

World-Radio

THE BBC FOREIGN PROGRAMME JOURNAL ★ EVERY FRIDAY 2^D
WITH FULL INFORMATION FOR THE LISTENER AND VIEWER



Tasting the new season's wine grapes. On Sunday evening Deutschlandsender will broadcast a musical fantasy in praise of wine.

The "See-Saw" of Radio in the Spanish War: A Listener's Log

The Late President Masaryk and Broadcasting

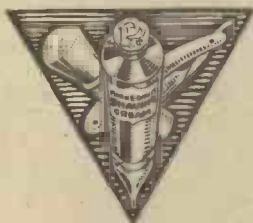
Broadcasting from the Jungle ★ S.W. Developments in U.S.A.



Do you find shaving a bore? Does it waste your time and leave your face with a cold, raw feeling, sore and irritated? Next week, you can shave quickly, comfortably and cleanly with the new shave aid. The bland, creamy lather of Parke-Davis Shaving Cream instead of increasing the sensitiveness of the skin soothes it and also softens the beard so that it yields willingly to the razor: you shave well as well as comfortably.

* * * *

If you'd like a seven-day sample tube with further particulars we will send one gratis if you write a postcard to Box 137/66, Euthymol, 50 Beak Street, London, W.1, mentioning this paper. Alternatively you can obtain a large tube for 1/6 from your chemist.



Obtainable in
37
Languages
through any Book-
seller from
2/- each.

Teach yourself a FOREIGN LANGUAGE
EASILY and QUICKLY with

MARLBOROUGH'S SELF-TAUGHT PHRASE BOOKS

Each book contains selected Vocabularies and Phrases, arranged under subjects, together with the ENGLISH PHONETIC PRONUNCIATION. By speaking the words in accordance with the instructions given you become familiar with the SOUND as well as the SIGHT of the printed word.

HOW TO LEARN THE MORSE ALPHABET
IN HALF AN HOUR. Price 3d., by post 4d.

Fill in and post this (in unsealed envelope 4d.) for FREE specimen and catalogue.

Name.....

Address.....

Language desired.....

To E. MARLBOROUGH & Co. Ltd., 51-53, Old Bailey, London, E.C.4

If you do not wish to cut this paper send a postcard mentioning "World-Radio."

CHARGE YOUR OWN BATTERY

This HEYBERD "Tom Thumb" Battery Charger will charge a 2 volt accumulator for LESS THAN 1d. PER WEEK. Simply connect the battery to the charger and insert the mains adaptor into the nearest light or power point.

- ALL METAL PARTS
- NO REPLACEMENTS
- SHOCKPROOF
- INCREASES THE LIFE OF THE BATTERY
- SIMPLE TO OPERATE
- GUARANTEED FOR ONE YEAR.

Price
12/6

Obtainable from any high class electrical dealer. If unobtainable write direct. Send for free list W. 997.



F. C. HEYBERD & CO., 10, FINSBURY ST., LONDON, E.C.2.

THERE'S ALWAYS GOOD READING IN THE LISTENER

From newsagents, bookstalls
and booksellers

3d. every Wednesday

CAREERS IN RADIO

Train by the Postal Method

The International Correspondence Schools offer a number of highly specialised Courses of Instruction in Radio. They include American as well as British broadcasting practice. Here are their titles representing the ground they cover:

Complete Radio Engineering

Complete Radio

Radio Servicemen's Elementary Radio

Radio Service and Sales

Television

Exams: I.E.E. Grad.,

I.W.T., C. & G. Radio

Communication, P.M.C.

Certif. in Wireless Tel.,

Air Ministry's Provisional Certif.

Write to-day for our Free "Radio" Booklet (40 pages)

INTERNATIONAL CORRESPONDENCE SCHOOLS, LTD.,
Dept. 30, International Buildings, Kingsway, London, W.C.2.

IF YOU FORGOT—

PRE-PAID CLASSIFIED ADVERTISEMENTS

RATES for Small Advertisements in "World-Radio" are as follows:—2s. 6d. per line (average of 6 words) with a minimum of 2 lines, box number 6d. extra. Series discounts, 5% on 13 insertions, 10% on 26 insertions, 20% on 52 insertions. All advertisements, which should be accompanied by a remittance and the full name and address of the advertiser, must reach The Advertisement Director, BBC Publications, 35, Marylebone High Street, W.1, not later than Friday of the week prior to publication.

In the case of box numbers, readers should reply to the box number mentioned in the advertisement, c/o Advertisement Department, "World-Radio," 35, Marylebone High Street, W.1.

