs. LEIPZIG, 2.0—Orchestra (contd. from 1.0). 2.20—Time; Weather. 2.25—Talk: German Easter Customs. 2.45—Records: Parsifal (Wagner). MOSCOW (No. 1), 2.0—Swedish Talk: Mourmansk. MUNICH, 2.0—Talk: An Old Bavarian Peasant Meal. 2.20—Request Records.

3.0 P.M. KALUNDBORG

CLASSICS

The Radio Orchestra, Conductor, Fritz Mahler Good Friday Music (Parsifal), Wagner Overture, Coriolan, Beethoven Ballet Music (Orfeo), Gluck Haydn Variations, Brahms Concerto grosso, Vivaldi Divertimento No. II, Mozart Overture, A Midsummer Night's Dream, Mendelssohn

PARIS (Eiffel Tower), 2.0—Ibois Orchestra; Sorbier (Songs). PARIS (Poste Parisien), 2.0—Request Programme. PARIS (PTT), 2.0—Dramatic Programme by Artists of the Comédie-Française with M. Roger Monteaux "Toi et moi" (Géraldy). "Les Lisérons" (Franc-Nohain). "Le lac Lovers" (Caop). A Fable (La Fontaine). "Deux historiettes de Patachou" (Derême). "Cantique du Vin" (Ponchon). "Eux" (Donnay). PARIS (Radio-Paris), 2.0—Bilboquet as Cleaner. 2.15—"Colin-Mail-

lari"—Play in One Act in Verse (Gentil). ROME, 2.0—Records. 2.15-3.5—Programme for the Mediterranean District. 2.15—Time; Announcements. 2.25—Symphony Concert. Overture, "Don Giovanni" (Mozart). Lefontane di Roma (Respighi). Selection, "The Thieving Magpie" (Rossini). 2.55—Programme Announcements. STRASBOURG, 2.45—Sports Report. STUTT GART, 2.0—See Frankfurt.



Roger Monteaux, of the Comédie Française taking part in the Paris PTT plays at 2.0 p.m.

TOULOUSE (Radio-Toulouse), 2.0—Amusement Guide. VIENNA, 2.0-2.15—Orchestra (contd. from 12.45). WARSAW, 2.0—Records.

3 p.m.

BARCELONA, 3.0—Light Music. BERLIN, 3.0—For Smallholders. BRESLAU, 3.0—Strauss—Gramophone Cabaret (contd. from 2.35). 3.30—"Snow-White and the Seven Dwarfs"—Fairy Play with Music (Grimm-Colberg). BUDAPEST (No. 1), 3.0—For Farmers. 3.45—Records. BUDAPEST (No. 2), 3.0—Rösler (Songs). COLOGNE, 3.0—"Brüderchen und Schwesterchen"—Fairy Play (Stade). 3.45—Talk: Allodial Tenure. DEUTSCHLANDSENDER, 3.0—Records. 3.15—"Easter Eggs"—Farce (Hahn). Music by Jentsch. FRANKFURT, 3.0—Rural Programme: Peasant Poetry; Easter Sequence (Bruchhäuser). HAMBURG, 3.0—Erwin Zillinger Song Recital from Kiel. The Kiel a-capella Choir. Conductor: The Composer (Pianoforte). Erna Permin (Contralto). Der Wind. Wald im Frühlingsturm. Contralto: (a) Holsteinische Landschaft, (b) Am Roten Kliff. Die graue Stadt am Meer. Contralto: Ostern am Deich. Meeresstrand. 3.30—"Spring." Station Dance Band. Conductor: Heinemann. HILVERSUM, 3.0—Talk (contd. from 2.40). 3.10—"Faust in Music." Groninger Orchestra. Conductor: Kuller. Eine Faust Overture (Wagner) Excerpts. "The Damnation of Faust" (Berlioz). Overture, Faust (Schumann). Excerpts, "Faust" (Gounod). In the Interval: Readings by Leo Straus from Goethe's "Faust." HUIZEN, 3.0—Easter Cantata (contd. from 2.40). 3.40—K.R.O. Programme. Papal March. Roman Catholic Address. K.R.O. Orchestra: (a) Festival March (Blankenburg). (b) Overture, "Princess Golden Slippers" (Rust). Talk. Missionary News. K.R.O. Orchestra: (a) Einzug der Rosenkönigin (Rhode). (b) Florentine March (Futik). KALUNDBORG, 3.0—Radio Orchestra. KÖNIGSBERG, 3.0—Easter Story. 3.15—"Der Hase Tausendassa"—Easter-Play (Elisabeth von Brandis). LEIPZIG, 3.0—Records: Parsifal (Wagner). 3.30—Reading from Parsifal (Eschenbach). MOSCOW (No. 1), 3.15—For Children. MUNICH, 3.0—Reading (Ortner) from Nürnberg. 3.40—Children's Programme.

OSLO, 3.30—N.B.C. Programme from New York. Norwegian Easter Programme. Address by Dr. Aassgard. St. Olaf Choir, Minnesota. Male Voice Choirs. Magnhild Feldheim (Soprano). Peter Berge (Announcer). PARIS (PTT), 3.0—Dramatic Programme (contd. from 2.0). After the Dramatic Programme. Report on the Paris-Roubaix Cycle Race. 3.30 (approx.)—The Locatelli Orchestra. Petite Pièce d'Antan (Février). Berceuse (Leuntings). Humoresque (Leuntings). Twelve Epigrams (Roseberg). Habanera nocturne (Cadou). Moorish Serenade (Chapi). Sous ta fenêtre (Chaminade). Spanish Serenade (Chaminade). Canzonetta (d'Am-brosio). Noveletta (Durand). Schubert Potpourri (Foulds). Suite, Portraits (Closset). Scherzo (Dvořák). Waltz, Amoureuse (Berger). Lied maritime (d'Indy). Pitres napolitaines (d'Indy). PARIS (Radio-Paris), 3.0—Running Commentary on the Race for the Presidents Cup, relayed from the Autenil Race Course. RADIO NORMANDIE, 3.0—Service from Rouen Cathedral. ROME, 3.0-3.5—National Anthems. SOTTENS, 3.0—"Faust"—Opera (Gounod) by the Cast of the Paris Opera. Conductor: Busser (Records). STOCKHOLM, 3.0—Orpheus Male Voice Choir. Conductor: Hägg. STUTT GART, 3.0—See Frankfurt. TURIN, 3.30—Records; Sports. VIENNA, 3.0—Time; News; Announcements. 3.10—Book Review. 3.35—Talk: The Achensee. WARSAW, 3.0—Popular Programme. 3.30—Dance Music.

4 p.m.

BARCELONA, 4.0—For Hospitals. BERLIN, 4.0—Concert. Military Band. Conductor: Berdien. Accordion Band. The Berlin Mozart Children's Choir. Conductor: Calliez. Festouverture (Lortzing). Waltz, Vive la danse (Waldteufel). Swabian Rhapsody (Kämpfer). March, William of Nassau (Gravert). Accordion Band: (a) March, Im Sturm voran (Lange), (b) Roman-tischer Walzer (Heinecke), (c) Drunt in der Lobau (Streckler), (d) Mein Walzer aus Wien (Jungherr), (e) Accordeana (Grüber). Choir: (a) Alter deutscher Tanz (Hassler), (b) Die Henne (Scandellus), (c) Folk Song, Waldvöglein, (d) Folk Song, Horch, was kommt von draussen rein. Accordion Band: (a) An der Waterkant (Jungherr), (b) Ahoi, ahoi (Geisler), (c) Tango, Ich bin allein mit meiner Liebe (Bochmann), (d) Polka, Hokus-Pokus (Pörschmann), (e) Intermezzo (Jungherr). Choir: Five Folk Songs. Accordion Band: (a) Waltz, Mia bella (Sommerfeld), (b) Was willst du blösz in Spanien (Alex), (c) Eine Seefahrt, die ist lustig (Bordes), (d) March, Florida (Ortleb). March, Evviva Verdi (Marsh). Overture, "Maritana" (Wallace). Intermezzo and Spanish Dance, "L'Arlesienne" (Bizet). Swedish Wedding Procession (Brase). Selection, "The Geisha" (Jones). March, Sächsentreue (Schmidt). BEROMÜNSTER, 4.0—"s Glick mit dr Latärne gfunde"—Alsatian Dialect Liederpiel (Schmidt). 4.40—Old Italian Music. Radio Orchestra. Conductor: Gilbert. BRESLAU, 4.0—See Leipzig. BRNO, 4.0—Variety. BRUSSELS (No. 1), 4.30-4.45—Report: Finish of the Paris-Roubaix Cycle Race. BRUSSELS (No. 2), 4.0 (approx.)—Report of the Finish of the Paris-Roubaix Cycle Race. BUCHAREST, 4.0—For Peasants. BUDAPEST (No. 1), 4.0—Records. 4.30—Talk: Easter Folk Customs. COLOGNE, 4.0—Wind Band from Siegen. Conductor: Deisenroth. Festmarsch (Lachner). Overture, "Halka" (Moniuszko). Scandinavian Wedding (Brase). Waltz, Märchen aus Alt-Wien (Ziehrer). Romantic Suite (Armandola). Swabian Rhapsody No. 4 (Kämpfer). Saarlandfanfare (Deisenroth). Bräudererfanfare (Deisenroth). Fliegermarsch (Deisenroth). Six Marches. Erinnerungen aus dem Militärleben (Reckling). DEUTSCHLANDSENDER, 4.0—See Leipzig. FRANKFURT, 4.0—Orchestra from Cassel. Conductor: Maurick. Olympiade - Marsch (Schubotz). Frühlingwalzer (Lincke). Overture,

The Frog King (Rust). Gnomens-Parade (Wetzel). Suite, Manchuriner Sketches (Glan). Intermezzo, Savoyarda (Friedel-Lienz). Comedy Overture (Cardoni). Tanz der Teepuppen (Siede). Polka, Schelmenaugen (Uschmann). Potpourri, So singt man nur in Wien (Hruby). Gavotte (Lincke). Liebeslied (Rust). Waltz, Lachender Lenz (Löhrl). Potpourri, Die Wache zieht auf (Kochmann). HAMBURG, 4.0—"Spring Fashions"—Variety. Wireless Ladies Trio, Heinemann Dance Band, Gertrud Schnitzer, Bernhard Jakschert and others. HILVERSUM, 4.0—"Faust in Music" (contd. from 3.10). 4.40—Songs (Gallus, Archangelski, Bortnianski, Janos, Cuypers) by the Haghe Sanghers. HUIZEN, 4.0—K.R.O. Programme (contd. from 3.40). 4.40—Records. KALUNDBORG, 4.0—Orchestra (contd. from 3.0). 4.30—Classical Records. KÖNIGSBERG, 4.0—See Leipzig. LAHTI, 4.0—Records: Light Classical Music. LEIPZIG, 4.0—Dresden Philharmonic Orchestra. Conductor: Schestak. Overture, König Drosselbart (Hanel). Romantic Suite (Koch). Two German Dances (Unger). Wedding Music (Jensen). Two Alsatian Peasant Dances (Merkling). Overture, "Der Bärenhäuter" (Siegfried Wagner). Selection, "Der Freischütz" (Weber). Scherzo (Ehren-

5.0 P.M. WARSAW TEA-TIME MUSIC The Racho Orchestra Waltz, "Gold and Silver" Lehár "Spring", Sinding Potpourri from the operetta, "The Bayadère", Kalmán

berg). Kocheler Ländler (Niemann). Festschmarz (Strauss). MOSCOW (No. 1), 4.0—News. 4.30—Communist Party Programme. MUNICH, 4.0—Small Station Orchestra. Conductor: Kloss. Franz Köppl (Accordion) and Troibner (Cello). Overture, "Der Opernball" (Heuberger). Cello: (a) Les millions d'arlequin (Drigo), (b) Brise de mer (Leoncavallo). Scenes, "Carmen" (Bizet). Waltz, Künstlerleben (Strauss). Accordion Solos. Selection, "Der Bestelstuden" (Müllöcker). The Kiss Serenade (Micheli). Stary Night (Micheli). Suite goliardica (Amadei). OSLO, 4.0—Radio Ensemble. Conductor: Holst. Overture, "Poet and Peasant" (Suppé). Selection, "The Daughter of the Regiment" (Donizetti). Gopak (Mussorgsky). The Blue Pavilion (Armandola). Romantic Waltz (Heinecke). Selection, "Gipsy Love" (Lehár).

PARIS (Poste Parisien), 4.30—Report of the finish of the Paris-Roubaix Cycle Race. PARIS (Radio-Paris), 4.0—"Hermance a de la Vertu"—Comedy in Two Acts (Roland-Lorde). PRAGUE, 4.0—See Brno. RADIO NORMANDIE, 4.0—Service (contd. from 3.0). ROME, 4.15—Talk. 4.30—Records; Sports Notes. SOTTENS, 4.0—"Faust" (Gounod) (contd. from 3.0). STOCKHOLM, 4.0—Records. STUTT GART, 4.0—See Frankfurt. VIENNA, 4.5—Talks: (a) Good Friday in Seville, (b) The Mosque at Cordova. 4.30—Walter Sachs and Karl vonwald-Westenhorst read. Introduction by Hanns Herrdeggen. WARSAW, 4.0—Dramatic Programme. 4.40—Readings.

5 p.m.

BARCELONA, 5.0—Records. BERLIN, 5.0—Concert (contd. from 4.0). BEROMÜNSTER, 5.0—Roman Catholic Address from St. Joseph's Church, Basle. 5.40—Wind Instrument Music. Radio Orchestra. Conductor: Neppach. BRATISLAVA, 5.55—Hungarian Transmission: Talk; Pianoforte. BRESLAU, 5.0—See 4.0 Leipzig.

5 p.m. (contd.)

BRNO, 5.0—Variety (contd. from 4.0). 5.30—Variations (Blazek) by Anna Skalicka (Pianoforte).
BRUSSELS (No. 1), 5.0—Duets for Strings—Costy and Arias (Violins), Courte (Viola). Sonata for Two Violins (Hotteterre). Andante con variazioni (Haydn). Duet in A minor (Bach). Sonate dans le goût

PRAGUE, 5.0—See 4.0 Brno. 5.30—Talk: Borneo. 5.45—Record. 5.50—German Transmission: German Theatre Orchestra. Conductor: Swoboda. Andersen (Bass) and Stubenrauch (Organ). Symphony for Strings (Kaufmann). Three Songs (Beethoven). Organ Concerto (Hindemith). Variations on a Haydn Theme (Brahms); News.

RADIO-NORMANDIE, 5.0—Service

6.30—Instrumental. Zanke (Flute), Scholl (Violin), Seesselberg (Cello), and Hattwig (Pianoforte). Two Violin and Cello Duets (Stamitz). Concerto (Blessinger). Allemande (Niemann). Hornpipe (Niemann). Capriccio (Zanke). Passacaglia for Violin and Cello (Halvorsen).

BRUSSELS (No. 1), 6.5—Reading. 6.15—Brandenburg Concerto No. 4 (Bach), conducted by Cortot (Records). 6.30—"Children"—Orchestra. Conductor: Walpot. Musique pour Guignol (Gabriel-Marie). Jeux d'enfants (Bizet). Nursery Song (Inghelbrecht). Children's Suite.

BRUSSELS (No. 2), 6.0—For Children. 6.15—Choral Music. Boerinnenjeugd (De Boeck). Choral to Words of Gertrud von le Fort. De zangers in het woud (De Boeck). Groot aan Vlaanderen (Van Passen).

BUCHAREST, 6.0—Weekly Review. 6.15—Dance Records.

BUDAPEST (No. 1), 6.0—Talk. 6.10—Military Band. Conductor: Fegyed-Fichtner.

BUDAPEST (No. 2), 6.0—Weidinger Orchestra. 6.15—Talk: Wedding Customs.

COLOGNE, 6.0—Talk in Dialect: The Easter Hare. 6.15—Sonata in D for Violin and Pianoforte (Beethoven), by Isabella Schmitz and Erich Rummel. 6.40—Talk: Freedom and the Fatherland.

DEUTSCHLANDSENDER, 6.0—"The Parents' Journey"—Sequence (Triebel). 6.30—Records: New Sound Film Music. In the Interval: Report of the International Film Congress at Berlin.

FRANKFURT, 6.0—Easter Programme for Young People. 6.30—Franz Hauck's Band.

HAMBURG, 6.0—Wind Band (contd. from 5.45). 6.45—Mark Twain Programme—An Interview; Anecdotes; Reading.

HILVERSUM, 6.0—Pruis and Mile. Stella Seemer (contd. from 5.40). 6.10—Talk: Football. 6.25—Records. 6.30—Sports Notes. 6.40—Mile. To van den Sluys (Songs) and Van den Horst (Organ). Organ: Three Choral Variations on "O Lamm Gottes unschuldig" (Bach). Song: Passionslied (Ph. E. Bach). Three Songs (Bach): (a) Auf, auf mein Herz mit Freuden, (b) An Ostern, (c) Jesus unser Trost und Leben. Organ: Air (Bach). Voice and Organ: (a) Stein der über alle Schätze (Bach), (b) Mein Jesu will es tunc (Bach). Organ Prelude and Fugue in D (Bach). In the Interval: Recitation by Van Dalsum.

HUIZEN, 6.0—Service (contd. from 5.40).

KALUNDBORG, 6.0—Service (contd. from 5.0). 6.20—Talk: Mental Homes. 6.50—Weather.

KÖNIGSBERG, 6.0—Talk: Manfred von Richthofen. 6.30—"Easter"—Literary Programme.

LAHTI, 6.10—Reading (Strindberg). 6.40—Sings Quartet in B (Beethoven), by the Sibelius Quartet.

LEIPZIG, 6.0—"Easter"—Sequence (Martin Raschke). 6.30—Old and New Easter Songs by Dorothea Schröder. Twelfth Century Easter Song (Hassler). Du siegst, Jesu (Elmenhorst-Höjner). Jesu unser Trost und Leben (Bach). Fifteenth Century Easter Song (Geilsdorf). Willkommen sei die fröhlich' Zeit (Wetz). Ostern (Kaun). Frühlingsglaube (Schubert). Ganymed (Schubert). Der Herr erstand (Rachmaninov). In der Frühe (Wolf). Er ist's (Wolf). Frühlingssonne (Trunk). Kling (Strauss).

MONTE CENERI, 6.30—Sports. 6.35—"Le sacre du printemps" (Stravinsky) on Records.

MADRID (EAJ7), 6.0—Chimes; Light Music.

MOSCOW (No. 1), 6.0—Review (contd. from 5.30). 6.30—Accordion; Folk Instrument Trio.

MUNICH, 6.5—"The Mastersingers" (Wagner).

OSLO, 6.0—Elegiac Trio (Rachmaninov) (contd. from 5.25). 6.15—Talk. 6.45—Rolf Rantza (Pianoforte). Choral Prelude (Bach). Chaconne (Handel). Nocturne in C minor. Ballad in G minor (Chopin).

PARIS (Eiffel Tower), 6.45—News.

PARIS (Poste Parisien), 6.0—Variety. 6.30—Dance Music. 6.45—Orchestra.

PARIS (PTT), 6.0—"Easter"—Records. Easter Idyll. Gloria. Cello: Easter Sunday at Sea (Dupont). Song: Hosanna (Granier). Grego-

rian Chant: Pascha nostrum. Kermesse, "Faust" (Gounod). 6.30—News.

PARIS (Radio-Paris), 6.0—Concert (contd. from 5.0).

PRAGUE, 6.0—German Transmission (contd. from 5.50). 6.55—Record.

RADIO-NORMANDIE, 6.30—Records. 6.45—Music.

ROME, 6.0—Concert (contd. from 5.0).

SOTTENS, 6.0—Spanish Music by Jeanne Romeau. Cordoba (Albeniz). Dance (Turina). Sevilla (Albeniz). Andalous (Fallá). 6.20—Reading. 6.40—Easter Songs by Marcel Crot (Baritone).

STOCKHOLM, 6.0—"Cenedoxus"—Play (contd. from 5.45).

STRASBOURG, 6.0—Medical Talk. 6.15—Sports Talk. 6.30—Orchestra. Conductor: Roskam. Pasodoble, Angelina (Ricardo). Lagunen-Walzer (Strauss). Songs: Overture (Arnau-Marwys). Serenade (Lohr). Songs. Cortège aux flambeaux (Kronberger-Marriot). Foxtrot Intermezzo (Kochmann). Potpourri (Houghton).

STUTTGART, 6.0-7.0—See Frankfurt.

TOULOUSE (Radio-Toulouse), 6.0—News; Racing. 6.15—Orchestra. 6.30—Tyrolese Music. 6.45—Opera Music.

TURIN, 6.0—Gym. 6.15—Weather. 6.20—Sports.

VIENNA, 6.0—Komzak Concert (contd. from 5.0).

WARSAW, 6.0—To be announced. 6.35—Reading. 6.45—Announcements. 6.55—Sound Film Music.

7 p.m.

ATHLONE, 7.30—Pageant in Commemoration of Easter, 1916.

BARCELONA, 7.0—Station Orchestra. 7.30—Forés (Tenor).

BERLIN, 7.0—The Trout Quintet (Schubert), by Wolfgang Borries (Pianoforte), Siegfried Borries (Violin), Carl Spannagel (Viola), Hans Metzler (Cello) and Hermann Mentzel (Double Bass). 7.40—Sports.

BEROMÜNSTER, 7.0—Sports. 7.5—Radio Orchestra. Conductor: Neppach. 7.35—Talk: Easter. 7.50—Ibolyka Zilzer (Violin).

BRATISLAVA, 7.35—Easter Service.

BRESLAU, 7.0—Instrumental (contd. from 6.30). 7.30—Reading.

BRUSSELS (No. 1), 7.0—Roman Catholic Address by the Rev. Fr. Loslever, O.P. 7.15—Gregorian Records. 7.30—Music Review; Education Notes.

BRUSSELS (No. 2), 7.0—Easter Call to Youth by Anton van de Velde. 7.15—Te Deum (Van Nuffel). 7.30—Music Talk.

BUCHAREST, 7.0—Educational Talk. 7.20—Records: Light Romanian Music.

BUDAPEST (No. 1), 7.0—Military Band (contd. from 6.10). 7.15—"Ohne Musik kann ich nicht leben"—Comedy (Zsigmond Möricz).

BUDAPEST (No. 2), 7.10—Budapest Concert Orchestra. Conductor: Komor. Overture, "Der Opernball" (Heuberger). Indian Suite (Lüling).

Old Favourites

The Franz Hauck Band

- Moonlight on the Alster, *Fetras*
- Serenade *Heykens*
- Stephanie Gavotte *Czibulka*
- Birthday Serenade *Linke*
- Waltz, Over the Waves *Rosas*
- Brownies' Parade *Noack*

6.30 P.M. FRANKFURT

España (Waldteufel). Parade of the Tin Soldiers (Pierne). Harem in Morocco (Nagyptál). Ballet Suite, "Pas des Fleurs" (Delibes).

COLOGNE, 7.0—Records: Serenade No. 10 in B flat (Mozart). Serenade in C (Tchaikovsky). 7.40—A Flying Visit. 7.55—Sports.

SUNDAY April 21

DEUTSCHLANDSENDER, 7.0—"Easter in Folk Songs"—Sequence (Berien). Station Chamber Choir and Orchestra; German Oratorio Choir. Conductor: Vack. Hildgard Erdmann (Soprano), Helmut Melchert (Tenor), Hans Hartwig (Baritone).

FRANKFURT, 7.0—"Das Apostelspiel"—Play (Max Mell). 7.50—Sports.

HAMBURG, 7.0—Mark Twain



[E.N.A.]

Bilboquet, who contributes regularly to the mirthful side of Radio-Paris programmes (to-day at 7.0 p.m.)

(contd. from 6.45). 7.15—Oskar Deffner (Organ) and Erich Harnisch (Viola) from St. Nicholas Church, Kiel. Präambulum (Schildt). Christ ist erstanden (Scheidt). Largo from the Viola Sonata (Eccles). Variations (Murschhauser). Adagio and Allegro from the Viola Sonata No. 2 (Tartini). Canzone (Drischner). 7.50—Weather.

HILVERSUM, 7.0—Songs and Organ (contd. from 6.40). 7.40—Van den Horst (Organ). Three Pieces (Couperin): (a) Angus-Dei, (b) Qui tollis peccata mundi, (c) Deo Gratias. Fantasia in C (Frank). In the Interval: Religious Address.

HUIZEN, 7.0—Service (contd. from 5.40); Records.

JUAN - LES - PINS (Radio Côte d'Azur), 7.15—Overture, Easter (Rimsky-Korsakov), by the Station Orchestra. 7.30—Roman Catholic Service.

KALUNDBORG, 7.0—Time; News; Sports. 7.30—Talk: The Protection of Nature in Greenland.

KÖNIGSBERG, 7.5—Talk: East Prussia. 7.30—Hans Eggeft (Baritone) and Kurt Sachs (Cello). Three Pieces (Schumann). Gellert Songs (Beethoven): (a) Bitten, (b) Die Liebe des Nächsten, (c) Vom Tode, (d) Die Ehre Gottes aus der Natur, (e) Gottes Macht und Vorsehung, (f) Busslied.

LAHTI, 7.0—Quartet (contd. from 6.40). 7.10—Talk. 7.25—Address. 7.45—Station Orchestra. Conductor: Linko. Selection, "Die Lorelei" (Catalani). Folk Music.

LEIPZIG, 7.0—Easter Songs (contd. from 6.30). 7.10—Talk: The "Kraft durch Freude" Workers' Society. 7.50—Talk: Nero Claudius Drusus (Germanicus).

MADRID (EAJ7), 7.0—Art Review; Station Sextet.

MONTE CENERI, 7.0—For Children. 7.15—Report from a Children's Home: Easter. 7.45—News. 7.55—Sports Notes.

MORAVSKÁ-OSTRAVA, 7.5—Folklore Programme.

MOSCOW (No. 1), 7.0—Accordion; Folk Instrument Trio.

MUNICH, 7.0—"The Mastersingers" (contd. from 6.5). In the Interval at 7.20: Talk; Easter Reminiscences.

OSLO, 7.0—Pianoforte (contd. from 6.45). 7.15—Weather. 7.20—Station Orchestra. Conductor: Kramm. Per Wang (Flute). Flute Concerto (Mozart). Good Friday Magic, "Parsifal" (Wagner). Scherzo, "A Midsummer Night's

THE MASTERSINGERS

WAGNER

from the National Theatre

Hans Sachs—Nissen | Beckmesser—Vogel | Eva—Cäcilie Reich
 Pogner—Bender | Walter—Fritz Krauss | Magdalena—Hedwig Fichtmüller
 Kothner—Rühr | David—Carnuth

Conductor—Knappertsbusch

6.5 P.M. MUNICH

Italian (Corrette). Fugue (Hindemith). Allegro (Weismann). 5.30—"Easter Eggs"—Play for Children (Desmet).

BRUSSELS (No. 2), 5.0—Radio Orchestra. Conductor: Douliez. Première Valse en sourdine (Ackermans). The Moonlight Sonata (Beethoven). Petite Suite (Meulemans). 5.25 (approx.)—Sports Notes. 5.30—For Children.

BUCHAREST, 5.0—Records: Romanian Music.

BUDAPEST (No. 1), 5.0—Weidinger Orchestra. 5.40—Talk.

BUDAPEST (No. 2), 5.40—Weidinger Orchestra.

COLOGNE, 5.0—Wind Band (contd. from 4.0).

DEUTSCHLANDSENDER, 5.0—See 4.0 Leipzig.

FRANKFURT, 5.0—Orchestra (contd. from 4.0).

HAMBURG, 5.0—Variety (contd. from 4.0). 5.30—Easter Story (Max Sidow). 5.45—Wind Band from Bremen. Conductor: Bahrs. Three Marches. Overture, "The Nuremberg Doll" (Adam). Waltz, Die Hydropathen (Gungl). Three Marches. Hochzeitsständchen (Klose). Cavalry March (Wilhelm). Potpourri, Alte deutsche Treue (Frantzen).

HILVERSUM, 5.0—Records; Sports Results. 5.40—Pruis and Mile. Stella Seemer, in their repertoire.

HUIZEN, 5.0—Records. 5.10—For Invalids. 5.40—Protestant Service from the "Groote Kerk", Vlaardingen.

KALUNDBORG, 5.0—Service from Christiansborg Castle Church.

KÖNIGSBERG, 5.0—Sports Notes. 5.10—See 4.0 Leipzig.

LAHTI, 5.0—Vespers from St. John's Church.

LEIPZIG, 5.0—Orchestra (contd. from 4.0).

MORAVSKÁ-OSTRAVA, 5.30—Tourist Report. 5.45—Records.

MOSCOW (No. 1), 5.0—Communist Party Programme. 5.30—Review of Educational Programmes; Songs.

MUNICH, 5.0—Orchestra (contd. from 4.0). 5.30—"Ohlsdorf"—Literary and Musical Sequence (Joseph Bauer-Peissenberg).

OSLO, 5.0—Reading (Krag). 5.25—Elegiac Trio (Rachmaninov). Blom Norheim (Violin). Kurt Müller (Cello) and Oystein Larsen (Pianoforte).

PARIS (Poste Parisien), 5.0—Orchestra. 5.15—Variety.

PARIS (PTT), 5.0—One Act Comedies: (a) "Les méprises de l'amour" (Villeroij). (b) "Une femme survit" (Villeroij). (c) "Crésus Vagabond" (Léry-d'Alzac).

PARIS (Radio-Paris), 5.0—Popular Concert. Conductor: Kartun. Overture, "The Secret Marriage" (Cimarosa). Andante (Grieg). Canzonetta (Mendelssohn). Two Norwegian Dances (Grieg). Rhapsody in Blue (Gershwin). Marche des petits soldats de plomb (Pierre). Marriage in the Stable (Stone). The Pig and the Fly (Burt). The Talking Doll (Infante). You are my Heart's Delight. "The Land of Smiles" (Lehar). Scènes napolitaines (Massenet). Caprice viennois (Kreisler). España (Waldteufel). March (Atkins).

(contd. from 3.0). 5.30—Carillon from Rouen Cathedral.

ROME, 5.0—Concert or Relay of an Opera.

SOTTENS, 5.0—"Faust" (Gounod) (contd. from 3.0).

STOCKHOLM, 5.5—For Children. 5.45—"Cenedoxus"—Play.

STRASBOURG, 5.0—See Paris (PTT).

STUTTGART, 5.0—See 4.0 Frankfurt.

TURIN, 5.0—Symphony Concert from the Augusteo. Conductor: Bernardino Molinari. Szymanowsky (Pianoforte).

VIENNA, 5.0—Komzak Anniversary Concert, from Baden. Baden Orchestra. Conductor: Hellmesberger. Mixed Choir. Conductor: Biegler. Rudolf Nilius and Karl Weissmann. Military March. Waltz, Mein Baden. Kaiser-Josef-Marsch. Overture, "Alpenrose." String Quartet: Volksliedchen und Märchen. March Potpourri (Hellmesberger). Waltz, Bud'ner Mad'n. Erzherzog Albrecht-Marsch. Potpourri, Fürs Herz und Gemüt. Waltz, Maieinzauber. Potpourri, Viennese Folk Music.

WARSAW, 5.0—Rachon Orchestra. 5.35—For Children. 5.50—To be announced.



[E.N.A.]

The German flying ace, von Richthofen, who is commemorated in the Königsberg programme at 6.0 p.m.

6 p.m.

BERLIN, 6.0—Concert (contd. from 4.0). 6.45—Report on the National Aviation Day.

BEROMÜNSTER, 6.0—Radio Orchestra. Conductor: Neppach. Serenade in A flat for Strings (O. Rippl). Serenade (A. Rippl).

BRATISLAVA, 6.0—Hungarian Transmission (contd. from 5.55). 6.40—Talk: Slovakia in Czech Poetry.

BRESLAU, 6.0—Reading in Dialect.

SUNDAY April 21

7 p.m. (contd.)

Dream (Mendelssohn). Symphonic Poem, Zorohayda (Svend- sen). Easter Overture (Rimsky- Korsakov). PARIS (Eiffel Tower), 7.0 — Talk. 7.15 — Weather. 7.25 — Racing; Time. 7.30 — Topical Talks. 7.45 — "Au Son de la Cloche" (Berthe d'Yd) by Berthe d'Yd and Paul Casan. PARIS (Poste Parisien), 7.0 — News. 7.20 — Announcements. 7.23 — Records; Amusement Guide. 7.33 — Operetta Music. 7.50 — Records.

BRESLAU, 8.0—See Frankfurt. BRUSSELS (No. 1), 8.0—Symphony Concert. Radio Orchestra. Conductor: Douliez. Germaine Teugels (Songs), Costy (Violin), Courte (Viola). Alleluia (Mozart). Symphonie concertante (Mozart). Suite (Michael Haydn). BRUSSELS (No. 2), 8.0—Symphony Orchestra. Conductor: André. Overture in C (Beethoven). Suite in Five Parts (Peeters). Easter, Excerpt from the Triptych (Blockx). 8.45—Roman Catholic Review. BUCHAREST, 8.0—Dramatic Programme. BUDAPEST (No. 1), 8.0—"Ohne Musik kann ich nicht leben"—Comedy (contd. from 7.15).

THE SERAGLIO COMIC OPERA, MOZART

Selim—Kurt Ehrhardt Belmonte—Peter Anders Konstanze—Lilly Trautmann Pedrillo—Werner Alsen Blonde—H. Neumann-Knapp Osmin—Wilhelm Strienz Conductor—Dr. Buschkötter Place—Turkey in the 16th century

8.0 P.M. COLOGNE

PARIS (PTT), 7.40—Talk. 7.45—Yvette Guilbert (Songs). PARIS (Radio-Paris), 7.0 — Bilboquet's Circus. 7.30—Variety. PRAGUE, 7.0—News. 7.5—See Moravská-Ostrava. 7.50—Band. RADIO-NORMANDIE, 7.0 — Records. 7.30—Light Music. 7.40 —News. ROME, 7.30—Sports Notes; Announcements. SOTTENS, 7.0 — Roman Catholic Address. 7.30—Pianoforte Sonata in E (Beethoven) by Arthur Schnabel (Records). 7.50—Sports. STOCKHOLM, 7.0—"Cenedoxus"—Play (contd. from 5.45). 7.15—News. 7.30—Ellen Lundin (Songs) and Algot Haquinus (Pianoforte). Songs: (a) Jeg giver mit Dikt til Vaaren (Sjögren), (b) Og jeg vil drage fra Sydens Blommer (Sjögren), (c) Song (Rangström), (d) Maj (Rangström), (e) Under häggarna (Jonsson). Pianoforte: (a) Scherzo a capriccio (Mendelssohn), (b) Nocturne (Grieg) (c) To Spring (Grieg). Songs: (a) Tjuugu aar (Melartin), (b) En vaarmelodi (Kilpinen), (c) Vaarvisa (Jordan), (d) Nu är stunden rikast (Jordan), (e) Spring Waters (Rachmaninov). In the Interval: Poetry Reading. STRASBOURG, 7.0—Orchestra (contd. from 6.30). 7.30—News. 7.45—Records. STUTTGART, 7.0 — See Frankfurt. 7.50 — Sports Report. TOULOUSE (Radio-Toulouse), 7.0—Opera Music. 7.10—Operetta and Light Music. 7.30—News. 7.45—Orchestra. 7.50—Talk. TURIN, 7.15—Sports Results; Records. 7.50—Announcements; Records. VIENNA, 7.0 — Time; Programme Announcements; Sports Report. 7.10—Programme Notes. 7.15—Septet in E flat (Beethoven). WARSAW, 7.0—Sound Film Music. 7.30—Talk: Poland from the Air.

BUDAPEST (No. 2), 8.0—Orchestra (contd. from 7.10). 8.30—Sports. COLOGNE, 8.0—"The Seraglio" (Mozart). DEUTSCHLANDSENDER, 8.0 — Sports Notes. 8.10—The Dance of the Easter Hares—Variety Programme. Hans Bund's Dance Band, Oskar Joost Orchestra, Inge Vesten, Erwin Hartung, Heinz Goedecke. FRANKFURT, 8.0—Opera Music. The Station Orchestra. Conductor: Rosbaud. Lea Piltti (Soprano), Martin Kremer (Tenor) and Willi Domgraf-Fassbaender (Baritone). Excerpts, "The Magic Flute" (Mozart). Overture, "Hans Sachs" (Lortzing). Arias (Lortzing): (a) from "Der Waffenschmied" and (b) "Czar and Carpenter." Overture, "The Thieving Magpie" (Rossini). Arias, "The Barber of Seville" (Rossini). Ballet Music, "Sicilian Vespers" (Verdi). Winter and Spring, "The Seasons" (Verdi). Hindu Song, "Sadko" (Rimsky-Korsakov). Aria, "Boris Godunov" (Mussorgsky). Trepak (Tchaikovsky). Excerpts, "Rigoletto" (Verdi). Overture, "The Force of Destiny" (Verdi).

HAMBURG, 8.10—See Deutschlandsender. HILVERSUM, 8.0—Van den Horst (Organ) (contd. from 7.40). 8.40—Time; News. 8.55—Mozart. A.V.R.O. Orchestra. Conductor: Trep. Jean Heuckeroth (Harp), Jan Prins (Flute) and Andries Roodenburg (Violin). HUIZEN, 8.0—Records. 8.30—Roman Catholic Address. 8.50—News. 8.55—K.R.O. Symphony Orchestra. Conductor: van Goudoever. Annie Woud (Cantalto). Overture, "Parsifal" (Wagner) Songs (Mahler): (a) Urlicht, (b) Ich bin der Welt abhanden gekommen, (c) Wer hat das Liedlein erdacht. Andante, Symphony in D (Mahler).

JUAN-LES-PINS (Radio Côte d'Azur), 8.0—News; Sports. 8.15 —Station Orchestra. Au clair de la lune (Lully). Plaisir d'amour (Martini). Chant hindou (Bemberg). Ninon (Tosti). 8.30—Sketch and Songs. KALUNDBORG, 8.0—Time; Chimes. 8.1—Easter Music from Copenhagen Cathedral. Raasted (Organ) and Walter (Tenor). Organ: Prelude and Fugue in E (Buxtehude). Cantata for Tenor, Strings and Organ (Bruhns). Fantasia on Christ ist erstanden (Bach). Ich weiss dass meiner Erlöser lebt—Cantata for Tenor with Violin Obligato and Continuo (Bach). Prelude and Fugue in E flat (Bach). KÖNIGSBERG, 8.0—Baritone and Cello (contd. from 7.30). 8.15—Sports Notes. 8.30—International Concert from the Kurhaus, Zoppot. Danzig Theatre Orchestra. Conductor: Kallipke. The Berlin Pianoforte Trio. Miliza Korjus (Coloratura-Soprano), of the Berlin Opera. Georg Czapliski (Baritone) of the Warsaw Opera, and Signe von Rappe (Soprano) of Stockholm.

Overture, "The Barber of Bagdad" (Cornelius). Concerto No. 7 in F for Three Pianofortes (Mozart). Coloratura-Soprano: Aria, "Ariadne auf Naxos" (Strauss). Baritone: Aria, "Othello" (Verdi). Soprano: Two Songs (Alfvén). Pianoforte Trio: Gavotte Caprice (Bortkiewicz). Baritone: Aria, "The Barber of Seville" (Rossini). Coloratura-Soprano: Goodbye (Tosti). Soprano: Song (Melartin). Pianoforte Trio: Waltz, Man lebt nur einmal (Strauss-Porzky). Baritone: Polonaise, "Verbum Nobile" (Moniuszko). Coloratura-Soprano: Waltz, Frühlingsstimmen (Strauss). LAHTI, 8.0—Orchestra (contd. from 7.45). In the Interval at 8.5: Talk. LEIPZIG, 8.0—Talk (contd. from from 7.50). 8.10—"Walther von der Vogelweide"—Radio Sequence (Breidert). MADRID (EAJ7), 8.0—Dance Music. MONTE CENERI, 8.0—Modern Music. Radio Orchestra. Conductor: Leopoldo Casella. Pastoral Suite (Atterberg). Concerto grosso for Strings and Pianoforte (Bloch). 8.45—Humorous Competition. MOSCOW (No. 1), 8.0—Dramatic Programme. MUNICH, 8.0—"The Mastersingers" (contd. from 6.5). 8.40—Time; News; Sports Notes. OSLO, 8.0—Orchestra (contd. from 7.20). 8.45—Variety. PARIS (Eiffel Tower), 8.0—"Au Son de la Cloche" (Berthe d'Yd) (contd. from 7.45). 8.15—Old Music. Ida Ackermann (Pianoforte), Jeanne Haskil (Violin), Recular (Cello). Musette (Leclair). Violin: Sarabande and Tambourin (Leclair). Pianoforte: (a) Sonatas (Scarlatti), (b) L'egyptienne (Rameau). Cello: (a) Pieces (Couperin), (b) Toccata (Frescobaldi). 8.45—Records: Light Music and Dance Music. PARIS (Poste Parisien), 8.0—Interlude. 8.15—"Faith, Hope and Charity"—Religious Poetry. 8.45—Interlude. PARIS (PTT), 8.0—Yvette Guilbert (Songs). 8.15—Sports Notes. 8.30—Plays: (a) "Le Quatrieme"—Comedy in One Act (Piechaud), (b) "Le Voile de Bonheur"—Play in One Act (Clemenceau), (c) "Le Cultivateur de Chicago"—Play in Two Acts (Timothy, after Mark Twain). PARIS (Radio-Paris), 8.0—Easter Concert. National Orchestra and Raugel Choir. Conductor: Inghelbrecht. Mme. Doniau-Blanc, Cathelat and Singher. Easter Cantata (Bach). Choir and Soloists: Easter Scene, "Scemo" (Bachelet). Easter Overture (Rimsky-Korsakov). In the Interval at 8.30: News; Weather. PRAGUE, 8.0—Band. 8.30—Talk: Fidlovačka, an Old Prague Festival.

Violin Concerto in A minor (Viotti). Pianoforte Sonata in D (Beethoven). Adagio in D (Brahms). Hungarian Dance (Brahms). Cradle Song (Joun). Tambourin chinois (Kreisl- ler). STUTTGART, 8.0—See Frankfurt. STOCKHOLM, 8.0—Ellen Lundin (Songs) and Algot Haquinus (Pianoforte) (contd. from 7.30). 8.25 —Sixth Symphony in F—the Pastoral (Beethoven) from the Concert House. Conductor: Ansermet. STRASBOURG, 8.0—News (in German); Records. 8.30—See Paris (PTT). TOULOUSE (Radio-Toulouse), 8.0—Talk. 8.15—Cigány Music. 8.30—Operetta Music. TURIN, 8.0—Records. 8.20—Monologue. 8.30—Time; News; Film Review. 8.45—Variety. VIENNA, 8.5—Motto. 8.10—"Das Mädel aus der Vorstadt"—Play in Three Acts (Nestroy). WARSAW, 8.0—Operetta Music. Station Orchestra and Soloists. Conductor: Górzynski. Selection, "The Land of Smiles" (Lehár), and "The Flower of Hawaii" (Abraham). 8.55—Talk: Life and Work in Poland.

9 p.m.

ATHLONE, 9.0—Commemoration Concert (contd. from 8.30). 9.30—Variety. BARCELONA, 9.0—Dance Music. BERLIN, 9.0—Orchestra (contd. from 8.0). BEROMÜNSTER, 9.0—News. 9.10 —Morel (Organ): Bopp (Flute), from the Zwinglihaus. BORDEAUX-LAFAYETTE, 9.0—"Mon Ami Teddy"—Comedy (contd. from 8.30). BRATISLAVA, 9.0—Folklore. BRESLAU, 9.0—See 8.0 Frankfurt. BRUSSELS (No. 1), 9.0—Talk by Mgr. Picard: Easter in Rome. 9.15—French Music. André. BRUSSELS (No. 2), 9.0—Radio Orchestra. Conductor: Douliez. Prelude for Violins (Bach). Nonet (De Jong). Recitation Procession (De Boeck). Triumphal Hymn from "Judas Maccabaeus" (Handel). 9.50—Christus vincit (Liszt). BUCHAREST, 9.0—Sports. 9.10—Hélène Bassarab (Songs). 9.30—Operetta Music. Station Orchestra. Viennese Operetta Potpourri (Hruby). Waltz, "Casanova" (Lincke). BUDAPEST (No. 1), 9.0—Sports Notes. 9.30—Imre Magyar Cigány Band. Lugossy (Tarogati). BUDAPEST (No. 2), 9.0—Len Baker's Jazz Band. COLOGNE, 9.0—"The Seraglio" (Mozart) (contd. from 8.0). DEUTSCHLANDSENDER, 9.0—Variety (contd. from 8.10).



The Great Bell of St. Peter's, Rome, which rings cut Easter chimes

[E.N.A.]

RADIO-NORMANDIE, 8.0—News. 8.15—Selection, "Mignon" (Thomas). 8.43—News. ROME, 8.30—Time; News; Records; Talk: The Anti-Tuberculosis Campaign in Italy. SOTTENS, 8.0—Alexandre Borovsky (Pianoforte) and Zoltan Székely (Violin). Sarabande and Gavotte from the English Suite in G minor (Bach). Chromatic Fantasia and Fugue (Bach). First Movement,

FRANKFURT, 9.0—Opera Music (contd. from 8.0). HAMBURG, 9.0—See 8.10 Deutschlandsender. HILVERSUM, 9.0—Mozart (contd. from 8.55). 9.40—Easter Poems by Paul Hui. 9.55—Kovacs Lajos' Orchestra. HUIZEN, 9.0—Orchestra (contd. from 8.55). 9.40—"Bel Cantato" a-cappella Choir of Amsterdam.

Conductor: Vranken. Haec Dies (Palestrina). Het Helmsche Kasteel (Nieland). Laudate Dominum (Vranken). 9.55—K.R.O. Symphony Orchestra. Conductor: van Goudoever. Rosa-Spier (Harp). Fantasia (Dubois). Suite, Carmen (Bizet). JUAN-LES-PINS (Radio Côte d'Azur), 9.0—News. 9.15—Request Programme. KALUNDBORG, 9.0—Easter Music (contd. from 8.2). 9.15—"Everyman"—Play (Hofmannsthal) translated by Jørgensen. KÖNIGSBERG, 9.0—Concert (contd. from 8.30). LAHTI, 9.0—Sports Report. LEIPZIG, 9.0—Leipzig Symphony Orchestra. Conductor: Hilmar Weber. Romantische Ouvertüre (Thuile). Variations on a Haydn Theme (Brahms). Entr'acte, "Rosamunde" (Schubert). Air, "Tannhäuser" (Wagner). Excerpts, "The Damnation of Faust" (Berlioz). Excerpts from the Moorish Rhapsody (Humperdinck). Overture, Russian Dance, Dance of the Marionettes and Flower Waltz from the "Nutcracker Suite" (Tchaikovsky). MADRID (EAJ7), 9.0—Dance Music from the Ritz. MONTE CENERI, 9.0—Humorous Competition. 9.15—Caruso Records Mi par d'udir ancor, "The Pearl Fishers" (Bizet). M'appari tutto d'amor, "Martha" (Flotow). L'alba separa dalla luce l'ombra (Tosti). Romance, Lasciatmi amar (Leoncavallo). 9.30—See Budapest. MOSCOW (No. 1), 9.0—German Programme for Children. MUNICH, 9.0—"The Mastersingers" (contd. from 6.5). OSLO, 9.0—Variety. 9.40—Weather. 9.45—News.

PARIS (Eiffel Tower), 9.0—Records: Light Music and Dance Music. PARIS (Poste Parisien), 9.0—Music Hall. 9.45—Interlude. PARIS (PTT), 9.0—Plays (contd. from 8.30). PARIS (Radio-Paris), 9.0—Easter Concert (contd. from 8.0) 9.15—News; Sports Notes. PRAGUE, 9.10—Station Orchestra. Conductor: Parik. Ludikar (Bass), Overture, "Rosamunde" (Schubert) Aria, "Figaro" (Mozart). Scherzo and Pizzicato from Symphony No. 4 (Tchaikovsky). Aria, "Philemon et Baucis" (Gounod). Polka (Zich). Spring Rhapsody (Marsik). RADIO-NORMANDIE, 9.0—News. 9.8 — Selection, "Mignon" (Thomas). 9.25—News. 9.30—Selection, "Cavalleria rusticana" (Mascagni). 9.45—Records. REYKJAVIK, 9.20—Light Classical Music: "Faust" in Music. ROME, 9.0—"La Bohème"—Opera in Three Acts (Puccini) from the Teatro Reale. SOTTENS, 9.5—News. 9.15—"Michel Auclair"—Play in Three Acts (Vildrac). STOCKHOLM, 9.0—The Pastoral Symphony (Beethoven) (contd. from 8.25). 9.15—Reading. 9.45—News. STRASBOURG, 9.0—See 8.30 Paris (PTT). STUTTGART, 9.0—See 8.0 Frankfurt. TOULOUSE (Radio-Toulouse), 9.0—Concert Version, "La fille de Madame Angot"—Operetta (Lecocq). TURIN, 9.0—Variety (contd. from 8.45). 9.45—Comedy (Goetz). VIENNA, 9.0—"Das Mädel aus der Vorstadt" (Nestroy) (contd. from 8.10). WARSAW, 9.0—A Play. 9.30—Warsaw-Cracow Exchange Programme. Poplawski (Tenor) and Smidowicz (Pianoforte) from Warsaw, Zboinska-Ruszkowska (Songs) from Cracow. Pianoforte: (a) Nocturne in B flat minor (Paderewski), (b) Polish Intermezzo (Paderewski), (c) Spring Night (Statkowski). Songs: (a) L'Attente (Saint-Saëns), (b) La Procession (Franck). Tenor: Song (Friedman). Pianoforte Variations in F sharp minor (Brzezinski). Songs: (a) Le soir (Noskowski), (b) Aria, "The Legend of the Baltic" (Nowowiejski), (c) Quand fleurissent les lias (Chausson), (d) Le Nil (Leroux). (e) Love's Spring-time (Holman).

10 p.m.

ATHLONE, 10.0—Variety. 10.30—Sports Talk by Sean O'Ceallachain. 10.45—Irish Music from the Mansion House, Dublin. BARCELONA, 10.0—Chimes; Records. 10.30—Art Report; Records. BERLIN, 10.0—News; Sports Notes. 10.30—See Königsberg.

10 p.m. (contd.)

BEROMÜNSTER, 10.0-10.15—Organ and Flute (contd. from 9.10). BORDEAUX - LAFAYETTE, 10.0—"Mon Ami Teddy"—Comedy (contd. from 8.30); Amusement Guide; Time. BRATISLAVA, 10.20—News in Hungarian. BRESLAU, 10.0—Time; News; Sports Notes. 10.30—See Königsberg. BRNO, 10.30—Station Orchestra. Conductor: Göthard. March (Fučík). Selection, "Donna Gloria" (Nedbal). Waltz (Zita). Polka (Sobotka). Potpourri (Morena). BRUSSELS (No. 1), 10.0—News. 10.10—Request Records. 10.55—Christus vincit (Liszt). BRUSSELS (No. 2), 10.0—News. 10.10—Records. Symphonic Poem, Redemption (Franck). Choral, Stimmt an die Saiten (Haydn).

COLOGNE, 10.0—Time; News. 10.30—See Königsberg. DEUTSCHLANDSENDER, 10.0—News; Sports Notes; Announcements. FRANKFURT, 10.0—News. 10.20—Folk Music by the Cassel Mandoline Band. Conductor: Hungerland. 10.45—Sports Notes. HAMBURG, 10.0—News. 10.30—Musical Programme. HILVERSUM, 10.0—Kovacs Lajos' Orchestra. 10.40—News. 10.55—Kovacs Lajos' Orchestra. HUIZEN, 10.0—Orchestra (contd. from 9.55). 10.15—Bach Cantata Arias. Annie Woud (Contralto). Aria, "Vergnügte Ruh, beliebte Seelenlust." Aria, Wohl Euch, Ihr Auserwählten Seelen. 10.25—"Bel Canto" a-Cappella Choir of Amsterdam. Conductor: Vranken. Yver, vous n'estes qu'un villain (Debussy). Trois beaux oiseaux du paradis (Ravel). Easter Song (Diepenbrock). 10.40—K.R.O. Symphony Orchestra. Conductor: van Goudoever.

ture, "The Italian Girl in Algiers" (Rossini). Peer Gynt Suite No. 1 (Grieg). Waltz, "Faust" (Gounod). Ballet Suite (Popy). Overture, "Flotte Bursche" (Suppé). Scènes pittoresques (Massenet). Liebesserenade (Löhr). Romance (Löhr). Waltz, Bei uns zu Haus (Strauss). Two Pieces (Muzilli). Selection, "Der Bettelstudent" (Müllöcker). Dem Lenz entgegen (Blankenburg). LEIPZIG, 10.0—Orchestra (contd. from 9.0). 10.30—News; Sports Notes. MADRID (EAJ7), 10.0—Variety. MONTE CENERI, 10.0—Sports Notes. MOSCOW (No. 1), 10.5—English Programme: (a) Weekly Review, (b) Talk: "A Caucasian Health Resort, (c) Letter-box. MUNICH, 10.0—"The Mastersingers" (contd. from 6.5). OSLO, 10.0—Topical Talk. 10.15—Variety. PARIS (Poste Parisien), 10.0—Music Hall. 10.30—Records. PARIS (PTT), 10.0—Plays (contd. from 8.30). 10.30—News. PARIS (Radio-Paris), 10.0—Easter Concert (contd. from 8.0). 10.30—Dance Music. PRAGUE, 10.0—News. 10.20—Record. 10.25—News in German. 10.30—See Brno. RADIO - NORMANDIE, 10.0—Records. 10.30—Light Music. 10.45—Orchestra. REYKJAVIK, 10.0—Light Classical Music; "Faust" in Music. ROME, 10.0—"La Bohème"—Opera (Puccini) (contd. from 9.0). SOTTENS, 10.0-10.30—"Michel Auclair"—Play (contd. from 9.15). STOCKHOLM, 10.0—Records. 10.45—Sports. STRASBOURG, 10.0—See 8.30 Paris (PTT). 10.30—Dance Music from the Caveau de l'Aubette. STUTTGART, 10.0-11.0—See Frankfurt. TOULOUSE (Radio-Toulouse), 10.0—"Au caveau de dix heures"—Fantasy. 10.10—Selection, "The Merry Widow"—Operetta (Lehár). 10.15—North African News. 10.30—"Mon coeur"—Fantasy. TURIN, 10.0—Comedy (contd. from 9.45). VIENNA, 10.0—"Das Mädel aus der Vorstadt" (contd. from 8.10). 10.10

News. 10.20—Vienna Symphony Orchestra. Conductor: Holzer. Maja Rajic (Soprano). Overture, "Simplicius" (Strauss). Rustle of Spring (Sinding). Songs. Waltz, Wenn du mich liebst (Lehár). Scene, "Die Puppenfee" (Bayer). Dance, Salamander (Wichtl). Waltz, Frühlingstimmen (Strauss). Potpourri, So singt man nur in Wien (Hruby). WARSAW, 10.0—Warsaw-Cracow Exchange Programme (contd. from 9.30). 10.30—Light Music and Dance Music.

SUNDAY April 21

STRASBOURG, 11.0—Dance Music from the Caveau de l'Aubette. STUTTGART, 11.0—See Frankfurt. TOULOUSE (Radio-Toulouse), 11.0—Orchestra. 11.15—Choir. 11.35—Operetta Music. Air, "The Bayadère" (Kálmán). Selection, "Rose Marie" (Friml) and "Miss Decima" (Audran). 11.45—Songs. VIENNA, 11.0—Orchestra (contd. from 10.20). 11.40—News; Announcements. WARSAW, 11.0—Light Music and Dance Music.

11 p.m.

ATHLONE, 11.0—Time; News. BARCELONA, 11.0—Records. 11.45—Chess; Records. BERLIN, 11.0—See 10.30 Königsberg. BRESLAU, 11.0—See 10.30 Königsberg. BRUSSELS (No. 1), 11.0—Heyne's Dance Band. BRUSSELS (No. 2), 11.0—Records: Act I, "Tannhäuser" (Wagner). BUDAPEST (No. 1), 11.0—Jazz Band (contd. from 10.45). COLOGNE, 11.0—See 10.30 Königsberg. DEUTSCHLANDSENDER, 11.0—See Frankfurt. FRANKFURT, 11.0—Franz Hauck Dance Band. Margot Saldern and Heini Schneider (Songs). HAMBURG, 11.0—See Frankfurt. HILVERSUM, 11.0—Kovacs Lajos' Orchestra. 11.40—News. 11.50—Records. HUIZEN, 11.0—Orchestra (contd. from 10.40). 11.10—News. 11.15—Records. 11.20-11.40—Epilogue. JUAN-LES-PINS (Radio Côte d'Azur), 11.0—Records. 11.30—Orchestra. KALUNDBORG, 11.0-11.10—Ballads (Chopin) (contd. from 10.45). KÖNIGSBERG, 11.0—Orchestra (contd. from 10.30). LEIPZIG, 11.0—See Frankfurt. MADRID (EAJ7), 11.0—Variety. MOSCOW (No. 1), 11.5—"The Kolyma-Peninsula"—Sketch in German. MUNICH, 11.0—See 10.30 Königsberg. PARIS (Poste Parisien), 11.0—Records. 11.30—Instrumental Interlude. 11.45—Records. RADIO-NORMANDIE, 11.0—Records. ROME, 11.0—"La Bohème"—Opera (Puccini) (contd. from 9.0).

12 midnight

BARCELONA, 12.0—Records. BERLIN, 12.0—See 10.30 Königsberg. 12.30—Records. BRESLAU, 12.0-12.30—See 10.30 Königsberg. BUDAPEST (No. 1), 12.5—News. COLOGNE, 12.0—See 10.30 Königsberg. 12.30—Records. DEUTSCHLANDSENDER, 12.0—See 11.0 Frankfurt. FRANKFURT, 12.0—Dance Band; Songs (contd. from 11.0). HAMBURG, 12.0—See 11.0 Frankfurt. HILVERSUM, 12.0—Records. JUAN-LES-PINS (Radio Côte d'Azur), 12.0—Dance Music. KÖNIGSBERG, 12.0-12.30—Orchestra (contd. from 10.30). LEIPZIG, 12.0—See 11.0 Frankfurt. MADRID (EAJ7), 12.0—Variety. 12.15—Dance Music. RADIO-NORMANDIE, 12.0—Dance Music. STUTTGART, 12.0—See 11.0 Frankfurt. TOULOUSE (Radio-Toulouse), 12.0—News. 12.5—Opera Music, Chorus and March, "Carmen" (Bizet). Arias, "Hérodiade" (Massenet), "Lakmé" (Delibes), and "Marouf" (Raubaud). 12.15-12.30—Band. VIENNA, 12.0—Announcements. 12.10—Sandauer's Jazz Band. Heinrich Friedl (Songs).

1 a.m. (Monday)

BERLIN, 1.0—Records. RADIO-NORMANDIE, 1.0—News. 1.10—Dance Music.

9.15 P.M. BRUSSELS NO. 1, FRENCH MUSIC

The Symphony Orchestra, Conductor—Franz André Rhapsody on two Folk-Songs (a) Dance, (b) Fête, Gaubert Schéhérazade, Ravel Singer—Mme. Germaine Teugels The Enchanted Forest, d'Indy

Vocal Quartet, Heilig Gott. Choral, Jauchzet den Herrn (Thiel). Choral, O Filii et filiae (Mignan). Poème d'extase (Scriabin). BUCHAREST, 10.0—News. 10.25—Lehár Operetta Music. Station Orchestra. Selection, "The Czardévitch." Overture, "Gipsy Love." BUDAPEST (No. 1), 10.0—Cigány Band (contd. from 9.30). 10.45—Eröss-Takács Jazz Band from the Café Ostend. Spanish Rhapsody (Ravel). Concert Waltz (Glazunov). JUAN-LES-PINS (Radio Côte d'Azur), 10.0—Request Programme. 10.30—Military Band. KALUNDBORG, 10.0—"Everyman"—Play (contd. from 9.15). 10.45—Ballads in G minor, A flat and F minor (Chopin), by Willumsen (Pianoforte). KÖNIGSBERG, 10.0—News. 10.30—Erich Börschel Orchestra. Over-



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MONDAY April 22

PRINCIPAL EVENTS

SYMPHONY CONCERTS

- P.M.**
 9.0 Warsaw: Orchestra, pianoforte.
LIGHT CONCERTS
 12.15 Warsaw: Grieg programme.
 3.0 Kalundborg: Danish music.
 4.0 Radio-Paris: Light music.
 5.0 Brussels 2: Orchestra.
 5.50 Leipzig: Easter music.
 7.0 Berlin: Spring music.
 7.0 Breslau: Orchestra, song, dance band.
 7.0 Deutschlandsender: Serenade.
 7.45 Regional: Orchestra, Dr. Boulst.
 7.45 Sottens: French orchestral music.
 8.0 Brussels 1: Radio orchestra.
 8.0 Brussels 2: Conductor, Meulemans.
 8.0 Königsberg: Variety concert.
 8.0 Leipzig: Orchestra, harp.
 8.0 Vienna: Radio Potpourri.
 8.0 Warsaw: Easter music.
 8.30 Eiffel Tower: Orchestra.
 8.45 Huizen: Classical music.
 8.55 Hilversum: Operetta music.
 10.5 National: B.B.C. String Orchestra.
 10.25 Vienna: Wagner programme.

OPERAS

- 4.0 Beromünster: "Parsifal," Act I.
 7.30 Prague: "The Jacobin" (Dvořák).
 9.0 Turin, Rome, Berlin: "La Straniera" (Bellini).
 11.0 Brussels 2: "Lucia di Lammermoor," records.

OPERETTAS

- 7.50 Budapest 1: "Prince Bob" (Huszka).
 8.0 Beromünster: "The little Café" (Benzatzky).
 8.0 Hamburg: "A Night in Venice" (Joh. Strauss).
 8.0 Stockholm: A Jules Sylvain operetta.

- 8.0 Stuttgart, Frankfurt: "Liselott" (Künneke).
 8.30 Paris (PTT): "Le Manoir de Pictordu" (Serpette).

CHAMBER MUSIC

- 2.20 Kalundborg: Trios (Mozart, Haydn).
 4.10 Huizen: Old music.
 5.45 Munich: Pianoforte and winds.
 7.0 Sottens: Max Reger Suite.
 8.0 Bucharest: Octet (Schubert).

RECITALS

- 3.25 Huizen: Organ.
 4.0 Warsaw: Violin, bass songs.
 6.0 Stuttgart, Frankfurt: Schumann songs of spring.
 6.15 Cologne: Song, violin, pianoforte.
 6.30 Brussels 1: Pianoforte, song; "Animals."
 6.40 Huizen: Vocal ensemble.
 6.50 Hamburg: Dialect songs.
 7.0 Radio-Paris: Songs, guitars.
 7.15 Königsberg: Tenor songs, pianoforte.
 7.20 Vienna: Vera Schwarz (soprano)

PLAYS

- 8.0 Radio-Paris: Humorous sketches.
 9.0 Brussels 1: "Le gendarme est sans pitié" (Courteline).
 9.0 Radio-Normandie: Three Comedies.

LANGUAGE LESSON

- 8.0 Berlin: German.

DANCE MUSIC

- 5.0 Brussels 1; 8.0, Kalundborg: Radio Ball for Young People; 10.10, Brussels 1, Regional; 10.15, Warsaw; 10.25, Budapest; 10.30, Breslau, Hamburg, Munich, Radio-Paris; 11.15, National; 11.30, Radio-Normandie; 12.5 (a.m.), Vienna.

MISCELLANEOUS

- 2.0 Deutschlandsender: The Grand Prix, Monaco.

NATIONAL

- Time Signals: Big Ben.—10.15 a.m., 5.15 p.m., 6.30 p.m., 12 midnight. Greenwich.—10.30 a.m., 2.0 p.m., 6.0 p.m., at the beginning of the Second News (normally 9.30 p.m.), 11.30 p.m.
 10.15 a.m. (Droitwich)—Service.
 10.30 (Droitwich)—Weather Forecast.
 10.45—Records.
 11.45—Organ (Ralph Langdon).
 12.30 p.m.—Records.
 1.15—B.B.C. Midland Orchestra, conducted by Leslie Heward.
 2.15—Records.
 2.45—The Western Studio Orchestra.
 3.45—Joseph Shadwick (Violin); Wilfrid Parry (Pianoforte). Sonata No. 8 in F (K.13) (Mozart); Sonata in A, Op. 100 (Brahms).
 4.20—Yeadon Old Prize Band. Ronald Simmon Wokes (Baritone).
 5.15—Maurice Igor and his Nomad Orchestra.
 6.0—"The First News."
 6.25—Interlude.
 6.30—Filming Plants and Animals—4: by a Pathologist.
 6.45—"The Cinema." Alistair Cooke.
 7.5—"The Foundations of Music." Bach—Church Cantatas.
 7.30—"The Story of the Gardens Round our Homes." Lady Rockley, C.B.E.
 8.0—Harry Roy and his Band in Hurry, Harry, Hurry! An Excursion in Rhythm with several Fellow Travellers.
 9.0—Students' Songs. Wireless Male Chorus. Stuart Robertson (Baritone).
 9.30—"The Second News."
 9.50—"Foreign Affairs." Sir Frederick Whyte, K.C.S.I., LL.D.
 10.5—B.B.C. String Orchestra (Section E), conducted by Frank Bridge. Mary Jarred (Contralto).—Orchestra: Variations on a theme of Tchaikovsky (Arensky). Mary Jarred and Orchestra: Where art thou? (Rodelinda) (Handel). Orchestra: Cherry Ripe, Sally in Our Alley (Bridge). Mary Jarred: All things have speech (Wolff); The Dahlia (Strauss); Faint-hearted (Reichard). Orchestra: Serenade for Strings (Dvořák).
 11.15-12.0 (Droitwich)—Dance Music: The Casani Club Orchestra.
 11.15-12.0 (London)—Television.

REGIONAL

- Time Signals: Big Ben.—10.15 a.m., 5.15 p.m., 6.30 p.m., 12 midnight. Greenwich.—10.30 a.m., 2.0 p.m., 6.0 p.m., before the Second News (normally 10.0), 11.30 p.m.
 10.15-10.45 a.m. (except Midland)—Droitwich.
 10.45—Cinema Organ (Tom Jenkins).
 11.15—B.B.C. Northern Orchestra. Noble Haigh (Violoncello).
 12.30 p.m.—Haydn Heard's Band.
 1.30—Dance Records.
 2.0—Arthur Salisbury and his Orchestra.
 3.0—Belfast Wireless Orchestra.
 4.0—The Hungarian Gipsy Band.
 4.45—Red Marley Open Hill Climber for Motor Cycles. Running Commentary by Graham Walker.
 5.15—The Children's Hour.
 6.0—"The First News."
 6.30 (except Western and Scottish)—Cinema Organ (Reginald Dixon).
 6.30 (Western)—Studio Orchestra.
 6.30 (Scottish)—Studio Orchestra.
 7.0—The Trial for the Dunmow Flitch by a Jury of Six Maids and Six Bachelors. Relayed from Foakes Memorial Hall, Dunmow.
 7.45 (Regional, Scottish, N. Ireland)—B.B.C. Orchestra (Section D). Conductor, Adrian Boulst. John Brownlee (Baritone).
 7.45 (Midland)—Band of the Royal Air Force College, Cranwell. Arthur Cranmer (Baritone).
 7.45 (Northern)—Variety from the New Manchester Hippodrome.
 7.45 (Western)—Singing Festival.
 8.15 (Northern)—The Larks of Dean. Music from the Forest of Rossendale, Lancashire.
 8.15 (Western)—Dance Records.
 8.40 (Western)—Claude Dampier.
 8.45 (Midland)—Joe Guttridge.
 9.0 (except Scottish)—B.B.C. Dance Orchestra.
 10.0—News Summary.
 10.10 (Scottish, N. Ireland from 10.40)—Casani Club Orchestra.
 10.10 (Scottish, N. Ireland)—Piping and Fiddling.
 11.0—Dance Records.
 11.15-12.0 (except Midland)—Casani Club Orchestra.
 11.15-12.0 (Midland)—Television.

Hours of Transmission in British Summer Time

6 a.m. — 8 a.m.

- BERLIN**, 6.35—See Hamburg, 8.25—Talk. 8.55—Service from Potsdam Garrison Church; Cathedral Chimes.
BRESLAU, 6.35—See Hamburg, 8.15—Records; News.
COLOGNE, 6.35—See Hamburg, 8.0—Weather. 8.10—Talk. 8.30—Sacred Concert.
DEUTSCHLANDSENDER, 6.35—See Hamburg, 7.15—Records.
FRANKFURT, 6.35—See Hamburg, 8.20—Gym. 8.40—Talk.
HAMBURG, 6.35—Orchestra. 8.15—News. 8.30—Gym. 8.45—Wireless Technical Notes.
HILVERSUM, 8.40—Records.
KÖNIGSBERG, 6.35-7.50—See Hamburg, 8.0—Roman Catholic Service.
LEIPZIG, 6.35—See Hamburg, 8.20—Choral (Bach). 8.30—Service.
MUNICH, 6.35-8.15—See Hamburg.
PARIS (Radio-Paris), 7.0—Records; News. 7.45—Gym. 8.0—Records.
PRAGUE, 6.45—Gym.; Music; News. 7.30—Orchestra. 8.30—Organ.
STUTTGART, 6.35—See Hamburg, 8.15—Weather; Gym. 8.40—Talk for Farmers.

9 a.m.

- BRESLAU**, 9.5—Service.
COLOGNE, 9.15—Surprise Programme.
DEUTSCHLANDSENDER, 9.0—Variety.
FRANKFURT, 9.0—See Stuttgart.
HAMBURG, 9.0—Art Review. 9.15—The "Bremen Stadtmusikanten." Conductor: Krug.
HILVERSUM, 9.0—Records. 9.40—Service. 9.55—Records.
HUIZEN, 9.10—Roman Catholic Programme.
KÖNIGSBERG, 9.0—Protestant Service.
LEIPZIG, 9.20—Sacred Music. 9.45—Records.
MUNICH, 9.0—Sacred Concert. 9.30—Protestant Service.
PARIS (Poste Parisien), 9.0—News. 9.22—Cookery Notes. 9.30—Records. "La Mascotte"—Operetta (Audran).
PRAGUE, 9.0—Talk: The Holy Grail. 9.15—Cello. 9.40—Talk.

STUTTGART, 9.0—Service. 9.45—Schubert Records.

10 a.m.

- BRESLAU**, 10.0—Reading. 10.20—Silesian Easter Customs. 10.40—"Helga is engaged"—an Easter Humoresque (Bröker).
BRUSSELS (No. 1), 10.0—Records. **BRUSSELS (No. 2)**, 10.0—Saint-Saëns Records.
BUDAPEST (No. 1), 10.0—Mass.
COLOGNE, 10.0—Contemporary Chamber Music. 10.30—Cologne Tramways Male Voice Choir. Conductor: Corzelius. Müller (Violin) and Grape (Pianoforte).
DEUTSCHLANDSENDER, 10.0—Sequence (on Records).
FRANKFURT, 10.0—See 9.45 Stuttgart.
HAMBURG, 10.30—Organ.
HILVERSUM, 10.0—Records. 10.40—Doortman (Organ).
HUIZEN, 10.0—Roman Catholic Programme (contd. from 9.10). 10.10—Service from the Protestant Church, Kondum. Dokkum Jr. (Organ).
KALUNDBORG, 10.0—Service from Maribo Cathedral.
KÖNIGSBERG, 10.0—Russian. 10.50—Announcements.
LEIPZIG, 10.0-10.45—Records.
MUNICH, 10.5—Poems (Rainer Maria Rilke), with Pianoforte Accompaniment. 10.45—See Stuttgart.
OSLO, 10.5—Records: Pianoforte Concerto in E flat (Liszt). 10.20—Service.
PARIS (Poste Parisien), 10.15—Records. 10.45—Records of the Comedian Harmonists.
PRAGUE, 10.0—Quartet (Stych). 10.25—Literary Programme. 10.55—Orchestra.
STOCKHOLM, 10.30—Violin Concerto in G minor (Bruch) by Yehudi Menuhin. Conductor: Landon Ronald (Records).
STUTTGART, 10.0—Schubert Records. 10.45—"The Way to the Reich"—History Play (Kanig).

11 a.m.

- BERLIN**, 11.0—German Spring. 11.30—Choir.
BRESLAU, 11.0—Upper Silesian Provincial Theatre Orchestra. In the Interval: Richard Strauss, Delibes and Marschner Songs.

- BRUSSELS (No. 1)**, 11.0—Records. **BRUSSELS (No. 2)**, 11.0—Records. **BUDAPEST (No. 1)**, 11.0—Mass (contd. from 10.0). 11.15—Greek Service.
COLOGNE, 11.30—Talk with Records: Irish Folk Music.
DEUTSCHLANDSENDER, 11.0—Poems. 11.15—Weather. 11.30—Handel. Station String Quartet, Schleierf (Oboe) and Bitner (Harpischord).
FRANKFURT, 11.0—See 10.45 Stuttgart. 11.30—"An Easter Cantata" for Children's Choir and Solo Instruments (Ade). Conductor: The Composer.
HAMBURG, 11.30—Light Music.
HILVERSUM, 11.0—Doortman (Organ). 11.10—Service from Amsterdam.
HUIZEN, 11.0—Service (contd. from 10.10). 11.45—Records: Sacred Music.
KALUNDBORG, 11.30—News.
KÖNIGSBERG, 11.0—Folk Songs. 11.30—"Awakening Earth"—Literary and Musical Sequence.
MUNICH, 11.0—See 10.45 Stuttgart. 11.30—Pianoforte Sonata in A (Mozart), by Wilhelm Kempff (Pianoforte).
OSLO, 11.0—Service.
PARIS (Poste Parisien), 11.5—Records.
PRAGUE, 11.0—Orchestra.
STOCKHOLM, 11.0—Service.
STUTTGART, 11.0—History Play (contd. from 40.45). 11.30—See Frankfurt.
TURIN, 11.30—Consiglio Orchestra.
VIENNA, 11.0—Organ. 11.25—Legends (Schanz). 11.45—Vienna Symphony Orchestra. Conductor: Konrath. Erika Rokytka (Soprano).

12 noon

- BERLIN**, 12.0—See Cologne.
BEROMÜNSTER, 12.0—Radio Orchestra. Conductor: Hofmann. 12.30—News. 12.40—Variety with Georg Oegg.
BRESLAU, 12.0—Orchestra (contd. from 11.0).
BRUSSELS (No. 1), 12.0—Schnyers Orchestra.
BRUSSELS (No. 2), 12.0—Records. 12.30—Radio Orchestra. Conductor: Gason.
BUDAPEST (No. 1), 12.0—Greek Service (contd. from 11.15). 12.30—

- Opera Orchestra. Conductor: Fridl.
BUDAPEST (No. 2), 12.40—Orchestra.
COLOGNE, 12.0—Station Chamber Orchestra. Conductor: Hagestedt. Engels (Tenor) and Besemfelder (Songs to the Lute).
DEUTSCHLANDSENDER, 12.0—See Hamburg.
FRANKFURT, 12.0—See Stuttgart.
HAMBURG, 12.0—Stietin Concert Orchestra. Conductor: Plato.
HILVERSUM, 12.0—Doortman (Organ). 12.41—Cantabile Orchestra. Conductor: Beekman.
HUIZEN, 12.5—Organ Records.
KALUNDBORG, 12.2—Radio Orchestra. Conductor: Reesen.
KÖNIGSBERG, 12.0—See Cologne.
LEIPZIG, 12.0—See Cologne.
MONTE CENERI, 12.5—Records. 12.33—Dance Records. 12.55—News.
MUNICH, 12.0—Military Band. 12.55—Announcements.
PARIS (Poste Parisien), 12.5—Light Music. Station Orchestra. In the Interval at 12.25: Interview.
PARIS (PTT), 12.15—Concert.
PARIS (Radio-Paris), 12.15—Orchestra. Conductor: Touche.
PRAGUE, 12.0—Chimes. 12.5—Meditation. 12.10—News. 12.20—Band.
ROME, 12.30—Records.
SOTTENS, 12.30—News. 12.40—Records.
STOCKHOLM, 12.0—Service (contd. from 11.0).
STUTTGART, 12.0—Trumpet Corps.
TURIN, 12.0—Consiglio Orchestra. 12.45—News.
VIENNA, 12.0—Orchestra (contd. from 11.45). 12.55—Vienna Chamber Orchestra. Conductor: Eichinger. Sandauer (Pianoforte).
WARSAW, 12.5—Talk. 12.15—

Grieg

The Philharmonic Orchestra, from the Philharmonie. Conductor: Jaworski. Jeanne Hupert (Songs). Suite, "Sigurd Jorsalfar." Holberg Suite. Songs. Peer Gynt Suites Nos. 1 and 2. Two Norwegian Dances.

1 p.m.

- BERLIN**, 1.0—Talk by Hans Sigleür: My First Broadcast. 1.15—See 12.0 Cologne.

2 p.m.

- BERLIN**, 2.0—Sports. 2.15—Records.

2 p.m. (contd.)

BEROMÜNSTER, 2.0-2.30—Talk: School Reminiscences. School Choir.
BRESLAU, 2.0—News. 2.10—Reading (Max Bense). 2.30—Greetings. 2.35—Records.
BUDAPEST (No. 1), 2.0—Records.
COLOGNE, 2.15-2.45—"Easter Eggs"—Programme for Boys.
DEUTSCHLANDSENDER, 2.0—Commentary on the Monaco Grand Prix
Motor Race. In the Intervals: Light Music.
FRANKFURT, 2.0—See Stuttgart.
HAMBURG, 2.0—See Deutschlandsender.
HILVERSUM, 2.0—Sketch (contd. from 1.40). 2.10—Cantabile Orchestra. Conductor: Beekman. 2.40—Recitations.
HUIZEN, 2.0—Quartet and Choir (contd. from 1.10). 2.40—Records.
KALUNDBORG, 2.0—Talk. 2.20—Pianoforte Trio (Mozart). Pianoforte Trio in C (Haydn).
KÖNIGSBERG, 2.0—Talk on Photography. 2.15—Records.
LEIPZIG, 2.5—Records: Old Music.
MUNICH, 2.0—Orchestra (contd. from 1.0). 2.30—Songs of Swabian Composers—Leopoldine Sunko (Soprano), Frieda Vogl (Mezzo-Soprano), Horst Euler (Baritone) and Heinz Röttger (Pianoforte).
PARIS (PTT), 2.0—"Carmen"—Opera (Bizet) (contd. from 1.30).
PARIS (Radio-Paris), 2.0—Two Plays: (a) "Une Noce chez Vefour" (Pally), (b) "L'Anniversaire de Gustave" (Wicheler).
ROME, 2.0—News; Exchange. 2.15—Announcements; Giovinetta (Blanc). 2.20—Talk: The Martyrdom of Nicola Bonzervizi. 2.25—For Women. 2.35—Talk: The Beauties of Italy; Roman Folk Songs. 2.45—News.
STUTTIGART, 2.0—Easter—Play for Children (Dietz). 2.30—"An Easter Trip"—Humorous Musical Potpourri with Commentary.
TURIN, 2.0-2.15—Records.
VIENNA, 2.0—Vienna Chamber Orchestra (contd. from 12.55).
WARSAW, 2.0—Records.

3 p.m.

BERLIN, 3.30—Light Music.
BRESLAU, 3.0—Records. 3.30—Easter Songs for Children.
BUDAPEST (No. 1), 3.0—A Fairy Tale (Csengery). 3.30—Guitar and Song Duets.
COLOGNE, 3.0—Puzzle Programme. 3.35—Talk: Excursions with the Children. 3.45—Dialect Talks.
DEUTSCHLANDSENDER, 3.0—Commentary on the Monaco Grand Prix (contd. from 2.0). Light Music in the Intervals.
FRANKFURT, 3.0-4.0—See Stuttgart.
HAMBURG, 3.0—See 2.0 Deutschlandsender.
HILVERSUM, 3.0—Recitations. 3.10—A.V.R.O. Orchestra. Conductor: van Raalte. Cor de Groot (Pianoforte).
HUIZEN, 3.0—Records. 3.25—Bouwmeester (Organ).
KALUNDBORG, 3.0—Danish Music. Radio Orchestra. Conductor: Gröndahl. In the Interval at 3.50: Reading.
KÖNIGSBERG, 3.0—German Grammar. 3.15—Stories of the Easter Hare.
LEIPZIG, 3.20—"Springtime and Love"—Humorous Sequence (Artur Kuhnert).
MORAVSKÁ - OSTRAVA, 3.0—Moravian Teachers' Choral Union.
MOSCOW (No. 1), 3.15—For Children.
MUNICH, 3.20—"The Easter Hare"—Fairy Play (Englasser). Music by Kurt Strom.
PARIS (PTT), 3.0—"Carmen"—Opera (Bizet) (contd. from 1.30).
PARIS (Radio-Paris), 3.0—For Children.
PRAGUE, 3.0—Choir. 3.45—For Children.
STOCKHOLM, 3.0—For Children. 3.30—Life Guards Band. Conductor: Grundström.
STUTTIGART, 3.0—"An Easter Trip"—Musical Sequence (contd. from 2.30). 3.30—Monologue, with Records.
VIENNA, 3.0—Announcements. 3.10—Talk. 3.35—French Music for Wind Instruments.
WARSAW, 3.0—For Farmers. 3.15—Adamska-Grossman Orchestra. 3.45—For Farmers.

4 p.m.

BERLIN, 4.0—See Stuttgart.

BEROMÜNSTER, 4.0—Act 1, "Parsifal"—Opera (Wagner), from Zürich Municipal Theatre.
BRESLAU, 4.0—See Stuttgart.
BUDAPEST (No. 1), 4.5—Talk: Botany. 4.35—Farkas Cigany Band.
COLOGNE, 4.0—See Königsberg.
DEUTSCHLANDSENDER, 4.0—Commentary on the Monaco Grand Prix (contd. from 2.0). Light Music in the Intervals.
FRANKFURT, 4.0—See Stuttgart.
HAMBURG, 4.0—See 2.0 Deutschlandsender.
HILVERSUM, 4.0—Orchestra and Pianoforte (contd. from 3.10). 4.40—Talk.
HUIZEN, 4.0—Organ (contd. from 3.25). 4.10—Old Chamber Music.
KALUNDBORG, 4.0—Danish Music (contd. from 3.0).
KÖNIGSBERG, 4.0—Popular Concert. Station Orchestra. Conduc-



A commentary on the Monaco Grand Prix is to be broadcast from Deutschlandsender at 2 p.m.

tor: Wilcken. In the Interval: An Easter Fairy Tale.
LEIPZIG, 4.0—See Königsberg.
MONTE CENERI, 4.0—See Beromünster.
MOSCOW (No. 1), 4.0—News. 4.30—Communist Party Programme.
MUNICH, 4.0—Orchestra.
PARIS (PTT), 4.0—"Carmen"—Opera (Bizet) (contd. from 1.30).
PARIS (Radio-Paris), 4.0—Pascal's Orchestra. Light Music.
PRAGUE, 4.0—Operetta Programme.
ROME, 4.30—News; Exchange. 4.40—For Children.
SOTTENS, 4.0—See Beromünster.
STOCKHOLM, 4.0—Band (contd. from 3.30). 4.30—Reading (Elgström).
STUTTIGART, 4.0—Operetta Music. Württemberg-Hohenzollern Provincial Orchestra. Conductor: Schröder. Dragons' March (Strauss). Overture, "Der Bettelstudent" (Müllöcker). Waltz, "Unter der blühenden Linde" (Gellert). Selection, "The Gipsy Baron" (Strauss). Waltz, "The Seven Swabians" (Müllöcker). Overture, "Boccaccio" (Suppé). Selection, "The Merry Widow" (Lehár). Polka, "Wiener Blut" (Strauss). Song, "Wild Violets" (Stolz). Waltz, "Gypsy Love" (Lehár). Selection, "Aennchen von Tharau" (Strecker). March, "Der fliegende Rittmeister" (Dostal).
TURIN, 4.30—News. 4.40—For Children.
VIENNA, 4.0—French Music (contd. from 3.35). 4.20—Talk. 4.45—Records.
WARSAW, 4.0—Dubiska (Violin) and Michalowski (Bass). 4.35—"Nature's Awakening"—Play (Sumiński-Dylewski).

5 p.m.

BERLIN, 5.0—See 4.0 Stuttgart.
BEROMÜNSTER, 5.0—Parsifal (Wagner) (contd. from 4.0). 5.45—Reading.
BRATISLAVA, 5.30—Excerpts, "Herod and Herodias"—Dramatic Poem (Hviezdoslav). 5.55—Hungarian Transmission: Easter Programme; Cigany Band and Soloists.
BRESLAU, 5.0—See 4.0 Stuttgart.
BRNO, 5.30—School Choir. 5.50—For Children in German.
BRUSSELS (No. 1), 5.0—Godwin Dance Band.
BRUSSELS (No. 2), 5.0—Orchestra. Conductor: Walpot. 5.45—For Children.

6 p.m.

BERLIN, 6.0—"A Bench in the Park"—Cabaret (Hintz). Music by Günther Neumann. 6.45—Report of the Karlshorst Easter Grand Prix Races.
BEROMÜNSTER, 6.0—Reading. 6.15—Talk with Records: Mexican Songs.
BRATISLAVA, 6.0—Hungarian Transmission (contd. from 5.55). 6.40—Talk.
BRESLAU, 6.0—"April, the Garden Month"—Sequence with Music (Elisabeth Darge). 6.30—Sports.

BUCHAREST, 5.0—Station Orchestra.
BUDAPEST (No. 1), 5.0—Bela Farkas Cigany Band. 5.45—Commentary: Bavaria v. Ferencváros Football Match.
BUDAPEST (No. 2), 5.50—Budapest Zither Club.
COLOGNE, 5.0—See 4.0 Königsberg.
DEUTSCHLANDSENDER, 5.0—An Easter Trip with the Woitschach Wind Band and the Plautermann Family.
FRANKFURT, 5.0—See 4.0 Stuttgart.
HAMBURG, 5.0—See 4.0 Stuttgart.
HILVERSUM, 5.0—Talk (contd. from 4.40). 5.25—A Fairy Tale; Pianoforte Solos. 5.55—Records: The A.V.R.O. Octet.
HUIZEN, 5.0—Quintet; 5.40—Recitation; Records.
KALUNDBORG, 5.0—Service from Christiansborg Castle Church.
KÖNIGSBERG, 5.0—Popular Concert (contd. from 4.0).
LEIPZIG, 5.0—See 4.0 Königsberg. 5.30—Reading. 5.50—"Happy

BRUSSELS (No. 1), 6.0—Records: Rapsodie espagnole (Ravel). 6.15—Talk: Flemish Literature. 6.30—"Animals in Music"—Mmc. Van Houdt-Volckaert (Songs), Mme. Lykoudi-Passet (Pianoforte). La berceuse des éléphants (Debussy). Le petit âne (Ihert). Le paon (Ravel). La complainte du petit cheval blanc (Saey). Les canards, les cygnes, les oies (Stravinsky). La poule (Rameau). Le coucou (Dacquin). Les petits ânes (Rasse). La pie (Stravinsky). Ils étaient trois petits chats blancs (Pierne). Le chien (Sanguet). Le porc (Sanguet).
BRUSSELS (No. 2), 6.0—For children. 6.30—Operetta Records. "Deux cravates" (Spoliensky). "Giuditta" (Lehár). "Les Soeurs Hortensias" (Moretti). "Sissy" (Kreisler). "Florestan Ier, Prince de Monaco" (Heymann).
BUCHAREST, 6.0—News. 6.15—Light Music. Station Orchestra.
BUDAPEST (No. 1), 6.0—Com-

mentary (contd. from 5.45). 6.45—Konzc (Violin).
BUDAPEST (No. 2), 6.0—Budapest Zither Club.
COLOGNE, 6.0—"Magicians and Books of Magic" (Felix Timmermans). 6.15—"Spring"—Elisabeth Delseit (Soprano), Lotte Hellwig-Josten (Violin) and Karl Delseit (Pianoforte). Aria with Violin Obligato, Schön lacht der holde Frühling (Mozart). Fantasia in C for Violin and Pianoforte (Schubert). Songs: (a) Geheimnis (Brahms), (b) Frühlingstrost (Brahms), (c) Zitronenfalter im April (Wolf), (d) Er ist's (Wolf).
DEUTSCHLANDSENDER, 6.0—An Easter Trip (contd. from 5.0).
FRANKFURT, 6.0-7.0—See Stuttgart.
HAMBURG, 6.0—A Microphone Visit to Stade. 6.50—North German Dialect Songs.
HILVERSUM, 6.0—Records: The A.V.R.O. Octet. 6.55—Light Music by the Palladians. Bob Scholte (Songs).
HUIZEN, 6.0—Recitations: Records. 6.40—Amsterdam Vocal Ensemble.
KALUNDBORG, 6.0—Service (contd. from 5.0). 6.20—Discussion on Unemployment. 6.50—Announcements.
KÖNIGSBERG, 6.0—"Ring in the Spring"—Programme for Girls. 6.25—Reading (Schilling). 6.50—Dialect Programme.
LAHTI, 6.30—Station Orchestra. Conductor: Linko.
LEIPZIG, 6.0—"Happy Easter I" Songs and Dances (contd. from 5.50). 6.30—A Spring Excursion through Saxony.
MORAVSKÁ-OSTRAVA, 6.0—Local News. 6.5—Reading. 6.15—German Transmission: Styrian Folk Songs; Argentine Songs, Stephanie Felzmann.
MOSCOW (No. 1), 6.0—Symphony Concert. 6.30—Lenin Anniversary Programme.
MUNICH, 6.0—Chamber Music (contd. from 5.45). 6.20—"Der Tatzelwurm"—Folk Play in Four Acts (von Schmid Neuber) Music by Emilius Erhardt.
OSLO, 6.0—Report from the Schoolboys' Mountain Trip. 6.45—Sacred Songs.
PARIS (Poste Parisien), 6.25—Exchange. 6.30—Circus and Music Hall Review. 6.37—Mme. Laghos du Chastaing (Violin). 6.57—Divertissement dans le style Louis XV (Tailleferré) (Records).
Easter!"—Songs and Dances. Station Chamber Choir and Soloists. Conductor: Werlé.
MONTE CENERI, 5.0-6.0—See Beromünster.
MORAVSKÁ - OSTRAVA, 5.30—Reading. 5.40—Songs.
MOSCOW (No. 1), 5.0—Communist Party Programme. 5.30—"Lenin"—Anniversary Sketch (Jakhontov); Symphony Concert.
MUNICH, 5.0—Orchestra. 5.30—Talk: Easter. 5.45—Chamber Music, pianoforte and winds.
OSLO, 5.0—Café Concert.
PARIS (Radio-Paris), 5.0—Pascal's Orchestra.
PRAGUE, 5.0—Operetta Programme. 5.30—Reading. 5.45—Records. 5.50—German Transmission: Review of Music Programmes; "Old Prague"—Play about Mozart (Summer); News.
REYKJAVIK, 5.0—Reading. 5.30—Music from Hotel Island.
ROME, 5.5—Nella Raineri (Violin) and Vera Sciuto (Soprano). Violin: (a) Il canto della Iontananza (Mali-piero). (b) Aubade (Respighi). Soprano: (a) Disinganno (Todaro). (b) Arias, "Francesca da Rimini" (Zandonai), (c) Sicilian Song, Ed alavò (Mullé). Violin: Breton Folk Songs and Dances. Soprano: (a) Aria, "Aida" (Verdi), and (b) "André Chénier" (Giordano). Violin: Playera (Sarasate). 5.59—Corn Prices.
SOTTENS, 5.0-6.0—See Beromünster.
STOCKHOLM, 5.5—Records.
STRASBOURG, 5.15—Concert from Paris (Radio-Colonial).
STUTTIGART, 5.0—Operetta Music (contd. from 4.0).
TURIN, 5.30—Concert from the Royal Philharmonic Academy, Rome.
VIENNA, 5.0—Records.
WARSAW, 5.0—For Children. 5.30—To be announced.

MONDAY April 22

PARIS (PTT), 6.0—Reading. 6.20—History Talk. 6.30—News; Topical Talk.
PARIS (Radio-Paris), 6.0—Art Review and Talk. 6.30—Reading of Easter Stories.
PRAGUE, 6.0—German Transmission (contd. from 5.50). 6.55—Record.
RADIO-NORMANDIE, 6.0—For Children. 6.45—Programme by Henri Nicolle.
REYKJAVIK, 6.0—Music from Hotel Island.
ROME, 6.35—Announcements in Esperanto. 6.45—Tourist Notes; Announcements.
SOTTENS, 6.0—Talk for Women. 6.20—Accordion. 6.40—Technical Letter-box.
STOCKHOLM, 6.0—Methodist Service.
STRASBOURG, 6.0—Concert from Paris (Radio-Colonial) (contd. from 5.15). 6.15—Talks. 6.45—Records.
STUTTIGART, 6.0—"Spring"—Schumann Songs. Rieth (Bass). Schneeglöckchen. Erstes Grün. Frühlingssrus. Frühlingsbotschaft. Frühlingst. Frühlingslied. Frühlingst. 6.30—A Seasonal Programme in Verse (Joachim Lange) with Music.
TOULOUSE (Radio-Toulouse), 6.0—News. 6.15—Accordion. 6.30—Chansonnettes. 6.45—Opera Music. Overture, Patrie (Bizet). Aria, "Manfred" (Schumann).
TURIN, 6.0—Concert (contd. from 5.30). In the Intervals: For Farmers. 6.35—Announcements in Esperanto. 6.45—Tourist Notes; Announcements.
VIENNA, 6.0—Records. 6.10—Talk. 6.40—Talk: Cosmic Rhythms.
WARSAW, 6.0—Film Review. 6.15—Chamber Records. 6.30—Wireless Talk. 6.45—Records.

7 p.m.

ATHLONE, 7.0—Station Orchestra with Songs.
BERLIN, 7.0—"Spring"—Station Orchestra. Conductor: Steiner. O Beautiful Spring (Lincke). Elfenreigen (Helmesberger). To Spring (Grieg). Suite (Juel-Fredriksen Tanz unter der Dorflinde (Reinecke). Waltz, Le premier bouquet (Waldteufel). March, Ins blühende Land (Schmidt-Hagen). 7.45—Sports Notes.
BEROMÜNSTER, 7.0—Sports. 7.15—Variety, with Mary and Ernst Frey-Bernhardsgrütter, and Furrer (Alpine Horn).
BRATISLAVA, 7.5—Records. 7.10—Talk.
BRESLAU, 7.0—"Easter Eggs"—Revue by the Station Orchestra, the Station Dance Band, the Engels Band and Solo voices.
BRUSSELS (No. 1), 7.0—Records. 'Cello Concerto in A minor (Schumann). Erlkönig (Schubert). 7.30—Tourist Report; Film Review.
BRUSSELS (No. 2), 7.0—Talk. 7.15—Records. Lancers' Quadrille (Metra). Polka, La sorella. 7.30—Tourist Notes.
BUCHAREST, 7.0—News. 7.20—Records: Selection, "Petruschka" (Stravinsky). 7.45—Talk.
BUDAPEST (No. 1), 7.0—Konzc (Violin). 7.25—Eastern Poems. 7.50—"Prince Bob"—Operetta (Huszka).
BUDAPEST (No. 2), 7.0—Talk. 7.40—Gyula Asbóth (Táragató).
COLOGNE, 7.0—Variety. 7.30—See 7.0 Deutschlandsender.
DEUTSCHLANDSENDER, 7.0—Serenade. Station Orchestra. In the Interval: Talk: The International Film Congress in Berlin.
FRANKFURT, 7.0—See Cologne. 7.30—Report of the Monaco Grand Prix Motor Races (Records).
HAMBURG, 7.0—North German Folk Songs. 7.35—Sports; Weather.
HILVERSUM, 7.0—Light Music (contd. from 6.55). 7.40—Humorous Talk.
HUIZEN, 7.0—Amsterdam Vocal Ensemble. 7.40—Concert from the "Groote Kerk", The Hague. Isterdael ('Cello), Engels (Organ). Christ ist erstanden (Bach). Suite (Marais). Chaconne in E minor (Buxtehude). Lento (Schumann). Song without Words (Mendelssohn). Prelude and Fugue in E flat minor (Saint-Saëns). Jardin lunaire (Sciortino). Berceuse (Guillaume). Pièce héroïque (Frank).
KALUNDBORG, 7.0—News. 7.20—Talk for "Spring Flowers" Dáy. 7.30—For Women.
KÖNIGSBERG, 7.0—Dialect Programme. 7.15—Joachim Stein (Tenor) and Rudolf Winkler (Pianoforte). Songs: (a) Der

MONDAY April 22

7 p.m. (contd.)

Rattenfänger (Wolf), Du bist wie eine Blume (Liszt), (c) Der Tauher (Löns), (d) Der Kuckuck (Löns), Waldszenen (Schumann), Songs: (a) Die Lotusblume (Schumann), (b) Spatz un Spätzin (Hildach), (c) Wenn Du zu den Blumen gehst (Wolf), (d) Hund und Katze (Meyer-Helmund), (e) Heidenröslein (Schubert), (f) Das Huhn und der Karpfen (Mattiessen), LAHTI, 7.0—Orchestra (contd. from 6.30), 7.15—Talk, 7.35—Review, LEIPZIG, 7.0—A Spring Excursion



LE.N.A.

Paderewski, from a drawing made in New York in 1932 by Gordon Bryant. His Polish Fantasy is to be played at Warsaw at 9.0 p.m.

through Saxony, 7.30—Report of the Monaco Grand Prix Motor Races (on Records), MONTE CENERI, 7.15—Discussion: The Campaign against Tuberculosis, 7.30—Neapolitan Song Records, 7.45—News, MOSCOW, (No. 1) 7.0—Lenin Anniversary Programme, MUNICH, 7.0—Folk Play (contd. from 6.20), 7.30—Report of the Monaco Grand Prix Motor Races (on Records), OSLO, 7.0—Sacred Songs, 7.15—News, 7.30—Talk, PARIS (Poste Parisien), 7.5—Sports Notes, 7.15—News; Records, 7.35—"At the Theatre"—Records, 7.50—Records of Michel Simon, PARIS (PTT), 7.35—Foreign Press Review, 7.45—Aviation, PARIS (Radio-Paris), 7.0—Variety Concert, Jean Sorbier and Mlle. Maxa (Songs) and Amalia Cuenca and Manuel Sarrablo (Guitars), Ronde d'amour (Chaminade), Si tu le veux (Koechlin), Little Grey Home in the West (Lohr), Bird Songs at Eventide (Coates), Sais-tu (Fontenailles), Soleares, Gitanes (Cuenca), Impromptu (Sarrablo), Alegrias (Cuenca), Granadinas (Cuenca), Jotas (Puncada-Rasucada-Falla), L'autre (Lenoir), Pluie (Zimmer-Lenoir), Une femme dans chaque port (Desty-Lenoir), Tu m'as dit d'oublier (Claude-Lenoir), PRAGUE, 7.0—News, 7.5—Record, 7.10—To be announced, 7.25—Talk on the following Relay, 7.30—

"The Jacobin"

—Opera in Three Acts (Dvořák), RADIO-NORMANDIE, 7.0—Request Music, ROME, 7.0—News in Foreign Languages, 7.40—News Service in English, 7.55—Talk in French: Travel in Italy, SOTTENS, 7.0—Suite in Old Style (Reger), Achille Delfasse (Violin) and Mme. Delfasse (Piano), 7.20—Talk: French Weeklies, 7.45—French Music, Radio Suisse-Romande Orchestra, Conductor: Echenard, Appia (Violin) and Mlle. Schneider (Harp), Overture, "La Farce du Cuvier" (Dupont), Rapsodie sur des airs du Pays d'Oc (Lacombe), Violin: Prelude, "Le Déluge" (Saint-Saëns), Slav Dance, "Le roi malgré lui" (Chabrier), Suite, Dolly (Fauré), Harp and Orchestra: Danse sacrée and Danse profane (Debussy), Two Escales (Ibert).

STOCKHOLM, 7.0—Service (contd. from 6.0), 7.15—News, 7.30—Talk, STRASBOURG, 7.0—Records, 7.30—News, 7.45—Records, STUTTGART, 7.0—See Cologne, 7.30—Report of the Monaco Grand Prix Motor Races (Records), TOULOUSE (Radio-Toulouse), 7.10—Duets, 7.20—Orchestra, 7.30—News, 7.45—Orchestra, 7.50—Medical Talk, TURIN, 7.0—News in Foreign Languages, 7.40—News Service in English, 7.55—Talk in French: Travel in Italy, VIENNA, 7.5—Announcements, 7.20—Vera Schwarz (Soprano), Aria, "Zaide" (Mozart), To Chloe (Mozart), Die Post (Schubert), Heidenröslein (Schubert), Wiegenlied (Brahms), Waldensamkeit (Reger), Maria Wiegenlied (Reger), Cécilie (Strauss), Cavatina, "The Pearl Fishers" (Bizet), WARSAW, 7.0—Records, 7.16—Announcements, 7.25—Sports Notes, 7.35—For Soldiers.

8 p.m.

ATHLONE, 8.0—J. J. Collins (Piccolo), 8.15—Instrumental Solos, BERLIN, 8.0—German for Germans, 8.10—Dance Music, BEROMÜNSTER, 8.0—"Das kleine Café"—Operetta (Benatzky), BRATISLAVA, 8.25—Easter Meditation, 8.40—Russian Music, Cossack Balaika Orchestra, BRESLAU, 8.0—"Easter Eggs"—Revue (contd. from 7.0), BRUSSELS (No. 1), 8.0—Radio Orchestra and Soloists, Conductor: Gason, Prelude and Allegro (Pugnani-Kreisler), Canzonetta (Pierlé), La havanaise (Saint-Saëns), Flute Solos (Mouquet): (a) Pan et les oiseaux, (b) Pan et les nymphes, Elegy (Fauré), Wedding Cake (Saint-Saëns), Excerpts, Oboe Concerto (Handel), Valse Caprice (Ysaye-Saint-Saëns), BRUSSELS (No. 2), 8.0—Symphony Orchestra, Conductor: Meulemans, Mme. Lykoudi (Piano), Maefeyt-Rovies (Songs) and Jan Aerts (Cello), L'isola disabitata (Haydn), Concerto in D minor (Mozart), Elegy (Sternfeld), Fantasia (Soudant), Songs: (Mortelmans): (a) De Merel, (b) Rosenfeld, Concertino for Cello and Orchestra (Devreese), Ballad (Pelemans), Songs (Mortelmans): (a) Ring Rang (b) Zomerlied, Poème en forme de rapsodie (Candaël), 8.45—Talk: Summer Trips, BUCHAREST, 8.0—Octet (Schubert), 8.55—Talk, BUDAPEST (No. 1), 8.0—"Prince Bob"—Operetta (contd. from 7.50), BUDAPEST (No. 2), 8.0—Gyula Asbóth (Tárogató), 8.25—Sports Notes, 8.45—Records, COLOGNE, 8.0—Sports, 8.10—Gala Dance Evening, DEUTSCHLANDSENDER, 8.0—See Stuttgart, FRANKFURT, 8.0—See Stuttgart, HAMBURG, 8.0—

"A Night in Venice"

—Operetta in Three Acts (Strauss), HILVERSUM, 8.0—Talk (contd. from 7.40), 8.10—Trio (Dvořák), Svaap and Poth (Violins) and Devert (Viola), 8.40—Time; News, 8.55—Operetta Music, A.V.R.O. Orchestra, Conductor: Treep, Grethe Wejnschenk-Jogenbirk (Soprano) and Viskil (Tenor), Overture, "Venus auf Erde" (Lincke), Songs, "Cagliostro in Wien" and "Die Fledermaus" (Strauss), "The Gipsy Baron" (Strauss), Songs, "Cazanova" (Strauss), Paraphrase on "Until" (Sanderson-Wood), Selection, "Eine Nacht in Venedig" (Strauss), Aria, "Boccaccio" (Suppe), Pizzicato (Meyer-Helmund), Selection, "Cagliostro in Wien" (Strauss), Petersburger Schlittenfahrt (Eilenberg), HUIZEN, 8.0—Concert (contd. from 7.40), 8.40—News, 8.45—N.C.R.V. Orchestra, Conductor: van der Hurk, To v. d. Sluys (Soprano); Annie Woud (Contralto), Symphony and Choral from the Easter Cantata (Bach), Wenn Sorgen auf mich dringen (Bach), Air from the Suite in D (Bach), O Friede, reich an Heil des Herrn (Handel), Sinfonia concertante in A (Bach), Symphony in D (Haydn), Ariana a Naxos (Haydn), Excerpt, "Les petits riens" (Mozart), Aria, "Il re pastore" (Mozart), Minuet (Beethoven), Rondino in E flat (Beethoven), KALUNDBORG, 8.0 till Close Down,

Radio Ball

8.0—Louis Preil's Dance Band, KÖNIGSBERG, 8.0—Variety, LAHTI, 8.45—News, LEIPZIG, 8.0—Leipzig Symphony

Orchestra, Conductor: Weber, Rose Stein (Harp), Overture, "Agrippina" (Handel), Harp Concerto (Handel), Symphony in C (Mozart), Harp and Orchestra: Danse sacrée and Danse profane (Debussy), Ballet, "Les Indes galantes" (Rameau), Introduction and Allegro for Harp, String Quartet, Flute and Clarinet (Ravel), MONTE CENERI, 8.0—See Vienna, MOSCOW (No. 1), 8.0—Concert Version, "The Merry Wives of Windsor" (Nicolaï), Radio Choir and Orchestra, Conductor: Orlov, with Mouratova, Lewtchenko and Amatova, MUNICH, 8.0—See 7.0 Breslau, OSLO, 8.0—Five Bagatelles (Dvořák), 8.40—Amundsen (Songs), PARIS (Eiffel Tower), 8.30—"Bells and Carillons"—Orchestra and Soloists, Conductor: Flamant, PARIS (Poste Parisien), 8.0—Interlude, 8.5—Concert Version, "Là-haut"—Operetta (Yvain), PARIS (PTT), 8.0—Records, Old Dances, 8.30—"Le Manoir de Pictordu"—Operetta in Three Acts (Serpette), PARIS (Radio-Paris), 8.0—Humorous Sketches with Madeleine Guitty, (a) Les Tribunaux comiques, (Moineaux), (b) "L'Attaque nocturne" (de Lorde), (c) "Le Client de Province" (Timmony), (d) "Les Mines de Ganeffontein" (de Bassan), In the interval at 8.20: Press Review, PRAGUE, 8.0—"The Jacobin"—Opera (Dvořák) (contd. from 7.30), RADIO-NORMANDIE, 8.0—Sound Film Music, 8.15—Rosina's Aria, "The Barber of Seville" (Rossini), 8.30—Talk, 8.45—Light Music, ROME, 8.5—News; Sports Notes; Records, 8.30—Announcements; Topical Talk, 8.45—See Turin, SOTTENS, 8.0—French Music (contd. from 7.45), STOCKHOLM, 8.0—"Two Hearts and a Pearl Necklace"—Operetta in Three Acts (Sylvain), STRASBOURG, 8.0—News in German, 8.15—Records, STUTTGART, 8.0—

"Liselott"

—Operetta (Künneke), TOULOUSE (Radio-Toulouse), 8.0—Medical Talk, 8.15—Songs, 8.30—Operetta Music, TURIN, 8.5—News; Records, 8.30—Announcements; Topical Talk, 8.45—Request Programme, VIENNA, 8.0—"Für jeden etwas!"—Radio Potpourri (Lothar Riedinger), The Vienna Symphony Orchestra, a Mixed Choir, Pepi Wichart's Quartet, Gustav Vogelhut's Jazz Band, and Soloists, Conductor: Holzer, WARSAW, 8.0—Easter Suite (Sygietyński), Station Orchestra and Soloists, 8.45—News, 8.55—Talk: Life and Work in Poland.

9 p.m.

ATHLONE, 9.0—Instrumental Solos, 9.30—Variety, BERLIN, 9.0—See Turin, BEROMÜNSTER, 9.0—News, 9.10—See Monte Ceneri, 9.50—De Signori (Violin); Casella (Piano), BRATISLAVA, 9.0—Balaika Orchestra, 9.10—Play (Björnson), BRESLAU, 9.0—"Easter Eggs"—Revue (contd. from 7.0), BRUSSELS (No. 1), 9.0—"Le gendarme est sans pitié"—One-Act Play (Courteline), 9.25—Radio Orchestra, Conductor: Gason, Suite No. 2, Histoires (Ibert), Four Sketches (Gaubert), 9.45—Commentary on the Chess Match between Koltanowski and Dwyer, BRUSSELS (No. 2), 9.0—Symphony Orchestra (contd. from 8.0), BUCHAREST, 9.0—Talk, 9.10—Neapolitan Songs by Ana Gadü, 9.35—Cosma and Chirculescu (Piano), BUDAPEST (No. 1), 9.0—"Prince Bob"—Operetta (contd. from 7.50), BUDAPEST (No. 2), 9.0—Records, 9.25—News, COLOGNE, 9.0—Gala Dance Evening (contd. from 8.10), DEUTSCHLANDSENDER, 9.0—See 8.0 Stuttgart, FRANKFURT, 9.0—See 8.0 Stuttgart, HAMBURG, 9.0—"A Night in Venice" (Strauss) (contd. from 8.0), HILVERSUM, 9.0—Operetta Music (contd. from 8.55), 9.55—Alex. de Haas (Songs), HUIZEN, 9.0—Orchestra (contd. from 8.45), In the interval at 9.25: Meditation on the Passion, KALUNDBORG, 9.0—"The Hansen Family"—Sketch (Locher), 9.15—Louis Preil's Dance Band, 9.50—Solveig Skalka (Songs), KÖNIGSBERG, 9.0—Variety, with Orchestra, LEIPZIG, 9.20—Easter Programme, Dance Music by the EmDe Or-

chestra, Eduard Eysenk (Monologues) and Eric Heigar (Songs), MONTE CENERI, 9.0—See 8.0 Vienna, 9.10—Faliéro Mandoline Club; Mme. Bianchi (Songs), Bruto Mastelli (Clarinet), 9.50—De Signori (Violin), MOSCOW (No. 1), 9.0—German Talk: Nationalism, MUNICH, 9.0—See 7.0 Breslau, OSLO, 9.0—Amundsen (Songs), 9.30 (approx.)—Report of the Schoolboys' Mountain Camp, 9.40—News, PARIS (Eiffel Tower), 9.0—"Bells and Carillons" (contd. from 8.30), In the interval at 9.15: News, PARIS (Poste Parisien), 9.0—"Là-haut"—Operetta (Yvain) (contd. from 8.5), 9.35—Interlude, 9.50—Records, PARIS (PTT), 9.0—"Le manoir de Pictordu"—Operetta (Serpette) (contd. from 8.30), PARIS (Radio-Paris), 9.0—Humorous Sketches (contd. from 8.0), 9.15—News; Review by Pierre Seize, PRAGUE, 9.0—"The Jacobin"—Opera (Dvořák) (contd. from 7.30), RADIO-NORMANDIE, 9.0—One-Act Comedies: (a) "Jalousie" (Janot), (b) "Un titre s.v.p." (Kermor), (c) "Le Pauvre Polichinelle" (Follereau), ROME, 9.0—See Turin, SOTTENS, 9.0—News, 9.10-10.0—See Monte-Ceneri, STOCKHOLM, 9.0—Operetta (Sylvain) (contd. from 8.0), 9.45—News, STRASBOURG, 9.0—Operettas, "La Clarinette" (Pericaud and Peel), Au Soleil d'Or (Uzès), STUTTGART, 9.0—"Liselott"—(Künneke) (contd. from 8.0), TOULOUSE (Radio-Toulouse), 9.0—Variety, TURIN, 9.0—"La Straniera"—Opera in Three Acts (Bellini), from La Scala, Milan, Conductor: Marinuzzi, VIENNA, 9.0—"Für jeden etwas!"—Radio Potpourri (contd. from 8.0), 9.45—Reading, WARSAW, 9.0—Symphony Concert, Station Orchestra, Conductor: Fiteberg, Sztompka (Piano), Spring Overture (Goldmark), Easter Overture (Rimsky-Korsakov), Piano: forte and Orchestra: Polish Fantasy (Paderewski), Overture, "Tannhäuser" (Wagner).

10 p.m.

ATHLONE, 10.0—Variety, 10.30—News; Weather, 10.40—The Fintan Lalor Pipe Band.



LE.N.A.

Madame Madeleine Guitty, who contributes to the Radio-Paris programme at 8.0 p.m.

BERLIN, 10.0—See 9.0 Turin, BEROMÜNSTER, 10.0—Beppi Manfrin (Songs), 10.15—Dance Music 10.30—Sports, BRESLAU, 10.0—News, 10.30—Dance Music, BRUSSELS (No. 1), 10.0—News, 10.10—Mortier's Dance Band, BRUSSELS (No. 2), 10.0—News, 10.10—Request Records, BUCHAREST, 10.0—News, 10.25—Light Music and Romanian Music, BUDAPEST (No. 1), 10.5—Sports Notes, 10.25—Mándit Jazz Band, COLOGNE, 10.0—News, 10.30—See Munich, DEUTSCHLANDSENDER, 10.0—News, 10.45—Weather, FRANKFURT, 10.0—News, 10.30—See Munich, HAMBURG, 10.0—News, 10.30—Dance Music, HILVERSUM, 10.0—Alex. de Haas (Songs), 10.10—Variety, HUIZEN, 10.0—Orchestra (contd. from 8.45), In the interval: News.