SPECIALISED TRAINING

ALL successful students guaranteed posts in WIRELESS Services. Young men urgently needed. Write or phone. Box W—London Radio College, Grove Pk. Rd., W.4. (CHI. 3244.)

SHORTHAND in 24 hours of study. Practice brings high speeds. Test simplicity. Dutton's. Send for free lesson.—Dept. R., 92/3, Great Russell Street, W.C.1.

TRAINED MEN WANTED for all branches of radio: our home-study courses have helped hundreds to qualify for well-paid employment and spare-time work. Send for Free Book.—TECHNICAL & COMMERCIAL RADIO COLLEGE, Fairfax House (Dept. W.), High Holborn, W.C.1.

REPAIRS (AMERICAN)

"SERVICE WITH A SMILE"—HENRY FORD RADIO, LTD.—American valves, components, spares, line-cords: leading trade repairs: send us your American and British receivers: estimates free.—Electronic House, 22, Howland Street, Tottenham Court Road, W.1. Museum: 5675.

REPAIRS

SCOTT-SESSIONS & CO.

EVERY type of British and American set repaired, modernised or rebuilt. Short-wave sets a speciality. Fifteen years' experience and thousands of satisfied customers throughout the world are your guarantee of a sound job. Send your set to-day for free quotation (we collect London).—Scott-Sessions & Co., Exchange Works, Muswell Hill, London, N.10.

'PHONE: TUDOR 4101

MISCELLANEOUS

ABBREVIATA—using ordinary letters—best shorthand. High speeds. 'Most Simple.'—ABBREVIATA (R), Donald Street, Cardiff.

A binding case to hold current copies of WORLD-RADIO

Stoutly made, from good quality binding-cloth, distinctly blocked in gold, corded so that the journal remains in place, and provided with a convenient pencil—it costs 2/6 by post direct from BBC Publications (W65), 35, Marylebone High Street, W.1.

to send the coupon for the new Hugo Booklet "Languages Can Be SO Easy" offered in these columns last week, here is a reminder to do so NOW. Simply tear out this announcement and enclose in an unsealed envelope with your name and address (3d. postage). Do not miss this opportunity to discover that through Hugo's languages can be learnt without toil or disappointment.

HUGO Special Self-Tuition Courses (by post)

FRENCH, GERMAN, SPANISH, or ITALIAN 5/- monthly

HUGO'S LANGUAGE INSTITUTE,
64-66, Oxford Street, London, W.1
and branches

World-Radio Station Identification Panels

A NEW AND REVISED EDITION.

Long distance listeners will find this booklet very helpful. In handy form it gives full particulars of wavelengths, power, call signs, distance and bearing from London, etc., of those European and American stations that are accessible to listeners in this country. 70 pages and a large map showing European broadcasting stations.

Price 1/- from newsagents, bookstalls and booksellers or post free from BBC Publications (W66), 35 Marylebone High Street, London, W.1.



A Week of Operas

THIS is a week of notable opera broadcasts. Beginning on Sunday, German stations head the list with no fewer than five in the course of the evening. On Monday, at 8.30 p.m., the Lyons (PTT) group will broadcast Saint-Saëns's *Samson and Delilah*, while, at 8 p.m., Brussels No. 1 will take Bizet's *The Pearl Fishers* from the Théâtre de la Monnaie. Probably outstanding, however, will be the French broadcasts on Thursday and Saturday, at 8.30 p.m., of Debussy's *Pelléas et Mélisande*.

In Two Parts

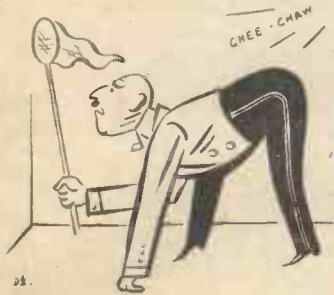
The opera will be broadcast in two parts. The Radio-Paris group will take Acts 1, 2, and 3 on Thursday; and the Paris (PTT) will repeat Act 3, and follow with Acts 4 and 5, on Saturday. The same evening at 8 o'clock, Brussels No. 2 will transmit *Lohengrin* from the Antwerp Flemish Opera House. This week also, Turin and Rome bring to listeners two modern operas—one by Pedrollo, and the other by Pick-Mangiagalli—as well as Cilea's *Adriane Lecouvreur*. The broadcasts are at 9 p.m. on Sunday and Tuesday, and Thursday and Friday.

A Singing Philosopher

Ed. McConnell, America's "singing philosopher of the air," is the star and compère of a new NBC weekly show entitled "Sunday afternoon with Smiling Ed. McConnell." The broadcast is at 5.30 p.m. every Sunday—10.30 p.m. over here—and the programme is notable for the choral singing. McConnell, who can give stones to our own Davy Burnaby, lost 35 pounds on his recent vacation, and is in trim for his new series, which marks his sixteenth year as a radio artist.