KALUNDBORG, 10.0—Skalka (Songs), 10.5—Preil's Dance Band, 10.35—Record: "The Flower of Hawaii" (Abraham), 10.45—Preil's Band, KÖNIGSBERG, 10.0—News, 10.20—Sports, 10.30—See Hamburg, LEIPZIG, 10.0—Easter Programme (contd. from 9.20), 10.20—News, 10.40—Easter Programme (contd.), MONTE CENERI, 10.0—To be announced, 10.15—Dance Music, MOSCOW (No. 1), 10.5—English Programme: (a) Talk: Education, (b) The Soviet's Greatest Task—Listeners' Opinions, MUNICH, 10.0—News, 10.30—Dance Music, OSLO, 10.0—Topical Talk, 10.15—Reading, 10.45—Dance Music, PARIS (Poste Parisien), 10.0—Concert, 10.15—Excerpts, "Gold-diggers of 1935" (Warren), 10.30—Records, PARIS (PTT), 10.0—"Le manoir de Pictordu"—Operetta (Serpette) (contd. from 8.30), 10.30—News, PARIS (Radio-Paris), 10.0: Humorous Sketches (contd. from 8.0), 10.30—Andolfi Dance Band, PRAGUE, 10.0—News, 10.15—Records, 10.30—News (German), RADIO-NORMANDIE, 10.0—Comedies (contd. from 9.0), ROME, 10.0—See 9.0 Turin, SOTTENS, 10.0—Records, STOCKHOLM, 10.0—Report from Copenhagen: The Workers' Sports, STRASBOURG, 10.0—Operettas (contd. from 9.0), STUTTGART, 10.0—News, 10.30—See Munich, TOULOUSE (Radio-Toulouse), 10.0—Variety, TURIN, 10.0—"La Straniera" (Bellini) (contd. from 9.0), VIENNA, 10.0—News, 10.25—

Wagner

Vienna Symphony Orchestra, Conductor: Auerth, Kalenberg (Tenor) and Rose Merker (Soprano), Overture, "Rienzi", Duet, "Tannhäuser", Overture "Lohengrin", Two Arias, "Tristan and Isolde", Excerpts, "The Mastersingers", "The Rhinegold", Siegmund's Love Song, "The Valkyrie", Scene, "Siegfried", WARSAW, 10.15—Dance Records.

11 p.m.

BERLIN, 11.0—See 9.0 Turin, BRESLAU, 11.0—Dance Music, BRUSSELS (No. 1), 11.0—Mortier's Dance Band, BRUSSELS (No. 2), 11.0—Records: "Lucia di Lammermoor" (Donizetti), BUDAPEST (No. 1), 11.5—Lakatos Cigany Band, COLOGNE, 11.0—See Munich, DEUTSCHLANDSENDER, 11.0—See Munich, HAMBURG, 11.0—Dance Music, HILVERSUM, 11.0—Variety (contd. from 10.10), 11.40—News, 11.50—Light Music, HUIZEN, 11.0—Orchestra (contd. from 8.45), 11.10—Records, KALUNDBORG, 11.0—Preil's Dance Band, 11.15—Dance Music from the Valencia, KÖNIGSBERG, 11.0—See Hamburg, LEIPZIG, 11.0—Easter Programme (contd. from 9.20), MOSCOW (No. 1), 11.5—Hungarian Talks: (a) For Young People, (b) Directors of Soviet Industry, MUNICH, 11.0—Dance Music, OSLO, 11.0—Dance Music, PARIS (Radio-Paris), 11.0—Andolfi Dance Band, RADIO-NORMANDIE, 11.0—Military Music, 11.30—Dance Music, ROME, 11.0—See 9.0 Turin, STUTTGART, 11.0—See Munich, TOULOUSE (Radio-Toulouse), 11.0—Variety, TURIN, 11.0—"La Straniera" (Bellini) (cont. from 9.0), VIENNA, 11.0—Wagner (contd. from 10.25), 11.50—Announcements, WARSAW, 11.5—Dance Records.

12 midnight

BRESLAU, 12.0—Dance Music, COLOGNE, 12.0—Dance Records, HILVERSUM, 12.0-12.40—Light Music (contd. from 11.50), HUIZEN, 12.0-12.10—Records, KALUNDBORG, 12.0—Dance Music, LEIPZIG, 12.0—Easter Programme (contd. from 9.20), RADIO-NORMANDIE, 12.0—Dance Music, STUTTGART, 12.0—Concert, TOULOUSE (Radio-Toulouse), 12.0—Variety, VIENNA, 12.5—Dance Music.

1 a.m. (Tuesday)

BERLIN, 1.0—Dance Music, KALUNDBORG, 1.0—Dance Music, RADIO-NORMANDIE, 1.0—News, 1.10—Dance Music, STUTTGART, 1.0—Concert.

TUESDAY April 23

PRINCIPAL EVENTS

NATIONAL
For Time Signals, see Monday
10.15 a.m. (Droitwich)—Service.
10.30 (Droitwich)—Weather Forecast.
10.45—"Farmhouse Cookery." Mrs. Arthur Webb.
11.0—Cinema Organ (Sidney Torch).
11.30—Records.
12.0—Karl Caylus Players. Jennie Maude (Soprano).
1.0 p.m.—Troxy Grand Orchestra.
2.0—Miscellaneous Records.
2.15—Speeches from the Annual Shakespeare Birthday Celebration. Lord Hanworth, K.B.E., S. R. Littlewood, B. Iden Payne. Relayed from the Conference Hall, Stratford-on-Avon.
3.0—The Scottish Studio Orchestra.
4.0—To Unemployed Listeners: "This and That." John Hilton.
4.20—The Serre Trio. Arnold Matters (Bass-Baritone). Sonata (Erlbach). Songs (Wolf, Strauss, Parry). Trio No. 1 (Turina).
5.15—The B.B.C. Dance Orchestra.
6.0—"The First News."
6.25—Interlude.
6.30—"The Foundations of Music." Bach Church Cantatas.
6.50—French: E. M. Stéphan.
7.20—Records.
7.30—Custom and Conduct, Part 1. "Forces that Mould our Lives"—1: Heridity. H. A. Mess, Ph.D.
8.0—Albert Sammons (Violin); William Murdoch (Pianoforte). Sonatensatz (Brahms). Sonata No. 2 (Goossens).
8.45—"Merely Players." A fantasy of dreams and dollars by L. du Garde Peach. Produced by Howard Rose and Owen Reed.
9.30—"The Second News."
9.50—"Current Economic Affairs." Sir William Beveridge, K.C.B.
10.0—"Freedom" 4: J. L. Garvin.
10.20—B.B.C. Theatre Orchestra. Fantasy, A Chat with Delibes (arr. Urbach). Intermezzo, Cavalleria Rusticana (Mascagni). Gavotte (Mignon) (Thomas). Barcarolle (Tales of Hoffman) (Offenbach). A Roman Rhapsody (Carabella). The Queen's Polka (Raff). Three Japanese Pictures (Mayerl). Potpourri of Brahms' Hungarian Dances (arr. Lotter).
11.15-12.0 (Droitwich)—Dance Music: Lew Stone and his Band.

REGIONAL
For Time Signals, see Monday
10.30-10.45 a.m. (except Midland)—Droitwich.
10.45—B.B.C. Northern Orchestra.
11.45 (except Northern)—New Victoria Cinema Orchestra.
11.45(Northern)—Trooping the Colours by the 2nd Bn. Northumberland Fusiliers.
12.45 p.m. (Northern from 1.0)—Records.
1.15—Organ (Graham Steed).
2.0—The Tower Orchestra.
3.0 (Northern till 4.0)—Torquay Municipal Orchestra. Miriam Benham (Contralto).
4.0 (Northern)—Evensong.
4.30 (Northern from 4.45)—Records.
5.15—The Children's Hour.
6.0—"The First News."
6.30 (except Scottish, N. Ireland)—Andrew James and his Orchestra.
6.30 (Scottish)—Aitealan o'n Iar.
6.30 (N. Ireland)—Victoria Male Choir. Marjorie Brown (Cello).
6.50 (Scottish)—Violin.
7.15 (Regional, Northern, N. Ireland)—Wireless Military Band.
7.15 (Midland)—Reading from Rupert Brooke.
7.15 (Scottish)—Strange Tales—2.
7.15 (Western)—Studio Orchestra.
7.30 (Midland)—Melbourne Male Voice Choir.
7.30 (Scottish)—Variety (Edinburgh).
8.0 (Regional, Western, N. Ireland)—"Old Wine in New Bottles."
8.0 (Midland)—Talk: John Howell.
8.0 (Northern)—News Review.
8.15 (Regional)—Fred Hartley Quintet.
8.15 (Midland)—Records.
8.15 (Scottish)—"The Message of Easter" in speech and song.
8.15 (Western)—Yeoman's English.
8.15 (N. Ireland)—Wagner Concert.
8.20 (Northern)—Folk Songs.
8.40 (Western)—Hubert Pengelly (Pianoforte).
8.45 (Northern)—Records.
9.0 (Regional, Midland, Scottish)—B.B.C. Orchestra (Section E).
9.0 (Western)—"The Committee"—a comedy by D. T. Davies.
9.10 (Northern)—Northern Orchestra.
9.30 (Western)—Organ Recital.
9.30 (N. Ireland)—Variety (Belfast).
10.0—News Summary.
10.10 (Scottish from 10.20)—Lew Stone and his Band.
10.10 (Scottish)—News Bulletin.
11.0—Dance Records.
11.15-12.10 (ex. Midland)—Lew Stone

SYMPHONY CONCERTS
P.M.
8.20 Poste Parisien: Colonne Concert.
9.15 Brussels I: 2nd Symphony (Beethoven), etc.
LIGHT CONCERTS
1.40 Huizen: The K.R.O. Boys.
3.45 Warsaw: Light orchestra.
4.0 Hamburg: Orchestra, songs.
5.0 Cologne: Music of Finland.
6.20 Breslau: Polish choral music.
6.30 Strasbourg: Alsatian composers.
7.0 Breslau: Community singing.
7.0 Frankfurt: Light orchestral.
7.15 Regional: Wireless Military Band.
7.45 Stockholm: Scandinavian programme.
8.0 Brussels I: Mandoline orchestra.
8.0 Brussels 2: Orchestra; "The Ladies."
8.20 Kalundborg: Opera music.
8.30 French PTT Stations, ex. Radio-Paris: French programme.
8.45 Budapest I: Orchestra, pfte., soprano.
8.45 Frankfurt: Johann Strauss.
8.45 Huizen: Variety concert.
8.45 Königsberg: Station orchestra.
8.45 Leipzig: Band concert.
8.50 Beromünster: Puccini, Mendelssohn.
9.0 Radio-Normandie: Arthur Marye's music.
9.5 Sottens: Light music.
10.0 Turin: Orchestra, pianoforte.
10.15 Kalundborg: Czech, Russian, music.
10.40 Berlin: von Wolzogen programme.
11.0 Hamburg: Orchestra.
11.25 Vienna: Serenade.
OPERA
7.5 Bucharest: "Parsifal" (Romanian Opera).
OPERA
9.10 Hamburg: "Die linden Lüfte. . ."

CHAMBER MUSIC
P.M.
4.0 Frankfurt: Violin and pianoforte.
7.0 Berlin: Pianoforte and winds.
8.0 National: Violin, pfte. (Brahms, Goossens).
8.45 Radio-Paris: Quartet (Kreisler), songs.
10.40 Königsberg: Pfte. quintet (Brahms), etc.
RECITALS
4.55 Huizen: Pianoforte, songs, recitation.
5.15 Warsaw: Two pianofortes (Brahms).
6.30 Brussels I: Pfte., Debussy, Ravel, Jongen.
8.45 Hamburg: Old German choral music.
8.45 Rome: Cello.
10.20 Vienna: Alexander Svéd (Baritone).
11.0 Frankfurt: "Hits" old and new.
PLAYS
8.45 Breslau: "The Primadonna's Battle."
9.40 Beromünster: "Der Hochzeitsmorgen" (Schnitzler).
TALKS
2.15 National: Shakespeare Birthday speeches.
7.30 Stockholm, Budapest I; Prague, Vienna: Prince Gustaf Adolf: "Scouting" (English).
LANGUAGE LESSONS
5.30 Prague: German; 6.0, Stuttgart: French; 6.15, Kalundborg: German; 6.20, Vienna: French; 6.50, National: French; 7.0, Athlone: German; 7.20, Beromünster: French; 8.10, Hilversum: English.
DANCE MUSIC
5.0 Brussels I; 10.0, Stockholm; 10.10, Brussels I, Regional; 10.20, Leipzig; 10.30, Breslau; 10.45, Warsaw; 11.0, Deutschlandsender, Budapest I; 11.10, Hilversum; 11.15, National; 11.40, Berlin; 12.0, Radio-Normandie.
MISCELLANEOUS
9.0 Warsaw: Revue.

Hours of Transmission in British Summer Time.

6 a.m. — 8 a.m.
BERLIN, 6.35—See Hamburg. 8.0—8.20—Records.
BRESLAU, 6.35—Records. 7.15—See Cologne. 8.30—Records.
BUDAPEST (No. 1), 6.45—Gym; Records.
COLOGNE, 6.0—Motto; Records. 6.45—Gym. 7.0—Weather; Hymn. 7.15—Concert. 8.30—For Women.
DEUTSCHLANDSENDER, 6.20—Records. 8.0—Music.
FRANKFURT, 6.55—Motto; Hymn. 7.0—Records. 8.15—Gym.
HAMBURG, 6.35—Orchestra. 8.0—Talk; Records.
HILVERSUM, 8.40—Records.
HUIZEN, 8.40—Records.
KÖNIGSBERG, 6.35—See Hamburg. 8.0-8.10—Prayers. 8.30—Gym.
LEIPZIG, 6.35—See Hamburg. 8.0—Gym. 8.20—Records.
MUNICH, 6.55—Motto. 7.0—Records. 8.15-8.35—Gym.
PARIS (Poste Parisien), 7.10—Fanfare; Records; News.
PARIS (Radio-Paris), 6.45—Gym; Records; News.
PRAGUE, 6.0-7.15—Gym; Music; News.
STUTTART, 6.35—Gym; Records.
9 a.m.
BERLIN, 9.30—For Children.
BRESLAU, 9.0—News; Records.
HILVERSUM, 9.0—Records. 9.40—Orchestra.
HUIZEN, 9.0—Records.
LEIPZIG, 9.0-9.20—For Women.
MUNICH, 9.45—Records.
PRAGUE, 9.50—News.
10 a.m.
BERLIN, 10.0—News. 10.15—Experimental Transmissions.
COLOGNE, 10.0—News. 10.10—Talk. 10.25—Sequence with Music.
DEUTSCHLANDSENDER, 10.0-10.15—News. 10.45—For Children.
FRANKFURT, 10.0—News. 10.15—For Schools. 10.45—For Women.
HAMBURG, 10.50—News.
HILVERSUM, 10.0—Orchestra. 10.40—Service. 10.55—Records.
HUIZEN, 10.40—Records.
KÖNIGSBERG, 10.40—News.
LEIPZIG, 10.0—Announcements.

MUNICH, 10.0-10.45—Records.
PRAGUE, 10.5—News (German).
10.10—Records. 10.15—Orchestra.
STUTTART, 10.0—News. 10.15—For Schools. 10.45—Handel.
11 a.m.
BRESLAU, 11.30—News.
COLOGNE, 11.0—Sequence with Music. 11.20—Talk. 11.30—Records.
DEUTSCHLANDSENDER, 11.15—For Farmers.
FRANKFURT, 11.0—Concert. 11.30—Announcements; Exchange.
HAMBURG, 11.0—Records: "Carmen" (Bizet).
HILVERSUM, 11.0—Records. 11.10—Orchestra. 11.40—For Housewives.
HUIZEN, 11.0—Records. 11.10—Concert. 11.40—Records.
KÖNIGSBERG, 11.5—For Farmers. 11.30—Records.
LEIPZIG, 11.0—Records. 11.30—News.
MUNICH, 11.0—Talks: Zither Music.
PRAGUE, 11.0—Record: Band. 11.55—For Farmers.
STUTTART, 11.0—Handel. 11.15—Records. 11.45—For Farmers.
TURIN, 11.30—Quintet.
12 noon
BERLIN, 12.0—Orchestra.
BEROMÜNSTER, 12.0—Orchestra.
BRESLAU, 12.0—See Munich.
BRUSSELS (No. 1), 12.0—Records. 12.30—Cigany Band.
BRUSSELS (No. 2), 12.0—Records. 12.30—Radio Orchestra. Conductor: Doulicz. Songs in the Intervals.
BUDAPEST (No. 1), 12.5—Violin. 12.30—News.
COLOGNE, 12.0—Orchestra.
DEUTSCHLANDSENDER, 12.0—See Cologne.
FRANKFURT, 12.0—Records.
HAMBURG, 12.0—Shipping. 12.10—See 12.0 Berlin.
HILVERSUM, 12.0—For Housewives. 12.10—Pianoforte. 12.30—"The Minstrels."
HUIZEN, 12.0—Records. 12.10—Roman Catholic Address. 12.40—Police Messages. 12.55—Records.
KALUNDBORG, 12.0—Andersen's String Ensemble.
KÖNIGSBERG, 12.0—See Berlin.
LEIPZIG, 12.0—Records.

MONTE CENERI, 12.0—News. 12.5—Orchestra. 12.55—News.
MUNICH, 12.0—Station Orchestra. Conductor: Kloss.
PARIS (Poste Parisien), 12.0—Exchange. 12.5—Request Concert. 12.25—Interview. 12.30—Records.
PARIS (Radio-Paris), 12.15—Kretly Orchestra.
PRAGUE, 12.0—For Farmers. 12.10—Records. 12.25—News. 12.35—Orchestra.
ROME, 12.30—Records.
SOTTENS, 12.30—News. 12.40—Records.
STUTTART, 12.0—See Frankfurt.
TURIN, 12.0—Quintet. 12.45—News.
VIENNA, 12.0—Records.
WARSAW, 12.5—Chamber Orchestra. 12.50—For Women. 12.55—News.
1 p.m.
ATHLONE, 1.30—Weather; Exchange; Records.
BERLIN, 1.0—Midday Echoes. 1.20—Orchestra.
BEROMÜNSTER, 1.0—Orchestra (contd. from 12.0). 1.25—Exchange.
BRESLAU, 1.0—See 12.0 Munich. 1.15—Records. 1.30—News. 1.45—Records.
BRUSSELS (No. 1), 1.0—News. 1.10—Cigany Band. 1.30—Organ.
BRUSSELS (No. 2), 1.0—News. 1.10—Radio Orchestra. 1.30—Records.
BUDAPEST (No. 1), 1.20—Orchestra.
COLOGNE, 1.0—News. 1.10—Orchestra (contd. from 12.0).
DEUTSCHLANDSENDER, 1.0—Greetings. 1.10—See 12.0 Cologne. 1.45—News.
FRANKFURT, 1.0—News. 1.15—Band.
HAMBURG, 1.0—Midday Echoes. 1.10—Light Music.
HILVERSUM, 1.0—Light Music.
HUIZEN, 1.0—Records. 1.40—K.R.O. Boys.
KÖNIGSBERG, 1.0—Announcements. 1.5—Records.
LEIPZIG, 1.0—News. 1.20—See Berlin.
MONTE CENERI, 1.5—Records.
MUNICH, 1.0—Orchestra (contd. from 12.0). 1.15—News. 1.25—Records.
PARIS (Poste Parisien), 1.0—Exchange. 1.5—Interlude. 1.19—Records.
PARIS (Radio-Paris), 1.0—Opera Music; Light Music. In the Interval at 1.20: News; Exchange.
PRAGUE, 1.0—Orchestra. 1.35—

Talk. 1.45—Records. 1.55—Exchange.
ROME, 1.0—Announcements. 1.5—See Turin.
SOTTENS, 1.0—Records.
STOCKHOLM, 1.0—Light Music.
STUTTART, 1.0—News. 1.15—See Frankfurt.
TURIN, 1.0—Announcements. 1.5—Humorous Programme. 1.15—Ambrosiana Orchestra. Conductor: Culotta.
VIENNA, 1.0—News. 1.10—Records.
WARSAW, 1.0—Songs; Violin; Pianoforte. 1.45—Labour Exchange. 1.50—Announcements. 1.55—Exchange.
2 p.m.
ATHLONE, 2.0—Records.
BERLIN, 2.0—News; Records.
BRESLAU, 2.5—Exchange. 2.10—Records. 2.35—Greetings. 2.40—Markets.
BUDAPEST (No. 1), 2.0—Orchestra. 2.40—Cookery.
COLOGNE, 2.0—News. 2.15-2.30—Four Songs (Grieg). 2.45—Exchange; Markets.
DEUTSCHLANDSENDER, 2.0—Variety. 2.55—News.
HAMBURG, 2.0—Light Music. 2.15—News. 2.30—Richard Strauss Waltz Records.
FRANKFURT, 2.0—Military Band. 2.15—News. 2.30—Industrial Review. 2.45—Exchange.
HILVERSUM, 2.0—Light Music.
HUIZEN, 2.0—K.R.O. Boys. 2.40—For Women.
KÖNIGSBERG, 2.0—News. 2.5—Records.
LEIPZIG, 2.0—News; Exchange. 2.10—Records. 2.45—Art Notes.
MUNICH, 2.0-2.20—News; Exchange.
PARIS (Poste Parisien), 2.0—Exchange.
PRAGUE, 2.0-2.5—Exchange and Weather (German).
ROME, 2.0—News; Exchange. 2.15—Announcements; "Giovinezza" (Blanc). 2.20—Literary Talk: Gaspare Stampa. 2.25—For the Balilla. 2.35—Operetta Music. Excerpts "Primarosa" (Pietri) and "The Geisha" (Jones). 2.45—Topical Talk: Political, Economic, and Sports Notes. 2.55—Announcements.
STOCKHOLM, 2.0—Gym. 2.20—Light Music.
STUTTART, 2.0-2.15—See 1.15

Frankfurt. 2.45—Duets on Two Pianofortes.
TURIN, 2.0—Exchange; Records.
VIENNA, 2.0—Records of Berta Kiriuna (Soprano). 2.20—Announcements.
3 p.m.
BERLIN, 3.0-3.30—Exchange.
BEROMÜNSTER, 3.30—Orchestra.
BRESLAU, 3.0—Markets. 3.10—Agnes Pollok (Soprano). 3.40—Talk.
COLOGNE, 3.0—Talks. 3.30—Exchange. 3.45—Talk for Women.
DEUTSCHLANDSENDER, 3.0—Exchange. 3.15—Two Talks: 3.45—"Das Osterfeuer" (Euringer).
FRANKFURT, 3.15—Talks.
HAMBURG, 3.0—Exchange. 3.30—Brazilian Exchange. 3.40—Shipping.
HILVERSUM, 3.0—Light Music. 3.40—Dressmaking.
HUIZEN, 3.0—For Women.
KALUNDBORG, 3.0—Jutland Songs. 3.30—Nielsen's String Ensemble.
KÖNIGSBERG, 3.0—Markets. 3.10—For Children. 3.35—Hints for Ramblers. 3.45—Book Review.
LEIPZIG, 3.35—Exchange.
MUNICH, 3.0—For Women. 3.40—Reading.
PARIS (Poste Parisien), 3.15—Exchange. 3.45—Exchange.
PARIS (Radio-Paris), 3.45—Exchange.
PRAGUE, 3.45—Exchange. 3.55—Orchestra.
ROME, 3.0—Marcia Reale (Gabetti); Giovinezza (Blanc).
STUTTART, 3.0—Duets on Two Pianofortes. 3.15—Talk: Flowers. 3.45—Talk: Animals.
VIENNA, 3.0—Exchange; Markets. 3.20—Medical Hints. 3.40—Talk: Handel as a Child.
WARSAW, 3.45—Light Orchestra.
4 p.m.
BERLIN, 4.0—Festival Suite. Conductor: Klinger. 4.30—"The Wizard of Königsstein"—Sequence (on Records).
BEROMÜNSTER, 4.0—See Sottens.
BRESLAU, 4.0—Talk. 4.10—For Women. 4.30—Orchestra.
BRUSSELS (Nos. 1 and 2). 4.55—Announcements.
BUDAPEST (No. 1), 4.10—For Schools.

TUESDAY April 23

4 p.m. (contd.)

COLOGNE, 4.0—Davidsbündler-tänze (Schumann) by Hartmann (Pianoforte). 4.30—Science Talk.

DEUTSCHLANDSENDER, 4.0—See Hamburg.

FRANKFURT, 4.0—Willy Heuser (Violin) and Meta Heuser (Pianoforte). 4.30—Talk. 4.45—Talk.

HAMBURG, 4.0—The "Bremen Stadtmusikanten," Traute Rohne (Soprano) and Reitmayer (Baritone).

HILVERSUM, 4.0-4.40—Dressmaking. 4.55—Records.

HUIZEN, 4.0-4.40—Dressmaking. 4.55—Mme. van Saane-Korsten (Contralto); Dora van Weert (Pianoforte); Thérèse de Waal (Recitations).

KALUNDBORG, 4.0—Nielsen's String Ensemble.

KÖNIGSBERG, 4.0—Orchestra.

LEIPZIG, 4.0—Burgert (Pianoforte). 4.30—Talk. 4.50—Exchange; Brazilian Exchange.

MONTE CENERI, 4.0—See Sottens.

MUNICH, 4.0—For Farmers. 4.10—Pianoforte Trio in C (Casimir von Paszthory). 4.40—Talk.

MORAVSKÁ-OSTRAVA, 4.0—Station Orchestra. Conductor: Musil.

MOSCOW (No. 1), 4.30—Communist Party Programme.

PARIS (Poste Parisien), 4.50—Exchange.

PRAGUE, 4.0—Orchestra. 4.45—For Young People.

ROME, 4.30—News; Exchange. 4.40—For Children.

SOTTENS, 4.0—Lopez Orchestra. 4.30—Ribeauquier (Violin) and Marguerite Rothen (Pianoforte). 4.50—Dutoit (Bass).

STUTTART, 4.0—See Hamburg.

TURIN, 4.30—News. 4.40—For Children.

VIENNA, 4.0—News; Exchange. 4.5—Records. 4.45—Talk: Photography. 4.55—Handwork.

WARSAW, 4.0—Orchestra. 4.30—For Children. 4.45—Records of Cassado (Cello).

5 p.m.

BERLIN, 5.0—See Leipzig.

BEROMÜNSTER, 5.5—See Sottens.

BRESLAU, 5.0—Light Orchestral Music.

BRUSSELS (No. 1), 5.0—Dance Records.

BRUSSELS (No. 2), 5.0—Records: "A Waltz Dream" (Oscar Straus). 5.45—For Children.

BUCHAREST, 5.0—Records.

BUDAPEST (No. 1), 5.0—Report: The International Fair. 5.20—Jazz Band.

COLOGNE, 5.0—

Station Orchestra. Conductor: Kühn. Milli Engelmann-Gillrath (Soprano) and Grape (Pianoforte).

DEUTSCHLANDSENDER, 5.0—See 4.0 Hamburg. 5.10—Sports for Young People. 5.25—Discussion: Health Protection. 5.45—David Blair McClosky (Baritone).

FRANKFURT, 5.0—Trier Municipal Orchestra. Conductors: Creutzburg, Werding, Hansen, and Bachmann. Hedwig Schöning (Soprano), and Jost (Baritone). In the Interval: Art Notes.

HAMBURG, 5.0—"Bremen Stadtmusikanten" and Soloists (contd. from 4.0).

HILVERSUM, 5.10—Children. 5.40—For Children.

HUIZEN, 5.0—Contralto, Pianoforte, and Recitations (contd. from 4.55). 5.40—K.R.O.Orchestra. Conductor: Gerritsen.

KALUNDBORG, 5.0—For Children. 5.30—Exchange. 5.42—A Poem. 5.45—Talk.

KÖNIGSBERG, 5.0—Orchestra.

LEIPZIG, 5.0—Orchestra.

MONTE CENERI, 5.5—See Sottens.

MUNICH, 5.0—Station Orchestra. Conductor: Kloss.

MOSCOW (No. 1), 5.0—Communist Party Programme.

OSLO, 5.0—Records. 5.30—Service.

PRAGUE, 5.5—Records. 5.15—Talk. 5.25—Records. 5.30—German. 5.45—Smetana and Puccini Arias.

ROME, 5.5—Music Talk. 5.30—Light Music.

SOTTENS, 5.5—Chamber Music Records. 5.30—Lopez Orchestra.

STOCKHOLM, 5.5—Songs to the Lute. 5.20—Talk. 5.50—Records.

STRASBOURG, 5.0—Orchestra.

STUTTART, 5.0—See 4.0 Hamburg.

TURIN, 5.5—Music Talk.

VIENNA, 5.0—Handwork. 5.20—Wolf (Pianoforte). Andante from

the Organ Concerto in F (Handel-Wolff). Thirty-Two Variations in C minor (Beethoven). Impromptu in G sharp (Schubert). Impromptu in E flat (Schubert). 5.55—Talk: Marco d'Aviano and Capistrano.

WARSAW, 5.0—Letter-Box. 5.15—Sonata in F minor for Two Pianofortes

Brahms

5.50—Talk.

6 p.m.

ATHLONE, 6.0—For Children. 6.45—News.

BERLIN, 6.0—Opera Programmes for the Coming Week. 6.30—For Gardeners. 6.40—Talk.

BEROMÜNSTER, 6.0—Records. 6.30—Talk.

BRAITSLAVA, 6.0—Hungarian Transmission. 6.40—Medical Talk.

BRESLAU, 6.0—Reading from "Der Oberschlesier." 6.20—Polish Folk Songs by the Danasänger Choir. 6.40—Talk: National Recovery.

BRNO, 6.0—German Transmission. 6.50—For Farmers. 6.40—Records. 6.25—Music Review. 6.40—Records.

BRUSSELS (No. 1), 6.0—Spanish and Russian Folk Songs. 6.15—Talk: The French Language outside France. 6.30—Marie de Vos (Pianoforte). Pieces (Debussy): (a) Reflets dans l'eau, (b) El Puerto del vino, (c) Poissons d'or. Sonatina (Ravel). Airs de fête (Jongen).

BRUSSELS (No. 2), 6.0—For Children. 6.30—Russian Orchestra.

BUCHAREST, 6.0—Educational Talk. 6.15—Records. 6.45—Talk.

BUDAPEST (No. 1), 6.0—Jazz Band (contd. from 5.20). 6.20—Talk: The Hungarian Parliament. 6.50—Records.

BUDAPEST (No. 2), 6.45—For Farmers.

COLOGNE, 6.0—"Finland's Music" (contd. from 5.0). 6.30—Talk: Animals and Plants. 6.45—Weather; Exchange; Sports.

DEUTSCHLANDSENDER, 6.0—David Blair McClosky (Baritone). 6.10—For Girls. 6.20—Political Press Review. 6.40—To be announced.

FRANKFURT, 6.0—Trier Municipal Orchestra (contd. from 5.0). 6.30—Talk: The International Dog

musical (Schubert). Waltz (Strauss). 6.50—Talk.

LEIPZIG, 6.0—Light Orchestral Music. 6.30—Discussion between a Worker and a Student. 6.50—Talk: The Military Training of Youth among Germany's Neighbors.

LYONS (La Doua), 6.0—See Paris (Radio-Paris). 6.30—News.

MORAVSKÁ-OSTRAVA, 6.5—Local News. 6.10—Records. 6.15—German Transmission: For Farmers; Medical Talk; Records.

MOSCOW (No. 1), 6.30—Symphony Concert. Conductor: Mikeladze.

MUNICH, 6.0—Orchestra (contd. from 5.0). 6.30—Reading. 6.50—For Farmers.

OSLO, 6.0—Service. 6.30—For Women; Records.

PARIS (Poste Parisien), 6.25—Exchange. 6.30—Protestant Review. 6.50—Film Review. 6.57—Topical Talk.

PARIS (PTT), 6.0—Talk. 6.20—Talk: Art and Life. 6.30—News.

PARIS (Radio-Paris), 6.0—Dramatic Programme. 6.30—Weather; For Farmers: Racing. 6.45—Review of Prévost's Book, "Clarisse et sa fille."

PRAGUE, 6.0—Arias. 6.5—For Farmers. 6.15—German Transmission: Economics Talk; Wilhelm Gross Music Lisa Frank-Swoboda (Songs); News. 6.55—Records.

RADIO-NORMANDIE, 6.0—For Children. 6.45—Talk.

ROME, 6.0—Corn Prices. 6.10-6.15—Italian for Greeks. 6.45—Tourist Report; Announcements.

SOTTENS, 6.0—For Children. 6.30—Espéranto. 6.40—Songs. 6.50—Talk: The Indian Ocean.

STOCKHOLM, 6.0—Records. 6.45—Legal Review.

STRASBOURG, 6.0—Legal Talk in German. 6.15—Topical Talk. 6.30—Music by Alsatian Composers. Conductor: De Villers. Symphony (Boellmann). Melodies (Hussonmorel): A la recherche de la bien-aimée. Song with String Quartet. Effet de couchant. Song with Harp Accompaniment. Nuit sombre. Two Songs: (a) La Madone, (b) Au clair de la lune. Berceuse for Four Voices with String Quartet Accompaniment.

7 p.m.

ATHLONE, 7.0—German. 7.15—Talk in Irish by D. O'Brian. 7.30—Station Orchestra.

BERLIN, 7.0—Pianoforte and Wind Quintet. Stimmungsbilder for Pianoforte (Strauss). Sextet in A flat for Pianoforte and Wind Instruments (Schmalstich). 7.40—Evening Echoes.

BEROMÜNSTER, 7.0—Announcements. 7.5—Interviews with Members of the Unemployment Commission. 7.20—French. 7.50—Women's Choir. Conductor: Hug. Radio Orchestra. Conductor: Gilbert.

BRATISLAVA, 7.10—Talk. 7.30—See Stockholm. 7.45—Records. 7.50—Björnsterne Björnson Anniversary.

BRESLAU, 7.0—Community Singing. 7.50—Talk: The Industrial Revival.

BRNO, 7.10—Records. 7.15—French. 7.30—See Stockholm. 7.45—"Spring"—Broadcasting Poem (Durdik; Music by Ambros).

BRUSSELS (No. 1), 7.0—Jane Vallier (Songs). Au bord de l'eau (Fauré). Chanson de printemps (Gounod). Largo (Handel). Villanelle des petits canards (Chabrier). Les trois petits oiseaux (Pierne). 7.15—Recitations by Lepape, with Pianoforte accompaniment by Marie Herzberg. 7.30—Colonial Review; Sports Review.

BRUSSELS (No. 2), 7.0—Economic Review. 7.15—"Op voor het Plan van den Arbeid"—Song (Woronov) to Words of Verougstrate, sung by Jan Bard. 7.30—For Women.

BUCHAREST, 7.0—Talk. 7.5—"Parsifal"—Opera in Three Acts (Wagner), from the Romanian Opera. In the Intervals: News.

BUDAPEST (No. 1), 7.0—Records. 7.30—See Stockholm. 7.50—Josef Vidák's Cigány Band.

BUDAPEST (No. 2), 7.0—For Farmers. 7.45—Talk.

COLOGNE, 7.0—Songs by Boys. 7.30—Records. 7.50—Snapshots.

DEUTSCHLANDSENDER, 7.0—Variety (on Records).

FRANKFURT, 7.0—Orchestra. Conductor: Schmidt. March, Leier und Schwert (Seibold). Waltz, Dorfschwalben aus Oesterreich (Jos. Strauss). Overture, "Anne Boleyn" (Donizetti). Intermezzo, Die kleinste Truppe (Lohr). Manchurian Suite (Glan). Spanish Legend (Rust). Dutch Windmills (Heykens). March, Einer für viele (Blankenburg).

HAMBURG, 7.0—See Königsberg.

HILVERSUM, 7.0—Fred Hartley's Novelty Quintet. 7.10—Talk. 7.40—Records.

HUIZEN, 7.0—Records. 7.20—Espéranto. 7.40—Police Messages. 7.55—Music Talk by Odette Lefèvre.

JUAN-LES-PINS (Radio Côte d'Azur), 7.15—Station Orchestra. Selection, "Le roi de Lahore" (Massenet). How many times a Day? (Diaz). Selection, "La Bohème" (Puccini). 7.30—Topical Talk. 7.40—For Farmers. 7.50—English.

KALUNDBORG, 7.0—News. 7.30—See Stockholm. 7.50—Talk: The People and the Church.

KÖNIGSBERG, 7.0—Dance Music.

LAHTI, 7.0—Talk. 7.10—Karin Englund (Songs), from Viipuri. 7.30—See Stockholm. 7.50—Station Orchestra. Ballet Music, The Demon (Rubinstein). "Lakmé" (Delibes). Waltz, "Raymonda" (Glazunov). Excerpts, "Scheherazade" (Rimsky-Korsakov). The Nutcracker Suite (Tchaikovsky). Orientale (Cui). Waltz, "Eugene Onegin" (Tchaikovsky).

LEIPZIG, 7.0—Talk (contd. from 6.50). 7.10—Records.

LYONS (La Doua), 7.0—News. 7.30—Local News. 7.40—Legal Talk. 7.50—Talk: Poultry Keeping.

MONTE CENERI, 7.15—Famous Romances and Serenades. Radio Orchestra. Conductor: Leopoldo Casella. Serenade, "Mignon" (Thomas). Serenata (Toselli). Ebben ne andrò lontana, "La Wally" (Catalani). Serenade (Schubert). Non t'amo più (Tosti). Ständchen (Strauss). 7.45—News.

MOSCOW (No. 1), 7.0—Symphony Concert. Conductor: Mikeladze.

MUNICH, 7.0—Youth's Appeal. 7.5—Topical Talk. 7.20—Recitations to Music. 7.40—New Lyric Poetry.

OSLO, 7.0—Announcements. 7.15—News. 7.30—See Stockholm. 7.45—Foreign Press Review.

PARIS (Eiffel Tower), 7.0—News. 7.25—Racing. 7.30—Discussion: The History of Art.

PARIS (Poste Parisien), 7.4—Record; Sports Notes. 7.10—News; An-

nouncements. 7.28—Records. 7.35—Programme by André Berley and Raymond Cordy.

PARIS (PTT), 7.45—Science Talk. 7.53—Talk.

PARIS (Radio-Paris), 7.0—Book Review. 7.5—Shipping. 7.15—Dialogue. 7.30—Music Hall. 7.50—Humorous Press Review.

PRAGUE, 7.0—News. 7.10—Dobrodinsky (Harp). 7.30—See Stockholm. 7.45—Reading.

RADIO-NORMANDIE, 7.0—Request Music.

ROME, 7.0—News in Foreign Languages. 7.40—News (English). 7.55—Talk in English: Travel in Italy.

SOTTENS, 7.0—Talk (contd. from 6.50). 7.10—Talk: Physical Geography. 7.40—Wireless Notes. 7.59—Weather.

STOCKHOLM, 7.0—Legal Review (contd. from 6.45). 7.15—News. 7.30—

Prince Gustaf Adolf addresses the Scouts of the World in English and Swedish. 7.45—Scandinavian Programme. Conductor: Wiklund. Björling (Songs). Excerpts from the Suite, Böhmerwald (Neruda). Song Cycle, En spelmann jordafärd (Larsson). Two Movements from the Symphony in C minor (Brahms). Rhapsody No. 2 (Alfvén).

STRASBOURG, 7.30—News. 7.45—Records.

STUTTART, 7.0—Opera Arias. 7.45—Humorous Items.

TOULOUSE (Radio-Toulouse), 7.0—Violin (contd. from 6.45). 7.10—Orchestra. 7.20—Chansonnettes. 7.30—News. 7.45—Light Music.

TURIN, 7.0—News in Foreign Languages. 7.40—News (English). 7.55—Talk in English: Travel in Italy.

VIENNA, 7.0—News. 7.30—See Stockholm. 7.45—Talk: U-Boat No. 12. 7.55—War Reminiscences.

WARSAW, 7.0—Records. 7.7—Announcements. 7.15—Farmers' Letter-box. 7.25—Sports Notes. 7.35—Guitar. 7.50—Reading.

8 p.m.



St. George, after the drawing by Durer; St. George's Day is the theme of several broadcasts to-day

Show at Frankfurt. 6.45—Talk: Punctuation. 6.55—Exchange; Announcements.

HAMBURG, 6.0—Talks. 6.45—Exchange.

HILVERSUM, 6.0—For Children. 6.10—Fred Hartley's Quintet. 6.40—Fred Hartley's Novelty Quintet.

HUIZEN, 6.0—Orchestra (contd. from 5.40).

KALUNDBORG, 6.0—Talk. 6.15—German. 6.45—Weather. 6.54—Announcements.

KÖNIGSBERG, 6.0—For Workers. 6.15—Markets. 6.20—See Breslau. 6.40—To be announced. 6.50—News.

LAHTI, 6.15—Station Orchestra. Conductor: Linko. Overture, "Preciosa" (Weber). Selection, "Tiefland" (d'Albert). Moment

STUTTART, 6.0—French. 6.15—Discussion. 6.30—Opera Arias.

TOULOUSE (Radio-Toulouse), 6.0—News. 6.15—Orchestra. 6.30—Opera Music. Arias, "Werther" (Massenet), "Manon" (Massenet), "Mirella" (Gounod) and "The Pearl Fishers" (Bizet). 6.45—Violin. Piece en forme de habanera (Ravel). Tambourin chinois (Kreisler). Parlais-tu de moi (Curtin). Pale moon (Knight). Le cygne (Saint-Saëns).

TURIN, 6.0—For Farmers. 6.10-6.20—Talk for Women. 6.45—Tourist Report; Announcements.

VIENNA, 6.0—Talk (contd. from 5.55). 6.20—French. 6.45—Talk.

WARSAW, 6.0—Songs by Bogucki and Zabyzyski. 6.15—Dramatic Programme. 6.30—Announcements. 6.45—Operetta and Jazz Records.

—Opera in Three Acts (Wagner), from the Romanian Opera. In the Intervals: News.

BUDAPEST (No. 1), 8.0—Josef Vidák's Cigány Band. 8.45—Buda-pest Concert Orchestra, from the Academy of Music. Conductor: Victor Vaszy. Maria Basilides (Songs), Hegyi and Kósa (Pianoforte). Concerto grosso in G minor (Handel). Job (Kósa). Suite (Vincze). Pianoforte Concerto in A (Liszt). Scherzo, "L'apprenti sorcier" (Dukas).

BUDAPEST (No. 2), 8.5—Bertha Orchestra.

COLOGNE, 8.0-8.10—Announcements. 8.15—See Frankfurt. 8.45—See Berlin.

DEUTSCHLANDSENDER, 8.0—Motto; News. 8.15—See Frankfurt. 8.45—Otto Kermbach's Orchestra.

FRANKFURT, 8.0—News. 8.15—"The Peasant and the Reich"—Historical Radio Picture. 8.45—

Johann Strauss Station Orchestra. Conductor:

8 p.m. (contd.)

Rosbaud. Festival Polonaise. Coronation March. Coronation Songs. Polka. Im Pawlowskwalde. Romance for Cello and Harp. Quadrille on a Theme from Verdi's "Masked Ball." Studentenpolka. Fantasy, Im russischen Dorfe. Pauernpolka. Mazurka on Russian Melodies. Polka-Mazurka, Der Kobold. Russian March. Waltz, Abschied von St. Petersburg.

HAMBURG, 8.0—News. 8.15—See Frankfurt. 8.45—Old German Songs by the Kiel Bach Choir and Döring (Pianoforte).

HILVERSUM, 8.0—Records. 8.10—English. 8.40—Time. 8.41—News. 8.45—Revue.

HUIZEN, 8.0—Music Talk (contd. from 7.55). 8.25—Records. 8.40—News. 8.45—Variety. K.R.O. Orchestra. Conductor: van 't Woud; K.R.O. Boys. Conductor: Lustenhouwer. Soloists.

JUAN-LES-PINS (Radio Côte d'Azur), 8.0—News; Exchange. 8.15—Station Orchestra.

KALUNDBORG, 8.0—Talk (contd. from 7.50). 8.20—Opera Music. Radio Orchestra. Conductor: Mahler. Rena Madren (Songs). Overture, Fra Diavolo (Auber). Aria, "La Juive" (Halévy). Polonaise, "Eugene Onegin" (Tchaikovsky). Waltz, "Der Rosenkavalier" (Strauss). Aria, "The Pearl Fishers" (Bizet). Overture, "Si j'étais roi" (Adam).

KÖNIGSBERG, 8.0—News. 8.15—See Frankfurt. 8.45—Station Orchestra. Conductor: Wilcken.

LAHTI, 8.0—Orchestra (contd. from 7.50). 8.45—News.

LEIPZIG, 8.0—News. 8.15—See Frankfurt. 8.45—Military Band.

LILLE (Radio PTT Nord), 8.0—Records. 8.30—

French Music

Radio Orchestra, a Ladies' and a Children's Choir. Mme. Masurel and Jane Robillard-Voidé (Sopranos), Mme. Ramon (Mezzo - Soprano), Capoulade (Violin) and Coppenolle (Oboe). Allegro Symphonique (Gallois), conducted by the Composer. Rustique for Oboe and Orchestra (Lamy), conducted by the

Composer. Ballet, "The Queen of Sheba" (Hugon), conducted by the Composer. Prelude and Scherzo (Nivard), conducted by the Composer. Five Soprano Songs (Marguerite Canal): (a) Un grand sommeil noir, (b) Romance, (c) Jane, (d) Musique, (e) Douceur du soir.



Prince Gustaf Adolf, whose broadcast in English to the world's Scouts is relayed by several stations from Stockholm at 7.30 p.m.

"Sainte Germaine de Pibrac," for Choirs and Soloists (Gaujac), conducted by the Composer. Soirs d'Afrique (Bousquet), conducted by the Composer.

LYONS (La Doua), 8.0—Fantasies. 8.10—Medical Talk. 8.30—See Lille.

MONTE CENERI, 8.0—To be announced.

MORAVSKÁ - OSTRAVA, 8.30—Reading. 8.45—Records. 8.50—"Landerkenning"—Cantata (Grieg), Text by Björnson. Station Orchestra. Conductor: Hradil. Sokol Choral Society. Bednar (Baritone).

MUNICH, 8.0—News. 8.15—See Frankfurt. 8.45—Bavarian Folk Music.

OSLO, 8.0—Foreign Press Review. 8.15—Contemporary Norwegian Music. Station Orchestra. Conductor: Kramm. Symphonic Poem, Lotusland (Kleven). Music to Ane paa Torp (Olsen). First Movement, Symphony for Chamber Orchestra (Andersen). Suite, "Queen for a Day" (Bull).

PARIS (Eiffel Tower), 8.0—Topical Talks. 8.30—See Lille.

PARIS (Poste Parisien), 8.5—Interlude. 8.10—Exchange. 8.20—

Colonne Concert

Conductor: Paul Paray. 8.55—Exchange.

PARIS (PTT), 8.0—Records. 8.30—See Lille.

PARIS (Radio-Paris), 8.0—Reading (Husley). 8.30—News. 8.45—Station Quartet. Bernadette Delpraz (Songs) and Marguerite Beriza (Recitations). Quartet (Kreiser). Songs: (a) Song (Liszt), (b) Eir-tritt and Abschied (Schumann), (c) L'absence (Berlioz). Recitations. Quartet: Four Russian Pieces. Songs: (a) Coeur ardent (de Bréville), (b) La Balancelle (Migot), (c) Poème d'un jour (Fauré).

PRAGUE, 8.30—Literary Talk. 8.50—See Bratislava.

RADIO - NORMANDIE, 8.0—The Unfinished Symphony No. 8, in B minor (Schubert). 8.30—Topical Talk. 8.45—Chansonnettes.

ROME, 8.5—News; Sports Notes; Records. 8.30—Time; Announcements; Talk. 8.45—Ippolito Albertelli (Cello) and Rodolfo Baruti (Pianoforte). Aria (Porpora). Seven Variations on a Theme from Mozart's "Magic Flute" (Beethoven). Sonata in G (Brevai). Canzone (Veretti). Melody in F (Rubinstein). Moment musical (Schubert). Danse des Sylphides (Popper). In the interval: Talk.

SOTTENS, 8.0—Trio for Flute, Bassoon and Pianoforte (Beethoven). 8.15—Lecture Recital: The History of the Symphony—Schumann. 8.55—News.

STOCKHOLM, 8.0—Orchestra and Songs (contd. from 7.45).

STRASBOURG, 8.0—News (German). 8.30—See Lille.

STUTTGART, 8.0—News. 8.15—See Frankfurt.

TOULOUSE (Radio-Toulouse), 8.0—Light Music. 8.15—Film Music. 8.30—Cinema Organ.

TURIN, 8.5—News; Weather; Records. 8.30—Time; Announcements; Talk. 8.45—Programme by Students.

VIENNA, 8.0—War Reminiscences. 8.15—"Das Gespenst auf der Bastei"—One-Act Musical Comedy after Meisl (Metzl-Andreas).

WARSAW, 8.0—Old Songs. 8.45—News. 8.55—Talk: Life and Work in Poland.

9 p.m.

ATHLONE, 9.0—Station Orchestra. 9.30—Variety.

BERLIN, 9.0—"Der Tanz um die Sonne"—Musical Sequence (contd. from 8.45).

BEROMÜNSTER, 9.0—News. 9.10—Orchestra (contd. from 8.50). 9.25—Ernö Garay (Songs) from the Theatre, Bel. 9.40—"The Wedding Morn"—One-Act Play (Schnitzler).

BORDEAUX-LAFAYETTE, 9.0—See 8.30 Lille.

BRATISLAVA, 9.0—"Bergliot"—Drama (Björnson). Incidental Music by Greig.

BRESLAU, 9.0—"Der Primadonnenkrieg"—Musical Play (Heydrieh) (contd. from 8.45).

BRUSSELS (No. 1), 9.0—Records. 9.15—Symphony Orchestra. Conductor: André. Second Symphony (Debussy). Marche de fête (Busser).

BRUSSELS (No. 2), 9.0—Records. BUCHAREST, 9.0—"Parsifal"—Opera (Wagner) (contd. from 7.5).

BUDAPEST (No. 1), 9.0—Orchestra (contd. from 8.45). 9.50—News.

BUDAPEST (No. 2), 9.0—Bertha Orchestra. 9.15—News. 9.40—Czorna Cigány Band.

COLOGNE, 9.0—See 8.45 Berlin.

DEUTSCHLANDSENDER, 9.0—Otto Kernbach's Orchestra.

FRANKFURT, 9.0—Johann Strauss (contd. from 8.45).

HAMBURG, 9.0—Old German Choral Songs (contd. from 8.45). 9.10—"Die Linden Lüfte sind erwacht"—Operetta (Zimmermann).

TUESDAY April 23

Music by Paulsen. A Children's Choir, The Station Choir and Orchestra. Conductor: Secker.

HILVERSUM, 9.0—Revue. 9.55—French Variety (on Records).

HUIZEN, 9.0—Variety (contd. from 8.45). In the interval at 9.40; Humorous Talk: Films.

JUAN-LES-PINS (Radio Côte d'Azur), 9.0—News. 9.15—Station Orchestra.

KALUNDBORG, 9.0—Opera Music (contd. from 8.20). 9.10—A Visit to "De Gamles By." 9.35—Mörtensen (Saxophone). 9.50—Recitation; King Magnus' Saga.

KÖNIGSBERG, 9.0—Orchestra (contd. from 8.45).

LAHTI, 9.0—News (Swedish).

LEIPZIG, 9.0—Military Band.

LILLE (Radio PTT Nord), 9.0—French Music (contd. from 8.30).

LYONS (La Doua), 9.0—See 8.30 Lille.

MONTE CENERI, 9.0—To be announced.

MORAVSKÁ-OSTRAVA, 9.0—"Landerkenning" (Greig) (contd. from 8.50).

MOSCOW (No. 1), 9.0—German Programme: (a) For Country People, (b) Letter-box.

MUNICH, 9.0—Bavarian Folk Music. 9.40—Talk: The German East African Expedition 1934-35.

OSLO, 9.0—Contemporary Norwegian Music (contd. from 8.15). 9.15—Reading. 9.40—Weather. 9.45—News.

PARIS (Eiffel Tower), 9.0—See 8.30 Lille.

PARIS (Poste Parisien), 9.0—Colonne Concert (contd. from 8.20).

PARIS (PTT), 9.0—See 8.30 Lille.

PARIS (Radio-Paris), 9.0—Quartet; Songs; Recitations (contd. from 8.45). In the interval at 9.15: Sports.

PRAGUE, 9.0—To be announced.

RADIO-NORMANDIE, 9.0—Concert. Part I. Arthur Marye's Music. Part II. Classical Music and Variety.

REYKJAVIK, 9.0—Light Music. 9.50—Announcements.



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TUESDAY April 23

9 p.m. (contd.)

SOTTENS, 9.0 - News. 9.5- Geneva Radio Orchestra. March (Berger). Alt-Wiener Refrain (Kreislner). Suite, Alpujarra (Anduaga). Berceuse (d'Ollone). Galop (Strauss). Selection, "The Bird Fancier" (Zeller). Waltz, Donauwellen (Ivanovici). Suite brève (Dubois). Pochade (Mambour). In the Interval at 9.30: Weekly Review.
STOCKHOLM, 9.0-Talk; Natural Science. 9.30-Records of Richard Tauber. 9.45-News.
STRASBOURG, 9.0-See 8.30 Lille.
STUTTGART, 9.0-See 8.45 Frankfurt.
TOULOUSE (Radio-Toulouse), 9.0-Viennese Waltzes. 9.45-Operetta Music.
TURIN, 9.0-Programme by Students. 9.45-Talk.
VIENNA, 9.0 - Vienna Symphony Orchestra. Conductor: Holzer. Rosner and Drahozal (Violins). Overture, "Ball bei Hof" (Ziehrer). Nachfunken, for Two Violins and Orchestra (Lanner). Josef Strauss Potpourri (Fahrbach). Stephanie Gavotte (Czibulka). Marching Song, Schönes Mädel, teremete' (Fleming). Der Wiener Wald (Raimann). March Potpourri (Recktenwald).
WARSAW, 9.0-A Revue.

10 p.m.

ATHLONE, 10.0-Variety. 10.30-Time; News; Weather. 10.40-Records.
BARCELONA, 10.0-Chimes; Weather; For Seamen. 10.5-Variety. 10.55-Records.
BERLIN, 10.0-News. 10.20-Talk: Sport and Character. 10.40 "Schwabinger Klänge"-Sequence for Ernst von Wolzogen's Eightieth Birthday (Nebauer).
BEROMÜNSTER, 10.0-10.15-"The Wedding Morn"-Play (Schnitzler) (contd. from 9.40).

BORDEAUX-LAFAYETTE, 10.0-See 8.30 Lille; Amusement Guide; Time.
BRATISLAVA, 10.15-News in Hungarian. 10.30-Records.
BRESLAU, 10.0-News. 10.20-Wireless Technical Talk. 10.30-Dance Music.
BRUSSELS (No. 1), 10.0-News. 10.10-Dance Music from the Shanghai.
BRUSSELS (No. 2), 10.0-News. 10.10-Request Records.
BUDAPEST (No. 1), 10.0-Orchestra (contd. from 8.45).
BUDAPEST (No. 2), 10.0-Csorbá Cigány Band.
COLOGNE, 10.0-News. 10.20-Film Review.
DEUTSCHLANDSENDER, 10.0-News.
FRANKFURT, 10.0-News. 10.20-"Der goldene Grund"-Descriptive Sequence (Laven).
HAMBURG, 10.0-News. 10.25-Light Music.
HILVERSUM, 10.0-French Variety (on Records). 10.25-A.V.R.O. Orchestra and Choir. Conductors: Treep and Hamel. Di Moorlag (Soprano) and Baylé (Baritone). Schön Eilen (Bruch). Polish Dance (Scharwenka). Overture, "Die Fledermaus" (Strauss). Donauwellen (Ivanovici).
HUIZEN, 10.0-Variety (contd. from 8.45).
JUAN-LES-PINS (Radio Côte d'Azur), 10.0-Topical Talk.
KALUNDBORG, 10.0-News. 10.15-Czech and Russian Music. Radio Orchestra. Conductor: Mahler. Waltz, "Eugene Onegin" (Tchaikovsky). Overture, "The Bartered Bride" (Smetana). Excerpts, My Country (Smetana). Polovtsian Dances, "Prince Igor" (Borodin). Bacchanal, "The Seasons" (Glazunov).
KÖNIGSBERG, 10.0-News. 10.20-Political Press Review. 10.40-

Chamber Music

Karl Ninko Quintet, the Opera Wind Instrument Quintet, Schütz (Organ), and Gertrud v. Borzestöwsky (Contralto). Pianoforte Quintet in F minor (Brahms). Three Songs for Contralto and Organ (Kaminski). Quintet in E minor for Wind Instruments (Rorich).

LEIPZIG, 10.0-News. 10.20-Dance Music.
LILLE (Radio PTT Nord), 10.0-Gala Concert (contd. from 8.30)
LYONS (La Doua), 10.0-See 8.30 Lille. 10.30-News.
MOSCOW (No. 1), 10.5-French Talk; Soviet Policy.
MUNICH, 10.0-News; Exchange. 10.02-To be announced. 10.40-See Berlin.
OSLO, 10.0-Topical Talk. 10.15-To be announced.
PARIS (Eiffel Tower), 10.0-See 8.30 Lille.
PARIS (Poste Parisien), 10.0-Colonne Concert (contd. from 8.20).
PARIS (PTT), 10.0-See 8.30 Lille. 10.30-News.
PARIS (Radio-Paris), 10.0-Quartet; Songs; Recitations (contd. from 8.45). 10.30-Pascal Orchestra.
PRAGUE, 10.0-News. 10.15-Records. 10.30-News (English).
RADIO-NORMANDIE, 10.0-Concert (contd. from 9.0).
REYKJAVIK, 10.0-News. 10.30-Reading.
ROME, 10.0-To be announced.
SOTTENS, 10.0-Genève Radio Orchestra (contd. from 9.5). 10.10-10.20-Request Programme.
STOCKHOLM, 10.0-Ender's Dance Orchestra.
STRASBOURG, 10.0-See 8.30 Lille.
STUTTGART, 10.0-News. 10.40-See Berlin.
TOULOUSE (Radio-Toulouse), 10.0-Viennese Orchestra. 10.15-News. 10.30-"Le bonheur."
TURIN, 10.0-Orchestra from the Royal Conservatoire. Conductor: Casella. Marcella Barzetti (Pianoforte). Carnival Suite, (Schumann). Symphonic Variations for Pianoforte and Orchestra (Frank).
VIENNA, 10.0-News. 10.10-Report on the Austrian Music Day. 10.20-Alexander Svéd (Baritone). Arioso (Handel). Nel cor piu non mi (Paisiello). Vittoria, vittoria (Carissimi). Der Wanderer (Schubert). Zueignung (Strauss). Aria, "Resurrection" (Alfano). Ideale (Tosti). Cavatina, "The Barber of Seville" (Rossini).
WARSAW, 10.0-Revue. 10.30-Reading. 10.45-Light Music and Dance Music.

11 p.m.

BARCELONA, 11.0-News; Records.
BERLIN, 11.0-"Schwabinger Klänge"-Wolzen Sequence (contd. from 10.40). 11.40-Lew Stone's Dance Band from London.
BRESLAU, 11.0-Dance Music.
BUDAPEST (No. 1), 11.0-Jazz Music.
DEUTSCHLANDSENDER, 11.0-Dance Music.
FRANKFURT, 11.0-"Song Hits Old and New"-Franz Hauck's Band, the Dietrich Schrammel Quartet, and Soloists.
HAMBURG, 11.0-Station Orchestra. Conductor: Seeker. Karnevals-Episode (Blumer). Norwegian Rhapsody (Lalo). Peer Gynt Suite No. 2 (Grieg). Waltz, "Die Landstreicher" (Ziehrer). Overture, "Eva" (Lehár). March, Semper vivum (Larcher).
HILVERSUM, 11.0-Orchestra; Choir (contd. from 10.25). 11.10-Majo Marco Dance Orchestra. 11.40-News. 11.50-Records.
HUIZEN, 11.0-Variety (contd. from 8.45). In the Interval: News. 11.40-Records.
JUAN-LES-PINS (Radio Côte d'Azur), 11.0-International Programme.
KÖNIGSBERG, 11.0-Chamber Music (contd. from 10.40).
LEIPZIG, 11.0-Dance Music.
MADRID (EAJ7), 11.0-Chimes. 11.5-News. 11.15-Theatre Relay.
MOSCOW (No. 1), 11.5-Dutch Talk: Youth and the Proletariat.
MUNICH, 11.0-See 10.40 Berlin. 11.40-See 11.0 Hamburg.
PARIS (Radio-Paris), 11.0-Pascal Orchestra.
RADIO-NORMANDIE, 11.0-Variety.
REYKJAVIK, 11.0-Music to Shakespeare's Plays; Dance Music.
ROME, 11.0-News.
STRASBOURG, 11.0-Press Review.
STUTTGART, 11.0-See 10.40 Berlin. 11.40-Waltz Records.
TOULOUSE (Radio-Toulouse), 11.0-Sound Film Music. 11.15-Russian Songs. 11.35-Orchestra. Overture, "Idomeno" (Mozart). Hungarian Dance (Brahms). Hungarian Rhapsody (Liszt). 11.45-Choir.

12 midnight

BARCELONA, 12.0-Records.
BERLIN, 12.0-Lew Stone's Dance Band from London.
BUDAPEST (No. 1), 12.5-News.
DEUTSCHLANDSENDER, 12.0-12.30-Dance Music.
FRANKFURT, 12.0-Records. Selection, "Hansel and Gretel" (Humperdinck). Lortznieg Potpourri. Overture, "The Merry Wives of Windsor" (Nicolaï). Chorus, "Der Freischütz" (Weber). Excerpts, "Tiefand" (d'Albert). "Martha" (Flotow). "The Mastersingers" (Wagner). Quintet (Schumann). Overture (Frederick the Great). Violin Concerto (Mozart). Symphonic Excerpts (Schubert).
HILVERSUM, 12.0-12.40-Records.
HUIZEN, 12.0-12.40-Records.
MADRID (EAJ7), 12.0-Theatre Relay (contd. from 11.15). 12.45-News.
RADIO-NORMANDIE, 12.0-Dance Music.
REYKJAVIK, 12.0-Music to Shakespeare's Plays; Dance Music.
STUTTGART, 12.0-See Frankfurt.
TOULOUSE (Radio-Toulouse), 12.0-"Au caveau de minuit"-Fantasy. 12.15-News. 12.25-12.30-Band.
VIENNA, 12.0-Orchestra (contd. from 11.25).

1 a.m. (Wednesday)

BARCELONA, 1.0-News.
MADRID (EAJ7), 1.0-Theatre Relay (contd. from 11.15).
FRANKFURT, 1.0-Records (contd. from 12.0).
RADIO-NORMANDIE, 1.0-News. 1.10-Dance Music.
STUTTGART, 1.0-See 12.0 Frankfurt.

WEDNESDAY April 24

PRINCIPAL EVENTS

SYMPHONY CONCERTS

P.M.
3.15 National: Bournemouth, Betty Humby (pianoforte).
8.0 Bucharest: Berlioz's Requiem.
8.0 Sottens: Symphony (Haydn), etc.
8.5 Vienna: Brahms, Beethoven, Tchaikovsky.
8.45 Hamburg: Brahms's 4th Symphony.
9.0 Cologne: Choir, Orchestra (Schubert).

LIGHT CONCERTS

12.15 Radio-Paris: Light orchestral.
3.45 Warsaw: Orchestral music.
5.0 Frankfurt: Variety concert.
6.0 Berlin: Community singing.
7.0 Breslau: Vocal quartets, dance band.
7.0 Munich: Etté orchestra.
7.50 Beromünster: Organ and orchestra.
8.0 Brussels 1: Operetta music.
8.0 Kalundborg: Lehár, Kálmán.
8.0 Radio-Paris: French music.
8.0 Stockholm: Community singing.
8.45 Berlin: Orchestra, pianoforte (Rehberg).
8.45 Huizen: Male Voice Choir.
8.45 Munich: Orchestra, soprano songs.
9.25 Sottens: Neapolitan folk-music.
9.40 Beromünster: Swiss music.
10.10 Hilversum: Residentie Orchestra, songs.
10.20 Kalundborg: French music.
11.0 Hamburg: Suppé programme.
11.10 Budapest 1: Cigány Band.

OPERAS

7.30 Bratislava: Opera relay.
7.30 Budapest 1: "Faust" (Gounod) from Opera House.
9.0 Radio - Normandie: "Mirella" (Gounod) (sound-film).
9.0 Turin, National, and other European stations: "Aida" (La Scala).

OPERETTAS

7.0 Stuttgart, Frankfurt: "Dauerwelle Rokoko" (Eichhorn).
9.0 Strasbourg: "The Mountebanks."

CHAMBER MUSIC

P.M.
3.15 Frankfurt: Clarinet Trio (Mozart).
4.40 Huizen: Trios (Beethoven, Brahms).
7.15 Königsberg: Handel programme.
7.30 Huizen: Songs.
4.0 Frankfurt: Pianoforte (Handel, Bach).
5.0 Brussels 2: Flor Peeters' music.
5.15 Warsaw: Soprano songs, viola.
6.20 Breslau: Bach, C minor cello suite.
7.20 Berlin: Cornelis Bronsgeest (songs).
9.0 Brussels 2: Pfte. sonatas (Beethoven).
9.0 Regional: G. D. Cunningham (organ).

PLAYS

7.30 National: "Yellow Sands."
8.0 Prague: "The Makropulos Affair" (Capek).
8.45 Eiffel Tower: "Molière's Death" (Rostand).
9.0 Paris (PTT): "Henry III" (Dumas père).

TALK

7.0 Deutschlandsender: Otto Reutter reminiscences.

LANGUAGE LESSONS

6.15 Kalundborg: French; 6.45, Stockholm: German; 7.0, Athlone: Irish; 7.40, Rome, Turin: Italian for English beginners.

DANCE MUSIC

5.0 Brussels 1; 10.10, Brussels 1; 10.15, Regional; 10.30, Munich, Radio-Paris; 10.45, National; 11.0, Kalundborg; 12.0, Radio-Normandie.

MISCELLANEOUS

8.30 Brussels 1: Revue.
9.0 Stockholm: Cabaret.

NATIONAL

For Time Signals, see Monday 10.15 a.m. (Droitwich)-Service.
10.30 (Droitwich)-Weather forecast.
10.45-"Snake Gourds in Ceylon." F. A. E. Price.
11.0-Records.
11.45-Cinema Organ.
12.30 p.m.-Charles Manning and his Orchestra. March, Florentine (Fucik). Selection, You're in love (Friml). Home Again (Wayne). Two Songs without words (Mendelssohn). Suite, Summer Days (Coates). Little Hands and little Mouth (Stone). Selection, The Golden Toy (Schumann-Griffiths). Overture, Stradella (Flotow).
1.30-Organ (Guy Weitz). Fantaisie in A (Franck). Finale (Sonata on the 94th Psalm) (Reubek). Prelude in B (Saint-Saëns). Sicilienne, Stella Maris (Toccata from the Organ, Symphony) (Weitz).
2.15-Records.
2.50-Ernest Lush (Pianoforte). Children's Corner, Gardens in the Rain (Debussy).
3.15-Bournemouth Municipal Orchestra. Conductor, Richard Austin. Betty Humby (Pianoforte). Heroic Overture (O'Connor Morris). Serenade for Strings (Tchaikovsky). Concertstück for Pianoforte and Orchestra (Weber). Symphonic Suite, Scheherazade (Rimsky-Korsakov).
4.45-Variety Records.
5.15-The Charles Ernesco Quintet.
6.0-"The First News."
6.25-Interlude.
6.30-"Current Fiction": "Philemon."
6.45-For Farmers Only: Professor J. A. Scott Watson.
7.5-"The Foundations of Music." Bach Church Cantatas.
7.30-"Yellow Sands." A Devonshire Comedy by Eden and Adelaide Phillips. Adapted as a Radio Play and produced by Cyril Wood.
8.50-Records.
9.0-Act I of Verdi's "Aida" relayed from La Scala, Milan.
9.40-News Summary.
9.50-"Italian Opera." C. B. Rootham, Mus. Doc.
10.5-"Aida"-Act II.
10.45-12.0 (Droitwich): London till 11.0-Maurice Winnick and Orchestra.
11.0-11.45 (London)-Television.

REGIONAL

For Time Signals, see Monday 10.15-10.45 a.m. (except Midland)-Droitwich.
10.45-The Scottish Studio Orchestra.
11.45-Miscellaneous Records.
12.30 p.m.-Northern Orchestra.
1.30-Records.
2.15-Birmingham Hippodrome Orchestra.
3.15-Alfredo Campoli Trio. Gwentyth Misselbrooke (Pianoforte).
4.15-Jan Berenska and Orchestra.
5.15-The Children's Hour.
6.0-"The First News."
6.30 (Regional, Western)-Bernard Crook Quintet.
6.30 (Midland)-Records.
6.30 (Northern)-Cinema Organ.
6.30 (Scottish, N. Ireland)-Scottish Studio Orchestra.
6.55 (Northern)-"Out and About."
7.5 (Scottish)-Talk to Young Scots.
7.5 (N. Ireland)-Mary King (Pfte.).
7.15 (Regional, Midland, Northern)-Wingates Temperance Band.
7.15 (Scottish)-Motherwell and Wishaw Town Band. Horace Wilson (Tenor).
7.15 (Western)-Records.
7.15 (N. Ireland)-"April Showers"-a nonsense revue.
8.0 (Regional, Scottish, N. Ireland)-B.B.C. Orchestra (Section C), conducted by John Ansell. Derek Oldham (Tenor).
8.0 (Midland)-Radio Follies.
8.0 (Northern)-Variety (Blackpool).
8.0 (Western)-Studio Orchestra. Esther Coleman (Contralto); Hilary Evans (Flute).
8.45 (Midland)-Midland Orchestra. Dorothy Bennett (Soprano).
9.0 (Regional, Northern)-Organ Recital by G. D. Cunningham.
9.0 (Scottish)-Recital of early Scottish Music.
9.0 (N. Ireland)-Belfast Apprentice Boys' Flute Band. George Yardley (Trombone); Michael Magee (Pipes); Pat Molloy (Xylophone).
9.15 (Western)-Dowlat's Ladies' Choir. Hilda Wynn Lewis (Soprano).
9.45-"The Second News."
10.5-"Current Imperial Affairs." H. V. Hodson.
10.15 (ex. Scottish)-Dance Records.
10.15 (Scottish)-Scottish Music.
10.30-12.0 (Scottish from 10.45; Midland till 11.0)-Maurice Winnick and his Orchestra.
11.0-11.45 (Midland)-Television.

Hours of Transmission in British Summer Time

6 a.m. — 8 a.m.

BERLIN, 6.35—See Königsberg. 8.0—Gym. 8.35—Records; Announcements.
 BRESLAU, 6.35—Quintet. 8.40—Gym.
 COLOGNE, 6.0—Hymn; Records. 6.45—Gym. 7.0—Weather; Hymn. 7.15—See 6.35 Breslau. 8.30—Weather; Gym. 8.50—Talk.
 DEUTSCHLANDSENDER, 6.20—Records. 8.0—Orchestra.
 FRANKFURT, 6.55—Motto; Hymn. 7.0—Band. 8.15—Weather; Gym.
 HAMBURG, 6.35—See Königsberg. 8.0-8.45—Announcements; Records.
 HILVERSUM, 8.40—Orchestra.
 HUIZEN, 8.40—Bible Reading; Meditation; Records.
 KÖNIGSBERG, 6.35—Band. 8.0-8.10—Meditation. 8.30—Gym.
 LEIPZIG, 6.35—See Königsberg. 8.0—Gym. 8.20—Records.
 MUNICH, 6.55—Motto. 7.0—English. 7.20—See 7.0 Frankfurt. 8.15-8.35—Gym.
 PARIS (Poste Parisien), 7.10—Fanfare; Records; News.
 PARIS (Radio-Paris), 6.45—Gym. 7.0—Records. 7.15—News. 7.45—Gym. 8.0—Records.
 PRAGUE, 6.0-7.15—Chimes; Gym; Music; News.
 STUTTGART, 6.35—Gym. 7.0—See Frankfurt. 8.15—Gym. 8.35—Cookery Talk. 8.50—Announcements.

9 a.m.

BERLIN, 9.40—Gym.
 BRESLAU, 9.0—News. 9.5—Records.
 DEUTSCHLANDSENDER, 9.40—Gym.
 HILVERSUM, 9.0—Orchestra; Records.
 HUIZEN, 9.0—Records.
 MUNICH, 9.35—Announcements; Records.
 PRAGUE, 9.50—News.

10 a.m.

BERLIN, 10.0—News.
 BRESLAU, 10.15-10.45—Talks.
 BUDAPEST (No. 1), 10.20—Talks.
 COLOGNE, 10.0—News. 10.10—Talk. 10.40—Songs and Pianoforte Solos.
 DEUTSCHLANDSENDER, 10.0—News. 10.15-10.45—Choir.
 FRANKFURT, 10.0—News. 10.15—“Handel” — Musical Sequence. 10.45—Household Hints.
 HAMBURG, 10.50—News.
 HILVERSUM, 10.0—Records. 10.10—Dietetics. 10.40—Protestant Programme. 10.55—Variety.
 HUIZEN, 10.0—Records.
 KÖNIGSBERG, 10.40—News.
 LEIPZIG, 10.0-10.15—Exchange; Announcements.
 MUNICH, 10.0-10.15—Announcements; Records.
 PRAGUE, 10.0—News. 10.5—News (German). 10.10—Records. 10.15—Orchestra. 10.45—Reading.
 ROME, 10.30—For Schools.
 STUTTGART, 10.0—News. 10.15—Play. 10.45—Rococo Dances.
 TURIN, 10.30—For Schools.

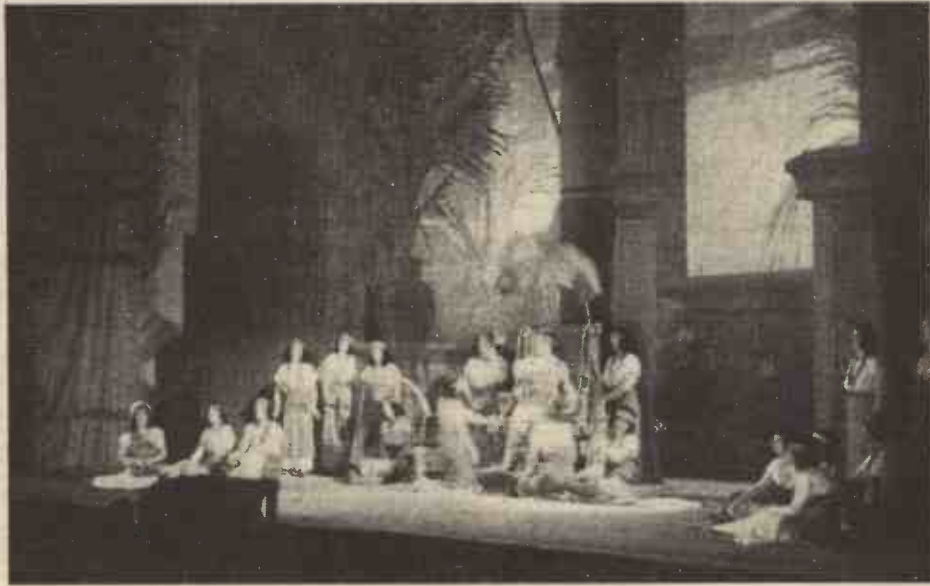
11 a.m.

BERLIN, 11.55—Weather.
 BRESLAU, 11.30—News.
 COLOGNE, 11.0—News.
 DEUTSCHLANDSENDER, 11.0—Choir. 11.15-11.30—Weather. 11.40—Talk.
 FRANKFURT, 11.0—Concert. 11.30—Announcements; Exchange; Weather.
 HAMBURG, 11.0—Opera Records. 11.30—Loewe Ballad Records.
 HILVERSUM, 11.0—Variety.
 HUIZEN, 11.0—Records. 11.10—Protestant Programme. 11.40—Parkes (Organ).
 KALUNDBORG, 11.0—Weather; Fish Prices. 11.15—Talk.
 KÖNIGSBERG, 11.5—Talk. 11.30—Records. 11.55—Weather.
 LEIPZIG, 11.0—Announcements; Records. 11.30—News.
 MUNICH, 11.0—Markets. 11.5—Schrammel Quartet.
 PRAGUE, 11.0—Record. 11.5—Orchestra. 11.55—For Farmers.
 STUTTGART, 11.0—Dutch Music by Riet Ipema (Soprano) and Eucken (Pianoforte). 11.15—Announcements; Records. 11.45—For Farmers.
 TURIN, 11.30—Trio.

12 noon

BERLIN, 12.0—Orchestra.
 BEROMÜNSTER, 12.0—Song Records of Rehkemper. 12.29—News. 12.40—Records.
 BRESLAU, 12.0—See Berlin.
 BRUSSELS (No. 1), 12.0—Constantin Orchestra.
 BRUSSELS (No. 2), 12.0—Records.
 BUDAPEST (No. 1), 12.5—Light Music: Lajos Racz Kovacs Cigany Band. 12.30—News.
 COLOGNE, 12.0—Records.
 DEUTSCHLANDSENDER, 12.0—See Munich.
 FRANKFURT, 12.0—See Stuttgart.
 HAMBURG, 12.0—Announcements. 12.10—See 12.0 Berlin.
 HILVERSUM, 12.0—Variety. 12.40—Records. 12.55—Orchestra. Conductor: Wins.
 HUIZEN, 12.0—Parkes (Organ). 12.40—Police Notes. 12.55—Quintet.

KALUNDBORG, 1.0—Nielsen String Ensemble.
 KÖNIGSBERG, 1.0—Announcements. 1.5—Records.
 LEIPZIG, 1.0—News. 1.10—Records: Scandinavian Music.
 MONTE CENERI, 1.5—Song Records. 1.15—Fashion Notes.
 MUNICH, 1.0—Orchestra (contd. from 12.0). 1.15—News. 1.25—Records.
 PARIS (Radio-Paris), 1.0—Symphony Orchestra. Conductor: Touche. In the Interval at 1.20: News.
 PRAGUE, 1.0—Band. 1.35—Labour Exchange. 1.45—Labour Exchange (German). 1.55—Exchange.
 ROME, 1.0—Announcements. 1.5—Dramatic Programme. 1.50—Popular Music.
 SOTTENS, 1.0—Records.
 STOCKHOLM, 1.0—Säfbom's Orchestra.
 STUTTGART, 1.0—News. 1.15—Orchestra. Conductor: Schröder.



A scene from the second act of "Aida," which many stations relay from La Scala, Milan, at 9.0 p.m.

KALUNDBORG, 12.0—Chimes. 12.2—Nielsen String Ensemble.
 KÖNIGSBERG, 12.0—See Berlin.
 LEIPZIG, 12.0—Military Band.
 MONTE CENERI, 12.0—Announcements. 12.5—Records. 12.29—Weather. 12.33—Radio Orchestra.
 MUNICH, 12.0—Station Orchestra. Conductor: Kloss.
 PARIS (Poste Parisien), 12.0—Exchange. 12.5—Records. 12.25—Interview. 12.35—Records. 12.45—Dance Music.
 PARIS (Radio-Paris), 12.0—Talk: Education. 12.15—Light Orchestra. Conductor: Touche.
 PRAGUE, 12.0—For Farmers. 12.10—Records. 12.25—News. 12.35—Band.
 SOTTENS, 12.30—News. 12.40—Records.
 ROME, 12.30—Records.
 STUTTGART, 12.0—Willi Wende's Orchestra.
 TURIN, 12.0—Trio. 12.45—News.
 VIENNA, 12.0—Vienna Symphony Orchestra. Conductor: Holzer.
 WARSAW, 12.5—Orchestra. 12.50—For Women. 12.55—News.

1 p.m.

ATHLONE, 1.30—Weather; Markets and Records.
 BERLIN, 1.0—Midday Echoes. 1.20—Orchestra.
 BEROMÜNSTER, 1.0—Records. 1.25—Exchange.
 BRESLAU, 1.0—See Berlin.
 BRUSSELS (No. 1), 1.0—News. 1.10—Records; Light Music.
 BRUSSELS (No. 2), 1.0—News. 1.10—Constantin Orchestra.
 BUDAPEST (No. 1), 1.20—Weather. 1.30—Lili Berg (Pianoforte).
 COLOGNE, 1.0—Announcements. 1.15—Station Schrammel Quartet.
 DEUTSCHLANDSENDER, 1.0—Greetings. 1.15—See Stuttgart. 1.45—News.
 FRANKFURT, 1.0—News. 1.15—See Stuttgart.
 HAMBURG, 1.0—Midday Echoes. 1.10—Popular Music.
 HILVERSUM, 1.0—Orchestra. Conductor: Wins. 1.25—Orchestra. Conductor: Walis. 1.55—Lento molto vivo (Bloch), by Smit (Viola).
 HUIZEN, 1.0—Quintet. 1.25—Children's Choir. Conductor: Annie Moulin-Rijk. 1.45—Quintet.

TURIN, 1.0—Announcements. 1.5—Ferruzzi Orchestra.
 VIENNA, 1.0—News. 1.10—Orchestra (contd. from 12.0).
 WARSAW, 1.0—“A Musical Zoo” — Records. 1.50—Announcements. 1.55—Exchange.

2 p.m.

ATHLONE, 2.0—Records.
 BERLIN, 2.0—News. 2.15—Records.
 BRESLAU, 2.5—Exchange. 2.10—Announcements; Records. 2.35—Greetings. 2.40—Markets.
 BUDAPEST (No. 1), 2.40—Cookery.
 COLOGNE, 2.0—Announcements. 2.15-2.30—Folk Songs by Karin Michels (Soprano). 2.45—Genealogy.
 DEUTSCHLANDSENDER, 2.0—Variety. 2.55—Announcements.
 FRANKFURT, 2.0—See 1.15 Stuttgart. 2.15—News. 2.30—Industrial Review. 2.55—Weather.
 HAMBURG, 2.0—Light Music. 2.15—News. 2.30—Records.
 HILVERSUM, 2.0—Viola (contd. from 1.55). 2.10—Orchestra. Conductor: v.d. Horst. 2.40—For Women. 2.55—Dressmaking.
 HUIZEN, 2.0—Quintet. In the Interval at 2.10: Children's Choir.
 KÖNIGSBERG, 2.0—News. 2.15—Records. 2.30—Announcements; Records.
 LEIPZIG, 2.0—News; Exchange. 2.10-2.40—Organ.
 MUNICH, 2.0-2.20—News; Exchange.
 PARIS (Poste Parisien), 2.0—Exchange.
 PRAGUE, 2.0-2.5—Exchange; Weather (German).
 ROME, 2.0—News; Exchange. 2.15-3.5 (approx.)—Programme for the Medierranean District. 2.15—Announcements; Giovinetta (Blanc). 2.20—Literary Talk: Pietro Bembo. 2.25—Talk: The Cathedral at Addis Abeba. 2.35—Chamber Music. 2.45—Topical News; Political, Economic and Sports Notes. 2.55—Programme Announcements.
 STOCKHOLM, 2.0—Monologue. 2.30—Records: Act III, “Tristan and Isolde” (Wagner).
 STUTTGART, 2.0-2.15—Orchestra (contd. from 1.15).

VIENNA, 2.0—Records; Announcements.
 TURIN, 2.0-2.15—Exchange; Records.

3 p.m.

BERLIN, 3.0-3.30—Exchange.
 BEROMÜNSTER, 3.30—Talk: Housewifery.
 BRESLAU, 3.10—Book Review. 3.30—For Children.
 COLOGNE, 3.0—Travel Games for Girls. 3.30—Exchange. 3.50—Topical Talk.
 DEUTSCHLANDSENDER, 3.0—Exchange. 3.15—“Three Sacks of Lies” — Play for Children. 3.40—Book Review for Young People.
 FRANKFURT, 3.15—Trio for Clarinet, Viola and Pianoforte (Mozart). 3.45—Talk.
 HAMBURG, 3.0—Exchange. 3.30—Exchange from Brazil (on Records). 3.40—Shipping.

WEDNESDAY April 24

4.30—Descriptive Report: (a) Rosen eck, (b) Eschwege.
 HAMBURG, 4.0—See Königsberg.
 HILVERSUM, 4.0—For Children.
 HUIZEN, 4.0-4.25—Mme. v. d. Staa-Beverluis (Songs). 4.40—The Hague Trio (Beethoven, Brahms).
 KÖNIGSBERG, 4.0—Station Orchestra. Conductor: Wilken. In the Interval: Talk (on Records): Radio Interference.
 LEIPZIG, 4.0—“The Amazons” — Sequence (Ahlemann). 4.30—Talk. 4.50—Exchange; Brazilian Exchange.
 MONTE CENERI, 4.0-5.0—See Beromünster.
 MOSCOW (No. 1), 4.30—Handel-Liszt-Weber. Symphony Concert. Conductor: Sebastian.
 MUNICH, 4.0—Announcements. 4.10—Pianoforte Lesson. 4.30—Puzzles for Children.
 PARIS (Poste Parisien), 4.50—Exchange.
 PRAGUE, 4.0—Orchestra. 4.45—For Children.
 ROME, 4.30—News; Exchange. 4.40—For Children.
 SOTTENS, 4.0-5.0—See Beromünster.
 STUTTGART, 4.0—See Königsberg.
 TURIN, 4.30—News. 4.40—For Children.
 VIENNA, 4.0—News; Exchange. 4.5—“Spring” (Records). 4.50—Talk.
 WARSAW, 4.0—Orchestra. 4.30—Fashions. 4.45—Records.

5 p.m.

BERLIN, 5.0—See Frankfurt.
 BEROMÜNSTER, 5.0—“Famous Composers” (contd. from 4.40). 5.10—Records. 5.25—Dialect Programme. 5.40—To be announced.
 BRATISLAVA, 5.5—Violin Sonatas. 5.45—Recitations. 5.55—Hungarian Transmission: Play. Sports.
 BRESLAU, 5.0—See 4.0 Königsberg. In the Interval: Weather; Markets.
 BRUSSELS (No. 1), 5.0—Mickey's Club Dance Band.
 BRUSSELS (No. 2), 5.0—Flor Peeters. Berthe Somers (Songs), and the Composer (Pianoforte). 5.45—Records.
 BUCHAREST, 5.0—Radio Orchestra.
 BUDAPEST (No. 1), 5.0—Russian Church Mixed Choir. 5.45—Talk.
 COLOGNE, 5.0—See Frankfurt.
 DEUTSCHLANDSENDER, 5.0—See 4.0 Königsberg. 5.35—Talk: Yorck von Wartenburg.
 FRANKFURT, 5.0—Concert. Dietrich Schrammel Quartet, Franz Hauck Dance Band, the Station Orchestra, Lotte Luckwald and Erwin Hartung. Conductor: Hess.
 HAMBURG, 5.0—See 4.0 Königsberg. 5.30—Sequence of Old Folk Songs in Dialect (Dieckelmann). A School Children's Choir, the Station Vocal Quartet and Soloists.
 HUIZEN, 5.0—The Hague Trio. 5.40—For Children.
 KALUNDBORG, 5.0—Talk: Courtships and Weddings. 5.30—Exchange. 5.45—Records.
 KÖNIGSBERG, 5.0—Talk. 5.10—Orchestra (contd. from 4.0).
 LEIPZIG, 5.0—Variety. A Schrammel Trio, the Emde Orchestra, Lotte Theile and Carl de Giorgi.
 MONTE CENERI, 5.0-6.0—See Beromünster.
 MOSCOW (No. 1), 5.0—Handel-Liszt-Weber (contd. from 4.30). 5.30—“Light Opera and Classic Play.”
 MUNICH, 5.0—See Frankfurt.
 OSLO, 5.15—Concert.
 PARIS (Radio-Paris), 5.45—Variety.
 PRAGUE, 5.0—For Children. 5.30—Records. 5.40—Industrial Review. 5.50—Record. 5.55—Book Review.
 ROME, 5.5-5.55—See Turin. 5.55—Weather.
 SOTTENS, 5.0-6.0—See Beromünster.
 STOCKHOLM, 5.0—Weather. 5.5—Folk Music. 5.25—Talk: Swedes abroad. 5.55—Records.
 STRASBOURG, 5.0—Station Orchestra.
 STUTTGART, 5.0—See 4.0 Königsberg.
 TURIN, 5.5—Bellini Programme. Overture, “Norma”; Talk. 5.20—Quintet. 5.55—Weather.
 VIENNA, 5.0—Talk. 5.10—Music Talk. 5.20—Victor Junk. The Composer (Pianoforte), Louise Brabée (Soprano), Walter-Alberdingk (Violin) and Maikl (Tenor).
 WARSAW, 5.0—Talk: European Politics. 5.15—Irene Gadejska (Soprano) and Szaleski (Viola). 5.50—Talk.

6 p.m.

ATHLONE, 6.0—For Children. 6.45—News.
 BERLIN, 6.0—Community Singing (on Records).

HILVERSUM, 3.0—Dressmaking. 3.40—For Children.
 HUIZEN, 3.0—Quintet. 3.10—Talk for Stamp Collectors. 3.40—Mme. v. d. Staa-Beverluis (Songs).
 KALUNDBORG, 3.10—Nordic Songs by Grethe Jul-Rasmussen. 3.30—Orchestra. Conductor: Magnussen.
 KÖNIGSBERG, 3.0—Exchange. 3.10—Household Hints. 3.20—Book Review for Girls. 3.45—Review of “Der Mensch am Berg” (Maix).
 LEIPZIG, 3.0—For Young People: (a) Songs, (b) Discussion. 3.40—Exchange.
 MUNICH, 3.0—Talk: The Battle of Gallipoli. 3.20—Songs (Karl Tutein) by Clotilde Schmid (Soprano), the Composer at the Pianoforte. 3.40—Sports.
 PARIS (Poste Parisien), 3.15—Exchange. 3.45—Exchange.
 PARIS (Radio-Paris), 3.45—Exchange.
 PRAGUE, 3.45—Exchange; Weather. 3.55—Orchestra.
 ROME, 3.0—Marcia Reale (Gabbetti); Giovinetta (Blanc).
 STUTTGART, 3.0—Shorthand. 3.15—“Fritz and Hans fly to Mars” — Fairy Play (Petra Carla).
 VIENNA, 3.0—Weather; Exchange. 3.20—Gym. 3.40—Talk: Rare Flowers.
 WARSAW, 3.45—Orchestral Music.

4 p.m.

BERLIN, 4.0—“Memories of the Old Wallner Theatre” — Scenes with Music. 4.30—Glove-making.
 BEROMÜNSTER, 4.0—Old Viennese Waltzes and Operetta Music. Radio Orchestra. Conductor: Neppach. 4.40—“Youthful Works of Famous Composers” — Vocal and Instrumental.
 BRESLAU, 4.0—Talk; National Recovery. 4.5—Reading (Salzburg). 4.30—See 4.0 Königsberg.
 BUDAPEST (No. 1), 4.10—For Women.
 COLOGNE, 4.0—Chamber Music by Children. 4.30—Book Review.
 DEUTSCHLANDSENDER, 4.0—See Königsberg. In the Interval: Report. The International Film Congress at Berlin.
 FRANKFURT, 4.0—Handel and Bach Recital by Mia Rühl (Pianoforte).

WEDNESDAY April 24

6 p.m. (contd.)

BEROMÜNSTER, 6.0—Games for Children. 6.30—Talk: Eyesight and Spectacles.

BRATISLAVA, 6.0—Hungarian Transmission (contd. from 5.55). 6.40—For Workers.

BRESLAU, 6.0—Report: Students on the Land. 6.20—Suite No. 5 in C minor (Bach) by Binnowsky (Cello). 6.40—Talk. 6.50—Weather; Markets.

BRNO, 6.0—German Programme. 6.25—For Workers.

BRUSSELS (No. 1), 6.0—Classical Records. 6.15—Talk: Clemenceau the Anti-Clerical. 6.30—Mlle. Henrard (Songs). 6.45—Talk with Readings: Walloon Literature.

BRUSSELS (No. 2), 6.0—Talk: The History of Religions. 6.15—Mme. Coryn-Caneau (Violin). 6.30—Records: "Maritana" — Opera (Wallace).

BUCHAREST, 6.0—News.

BUDAPEST (No. 1), 6.5—Losenzei-Schweitzer Chamber Orchestra. 6.55—Talk.

BUDAPEST (No. 2) 6.10—Talk. 6.50 Hungarian Pianoforte Music.

COLOGNE, 6.0—See 5.0 Frankfurt. 6.30—Talk: Norway. 6.45—Weather; Exchange; Sports.

DEUTSCHLANDSENDER, 6.0—Gesangszene (Spohr) by Georg Kriestadt (Violin). 6.30—Sports. 6.45—Topical Talk. 6.55—Poem.

FRANKFURT, 6.0—Concert (contd. from 5.0). 6.30—Talk: Taxation. 6.45—Topical Talk. 6.55—Weather; Exchange; Announcements.

HAMBURG, 6.5—Talk: The "Eda". 6.25—Sonata in C (Bach) by Micksche and Schulte (Violins), Kupfer (Cello) and Krutge (Harpisichord). 6.40—Talk: The Fruit Industry. 6.50—Weather; Shipping.

HILVERSUM, 6.10—Records.

HUIZEN, 6.0—For Children. 6.40—For Farmers.

KALUNDBORG, 6.0—Records. 6.15—French. 6.45—Weather; Announcements.

KÖNIGSBERG, 6.0—For Parents. 6.15—Markets. 6.25—Talk: East Prussian Towns. 6.50—News.

LAHTI, 6.15—Folk Music (arr. Väisänen). 6.45—Talk.

LEIPZIG, 6.0—Variety (contd. from 5.0). 6.20—Report from a Miners' Hostel in Hartenstein. 6.40—Talk.

LYONS (La Doua), 6.0—See Paris (Radio-Paris).

MORAVSKÁ-OSTRAVA, 6.0—Talk. 6.10—Records. 6.25—For Workers. 6.35—Elocution.

MOSCOW (No. 1), 6.0—"Light Opera and Classic Play" (contd. from 5.30). 6.30—Poetry Reading (Pushkin).

MÜNCH, 6.0—See 5.0 Frankfurt. 6.30—Talk: Labour Service. 6.50—Announcements.

OSLO, 6.0—Concert. 6.15—For Children.

PARIS (Poste Parisien), 6.25—Exchange. 6.30—Records: Brandenburg Concerto in F (Bach). 6.50—Economic Review. 6.57—Poetry Review.

PARIS (PTT), 6.0—Education Talk. 6.10—Talk. 6.20—Music Notes. 6.30—News; Topical Talks.

PARIS (Radio-Paris), 6.0—For Young People. 6.30—Weather; For Farmers; Exchange; Racing. 6.45—Medical Talk.

PRAGUE, 6.0—Book Review. 6.5—For Workers. 6.15—German Transmission: Book Review; For Workers; Social Report. 6.50—News (German). 6.55—Record.

RADIO-NORMANDIE, 6.0—For Children. 6.45—For Ex-Servicemen.

ROME, 6.0—Corn Prices. 6.45—Tourist Report; Dopolavoro Notes; Report of the Royal Geographical Society.

SOTTENS, 6.0—

Guitry, Printemps

(Records). 6.30—Literary Review. 6.50—Dance and Song Records.

STOCKHOLM, 6.0—Records. 6.45—German.

STRASBOURG, 6.0—Medical Talk. 6.15—Talk in German. 6.30—Elocution. 6.45—Records.

STUTTGART, 6.0—Morse. 6.15—A Discussion. 6.30—Dances of the Nations (Records).

TOULOUSE (Radio-Toulouse), 6.0—News. 6.15—Hawaiian Guitars. 6.30—Operetta Music. 6.45—Film Music.

TURIN, 6.0-6.10—Corn Prices. 6.45—Tourist Report; Dopolavoro Notes.

VIENNA, 6.0—Talk by the Ex-Federal Chancellor, Ernst Streuerwitz: Economics. 6.25—Legal Talk. 6.50—Science Review.

WARSAW, 6.0—Records. 6.15—Sketch. 6.30—Letter-Box. 6.40—Literary and Art Notes. 6.45—Announcements.

7 p.m.

ATHLONE, 7.0—Intermediate Irish Lesson. 7.15—Talk by the Rev. Fr. Canice. Personality and Character. 7.30—Time. 7.31—No. 1 Army Band with Songs.

BERLIN, 7.0—Sports Report: Rowing, Training. 7.20—Songs (Voikowsky-Biedau). Cornelis Bronsgeest (Baritone). Stille Stunden. Am Ufer. Träume. Bewacht. Der Weggenossin. Die Nacht der Myrten und Rosen. Gib mir Deine wilde Seele. 7.40—Evening Echoes.

BEROMÜNSTER, 7.0—Markets. 7.15—Popular Old Songs by Werner Huber. 7.25—Talk: Andersen's Fairy Tales and the Scandinavian Romantics. 7.50—Radio Orchestra. Conductor: Hofmann. Steingrube (Organ).

BRATISLAVA, 7.25—Talk on the following Transmission. 7.30—Opera from the Slovak National Theatre.

BRESLAU, 7.0—The Röhricht Fidelio Quartet; Station Dance Band.

BRUSSELS (No. 1), 7.0—Records. Overture, "Alfonso and Estrella" (Schubert). Saint François de Paule marchand sur les flots (Liszt). Concerto No. 1 (Paganini). 7.30—Medical and Civil Service Notes.

BRUSSELS (No. 2), 7.0—Book Review. 7.15—Records. 7.30—Talk for Ex-Servicemen.

BUCHAREST, 7.0—Educational Talk. 7.20—Records. 7.45—Talk.

BUDAPEST (No. 1), 7.0—Talk. 7.30—

"Faust" (Gounod) from the Royal Opera. In the Intervals: News.

BUDAPEST (No. 2), 7.0—Hungarian Pianoforte Music. 7.40—Talk.

COLOGNE, 7.0—"The Soft Needle"—Cabaret Records. 7.50—Snapshots.

DEUTSCHLANDSENDER, 7.0—Talk with Records: Otto Reutter, the Humorist.

FRANKFURT, 7.0—See Stuttgart.

HAMBURG, 7.0—Talk by Hermine Körner: Behind the Footlights. 7.20—Military Band and Male Voice Choir.

HILVERSUM, 7.0—Records. 7.40—Sports.

HUIZEN, 7.0—For Farmers. 7.10—To be announced. 7.40—Police Messages. 7.55—A Report.

JUAN-LES-PINS (Radio Côte d'Azur), 7.15—Station Orchestra. 7.30—Press Review. 7.40—For Cyclists.

KALUNDBORG, 7.0—News. 7.30—For Farmers.

KÖNIGSBERG, 7.0—Topical Report. 7.15—Handel. Eleonore Gädeler-Gleim (Contralto), Schultz (Flute), Schutz (Harpisichord) and Ehrlich (Cello). Flute and Harpischord: Sonata in E minor. Contralto, "Cello and Harpischord: Cantata. Flute and Harpischord: Sonata in G minor.

LAHTI, 7.5—Station Vocal Quartet. 7.25—Talk. 7.45—Revue (arr. Jura).

LEIPZIG, 7.0—Station Orchestra. Conductor: Blumer (Pianoforte). Frühlingsstimmen (Strauss). German Peasant Dances (Udall). Liebestied (Kaun). Humoresque (Gade). Pianoforte Solo (Tchaikovsky). Singen, Lachen, Tanzen (Zieler). Gallop (Bizet). Overture, "The Merry Wives of Windsor" (Nicolai). Polish National Dance (Scharwenka). In der Taberna (Nicodé).

LYONS (La Doua), 7.0—News. 7.30—Local News. 7.40—Dramatic Talk. 7.50—Talk for Gardeners.

MONTE CENERI, 7.15—For Farmers. 7.30—Herschel (Harpisichord). Sonata (Galuppi). Air tendre (Lully). Courante (Lully). Minuet (Muffet). 7.45—News.

MORAVSKÁ-OSTRAVA, 7.25—Station Orchestra. Conductor: Musil. Overture, "Tulipatan" (Offenbach). Waltz (Leopold). Country Suite (Gyldmark). Polka (Stepanek-Plichta). Two Russian Dances (Kubin).

MOSCOW (No. 1), 7.0—Poetry Reading (Pushkin).

MÜNCH, 7.0—Light Music. Bernhard Etté's Orchestra.

OSLO, 7.0—Announcements. 7.15—Weather; News. 7.30—For Farmers. 7.40—Talk.

PARIS (Eiffel Tower), 7.0—News. 7.25—Racing. 7.30—Topical Talk. 7.45—For Young People.

PARIS (Poste Parisien), 7.4—Record; Sports. 7.10—News; Announcements. 7.28—Records: Spanish Music. 7.43—Aviation Report. 7.50—Records.

PARIS (PTT), 7.30—Talk. 7.45—Tourist Notes.

PARIS (Radio-Paris), 7.0—Medical Talk. 7.5—Book Review. 7.20—Anglo-Saxon Press Review. 7.30—Talk: Nineteenth Century French Poetry.

PRAGUE, 7.0—News. 7.10—Record. 7.15—Topical Programme. 7.25—See Moravská-Ostrava.

RADIO-NORMANDIE, 7.0—Request Music.

ROME, 7.0—News in Foreign Languages. 7.40—Italian Lesson for English Beginners.

SOTTENS, 7.0—Dance and Song Records. 7.20—The Frontier at St. Bernard—Report.

STOCKHOLM, 7.0—German (contd. from 6.45). 7.15—News. 7.30—Talk: How to read well.

STRASBOURG, 7.0—Request Records. 7.30—News. 7.45—For Young People.

STUTTGART, 7.0—"Dauerwelle Rokoko"—Musical Play (Hartung-Eichhorn). The Station Orchestra. Conductor: Görlich.

TOULOUSE (Radio-Toulouse), 7.0—Film Music. 7.15—Concert. 7.30—News. 7.45—Band. 7.50—Talk.

TURIN, 7.0—News in Foreign Languages. 7.40—Italian Lesson for English Beginners.

VIENNA, 7.0—News. 7.20—Gaudriot Jazz Band. Mellinger and Feller (Song Refrains).

WARSAW, 7.0—Records. 7.7—Announcements. 7.15—Talk. 7.25—Sports. 7.35—Saxophone Duets. 7.50—Reading.

8 p.m.

ATHLONE, 8.0—No. 1 Army Band with Songs. 8.30—Instrumental Society Concert from Waterford.

BERLIN, 8.0—News. 8.15—See Cologne. 8.45—Station Orchestra. Conductor: Steiner. Walter Reberg (Pianoforte). Spring Overture (Goetz). Pianoforte Concerto in F minor (Henselt). Scherzo (Draeske). Pianoforte and Orchestra: Fantasia on Themes from Beethoven's "Ruins of Athens" (Liszt). Swedish Rhapsody, Midsommarvaka (Alfvén).

BEROMÜNSTER, 8.0—Orchestra (contd. from 7.50).

BORDEAUX-LAFAYETTE, 8.0—For Farmers. 8.15—News; Exchange; Weather; Request Records. 8.30—Symphony Orchestra. Conductor: Guitraud. Mme. Andrée Chabry (Songs), André Seguy (Tenor).

BRATISLAVA, 8.0—Opera (contd. from 7.30).

BRESLAU, 8.0—News. 8.15—See Cologne.

BRUSSELS (No. 1), 8.0—Operetta Music. Radio Orchestra. Conductor: Gason. Overture, "Les saltimbanques" (Ganne). Selection, "Giroflé-Girofla" (Lecocq). "Rip van Winkle" (Planquette). "Le grand Mogol" (Audran). "Les petites Michu" (Messager). 8.30—"Le revue des expositions"—Revue (Guéry), with Leemans Music. Radio Orchestra. Conductor: Gason.

BRUSSELS (No. 2), 8.0—Ein Heldenleben (Strauss) on Records. 8.45—Recitations.

BUCHAREST, 8.0—Requiem (Berlioz), from St. Joseph's Church. Conductor: Massini.

BUDAPEST (No. 1), 8.0—"Faust"—Opera (contd. from 7.30).

BUDAPEST (No. 2), 8.15—Records.

COLOGNE, 8.0—Announcements. 8.15—Anecdotes about Frederick the Great. 8.45—Poems (Oberkoller).

DEUTSCHLANDSENDER, 8.0—Motto; News. 8.15—See Cologne. 8.45—See Munich.

FRANKFURT, 8.0—News; Topical Talk. 8.15—See Cologne. 8.45—Talk on the 9.0 Transmission.

HAMBURG, 8.0—Announcements. 8.15—See Cologne. 8.45—The Fourth Symphony (Brahms). Station Symphony Orchestra. Conductor: Fiedler.

HILVERSUM, 8.0—Jong (Organ). Overture, "Masaniello" (Auber). Selection, "The Dollar Princess" (Fall). 8.20—Rural Programme. 8.40—S O S Announcements. 8.43—News; Announcements. 8.50—Johan Kaart Programme.

HUIZEN, 8.0—A Report. 8.10—Technical Talk. 8.40—News. 8.45

—Rotterdam "Concordia" Male Voice Choir. Conductor: Tobé. Mme. Flipse-Snel (Soprano). Flipse (Pianoforte). Choral. Hymn. Lux. Het klokkebed (Zagwijn). Flowers (Appeldoorn). Pieces (Flipse): (a) The Mother, (b) Angelus, (c) Summer. Uchtendhymne (Wamel). Wie ist doch die Erde so schön (Dregert). Pictures of Fujiyama (Meyer). Morning (Flipse). Choruses, "Tannhäuser" (Wagner). Pieces (Chopin): (a) Etude in E, (b) Waltz in C sharp minor, (c) Polonaise in A flat. Evensong (Mussorgsky). Lullaby (Cairati). I temp; assai lontani (Respighi). April (Jacques-Dalcroze). Deus nostra Spes (Brandt-Buys).

JUAN-LES-PINS (Radio Côte d'Azur), 8.0—News; Exchange. 8.10—Station Orchestra.

KALUNDBORG, 8.0—

Lehár, Kálmán

Radio Orchestra. Conductor: Reescn. Selection, "Eva" (Lehár). Waltz, "The Merry Widow" (Lehár). Selection, "The Duchess of Chicago" (Kálmán). Slow Waltz and Foxtrot, "The Circus Princess" (Kálmán). Russian Dance "Tatjana" (Lehár). 8.45—Talk: Poison Gas.

KÖNIGSBERG, 8.0—News. 8.15—See Cologne. 8.45—Talk on the 9.0 Transmission.

LAHTI, 8.0—Revue (contd. from 7.45). 8.45—News.

LEIPZIG, 8.0—News. 8.15—See Cologne. 8.45—Talk on the 9.0 Transmission.

LYONS (La Doua), 8.0—Educational Talk. 8.20—Book Review. 8.30—Concert. Conductor: Marcelle Ribeyre. Soloists: Mlle. Eliane Carrier, and MM. Aupetit and Jollier.

MONTE CENERI, 8.0—"L'ora dei sogni"—One-Act Play (Fanfara). 8.35—New Records.

MÜNCH, 8.0—News. 8.15—See Cologne. 8.45—Station Orchestra. Conductor: List. Emmyluise Lemberty (Soprano). Overture, "Oberon" (Weber). Selection, "Hans Heiling" (Marschner). Ballet, "Le Cid" (Massenet). Recitative and Aria, "Undine" (Lortzing). Italian Caprice (Tchaikovsky).

OSLO, 8.0—Mme. Ringdal (Pianoforte). Kinderszenen (Schumann). Barcarolle (Faure). Minuet et Rigaudon (Ravel). 8.30—Talk from the University.

PARIS (Eiffel Tower), 8.0—For Young People. 8.15—Topical Talks. 8.35—Talk: Paris. 8.45—"La mort de Molière"—Play (Maurice Rostand).

PARIS (Poste Parisien), 8.0—Interlude. 8.10—Exchange. 8.15—Concert. 8.40—Interlude; Talk by Candide. 8.55—Exchange.

PARIS (PTT), 8.0—Variety. 8.10—Italian Opera Records. Arias, "La Traviata" (Verdi), "The Barber of Seville" (Rossini), "La Sonnambula" (Bellini), "André Chénier" (Giordano). 8.30—Introductory Talk to the 9.0 Relay.

PARIS (Radio-Paris), 8.0—Concert-Orchestral Suite in Old Style (Magnard). Operetta Songs (Melrack): (a) "Jalousies" (b) "La rosière de Saint-Flour," (c) "Le mariage de Phyrné." Poems (Despax and Peguy). Two Poems (Richepin). Excerpt La forêt (Chantier). Recitations: (a) Poème héroïque (Rostand), (b) Poem (de Musset). Airs: (a) "Au temps des merveilles" (Richepin-Christine), (b) "Beau soir de Venise" (Richepin). Songs: (a) Quand je danse avec lui (Ebling), (b) Pedro (Gey), (c) Le vieux phonographe (Richepin). Selection, "La-haut" (Yvain). Items by Paul Colline. In the Interval at 8.30: News.

PRAGUE, 8.0—"The Makropulos Affair"—Play (Capek).

RADIO-NORMANDIE, 8.0—Robert Burnier and Claude Pingault (Duets). 8.30—Records.

ROME, 8.0—Records. 8.5—News; Sports Notes; Records. 8.30—Time; Announcements; Talk by Senator Danzati. 8.45—Band. Conductor: Marchesini. Caffarelli (Trumpet). Toccata and Fugue in D minor (Bach). Symphonic Poem, Macbeth (Strauss). Torre di caccia (Respighi). Prelude and Finale, Part II, "La resurrezione di Cristo" (Perosi). Pastoral Legend (Somma). Trumpet Solo: Caprice (Pinna). Symphonic March (Marchesini).

SOTTENS, 8.0—Symphony Concert. Radio Suisse Romande Orchestra. Conductor: Hans Haug. Symphony in G (Haydn). Concerto for Flute and Harp (Mozart). Pianoforte Concerto No. 2 (Beethoven). Overture, Rosamunde (Schubert).

STOCKHOLM, 8.0—Community Singing. 8.30—Reading (Hallström).

STRASBOURG, 8.0—For Young People. 8.15—News in German. 8.30—Report on the Strasbourg Hygiene Exhibition, from the Hospital.

STUTTGART, 8.0—News. 8.15—See Cologne. 8.45—Talk on the 9.0 Transmission.

TOULOUSE (Radio-Toulouse), 8.0—Talk. 8.15—Opera Music. Excerpts, "William Tell" (Rossini), "I Pagliacci" (Leoncavallo), "Mefistofele" (Boito), "Le roi d'Ys" (Lalo). 8.30—"Faust"—Opera in Five Acts (Gounod).

TURIN, 8.0—Records. 8.5—News; Records. 8.30—Announcements; Talk.

VIENNA, 8.5—Vienna Symphony Orchestra. Conductor: Kabasta, Busch

(Violin). Variations on a Theme of Haydn (Brahms). Violin Concerto in D (Beethoven). Symphony No. 5 in E minor (Tchaikovsky).

WARSAW, 8.0—Records: Viennese Waltzes. 8.45—Talk on the 9.0 Transmission.

9 p.m.

ATHLONE 9.0—Vocal Duets by Mr. and Mrs. P. J. Duffy. 9.30—Variety.

BERLIN, 9.0—Orchestra (contd. from 8.45).

BEROMÜNSTER, 9.0—News. 9.20—Literary Talk. 9.40—Swiss Composers. Radio Orchestra. Conductor: Hofmann. Suite (Geiser). Four Humoresques (Lauer).

BORDEAUX-LAFAYETTE, 9.0—Orchestra and Songs (contd. from 8.30).

BRATISLAVA, 9.0—Opera (contd. from 7.30).

BRESLAU, 9.0—See Turin.

BRUSSELS (No. 1), 9.0—Sketch with Music (contd. from 8.30). 9.30—Records: Light Music.

BRUSSELS (No. 2), 9.0—Beethoven. Jean du Chastain (Pianoforte). Sonata in C. Sonata in F minor—the "Appassionata." Sonata in A flat.

BUCHAREST, 9.0—Requiem (Berlioz) (contd. from 8.0); News.

BUDAPEST (No. 1), 9.0—"Faust"—Opera (contd. from 7.30).

BUDAPEST (No. 2), 9.5—News. 9.25—Bachmann Quintet.

COLOGNE, 9.0—Schubert Concert from the Town Hall, Münster. The Augmented Municipal Orchestra and a Male Voice Choir. Conductor: Pabst. Hymn. The Unfinished Symphony.

DEUTSCHLANDSENDER, 9.0—See 8.45—Munich.

FRANKFURT, 9.0—See Turin.

HAMBURG, 9.0—The Fourth Symphony (Brahms) (contd. from 8.45). 9.35—German Authors describe their Native Districts.

HILVERSUM, 9.0—Johan Kaart Programme. 9.10—Orchestra. Conductor: Walis. Schmidt (Tenor); Huy (Saxophone).

HUIZEN, 9.0—Choir (contd. from 8.45). 9.55—Talk.

JUAN-LES-PINS (Radio Côte d'Azur), 9.0—News. 9.15—Act I "Carmen"—Opera (Bizet).

KALUNDBORG, 9.0—Talk (contd. from 8.45). 9.15—Dance Music. Radio Orchestra. Conductor: Reesen. Overture, "Little Christie" (J. P. E. Hartmann). En Sagadröm (Nielsen). Overture, "Aladdin" (Horneman). 9.45—Danish Songs. Lilly Ericson Quartet. Agnete og Havmanden (arr. Laub). Herr Peder kasted Runer (Rung). Sus, du Birk (Hellmuth). Mor's Rok (Aagaard). Tovejr (Larsen). Sig nærmere Tiden (Schiebeck). Go Jawten.

KÖNIGSBERG, 9.0—See Turin.

LAHTI, 9.0—News (Swedish).

LEIPZIG, 9.0—See Turin.

LYONS (La Doua), 9.0—Concert (contd. from 8.30).

MONTE CENERI, 9.0—See Turin.

MOSCOW (No. 1), 9.0—Czech Talk: The Bolsheviks in Tsarist Russia.

MÜNCH, 9.0—Orchestra (contd. from 8.45).

OSLO, 9.0—Songs (Mme. Eeg). 9.20—Talk. 9.40—Weather. 9.45—News.

PARIS (Eiffel Tower), 9.0—"La mort de Molière"—Play (Maurice Rostand) (contd. from 8.45). 9.20—News. 9.25—Pasquier Trio. Prelude (Mozart). Trio (Bonnal).

PARIS (Poste Parisien), 9.0—"The Revival of the Café Concert"—Programme with Records of Maurice

9 p.m. (contd.)