"Chee-Chaw"

A few months ago I made a reference to the snakes which had been worrying announcers and engineers at the Singapore station of the British Malayan Broadcasting Corporation. It was illustrated by a drawing of the "snake peril" to radio in the tropics. As a result, Mr. J. S. Dumeresque, the B. M. B. C. Manager, tells me that he has received letters from listeners all over the world suggesting anti-snake measures, and even offering to buy snake-skins. Someone in America



"Track down a chi-chak"

wants him to arrange a broadcast interview with a snake! Mr. Dumeresque's latest bugbear is the Malayan lizard, the "chi-chak" (pronounced "chee-chaw"). It is only a few inches long, but makes a loud noise—"chee-chaw . . . chee-chaw"—as it climbs over walls and ceilings in search of insects. At least two families of "chi-chak" have made their homes in the Singapore station's studio, and frequently interrupt speakers and singers with their cry. Once during a talk, a member of the station staff tried to track down a "chi-chak," and listeners heard the sound of padded feet running after a reptile, which disconcertingly continued its cry, "chee-chaw . . . chee-chaw."

Six Centuries Back

Listeners who tune in to Brussels 1 at 3 p.m. on Sunday will be carried back six hundred years to the birth of Jehan Froissart, probably the most industrious, and certainly the most romantic, chronicler of those times. Froissart, who gained abiding fame as author of "The Chronicle of France, England, Scotland, and Spain," was born at Valenciennes, where on Sunday a pageant is being staged, to commemorate the anniversary. The broadcast will consist largely of a description of the colourful scenes in the streets of the historic town; and at 6 p.m. on Monday, from the same station, there will be a talk on Froissart's life and work.

Priest Sports Commentator

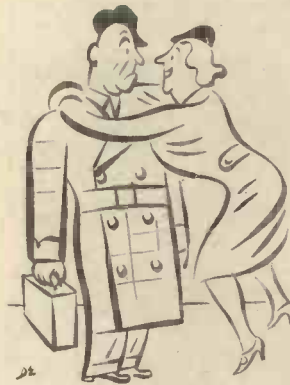
The Reverend Father M. Hamilton will be the commentator at the All-Ireland Gaelic football final, which will be broadcast from Radio Athlone on Sunday afternoon. Father Hamilton, who is an official of the Gaelic Athletic Association, is an old footballer, and Irish listeners are anticipating a lively running commentary. The final is one of Ireland's great sporting events, and enthusiasts flock to Dublin from all parts of the country. An eye-witness account of the game will also be broadcast in the evening programme at 10.40.

Programme Alterations

Don't blame WORLD-RADIO if you find that your favourite opera, billed in the French programmes, is not broadcast and another opera is substituted. One French programme paper recently complained that *La Damnation de Faust* was substituted for *The Mastersingers* in a Vichy programme, and another stated that *Othello* was announced in the weekly papers, again from Vichy, whereas a symphony concert was announced in the daily papers, *Tosca* was ultimately broadcast!

"Grand Central Station"

"Grand Central Station," a new series of half-hour dramatic sketches with their setting in New



"Dramatic welcomes"

York City's great railway terminus, beginning on Tuesday (2.30 a.m. here), is a new feature in NBC programme-building. Each play, complete in itself, will begin with a scene in the station, where so many dramatic welcomes and accidental meetings take place each day. From the station each play will move to other scenes, where the rapid action will develop to a climax.

A Million-Dollar Orchestra

A symphony orchestra, conducted by Toscanini, marks a new departure in American broadcasting—and the programmes will not be sponsored! The orchestra of ninety players, embracing twenty nationalities, has been organised by NBC, at an estimated cost of 1,300,000 dollars for the season. The only British member will be Mr. William Primrose, the viola soloist, who is at present playing in the BBC Symphony Orchestra at Queen's Hall. The broadcasts, which begin at the end of October, will each be of ninety minutes' duration.

"Ma Perkins"

A lady who makes frequent appearances in the short-wave programmes from Schenectady and is well known to many is "Ma Perkins," or Miss Virginia Payne as she is outside the studio. Miss Payne, who is now visiting Canada, started her radio career ten years ago and has been presenting "Ma Perkins" for four years. "Ma" is a country woman who has a sawmill and two children who give her lots of worry, as does her helper, Rufus. But in private life she is a charming personality, soft spoken, yet one whom it would be easy to understand as taking the part of "Ma." Her sponsors some time ago gave free packages of seeds, and many listeners sent her photographs of the flowers in bloom.