Chevalier, Yvette Guilbert, Mistinguett, etc. 9.45—Interlude; Anno nements.
PARIS (PTT), 9.0—"Henri III"—Play (Dumas, Pèrè), from the Odéon.
PARIS (Radio-Paris), 9.0—Concert (contd. from 8.0). In the Interval at 9.15: News; Review by Paul Reboux.
RADIO-NORMANDIE, 9.0—Sound Film Version of
 "Mirella"
 (Gounod) from Le Havre.
REYKJAVIK, 9.0—Light Music. 9.50—Announcements.
ROME, 9.0—Band (contd. from 8.45). In the Intervals: Talk; Announcements.
SOTTENS, 9.0—Symphony Concert (contd. from 8.0). 9.15—News. 9.25—Programme by the Luca Neapolitan Troupe. Song Potpourris; Tarantellas; Neapolitan Folk Music.
STOCKHOLM, 9.0—Cabaret. 9.45—News.
STRASBOURG, 9.0—"Les saltimbanques"—Operetta in Three Acts (Ganne).
STUTTGART, 9.0—See Turin.
TOULOUSE (Radio-Toulouse), 9.0—"Faust"—Opera (Gounod) (contd. from 8.30).
TURIN, 9.0

"Aida"

—Opera in Four Acts (Verdi), from La Scala, Milan. Aida—Gina Cigna. Amneris—Gianna Pedersini. Rhadames—Lauri Volpi. Amonaso—Ettore Nava. Conductor: Marinuzzi.
VIENNA, 9.0—Orchestra (contd. from 8.5).
WARSAW, 9.0—See Turin.

10 p.m.

ATHLONE, 10.0—Variety. 10.30—Time; News. 10.40—Harry Lee and his Band in Cellidhe Music.
BARCELONA, 10.0—Chimes; Weather. 10.5—Vendrell (Tenor). 10.30—Talk. 10.40—Station Orchestra.
NATIONAL
 For Time Signals, see Monday. 10.15 a.m. (Droitwich)—Service. 10.30 (Droitwich)—Weather forecast. 10.45—"At Home To-day." 11.5—Cinema Organ. 11.30—Records. 11.50—Rutland Square and New Victoria Orchestra. Overture and Waltz from Grieg (Lincke). A Grieg Fantasia (arr. Urbach). It was good while it lasted (arr. Moy). Two Humorous Sketches (Werner-Kerston). Selection, Oh! Daddy (Wood). Spanish Scene, Sevillana (Elgar). Selection, Hits of the Day (Connelly). Fantasia, From the Highlands (Langey). 1.0 p.m.—New Records. 2.0—Pavilion Theatre Orchestra. 3.0—Evensong relayed from Westminster Abbey. 3.50—Records. 4.45—Organ (Philip Taylor). March (Second Suite) (Boellmann). Cantilene (Salomé). Sortie (Vierne). Meditation (Guilmant). Second Choral (Franck). Fiat Lux (Dubois). 5.15—Medvedeff's Balalaika Orchestra. Olga Alexeeva (Soprano). 6.0—"The First News." 6.25—Interlude. 6.30—"The Foundations of Music." Bach Church Cantatas. 6.50—German: Max Kroemer. 7.20—Records. 7.30—Danubian Clues to European Peace—1. "Historical Setting." Arnold Toynbee. 8.0—"Gallipoli." Programme compiled from the works of Winston S. Churchill, Sir Ian Hamilton, John Masfield, Henry Nevinson, Compton Mackenzie and the Official War History. Produced by Val Gielgud. 9.30—"The Second News." 10.0—A Short Mid-week Service, conducted by the Rev. W. H. Elliott, relayed from St. Michael's, Chester Square. 10.15—B.B.C. Orchestra (Section B), conducted by Anton Webern. Symphony No. 8, in B minor (Unfinished) (Schubert). Ricercare a 6 voci (The Musical Offering) (Bach-Webern). Five Orchestral Pieces, Op. 10, Passacaglia, Op. 1 (Webern). 11.15-12.0 (Droitwich)—Dance Music: Lou Praeger and his Band.

BERLIN, 10.0—News. 10.30—See Munich.
BEROMÜNSTER, 10.0—Swiss Composers (contd. from 9.40). 10.15—Tourist Announcements.
BORDEAUX-LAFAYETTE, 10.0—Orchestra and Songs (contd. from 8.30); Amusement Guide.
BRATISLAVA, 10.15—News in Hungarian. 10.30—Records. 10.35—Talk in English: Astronomers at the Court of Rudolph II. 10.50—Records.
BRESLAU, 10.0—See 9.0 Turin. In the Interval: Talk and News.
BRUSSELS (No. 1), 10.0—News. 10.10—Dance Music by Paul Lambert and his little Lambs.
BRUSSELS (No. 2), 10.0—News. 10.10—Records.
BUDAPEST (No. 1), 10.0—"Faust"—Opera (contd. from 7.30).
COLOGNE, 10.0—News. 10.20—"Aida"—Opera (Verdi) (on Records), with Introductory Talk.
DEUTSCHLANDSENDER, 10.0—News. 10.45—Weather.
FRANKFURT, 10.0—See 9.0 Turin.
HAMBURG, 10.0—News. 10.25—Music.
HILVERSUM, 10.0—Orchestra (contd. from 9.10). 10.10—

Residentie Orchestra

Conductor: de Groot. Tine de Lorme (Contralto). Overture, "The Flying Dutchman" (Wagner). Songs (Wagner): (a) Im Treibhaus, (b) Träume. Ballet Suite (Reger). Songs: (a) Wer hat dies Liedlein erdacht (Mahler), (b) Wo die schönen Trompeten blasen (Mahler). Concert Waltz (Glazunov).
HUIZEN, 10.0—Talk (contd. from 9.55). 10.25—Choir (contd. from 8.45).
KALUNDBORG, 10.5—News. 10.20 French Music. Radio Orchestra. Conductor: Reesen. Overture, "Le corsaire" (Berlioz). Excerpts, "La mer" (Debussy). Ballet Music from "Le festin de l'araignée" (Roussel).
KÖNIGSBERG, 10.0—See 9.0 Turin. In the Interval at 10.45: News; Talk: La Scala, Milan; Announcements.

LEIPZIG, 10.0—See 9.0 Turin.
LYONS (La Doua), 10.0—Concert (contd. from 8.30). 10.30 (approx.)—News.
MONTE CENERI, 10.0—See 9.0 Turin. In the Intervals: Film and Theatre Notes; Talk; Book Review.
MOSCOW (No. 1), 10.5—English Programme: (a) Talk: In a Former Tsarist Colony, (b) "The Caucasus"—Sequence with Music.
MUNICH, 10.0—News; Exchange; Sports. 10.20—To be announced. 10.30—Dance Music.
OSLO, 10.0—Topical Talk. 10.15—Bridge. 10.35—Dance Records.
PARIS (Poste Parisien), 10.0—Dance Music. 10.30—Tunes from the Talks and Shows. 10.45—Records.
PARIS (PTT), 10.0—"Henri III"—Play (Dumas, Pèrè) (contd. from 9.0). In the Interval: News.
PARIS (Radio-Paris), 10.0—Concert (contd. from 8.0). 10.30—Dance Music.
PRAGUE, 10.0—News. 10.15—Records. 10.30—News in French.
RADIO-NORMANDIE, 10.0—"Mirella"—(Gounod) (contd. from 9.0).
REYKJAVIK, 10.0—News. 10.30—Reading.
ROME, 10.0—To be announced.
SOTTENS, 10.0—Luca Neapolitan Troupe (contd. from 9.25).
STOCKHOLM, 10.0—See 9.0 Turin.
STRASBOURG, 10.0—"Les saltimbanques"—Operetta (Ganne) (contd. from 9.0). News in the interval.
STUTTGART, 10.0—See 9.0 Turin.
TOULOUSE (Radio-Toulouse), 10.0—"Faust"—Opera (Gounod) (contd. from 8.30). In the Interval at 10.15: News.
TURIN, 10.0—"Aida" (Verdi) (contd. from 9.0). Talk and News in the intervals.
VIENNA, 10.0—Orchestra (contd. from 8.5). 10.10—News. 10.20—Vienna Symphony Orchestra. Conductor: Holzer. Auf, ins Grüne (Gebauer). Selection, "Aenchen von Tharau" (Strecker). Nur ein Lied und ein Mädel aus Wien (Schieber). Wienerwald - Blumen (Pehm). Ich träumte (Uji). Peruvian Serenade (Uji). Ich suche ein

Bischen Liebe (Kosanek). Ich grüsse dich, du schöne Wachau (Kosanek). Potpourri, Hallo, hier die Meister der Operetten (Kosanek).
WARSAW, 10.0—See 9.0 Turin.

11 p.m.

BARCELONA, 11.0—News. 11.15—"L'home que no sabia esser ric"—Farce in Three Acts in Catalan (Luis Capdevila).
BERLIN, 11.0—See Munich.
BRESLAU, 11.0—See 9.0 Turin.
BUDAPEST (No. 1), 11.10—Gyula Horvath's Cigany Band.
COLOGNE, 11.0—See 9.0 Turin. In the Interval at 11.41: Verdi Anecdotes.
DEUTSCHLANDSENDER, 11.0—Records.
FRANKFURT, 11.0—See 9.0 Turin.
HAMBURG, 11.0—Supp. Conductor: von Sosen. Overture, "Der Gascogner." Selection, "Die Afrikareise. Glückswälzer. Triumph-Ouverture. Gelbe Rosen. March. Ueber Berg und Tal."
HILVERSUM, 11.0—Orchestra (contd. from 10.10). 11.10—Records. 11.15—Dramatic Programme. 11.30—Residentie Orchestra. Conductor: de Groot. Overture, "Romeo and Juliet" (Tchaikovsky). Polovstian Dances, "Prince Igor" (Borodin).
HUIZEN, 11.0—Choir (contd. from 8.45). 11.25—News. 11.30—Records.
KALUNDBORG, 11.0—Teddy Petersen Dance Band from the Wivex Restaurant.
KÖNIGSBERG, 11.0—See 9.0 Turin. In the Interval at 11.40: Talk: Verdi's Life; Announcements.
LEIPZIG, 11.0—See 9.0 Turin.
MADRID (EAJ7), 11.0—Chimes. 11.5—News. 11.15—Records: "Tristan and Isolde"—Opera (Wagner).
MONTE CENERI, 11.0—See 9.0 Turin.
MOSCOW (No. 1), 11.5—German Talk: Stalin.
MUNICH, 11.0—Dance Music.
OSLO, 11.0—Dance Records.
PARIS (Poste Parisien), 11.2—Exchange.
PARIS (PTT), 11.0—"Henri III"—Play (Dumas, Pèrè) (contd. from 9.0).
PARIS (Radio-Paris), 11.0—Dance Music.

WEDNESDAY April 24

RADIO-NORMANDIE, 11.0—Records.
REYKJAVIK, 11.0—Classical Music.
STUTTGART, 11.0—See 9.0 Turin.
TOULOUSE (Radio-Toulouse), 11.0—"Faust"—Opera (Gounod) (contd. from 8.30). 11.50—Request Music.
TURIN, 11.0—"Aida" (Verdi) (contd. from 9.0); In the Interval: News (Italian and Spanish).
VIENNA, 11.0—Orchestra (contd. from 10.20). 11.20—Talk in Esperanto: Industrial Reconstruction in Austria. 11.30—Announcements. 11.45—Dance Records.
WARSAW, 11.0—See 9.0 Turin.

12 midnight

BARCELONA, 12.0—Farce (contd. from 11.15).
BERLIN, 12.0—Records: Old Music.
BRESLAU, 12.0-12.40—See 9.0 Turin.
BUDAPEST (No. 2), 12.5—News.
COLOGNE, 12.0—See 9.0 Turin. 12.40—Good-Night Poem.
FRANKFURT, 12.0-12.40—See 9.0 Turin.
HILVERSUM, 12.0—Orchestra (contd. from 11.30). 12.5—Orchestra. Conductor: Wins. 12.35—Records.
HUIZEN, 12.0-12.10—Records.
KALUNDBORG, 12.0—Chimes; Petersen Dance Band.
KÖNIGSBERG, 12.0-12.40—See 9.0 Turin.
LEIPZIG, 12.0-12.40—See 9.0 Turin.
MADRID (EAJ7), 12.0—Dance Music from the Lido. 12.45—News.
MONTE CENERI, 12.0—See 9.0 Turin.
RADIO-NORMANDIE, 12.0—Dance Music. 12.30—Records.
STUTTGART, 12.0-12.40—See 9.0 Turin.
TOULOUSE (Radio-Toulouse), 12.0—Fantasy; News; Band.
TURIN, 12.0—"Aida" (Verdi) (contd. from 9.0).
VIENNA, 12.0—Dance Records.
WARSAW, 12.0—See 9.0 Turin.

1 a.m. (Thursday)

RADIO-NORMANDIE, 1.0—News. 1.10—Dance Music.

THURSDAY April 25

PRINCIPAL EVENTS

SYMPHONY CONCERTS

P.M.
 8.0 Bucharest: Verdi's Requiem.
 8.10 Breslau: Beethoven, Brahms, Elly. Ney (pianoforte).
 8.10 Cologne: Fantastic Symphony (Berlioz); etc.
 8.15 Frankfurt: Recent music.
 8.45 Rome: Orchestra, pianoforte.
 9.0 Stuttgart: Tchaikovsky's "Pathétique."
 10.5 Kalundborg: Grieg, Svendsen.
 10.15 National: Anton Webern.
 11.0 Munich, etc.: Contemporary music.
 12.0 Hamburg, Berlin: Brahms.
 LIGHT CONCERTS
 P.M.
 12.55 Huizen: Light orchestral.
 2.45 Kalundborg: Radio orchestra.
 4.30 Breslau: Orchestra.
 5.0 Cologne: Orchestra, choir.
 5.0 Leipzig: Symphony orchestra.
 7.28 Poste Parisien: Light orchestral.
 8.0 Brussels I: Massenet programme.
 8.0 Vienna: Operetta Music.
 8.45 Hilversum: Orchestra, Borovski (pft.).
 9.0 Prague: Respighi Concert.
 9.0 Radio-Normandie: Variety concert.
 9.0 Warsaw: Orchestra, Bass songs.
 9.55 Hilversum: Opera music.
 10.0 Radio-Paris: Orchestra, songs.
 10.10 Turin, Vienna: Folk music.
 10.20 Leipzig: German song records.
 11.20 Budapest I: Cigany Band.
 OPERAS
 P.M.
 8.0 Beromünster: Verdi's "Macbeth."
 8.30 Strasbourg: "Joli Gilles" (Poise).
 CHAMBER MUSIC
 P.M.
 12.15 Radio-Paris: Haydn Quartet, Songs.
 10.30-12.0 (Midland till 11.15)—Lou Praeger and his Band.

7.35 Warsaw: Trio (Faure).
 8.10 Kalundborg: Second Quartet (Borodin).
 RECITALS
 P.M.
 4.30 Berlin: Pianoforte (Beethoven).
 5.30 Deutschlandsender: Newcomers to the Microphone.
 6.10 Huizen: Organ.
 7.45 Stockholm: Pfte. (Schumann, Brahms).
 8.30 Paris (PTT): Old French "Hits."
 10.0 Stockholm: Telmányi (violin).
 PLAYS
 P.M.
 4.45 Radio-Paris: Scenes from Ponsard.
 8.0 Brussels 2: "The Conquest of Peru" (with Douliez' music).
 8.15 Stockholm: "The Breadwinner" (Somerset Maugham).
 8.40 Deutschlandsender: "Bach."
 8.45 Radio-Paris: "L'Enigme" (Hervieu).
 8.55 Poste Parisien: "Rouge" (Duvernois).
 9.30 Sottens: "L'Indigent" (Vildrac).
 TALKS
 P.M.
 5.0 Deutschlandsender: "Literary Zoo."
 11.30 Warsaw: "Poland in Spring" (English).
 LANGUAGE LESSONS
 6.15 Kalundborg: English; 6.45, Stockholm: English; 6.50, National: German; 7.0, Athlone: French; 7.40, Rome, Turin: Italian for English advanced students.
 DANCE MUSIC
 5.0 Brussels 2: 8.10, Hamburg; 8.15, Königsberg; 10.10, Brussels 2; 10.15, Warsaw; 11.0, Kalundborg; 11.15, National; 11.50, Hilversum; 12.0, Radio-Normandie.
 MISCELLANEOUS
 8.10 Berlin: Humorists' Contest.
 8.30 Brussels I: Cabaret.

REGIONAL

For Time Signals, see Monday. 10.15-10.45 a.m. (except Midland)—Droitwich. 10.50—Anzac Day Commemoration Service, relayed from St. Clement Danes, Strand. 12.0—Records. 12.20 p.m.—Belfast Wireless Orchestra. 1.20—Organ (R. Tustin Baker). 2.0—The Western Studio Orchestra. 3.0 (Scottish till 3.25)—Central Band of H.M. Royal Air Force. 3.30 (Scottish)—Mid-week Service. 4.0—"April Showers." A Nonsense Revue by Roger MacDougall. 4.45—Records: Light Entertainment. 5.15—The Children's Hour. 6.0—"The First News." 6.30 (Regional)—Vario Trio. 6.30 (Midland)—Engineering Talk. 6.30 (Northern)—"Outdoor Clothes." 6.30 (Scottish)—For Farmers. 6.30 (Western)—For Farmers. 6.30 (N. Ireland)—Records. 6.50 (Midland)—Margaret Ablethorpe (Pianoforte). 6.50 (Northern)—George Burl (One-string Fiddle); Will Firth (One-man Band). 6.50 (Scottish)—Violet Davidson's Concert Party. 6.50 (Western)—Records. 7.0 (except Northern and Scottish)—B.B.C. Dance Orchestra. 7.15 (Northern)—Sports Talk. 7.30 (Northern)—Northern Orchestra. Kathleen Moorehouse (Cello). 7.30 (Scottish)—Catherine Stewart (Contralto). 7.30 (Western)—Cory Workmen's Silver Prize Band. Bath Guitar Octette. Band of H.M. Royal Marines. 7.45 (Regional, Scottish, N. Ireland)—B.B.C. Orchestra (Section C). Tudor Davies (Tenor). 7.45 (Midland)—Midland Orchestra. Helmar Fernback (Tenor). 8.15 (Western)—Dorothy Silk (Soprano); Mabel Sully (Pianoforte). 8.45—"Hit the Deck." A Musical Comedy of the Navy. Music by Vincent Youmans. Production by Charles Brewer. 10.0—News Summary. 10.10 (Scottish from 10.25)—Dance Records. 10.15 (Scottish)—News Bulletin. 10.30-12.0 (Midland till 11.15)—Lou Praeger and his Band.

NATIONAL

For Time Signals, see Monday. 10.15 a.m. (Droitwich)—Service. 10.30 (Droitwich)—Weather forecast. 10.45—"At Home To-day." 11.5—Cinema Organ. 11.30—Records. 11.50—Rutland Square and New Victoria Orchestra. Overture and Waltz from Grieg (Lincke). A Grieg Fantasia (arr. Urbach). It was good while it lasted (arr. Moy). Two Humorous Sketches (Werner-Kerston). Selection, Oh! Daddy (Wood). Spanish Scene, Sevillana (Elgar). Selection, Hits of the Day (Connelly). Fantasia, From the Highlands (Langey). 1.0 p.m.—New Records. 2.0—Pavilion Theatre Orchestra. 3.0—Evensong relayed from Westminster Abbey. 3.50—Records. 4.45—Organ (Philip Taylor). March (Second Suite) (Boellmann). Cantilene (Salomé). Sortie (Vierne). Meditation (Guilmant). Second Choral (Franck). Fiat Lux (Dubois). 5.15—Medvedeff's Balalaika Orchestra. Olga Alexeeva (Soprano). 6.0—"The First News." 6.25—Interlude. 6.30—"The Foundations of Music." Bach Church Cantatas. 6.50—German: Max Kroemer. 7.20—Records. 7.30—Danubian Clues to European Peace—1. "Historical Setting." Arnold Toynbee. 8.0—"Gallipoli." Programme compiled from the works of Winston S. Churchill, Sir Ian Hamilton, John Masfield, Henry Nevinson, Compton Mackenzie and the Official War History. Produced by Val Gielgud. 9.30—"The Second News." 10.0—A Short Mid-week Service, conducted by the Rev. W. H. Elliott, relayed from St. Michael's, Chester Square. 10.15—B.B.C. Orchestra (Section B), conducted by Anton Webern. Symphony No. 8, in B minor (Unfinished) (Schubert). Ricercare a 6 voci (The Musical Offering) (Bach-Webern). Five Orchestral Pieces, Op. 10, Passacaglia, Op. 1 (Webern). 11.15-12.0 (Droitwich)—Dance Music: Lou Praeger and his Band.

THURSDAY April 25

Hours of Transmission in British Summer Time

6 a.m.—8 a.m.

BERLIN, 6.35—See Leipzig. 8.0—Gym; Records.
 BRESLAU, 7.15—See Cologne. 8.30—Records.
 COLOGNE, 7.15—Orchestra. Trombone Quartet. 8.30—Gym; Talk.
 DEUTSCHLANDSENDER, 6.20—Records. 8.0—Orchestra.
 FRANKFURT, 7.0—See Munich. 8.15—Gym.
 HAMBURG, 6.35—See Leipzig. 8.0—Announcements; Records.
 HILVERSUM, 8.40—Records.
 HUIZEN, 8.40—Records.
 KALUNDBORG, 7.0—Gym. 8.30—Copenhagen Cathedral Service.
 KÖNIGSBERG, 6.35—See Leipzig. 8.0—Service; Gym.
 LEIPZIG, 6.35—Orchestra. 8.0—Gym; Records.
 MUNICH, 7.0—Orchestra. 8.15—Gym.
 PARIS (Radio-Paris), 6.45—Gym. 7.0—Records. 7.15—News. 7.45—Gym. 8.0—Records.
 STUTTGART, 7.0—See Munich. 8.15—Gym; For Women.

9 a.m.

BERLIN, 9.30—For Children.
 BRESLAU, 9.0—News. 9.5—Records; Review.
 DEUTSCHLANDSENDER, 9.40—Domestic Science.
 HILVERSUM, 9.0—Records.
 HUIZEN, 9.0—Records.
 KÖNIGSBERG, 9.35—For Housewives. 9.50—Gym.
 MUNICH, 9.45—Records.

10 a.m.

BERLIN, 10.0—News; Markets. 10.15—See Deutschlandsender.
 BRESLAU, 10.15—See Deutschlandsender.
 BUDAPEST (No. 1), 10.20—Talks.
 COLOGNE, 10.0—News. 10.10—Folk Songs. 10.45—The Good Old Times.
 DEUTSCHLANDSENDER, 10.0—News. 10.15—Folk Songs.
 FRANKFURT, 10.0—News. 10.15—See Stuttgart. 10.45—For Housewives.
 HAMBURG, 10.50—News.
 HILVERSUM, 10.0—Records. 10.40—Service. 10.55—Records.
 HUIZEN, 10.40—Records. 10.55—Protestant Programme.
 KÖNIGSBERG, 10.0—Gym. 10.10—For Women. 10.15—See Leipzig. 10.40—News.
 LEIPZIG, 10.0—Exchange; Announcements. 10.15—10.35—"Joyful School"—Play (Marx).
 MUNICH, 10.0—Records.
 PRAGUE, 10.0—News in German. 10.10—Record. 10.15—Josef Dobes. Music. The Composer and his Jazz Band.
 STUTTGART, 10.0—News. 10.15—Folk Songs. 10.45—Soprano, Tenor and Pianoforte.

11 a.m.

BRESLAU, 11.30—News. 11.45—Talk.
 COLOGNE, 11.0—The Good Old Times. 11.30—Records.
 DEUTSCHLANDSENDER, 11.30—For Farmers.
 FRANKFURT, 11.0—Records. 11.30—Announcements; Exchange; Social Report.
 HAMBURG, 11.0—Records. 11.30—See Königsberg.
 HILVERSUM, 11.0—Records. 11.10—Royal Marine Band. Conductor: Leistikov.
 HUIZEN, 11.0—Protestant Programme. 11.25—Records.
 KALUNDBORG, 11.0—Weather. 11.10—Fish Markets.
 KÖNIGSBERG, 11.30—Station Orchestra.
 LEIPZIG, 11.0—Records. 11.45—For Farmers.
 MUNICH, 11.0—Markets; Village Band. 11.30—News; Report; Talk.

PARIS (Radio-Paris), 11.45—Protestant Address.
 PRAGUE, 11.0—Record. 11.5—Band. 11.55—For Farmers.
 STUTTGART, 11.0—Soprano (contd. from 10.45). 11.15—Records. 11.45—Talk: Poultry Farming.
 TURIN, 11.30—Ambrosiana Orchestra. Conductor: Culotta.

12 noon

BERLIN, 12.0—See 11.30 Königsberg.
 BEROMÜNSTER, 12.0—To be announced.
 BRESLAU, 12.0—See Frankfurt.
 BRUSSELS (No. 1), 12.0—Records. Overtures. 12.30—Constantin Dance Band.
 BRUSSELS (No. 2), 12.0—Alexys Orchestra.



E.N.A.

Madame Germaine Lix, who presents a number of "Old French Hits" from Paris PTT at 8.30 p.m.

BUDAPEST (No. 1), 12.5—Endre Vocal Quartet; News.
 COLOGNE, 12.0—See Frankfurt.
 DEUTSCHLANDSENDER, 12.0—See Frankfurt.
 FRANKFURT, 12.0—Orchestra. Conductor: von der Dövenmühle.
 HAMBURG, 12.0—Shipping. 12.10—See 11.30 Königsberg.
 HILVERSUM, 12.0—Band (contd. from 11.10). 12.41—Lismonde Orchestra.
 HUIZEN, 12.0—Records. 12.10—Roman Catholic Address. 12.40—Police Messages. 12.55—K.R.O. Light Orchestra. Conductor: van 't Woud.
 KALUNDBORG, 12.1—Bendix String Ensemble.
 KÖNIGSBERG, 12.0—Orchestra (contd. from 11.30).
 LEIPZIG, 12.0—See Frankfurt.
 MONTE CENERI, 12.0—Announcements. 12.5—Radio Orchestra. Conductor: Herschel. 12.55—News.
 MUNICH, 12.0—Records.
 PARIS (Poste Parisien), 12.0—Exchange. 12.5—Records. 12.25—Interview. 12.35—Concert.
 PARIS (Radio-Paris), 12.0—Protestant Address. 12.15—Chamber Music. Quartet (Haydn). Mlle. Anderson (Songs).
 PRAGUE, 12.0—For Farmers. 12.10—Records. 12.25—News. 12.35—Balsánek Orchestra; Songs.
 SOTTENS, 12.30—News. 12.40—Records.
 STUTTGART, 12.0—See Frankfurt.
 TURIN, 12.0—Ambrosiana Orchestra. Conductor: Culotta. 12.45—News.
 WARSAW, 12.5—For Children. 12.30—Symphony in C Minor (Beethoven) on Records.

1 p.m.

ATHLONE, 1.30—Weather; Exchange; Records.
 BERLIN, 1.0—Mid-day Echoes. 1.15—Records.
 BEROMÜNSTER, 1.0-1.30—To be announced.
 BRESLAU, 1.0—Orchestra. 1.15—See Frankfurt. In the Interval: News.
 BRUSSELS (No. 1), 1.0—News. 1.10—Constantin Dance Band. 1.30—Records: Light Music.
 BRUSSELS (No. 2), 1.0—News. 1.10—Max Alexys Orchestra.
 BUCHAREST, 1.0—News.

BUDAPEST (No. 1), 1.0—Endre Vocal Quartet. 1.30—Orchestra. Conductor: Roubal.
 COLOGNE, 1.0—News; Greetings. 1.15—Records: "The Barber of Seville" (Rossini).
 DEUTSCHLANDSENDER, 1.0—Greetings. 1.15—See Frankfurt. 1.45—News.
 FRANKFURT, 1.0—News; Announcements. 1.15—Orchestra. Conductor: Lindner.
 HAMBURG, 1.0—Review. 1.10—Light Music.
 HILVERSUM, 1.0—Lismonde Orchestra.
 HUIZEN, 1.0—Orchestra (contd. from 12.55).
 KALUNDBORG, 1.0—Bendix String Ensemble.
 KÖNIGSBERG, 1.0—Announcements. 1.5—Records.
 LEIPZIG, 1.0—News. 1.10—Orchestra. 1.15—See Frankfurt.
 MONTE CENERI, 1.5—Sports. 1.15—Records.
 MUNICH, 1.0—Records. 1.15—Announcements. 1.25—Orchestra. Conductor: Kloss.
 PARIS (Poste Parisien), 1.5—Interlude. 1.15—Exchange. 1.19—Concert. 1.40—Film Review.
 PARIS (Radio-Paris), 1.0—Chamber Music (contd. from 12.15). In the Interval at 1.20: News; Exchange.
 PRAGUE, 1.0—Balsánek Orchestra; Songs. 1.35—Industrial Review. 1.45—Records. 1.55—Exchange.
 SOTTENS, 1.0—Records.
 STOCKHOLM, 1.0—Natural History Talk. 1.30—"Scandinavian Spring"—Eklöf (Songs). 1.50—Reading.
 STUTTGART, 1.0—News. 1.15—See Frankfurt.
 TURIN, 1.0—Announcements. 1.5—"The Musketeers in a Balloon"—Film (Nizza-Morbelli); Music by Storaici. 1.35—Light Music.
 WARSAW, 1.0—For Women. 1.5—News. 1.15—Orchestra. 1.45—Labour Exchange. 1.50—News. 1.55—Exchange.

2 p.m.

ATHLONE, 2.0—Records.
 BERLIN, 2.0—News. 2.15—Records: Operetta.
 BRESLAU, 2.5—Exchange. 2.10—Records. 2.35—Greetings. 2.40—Markets.
 BUDAPEST (No. 1), 2.0—Orchestra (contd. from 1.30). 2.40—For Women.
 COLOGNE, 2.0—News. 2.15-2.45—Station Chamber Quintet.
 DEUTSCHLANDSENDER, 2.0—Variety. 2.55—Announcements; Exchange.
 FRANKFURT, 2.0—Orchestra (contd. from 1.15). 2.15—News. 2.30—Industrial Report. 2.45—Exchange.
 HAMBURG, 2.0—Light Music. 2.15—News. 2.30—Records.
 HILVERSUM, 2.0—Lismonde Orchestra. 2.10—Agi Jambor (Pianoforte). Partita in B (Bach). Thirty-two Variations in C minor (Beethoven). 2.30—Records. The Aeolian Orchestra.
 HUIZEN, 2.0—Orchestra (contd. from 12.55). 2.40—Handicrafts.
 KALUNDBORG, 2.15—Broadcast for Schools: Talk and Reading (Georg Branders). 2.45—Radio Orchestra. Conductor: Reesen. Asta Tjaerby (Songs).
 KÖNIGSBERG, 2.0—News; Records. 2.30—Markets.
 LEIPZIG, 2.0—News; Exchange. 2.10—Records. 2.45—Art Notes.
 MUNICH, 2.0—News; Exchange.
 PARIS (Poste Parisien), 2.0—Exchange.
 PRAGUE, 2.0—Exchange in German.
 STOCKHOLM, 2.0—Reading. 2.20—Old Dances. Esbjörnsson's Orchestra.
 STUTTGART, 2.0-2.15—See 1.15 Frankfurt.
 TURIN, 2.0—Exchange; Records.

3 p.m.

BERLIN, 3.0—Exchange; Markets.
 BEROMÜNSTER, 3.30—Dance Records.
 BRESLAU, 3.10—Review of Periodicals. 3.30—Handwork for Children.
 COLOGNE, 3.0—For Children. 3.30—Exchange. 3.45—Talk: Wilhelmine Schröder.
 DEUTSCHLANDSENDER, 3.0—Exchange. 3.15—For Girls. 3.30—For Mothers.
 FRANKFURT, 3.0—Announcements. 3.15—Report from Frankfurt Aerodrome.
 HAMBURG, 3.0—Exchange. 3.30—Brazilian Exchange (Records). 3.40—Shipping.
 HILVERSUM, 3.0—Records (contd.

from 2.30). 3.10—Frans Hasselaar (Organ). Ruth Horna (Soprano).
 HUIZEN, 3.0—Handicrafts. 3.40—Records.
 KALUNDBORG, 3.0—Orchestra (contd. from 2.45).
 KÖNIGSBERG, 3.0—Markets. 3.10—Eurythmics. 3.40—"Folk Songs of Spring."
 LEIPZIG, 3.20—Talk: Physical Culture. 3.40—Exchange.
 MUNICH, 3.0—New Swedish Literature. 3.20—Ignatjeff (Balalaika). 3.40—Fashion Talk.
 PARIS (Poste Parisien), 3.15 and 3.45—Exchange.
 PARIS (Radio-Paris), 3.45—Exchange.
 PRAGUE, 3.45—Exchange. 3.55—Orchestra.
 STUTTGART, 3.30—Books for Women.
 WARSAW, 3.45—Records.

4 p.m.

BERLIN, 4.0—Hildegard Fiedler. Koth and Otto (Pianofortes). 4.30—Beethoven. Annerose Cramer (Pianoforte).
 BEROMÜNSTER, 4.0-5.0—See Sottens.
 BRESLAU, 4.0—Humorous Programme for Boys. 4.10—For Mothers. 4.30—Orchestra. Conductor: Weisshaupt.
 BUDAPEST (No. 1), 4.10—For Young People.
 COLOGNE, 4.0—Knab Concert. Station Chamber Choir. Conductor: Breuer. Fassbender and Müller (Violin). 4.30—German for Germans. 4.45—Talk: An Old German Frontier Festival.
 DEUTSCHLANDSENDER, 4.0—Orchestra. 4.30—See Breslau.
 FRANKFURT, 4.0—"Austrian Songs." Papier (Baritone). 4.30—Poems (Albrecht). 4.40—Art Notes. 4.45—"Dogs"—Book Review.
 HAMBURG, 4.0—Orchestra. 4.30—See Breslau.
 HILVERSUM, 4.0—Organ; Soprano (contd. from 3.10). 4.10—Talk: Sicily. 4.40—For Hospitals.
 HUIZEN, 4.0-4.25—Records. 4.40—Bible Reading. J. and H. Smit Duyzenküst (Baritone and Organ).
 KALUNDBORG, 4.45—For Boys.
 KÖNIGSBERG, 4.0—Records.
 LEIPZIG, 4.0—Chamber Music. Götz (Guitar). Pohlmann (Violin and Viola). 4.30—Art Talk: Masque. 4.50—Exchange; Brazilian Exchange.
 MONTE CENERI, 4.0-5.0—Sottens.
 MUNICH, 4.0—For Farmers. 4.10—"The Pembars, a Musical Family." Gertrud Schuster (Soprano). Trapp (Violin), Bauer (Flute), Merker (Pianoforte). 4.40—Review of Periodicals.
 PARIS (Poste Parisien), 4.50—Exchange.
 PARIS (Radio-Paris), 4.45—Scenes from Ponsard: (a) "Le Lion amoureux," (b) "Lucrèce," (c) "Charlotte Corday."
 PRAGUE, 4.0—Orchestra. 4.45—Talk. 4.55—For Children.
 SOTTENS, 4.0—Old Music. Geneva Radio Orchestra. 4.20—Debussy Songs. Cuénod (Tenor). 4.45—"Spring, Flowers and Birds." Geneva Radio Orchestra.
 STUTTGART, 4.0—Orchestra. 4.30—See Breslau.
 TURIN, 4.30—News. 4.40—For Children.
 VIENNA, 4.50—Lilienau Anniversary—Programme. Leoty Persché (Soprano) and Ranek (Tenor), the Composer accompanying.
 WARSAW, 4.0—Records. 4.10—Jewish Liturgical Songs. 4.30—Talk: Philosophic Thought in French Literature. 4.45—Johann Strauss (Violin).

5 p.m.

BERLIN, 5.0—See Cologne.
 BEROMÜNSTER, 5.0-6.0—See Sottens.
 BRESLAU, 5.0—Orchestra (contd. from 4.30). In the Interval at 5.30: Markets.
 BRUSSELS (No. 1), 5.0—Records: German Classical Music. 5.30—For Children.
 BRUSSELS (No. 2), 5.0—Rosasco Dance Orchestra.
 BUDAPEST (No. 1), 5.0—For Farmers. 5.30—Jozef Nyary (Saxophone).
 BUDAPEST (No. 2), 5.5—Band. Conductor: Seregi.
 COLOGNE, 5.0—Small Station Orchestra. Conductor: Eysoldt. Cologne Young People's Choir. Conductor: Schmitz. Teumer (Songs to the Lute).

DEUTSCHLANDSENDER, 5.0—"A Literary Zoo"—Humorous Programme of Verse and Music. 5.30—"Newcomers to Deutschlandsender Microphone"—Vera Amsinck-Stüamer (Soprano), Edith Seifert (Mezzo-Soprano), Margarete Hartmann (Contralto), Gerlach (Baritone), Weissenborn (Pianoforte). Scholz at the Pianoforte.
 FRANKFURT, 5.0—See Leipzig.
 HAMBURG, 5.0—See 4.30 Breslau. 5.30—Talk: Werewolves. 5.45—Report (Records): A Youth Newspaper.
 HILVERSUM, 5.0-5.10—For Hospitals. 5.25—"Round the World with Fivencep"—Play after d'Ivoi (Hermus).
 HUIZEN, 5.0—Bible Reading (contd. from 4.40). 5.40—Handwork for Children.
 KALUNDBORG, 5.0—For Boys. 5.30—Exchange; Markets. 5.42—Poem. 5.45—Talk: The Italian Author, Silone.
 KÖNIGSBERG, 5.0—Reading; Records.
 LEIPZIG, 5.0—Leipzig Symphony Orchestra. Conductor: Weber.
 MONTE CENERI, 5.0-6.0—See Sottens.
 MOSCOW (No. 1), 5.0—Communist Party Programme. 5.30—Orchestra. Conductor: Piatigorsky.
 MUNICH, 5.0—Orchestra. Conductor: Kloss.
 OSLO, 5.0—Station Orchestra.
 PARIS (Radio-Paris), 5.0—Plays (Ponsard) (contd. from 4.45).
 PRAGUE, 5.0—For Children. 5.20—Reading. 5.40—Talk: Bee-keeping. 5.50—German Transmission: For Children; For Farmers; News.
 ROME, 5.5—Songs and Pianoforte.
 SOTTENS, 5.0—"Spring, Flowers and Birds" (contd. from 4.45). 5.35—Jazz Records.
 STOCKHOLM, 5.5—Service from Trollhättan. 5.30—Children's Letter-box. 5.45—Records.
 STRASBOURG, 5.0—Orchestra.
 STUTTGART, 5.0—See 4.30 Breslau.
 TURIN, 5.5—Songs.
 VIENNA, 5.0—Lilienau (contd. from 4.50). 5.30—Part Relay of the Hotel Imperial Programme in Aid of the Churhauskapelle Renovation Fund.
 WARSAW, 5.0—Report from the Stebnik Mines. 5.15—Play (Moszynska-Janiszewska). 5.50—Sports.

6 p.m.

ATHLONE, 6.0—For Children. 6.45—News.
 BERLIN, 6.0—See 5.0 Cologne. 6.30—"Baron de Neuhoff"—Theodore King of Corsica"—Sequence (Hartwig).
 BEROMÜNSTER, 6.0—Songs and Instrumental Solos (Records). 6.30—Talk on Steglich's Book, "Joh. Seb. Bach." 6.40—Ruth Waldstetter reads.
 BRESLAU, 6.0—Topical Report. 6.20—Mozart Arias. Edith Baumert-Ossadnik (Soprano). 6.45—Announcements.
 BRUSSELS (No. 1), 6.0—Talk: Maternity Welfare. 6.15—Gaudier (Accordion). 6.30—Records: Light Music.
 BRUSSELS (No. 2), 6.0—Records. 6.15—Sonata (Pizzetti) by Mme. Husson (Pfte.) and Frezin (Cello). 6.55—Record.
 BUCHAREST, 6.0—News.
 BUDAPEST (No. 1), 6.0—Talk. 6.35—Hungarian Songs (Pal Kalmár), with the Lajos Veres Cigány Band.
 BUDAPEST (No. 2), 6.50—Reading.
 COLOGNE, 6.0—Orchestra (contd. from 5.0). 6.30—Modern Poems. 6.45—Exchange; Sports.
 DEUTSCHLANDSENDER, 6.0—"Newcomers to the Microphone" (contd. from 5.30). 6.20—Address by Oberbürgermeister Dr. Hesse: The Brunswick Unemployed. 6.45—Sports. 6.55—Poem.
 FRANKFURT, 6.0—See 5.0 Leipzig. 6.30—Reading: "How to cure a Cold" (Mark Twain). 6.45—For Garden Lovers. 6.55—Exchange; Announcements.
 HAMBURG, 6.0—Talks: (a) The Itzehoe Pump, (b) Topicalities. 6.25—War Reminiscences. 6.45—Exchange; Shipping.
 HILVERSUM, 6.0—Play (contd. from 5.25). 6.10—Kovacs Lajos Orchestra.
 HUIZEN, 6.0—Handwork for Children. 6.10—Visser (Organ).
 KALUNDBORG, 6.0—Talk (contd. from 5.45). 6.15—English. 6.54—Announcements.
 KÖNIGSBERG, 6.0—For Farmers. 6.15—Markets. 6.25—Talk: With

6 p.m. (contd.)

the Samoyedes. 6.50—Announcements.
LEIPZIG, 6.0—Orchestra (contd. from 5.0). 6.30—Topical Report. 6.50—Medical Talk: The Chemist.
MOSCOW (No. 1), 6.0—Orchestra (contd. from 5.30). 6.30—Folk Music.
MUNICH, 6.0—Orchestra (contd. from 5.0). 6.30—Discussion: The Wonders of Wireless.
OSLO, 6.0—For Farmers. 6.30—Service.
PARIS (Poste Parisien), 6.20—Exchange. 6.25—For Children. 6.57—Variety.
PARIS (Radio-Paris), 6.0—Plays (Ponsard) (contd. from 4.45). 6.30—For Farmers; Talk: Markets; Racing. 6.50—For Ex-Servicemen.
PRAGUE, 6.0—German Transmission (contd. from 5.50). 6.55—Record.
SOTTENS, 6.0—Cookery. 6.20—Fashions. 6.30—Bridge Problems. 6.45—Talk for Mountaineers.
STOCKHOLM, 6.0—Records. 6.45—English.
STRASBOURG, 6.0—Talk: Lope de Vega. 6.15—Talk: In a Canoe through the Greek Archipelago. 6.30—Songs (Mme. Schaeffer), Clarinet (Burglin).
STUTTGART, 6.0—Spanish. 6.15—Discussion. 6.30—How distressing!—Humorous Poems.
TURIN, 6.0—For Farmers. 6.45—Tourist Report; Announcements.
VIENNA, 6.0—Talk: Viennese May and Springtime Festivals. 6.20—Art Notes. 6.25—Theatre Notes. 6.30—Talk: The Buzzard.
WARSAW, 6.0—Mme. Hradi (Songs). 6.15—Talk: Joseph Conrad. 6.30—Letter-box. 6.40—Talk: Art. 6.45—Records: Marek Weber Orchestra.

7 p.m.

ATHLONE, 7.0—French. Mlle. Giudicelli and Mme. Redmond. 7.15—Talk. 7.30—Time. 7.31—Irish Concert. Station Orchestra. Rodgers (Tenor).



(Photo: Dorothy Wilding.)

A scene from "The Breadwinner," which Stockholm broadcasts at 8.15 p.m.

FERLIN, 7.0—Talk by Dr. Berendt: The Competition for Wireless Announcers. 7.15—The Halfner Symphony in D (Mozart), by the Philharmonic. Conductor: Toscanini (Records). 7.40—Evening Echoes.
BEROMÜNSTER, 7.0—Traffic Report. 7.5—Light Music. Radio Orchestra. Conductor: Neppach. 7.35—Talk: Photography. 7.50—Talk on the 8.0 Transmission.
BRATISLAVA, 7.30—Jazz.
BRESLAU, 7.0—See Berlin. 7.15—Music by Young People, with Speaking Choir.
BRNO, 7.30—Variety.
BRUSSELS (No. 1), 7.0—For Workers. 7.15—Records. 7.30—Art Review. For Women.
BRUSSELS (No. 2), 7.0—Recitations. 7.15—Records. 7.30—Tourist Report.
BUDAPEST (No. 1), 7.0—Songs (contd. from 6.35). 7.50—Variety (Margit Szabo and Arpad Lehotay).
COLOGNE, 7.0—See Berlin. 7.15—Light Music. Chamber Quintet. 7.40—First Aid. 7.50—Snapshots.
DEUTSCHLANDSENDER, 7.0— "Back to School"—Scenes with Records.

FRANKFURT, 7.0—See Berlin. 7.15—Light Music.
HAMBURG, 7.0—Variety (Records).
HILVERSUM, 7.0—Light Music. Kovacs Lajos Orchestra. In the Interval at 7.10: Sports.
HUIZEN, 7.0—Organ (contd. from 6.10). 7.10—Frisian Programme 7.40—Police Messages. 7.55—Report.
KALUNDBORG, 7.0—News. 7.15—Talk: Careers for Girls. 7.45—Talk: The English Influence on the Danish Language.
KÖNIGSBERG, 7.0—See Berlin. 7.15—To be announced. 7.30—Songs by Young People. Conductor: Neubert.
LEIPZIG, 7.10—"The Poet, the Maiden and the Railway"—Scene (Schmidt). 7.40—Records: Bach, Schubert, Reger.
MONTE CENERI, 7.15—Medical Talk: Spring. 7.30—Jacques-Dalcroze Songs (Records). 7.45—News.
MOSCOW (No. 1), 7.0—Folk Music (contd. from 6.30).
MUNICH, 7.0—Zither and Violin Duets by Willy Hintermeyer and Son. 7.20—Talk: Biology. 7.40—Songs by Girls.
OSLO, 7.0—Announcements. 7.31—Norwegian Music: Violin Trio.
PARIS (Poste Parisien), 7.0—Variety. 7.7—News. 7.28—Light Orchestra. Conductor: Balay.
PARIS (PTT), 7.45—Talk: Social Hygiene. 7.53—Talk by M. Julien Maigret: The Colonies.
PARIS (Radio-Paris), 7.0—Economics. 7.30—German Press Review. 7.40—Talk.
PRAGUE, 7.0—News. 7.10—Records. 7.15—Russian. 7.30—See Brno.
ROME, 7.0—News in Foreign Languages. 7.40—Italian Lesson for Advanced English Students.
SOTTENS, 7.0—Cello. Sicilienne (Guillou). Suite (Gagnebin). 7.15—Music Review. 7.40—Wireless Notes.

STRASBOURG, 7.0—Songs and Clarinet (contd. from 6.30). 7.30—News. 7.45—Records.
STOCKHOLM, 7.0—English. 7.15—News. 7.30—Sports. 7.45—de Frumerie (Pianoforte). Kinder-szenen (Schumann). Intermezzo in B flat (Brahms). Rhapsody in E flat (Brahms).
STUTTGART, 7.0—See Berlin. 7.15—War Reminiscences. 7.30—Folk Songs.
TURIN, 7.0—News in Foreign Languages. 7.40—Italian Lesson for Advanced English Students.
VIENNA, 7.0—News: Announcements. 7.10—Talk: Austria. 7.20—Talk: Social Insurance.
WARSAW, 7.0—Records: Marek Weber Orchestra. 7.7—Announcements. 7.15—For Young Villagers. 7.25—Sports Notes. 7.35—Pianoforte Trio (Fauré). Topical Programme.

8 p.m.

ATHLONE, 8.0—Irish Concert (contd. from 7.31). 8.30—Talk by E. Bohane: The Spring Show. 8.45—Mrs. Galvin (Traditional Fiddle).

BERLIN, 8.0—News; Announcements. 8.10—Variety from the Clou. Part I. A Humorous Broadcasting Contest—Cologne v. Berlin. Starters: For Cologne: Willi Bolesco and Egon Emmeri; For Berlin: Melitta Klefer, Carl Carell and Erich Kestner. Part II. Dance Music by the Hilden-Arnold Band and the Small Station Orchestra. Conductor: Steiner. Max Bing (Announcer).
BEROMÜNSTER, 8.0—

"Macbeth" (Verdi)

from the Municipal Theatre, Basle. Basle Orchestral Society. Conductor: Becker. In the Interval: News.

BORDEAUX-LAFAYETTE, 8.0—Talk: Wine. 8.15—News: Request Records. 8.30—"Après l'amour"—Comedy in Four Acts (Wolf-Duvernoir).
BRATISLAVA, 8.0—Jazz. 8.15—Talk. 8.30—Mozes Choral Music.
BRESLAU, 8.0—Announcements. 8.10—Beethoven-Brahms. Elly Ney (Pianoforte) with the Station Orchestra. Conductor: Prade. Leonora Overture No. 2 (Beethoven). Pianoforte Concerto in E flat (Beethoven). Symphony in E minor (Brahms).
BRNO, 8.0—Variety.

BRUSSELS (No. 1), 8.0—Massenet. Symphony Orchestra. Conductor: André. Overture, "Phedre." Ballet Music, "Hérodiade." Scènes alsaciennes. 8.30—Grillon Cabaret.
BRUSSELS (No. 2), 8.0—"The Conquest of Peru"—Play (Rombach). Freely adapted by Yvonne de Man. With incidental music by Douliez. Radio Orchestra. Conductor: The Composer.

BUCHAREST, 8.0—Requiem (Verdi) from Tehernautzki.
BUDAPEST (No. 1), 8.0—Variety (contd. from 7.50). 8.40—News.
BUDAPEST (No. 2), 8.35—Erzsébet Galánfy-Hoor (Songs).
COLOGNE, 8.0—News. 8.10—Station Orchestra. Conductor: Buschkötter. Schmidt (Cello). Symphonic Poem, Maceppa (Liszt). Rocco Variations (Tchaikovsky). Fantastic Symphony (Berlioz). Polovstian Dances, "Prince Igor" (Borodin).

DEUTSCHLANDSENDER, 8.0—Motto; Announcements. 8.10—Humorous Programme by a Speaking Choir. 8.40—"Johann Sebastian Bach"—Play (Kluge).
FRANKFURT, 8.0—To-day's Mirror. 8.15—New Music. Station Orchestra. Conductor: Jochum. Music for Orchestra (Stephan). Symphony in C (Atterberg).
HAMBURG, 8.0—News. 8.10—"Dancing"—Station Dance Band and Soloists. Conductor: Bolt.
HILVERSUM, 8.10—Talk: Agriculture and Industry. 8.41—News. 8.45—A.V.R.O. Orchestra. Conductor: van Raalte. Borovski (Pianoforte). Air, Bourrée and Hornpipe (Handel). Pianoforte Concerto in F minor (Bach). Excerpts, "Ländliche Hochzeit" (Goldmark). Concert Piece (Weber).
HUIZEN, 8.0—Report. 8.10—Press Review. 8.40—News. 8.45—Programme for the Unemployed; Reports; Addresses; Interviews.

JUAN-LES-PINS (Radio Côte d'Azur), 8.0—News; Exchange. 8.15—Station Orchestra.
KALUNDBORG, 8.0—Talk (contd. from 7.45). 8.10—String Quartet in D (Borodin). 8.40—Humorous Election.
KÖNIGSBERG, 8.0—News. 8.15—Dance Music. Small Station Orchestra. Conductor: Wilcken; Börschel Band.
LAHTI, 8.0—Talk. 8.15—Orchestra. 8.45—News.
LEIPZIG, 8.0—News. 8.10—See Hamburg.

LYONS (La Doua), 8.0—Talk: Art. 8.10—Talk for Philatelists. 8.20—Film Notes. 8.30—See Paris (PTT).
MONTE CENERI, 8.0—Favini (Organ), from the Church of All Angels. Movement, Sonata in E flat (Rheinberger). Toccata. The Fifth Symphony (Widor). Theme with Variations (Boschi). Réverie (Galliera). Toccata (Rager). 8.30—A Report. 8.50—Italian Music. Radio Orchestra. Conductor: Casella. Overture, "Le maschere" (Mascagni). Introduction, Chorus and Dance, "Il figliuol prodigo" (Ponchielli). Intermezzo, "Suor Angelica" (Puccini). Excerpts, "La sonnambula" (Bellini). Prelude to Act I, "La Traviata" (Verdi). Overture, "The Thieving Magpie" (Rossini).

MOSCOW (No. 1), 8.0—Dramatic Programme.
MUNICH, 8.0—News. 8.10—Variety. Lale Wilke (Songs), Lilly Preisig (Soprano), Scharnagl (Songs), Ignatielf (Balalaika), Schmidmeier (Pianoforte), Preissler (Accordion), Löscher (Speaker).
OSLO, 8.0—For Farmers. 8.30—Philharmonic Orchestra. Conductor: Issay Dobrowen. Glaser (Violin). Overture, "Oberon" (Weber). Symphony No. 8 (Schubert). The Moldau (Smetana). Romance (Svendsen). Symphonic Dance (Grieg). Andante cantabile (Tchaikovsky). Pizzicato Polka (Strauss).
PARIS (Eiffel Tower), 8.0—Topical Talks. 8.30—Records.
PARIS (Poste Parisien), 8.0—Talk by Gringoire. 8.10—Exchange. 8.20—Review by Max Régner. 8.25—"Lucie"—Play after de Musset (Mathieu and Laurent); with Chopin Music. 8.40—Interlude; Exchange. 8.55—"Rouge"—Comedy in Three Acts (Duvernois), from the Théâtre Saint-Georges.

PARIS (PTT), 8.0—Wireless Review. 8.10—Records. 8.30—Old French "Hits" (arr. André Danerly).
PARIS (Radio-Paris), 8.0—Reading (Pushkin). 8.30—News. 8.45—"L'Enigme"—Comedy (Hervieu). In the Interval: News; Fashions.
PRAGUE, 8.0—See 7.30 Brno. 8.30—Talk: Physical Culture.
RADIO-NORMANDIE, 8.0—Hunting Horn Music. 8.15—Simplice in his Repertoire. 8.30—Concert. 8.45—Talk.
RÔME, 8.5—News; Sports; Records. 8.30—Announcements; Talk. 8.45—Symphony Concert. Conductor: Romano. Schaufuss (Pianoforte). Overture, "The Secret Marriage" (Cimarosa). Symphony No. 2 in D (Beethoven). Pianoforte Concerto in B flat (Brahms). Symphonic Poem, Iphigenia (Romano). Excerpts, "The Force of Destiny" (Verdi).
SOTTENS, 8.0—Geneva Radio Orchestra. Overture, "The Lovely Galathea" (Suppé). Melody in F (Rubinstein). Humoresque (Scasola). Scènes napolitaines (Massenet). 8.25—Talk: The English Novel in the Victorian Era. 8.50—News.

STOCKHOLM, 8.0—Pianoforte (contd. from 7.45). 8.15—
"The Breadwinner"
—Comedy in Three Acts (Somerset Maugham).
STRASBOURG, 8.0—News in German. 8.30—Records. 8.45—"Joli Gilles"—Comic Opera in Two Acts (Poise). Station Orchestra and Soloists. Conductor: De Villers.
STUTTGART, 8.0—News. 8.10—See Munich.

TOULOUSE (Radio-Toulouse), 8.0—Film Music. 8.15—Excerpts: "Madame Butterfly" (Puccini). 8.30—Film Music.
TURIN, 8.0—Records. 8.5—News; Records. 8.30—Announcements; Talk. 8.45—Request Records.
VIENNA, 8.0—Viennese Operetta. Vienna Symphony Orchestra and Mixed Choir. Conductor: Holzer. Margit Bokor (Soprano), Borsos (Tenor), Willenz (Tenor-buffo). Excerpt, "Die Fledermaus" (Strauss). Overture and Duet, "The Lovely Galathea" (Suppé). Intermezzo, "Das süsse Mädel" (Reinhardt). Song and Trio, "The Bird Fancier" (Zeller). Overture, "Wiener Frauen" (Lehár). Vilja Song, "The Merry Widow" (Lehár). Song, "Countess Maritza" (Kálmán). Duet, "The Rose of Stamboul" (Fall). Waltz, "The Queen's Kerchief" (Strauss). Song, "Bruder Straubinger" (Eysler). Duet, "Der Betelstudent" (Müllöcker). March, "Die Landstreicher" (Lehár). Couplet, "Das Sperrscherei" (Stolz). Song, "A Waltz [Dream]" (O. Strauss). Song, "The Land of Smiles" (Lehár). Song, "Der Fremdenführer" (Ziehrer).

WARSAW, 8.0—Variety. 8.45—News. 8.55—Talk: Work in Poland.

9 p.m.

ATHLONE, 9.0—Relay from the National Teachers' Reunion at the Teachers' Hall, Dublin. 9.30—Variety.
BERLIN, 9.0—Variety (contd. from 8.10).

THURSDAY April 25

BEROMÜNSTER, 9.0—"Macbeth" (Verdi) (contd. from 8.0).
BORDEAUX-LAFAYETTE, 9.0—"Après l'amour"—Comedy (contd. from 8.30).
BRESLAU, 9.0—Beethoven-Brahms (contd. from 8.10).
BRUSSELS (No. 1), 9.0—Talk by Deputy Petit: Transport. 9.15—Ballet Suite (Glazunov), by the Symphony Orchestra. Conductor: André. 9.30—Variety by the Renaudins.
BRUSSELS (No. 2), 9.0—"The Conquest of Peru"—Play (Rombach) with Music (Douliez) (contd. from 8.0).
BUCHAREST, 9.0—Requiem (Verdi) (contd. from 8.0).
BUDAPEST (No. 1), 9.10—Musical Parodies. Orchestra (arr. and conducted by Kleinecke). Opera Orchestra. Waltz, "Der Opernball." Variations on High C. Andante (Haydn). Sonata (Haydn). A Summer Night's Dream in Budapest. Pianoforte Music in various keys. German Songs in Hungarian Settings. One, two, three—one, two. Tosca Czarad. Departure of the Guests from the Wartburg.
BUDAPEST (No. 2), 9.0—Songs (contd. from 8.35). 9.15—News. 9.35—Illicit Jazz Band.
COLOGNE, 9.0—Orchestra (contd. from 8.10).
DEUTSCHLANDSENDER, 9.0—"Johann Sebastian Bach"—Play (contd. from 8.40).
FRANKFURT, 9.0—News; Music (contd. from 8.15). 9.15—"Good-Fair-Poor!"—Humorous Character Sketches (Schaaf).
HAMBURG, 9.0—"Dancing!" (contd. from 8.10).
HILVERSUM, 9.0—A.V.R.O. Orchestra (contd. from 8.45). 9.40—Humorous Reading. 9.55—

Opera Concert

—A.V.R.O. Orchestra. Conductor, van Raalte. Hansy Book-Liebmann (Soprano) and van Munster (Tenor). Overture, "La finta giardinera" (Mozart). Tenor and Soprano Arias, "The Magic Flute" (Mozart). Entr'acte Gavotte, "Mamon" (Massenet). Duet, "The Barber of Bagdad" (Cornelius). Ballet and Duet, "Czar and Carpenter" (Lortzing). Prelude and Duet, "Carmen" (Bizet). Overture, "Djamileh" (Bizet).
HUIZEN, 9.0—Programme for the Unemployed (contd. from 8.45).
JUAN-LES-PINS (Radio Côte d'Azur), 9.0—News; 9.15—Music and Literature.
KALUNDBORG, 9.0—Alt Wien (Schubert-Friedman) by Ignaz Friedman (Pianoforte) on Records. 9.10—Bellman's Stockholm Talk and Songs to the Lute by Alf Gildsig. 9.50—News.
KÖNIGSBERG, 9.0—Dance Music (contd. from 8.15).
LAHTI, 9.0—News (Swedish).
LEIPZIG, 9.0—See 8.10 Hamburg.
LYONS (La Doua), 9.0—See 8.30 Paris (PTT).
MONTE CENERI, 9.0—Italian Music (contd. from 8.50). 9.30—Dance Records.
MOSCOW (No. 1), 9.0—German Talk: Youth and the Proletariat.
MUNICH, 9.0—"Glorious Days!"—Scenes from a Child's Life (Riemkasten).
OSLO, 9.0—Orchestra (contd. from 8.30). 9.40—News.
PARIS (Eiffel Tower), 9.0—Records (contd. from 8.30).
PARIS (Poste Parisien), 9.0—"Rouge"—Comedy (Duvernois) (contd. from 8.55).
PARIS (PTT), 9.0—Old French Successes (contd. from 8.30). In the Interval at 9.30: French Songs.
PARIS (Radio-Paris), 9.0—"L'Enigme"—Comedy (Hervieu) (contd. from 8.45).
PRAGUE, 9.0—

Respighi

Station Orchestra. Conductor: The Composer. Kitty Cervenková (Violin). Concerto Gregoriano. Botticelli Triptych. Le feste di Roma.
RADIO-NORMANDIE, 9.0—Vocal and Instrumental.

THURSDAY April 25

9 p.m. (contd.)

REYKJAVIK, 9.0—Light Music. 9.50—Announcements. ROME, 9.0—Symphony Concert (contd. from 8.45). In the Interval: Talk on Literature and Art. SOTTENS, 9.0—Geneva Radio Orchestra. 9.30—"L'Indigent"—Comedy (Vildrac). STOCKHOLM, 9.0—"The Breadwinner"—Comedy (Somerset Maugham) (contd. from 7.45). STRASBOURG, 9.0—"Joli Gilles"—Comic Opera (Poise) (contd. from 8.45). In the Interval at 9.30: News. STUTTGART, 9.0—Sixth Symphony in B minor—

The "Pathétique"

(Tchaikovsky) by the Station Orchestra. Conductor: Drost. 9.45—Shortband. TOULOUSE (Radio-Toulouse), 9.0—"Youth"—Fantasy. 9.40—An Interview. 9.45—Operetta Music. TURIN, 9.0—Request Records. 9.45—Talk. VIENNA, 9.0—Viennese Operetta (contd. from 8.0). 9.30—Bach, Paul Emeric (Pianoforte). Italian Concerto in F. Chromatic Fantasia and Fugue. WARSAW, 9.0—Symphony Orchestra. Conductor: Oziminski. Wraga (Bass). Overture, "Les Girondistes" (Litloff). Berceuse (Syndby). Aria, "Don Carlos" (Verdi). Twilight Idyll (Fibich). Albumblatt (Wagner). Aria, "The Valkyrie" (Wagner).

10 p.m.

ATHLONE, 10.0—Variety. 10.30—News. 10.40—Records. BARCELONA, 10.5—Russian Music. Station Orchestra. 10.30—Records. BERLIN, 10.0—News; Sports. 10.30—Records: The Livschakoff Dance Band. BEROMÜNSTER, 10.0—"Macbeth" (Verdi) (contd. from 8.0).

BORDEAUX-LAFAYETTE, 10.0—"Après l'amour"—Comedy (contd. from 8.30). 10.30—See 10.0 Paris (Radio-Paris). BRATISLAVA, 10.15—News (Hungarian). BRESLAU, 10.0—News; Sports. 10.25—Records. BRUSSELS (No. 1), 10.0—News. 10.10—Request Records. BRUSSELS (No. 2), 10.0—News. 10.10—Dance Music. BUDAPEST (No. 1), 10.0—Musical Parodies (contd. from 9.10). 10.35—News. 10.40—Records. COLOGNE, 10.0—News. 10.20—Review. 10.25—Records: Light Music. 10.35—Reading: "The Portrait" (Schäferdick). DEUTSCHLANDSENDER, 10.0—News; Sports; Announcements. FRANKFURT, 10.0—News. 10.15—Announcements; Sports. 10.20—Hauck Orchestra. HAMBURG, 10.0—News. 10.25—"Dancing!" (contd. from 8.10). HILVERSUM, 10.0—Opera Music (contd. from 9.55). 10.50—Humorous Sketch (Koen). HUIZEN, 10.0—Programme for the Unemployed (contd. from 8.45). 10.40—News. 10.45—Records. KALUNDBORG, 10.5—Grieg, Svendsen. Radio Symphony Orchestra. Conductor: Grøndahl. Norwegian Dances in A and in A minor (Grieg). Symphony in B flat (Svendsen). KÖNIGSBERG, 10.0—News; Sports. 10.20—Wireless Talk: Tone Control. LEIPZIG, 10.0—News; Sports. 10.20—Records: German Songs. Franz Völker: Das Veilchen (Mozart). Sigrid Onegin: Das Lied im Grünen (Schubert). Gerhard Hüsch: Der Wanderer (Schubert). Elisabeth Schumann: Ich schwebte (Strauss). Julius Patzak: O wüsst' ich doch den Weg zurück (Brahms). Eva Leibenberg: Von ewiger Liebe (Brahms). Domgraf-Fassbaender: Verschwiegene Liebe (Wolf). Margarethe Teschemacher: Der Engel (Wagner). Leo Slezak: Freundliche Vision (Strauss). Lula Mysz-Gmeiner: Das Echo (Schubert). Heinrich Schlusnus: (a) Ich liebe dich (Beethoven), (b) Heimweh (Wolf). LYONS (La Doua), 10.0—See 8.30 Paris (PTT). 10.30—See 10.0 Paris (Radio-Paris).

MOSCOW (No. 1), 10.5—French Talks: (a) The Russian Revolutionary Movement, (b) Careers. MUNICH, 10.0—News; Exchange; Sports. OSLO, 10.0—Topical Talk. 10.15—Records. PARIS (Poste Parisien), 10.0—"Rouge"—Comedy (Duvernois) (contd. from 8.55). After the Comedy: Exchange. PARIS (PTT), 10.0—Old French Successes (contd. from 8.30). PARIS (Radio-Paris), 4.0—National Orchestra. Conductor: Inghelbrecht. Soloists: Mme. Martinelli and M. Singer. Symphonic Fantasia

Kurt Weill

Prelude, "Messidor" (Bruneau). Rebecca (Franck). Les rencontres (Jbert). PRAGUE, 10.0—News. 10.15—Herman Schrammel Ensemble. RADIO-NORMANDIE, 10.0—Concert (contd. from 9.0). REYKJAVIK, 10.0—News. 10.30—Reading. ROME, 10.0—Symphony Concert (contd. from 8.45). 10.15—Light Music. SOTTENS, 10.0—"L'Indigent"—Comedy (Vildrac) (contd. from 9.30). STOCKHOLM, 10.0-10.45—

Telmányi

(Violin). Rhapsody (Béla Bartók). Adagio (Kodaly). En el Jardin de Lindaraja (Nin). Dryads and Pan (Szymanowski); Tzigane (Ravel). STRASBOURG, 10.0—"Joli Gilles"—Comic Opera (Poise) (contd. from 8.45). 10.30—See 10.0 Paris (Radio-Paris). STUTTGART, 10.0—News; Sports. 10.20—Records: "The Pearl Fishers" (Bizet). TOULOUSE (Radio-Toulouse), 10.0—Duets. 10.15—News. 10.30—"En flânant dans la rue"—Fantasy. TURIN, 10.0—Talk. 10.10—Songs of Italy. VIENNA, 10.0—News. 10.10—Italian Folk Music from Turin. WARSAW, 10.0—Announcements. 10.15—Light Music and Dance Music.

11 p.m. BARCELONA, 11.0—News. 11.15—Station Symphony Orchestra. Conductor: Ribó. BERLIN, 11.0—See Munich. BEROMÜNSTER, 11.0-11.30—Weekly Review for Swiss Nationals Abroad. BRESLAU, 11.0—See Munich. BUDAPEST (No. 1), 11.0—Records. 11.20—Lakatos Cigány Band. COLOGNE, 11.0—See Munich. DEUTSCHLANDSENDER, 11.0—See Munich. FRANKFURT, 11.0—See Munich. HAMBURG, 11.0—See Munich. HILVERSUM, 11.10—Records: A.V.R.O. Soloists. 11.40—News. 11.50—Dance Music from the Café Pechori, Rotterdam. HUIZEN, 11.0—Records. KALUNDBORG, 11.0—Juhl-Thomsen Dance Band from the National Scala. KÖNIGSBERG, 11.0—See Munich. LEIPZIG, 11.0—See Munich. MADRID (EAJ7), 11.5—News. 11.15—Records: "Tristan and Isolde" (Wagner). MOSCOW (No. 1), 11.5—Spanish Talks: (a) The Russian Revolutionary Movement, (b) Careers. MUNICH, 11.0—Transmission for all German Stations. Contemporary Music. Station Orchestra. Conductor: Winter. Concerto for Strings, Flute and Clarinet (Fleischer). Three Orchestral Pieces after German Folk Songs (Schäfer). Music for Strings (Sachsse). PARIS (Radio-Paris), 11.0—National Orchestra (contd. from 10.0). RADIO-NORMANDIE, 11.0—Opera Music. REYKJAVIK, 11.0—Station Orchestra; Musical Monologues; Dance Music. ROME, 11.0—News. STRASBOURG, 11.0—See 10.0 Paris (Radio-Paris). STUTTGART, 11.0—See Munich. TOULOUSE (Radio-Toulouse), 11.0—Mandoline. 11.15—Opera Music. Arias, "The Valkyrie" (Wagner), "Cosi fan tutte" (Mozart), "Prince Igor" (Borodin), "Don Giovanni" (Mozart). 11.35—Viennese Orchestra. 11.45—Songs.

TURIN, 11.0—Songs of Italy. 11.10—News. 11.20—News in Spanish. VIENNA, 11.0—See Turin. 11.10—Book Review. 11.25—Announcements. 11.40—Seebach Dance Band, with Sternan (Refrains). WARSAW, 11.5—Light Music and Dance Music. 11.30—Talk in English: Poland in Springtime.

12 midnight

BARCELONA, 12.0—Station Orchestra. 12.15—Records. BERLIN, 12.0—See Hamburg. BUDAPEST (No. 1), 12.5—News. FRANKFURT, 12.0—Serenade on Records. Part I.—Modern Music. Part II.—Willi Domgraf-Fassbaender Sings. HAMBURG, 12.0—

Brahms

Station Symphony Orchestra. Conductor: Fiedler. Hamann (Violin). Variations on a Haydn Theme. Violin Concerto in D. HILVERSUM, 12.0-12.40—Dance Music. HUIZEN, 12.0-12.10—Records. KALUNDBORG, 12.0—Chimes; Dance Music. MADRID (EAJ7), 12.0—Dance Music from The Lido. 12.45—News. RADIO-NORMANDIE, 12.0—Dance Music. REYKJAVIK, 12.0—Station Orchestra; Musical Monologues; Dance Music. STUTTGART, 12.0—See Frankfurt. TOULOUSE (Radio-Toulouse), 12.0—"Au caveau de minuit"—Fantasy. 12.15—News. 12.20—12.30—Band. VIENNA, 12.0—Seebach Dance Band, with Sternan (Refrains).

1 a.m. (Friday)

BARCELONA, 1.0—News. FRANKFURT, 1.0—Serenade (contd. from 12.0). RADIO-NORMANDIE, 1.0—News. 1.10—Dance Music. STUTTGART, 1.0—See 12.0 Frankfurt.

FRIDAY April 26

PRINCIPAL EVENTS

SYMPHONY CONCERTS

P.M. 8.5 Prague: The Philharmonic; Malko. 8.15 Warsaw: Italian programme. 8.30 Eiffel Tower: Bach, Saint-Saëns, Mozart.

9.0 Königsberg: Dvořák programme. 9.0 Leipzig: 8th Symphony (Bruckner). 11.0 Berlin: Orchestra, violin.

LIGHT CONCERTS

P.M. 12.15 Radio-Paris: Light orchestral. 3.0 Kalundborg: Radio orchestra. 4.0 Beromünster: Orchestra, pianoforte. 5.0 Frankfurt: Orchestra, violin. 6.15 Brussels 2: Belgian music. 7.30 Athlone: Orchestra, songs. 7.30 Vienna: Robert Stolz programme. 8.0 Brussels 1: Ex-Service Men's Hour. 8.0 Radio-Paris: "Chansonniers." 8.0 Sottens: Italian music. 8.30 Athlone: Sligo Feis Ceoil. 8.45 Huizen: Band Concert. 9.0 Brussels 2: Light orchestral. 9.0 Munich: Marches. 9.0 Radio-Normandie: Variety concert. 10.0 Strasbourg: Orchestra. 11.0 Cologne: Popular classics. 11.20 Budapest 1: Cigány Band. 12.0 Stuttgart, Frankfurt: Orchestra, pft.

OPERA

P.M. 7.30 Budapest 1: "La Traviata" (with Maria Németh).

OPERETTA

9.0 Frankfurt: "Figures of History in Operetta."

CHAMBER MUSIC

5.30 Brussels 1: Sax Quartet (Swert, Haydn). 8.0 Brussels 2: Trios (Mozart, Beethoven). 8.30 Strasbourg: Rabaud quartet, etc.

P.M.

9.0 Breslau: Pianoforte quintet (Reger). 9.10 Hilversum: Cello and pft. (Saint-Saëns, Beethoven).

9.30 Beromünster: Strings and oboe.

RECITALS

P.M. 3.10 Breslau: Loewe ballads. 5.15 Warsaw: Pianoforte. 6.30 Brussels 1: Pft. sonatas (Beethoven). 7.10 Sottens: Two pianofortes. 7.50 Regional: Song, pianoforte. 8.45 National: Violin. 10.15 Frankfurt: Russian song.

PLAYS

P.M. 6.0 Hamburg: "Das Osterfeuer" (Behncken). 8.25 Poste Parisien: "M. et Mme. Un Tel" (Amiel). 8.40 Regional: "Yellow Sands." 9.25 Brussels 1: "La Pie borgne" (Benjamin). 9.30 Rome: "Columbus" (San Secondo).

TALKS

9.15 Stockholm: "Disarmament." 11.0 Budapest 1: "International University Games, 1935" (in English).

LANGUAGE LESSONS

P.M. 6.15 Kalundborg: German; 7.40, Rome, Turin: Italian for English beginners; 8.0, Bordeaux-Lafayette: Spanish.

DANCE MUSIC

5.0 Brussels 2; 10.10, Brussels 2, Regional; 10.25, Brussels 1; 11.0, Deutschlandsender, Kalundborg; 11.5, Warsaw; 11.15, National; 11.35, Vienna; 12.0, Radio-Normandie.

MISCELLANEOUS

11.0 Frankfurt: Variety.

NATIONAL

For Time Signals, see Monday. 10.15 a.m. (Droitwich)—Service. 10.30 (Droitwich)—Weather Forecast. 10.45—The Health of the Adolescent. "Health Facilities for Young People." 11.0—Cinema Organ (Reginald New). 11.30—Troadero Cinema Orchestra. 12.30 p.m.—B.B.C. Dance Orchestra. 1.15—Johan Hock's Chamber Orchestra. Florence Hooton ("Cello). 2.0—Birmingham Theatre Royal Orchestra. March, Allegiance (Gordon). Overture, The Bronze Horse (Auber). Selection, Whirled into Happiness (Stolz). Waltz (Waldteufel). Suite, In a Toy Shop (Engleman). Mars and Venus (Ganne). Moonlight Serenade (Marsden). Flowers of Spain (Marquina). Spring Night in the Woods (Barbieroli). Selection, The Lady of the Rose (Gilbert). 3.0—The Scottish Studio Orchestra. 3.45—Dance Records. 4.15—Hotel Metropole Orchestra. 5.15—The B.B.C. Dance Orchestra. 6.0—"The First News." 6.30—Food for Health: "The Boy and Girl at Boarding School." 6.45—"In Your Garden." C. H. Middleton. 7.5—"The Foundations of Music." Bach Church Cantatas. 7.30—"Hit the Deck." (See Thursday, Regional, 8.45). 8.45—Zino Francescatti (Violin). Concerto in A minor (Bach). Recitativo et Finale (Kreisler). Rondino (Beethoven). Dance of the Goblins (Bazzini). 9.10—"Soft Lights and Sweet Music." 9.30—"The Second News." 10.0—Conversations in the Train—16. 10.20—Leslie Bridgewater Quintet. Elena Danielli (Soprano). Quintet: Suite of Pieces (Couperin-Bridgewater). Elena Danielli and Quintet: Ave Maria (Bach-Gounod). Nymphs and Fauns (Bemberg). Quintet: Minuet (The Maid of Arles) (Bizet); On a theme by Salinas, Murciene (Nin); Melody (Dawes). Elena Danielli: Ah, Love, but a day! (Beach); Aprile (Tosti); Lovely Spring (Ceunen). Quintet: Mina (Elgar); Sweet Discourse (Février); Love Waltz (Moszkowski). 11.15-12.0 (Droitwich)—Dance Music: Harry Roy and his Band.

REGIONAL

For Time Signals, see Monday. 10.15-10.45 a.m. (except Midland)—Droitwich. 10.45—The Western Studio Orchestra. 11.45—Organ (Ernest W. Maynard). 12.15 p.m.—Records. 1.0—Coventry Hippodrome Orchestra. 2.0—Miscellaneous Records. 2.30—Radio Novelty Quartet with Al Shaw and Lola Shari. 3.30—B.B.C. Midland Orchestra. Emily Broughton (Soprano). Overture, The Italian in Algiers (Rossini); Toccata, Bourée and Gigue (Scarlati-Casella). Thou, oh Love, Happy moments, flown for ever (The Marriage of Figaro) (Mozart). Symphony No. 8, in B minor (Unfinished) (Schubert). Overture, Froissart (Elgar). 4.45—Records. 5.15—The Children's Hour. 6.0—"The First News." 6.30 (Regional)—Orchestra (Section E), conducted by Henry Amers. 6.30 (Midland, N. Ireland)—Jack Wilson and his Versatile Five. 6.30 (Northern)—Northern Orchestra. 6.30 (Scottish)—The Barra Players in "Braid Air A'Bhraid." 6.30 (Western)—Studio Orchestra. Clifford Deri (Baritone). 7.0 (Scottish)—"Next week you'll hear. . . ." 7.10 (Scottish)—Topical Talk. 7.20 (Scottish)—Talk by Regional Director. 7.30 (Regional, Midland; N. Ireland)—"From the London Theatre." 7.30 (Northern)—Act I "Carmen" (Bizet). 7.30 (Scottish)—New Light Orchestra. 7.30 (Western)—Powell Duffryn Male Choir. Walter Glynn (Tenor). 7.50 (Regional)—Esther Coleman (Contralto); Herbert Fryer (Pianoforte). 7.50 (Midland)—Wireless Singers. "Elsie Avril (Violin) and Doris Aldridge. 7.50 (N. Ireland)—Records. 8.15 (Western)—Workaday World—11. 8.20 (Northern)—Queer Fish—2. 8.20 (N. Ireland)—Earl Howe, C.B.E.: A review of motor sport. 8.40—"Yellow Sands" (See National, Wednesday, 7.30). 10.0—News Summary. 10.10 (except Scottish)—Dance Records. 10.10 (Scottish)—Reel Players. 10.30-12.0 (Scottish from 10.40; Midland till 11.15)—Harry Roy.

Hours of Transmission in British Summer Time

6 a.m. — 8 a.m.

BERLIN, 6.35—See Hamburg. 8.0—Gym; Records.
 BRESLAU, 6.35—Records; Gym.
 COLOGNE, 7.15—Records; Gym.
 DEUTSCHLANDSENDER, 6.20—Records. 8.0—Band.
 FRANKFURT, 7.0—Records; Gym.
 HAMBURG, 6.35—Orchestra. 8.0—Announcements; Records.
 HUIZEN, 8.40—Bible Reading; Meditation. 8.55—Records.
 KALUNDBORG, 7.0—Gym.. 8.30—Cathedral Service.
 KÖNIGSBERG, 6.35—See Hamburg. 8.0—Prayers; Gym.
 LEIPZIG, 6.35—See Hamburg. 8.0—Gym; Chorals (Bach); Records.
 MUNICH, 7.0—Records. 8.15—Gym.
 PARIS (Poste Parisien), 7.10—Records; News.
 PARIS (Radio-Paris), 6.45—Gym. 7.0—Records; News; Gym; Records.
 PRAGUE, 6.0-7.15—Gym; Music; News.
 STUTTGART, 7.0—Records. 8.15—Gym; For Women.

9 a.m.

BERLIN, 9.30—For Women.
 BRESLAU, 9.0—News. 9.5—Records; Review.
 DEUTSCHLANDSENDER, 9.40—Reading (Brandenburg).
 HILVERSUM, 9.0—Records.
 HUIZEN, 9.0—Records.
 KÖNIGSBERG, 9.0-9.30—French Talk: French Commerce and Banking Houses.
 MUNICH, 9.35—For Housewives. 9.45—Records.

10 a.m.

BERLIN, 10.0—News; Markets. 10.15—"Nettlebeck Saves Colberg"—Scenes from Prussian History (Prugel).
 BEROMÜNSTER, 10.20-10.50—Talk: Handel.
 BRESLAU, 10.15-10.45—"A Germanic Voyage"—Word Pictures (Fronja).
 BUDAPEST (No. 1), 10.20—Topical Talk. 10.45—For Young People.
 COLOGNE, 10.0—News. 10.10—Gym. 10.30—Else Verena-Mann (Soprano), Loges (Baritone), Haas (Pianoforte). 10.55—Records.
 DEUTSCHLANDSENDER, 10.0—News. 10.15—"The Wild Sea"—Pictures of Frisia and Frisians (Busch). 10.45—Gym.
 FRANKFURT, 10.0—News. 10.15—Talk: The Roland Statue in Bremen. 10.45—For Housewives.
 HILVERSUM, 10.0—Records. 10.40—Religious Programme. 10.55—Recitation.
 HUIZEN, 6.0-10.10—Records.
 KALUNDBORG, 10.15—Singing Lesson.
 LEIPZIG, 10.0—Exchange; Announcements. 10.15-10.50—Sequence.
 MUNICH, 10.0—Records.
 PRAGUE, 10.5—News in German. 10.10—Records. 10.30—For Schools.
 STUTTGART, 10.0—News. 10.15—"Alfred Krupp"—Play (Schmalnauer). 10.45—Schumann. Margarete Müller (Contralto); Erika Wilcke (Pianoforte).

11 a.m.

COLOGNE, 11.0—Records. 11.40—For Country Women.
 FRANKFURT, 11.0—Records. 11.30—Announcements; Exchange.
 HAMBURG, 11.0—"Scharnhörf" —Play (Büchmann). 11.30—Niemann Wind Band.
 HILVERSUM, 11.0—Recitation. 11.15—Trios. 11.40—Recitation.
 HUIZEN, 11.0—Protestant Programme. 11.40—Records. 11.55—Dina Grashoff (Pianoforte).
 KALUNDBORG, 11.10—Fish Prices.
 KÖNIGSBERG, 11.30—See Hamburg.
 LEIPZIG, 11.0—Records. 11.30—News.
 MUNICH, 11.0—Markets; Schrammel Trio. In the Interval: News.
 PARIS (Radio-Paris), 11.45—Jewish Talk.
 PRAGUE, 11.0—Records. 11.5—Music Lesson. Station Orchestra and Records. 11.55—For Farmers.
 STUTTGART, 11.0—Schumann (contd. from 10.45). 11.15—Records.
 TURIN, 11.30—Quintet

12 noon

BERLIN, 12.0—See 11.30 Hamburg.
 BEROMÜNSTER, 12.0—Records of

Famous Singers. 12.29—News. 12.40—Orchestra. Conductor: Thoms.
 BRESLAU, 12.0—Orchestra. Conductor: Rischka. Janz (Violin).
 BRUSSELS (No. 1), 12.0—Records of Famous Singers. 12.20—Bertha Braeckman (Recitations). 12.30—Egypt in Music. Radio Orchestra. Conductor: Gason.
 BRUSSELS (No. 2), 12.0—Records. 12.30—Orchestra. Conductor: Walpot.
 BUDAPEST (No. 1), 12.5—Szervanzky Orchestra. In an Interval: News.
 COLOGNE, 12.0—Bonn Chamber Orchestra. Conductor: Schrader. Rhein (Violin); Harnisch (Organ).
 DEUTSCHLANDSENDER, 12.0—See Leipzig.
 FRANKFURT, 12.0—See Stuttgart.
 HAMBURG, 12.0—Shipping. 12.10—Band. (Contd. from 11.30)
 HILVERSUM, 12.0—Recitation. 12.15—Trios. 12.25—Records. 12.55—Kovacs Lajos Orchestra.
 HUIZEN, 12.0—Dina Grashoff (Pianoforte). 12.40—Police Messages. 12.55—Records.
 KALUNDBORG, 12.0—Chimes. 12.5—Thyregod's String Ensemble.



A Dvořák concert is broadcast by Königsberg at 9.0 p.m.

KÖNIGSBERG, 12.0—See 11.30 Hamburg.
 LEIPZIG, 12.0—Dresden Philharmonic. Conductor: Schestak.
 MONTE CENERI, 12.0—Announcements. 12.5—Orchestra and Records. 12.55—News.
 MUNICH, 12.0—Orchestra. Conductor: Böhm.
 PARIS (Poste Parisien), 12.0—Exchange. 12.5—Request. 12.25—Interview. 12.35—Folies-Bergère.
 PARIS (Radio-Paris), 12.0—Jewish Talk. 12.15—Light Orchestra. Conductor: Gaillard. Robert Franc (Songs). Reumont (Horn) and Goube (Oboe).
 PRAGUE, 12.0—For Farmers. 12.10—Records. 12.25—News. 12.35—Orchestra.
 ROME, 12.30—Records.
 SOTTENS, 12.30—News. 12.40—Records.
 STUTTGART, 12.0—Wende's Band.
 TURIN, 12.0—Quintet. 12.45—News.
 WARSAW, 12.5—Trio. 12.50—For Women. 12.55—News.

1 p.m.

ATHLONE, 1.30—Time; Weather; Exchange; Records.
 BERLIN, 1.0—Mid-day Echoes. 1.15—Records.
 BEROMÜNSTER, 1.0—Orchestra. Conductor: Thoms. 1.25—Exchange.
 BRESLAU, 1.0—Orchestra (contd. from 12.0). In the Interval at 1.30: News.
 BRUSSELS (No. 1), 1.0—News. 1.10—Dutch Music. Radio Orchestra. Conductor: Gason. 1.30—Mmc. De Troch (Songs). 1.40—Records.
 BRUSSELS (No. 2), 1.0—News. 1.10—Orchestra. Conductor: Walpot. 1.30—Records.
 BUDAPEST (No. 1), 1.30—Rác Cigány Band.
 COLOGNE, 1.0—News. 1.10—Orchestra (contd. from 12.0).
 DEUTSCHLANDSENDER, 1.0—Greetings. 1.10—See Leipzig. 1.45—News.
 FRANKFURT, 1.0—News. 1.15—See Stuttgart.

HAMBURG, 1.0—Review. 1.10—Light Music.
 HILVERSUM, 1.0—Kovacs Lajos Orchestra.
 HUIZEN, 1.0—Records.
 KALUNDBORG, 1.0—Thyregod's String Ensemble.
 KÖNIGSBERG, 1.5—Records.
 LEIPZIG, 1.0—News. 1.10—Dresden Philharmonic. Conductor: Schestak.
 MONTE CENERI, 1.5—Records.
 MUNICH, 1.0—Orchestra (contd. from 12.0). 1.15—News. 1.25—Records.
 PARIS (Poste Parisien), 1.0—Folies-Bergère. 1.15—Exchange. 1.19—Records.
 PARIS (Radio-Paris), 1.0—Symphony Orchestra (contd. from 12.15). In the Interval at 1.20: News; Exchange.
 PRAGUE, 1.0—Orchestra. 1.35—Labour Exchange. 1.45—Records. 1.55—Exchange.
 ROME, 1.0—Announcements. 1.5—Music Competition. 1.25—Light Music.
 SOTTENS, 1.0—Records.
 STOCKHOLM, 1.0—Norwegian for Schools. 1.30—Chamber Trio.
 STUTTGART, 1.0—News. 1.15—Orchestra. Conductor: Barthelmeus.
 TURIN, 1.0—Announcements. 1.5—Music Competition. 1.25—Trio.
 WARSAW, 1.0—Records: "Halka"—Opera (Moniuszko). 1.50—News. 1.55—Exchange.

2 p.m.

ATHLONE, 2.0—Records.
 BERLIN, 2.0—News. 2.15—Records.
 BRESLAU, 2.5—Exchange; Records; Markets.
 BUDAPEST (No. 1), 2.0—Rác Cigány Band 2.40—Market Report.
 COLOGNE, 2.0—News. 2.15-2.45—Talk with Records: In the Mill.
 DEUTSCHLANDSENDER, 2.0—Variety. 2.55—Announcements; Exchange.
 FRANKFURT, 2.0—See 1.15 Stuttgart.
 HAMBURG, 2.0—Light Music. 2.15—News. 2.30—Records.
 HILVERSUM, 2.0—Kovacs Lajos Orchestra. 2.25—Records. 2.40—Talk.
 HUIZEN, 2.0—Records. 2.10—Greta de Knegt-ter Haar (Soprano); Berkhout (Cello); Rie Beute (Pianoforte).
 KÖNIGSBERG, 2.0—News; Records.
 LEIPZIG, 2.0—News; Exchange. 2.10—Records. 2.50—Reading.
 MUNICH, 2.0—News; Exchange.
 PARIS (Poste Parisien), 2.0—Exchange.
 ROME, 2.0—News; Exchange. 2.15-3.5 (approx.)—Programme for the Mediterranean District. 2.15—Announcements; Giovinazza (Blanc). 2.20—Talk: The National Art Exhibition. 2.25—Talk: The Decline of Turkish Power in the Mediterranean after the Battle of Lepanto. 2.35—Cello and Piano. 2.45—News; Political, Economic and Sports Notes. 2.55—Programme Announcements.
 STOCKHOLM, 2.0—Gym. 2.20—Margit Otto-Wennerstrand (Songs), and John Wennerstrand (Cello).
 STUTTGART, 2.0—Orchestra (contd. from 1.15). 2.15—For Ex-Soldiers.
 TURIN, 2.0—Exchange; Records.

3 p.m.

BERLIN, 3.0—Exchange.
 BEROMÜNSTER, 3.30—Records.
 BRESLAU, 3.10—Loewe Ballads. Rudolph (Baritone). 3.40—Book Review.
 COLOGNE, 3.0—Talk. 3.15—Talk: The Textile and Wood Trades. 3.30—Exchange. 3.50—Topical Talk.
 DEUTSCHLANDSENDER, 3.0—Exchange. 3.15—Children's Songs. 3.40—Book Review.
 FRANKFURT, 3.15—Review of Women's Periodicals. 3.25—"Strange Guests"—Sketch (Biermer). 3.45—Reading.
 HAMBURG, 3.0—Exchange. 3.30—Brazilian Exchange (Records). 3.40—Shipping.
 HILVERSUM, 3.0—Talk (contd. from 2.40). 3.10—Records. 3.45—Carolina Segre (Songs) and Confalonieri (Pianoforte). 3.55—Fashion Talk.
 HUIZEN, 3.0—Soprano, Cello and Pianoforte (contd. from 2.10). In the interval at 3.10: Reading.

KALUNDBORG, 3.0—Radio Orchestra. Conductor: Mahler. In the interval at 3.40 (approx.): Songs from "White Horse Inn" (Stolz-Benatzky), by Kay Abrahamsen.
 KÖNIGSBERG, 3.0—Exchange. 3.10—Handwork for Children. 3.40—Talk.
 LEIPZIG, 3.0-3.10—Reading. 3.45—Exchange.
 MUNICH, 3.0—"The Maid Servant"—Play (Weinberger): Music by Kusche. Conductor: Geissler. 3.40—Reger Reuss. Pauline Fries (Pianoforte).
 PARIS (Poste Parisien), 3.15—Exchange. 3.45—Exchange.
 PARIS (Radio-Paris), 3.45—Exchange.
 PRAGUE, 3.45—Exchange. 3.55—Orchestra.
 ROME, 3.0—Marcia Reale (Gabetti); Giovinazza (Blanc).
 STUTTGART, 3.30—Fairy Play (Beilke).
 WARSAW, 3.45—Orchestra.

4 p.m.

BERLIN, 4.0—"The Beef-Contract"—Play after Mark Twain. 4.30—"Thirty Groschen for your Trouble"—A Play about old Cookery Books and Household Bills (Fritsche).
 BEROMÜNSTER, 4.0—Cornelius-Liszt-Wagner. Radio Orchestra. Conductor: Hofmann. Schweinbacher (Pianoforte).
 BRESLAU, 4.0—Talk: The German Revival. 4.5—Reading. 4.30—Orchestra. Conductor: Rischka. Hildegard Bilke (Soprano), Blume, and Hantke (Tenors), Winkler (Bass).
 BUDAPEST (No. 1), 4.10—For Schools.
 COLOGNE, 4.0—Chopin, Pfitzner, Liszt, Henny Schulte-Schmitz (Contralto), Thielemann (Pianoforte). 4.35—Talk: Early German Dwellings and Temples.
 DEUTSCHLANDSENDER, 4.0—Orchestra. 4.30—See Breslau.
 FRANKFURT, 4.0—Sonata in A minor (Grieg), by Hosemann (Cello), and Kullmann (Pianoforte). 4.30—Travel Talk with Swedish Records: Aland.
 HAMBURG, 4.0—Schubert. 4.30. See Breslau.
 HILVERSUM, 4.0—Fashion Talk (contd. from 3.55). 4.15—Songs and Pianoforte (contd. from 3.45). 4.30—Records. 4.40—Dressmaking.
 HUIZEN, 4.0-4.25—Soprano, Cello and Pianoforte (contd. from 2.10). 4.40—

Organ Recital

by Blaauw.
 KALUNDBORG, 4.0—Radio Orchestra (contd. from 3.0). 4.40—"Under the Sea"—Play after Jules Verne (Rude).
 KÖNIGSBERG, 4.0—Variety. Orchestra. Conductor: Wilcken; Börschel's Band with Hans Jonen.
 LEIPZIG, 4.0—Dialogue: A Winter Journey in the Harz Mountains. 4.30—Talk: Riese. 4.50—Exchange; Brazilian Exchange.
 MONTE CENERI, 4.0—See Beromünster.
 MOSCOW (No. 1), 4.30—Communist Party Programme.
 MUNICH, 4.0—For Farmers. 4.10—Anni Jost (Soprano); Goebel (Bass). 4.40—Reading, "Stage Reminiscences of Klara Ziegler."
 PARIS (Poste Parisien), 4.50—Exchange.
 PRAGUE, 4.0—Orchestra. 4.45—Czech.
 ROME, 4.30—News; Exchange. 4.40—For Children.
 SOTTENS, 4.0—See Beromünster.
 STUTTGART, 4.0—Schubert, 4.30. See Breslau.
 TURIN, 4.30—News. 4.40—For Children.
 WARSAW, 4.0—Orchestra. 4.30—For Children. 4.45—Records: Yehudi Menuhin (Violin).

5 p.m.

BERLIN, 5.0—Orchestra. Conductor: Steiner. Arcari Mandoline Quartet.
 BEROMÜNSTER, 5.0—Schweinbacher (Pianoforte). 5.10—Light Music. Radio Orchestra. Conductor: Neppach.
 BRESLAU, 5.0—Schubert (contd. from 4.30). In the Interval at 5.30: Markets.
 BRUSSELS (No. 1), 5.0—Records with Commentary by De Guide. 5.15—Nineteenth Century Poetry

FRIDAY April 26

with Music by Daisy Gilbert (Recitations) and MarialBoon (Pianoforte). 5.30—Sax Quartet (Swert Haydn).
 BRUSSELS (No. 2), 5.0—Dance Records. 5.30—Pitsch (Cello).
 BUDAPEST (No. 1), 5.0—Seminary Choir. Conductor: Kaudela. 5.45—Sports Notes.
 BUDAPEST (No. 2), 5.10—Talk: New Spanish Literature, 5.50—Chopin. Edit Farnadi (Pianoforte).
 COLOGNE, 5.0—See Berlin.
 DEUTSCHLANDSENDER, 5.0—See 4.30 Breslau. 5.20—For Young People. 5.50—Sports.
 FRANKFURT, 5.0—Concert. Part I: Rimsky-Korsakov, Tchaikovsky. Station Orchestra. Conductor: Hess. Garvens (Violin). Part II: Pre-War Music by the Hauck Band.
 HAMBURG, 5.0—See 4.30 Breslau. 5.30—Literary Programme. 5.45—At Karberg's Studio of Graphic Art.
 HILVERSUM, 5.0—Dressmaking. 5.25—Records. 5.40—For Children.
 HUIZEN, 5.0—Blauuw (Organ). 5.40—v.d. Horst Ensemble.
 KALUNDBORG, 5.0—Play (contd. from 4.40). 5.30—Exchange. 5.45—Talk.
 KÖNIGSBERG, 5.0—Variety (contd. from 4.0). In the Interval: Talk.
 LEIPZIG, 5.0—See Berlin.
 MONTE CENERI, 5.0—6.0. See Beromünster.
 MOSCOW (No. 1), 5.0—Communist Party Programme. 5.30—Talk: Creative Genius in the Red Army.
 MUNICH, 5.0—Orchestra. Conductor: Kloss.
 OSLO, 5.0—Light Music.
 PRAGUE, 5.0—Ondricek Quartet. 5.55—For Farmers.
 ROME, 5.5—Ladies' Choir. Conductor: Maddalena Pacifico. Germano Arnaldi (Pianoforte).
 SOTTENS, 5.0—6.0. See Beromünster.
 STOCKHOLM, 5.5—Accordion Duets. 5.30—Talk: Entrance Examinations. 5.45—Records.
 STUTTGART, 5.0—See 4.30 Breslau. 5.30—Elisabeth Jentsch (Soprano); Jautz (Tenor); Jentsch (Baritone).
 TURIN, 5.5—Ferruzzi Orchestra.
 VIENNA, 5.30—Music for Viola da Gamba and Harpsichord by Beatrice and Irene Reichert.
 WARSAW, 5.0—Talk: Trade Schools. 5.15—Pianoforte. 5.40—For Invalids.

6 p.m.

ATHLONE, 6.0—For Children. 6.45—News.
 BERLIN, 6.0—Orchestra (contd. from 5.0). 6.30—Book Review.
 BEROMÜNSTER, 6.0—For Children. 6.30—Talk: International Finance.
 LEIPZIG, 6.0—Discussion. 6.20—"Fog"—Play (Joachim Strauss). 6.50—Announcements: Markets.
 BRUSSELS (No. 1), 6.0—Talk for Motorists. 6.15—Records. 6.30—Beethoven Sonatas by Brennet (Pianoforte). Sonata in D. Sonata in C minor—the Pathetic.
 BRUSSELS (No. 2), 6.0—Sonata in F (Beethoven) (Records). 6.15—Belgian Music. Conductor: Walpot.
 BUCHAREST, 6.0—News. 6.30—Service.
 BUDAPEST (No. 1), 6.0—Shorthand. 6.25—János Eördögh (Flute). 6.55—Reading.
 BUDAPEST (No. 2), 6.0—Chopin (contd. from 5.50). 6.50—Pataky Jazz Band.
 COLOGNE, 6.0—See 5.0 Berlin. 6.30—For Girls. 6.45—Exchange; Sports.
 DEUTSCHLANDSENDER, 6.5—Dance Records. 6.25—Talk: German Broadcasting. 6.40—Report: The Competition for Wireless Announcers.
 FRANKFURT, 6.0—Concert (contd. from 5.0). 6.30—For Girls. 6.45—Topical Talk. 6.55—Exchange; Announcements.
 HAMBURG, 6.0—"Das Osterfeuer"—Play (Behncken). 6.45—Exchange.
 HILVERSUM, 6.0—For Children. 6.10—Orchestra. Conductor: Wins.
 HUIZEN, 6.0—v.d. Horst Ensemble.
 KALUNDBORG, 6.0—Talk. 6.15—German. 6.45—Announcements.
 KÖNIGSBERG, 6.0—Report from the Dohna Youth Hostel. 6.15—Markets. 6.20—For Gardeners. 6.45—Announcements.

FRIDAY April 26

6 p.m. (contd.)

LEIPZIG, 6.0—Report from Köthen: The Unveiling of the Bach Memorial. 6.15—"In the Moonlight"—Records. 6.35—Talk: New Discoveries in the Geisental District.

MOSCOW (No. 1), 6.0—Talk (contd. from 5.30). 6.30—Artists at the Microphone.

MUNICH, 6.0—Orchestra (contd. from 5.0). 6.30—Sports. 6.50—For Farmers.

OSLO, 6.0—Literary Talk. 6.30—English.

PARIS (Poste Parisien), 6.25—Exchange. 6.30—Theatre Review. 6.37—Overture, "The Flying Dutchman" (Wagner) on Records. 6.50—Talk. 6.57—Ballet, "Etienné Marcel" (Saint-Saëns) on Records.

PARIS (PTT), 6.0—Talk arranged by the International Labour Bureau. 6.10—Talk. 6.30—News.

PARIS (Radio-Paris), 6.0—For Women. Talks; Songs. 6.30—Weather; For Farmers; Exchange; Racing. 6.50—Review of Music and Music Books.

PRAGUE, 6.0—For Farmers. 6.5—For Workers. 6.15—German Transmission: Sports; Talk: Television; For Workers; News. 6.55—Records.

ROME, 6.0—Wheat Prices. 6.10—Religious Address. 6.40—Italian for English beginners.

SOTTENS, 6.0—Concert for Children. 6.40—Dance Music by an Accordian Band.

STOCKHOLM, 6.0—Records. 6.15—Lecture by Prof. Emil Sommarin, from Lund University.

STRASBOURG, 6.0—Talk in German. 6.15—Talk: Aviation. 6.30—Variety by Lucien Weber and Géo Fontex.

STUTTGART, 6.0—For Girls. 6.30—Records.

TURIN, 6.0—For Farmers. 6.35—Notes in Esperanto. 6.40—Italian for English beginners.

VIENNA, 6.0—Sports Report. 6.10—Tourist Report. 6.25—Talk: The Empress Maria Theresa. 6.50—Technical Notes.

WARSAW, 6.0—For Invalids. 6.10—Excerpts, "The Open House"—Comedy (Balucki). 6.30—Announcements. 6.45—Records.

7 p.m.

ATHLONE, 7.0—Talk. 7.15—Talk. 7.30—Station Orchestra. Lyne (Bass-Baritone).

BERLIN, 7.0—See Munich. 7.40—Evening Echoes.

BERGMÜNSTER, 7.0—Announcements. 7.20—French. 7.50—Radio Orchestra. Conductor: Gilbert.

BRESLAU, 7.0—See Munich. 7.40—Wireless Talk on Records.

BRUSSELS (No. 1), 7.0—Wireless Technical Talk. 7.15—Recitations (Baudelaire), by Mlle. Billen. A une Malabaraise. La Beauté. La géante. Recueillement. Le beau navire. A une Madone. 7.30—Legal and Literary Reviews.

BRUSSELS (No. 2), 7.0—Talk: Mountaineering in Austria. 7.15—Orchestra. Conductor: Walpot. Waltz Intermezzo, Lentelust (Hulbroeck). Suite saharienne (Ackermanns). 7.30—Wireless Notes.

BUCHAREST, 7.0—Service (contd. from 6.30).

BUDAPEST (No. 1), 7.0—Reading.

"La Traviata"

—Opera (Verdi) from the Opera, with Maria Németh. In the Intervals: Talks and News.

BUDAPEST (No. 2), 7.0—Pataky Jazz Band. 7.45—Talk.

COLOGNE, 7.0—See Munich. 7.40—Records. 7.50—Snapshots.

DEUTSCHLANDSENDER, 7.0—See Munich. 7.40—Sequence (Records). The 1935 Reich Vocational Competitions.

FRANKFURT, 7.0—See Munich. 7.40—New Records.

HAMBURG, 7.0—See Munich. 7.40 Talk on Records: The Competition for Wireless Announcers.

HILVERSUM, 7.0—Orchestra. Conductor: Wins. 7.15—Walis and his Orchestra. Excerpts, "The Drum Major's Daughter" (Offenbach).

Paysage d'automne (Waldteufel). Excerpt, "Luisa di Montfort" (Bergson). Cupid's Serenade (Netusch) Hand in Hand (Blon). 7.40—Talk.

HUIZEN, 7.0—v.d.Horst Ensemble. 7.10—Report: The Flower Show at Heemstede. 7.40—Police Messages. 7.55—Talk.

KALUNDBORG, 7.0—News. 7.15—Discussion: The Jubilee Exhibition in Naestved. 7.30—Talk: Atoms.

KONIGSBERG, 7.0—See Munich. 7.40—Report: Miller Caspar of Caymen.

LAHTI, 7.5—Symphony Concert from the University. Municipal Orchestra. Conductor: Haapanen. Elli Rängman-Björilin (Pianoforte).

LEIPZIG, 7.0—See Munich. 7.40—Talk on Records: The Competition for Wireless Announcers.

MONTE CENERI, 7.15—Offenbach. Radio Orchestra. Conductor: Leopoldo Casella. Overture, "La belle Héloène." Selection, "The Tales of Hoffmann." Selection, "La vie parisienne." 7.45—News.

MOSCOW, (No. 1), 7.0—Artists at the Microphone.

MUNICH, 7.0—Transmission for all German Stations. May Day Programme. 7.40—Talk on Records: The Competition for Wireless Announcers.

OSLO, 7.0—Announcements. 7.45—Theatre Review.

PARIS (Eiffel Tower), 7.0—News. 7.25—Racing. 7.30—Talks.

PARIS (Poste-Parisien), 7.0—Ballet Records (contd. from 6.57). 7.7—Sports Notes. 7.10—News. 7.25—Amusement Guide. 7.30—"Moonlight"—Records. 7.48—Records.

PARIS (PTT), 7.45—Talk: National Museums. 7.53—Foreign Politics.

PARIS (Radio-Paris), 7.0—Colonial Talk. 7.15—Talk: Economics. 7.28—Assurance Societies' Reports. 7.30—Talk. 7.40—Readings.

PRAGUE, 7.0—News. 7.10—Muzik Quartet. Waltz, "Rund um die Liebe" (Straus). Folk Songs (Maly). Aria, "The Secret" (Smetana).

RADIO-NORMANDIE, 7.0—Request Concert.

ROME, 7.0—News in Foreign Languages. 7.40—News; Service in English; Italian for English Beginners.

SOTTENS, 7.0—Sports and Tourist Notes. 7.10—Violette Viliamy and Maurice Perrin (Pianofortes). Suite brève (Aubert). Jeux de plein air (Tailleferre). Rapsodie française (Florent Schmitt). Sonatine transatlantique (Tansman). 7.40—Talk.

STOCKHOLM, 7.0—Oskar Sjögren (Violin). Siciliana (Handel). Minuet (Milandre-Press). Mazurka (Wienlawski). Slav Dance in E minor (Dvořák-Kreisler). 7.15—News. 7.30—Talk: A Sunday Visit to an Art Museum. 7.50—Concert from the Gustavus Vasa Church. The Radio Orchestra. Conductor: Hellman. Otto Olsson (Organ). Concerto in D minor (Vivaldi). Prelude to the Cantata, "Wir danken Dir, Gott," with Organ Obligato (Bach). Prelude to the Cantata, "Ich hatte viel Bekümmernis," with Oboe Obligato (Bach). Adagio religioso (Elgar). Symphonic Variations (Nicodé). Meditation (Samuel Rousseau). Organ Concerto in A minor (Bossi).

STRASBOURG, 7.0—For Young People. 7.30—News. 7.45—Records.

STUTTGART, 7.0—See Munich. 7.40—Records.

TOULOUSE (Radio-Toulouse), 7.0—Orchestra. 7.10—Songs, Music. 7.30—News. 7.45—Hunting Horns. 7.50—Talk.

TURIN, 7.0—News in Foreign Languages. 7.40—News Service in English; Italian for English Beginners.

VIENNA, 7.0—News; Announcements. 7.30—

Stolz

Vienna Symphony Orchestra with Records. Conductor: Holzer. Kamerad, wir sind die Jugend. Record of Tauber: Im Prater blühen wieder die Bäume. Ave Maria. Du liebes Wien. Record of Jan Kiepura: My heart is calling. Excerpts, "Servus Servus." Record of Marcell Wittrisch: Waltz Song, "White Horse Inn" (Stolz-Benatzky). Pierrot, komm, trag mich nach Hause, "Eine

einige Nacht." Mädi. Record of Martha Eggerth. Ich sing' mein Lied heut' nur für dich. A klane Drahreier, "Das Sperrschelr." Kleines Trompeterlein, grüss Gott, ade. Record of Tauber: Adieu, mein kleiner Garde-Offizier. Pot-pourri (Dostal).

WARSAW, 7.0—Records: Film Songs. 7.7—Announcements. 7.35—Songs. 7.50—Topical Programme.

8 p.m.

ATHLONE, 8.0—Orchestra and Songs (contd. from 7.31). 8.30—Feis Ceoil Concert from Sligo.

BERLIN, 8.0—News. 8.15—See Stuttgart.

BERGMÜNSTER, 8.0—Radio Orchestra. Conductor: Gilbert. 8.15—"Sunshine on Lake Geneva"—Sequence. 8.50—Folk Melodies.

BORDEAUX-LAFAYETTE, 8.0—Spanish. 8.15—News; Records. 8.30—See Paris (PTT).

BRESLAU, 8.0—News. 8.15—See Stuttgart.

BRUSSELS (No. 1), 8.0—Programme for Ex-Soldiers. Station Orchestra. Conductor: Gason; Military Talks; Recitations; Notes.

BRUSSELS (No. 2), 8.0—Chamber Music by the Ad Optima Trio. Trio in C (Mozart). Trio in D (Beethoven). 8.45—Recitations.

BUDAPEST (No. 1), 8.0—"La Traviata"—Opera (Verdi), (contd. from 7.30).

BUDAPEST (No. 2), 8.20—Budapest Concert Orchestra. Conductor: Massimo.

COLOGNE, 8.0—News. 8.15—See Stuttgart.

DEUTSCHLANDSENDER, 8.0—Motto; News. 8.15—See Stuttgart.

FRANKFURT, 8.0—News; Topical Talk. 8.15—See Stuttgart.

HAMBURG, 8.0—News. 8.15—See Stuttgart.

HILVERSUM, 8.0—"The Twinkling Three" (Fibich). Wiegeli (Fliess). 8.10—Walis and his Orchestra. Selection, "Gri-Gri" (Lincke). Vöglein auf dem Zweige (Kling). Zigeuner-sehnsucht (Kling). 8.20—"The Twinkling Three." 8.27—Walis and his Orchestra. 8.37—S.O.S. Messages. 8.40—Talk.

HUIZEN, 8.0—Talk (contd. from 7.55). 8.10—Literary Talk. 8.40—News. 8.45—Amsterdam Volunteers Band. Conductor: van Zaneren. Osman Pasha (Steenebrugge). Overture, Fingal's Cave (Mendelssohn). Ballet Music, "La Gioconda" (Ponchielli). Le rêve passe (Heimert-Krier). Selection, "Aida" (Verdi). Stars and Stripes for ever (Overture). Uncle Sammy (Holzmann). "William Tell" (Rossini). La Housarde (Ganne). Suite, "L'Arlesienne" (Bizet). March (Erp).

KALUNDBORG, 8.1—Records of Jan Kiepura (Tenor). 8.20—Review by Per Knutson. 8.30—"A Day with the Concert Conductor"—One-Act Play with Songs (Gandrup).

KONIGSBERG, 8.0—News. 8.15—See Stuttgart.

LAHTI, 8.0—Symphony Concert (contd. from 7.5). 8.45—News.

LEIPZIG, 8.0—News. 8.15—See Stuttgart.

LYONS (La Doua), 8.0—Talk: Photography. 8.10—Talk for Dentists. 8.20—Talk. 8.30—See Paris (PTT).

MONTE CENERI, 8.0—Request Music by the Radio Orchestra. 8.45—Talk: The League of Nations.

MOSCOW (No. 1), 8.0—Tchaikovsky. Symphony Orchestra. Conductor: Gauk. Prelude and Fugue, Suite No. 1. Arias, "Iolanthe." Italian Caprice.

MUNICH, 8.0—News. 8.15—See Stuttgart.

OSLO, 8.0—Simonsen (Violin). Scherzo (Lalo). Poème (Chausson). 8.30—Reading. 8.55—Norwegian Songs (Arne Haugen).

PARIS (Eiffel Tower), 8.0—Topical Talks. 8.30—Symphony Orchestra. Conductor: Filament. Cantrelle and Ales (Violins), Manouvrier (Flute), Camot (Pianoforte). Grand-maison (Bassoon), and Cousin (Trumpet). Concerto for Two Violins (Bach). Flute: Adagio and Variations, "Asciano" (Saint-Saëns). Pianoforte Concerto in C (Mozart). Bassoon and Orchestra: Solo de concert (Pierne). Trumpet and Orchestra: Hymn (Casadesus). Pianoforte: Rhapsody (Liszt).

PARIS (Poste Parisien), 8.0—Interlude; Talk. 8.10—Exchange. 8.25—"Monsieur et Madame Un Tel"—Comedy in Three Acts (Amiel). 8.55—Exchange.

PARIS (PTT), 8.0—Music Talk: The Symphony. 8.30—Literary and Dramatic Programme.

PARIS (Radio-Paris), 8.0—"Chansonniers." Interval at 8.30: News.

PRAGUE, 8.0—Talk on the following Transmission. 8.5—Czech Philharmonic Orchestra from the Smetana Concert Hall. Conductor:

Malko

RADIO-NORMANDIE, 8.0—Vocal Trio. 8.15—Topical Talk. 8.30—Records.

ROME, 8.0—Records. 8.5—News; Records. 8.30—Announcements; Talk. 8.45—Chamber Music. Minuet and Gigue (Grétry-Mottl). Violin Concerto in E (Bach).

SOTTENS, 8.0—Italian Music. Radio Suisse Romande Orchestra. Conductor: Moser.



Maria Németh, "La Traviata" at Budapest, 7.30 p.m.

STOCKHOLM, 8.0—Concert from the Vasa Church (contd. from 7.50).

STRASBOURG, 8.0—News in German. 8.30—String Quartet and Pogoda (Pianoforte). Cello and Pianoforte Sonata (Marcello). String Quartet (Rabaud). Violin and Pianoforte Sonata (Erb).

STUTTGART, 8.0—News. 8.15—Transmission for all German Stations: "Between Heaven and Earth"—Play about a Painter, an Author, an Artist and a Foundry Worker (Morgner).

TOULOUSE (Radio-Toulouse), 8.0—Talk. 8.15—Medical Talk. 8.30—Orchestra.

TURIN, 8.0—Records. 8.5—News; Talk. 8.45—"La nemica"—Play (Niccodem).

VIENNA, 8.0—Stolz (contd. from 7.30). 8.30—"Speech in Golden"—Comedy in Three Acts (Prochaska).