Ray Noble as Film Comedian

British-born Ray Noble, who, in the two years since his importation by the NBC, has become well known as the Musical Director of the Burns and Allen broadcasts, is about to take a new rôle—that of screen-actor, as Jeeves in a film based on P. G. Wodehouse's novel *A Damsel in Distress*. Fred Astaire, as well as Burns and Allen, will star with the "Gentleman's Gentleman."

ETHERVIATOR.

The Late President Masaryk

THE MAN WHO LIBERATED A NATION

[Contributed]

EX-PRESIDENT MASARYK, the liberator of Czechoslovakia, whose death has deprived the world of a great creative statesman, followed the developments of broadcasting with keen interest. As head of the State, when Czechoslovakia had just emerged to freedom, he used the microphone for all important pronouncements. A great democrat himself, he attached great



President Masaryk broadcasting from his study to British listeners in 1932

importance to broadcasting as a powerful factor for promoting education and international goodwill.

When the BBC celebrated its tenth anniversary, he gladly accepted an invitation to speak to British listeners. On that occasion he alluded to the prediction of his great predecessor Comenius, the famous Czech educationist of the seventeenth century, of the coming of wireless; and he pleaded the cause of disarmament, democracy, and international agreement between all men of good will.

He also recalled pleasant memories of his sojourn in London during the War. During the last few months of his life, when infirmity prevented him from reading, he became greatly attached to the wireless as a matchless source of communication from the outer world.

Peasant to President

Born on one of the estates of Francis Joseph, Emperor of what was then the Austro-Hungarian Empire, the son of a peasant, Thomas Masaryk was in turn a blacksmith's apprentice, a teacher, a University Professor, a member of the Austro-Hungarian Parliament, and finally a rebel against the domination of the Hapsburgs. After organising the Czechoslovak armies which fought on the side of the Allies during the War, he created the newly restored Czechoslovak State, and became its first President.

The Nation's Tribute

Rarely has a nation cherished so deep and moving an attachment to a man. In 1930 the Czechoslovak Parliament passed a law declaring, "T. G. Masaryk has deserved well of the State," and these words were carved into the wall of the Prague Parliament. During the critical days when his life hung in the balance, whole villages in Slovakia would assemble in the evening to pray together for his recovery.

After lying in state in Prague on Tuesday, the body of the ex-President was taken to Castle Lány for interment.

The whole nation was in mourning, and all transmitters were closed down, except for broadcasts of the funeral ceremony. As a mark of respect to the Liberator, all light music until October 26 has been deleted from the programmes, which will largely reflect the national mourning.

"METHUSELAH"

U.S.A. BROADCASTS G.B.S.

THE American broadcast of the specially prepared radio version of George Bernard Shaw's *Back to Methuselah*, which was cancelled on August 30 because of the Louis-Farr fight, will be presented on Thursday, September 30.

The broadcast, prepared by the great playwright himself, will take 75 minutes (1.30 a.m. to 2.45 a.m. B.S.T.), one of the longest dramatic works ever produced "on the air" in America. Permission to use substantially the same script as served in the original radio presentation by the BBC was negotiated by NBC's London representative, who



George Bernard Shaw

simply forwarded the production text with the proviso—presumably a characteristic injunction of the playwright—that it be strictly adhered to in performance.

The famous five-play cycle, with which English listeners are familiar, starts in the Garden of Eden, and carries the original characters, Adam, Eve, Cain, Lilith, and the Serpent, in later incarnations through modern times, to a period 30,000 years in the future. The radio version begins with the opening scenes of the first play, "In the Beginning," and concludes with the final scenes of the last play, "As Far as Thought Can Reach." The material of the other three plays will be covered by a narrational bridge written by Shaw in dramatic prose. Peggy Wood, the brilliant actress of the English and American stage, will be heard as Eve, and Irene Tedrow will have the part of Lilith. The remainder of the cast will include Helen Claire, a widely-known radio and stage actress, as the Serpent; James Meighan, the young actor who distinguished himself in the NBC production of O'Neill's play, "Beyond the Horizon," who will play Adam, and Louis Hector as Cain.

SCHUMANN'S VIOLIN CONCERTO

THE first performance in England of Robert Schumann's Violin Concerto, which will be heard in a special international programme by the BBC Symphony Orchestra on October 20, will be relayed in America by the NBC. Jelly d'Aranyi will be the soloist. Few people are aware of the existence of the Schumann Violin Concerto, which has lain thirty years in the archives of the Prussian State Library at Berlin. The composer confided the work, shortly before his death in 1856, to Joseph Joachim, who, as a young man at Leipzig, was a close associate of Schumann and Mendelssohn.