WARSAW, 8.0—Talk: What to do on Sunday. 8.5—Music Talk. 8.15—Italian Concert. Philharmonic Orchestra. Conductor:

Ferrero

Concerto grosso in D minor (Vivaldi). Baroque (Scarlatti). Suite, Gli uccelli (Respighi). Overture, "La Scaldi di Seta" (Rossini). Nenet e Rintin (Masetti). Torch Dance (Rossini). Toccata and Gigue (Petras). Excerpt, "Romeo and Juliet" (Zandonai). In the Interval: News. 8.55—Talk: Work in Poland.

9 p.m.

ATHLONE, 9.0—Feis Ceoil Concert (contd. from 8.30). 9.30—Variety.

BERLIN, 9.0—Treasures of German Literature and Music.

BERGMÜNSTER, 9.0—News. 9.10 Handel. Radio Orchestra. Conductor: Gilbert. 9.30—Berne String Quartet, with Oboe and Harpsichord (Stotijn).

BORDEAUX-LAFAYETTE, 9.0—See 8.30 Paris (PTT).

BRESLAU, 9.0—Quintet in C minor (Reger), by Ely Ney (Pianoforte) and the Bonn Beethoven Quartet.

BRUSSELS (No. 1), 9.0—For Ex-Servicemen (contd. from 8.0). 9.25—"The One-Eyed Magpie"—One-Act Comedy (Benjamin).

BRUSSELS (No. 2), 9.0—Orchestra. Conductor: Walpot. Segers (Accordion) and Gilman (Piccolo). March, Hands across the Sea (Sousa). Waltz, A toi (Waldteufel). Overture, "Der Bettelstudent" (Millocker). Algerian Scene (Ketelbey). Accordion Solo, Liebesfreud (Kreisler). Selection, "Good News" (de Sylva-Brown). Piccolo Solo, Le nœur blanc (Damaré) Pot-pourri (Noack).

BUDAPEST (No. 1), 9.0—News. 9.10—"La Traviata"—Opera (Verdi) (contd. from 7.30).

BUDAPEST (No. 2), 9.0—Orchestra (contd. from 8.20). 9.20—News.

COLOGNE, 9.0—

"Dances"

Stauch Trio. Norwegian Dances—(Grieg). Gitanerías (Infante). La Zambra and Tango (Arbos). Slav Dances (Dvořák).

DEUTSCHLANDSENDER, 9.0—See Frankfurt.

FRANKFURT, 9.0—Figures of History in Opera. Literary and Musical Programme. Station Orchestra and Soloists. Conductor and Speaker: Rosbaud. Wilhelm Friedemann Bach, Boccaccio, Prince Eugene, Paganini, Goethe, and Schubert.

HAMBURG, 9.0—See Munich.

HILVERSUM, 9.0—Talk. 9.10—Sonata in C Minor (Saint-Saëns). Mlle. Bosmans (Pianoforte) and Boomkamp (Cello). 9.40—Talk.

HUIZEN, 9.0—Band (contd. from 8.45). In the interval at 9.25: Recitations.

KALUNDBORG, 9.0—Rondos in D and A (Mozart) by Folmer Jensen (Pianoforte). 9.15—See Stockholm. 9.45—News.

KONIGSBERG, 9.0—

Dvořák

Danzig State Theatre Orchestra. Conductor: Seidler. Schwamberger (Cello). Fourth Symphony in G. Cello Concerto in B minor.

LEIPZIG, 9.0—Eighth Symphony in C minor (Bruckner), by the Leipzig Symphony Orchestra. Conductor: Weisbach.

LYONS (La Doua), 9.0—See 8.30 Paris (PTT).

MONTE CENERI, 9.0—Records.

MOSCOW (No. 1), 9.0—Czech Programme: (a) May Day in Tsarist Russia, (b) Letter-Box.

MUNICH, 9.0—Marches (Fürst), by a Military Band, the Composer conducting.

OSLO, 9.0—Norwegian Songs (Arne Haugen). 9.15—See Stockholm. 9.40—News.

PARIS (Eiffel Tower), 9.0—Orchestra and Soloists (contd. from 8.30). In the Interval at 9.15: News.

PARIS (Poste Parisien), 9.0—Comedy (Amiel) (contd. from 8.25).

PARIS (PTT), 9.0—Literary and Dramatic Programme (contd. from 8.30).

PARIS (Radio-Paris), 9.0—Songs. In the Interval at 9.15: News: Dietetics.

PRAGUE, 9.0—Czech Philharmonic Orchestra (contd. from 8.5).

RADIO-NORMANDIE, 9.0—Variety. Choir and Soloists. Variety concert.

ROME, 9.0—Chamber Music (contd. from 8.45). 9.30—"Christopher Columbus"—One-Act Play (Di San Secondo).

SOTTENS, 9.0—Italian Music (contd. from 8.0). 9.25—Sine Nomine Choir, from the Conference Hall, Neuchâtel. Four Songs for Mixed Choir (Hindemith). Ladies Choir: (a) Amazonas (Ferroud), (b) Aviatrices (Ferroud), (c) Ode to Music (Chabrier). Mixed Choir: La bataille de Marignan (Jannequin).

STOCKHOLM, 9.0—Concert from the Gustavus Vasa Church (contd. from 7.50). 9.15—Talk on Disarmament by the Norwegian Delegate. Dr. Lange, from the International Unity Meeting. 9.45—News.

STRASBOURG, 9.0—String Quartet and Pianoforte (contd. from 8.30). 9.50—News.

STUTTGART, 9.0—Variety from Sigmaringen. Wende's Band, Annetarie Banzhaf, Lämmle, Müller, Nothelfer and Struve.

9 p.m. (contd.)

TOULOUSE (Radio-Toulouse), 9.0.—Concert Version, "Mirella" — Opera (Gounod), 9.50—Orchestra. TURIN, 9.0.—Play (Niccodem) (contd. from 8.45). 9.15—Hungarian Folk Music. Conductor: Petrallia. 9.45 — "Checkmate"—One-Act Play (Censato). VIENNA, 9.0.—"Speech Is Golden" —Comedy (contd. from 8.30). WARSAW, 9.0.—Italian Concert (contd. from 8.15).

10 p.m.

ATHLONE, 10.0—Variety. 10.30—Time; News. 10.40—Thomas Kent Pipe Band. BERLIN, 10.0—News; Sports. 10.30 —Talk: The Olympia of To-day. BEROMÜNSTER, 10.0-10.15—Berne String Quartet. BORDEAUX-LAFAYETTE, 10.0—Sec 8.30 Paris (PTT). BRATISLAVA, 10.15—News in Hungarian. 10.30—Records. BRESLAU, 10.0—News; Sports. 10.25—Station Dance Band. Conductor: Lempert. BRUSSELS (No. 1), 10.0—News. 10.10—Request Records. 10.25—"Why not" Dance Orchestra. BRUSSELS (No. 2), 10.0—News. 10.10—Dance Music. BUDAPEST (No. 1), 10.0—"La Traviata"—Opera (contd. from 7.30). 10.35—Jenő Farkas Cigány Band from the Café Baross. COLOGNE, 10.0—News. 10.20—Theatre Review. DEUTSCHLANDSENDER, 10.0—News; Sports. FRANKFURT, 10.0—News; Sports. 10.15—Balakirev and Liapunov Songs to Text of Lermontov and Pushkin, by Anton Knoll (Tenor). Songs (Balakirev): (a) A Dream, (b) Song, (c) Mysteriously the Visor hid. Songs (Liapunov): (a) The Star, (b) The Statue of Tsarskoc Selo, (c) Late Blossoms, (d) The Three Fountains. 10.30—Sports Review. HAMBURG, 10.0—News. 10.25—Musical Programme.

HILVERSUM, 10.0—Talk (contd. from 9.40). 10.10—Sonata in A (Beethoven); Mlle Bosmans (Pianoforte); Boskamp (Cello). 10.40 —Church Notes; Press Review. 10.55—Reading. HUIZEN, 10.0—Band (contd. from 8.45). 10.40—News. 10.45—Records. KALUNDBORG, 10.0—J. P. E. Hartmann Ballet Music. Radio Orchestra. Conductor: Gröndahl, Ballet Music from "A Folk Tale," "The Valkyrie," "Thyrmskviden." KÖNIGSBERG, 10.0—Dvořák (contd. from 9.0). 10.15—News; Sports. 10.30—Folk Music. Kahrau Mandoline and Guitar Club. Conductor: Lenzing, Elbe (Songs to the Lute). Grünwald (Zither and Viola d'amore). LEIPZIG, 10.0—Symphony (Brückner) (contd. from 9.0). 10.20—News; Sports. 10.40—Light Music. LYONS (La Doua), 10.0—Sec 8.30 Paris (PTT). 10.30—News. MOSCOW (No. 1), 10.5—English Talks: (a) The Soviet Family, (b) With an Underground Railway Engineer. MUNICH, 10.0—News; Exchange; Sports. 10.20—Interlude. OSLO, 10.0—Topical Talk. 10.15—To be announced. PARIS (Poste Parisien), 10.0—Comedy (Amiel) (contd. from 8.25). 10.30—Records. 10.55—Exchange. PARIS (PTT), 10.0—Literary and Dramatic Programme. 10.30—News. PARIS (Radio-Paris), 10.30—Light Music. Pascal Orchestra. PRAGUE, 10.0—News. 10.15—Records. 10.30—Russian News. RADIO-NORMANDIE, 10.0—Variety (contd. from 9.0). REYKJAVIK, 10.0—News. 10.30—Variety. ROME, 10.0—Violin Concerto in D (Tchaikovsky), by Gioconda De Vito and Orchestra. 10.15—Light Music. SOTTENS, 10.0-10.15—Choir (contd. from 9.25). STOCKHOLM, 10.0—Septiman Orchestra. Country Suite (Gyldmark). Summer Morning (Högge). Dances, "The Bartered Bride" (Smetana). Duets, "Härvard Harpoiekare"

(Atterberg). Chant sans paroles (Tchaikovsky). Waltz (Tchaikovsky). Walter's Prize Song, "The Mastersingers" (Wagner). Alvsborg Melodies (Löfgren). STRASBOURG, 10.0—Orchestra. Conductor: Théodore. Waltz, Blumen der Liebe (Rust). Bizet Potpourri (Side). Narzissemädel (Side). Viennese Potpourri, Von Wien durch die Welt (Hruby). Russian Dance, Clair de lune (arr. Leopold). STUTTGART, 10.0—News; Sports. 10.30—Dance Records. TOULOUSE (Radio-Toulouse), 10.0—"Au caveau de dix heures"—Fantasy. 10.10—Excerpts, "Phi-Phi" (Christiné). 10.15—News. 10.30—"Jealousy"—Radio Fantasy. TURIN, 10.0—Comedy (contd. from 9.45). Light Music. VIENNA, 10.0—News. 10.10 —Opus Quartet. Minuet (Pauspertl). German Dance (von Dittersdorf). Wenn der Walzer wieder klingt (Neuroth). Biedermeierwalzer (Führich). Die kleine Marquise (Wacek). Schlafwandel (Ernst Stolz). German Dances (Schubert). Frauenherz (Strauss). Folk Song (Kornzák). Rebengeister (Tautenhayn). Lagunenwalzer (Strauss). Neufünfhauser-Marsch. WARSAW, 10.0—Italian Concert (contd. from 8.15). 10.30—Recitation: Chopin in Poetry. 12.45—Talk: The Psychology of Man and of Woman.

COLOGNE, 11.0 — Beethoven, Brahms, Mozart, Schubert. Small Station Orchestra. Conductor: Eysoldt. Overture, "Il Seraglio" (Mozart). Liebeslieder-Walzer (Brahms). Ballet Music, "Prometheus" (Beethoven). Für Elise (Beethoven-Mausz). Minuet in G (Beethoven). Impromptu in A flat (Schubert). Two Slow Waltzes (Schubert-Mausz). Moment musical (Schubert). Turkish March (Mozart). Hungarian Dances (Brahms). DEUTSCHLANDSENDER, 11.0—Joost Dance Band. FRANKFURT, 11.0 — Variety. HAMBURG, 11.0—Orchestra from the Deutsches Haus, Flensburg. Conductor, Röder. Schuster (Pianoforte). Overture, "Francesca da Rimini" (Goetz). Pianoforte Pieces (Reger): (a) Humoresque, (b) Waltz, (c) Humoresque, (d) Gigue. Pianoforte: Kinderscherz (Mussorgsky). Symphonic Poem, Tasso (Liszt). Pianoforte: (a) Poissons d'or (Debussy), (b) Rainbow Trout (Scott). Kaiserwalzer (Strauss). HILVERSUM, 11.0—Reading (contd. from 10.55). 11.40—Records. HUIZEN, 11.0—Records. KALUNDBORG, 11.0—Dance Music. KÖNIGSBERG, 11.0—Folk Music (contd. from 10.30). LEIPZIG, 11.0—See Deutschlandsender. MADRID (EAJT), 11.0—Chimes. 11.5—News. 11.30—Theatre Relay. MOSCOW (No. 1), 11.5—German Programme, (a) Kirsch Anniversary Programme, (b) Sports. MUNICH, 11.0—Schwarz Dance Band with Waltraud Erich and Fassler. PARIS (Radio-Paris), 11.0—Light Music. RADIO-NORMANDIE, 11.0—Records. REYKJAVIK, 11.0—Variety. ROME, 11.0—News. STUTTGART, 11.0—See Hamburg. TOULOUSE (Radio - Toulouse), 11.0—Light Music. TURIN, 11.0—News. 11.10—News in Spanish. VIENNA, 11.0 — Quartet (contd. from 10.10). 11.10—Talk in French: Holidays in Austria. 11.20—

FRIDAY April 26

Announcements, 11.35—Pauscher's Jazz Band with Nagel (Refrains). WARSAW, 11.5—Light Music and Dance Music.

12 midnight

BARCELONA, 12.0—Toldrá Sextet. BERLIN, 12.0—Fenske Band. BUDAPEST (No. 1), 12.5—News. DEUTSCHLANDSENDER, 12.0—12.30—Joost Dance Band. FRANKFURT, 12.0—See Stuttgart. HILVERSUM, 12.0-12.40—Records. HUIZEN, 12.0-12.10—Records. KALUNDBORG, 12.0—Chimes. 12.5—12.30—Dance Music. MADRID (EAJT), 12.0 — Theatre Relay (contd. from 11.30). 12.45—News. RADIO-NORMANDIE, 12.0—Dance Music. STUTTGART, 12.0 — Pforzheim Symphony Orchestra from Pforzheim. Conductor: Leger. Kuntzsch (Pianoforte). Overture, "Alphonso and Estrella" (Schubert). Pianoforte Concerto (Kuntzsch), by the Composer. Selection, "Der Evangelimann" (Kienzl). Overture, "Peter Schmolli" (Weber). Selection, "Undine" (Lortzing). Overture, "Der Operball" (Heuberger). Lagunenwalzer (Strauss). TOULOUSE (Radio - Toulouse), 12.0 —Opera Music. 12.15—News. 12.20-12.30—Band. VIENNA, 12.0 — Pauscher Jazz Band with Nagel (Refrains).

1 a.m. (Saturday)

BARCELONA, 1.0—Toldrá Sextet. FRANKFURT, 1.0—See 12.0—Stuttgart. MADRID (EAJT), 1.0—Theatre Relay (contd. from 11.30). RADIO-NORMANDIE, 1.0—News. 1.10—Dance Music. STUTTGART, 1.0—Orchestra (contd. from 12.0).

11 p.m.

BARCELONA, 11.0—News. 11.15—Toldrá Sextet. BERLIN, 11.0—Station. Orchestra. Conductor: Rohr. Hedwig Fassbaender (Violin). Symphony in D—"The Clock (Haydn). Violin Concerto in A minor (Peter Fassbaender). Overture, "Der Freischütz" (Weber). BRESLAU, 11.0—Station Dance Band. Conductor: Lempert. BUDAPEST (No. 1), 11.0—Talk in English by Dr. Arthur Yolland: The International University Games, 1935. 11.20—Farkas Cigány Band.

NATIONAL

For Time Signals, see Monday 10.15 a.m. (Droitwich)—Service. 10.30 (Droitwich)—Weather forecast. 10.45—"Kings and Parliaments." Captain H. Balfour, M.C., M.P. 11.0—Records. 11.45—B.B.C. Northern Orchestra. Alfred M. Wall (Violin). 1.0 p.m. (Droitwich)—Commodore Grand Orchestra. 2.0—Belfast Wireless Orchestra. Corlette Burlesque (Chabrier). Overture, Vanity Fair (Fletcher). Petite Suite (Debussy). Cavalry Trot (Rubinstein). 2.30—The Cup Final. West Bromwich Albion v. Sheffield Wednesday. Commentary by George F. Allison, relayed from Wembley. 4.50 (Droitwich)—"Six Hours Back." A relay from America. 5.15—Ambrose and his Embassy Club Orchestra. 6.0—"The First News." 6.25—Interlude. 6.30—Sports Talk: "Cricket. Bats in the making." R. Woodroffe. 6.45 (Droitwich)—Welsh Interlude: T. Gwynn Jones, M.A. 6.45 (except Droitwich)—Winifred Kennard (Soprano) 7.0—"In Town To-night." 7.30—The Railway Clearing House Male Choir. Megan Foster (Soprano). Ernest Butcher (Baritone). Ernest Lush (Pianoforte). Conductor, Stanford Robinson. 8.0—Music Hall: Aileen Stanley. Murray Ashford and Edgar Sawyer. The Four Harmony Kings. Jenny Howard. Variety Orchestra. 9.30—"The Second News." 10.0—The Wireless Military Band. Conductor, B. Walton O'Donnell. Tom Kinniburgh (Bass-Baritone). Band: March, H. M. Jollies (Alford); Overture, Ruy Blas (Mendelssohn). Tom Kinniburgh: The Song of Musterworth (Baynon); Ho, Jolly Jenkin (Sullivan). Band: Four Spanish Dances, Op. 21 (Moszkowski). Tom Kinniburgh: The Last Call (Sanderson); Callao (Graham); The Coming Home (Hope). Band: Mock Morris (Grainger); Minuet, My Lady Lavender (Peter); The Gipsy Rondo (Haydn). 11.0-12.0 (Droitwich)—Henry Hall's Guest Night, with the B.B.C. Dance Orchestra.

REGIONAL

For Time Signals, see Monday 10.15-10.45 a.m. (except Midland)—Droitwich. 10.45—The Scottish Studio Orchestra. 11.45—Cinema Organ (Sidney Gustard). 12.15 p.m.—Dance Records. 1.0-2.0 (except Midland)—Droitwich. 2.0—Belfast Wireless Orchestra. 3.0—Cinema Organ. 3.30—B.B.C. Midland Orchestra. Oswald Rogers (Baritone). 4.50-5.15 (ex. Midland)—Droitwich. 5.15—The Children's Hour. 6.0—"The First News." 6.30 (Regional, Scottish)—Central Band of H.M. Royal Air Force. Newton Lees (Baritone). 6.30 (Midland)—Berensca Orchestra. 6.30 (Northern)—Novelty Quintet. 6.30 (Western)—Records. 6.30 (N. Ireland)—Coming Events. 6.45 (Northern)—Zachariah Briggs. 6.45 (Western)—See Droitwich. 6.45 (N. Ireland)—Echoes of Ulster. 7.0 (Northern)—Quintet (contd.). 7.0 (Western)—Pageant of Wales. 7.0 (Northern Ireland)—Records. 7.15 (Midland)—Variety. 7.30 (Regional, Northern, N. Ireland)—Microphone Tour—6. "The Tyne." 7.30 (Scottish)—Amy Samuel (Soprano); T. A. Carter (Violin). 8.0 (Midland)—Birmingham Ladies' String Quartet. Eda Kersey (Violin). Margaret Ablethorpe (Pfte). 8.0 (Scottish)—Hamilton Academicals v. Rangers. 8.0 (Western)—"Bath and the Beau." 8.10 (Scottish)—Studio Orchestra. 8.15 (Regional)—Scheherazade (Rimsky-Korsakov). Orchestra (D). 8.15 (Northern)—Northern Orchestra. 8.15 (N. Ireland)—Concert. 8.45 (Scottish)—Week in Scotland. 8.45 (Western)—Records. 9.0—American Half-Hour—4. 9.30 (Regional, Midland, Scottish)—England v. Hamilton Tigers (Ice-Hockey). 9.30 (Northern)—Isobel Baillie (Soprano); Charles Collier (Harp). 9.30 (Western)—William Parsons (Bass-Baritone); Joan Foulter (Pfte). 9.30 (N. Ireland)—Wireless Orchestra. 10.0—News Summary. 10.10 (Midland from 10.30)—B.B.C. Dance Orchestra. 10.10 (Midland)—Football Talk. 10.40—Dance Records. 11.0-12.0 (ex. Midland)—Guest Night.

SATURDAY April 27

PRINCIPALEVENTS

SYMPHONY CONCERTS

P.M. 9.0 Warsaw; Scandinavian programme. LIGHT CONCERTS 12.15 Radio-Paris: Light orchestral. 4.0 Cologne: Orchestra, band, songs. 5.0 Strasbourg: Orchestra, pianoforte. 6.30 Huizen: Light orchestral. 6.30 Regional: R.A.F. Band. 7.0 Frankfurt: Marches. 7.20 Beromünster: Festival music. 8.0 Brussels 1, 2; Opening Exhibition Concert. 8.10 Cologne: Variety Concert. 8.15 Poste Parisien: Light Orchestra. 8.15 Regional: Rimsky-Korsakov. 8.15 Stuttgart: Springtime programme. 8.30 Athlone: Variety concert. 8.30 Paris (PTT): National orchestra. 8.50 Bratislava, Prague: Operetta music. 9.0 Kalundborg: Choir and orchestra. 9.0 Stockholm: Old Dance music. 9.10 Hilversum: Popular programme. 9.10 Leipzig: "Der zufriedengestellte Aeolus" (Bach). 10.0 National: Wireless Military Band. 10.0 Radio-Normandie: Request records. 10.50 Budapest 1: Light orchestral. OPERAS 9.0 Rome: "Castor and Pollux" (Rameau). 10.10 Brussels 2: "Patience" (Sullivan), records. OPERETTAS 4.55 Huizen: A children's operetta. 7.45 Vienna: "The Bayadère" (Kálmán). 8.0 Radio-Paris: "Paris", "Chonchette" (Terrasse). 8.10 Munich: "Frühlingsluft" (Strauss Melodies). 8.30 Strasbourg: "The Nürnberg Doll." 8.45 Turin: "Le roi de chez Maxim."

CHAMBER MUSIC

4.45 Warsaw: Quartet (Boccherini). 7.50 Kalundborg: Trio (Kuhla). 8.20 Beromünster: Lener Quartet records. RECITALS 3.45 Warsaw: Violin. 5.50 Brno: Chopin. 6.15 Strasbourg: Songs. 6.20 Königsberg: Contemporary organ music. 7.15 Königsberg: Songs and ballads. 7.35 Warsaw: Pianoforte, Debussy Preludes PLAYS 6.15 Berlin: "Have you change for a Million?" (After Mark Twain). 8.30 Eiffel Tower: "Voix libres" (Larronde). TALKS P.M. 7.30 Stockholm: "In a Russian Cloister." LANGUAGE LESSONS 6.15, Kalundborg: French; 6.30, Sottens: English; 6.45, Strasbourg: French; 7.0, Athlone: Irish; 7.45, Bordeaux-Lafayette: English. DANCE MUSIC 5.0 Brussels 1; 9.0, Poste Parisien; 9.10, Beromünster; 10.0, Budapest 1, Stockholm; 10.10, Brussels 1, Regional; Vienna; 10.15, Sottens; 10.30, Frankfurt, Paris (PTT), Radio-Paris; 10.40, Strasbourg; 11.0, Deutschlandsender, Kalundborg, National; 11.5, Warsaw; 11.15, Vienna; 12.30, Berlin. 1.10, Radio-Normandie. MISCELLANEOUS 2.30 Athlone, National: Cup Final. 8.15 Hamburg: Variety Evening. 8.30 National: Music Hall. 9.0 Brussels 1: Speeches at the Opening of the Exhibition (records). 9.20 Sottens: Cabaret. 10.0 Kalundborg: Cabaret.

SATURDAY April 27

Hours of Transmission in British Summer Time

5 a.m.—8 a.m.

BERLIN, 5.30—Hymn; Records. 6.0—Gym. 6.15—Meditation. 6.30—Weather. 6.35-8.0—See Königsberg. 8.0—Gym. 8.35—For Girls.

BRESLAU, 5.0—Records. 6.0—Weather; Gym. 6.25—Motto; Hymn. 6.35-9.0—Band.

COLOGNE, 6.0—Records. 6.45—Gym. 7.0—Weather; Hymn. 7.15-8.30—Band from Breslau. In the Interval at 8.0: Water Level. 8.30—Weather; Gym. 8.50—For Women.

DEUTSCHLANDSENDER, 6.0—Chimes; Motto; Hymn. 6.5—Gym. 6.20—Records. 8.0—Herbert Fröhlich Band.

FRANKFURT, 6.0—For Farmers. 6.15—Gym. 6.50—Weather. 6.55—Motto; Hymn. 7.0-8.15—See Munich. 8.15—Water Level; Weather; Gym.

HAMBURG, 6.0—Weather; Markets. 6.15—Gym. 6.30—Weather. 6.35-8.0—See Königsberg. 8.0—For Housewives. 8.15—Announcements; Records.

HILVERSUM, 8.40—V.A.R.A. Orchestra. Conductor: de Groot.

HUIZEN, 8.40—Records.

KALUNDBORG, 7.0—Gym. 8.30—Service from Copenhagen Cathedral.

KÖNIGSBERG, 6.15—Gym. 6.35—Band. 8.0—Prayers. 8.30—Gym.

LEIPZIG, 5.50—For Farmers. 6.0—Gym. 6.15—Records. 6.35-8.0—See Königsberg. 8.0—Gym. 8.20—Records.

MUNICH, 6.40—Gym. 6.55—Motto. 7.0-8.15—Orchestral Records. 8.15—Gym.

PARIS (Poste Parisien), 7.10—Fanfare; Records. In the Intervals at 7.30 and 8.20: Press Review; Weather; and at 8.45—Dietetics.

PARIS (Radio-Paris), 6.45—Gym. 7.0—Records. 7.15—Press Review. 7.45—Gym. 8.0—Records.

PRAGUE, 6.0-7.15—Gym; Music; News.

STUTTGART, 5.0—For Farmers; Weather. 6.10—Hymn; Motto. 6.15—Gym. 6.30—Weather. 6.35—Gym. 7.0-8.15—See Munich. 8.15—Gym. 8.35—Records. 8.50—Weather; Water Level.

9 a.m.

BERLIN, 9.40—Gym.

DEUTSCHLANDSENDER, 9.40—Sports Talk.

FRANKFURT, 9.0—News. 9.15—Aennle Stadler-Baumbach (Contralto), Heinrich Maurer (Tenor), Rudolf Dreпка (Baritone), and Hermann Sommer (Pianoforte).

HILVERSUM, 9.0—Orchestra (contd. from 8.40). 9.40—Records.

HUIZEN, 9.0—Records.

LEIPZIG, 9.0—For Schools, from Halle.

MUNICH, 9.45—Records.

PARIS (Poste Parisien), 9.0—Records.

PRAGUE, 9.50—News.

10 a.m.

BERLIN, 10.0—News; Markets. 10.30—Records.

BRNO, 10.15—Dance Music.

BRUSSELS (No. 1), 10.50—Brussels Universal Exhibition, Opening Ceremony.

BUDAPEST (No. 1), 10.20—Talk: Mongolia. 10.45—Talk: The Sunday Programme.

COLOGNE, 10.0—News; Water Level. 10.10—For Children. 10.30—Topical Talks, with Musical Interludes.

DEUTSCHLANDSENDER, 10.0—News. 10.15—"The Sleeping Beauty"—Fairy Play (Records).

FRANKFURT, 10.0—News.

HAMBURG, 10.50—News.

HILVERSUM, 10.0—Records. 10.40—Religious Programme. 10.55—Variety.

HUIZEN, 10.40—Records.

KÖNIGSBERG, 10.40—News.

LEIPZIG, 10.0—Weather; Water Level; Economic and Programme Notes.

LYONS (La Doua), 10.30—Records of Mozart Music. Overture, "Figaro." Overture, "Il Scraglio." Air, "Figaro." Aria, "Don Giovanni." Overture and Chorus, "The Magic Flute."

MUNICH, 10.0—Records.

PRAGUE, 10.0—News. 10.5—News in German. 10.10—Record. 10.15—See Brno. 10.50—Talk.

RADIO-NORMANDIE, 10.0—Symphony Orchestra. Kaiserwalzer (Strauss). Sorgenfrei (Strauss). Le rouet d'Omphale (Saint-Saëns).

Selection, (a) "The Thieving Magpie" (Rossini). (b) "La Gioconda" (Ponchielli). (c) "Sicilian Vespers" (Verdi). Polovtsian Dances (Borodin). Selection, "The Bartered Bride" (Smetana). Aquarellen Walzer (Strauss). Selection, "L'Arlésienne" (Bizet).

ROME, 10.30-10.50—Gym for Schools.

STRASBOURG, 10.45—Exchange; Records.

STUTTGART, 10.0—News. 10.15—For Schools. 10.45—Heinrich Neal Music by Annegrete Paula Jessburger (Pianoforte) and Karlfritz Stierle (Violin).

TURIN, 10.30—See Rome.

11 a.m.

BERLIN, 11.5—Weather.

BRESLAU, 11.0-11.15—For Children. 11.30—News.

10.50 a.m. Brussels No. 1

THE EXHIBITION

A broadcast commentary of the Opening Ceremony,

by M. Théo Fleischman, and Address by

H.M. THE KING

11.0 a.m. Brussels No. 2. Commentary by

M. Frans Dirickz

BRUSSELS (No. 2), 11.0—Opening of the Brussels Exhibition. 11.50—Record. 11.57—Weather.

BORDEAUX-LAFAYETTE, 11.0—Orchestra.

COLOGNE, 11.0—Talks (contd. from 10.30). 11.20—Sports Talk. 11.30—Concert.

DEUTSCHLANDSENDER, 11.0—For Children. 11.15—Weather. 11.30—Discussion: Science. 11.40—For Farmers.

FRANKFURT, 11.0—Concert. 11.30—Programme and Economic Notes; Weather. 11.45—Announcements.

HAMBURG, 11.0—Spring Songs for Schools. 11.30—See Königsberg.

HILVERSUM, 11.0—Variety (contd. from 10.55).

HUIZEN, 11.0—Records. 11.10—Concert. 11.40—Records.

KALUNDBORG, 11.10—Fish Markets. 11.15—For Schools; Talk on Brazil.

KÖNIGSBERG, 11.5—Talk. 11.30—Small Station Orchestra. Conductor: Wilcken. March, The Star Spangled Banner (Sousa). Waltz, Grillenbanner (Strauss). Suite, In a Fairy Realm (Ketelbey). Overture, "Der Göttergatte" (Lehár). Selection, "Halka" (Moniuszko). Salamanca (Grit). Amina (Lincke). Frauenliebe (Fahrbach). Eine Frau von Format (Krauss). Gallop, Ausser Atem (Faust). 11.55—Weather.

LEIPZIG, 11.0—Announcements; Records. 11.30—News. 11.45—For Farmers.

LYONS (La Doua), 11.0—Orchestra.

MUNICH, 11.0—For Farmers. 11.5—Josef Schwarz (Bandonion); (News and Talk for Farmers).

PARIS (PTT), 11.0—Orchestra. 11.45—Tourist Report.

PRAGUE, 11.0—Records and Band from Moravská-Ostrava. 11.55—Exchange; Weather.

RADIO-NORMANDIE, 11.0—Chansonnettes.

STRASBOURG, 11.0—Orchestra.

STUTTGART, 11.0—Trio Sonata in E flat (Bach); by Anselm Homann (Orgán). 11.15—Concert.

TURIN, 11.30—Malatesta Orchestra. Suite, "Much ado about Nothing" (Korngold). Nocturne (Martucci). Selection, "Idillio" (Spaggiari). Clematidi (Dal Pozzo). Scherzo from the Second Symphony (Bruckner). Spring Suite (Nevin-Atok). Desert Caravan (Lattuada). An den Frühling (Grieg). Evening Calm (Frederiksen). Romance sans paroles (Dubois). Persian Dance from "Khovanstchina" (Mussorgsky).

VIENNA, 11.30—Report of the Opening of the Austrian Music Day, from the Ministry of Education.

12 noon

BERLIN, 12.0—See 11.30 Königsberg.

BEROMÜNSTER, 12.0—Wind Band and Xylophone Music (Records). 12.29—News. 12.40—Records of Dance and Sound-Film Music.

BORDEAUX-LAFAYETTE, 12.0—News; Records. 12.15—Orchestra. Conductor: Guitraud. Overture, "Les Dragons de Villars" (Mailart). Overture, "Haydée" (Auber-Tavan). Je suis comme ça (Gilbert). Waltz, Suite, "Die geschiedene Frau" (Fall). Menuet guillier (Fralpucchi). Etoile polaire (Waldteufel). Selection, "The Dance of the Dragonflies" (Lehár). Selection, "L'eau à la bouche" (Parès and van Parys). Lise et Lucas (Mouton). Petite Piece Louis XV (Lidix). Valse en sourdine (Ackermans). Contes et fantaisies (Chavarrí).

BRESLAU, 12.0—Small Station Orchestra. Conductor: Topitz. Krömer (Violin). March, Dem Lenz entgegen (Blankenburg). Overture, "Masaniello" (Auber). Selection, "The Barber of Seville" (Rossini). Scènes gitanes (Bizet).

12.5—Radio Orchestra. Conductor: Herschel. March, In an aeroplane (von Blon). Waltz, Brune ou blonde (Waldteufel). Serenade, Baci al buio (De Micheli). Melody (Rubinstein). Intermezzo, Anita (Siede). Selection, "The Gipsy Baron" (Strauss). Song, April (Tosti). Intermezzo (Piltz). In the Interval at 12.29: Weather. 12.55—News.

MUNICH, 12.0—Records.

PARIS (Poste Parisien), 12.0—Exchange. 12.5—New Records. 12.25—An Interview. 12.35—Station Orchestra. Overture, "Pique dame" (Suppé). Waltz, Les roses (Metra). Czardas (Michiels). Danza Gitana (Granados). Danza Aragonesa (Granados). Ballet égyptien (Luigini). Overture, "Piccolino" (Guiraud). Romance for Violin (Honegger). Dance of the Hours, "La Gioconda" (Ponchielli). Excerpts, "La Vierge" (Massenet). Gopak (Mussorgsky). Selection, "Samson and Delilah" (Saint-Saëns). Selection, "La Czarine" (Ganne).

PARIS (PTT), 12.15—See Bordeaux-Lafayette.

PARIS (Radio-Paris), 12.15—Light Orchestral Music. Conductor: Jean Doyen. Overture, To the story of the Lovely Melusina (Mendelssohn). Selection, "Philemon et Baucis" (Gounod). Ballet, "Bacchus" (Massenet). Gavotte (Gossec). Allegro vivace (Dvořák). L'Étoile (Chabrier). Air de danse (Penaud-Cadou). Ronde (Desportes). Pastorale joyeuse (Desportes). Selection, "Peer Gynt" (Grieg). Selection, "Izely" (Pierné). La Belle au bois dormant (Debussy). Beau Soir (Debussy). Cake Walk (Debussy).

PRAGUE, 12.0—For Farmers. 12.10—Records. 12.25—News. 12.35—See Brno.

RADIO-NORMANDIE, 12.0—Dance Music. 12.40—News. 12.45—Request Concert.

SOTTENS, 12.30—News. 12.40—Records.

STRASBOURG, 12.0—Orchestra. Roskam (Cello). Waltz, Tiralala (O. Straus). Overture, "Le Voyage en Chine" (Bazin). Cello: (a) Poème (Fibich), (b) Canzone napoletana (Casella). Selection, "Die geschiedene Frau" (Fall). The Whispering of the Flowers (von Blon). Sérénade à Blanchette (Pelloud). Retraite Montmartraise (Bosc). 12.45—News.

STUTTGART, 12.0—See Breslau.

TOULOUSE (Radio-Toulouse), 12.0—Orchestra. 12.15—Film Music. Excerpts, "Ma tante d'Honfleur" (Lenoir) and "Ronny" (Kálmán). Melody (Borel Clerc). Excerpts, "Tumultes" (Hollaender). 12.30—News. 12.45—Request Music.

TURIN, 12.0—Orchestra (contd. from 11.30).

VIENNA, 12.0—Weather. 12.5—Records. Entrée des petits fauntes (Pierné). Bolero (Ravel). La Capricieuse (Elgar). Chanson d'amour (Wertinsky). Russian Cradle Song. Hymn to the Sun (Rimsky-Korsakov). Spanish Folk Song, No quiero casarme. Tambourin chinois (Kreisler). Mázurka (Popper). Aria, "L'Africaine" (Meyerbeer). The Flight of the Bumble Bee (Rimsky-Korsakov). Concert Arabesques on the Waltz, The Blue Danube (Strauss-Schulz-Euler).

WARSAW, 12.0—Fanfare. 12.5—Records. 12.50—For Housewives. 12.55—News.

1 p.m.

ATHLONE, 1.30—Time; Weather; Stock Report; Records.

BARCELONA, 1.0—Chimes; For Women; Records.

BERLIN, 1.0—Midday Echoes. 1.15—Records: Emil Roesz Band; Dietrich Schrammel Quartet. Farbenspiele (Siede). The Clock is playing (Blaauw). March (Dietrich). Fideles Wien (Komzak). In a Monastery Garden (Ketelbey). So lang der alte Peter (Dietrich). Auf der Lahmgraub'n (Strecker). Salut d'amour (Elgar). Extase (Ganne). Ländler. March, Alt-Wien (Dietrich).

BEROMÜNSTER, 1.0—Records of Dance and Sound Film Music. 1.25—Exchange. 1.30—Parliamentary Review. 1.45—Request Programme.

BORDEAUX-LAFAYETTE, 1.0—Orchestra (contd. from 12.15). In the Interval: 1.20—News.

BRESLAU, 1.0—Orchestra (contd. from 12.0). In the Interval at 1.30: News.

BRNO, 1.0—Orchestra (contd. from 12.35). 1.35—Industrial Talk. 1.45—For Farmers. 1.50—Records.

BRUSSELS (No. 1), 1.0—News. 1.10—Records.

BRUSSELS (No. 2), 1.0—News. 1.10—Orchestra. Conductor: Walpot. Verbruggen (Siffleur) and Ferari (Violin). Flemish Song Fantasia (Walpot). Siffleur: (a) Good Night (Abraham), (b) Selection, "Si j'étais roi" (Adam). Violin Solo, Zigeunerweisen (Sarasate). Ananas (Siede). Trumpet Duet, Adam and Eve (Reynaud). Selection, "White Horse Inn" (Stolz-Benatzky).

BUDAPEST, 1.0—News.

BUDAPEST (No. 1), 1.0—Police Band (contd. from 12.5). 1.20—Weather. 1.30—Records.

COLOGNE, 1.0—News; Greetings. 1.10—Wind Band (contd. from 12.0).

DEUTSCHLANDSENDER, 1.0—Greetings. 1.10—See 12.0 Breslau. 1.30—Organ Records. 1.45—News.

FRANKFURT, 1.0—News. 1.15—Records.

HAMBURG, 1.0—Midday Review. 1.10—Music.

HILVERSUM, 1.0—Light Music (contd. from 12.40). 1.25—Records. 1.40—V.A.R.A. Orchestra. Conductor: de Groot. Overture, "The Crown Diamonds" (Auber). Delirienwalzer (Strauss). Barcarolle from "The Seasons" (Tchaikovsky). Molly on the Shore (Grainger). Serenade (Gounod). Marche funèbre d'une marionette (Gounod). Moorish Serenade (Chapi). The Language of the Flowers (Cowan).

HUIZEN, 1.0—Records. 1.10—K.R.O. Orchestra. Conductor: van 't Woud. San Lorenzo (da Silva). Overture, "Das Zauber Schloss" (Rust). Heinzelmannchens Wachtparade (Noack). Potpourri (Dostal). Donausagen (Fučík). The Rockies (Brumm). Records. Riverdale (Young). Jack-in-the-Box (Ellis). Mascara (Lacôme). The King's Escort (Bosey).

JUAN-LES-PINS (Radio Côte d'Azur), 1.0—News. 1.15—Station Orchestra. Selections, "Lakmé" (Delibes), "Le Roi d'Ys" (Lalo), "The Barber of Seville" (Rossini). Peer Gynt Suite (Grieg). Blumenlied (Lange). Blumengeflüster (Blon). Potpourri (Zimmerer). Song (Stolz). Song (Benatzky). Excerpts, "Les Noces de Jeannette" (Massé).

KÖNIGSBERG, 1.0—Weather; Programme Notes. 1.5—Records.

LEIPZIG, 1.0—News. 1.10—Request Records. Overture, "Maritana" (Wallace). Two Ballads (Lowe): (a) Rom der Reimer, (b) Die Uhr. Fehrbelliner Reitermarsch (Henrion). Song from "Der Evangelmann" (Kienzl). Song, In meiner Heimat (Hildach). March (Möllendorf). Songs in Dialect: (a) Wenn's Frühgahr kömmt, (b) D'r alta Musikan. Der lustige Hamburger (Alex). Chromatic Polka (Mück). Marching Song. Ruckruck (Niel). Funeral March of a Marionette (Gounod). Marche des petits soldats de plomb (Pierné).

LYONS (La Doua), 1.0—Records (contd. from 12.15). 1.20—News. 1.35—Records of Viennese Operetta Music. Selection, "Frederica" (Lehár). Romance, "The Count of

5.50 P.M. BUDAPEST 1

OPERA ORCHESTRA

CONDUCTOR, FRIGYES FRIDL

Festival Overture, Buchner Rhapsody, Losonczy Serenade, Volkman Little Suite, Debussy "Playing at Soldiers," Weiner

Luxembourg" (Lehár). Selection, "The Merry Widow" (Lehár). Selection, "The Last Waltz" (Straus). Selection, "A Waltz Dream" (Straus). Duet, "Frasquita" (Lehár).

MONTE CENERI, 1.5—Records.

MUNICH, 1.0—Records (contd. from 12.0). 1.15—News. 1.25—Station Orchestra. Conductor: Kloss. Praterbummel (Pachernegg). Märchenaugen (Kockert). Träume der Liebe (Keiling). Symphonie Prelude (de Micheli). Komm zu mir (Ganglberger). Idylle passionelle (Razigade). Mascabella (Fischer). Girls (Pierné).

PARIS (Eiffel Tower), 1.0—Exchange. 1.15—News. 1.30—For Farmers.

1 p.m. (contd.)

1.40—Labour Bureau Report. 1.50—Economic Notes.
PARIS (Poste Parisien), 1.15—Exchange.
PARIS (PTT), 1.0—See 12.15 Bordeaux-Lafayette. In the Interval at 1.20: News.
PARIS (Radio-Paris), 1.0—Light Symphonic Music (contd. from 12.15). In the Interval at 1.20: News.
PRAGUE, 1.0—See 12.35 Brno. 1.35—Industrial Review. 1.45—Record. 1.55—Exchange.
RADIO-NORMANDIE, 1.0—Concert (contd. from 12.45).
ROME, 1.0—Announcements. 1.5—Light Music. Invocation (Cilea). Selection, "The Secret Marriage" (Cimarosa). Selection, "L'Arlesienne" (Bizet). Hungarian Dance (Brahms). Waltz (Manfred). Tango (Kaper). Serenade (Lay).
SOTTENIS, 1.0—Records.
STRASBOURG, 1.0—Records.
STUTTGART, 1.0—News. 1.15—See Frankfurt.
TOULOUSE (Radio-Toulouse), 1.0—Announcements. 1.5—Orchestra. Excerpts, "The Quaker Girl" (Monckton). Liebestreu (Kreisler). Waltz (Ganne). Kermesse villageoise (Filippucci). 1.15—Operetta Music Excerpts, "Au temps des merveilles" (Christine). "Kalinka" (Lajtai). "Zou, le midi bouge" (Scotti). "Le grand Mogol" (Audran). 1.30—Orchestra. Melody (Schaller). Blumenglüster (Blon). The Wedding of the Rose (Jessel). Waltz, O Frühling, wie bist du so schön (Lincke). 1.45—Chansonnettes.
TURIN, 1.0—Announcements. 1.5—Fashion Talk. 1.10—Mario Consiglio's Orchestra. Overture, "Spartacus" (Scassola). Asiatic Suite (Preston). Bivacco zingaresco (Ferraris). Interlude, "Fedora" (Giordano). Selection, "La casa innamorata" (Lombardo).
VIENNA, 1.0—Weather; News; Programme Announcements. 1.10—Records. The Children's Symphony (Haydn). Overture, "Abu Hassan" (Weber). Selection, "Hansel and Gretel" (Humperdinck). Waltz, Frühlingsstimmen (Strauss). Suite campestre (Casella). Prélude à l'après midi d'un faune (Debussy).
WARSAW, 1.0—Vera Neumark (Pianoforte) and Emma Szabrńska (Mezzo-Soprano). Variations on a Popular Theme (Melcer). Songs: (a) Dúnajec (Maszynski), (b) La Princesse enchantée (Zelenski), (c) Brave fille (Zelenski). Pianoforte Solos (Moniuszko-Melcer): (a) Le Printemps, (b) Le vieux caporal. Songs: (a) Song (Schubert), (b) Widmung (Schumann). 1.45—Talk; Shipping. 1.50—News. 1.55—Exchange.

2 p.m.

ATHLONE, 2.30-4.50—Relay of the Cup Final from the Empire Stadium, Wembley. Running Commentary, by George F. Allison. 2.30—Community Singing and Band. 2.50—Comments by George F. Allison.
BERLIN, 2.0—News; Water Level. 2.15—Request Records.
BEROMÜNSTER, 2.0—Book Review. 2.20—Zürich "Orfeo" Mandoline and Guijar Club. Conductor: Loreti. 2.45—Science Review.
BORDEAUX-LAFAYETTE, 2.0—See Paris (PTT).
BRESLAU, 2.5—Exchange. 2.10—Announcements: Records. 2.35—Greetings. 2.40—Markets.
BUDAPEST (No. 1), 2.0—Records. 2.40—Market Report.
COLOGNE, 2.0—News. 2.15—Records.
DEUTSCHLANDSENDER, 2.0—Variety. 2.55—Announcements; Weather.
FRANKFURT, 2.0—Records. 2.15—News. 2.30—The Week's New Records. 2.50—Economic Notes. 2.55—Weather.
HAMBURG, 2.0—Music. 2.15—News. 2.30—Records.
HILVERSUM, 2.0—Orchestra (contd. from 1.40). 2.40—Music Talk with Records.
HUIZEN, 2.0—Orchestra (contd. from 1.10). 2.40—For Young People.
KÖNIGSBERG, 2.0—News; Records. 2.30—Announcements; Records.
LEIPZIG, 2.0—News; Exchange. 2.15—Records. Mückenschwärme (Mück). Glatteis (Fischer). Eine kleine Frage (Winkler). Du bist das Glück meines Lebens (Dostal). Wenn sich zwei so wunderbar wie wir verstehen (Mohr). 2.50—"Kaspar und der blaue Teufel"—Play (Max Jacob

LYONS (La Doua), 2.0—See Paris (PTT). 2.45—Records.
MADRID (EAJ7), 2.0—Chimes; Time; Weather; Light Music; Talk. 2.30—Station Sextet.
MUNICH, 2.0—News; Programme Notes; Exchange. 2.10—Sports Review. 2.20—Hitler Youth Band. Turn-Musik (Petzel). Dance Suite (Telemann). Dances (Praetorius). Musik zu einem Ritterballett (Beethoven). 2.45—"Fahrt ins Glück"—Play (Harro-Schaeff-Scheefen). Music by Schneidt, from Nürnberg.
PARIS (Eiffel Tower), 2.0—Exchange; Education Review. 2.10—Maritime and Colonial News. 2.20—Education Talk. 2.25—Exchange. 2.30—Songs and Pianoforte.
PARIS (PTT), 2.0—Songs. Lise Berger, Marthe Daumont, Renée Dyanc, Remys, Constantin, Lobert and Miller. In an interval: Women's Radio Competition and at 2.45—Exchange.
PARIS (Poste Parisien), 2.0-2.30—For Girls.
PRAGUE, 2.0-2.5—Exchange and Weather in German.
ROME 2.0—News. 2.15-3.5 (approx.)—Programme for the Mediterranean District. 2.15—Announcements; Giovinezza (Blanc). 2.20—



The Cup Final is to be broadcast from Athlone and National stations at 2.30 p.m.

Talk: Bettino Ricasoli. 2.25—Talk on Television. 2.35—Operetta Music. Excerpts, "Mephistopheles" (Boito), "Aida" and "Rigoletto" (Verdi). 2.45—Topical Review: Political, Economic and Sports Notes. 2.55—The Evening's Programme.
STOCKHOLM, 2.0—Jascha Bernstein (Cello), Tekla Häller (Songs) and Carl Tillius (Pianoforte). Cello: (a) Air (Bach), (b) Minuet (Valencin), (c) Song without Words (Mendelssohn), (d) Etude (Chopin), (e) Lo Fluvial (Cassadó). Songs: (a) Song in Folk Style (Peterson-Berger), (b) Song in Folk Style (Söderman), (c) Finnish Folk Song, (d) Buidäerskan (Haakanson), (e) Eit lit barn (Haakanson), (f) Goodnight (Morales). Pianoforte: (a) Sonatina in F sharp minor (Ravel), (b) The Flight of the Bumble Bee (Rimsky-Korsakov-Rachmaninoff), (c) Sonetto del Petrarca (Liszt), (d) Valse impromptu (Liszt), (e) Capriccio (Dohnányi).
STRASBOURG, 2.0—See Paris (PTT).
STUTTGART, 2.0—See Frankfurt. 2.15—Caruso Records.
TOULOUSE (Radio-Toulouse), 2.0—Amusement Guide.
VIENNA, 2.0—Records of Lüben Wladigeroff (Violin) and Pantischo Wladigeroff (Pianoforte). Burlesque on two Bulgarian Melodies (Wladigeroff). Im Volkston (Wladigeroff). Song from the Bulgarian Suite (Wladigeroff). 2.20—Announcements.
WARSAW, 2.45—The Nutcracker Suite (Tchaikovsky), played to Children by the "Station Orchestra", with Commentary.

3 p.m.

ATHLONE, 3.0—Commentary on the Cup Final from Wembley (contd. from 2.30).
BERLIN, 3.0—Exchange; Markets. 3.30—Girls' Choir.
BORDEAUX-LAFAYETTE, 3.0—See 2.0 Paris (PTT).
BRESLAU, 3.10—Gerhard Ewald Rischka Songs—by Elise Schölz (Soprano). The Composer at the Pianoforte. Geh Du vöber nicht. Lied. Dalmatian Love Song. Denk es, o Seele. Wiegenliedchen. Wohin ist Dein Liebster gegangen. Mein Liebster ist mein. Das Seelchen. 3.40—Legal Talk for Pedestrians and Cyclists.
COLOGNE, 3.0—"Old Austrian Folk Dances"—The Tirol and Vorarlberg—Talk with Records: Tirol, des is mei Heimatland. Jägermarsch.

Tiroler Schuhplattler. Mahdortanz. Dem Hans seine Augen. Sieben-sprung. Drei lederne Strümpf. Der Geschlöffe. Tiroler Dreisteier. Der Hinterefer. Ahintanz. Schloof-tanz. Siebentätler. Sechsertanz. Abschied. 3.30—Economic Notes. 3.40—Talk: The "Kraft durch Freude" Cruise to Madeira.
DEUTSCHLANDSENDER, 3.0—Exchange. 3.15—For Girls. 3.30—Industrial Review. 3.45—Talk: Handicrafts.
FRANKFURT, 3.0—Talk on Natural Science. 3.15—For Young People. Marching Songs and Music.
HAMBURG, 3.0—Wireless Announcements. 3.15—Exchange. 3.30—Economic Report from Brazil (on Records). 3.40—Shipping.
HILVERSUM, 3.0—Talk: Anti-Militarism. 3.10—Music Talk. 3.30—Marion and Hamilton in their Repertoire. 3.55—Cinema Talk.
HUIZEN, 3.0—For Young People. 3.10—Sports Talk. 3.40—For Children.
KALUNDBORG, 3.0—Records for Children, with Commentary. 3.30—Rydahl's Instrumental Ensemble. March, The Fairest of the Fair (Souza). Selection, "Hansel and Gretel" (Humperdinck). Waltz,

Les fleurs (Waldteufel). Ene med Toner (Carlander). Minuet in Old Style (Burmester). Polka (Lumbye). Spanish Dance (Moszkowsky). Selection, "Cavalleria rusticana" (Mascagni). Serenade (Rygaard). Grasshoppers' Dance (Bucalossi). Song, "Ein kleines Café in Hernal's" (Benatzky). Cradle Song (Andersen). March of the Tin Soldiers (Jessel). Rustle of Spring (Sinding). Festival March (Marino).
KÖNIGSBERG, 3.0—Exchange. 3.10—For Women. 3.20—Tales for Children. 3.45—Book Review.
LEIPZIG, 3.0—Play (contd. from 2.50). 3.20—Review of Political Books. 3.40—Brazilian Exchange in German.
LYONS (La Doua), 3.0—See 2.0 Paris (PTT).
MUNICH, 3.0—"Fahrt ins Glück"—Play (contd. from 2.45). 3.15—Folk Songs: Traute Lienert (Soprano). 3.30—Reading. 3.50—Weather; For Farmers.
PARIS (Eiffel Tower), 3.0—Songs and Pianoforte. In the Interval at 3.15: Exchange.
PARIS (Poste Parisien), 3.15—Exchange. 3.45—Exchange.
PARIS (PTT), 3.0—Songs (contd. from 2.0).
PARIS (Radio-Paris), 3.0—"The Princess of the Polar Isles"—Play for Children (François de Téramond). 3.45—Exchange.
PRAGUE, 3.50—Weather. 3.55—Band. Conductor: Pesta. March, "The Corsair" (Skaliky). Overture, "The Secret" (Smetana). Fantasy on Schubert's Songs (Oberthor). Serenade in E flat (Moore). Polka (Nanousek). Strauss Potpourri (Schlogl).
ROME, 3.0—Marcia Reale (Gabetti); Giovinezza (Blanc).
STOCKHOLM, 3.0—Reading (Idress). 3.30—Light Music by Waldimir's Orchestra.
STRASBOURG, 3.0—See 2.0 Paris (PTT).
STUTTGART, 3.0—"Werksponage"—Play (Kurt Rasche).
VIENNA, 3.0—Weather; Exchange. 3.15—Favoriten Male Voice Choir. Conductor: Josef Karmine. Im Gegenwärtigen Vergangenes (Schubert). Untreue (Keldorfer). Serenade (Handweg). In der Ferne (Silcher). Oesterreich, mein Vaterland (Heinrich Fiby). Da drüben (Eyrich). Allewell (Lafite). Trinklied (Schubert). Der Käfer und die Blume (Wenzel Veit). Rothaarig ist mein Schätzelein (Kirch). Tanzlied (Schön).
WARSAW 3.0—The Nutcracker Suite

(Tchaikovsky) (contd. from 2.45). 3.30—Reading. 3.45—Chasyda (Violin). Sonata in E minor (Veracini). Rondino (Beethoven-Kreisler). Valse caprice (Wieniawsky).

4 p.m.

ATHLONE, 4.0—Commentary on the Cup Final from Wembley (contd. from 2.30).
BERLIN, 4.0—See Breslau.
BEROMÜNSTER, 4.0-5.0—See Monte Ceneri.
BRESLAU, 4.0—Small Station Orchestra. Conductor: Rischka. Overture, "The Barber of Seville" (Rossini). Selection, "Hansel and Gretel" (Humperdinck). Serenade (Juel-Frederiksen). Waltz, Nordseebilder (Strauss). Hymn to the Sun (Rimsky-Korsakov). Hopak (Tchaikovsky). Nutcracker Polka (Bayer). March, Über Berg und Tal (Suppé). Selection, "Der Bettelstudent" (Millöcker). Sailors' Dance (Ebonet). In Hammersbach (Elgar). Robert Schumann Suite (Rischka). Waltz, España (Waldteufel). March, Allzeit treu Deutsch (Schicke).
BRUSSELS (No. 1), 4.0—Talk on Economics. 4.15—Records. Rumba. La cucaracha (D'Lorah). Un joujou comme vous (Learse). Je le tiens (Lattès). The Continental (Conrad). Ah! l'accordeon (Learse). Mon petit bonhomme de chemin (Lattès); Selection, "The Three Old Hags" (Kollo). 4.40—News. 4.45—Talk: How Wars begin.
BRUSSELS (No. 2), 4.0—Records. Selection, "The Pearl Fishers" (Bizet). Gothic Minuet (Boellmann). Waltzes (Joyce, arr. Somers). Mazurka (Vicari). Mia bella (Sommerfeld). Waltzes, "Die geschiedene Frau" (Fall). March, Midnight Tango (Komjati). Waltz, Delta (Brantzen). Hunting Horn Chorus (Cloetens). Il bacio (Arditi). Piece (Sannella). The Dreaming Snowdrop (Oertel). Saxofolie (Van Caille). 4.55—News.
BUDAPEST (No. 1), 4.10—For Children. 4.45—Time.
COLOGNE, 4.0—Variety. Station Orchestra and Band. Conductor: Eysoldt and Singers.
DEUTSCHLANDSENDER, 4.0—See Cologne.
FRANKFURT, 4.0—See Cologne.
HAMBURG, 4.0—See Cologne.
HILVERSUM, 4.0—Cinema Talk (contd. from 3.55). 4.10—Requiem (Landre). Rotterdam Philharmonic Orchestra and Choir, the "Orpheus" Male Voice Choir, the "Apollo" Male Voice Choir and Soloists. Conductor: Flipse.
HUIZEN, 4.0-4.40—For Children. 4.55—"The Fairy at the Fountain"—Four-Act Operetta for Children (Koning).
KALUNDBORG, 4.0—Rydahl's Instrumental Ensemble (contd. from 3.30). In the Interval at 4.20: Reading.
KÖNIGSBERG, 4.0—Small Station Orchestra. Conductor: Wilcken. Overture, "Hamlet" (Tchaikovsky). Caucasian Suite (Ippolitov-Ivanov). Rhapsody No. 4 (Liszt). Morgen (Strauss). Scherzo (Strauss). Waltz, Perlen der Liebe (Strauss). Selection, "Die Schneider von Schönau" (Brandts-Buys). Overture, "Waldmeister" (Strauss). Schwarzwälder Spieluhr (Richter). Serenade drolatique (Richter). Selection, "Gipsy Love" (Lehář). Waltz, Bad'ner Madln (Komzak). Waltz, Good-bye (Rivelli).
LAHTI, 4.0—Records. 4.50—Reading (H. G. Wells).
LEIPZIG, 4.0—See Cologne.
LYONS (La Doua), 4.0—Juan Grau Dance Band.
MADRID (EAJ7), 4.0—News; Light Music. 4.30—Station Sextet. 4.50—News.
MONTE CENERI, 4.0—Lugano Folk Music. March, Santa Cecilia. Schottisch, Son fili d'oro. Dance, Allegri. March, Crisi. 4.10—Act II, "Rigoletto"—Opera (Verdi), by the Choir and Orchestra of La Scala, Milan. Conductor: Molajoli (Records). 4.50—Talk: An old Man from the Ticino in Berne.
MOSCOW (No. 1), 4.30—Communist Party Programme.
MUNICH, 4.0—Variety. Leo Schneider Band; Julia Pleyer (Songs); Willy Schweizer (Zither); Susanne Walther and Otto Willi Gail (Entertainers); Oscar Albrecht (Accordion); Choir. Overture, "Banditenstreiche" (Suppé). Waltz, Im Lande der Liebe (Holzmann). Songs. Potpourri, Fröhlicher Rundesang (Lincke). Czardas (Kempner). Zither Solos. Blauer Pavillon (Lautenschläger). Freundschaftsmarsch (Blon). Interlude. Potpourri, Was gibt es Neues (Drescher). Songs by a Choir.

SATURDAY April 27

Wo die Zitronen bluh'n Strauss). Interlude. Rustle of Spring (Sinding). Unterm Lindenbaum. (Felix). Accordion Solos. Fliegermarsch (Dostal).
OSLO, 4.45—Records. Hungarian March, "The Damnation of Faust" (Berlioz). Overture, "Idomeneo" (Mozart). Ungeduld (Schubert). Scenes from the Czardas (Hubay). Cossack Chorus, "Stenka Razin" (Glazounov). Spinning Song (Popper). Schenk mit sich Rosen in Tirol (Scheller). Es gibt nur eine Liebe (Künneke). Ländler (Kaufmann). March (Bentazyk). Mazurka (Erichsen). Oa'sigien (Kristoffersen).
PARIS (Eiffel Tower), 4.0—Tourist Report. 4.10—Tourist Talk in Esperanto. 4.20—Exchange.
PRAGUE, 4.0—Band (contd. from 3.55). 4.40—For Young People.
RADIO-NORMANDIE, 4.0—Dance Music. 4.45—For Children.
ROME, 4.30—News; Exchange. 4.40—For Children.
SOTTENIS, 4.0-5.0—See Monte Ceneri.
STOCKHOLM, 4.0—Light Music by Waldimir's Orchestra. 4.30—Talk: Henrik Palmaer, the Lightning Journalist.
STRASBOURG, 4.0—Sports for Women. 4.15—Music Talk: Easter Oratorios. 4.30—Records.
STUTTGART, 4.0—See Cologne.
TURIN, 4.30—News. 4.40—For Children. 4.55—For Women.
VIENNA, 4.0—News; Exchange. 4.5—Talk in French: The Chansonniers of Montmartre in the days of the "Chat-Noir." 4.30—Reading. (Spiteler). 4.55—"Lustig ist ein Praterleben"—Musical Potpourri (Victor Hruby). Lizzie Holzschuh (Soprano), Anton Arnold (Tenor), Ernst Arnold (Tenor) and Antl Plakowite (Accordion). The Composer at the Pianoforte. In the Interval: Talk—Sunday Excursions.
WARSAW, 4.0—Chasyda (Violin) (contd. from 3.45). 4.30—Technical Letter-Box. 4.45—Quartet in D (Boccherini) by the Warsaw Quartet.

5 p.m.

BERLIN, 5.0—See 4.0 Breslau.
BEROMÜNSTER, 5.0—See Monte Ceneri.
BRATISLAVA, 5.15—Slovak Songs (Dusik). Hoza (Tenor), and the Author (Pianoforte). 5.40—For Workers. 5.55—Play in Hungarian.
BRESLAU, 5.0—Orchestra (contd. from 4.0).
BRNO, 5.5—Records. 5.15—Local News; For Housewives. 5.20—Reading. 5.35—Literary Review. 5.50—German Transmission: Kaff (Pianoforte). Fantasy in F minor. Waltz in A flat. Nocturne in C sharp minor. Three Etudes (Chopin).
BRUSSELS (No. 1), 5.0—Dance Music by Mickey's Club Orchestra, from the St. Sauveur Palais de Danse. Conductor: Hallet.
BRUSSELS (No. 2), 5.0—For Children.
BUDAPEST (No. 1), 5.0—Talk (Zoltan Kilian), with Records. 5.50—Opera Orchestra.
COLOGNE, 5.0—Variety (contd. from 4.0).
DEUTSCHLANDSENDER, 5.0—See 4.0—Cologne.
FRANKFURT, 5.0—See 4.0 Cologne.
HAMBURG, 5.0—See 4.0 Cologne. 5.30—Readings (Martha and Wilhelm Stölting) with Songs by Friedel Hüting.
HILVERSUM, 5.0—Records. 5.10—Talk on Economics. 5.30—Rotterdam Philharmonic Orchestra and Choir, the Orpheus and Apollo Choirs and Soloists. Conductor: Flipse. Selection, "Beatrix" (Landre). Three Pieces for a Capella, Male Voice Choir. In memoriam natrix (Landre).
HUIZEN, 5.0—"The Fairy at the Fountain"—Operetta (contd. from 4.55).
KALUNDBORG, 5.0—Ensemble (contd. from 3.30). 5.30—Markets. 5.42—Poem. 5.45—Talk: Student Humour.
KÖNIGSBERG, 5.0—Film Review. 5.10—Orchestra (contd. from 4.0).
LAHTI, 5.0—Reading (contd. from 4.50). 5.20—Accordion. 5.40—Talk. 5.50—News.
LEIPZIG, 5.0—See 4.0 Cologne.
LYONS (La Doua), 5.0—Juan Grau Dance Band.
MONTE CENERI, 5.0—Classical Music. Radio Orchestra. Conductor: Leopoldo Casella. Piccioli (Mendelssohn). Overture, "Athalia" (Mendelssohn). Pianoforte Concerto in D minor (Mendelssohn). Symphony in C (Boccherini-Sondheimer). Overture, "Don Giovanni" (Mozart).

SATURDAY April 27

5 p.m. (contd.)

MORAVSKÁ-OSTRAVA, 5.5—Cerny (Violin). Elegy (Axman). Caprice (Axman). Nocturne (Ridky). Gavotte (Ridky). Cantilene (Weinberger). Two Pieces (Martinu). 5.25—Topical Talk. 5.35—Records. 5.40—Talk: The Moravská Stamp Exhibition. 5.50—Records. 5.55—Local News.

MOSCOW (No. 1), 5.0—Communist Party Programme. 5.30—"Big Bertha"—Play after Moskvine's "The Masks."

MUNICH, 5.0—Variety (contd. from 4.0).

OSLO, 5.0—Records (contd. from 4.45). 5.45—For Children.

PRAGUE, 5.0—For Young People. 5.5—Viktorie Svihliková (Pianoforte). Prelude and Fugue in E Minor (Bach-Busoni). Chaconne in D Minor (Bach-Busoni). 5.25—Reading. 5.35—Records. 5.40—For Farmers. 5.50—Talk.

RADIO-NORMANDIE, 5.0—Dance Music. 5.15—Records. 5.30—Schubert Records. Marche militaire. Serenade. Song. Wohin? Ave Maria. Moment musical. Thine is my heart. Selection, "Lilac Time."

RIGA, 5.0—Talk. 5.10—Latvian Music. 5.30—Kalinins (Organ). Two Preludes and Fugues (Bach). Easter Morning (Malling). Improvisation (Kalinins). Hymn.

ROME, 5.5—Lottery Notes. 5.10—Concert. 5.55—Weather.

SOTTENS, 5.0—See Monte Ceneri.

STOCKHOLM, 5.0—Weather. 5.5—Records.

STRASBOURG, 5.0—Radio Orchestra. Conductor: de Villers, Wetzel (Pianoforte). Symphonic Poem, Les Préludes (Liszt). Pianoforte Concerto in A Minor (Chopin). Symphonic Poem, Le Rouet d'Omphale (Saint-Saëns).

STUTTGART, 5.0—See 4.0 Cologne.

TURIN, 5.5—Dance Music. 5.55—Weather.

VIENNA, 5.0—Musical Potpourri (Hruby) (contd. from 4.55). 5.00—Film Talk.

WARSAW, 5.0—Talk: Polish Cities and Towns. 5.10—Records. 5.50—Talk.

(Verdi). Violin Concerto in D (Mozart).

BRUSSELS (No. 2), 6.0—Records: Acts I and II of "Siegfried"—Opera (Wagner).

BUCHAREST, 6.0—News.

BUDAPEST (No. 1), 6.0—Orchestra (contd. from 5.50).

BUDAPEST (No. 2), 6.30—"Homeros" Blind Choir. Conductor: Schnitzl.

COLOGNE, 6.0—"Humour of the Upper Rhine"—Anecdotes. 6.15—Bernhard Hühnerfurst (Bassoon) and Hans Haass (Pianoforte). Adagio in F (Spohr). First Movement from the Concerto in G minor (Hühnerfurst). 6.45—Weather; Economic and Sports Notes.

DEUTSCHLANDSENDER, 6.0—Sports Review. 6.20—Topical Talk. 6.30—Sports Talk. 6.45—National Dances of Spain.

FRANKFURT, 6.0—Talk: Frontier Problems. 6.20—Surprise Programme. 6.30—A Labour Service Camp in the making—Report from St. Wendel.

HAMBURG, 6.0—Sound-Film Records. Du musst in meine Augen sehen. "Alles hört auf, mein Kommando" (Meissner). Erst eine Walzernacht, "Ihr grösster Erfolg" (Grothe). Tango, "Peer Gynt" (Becke). Selection, "Prinzessin Turandot" (Doelle). Einmal kommt zu dir das Glück, "Frischer Wind aus Kanada" (Friedl). Slow Foxtrot, "Mazurka." Foxtrot, "Punks kommt aus Amerika." March Foxtrot, Zirkusluft (Engel-Berger). 6.30—For Sailors. 6.50—Weather; Harbour Report.

HILVERSUM, 6.0—Orchestra and Choir (contd. from 5.30). 6.20—Talk. 6.40—Records.

HUIZEN, 6.0—"The Fairy at the Fountain"—Operetta (contd. from 4.55). 6.30—K.R.O. Orchestra. Conductor: van 't Woud. The Four Horsemen (Paul). Overture, "Thermidor" (Scassola). Waltz Idyll (Razigade). Chant sans paroles (Tchaikovsky). In einem türkischen Bazar (Dreyer). America (Bosey).

KALUNDBORG, 6.0—Student Anecdotes. 6.15—French. 6.45—Weather.

KÖNIGSBERG, 6.0—"Soldiers"—Book Review. 6.15—Market Prices. 6.20—Adolf Schütz (Organ). Prelude to the Suite in C minor (Renner, jun.). Partita on the Choral, "Die Sonn' hat sich mit ihrem Glanz gewendet" (Schäfer). Concerto in G

(Verdi). Violin Concerto in D (Mozart).

PARIS (Eiffel Tower), 6.45—Music. PARIS (Poste Parisien), 6.25—Exchange. 6.30—Roman Catholic Address. 6.55—Talk.

PARIS (PTT), 6.0—Science and Literary Notes. 6.30—News; Review.

PARIS (Radio-Paris), 6.0—Talk: Conspiracies under the First Empire—the Argentinian Conspiracy. 6.15—Talk: The Republican Calendar. 6.30—Weather: Report and Talk for Farmers; Exchange; Racing Notes. 6.50—Talk: The Manufacture of Matches.

PRAGUE, 6.0—German Transmission. Folk Songs of the Sixteenth and Seventeenth Centuries; Literary Talk; Reading; News. 6.55—Records.

RADIO-NORMANDIE, 6.0—For Children. 6.45—Talk.

RIGA, 6.0—Latvian. 6.30—Choir.

ROME, 6.0—Wheat Markets. 6.40—Italian Lesson.

SOTTENS, 6.0—For Children. 6.30—English. 6.45—Talk for Stamp Collectors.

STOCKHOLM, 6.0—"The Tsar's Messenger"—Play for Children (Jules Verne-Sandgren).

STRASBOURG, 6.0—For Farmers. 6.15—Marianne Ricklin (Songs). Aria, "The Magic Flute" (Mozart). Canzonetta (Lotti). Canzonetta (Scarlatti). Arietta (Rosa). Four Songs (Trémols): (a) Elégie, (b) Guitare, (c) Chanson, (d) La Feuille. Three Songs (Missa): (a) Sérénade au Bois, (b) Rien si ce n'est ton coeur, (c) La Marchande de Lilas. 6.45—French.

STUTTGART, 6.0—Weekly Sound News. 6.30—See Frankfurt.

TOULOUSE (Radio-Toulouse), 6.0—News; Racing. 6.15—Opera Music. Minuet, "Don Giovanni" (Mozart). Ballet, "Aida" (Verdi). Gavotte and Minuet, "I Pagliacci" (Leoncavallo). Dance, "La basoche" (Messager). Waltz, "The Gipsy Baron" (Strauss). 6.30—Chansonnettes. 6.45—Orchestra.

TURIN, 6.0—Markets; Lottery Results. 6.45—Announcements.

VIENNA, 6.5—Monthly Review. 6.35—Folk Dances.

WARSAW, 6.0—Humorous Review for Children. 6.30—Book Review. 6.40—Art Talk. 6.45—Records: The Gold Septet.



6.15 P.M. BERLIN
"Have you change for a Million?"
after the Novel by
MARK TWAIN
(to commemorate the 25th Anniversary of his death).

Orchestra. Conductor: Weber. Lisl Sturfels (Soprano), Max Krämer (Violin), Theodor Blumer and Fritz Weitzmann (Pianofortes). Gratulations-muette (Beethoven). Two Dance Songs: (a) Old German Dance Song, Wohl auf der kühle winter ist vergangen (Busoni), (b) Folk Song Polka, Mädel, wasch dich, putz dich, kämm dich. Gavotte for Strings (Richard Wickenhauser). Waltz arr. for Two Pianofortes: The Blue Danube (Strauss). Two Dance Songs: (a) Hopak (Musorgsky), (b) Tarantella napoletana (Rossini). Quadrille, "Die Landstreicher" (Ziehrer). Czardas for Voice and Orchestra, "Der Geist des Wojewoden" (Grossmann). Two Dances, "Masanello" (Auber). Violin and Orchestra: Polonaise in D (Wieniawski). Waltz for Soprano and Orchestra: Tales from the Vienna Woods (Strauss). Symphonic Dance Suite (Künneke): (a) Overture-Foxtrot, (b) Adagio-Blues, (c) Intermezzo-Scherzo, (d) Valse boston, (e) Finale-Foxtrot.

LYONS (La Doua), 7.0—News: Review. 7.30—Local News. 7.50—Horse Racing Report.

MADRID (EAJ7), 7.0—Announcements. 7.30—Exchange. 7.45—Madrid Philharmonic Orchestra, from the Teatro Español. Conductor: Bartolomé Pérez Casas. Leopoldo Querol (Pianoforte). Excerpts, "Parsifal" (Wagner). Pianoforte and Orchestra: Sinfonie concertante (Elizalde). Scottish Symphonic (Mendelssohn).

MONTE CENERI, 7.15—Talk for Women: The Living-Room. 7.30—Tito Schipa Records. Aria, "I Pagliacci" (Leoncavallo). Cuban Song (Schipa). Angela mia (Schipa-Rape-Pollack). Tango Song, El gauche (Schipa). La farfallita. La Girometta. 7.45—News.

MORAVSKÁ-OSTRAVA, 7.15—Mandoline Band.

MOSCOW (No. 1), 7.0—The Collective Farmer at Work; His New Songs.

MUNICH, 7.0—The Call of Youth. 7.5—Chamber Music. Walter Schulze-Prisca (Violin); Will Smit (Violin); Karl Eugen Körner (Viola) and H. Münch-Holland (Cello). Variations and Fugue on a Theme of Bach (Opel). Quartet in G (Franck).

OSLO, 7.0—Announcements. 7.30—Talk. 7.50—Station Orchestra. Conductor: Kramm. March. Manhattan Beach (Souza) Selection, "The Thieving Magpie" (Rossini). Echo du Nord (Wilck). Czardas (Monti). Air (Sandy). Two Hungarian Dances (Brahms). March Potpourri (Kochmann).

PARIS (Eiffel Tower), 7.0—News. 7.25—Racing Results. 7.30—Talks.

PARIS (Poste Parisien), 7.4—Sports Notes. 7.7—News. 7.20—Amusement Guide. 7.23—Weekly Review. 7.30—"Animals"—Records. 7.50—Records of Doumel and Ramier.

PARIS (PTT), 7.0—News; Review. 7.45—Legal Talk. 7.53—Talk arranged by the French Horticultural Society.

PARIS (Radio-Paris), 7.0—Talk on Science. 7.30—Review of the Latin Press. 7.40—Talk: The Exhibition in the Galliera Museum.

PRAGUE, 7.0—News, Economic and Political Review. 7.15—Talk: Old Prague.

RADIO-NORMANDIE, 7.0—Request Concert. Selection, "Countess Maritza" (Kálmán). A la poste (Bach-Laverne). Cocktail Pathé (Dorin). Song, "The Land of Smiles" (Lehar-Mauprey). Frères d'armes (Corbin). J'aime tes grands yeux (Tranchant). J'ai rêvé d'une fleur (Sarvil). Des mots d'amour

7.35 P.M. WARSAW

Debussy
PRELUDES

★ First Concert of a Series.
B. Woytowicz, pianoforte.
Danseuses de Delphes
Voiles
Le vent dans la plaine
Les sons et les parfums tournent dans l'air
Les collines d'Anacapri

6 p.m.

ATHLONE, 6.0—Records. 6.45—News.

BARCELONA, 6.30—Talk in Catalan; Records.

BERLIN, 6.0—Sports Talk. 6.15—Mark Twain Programme.

BEROMÜNSTER, 6.0—Records: Light Music. 6.30—Reminiscences of Travel in Foreign Lands.

BORDEAUX-LAFAYETTE, 6.30—News; Review.

BRATISLAVA, 6.0—Play in Hungarian (contd. from 5.55). 6.40—Topical Talk.

BRESLAU, 6.0—Talk: The Eugenies Tribunal. 6.15—Topical Talk. 6.35—For Workers. 6.50—Programme Notes; Weather.

BRNO, 6.25—For Workers; For Women.

BRUSSELS (No. 1), 6.0—Les Préludes (Liszt) on Records. 6.15—Talk. 6.30—Request Records. March, "The Prophet" (Meyerbeer). Aria, "Werther" (Massenet). Meditation, "Thais" (Massenet). Duet, "Manon" (Massenet). March, "Aida"

minor (Hufeld). 6.50—Weather; Local News.

LAHTI, 6.10—News (Swedish). 6.15—Talk. 6.35—Saxophone.

LEIPZIG, 6.0—A Modern Dictionary. 6.15—Weekly Report of the Hitler Youth. 6.30—"Experiments in Sounds"—Talk by Dr. Hellmuth Etzold and Dr. Rudolf Goldammer.

LYONS (La Doua), 6.0-6.30—See Paris (Radio-Paris). 6.30—News; Review.

MADRID (EAJ7), 6.0—Chimes: Light Music. 6.30—Talk, arranged by the Society for the Protection of Animals and Plants.

MORAVSKÁ-OSTRAVA, 6.0—For Workers. 6.10—Children's Choir. 6.35—Elocution.

MOSCOW (No. 1), 6.0—"Big Bertha"—Play (contd. from 5.30). 6.30—The Collective Farmer at Work; His New Songs.

MUNICH, 6.0—Songs by Girls. 6.20—Legal Talk: Car Owners and their passengers. 6.40—My Country (Smétana): Gertrud Kisselbach (Violin), Grete Schmitz-Nonnenmühlen (Pianoforte). 6.50—Announcements.

OSLO, 6.0—For Children. 6.40—Talk: Economics.

7 p.m.

ATHLONE, 7.0—Advanced Irish Lesson. 7.15—Station Orchestra.

BARCELONA, 7.0—Request Records. 7.30—News; For Children; Request Records.

BERLIN, 7.0—"Weg ins Wunder"—a Report (H. Jürgen Nierentz). Music by Hermann Simon. 7.40—Evening Echoes.

BEROMÜNSTER, 7.0—Chimes from Zürich Churches. 7.15—Markets. 7.20—An Introduction to the 1935 Federal Choirs Festival in Basle. Eduard Henneberger (Pianoforte).

BORDEAUX-LAFAYETTE, 7.0—News; Review. 7.45—English.

BRATISLAVA, 7.10—Talk. 7.30—Slovak and Czech Folk Songs Maudr Bagpipe Trio. Marie Reznicková (Songs).

BRESLAU, 7.0—Chimes from Silesian Churches. 7.5—Readings. 7.15—"The German Song"—Hitler Youth Programme. 7.40—Topical Talk.

BRUSSELS (No. 1), 7.0—Request Records (contd. from 6.30). 7.30—Science Review; Talk on the Brussels Exhibition.

BRUSSELS (No. 2), 7.0—Records: "Siegfried"—Opera (Wagner) (contd. from 6.0). 7.30—Film Review.

BUDAPEST (No. 1), 7.0—Orchestra (contd. from 5.50). 7.15—Musical Parodies: Lajos Szendy (Pianoforte). 7.40—"Chopin"—Play (György Csanády).

BUDAPEST (No. 2), 7.0—Choir (contd. from 6.30). 7.30—For Farmers.

COLOGNE, 7.0—See Leipzig. 7.50—Snapshots.

DEUTSCHLANDSENDER, 7.0—Cabaret Records. 7.45—Topical Discussion.

FRANKFURT, 7.0—Military Band from Fulda. Marches.

HAMBURG, 7.0—"Music for Folk Instruments." Hamburg Folk Music Circle. Bandonions, Viols and Double Bass: Klein Tutti tanz (Schebeck). Guitar Solo, Polka (Tarrega). Bandonions, Viols and Double Bass: Waltz on Spanish Themes (Müller). Bandonion Duet: Mazurka, Maiglöckchen (Frahm). Guitar and Violin: Duo concertante (Giuliani). Bandonions, Viols and Double Bass: Sequence from Old Hamburg Folk Songs (Paulsen). 7.30—"Dat anner Leben"—One-Act Play in Dialect (Walter Looschen).



Spanish dances form Deutschlandsender's programme at 6.45 p.m.

7.45 P.M. VIENNA

KALMAN

Operetta "THE BAYADERE"
Conductor, Josef Holzer,
Cast to be announced.

ACT 1, Foyer of the Chatelet
Theatre

ACT 2, Prince Radjami's
Palace in Paris

ACT 3, A Bar
TIME—the Present

7 p.m. (contd.)

Gromon). Piece (Erwin). Aria, "Hérodiade" (Massenet).
RIGA, 7.5—News. 7.20—Variety. Orchestra. Conductor: Parups. Irma Kalnins (Soprano) and Sakks (Tenor).
ROME, 7.0—Tourist Report and Announcements: News in Foreign Languages. 7.40—News Service in English. 7.55—Talk in Spanish: Travel in Italy.
SOTTENS, 7.2—Chimes. 7.5—Talk: The Work of the International Labour Bureau. 7.30—New Dance Records. 7.40—Wireless Notes. 7.59—Weather.
STOCKHOLM, 7.0—Play for Children (contd. from 6.0). 7.15—News. 7.30—Talk: In a Russian Cloister.
STRASBOURG, 7.0—Records. 7.30—News. 7.45—Records.
STUTTGART, 7.0—Records.
TOULOUSE (Radio-Toulouse), 7.0—Orchestra. 7.10—Film Music. Excerpts, "Le chemin du paradis" (Heymann), "Slim" (Warlop), "Caravane" (Heymann), "L'âne de Buridan" (Wiemer), "L'âne de Buridan" (Wiemer), "L'âne de Buridan" (Wiemer). 7.20—Opera Music. Excerpts, "Carmen" (Bizet), "La Bohème" (Puccini), "The Pearl Fishers" (Bizet), "Werther" (Massenet). 7.30—News. 7.45—Light Music.
TURIN, 7.0—News in Foreign Languages. 7.40—News Service in English. 7.55—Talk in Spanish: Travel in Italy.
VIENNA, 7.0—News. 7.10—Local News. 7.20—Weekly Review. 7.45—"The Bayadere." (Kalman).
WARSAW, 7.0—Records: The Gold Septet. 7.7—Announcements. 7.15—Programme for the Forest Festival. 7.25—Sports Notes. 7.35—Debussy Preludes. 7.50—Topical Programme.

8 p.m.

ATHLONE, 8.0—Station Orchestra. 8.30—Variety by Fay Sargent and Company, with the Station Orchestra.
BARCELONA, 8.0—Records. 8.15—News; Records. 8.45—Exchange.
BERLIN, 8.0—News. 8.15—See Stuttgart.
BEROMÜNSTER, 8.0—Choirs Festival (contd. from 7.20). 8.20—Siring Quartet in G Minor (Mozart) by the Lener String Quartet (Records).
BORDEAUX-LAFAYETTE, 8.0—See Paris (Radio-Paris).
BRATISLAVA, 8.35—Reading. 8.50—Operetta Music. Station Orchestra; Soloists. Conductor: Dyk.
BRESLAU, 8.0—News. 8.15—See Stuttgart.
BRNO, 8.0—Band. March (Konrad). Waltz (Srovnal). Polka (Kasik). Waltz (Potuznik). March (Skoupil). Waltz (Paps). Polka (Pezny). Dance (Kosmak). 8.35—Talk.
BRUSSELS (No. 1), 8.0—Radio Symphony Orchestra, from Brussels Exhibition. Conductor: André Raskin (Violin). Fanfare (Poet). Marche solennelle (De Boeck). Violin Concerto (Vieuxtemps). Prelude to Lara (Marsick). 8.45—Records.
BRUSSELS (No. 2), 8.0—See Brussels (No. 1). 8.45—Recitations by Lode Geysler.
BUDAPEST (No. 1), 8.0—"Chopin" —Play (contd. from 7.40). 8.30—Songs: Isabel Nagy and Jozsef Cselenyi, accompanied by the Sator Bura Cigany Band.
BUDAPEST (No. 2), 8.5—Records.
COLOGNE, 8.0—News. 8.10—Variety, with Gustav Kneip, Curt Baumgarten and Ernst Kalthoff. Station Orchestras—Conductors: Kühn and Eysoldt; the Station Choir—Conductor: Breuer; and Soloists.
DEUTSCHLANDSENDER, 8.0—Motto; News. 8.15—See Stuttgart.

FRANKFURT, 8.0—News: Topical Talk. 8.15—Variety from the Saalbau, Darmstadt. Band and Soloists: Conductor: Schlupp.
HAMBURG, 8.0—News. 8.15—Variety. Station Orchestra—Conductor: Gerhard Maasz; the Station Choir—Conductor: Gregor; the Station Dance Band; the Dietrich Schrammel Quartet; a Male Voice Quartet, a Ladies' Quartet and Soloists.
HILVERSUM, 8.0—Folklore (Programme. 8.40—S.O.S. Announcements. 8.43—Records. 8.15—Records. 8.40—News. 8.45—Records.
JUAN-LES-PINS (Radio Côte d'Azur), 8.0—News; Exchange. 8.15—Station Orchestra. Hungarian March (Yvain-Allouche). Tripoli (Yvain-Allouche). Eyes right (Manfred). Torch March (Himmel). Song (Neuvill). Le soir où l'on dit je t'aime (Bozi). Slow Rhythm (Himmel). Le vieux grenier (Weller). Piece (Richepin): Four Sketches.
KALUNDBORG, 8.0—Trio (Kuhla) (contd. from 7.50). 8.10—Address relayed from the Danish Domestic Science Teachers' Meeting at Borup High School: Home, Household and Society.
KÖNIGSBERG, 8.0—News. 8.15—See Hamburg.
LAHTI, 8.0—Orchestra (contd. from 7.50). 8.45—News.
LEIPZIG, 8.0—Dance Suite (contd. from 7.0).
LYONS (La Doua), 8.0—Talk. 8.10—Esperanto Review. 8.20—Sports Talk. 8.30—Variety.
MADRID (EAJ7), 8.0—Orchestra (contd. from 7.45). In the interval: News.
MONTE CENERI, 8.0—Radio Orchestra. Conductor: Leopoldo Casella. Carlo Diletti (Cello); Herschel (Pianoforte). Overture, "Genoveva" (Schumann). "Cello Concerto in E minor (Popper). Pianoforte and Orchestra: Danse sacrée et danse profane (Debussy). "Cello Solos (Masetti): (a) Ave Maria, (b) Giorno di Sagra. Petite Suite (Roger-Ducasse).
MOSCOW (No. 1), 8.0—Dramatic Programme.
MÜNICH, 8.0—News. 8.10—"Frühlingsluft"—Operetta in Three Acts (Jos. Strauss-Reiterer). Conductor: List.
OSLO, 8.0—Orchestra (contd. from 7.50). 8.35—Recitations.
PARIS (Eiffel Tower), 8.0—Topical Talks. 8.30—"Voix libres"—Sketch (Larronde).
PARIS (Poste Parisien), 8.15-8.45—Station Light Orchestra. Conductor: Balay.
PARIS (PTT), 8.0—Records of Military Music. 8.30—Symphony Concert. National Orchestra. Conductor: Desormière. Lucie Dewinsky (Songs). Symphonie concertante (Haydn). Songs: (a) Appris ai qu'en l'chantant (XIIIth Century), (b) Air, "Mitrano" (Rossi). Italian Overture (Suppé). Scènes pittoresques (Massenet).
2.30 P.M. STRASBOURG
THE NÜRNBERG DOLL
Opéra-comique (A dam)
Cornelius—Géo Fontex
Donathan—Lucien Weber
Miller—M. Alexandre
Bertha—Mme. Strub-Catel
Conductor—de Villers
Suite for Chamber Orchestra (David). Songs: (a) Berceuse (Tomasi), (b) Tarantelle (Tomasi), (c) La bonne Semaine (Milhaud), (d) Le Forgeron (Milhaud). Le rouet d'omphale (Saint-Saëns). Persian Dances (Mussorgsky).
PARIS (Radio-Paris), 8.0—"Paris' Judgement" and "Chonchette" operettas (Terrasse). In the interval at 8.30—Press Review and Weather.
PRAGUE, 8.0—See Brno. 8.35—Talk: Czechoslovakia's Position in the world. 8.50—See Bratislava.
RADIO-NORMANDIE, 8.0—Records. Aubade asturienne (Moignard). The Blue Danube (Strauss). Echo Song (Codini). French Serenade (Leoncavallo). The Rosary (Moignard). Donauwellen (Ivanovici). La farandole (Borel Clerc). Mattinata (Leoncavallo). 8.30—Vocal Trio. 8.45—Chansonnettes.

REYKJAVIK, 8.45—For Children.
RIGA, 8.0—Variety (contd. from 7.20).
ROME, 8.5—News; Sports Notes. 8.10—Records. 8.30—Announcements; Sports Talk.
SOTTENS, 8.0—Weekly Financial Review. 8.15—Light Music. Geneva Radio Orchestra and Soloists. March of the Tin Soldiers (Pierné). Clarinet: Polka, Sans Souci (Vollstedt). The Land of Dreams (Howgill). Piccolo: The Captive Bird (Wilcocks). Suite, At the Circus (Armandola). Les joyeux fileuses (Gillet). Vibraphone: Chokin' the Bell (Breuer). Toreador and Andalous (Rubinstein). Caucasian Sketches (Ippolitov-Ivanovov).
STOCKHOLM, 8.0—Old Dance Music.
STRASBOURG, 8.0—News in German. 8.30—"The Nürnberg Doll."
STUTTGART, 8.0—News. 8.15—"Spring in the South German Mountains"—Variety. Station Orchestra and Choir, with Folk Music by a Peasant Band, Duets, Accordion, Music, Dulcimer and Harp Duets. Conductor: Görlich.

(teufel), (f) Florentine March (Fučík). Records. Orchestra: (a) Overture, "Si j'étais roi" (Adam), (b) Heinkel-männchens Wachtparade (Noack), (c) Grossmütterchen (Lange), (d) The Mill in the Black Forest (Eilenberg), (e) Blumengeflüster (Blon), (f) The broken Melody (van Biene), (g) Overture, "Light Cavalry" (Suppé). Recitations. Organ Music. Records. 9.10—K.R.O. Boys. Conductor: Lusterhouver. Who made little Boy blue (Wayne). Vorbei (Reisfeld). Die kleine Zigarette (Reisfeld). Turandot (Doelle). Kleine Leutnant Annemarie (Brodzsky). Verliebt sein (Brodzsky). Gavotte (Gossec). 9.40—Records.
JUAN-LES-PINS (Radio Côte d'Azur), 9.0—News. 9.15—Station Orchestra. Overture, "Daphnis and Chloe" (Ravel). Potpourri of Humorous Songs (Himmel). Soldier Songs (Bousquet). Ah! les macaronis (Ouvrad). Le chien de Sacha (Jeanes).
KALUNDBORG, 9.0—The Aarhus Philharmonic Society's Concert,

8.0 P.M. RADIO-PARIS

"PARIS" JUDGMENT

Operetta (Claude Terrasse)

Venus, Maud Laury—Glycère, Mireille Berthon—Juno, Henriette Lebard—Paris, M. Lenzi—Conductor, Raoul Labis

TOULOUSE (Radio-Toulouse), 8.0—Light Music. 8.15—Operetta Music. Quadrille, "La vie parisienne" (Offenbach). Selection, "Le bonheur, mesdames" (Christiné). 8.30—Songs.
TURIN, 8.5—News; Records. 8.30—Announcements; Sports Talk. 8.45—"Le roi de chez Maxim"—Operetta (Costa).
VIENNA, 8.0—"The Bayadere" (contd. from 7.45).
WARSAW, 8.0—Variety. 8.45—News. 8.55—Talk: Work in Poland.

relayed from the Aarhus Theatre. The Aarhus Philharmonic Society's Orchestra. The Septimen Women's Choir. The Aarhus Student Singers. Asmind Gprangaard (Bass), Marie Schlegel (Soprano) and Erik Henning-Jensen (Recitations). Conductor: Thomas Jensen. Prelude to Act II, "Saul and David" (Nielsen). Cantata for the Opening of the 1909 Aarhus Agricultural Exhibition (Nielsen-Bangert). 9.45—News.

9 p.m.

ATHLONE, 9.0—Variety (contd. from 8.30). 9.30—Variety.
BARCELONA, 9.0—Sports; Records. 9.30—News.
BERLIN, 9.0—See 8.15 Stuttgart.
BEROMÜNSTER, 9.0—News. 9.10—Variety with Dance Music.
BORDEAUX-LAFAYETTE, 9.0—See 8.0 Paris (Radio-Paris).
BRATISLAVA, 9.0—Operetta Music (contd. from 8.50).
BRESLAU, 9.0—See 8.15 Stuttgart.
BRUSSELS (No. 1), 9.0—Addresses at the Opening of the Brussels Universal Exhibition (on Records). 9.20—The Radio Symphony Orchestra (contd. from 8.0). Choral and March (Souris). Nocturne (Brenta). Rondo capriccioso (Saint-Saëns). Flemish Rhapsody (Brusselmanns). Selection, "Céphale et Procris" (Grétry). Fantasia on a Walloon Theme (Ysaye).
BRUSSELS (No. 2), 9.0—Songs by Mlle. Streulens. 9.20—See Brussels (No. 1).
BUDAPEST (No. 1), 9.0—Songs (contd. from 8.30). 9.40—News.
BUDAPEST (No. 2), 9.0—News. 9.20—Szántó (Violin). Concerto (Boccherini). Cradle Song (Stravinsky). Adagio, "Raymonda" (Glazunov). The Wind (Vecsey). Scenes from the Czardas (Hubay).
COLOGNE, 9.0—Variety (contd. from 8.10).
DEUTSCHLANDSENDER, 9.0—See 8.15 Stuttgart.
FRANKFURT, 9.0—Variety (contd. from 8.15).
HAMBURG, 9.0—Variety (contd. from 8.15).
HILVERSUM, 9.0—Records. 9.10—Concert. V.A.R.A. Orchestra. Conductor: de Groot. Jong (Organ), Steyn (Organ and Accordion), Cappellen (Recitations), Lemaire (Recitations). Records. Organ: (a) Overture, "Poet and Peasant" (Suppé), (b) Ciribiribin (Peccalozza), (c) Parade of the Tin Soldiers (Jessel). Recitations. Accordion and Pianoforte Duets: (a) Czardas (Monti), (b) Dort wo die Wälder grün (Brodzky), (c) Accordiomania (Frosini), (d) Dizzy accordion (Frosini). Orchestra: (a) Old Comrades (Teike), (b) Donauwellen (Ivanovici), (c) The Gladiators' Farewell (Blankenburg), (d) Dorfschwalben aus Oesterreich (Strauss), (e) Estudiantina (Wald-

LAHTI, 9.0—News (Swedish). 9.15—Kiias Dance Band.
LEIPZIG, 9.0—Dance Suite (contd. from 7.0). 9.10—"Acolus Appeared" (Bach).
LYONS (La Doua), 9.0—Variety. 9.30—Records.
MADRID (EAJ7), 9.0—Orchestra (contd. from 7.45).
MONTE CENERI, 9.0—Weekly Review for Swiss Nationals Abroad. 9.15—Dance Music by the Melody Dandies, from the Kursaal, Lugano.
MOSCOW (No. 1), 9.0—Review and Letter-box in German.
MÜNICH, 9.0—"Frühlingsluft"—Operetta (contd. from 8.10).
OSLO, 9.0—Orchestra. Conductor: Kramm. Soleure Rhapsody (Kämpfert). Selection, "Giuditta" (Lehár). For You (Elliott). Norwegian Military March (Olsen). 9.40—News.
PARIS (Eiffel Tower), 9.0—"Voix libres"—Sketch (contd. from 8.30).
PARIS (Poste Parisien), 9.0—Dance

9.10 P.M. LEIPZIG

Aeolus Appeared

Secular Cantata (BACH)

Ria Ginster, soprano—Emmy Neienendorff, contralto—Josef Witt, tenor—Johannes Willy, bass—Prof. Friedr. Högner, harpsichord—The Cöthen Bach Choir—The Dessau Orchestra: Conductor, Generalmusikdirector HELMUT SEIDELMANN

Music by the Station Jazz Band. Conductor: Romans. In the Interval at 9.35: News.
PARIS (PTT), 9.0—Symphony Concert (contd. from 8.30).
PARIS (Radio-Paris), 9.0—Operettas (contd. from 8.0). In the interval at 9.15: News and Review by Bonnaud.
PRAGUE, 9.0—See 8.50 Bratislava.
RADIO-NORMANDIE, 9.0—Chansonnettes. 9.30—Pills and Tabet (Duets).
REYKJAVIK, 9.0—For Children.

SATURDAY April 27

9.20—Light Music. 9.50—Announcements.
RIGA, 9.0—News. 9.15—Orchestra. 9.50—Dance Records.
ROME, 9.0—"Castor and Pollux" Opera (Rameau), from the Teatro Comunale, Florence. Conductor, Philippe Gaubert.
SOTTENS, 9.0—Light Music (contd. from 8.15). 9.10—News. 9.20—Cabaret.
STOCKHOLM, 9.0—Old Dance Music. 9.30—Radio Report. 9.45—News.
STRASBOURG, 9.0—"The Nuremberg Doll" (Adam) (contd. from 8.30). 9.45—Press Review.
STUTTGART, 9.0—Variety (contd. from 8.15).
TOULOUSE (Radio-Toulouse), 9.0—Concert Version, "Azor"—Operetta (Gabaroché). 9.35—Operetta Music. 9.45—Viennese Orchestra Waltz, "Tales from the Vienna Woods" (Strauss). Intermezzo (Ancliff). Trois heures du matin (Marchetti). Je t'aime quand même (Wall-Berg). Three Hungarian Dances (Brahms).
TURIN, 9.0—"Le roi de chez Maxim"—Operetta (contd. from 8.45).
VIENNA, 9.0—"The Bayadere" (Kalman) (contd. from 7.45).
WARSAW, 9.0—Scandinavian Concert by the Station Symphony Orchestra. Conductor: Fitelberg.

10 p.m.

ATHLONE, 10.0—Variety (contd. from 9.30). 10.30—News; Weather. 10.40—Records.
BARCELONA, 10.0—Chimes; Weather. 10.5—Station Orchestra. Overture, "Light Cavalry" (Suppé). Danzarina (Peralta). 10.20—Dance Music.
BERLIN, 10.0—News. 10.30—See 10.20 Leipzig.
BEROMÜNSTER, 10.0—Variety, with Dance Music.
BORDEAUX-LAFAYETTE, 10.0—See 8.0 Paris (Radio-Paris). 10.30—Amusement Guide.
BRATISLAVA, 10.15—News in Hungarian.
BRESLAU, 10.0—News. 10.30—Records.
BRUSSELS (No. 1), 10.0—News. 10.10—Dance Music by Jean Mortier and his Boys from the Claridge Dance Hall.
BRUSSELS (No. 2), 10.0—News. 10.10—Records. Acts I and II of "Patience" (Sullivan). Ballet Suite, "Namouna" (Lalo).
BUDAPEST (No. 1), 10.0—Dance Music: Heinemann Band from the Hotel Britannia. 10.50—Budapest Concert Orchestra. Conductor: Polgar. Overture, Myra (Dusik). A Student Festival in Jena (Karch). 1848—Potpourri of Old Hungarian Dances (Falk). Bunte Rhapsodie (Kondor). Brautwerbung in Dorfe (Losonczy). Variété (Fejer). California (Sattler). Overture (Brodi).
BUDAPEST, (No. 2), 10.5—Péris Cigany Band.
COLOGNE, 10.0—News. 10.15—Variety (contd. from 8.10).
DEUTSCHLANDSENDER, 10.0—News. 10.45—Weather.

FRANKFURT, 10.0—Variety (contd. from 8.15). 10.15—News. 10.30—Hauk Dance Band. Phil von Bernbrunn. (Song Refrains). In the Intervals: Mouth Organ and Guitar Solos.
HAMBURG, 10.0—News. 10.25—Variety (contd. from 8.15).
HILVERSUM, 10.0—Concert (contd. from 9.10). 10.40—News.
HUIZEN, 10.0—Records. 10.10—Talk. 10.25—Records. 10.55—K.R.O. Boys. Conductor: Luster-

SATURDAY April 27

10 p.m. (contd.)

houwer. Hands across the Table (Delettre). In the Valley of Yesterday (Gofford). Souvenir d'Ukraine (Ferraris). Tarantella (Smith). Selection, "Peter, Paul and Nannette" (Grothe). A toi (Elliot). Don't say Good-night (Warren). Selection, "Der Geist des Wejowoden" (Grossmann). Love in Bloem (Robin).

KALUNDBORG, 10.0—Cabaret, Part I.—Bassoon Solos by Orla Lomborg. Song without Words (Langa). The Gondolier (Simons). Air with Variations. Massa's in the cold, cold Ground (Losey). Part II.—Three Syncopated Rumbles (Mayerl), by Victor Fischer (Pianoforte). Part III.—Songs to Poems of Erik Bøgh by Kai Allen, with Victor Fischer (Pianoforte).

KÖNIGSBERG, 10.0—News; Sports Talk. 10.30—See 8.15—Hamburg.

LAHTI, 10.0—Kiias Dance Band.

LEIPZIG, 10.0—News. 10.20—Light Music. EmDe Orchestra.

LYONS (La Doua), 10.0—Records. 10.50—News.

MADRID, (EAJ7), 10.0—Orchestra (contd. from 7.45). 10.30—Records: "Tristan and Isolde" (Wagner).

MONTE CENERI, 10.0—Old Dances (on Records). Contredanse. Waltz, Tutto tace. Waltz, Perenne rimorso. Mazurka, Sulle onde (Monti). Waltz, Pomona (Waldteufel). Mazurka, Sogno di bimba. Tesoro mio (Becucci). Sicilian Mazurka, Ninuzza (Barbera). Waltz, Dolce fiore (Anselmo).

MORAVSKÁ-OSTRAVA, 10.30—Station Orchestra. Conductor: Divis. Potpourri, Von Wien durch die Welt (Hruby). Nymph and Faun (Fétras). Minuet (Vackar). Czech Dance (Balling). Potpourri of Popular Tunes (Tichy). Stadium March (Leopold).

MOSCOW (No. 1), 10.5—Review, Letter-Box and Sports Notes in French.

MUNICH, 10.0—News. 10.20—To be announced.

OSLO, 10.0—Topical Talk. 10.15—Old Dances. 10.45—Dance Records.

PARIS (Poste Parisien), 10.0—Dance Music (contd. from 9.0). 10.30—Variety.

PARIS (PTT), 10.0—Symphony Concert (contd. from 8.30). 10.30—News; Robert Dance Orchestra.

PARIS (Radio-Paris), 10.0—Operettas (contd. from 8.0). 10.30—Dance Music by the Adison Orchestra.

PRAGUE, 10.0—News. 10.15—Records. 10.30—See Moravská-Ostrava.

RADIO-NORMANDIE, 10.0—Café Concert (Records). La chanson de la cantinière (Scotti). Marius (Pagnol). Ce n'est pas ce que vous croyez (Cazaux). Un enfant terrible (Bach). La noce d'Arthemise (Bach-Laverne). Le gosse du commandant (Rimbault). Le rossignol et la mésange (Daquin). Les barbus (Chagnon). Au son de la clarinette (Heintz). Excerpt, "Un soir de réveillon" (Moretti). Melody (Pourny). Un flirt sur le boulevard en 1860 (Hupfeld). Excerpt, "Toi, c'est moi" (Simons). Scene, "Les vignes du Seigneur" (de Fiers).

REYKJAVIK, 10.0—News. 10.30—Reading.

RIGA, 10.0—Dance Records.

ROME, 10.0—"Castor and Pollux"—Opera (contd. from 9.0). In the interval: Book Review and Fashion Talk.

SOTTENS, 10.0—Cabaret (contd. from 9.20). 10.15—Dance Records.

STOCKHOLM, 10.0—Fagerlund's Dance Band.

STRASBOURG, 10.0—"Le Corneille"—Sketch (Péridaud). Music by Bernicat. 10.30—Sports Review in French and German. 10.40—Dance Music from the Caveau de l'Aubette.

STUTTGART, 10.0—News. 10.30—Wende Dance Band.

TOULOUSE (Radio-Toulouse), 10.0—Film Music. 10.15—News. 10.30—"Les Lettres"—Fantasy.

TURIN, 10.0—"Le roi de chez Maxim"—Operetta (contd. from 8.45).

VIENNA, 10.0—News. 10.10—Franz Jecha Jazz Band. Franz Schier (Song Refrains).

WARSAW, 10.0—Announcements. 10.15—"Poetry in Music"—Literary Programme. 10.30—To be announced.

11 p.m.

BARCELONA, 11.0—News. 11.15—String Quartet. Allegro (Rimsky-Korsakov). Sarabande (Liadov). Mazurka (Sokolov). Courante (Glazounov). Minuet (Wihtol). 11.45—Records.

BERLIN, 11.0—See 10.20 Leipzig.

BRESLAU, 11.0—See Deutschland-sender.

BRUSSELS (No. 1), 11.0—Dance Music (contd. from 10.10).

BRUSSELS (No. 2), 11.0—Records (contd. from 10.10).

BUCHAREST, 11.0—Service, from the Domnita Balacha Church.

BUDAPEST (No. 1), 11.0—Orchestra (contd. from 10.50).

COLOGNE, 11.0—Variety (contd. from 8.10).

DEUTSCHLANDSENDER, 11.0—Oskar Joost Dance Band.

FRANKFURT, 11.0—Hauck Dance Band.

HAMBURG, 11.0—Variety (contd. from 8.15).

HILVERSUM, 11.0—Concert (contd. from 9.10).

HUIZEN, 11.0—K.R.O. Boys (contd. from 10.55). In the interval: News. 11.40—Records. 11.55—K.R.O. Boys. Conductor: Lustenhouwer. Das Töchterpensionnat (Mohr). Waltz (Erwin). Een Twee, Hup (de Leur-van Tol). Finale.

KALUNDBORG, 11.0—Dance Music by the Donde Band.

KÖNIGSBERG, 11.0—See 8.15 Hamburg.

LEIPZIG, 11.0—Light Music (contd. from 10.20).

MADRID (EAJ7), 11.0—Chimes. 11.5—News; Station Sextet.

MORAVSKÁ-OSTRAVA, 11.0—Orchestra (contd. from 10.30).

MOSCOW (No. 1), 11.5—Swedish Programme: (a) Review, (b) Talk:

A Caucasian Health Resort, (c) Letter-Box.

MUNICH, 11.0—Station Dance Band. Conductor: Aulich.

OSLO, 11.0-11.30—Dance Records.

PARIS (Poste Parisien), 11.0—Military Music. 11.15—Records.

PARIS (PTT), 11.0—Robert Dance Orchestra.

PARIS (Radio-Paris), 11.0—Dance Music by the Adison Orchestra.

PRAGUE, 11.0—See 10.30 Moravská-Ostrava.

RADIO-NORMANDIE, 11.0—Records. 11.30—Light Music.

REYKJAVIK, 11.0—Station Trio; Folk Music Records; Dance Music.

ROME, 11.0—"Castor and Pollux"—Opera (contd. from 9.0); News.

SOTTENS, 11.0-11.30—Dance Records.

STRASBOURG, 11.0—Dance Music, from the Caveau de l'Aubette.

STUTTGART, 11.0—Wende Dance Band.

TOULOUSE (Radio-Toulouse), 11.0—Jazz. 11.15—Opera Music. Excerpts, "Tales of Hoffmann" (Offenbach), "The Damnation of Faust" (Berlioz), "Sigurd" (Reyer), "The Magic Flute" (Mozart). 11.35—Hawaiian Guitars. 11.45—Songs.

TURIN, 11.0—News. 11.10—News in Spanish.

VIENNA, 11.0—News. 11.15—Jecha Jazz Band (contd. from 10.10).

WARSAW, 11.5—Light Music and Dance Music.

BRESLAU, 12.0—See Deutschland-sender.

BUCHAREST, 12.0—Service (contd. from 11.0).

BUDAPEST (No. 1), 12.5—News.

COLOGNE, 12.0—Variety (contd. from 8.10).

DEUTSCHLANDSENDER, 12.0—Oskar Joost Dance Band.

FRANKFURT, 12.0—Wagner, Brahms, Beethoven, and Tchaikovsky Records. Siegfried Idyll (Wagner). Rhapsody on Goethe's "Harzreise" (Brahms). Violin Concerto in D (Beethoven). Symphony No. 6 in B minor—the Pathétique (Tchaikovsky).

HAMBURG, 12.0—See Deutschland-sender.

HILVERSUM, 12.0—Concert (contd. from 9.10).

HUIZEN, 12.0—K.R.O. Boys (contd. from 11.55). 12.10-12.40—Records.

KALUNDBORG, 12.0—Chimes. 12.2-12.15—Dance Music.

LEIPZIG, 12.0-12.30—Light Music (contd. from 10.20).

MADRID (EAJ7), 12.0—Station Sextet. 12.15—Dance Music, from the Lido. 12.45—News.

RADIO-NORMANDIE, 12.0—Light Music.

REYKJAVIK, 12.0—Station Trio; Folk Music Records; Dance Music (contd. from 11.0).

STUTTGART, 12.0—See Frankfurt.

TOULOUSE (Radio-Toulouse), 12.0—"Au caveau de minuit"—Fantasy. 12.15—News. 12.20-12.30—Band.

VIENNA, 12.0—Modern French Music (on Records). Ma Mere l'Oye (Ravel). Caprice for Piano-forte and Orchestra (Stravinsky).

1 a.m. (Sunday)

BARCELONA, 1.0—News.

BERLIN, 1.0—Records (contd. from 12.30).

FRANKFURT, 1.0—Records (contd. from 12.0).

RADIO-NORMANDIE, 1.0—News. 1.10—Dance Music.

REYKJAVIK, 1.0—Dance Music.

STUTTGART, 1.0—See 12.0 Frankfurt.

12 midnight

BARCELONA, 12.0—Records.

BERLIN, 12.0—See 10.20 Leipzig. 12.30—Invitation to the Dance, Records of the Barnabas von Geczy, Willi Glahé and Egon Kaiser Bands; Erna Sack, and Herbert Ernst Groh (Songs).

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STATIONS IN ORDER OF FREQUENCIES AND WAVELENGTHS

Corrected in accordance with the latest official information available at the time of going to press.

Table with columns: kc/s, m, kW, Station, Band No., 150-300 kc/s, Dial Reading, kc/s, m, kW, Station, Dial Reading. It lists radio stations worldwide, organized by frequency and wavelength, with specific details for each station including location and power.

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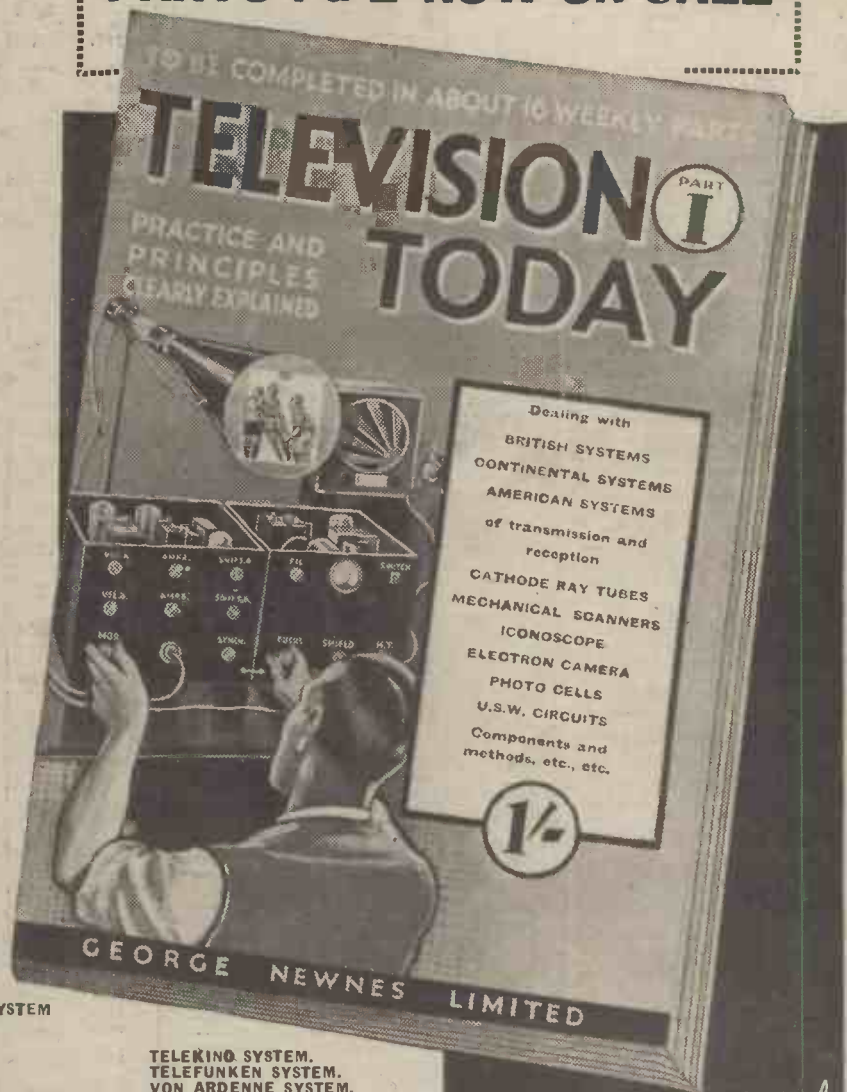
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