Joachim, before he died in 1907, deposited the manuscript in the library. Instructions were given that it should not be published until one hundred years after Schumann's death. The ban has been lifted, however, and the concerto will be performed for the first time at the opening BBC Symphony Concert of the 1937-38 season, under the direction of Sir Adrian Boult.

FRENCH TAX INCREASES?

THERE are very few things in France that can be purchased for the same price now as twelve months ago. Wireless licences have not yet increased in price but, if rumour is to be believed, they are going to fall into line at an early date.

The present rates are Frs. 15 per annum for a crystal set, Frs. 50 per annum for a valve set, and Frs. 100 or Frs. 200 for sets used for public broadcasts, according to their category. Frs. 100 is suggested as the new rate for valve receivers.



PEGGY WOOD, who has played in many musical successes in London and New York, will take the part of "Eve" in the broadcast version of *Back to Methuselah* (see col. 3).

14 NEW ITALIAN TRANSMITTERS

It has been announced in Rome that fourteen new transmitters are in course of construction in Italy. They are as follows:—

- Rome (Prato Smeraldo)—2 short-wave transmitters of 100 kW each.
- Rome (Prato Smeraldo)—3 short-wave transmitters of 50 kW each.
- Rome (Monte Mario)—1 ultra-short-wave transmitter of 2 kW.
- Rome (Santo Palomba)—2 medium-wave transmitters (420 m. and 245 m.) of 120 kW each.
- Catania (531 m.)—3 kW.
- Ancona (221 m.)—1 kW.
- Turin No. 2 (221 m.)—5 kW.
- Genoa No. 2 (221 m.)—5 kW.
- Florence No. 2 (238 m.)—1 kW.
- Naples No. 2 (222.6 m.)—1 kW.

Sunday Night "Star" Concerts

A PERMANENT concert company of eight or more of the greatest singing voices in the world will, it is claimed, be the surprise feature of a long-established "sponsored" programme which will be resumed on Sunday evening, October 3. The concerts will be heard *via* the nation-wide chain of the NBC-WJZ ("Blue") network, between 8 and 9 p.m. E.S.T. (1 a.m. to 2 a.m. G.M.T.).

The members of this "Concerts Company" will be heard exclusively in broadcasting. Some among them have been guest artists of the fine music programme transmitted during the past several years. The company has been in process of formation all the summer, and it is expected in musical circles that it will become in radio the counterpart of the Metropolitan Opera in the field of opera. The company will be managed somewhat on the lines of that famous organisation. According to Henry Souvaine, impresario and concert manager of the Concerts for the sponsor, and its advertising agents for the concerts, contracts with the artists will make them members of the company for a concert season of thirteen weeks, with options for additional like periods.

The Spanish Civil War has been characterised by the fiercest propaganda campaign in the history of broadcasting. The writer of this article describes the changing fortunes in the fight for supremacy "on the air."

THE Civil War in Spain, which has now gone on for over a year, has been accompanied in the ether by the development of another kind of warfare never before practised with anything like its present intensity. During the past months the rival broadcasting systems have developed their technique to an exact science. When the struggle first broke out, the Spanish transmitters soon fell into the hands of one side or the other, but the parties were too much preoccupied at first to make use of all the stations under their control. Each side concentrated on one or two of the more powerful stations to broadcast their cause and to call for support.

The Government side were quick to realise the possibilities of wireless for gaining foreign sympathy through their broadcasts, in the more important European languages, from Union Radio Madrid, Barcelona EAJ1, and the Madrid short-wave station. But the Insurgents, too, were not slow to grasp the importance of broadcasting, and they brought to the microphone leaders in every sphere, including soldiers, writers, and clergy, to appeal to the traditional, heroic, and religious sympathies of the Spaniards. They found in General Queipo de Llano a broadcaster whose rhetoric and sarcasm have made him a redoubtable opponent in the war of words, and whose daily broadcasts from Seville have been as outstanding as any propaganda yet heard "over the air."

AIR MANOEUVRES

The Government were the first to take the offensive in the radio war. They opened, about the end of the second week of hostilities, by bringing the Radio España transmitter into use—not so much for its additional vocal power, apparently (for it still uses only short time in actual broadcasting), as to interfere with the reception of the Insurgents' chief broadcasting station by using its carrier wave of 410.4 metres—the same as that of Seville—which was left on continuously at full strength. This move, which introduced the practice of jamming wavelengths into the struggle so as further to reduce the audibility of many Spanish transmissions, seems to have justified itself, particularly on that wavelength, for there was some interaction between the two programmes radiated on it even before the civil war. While in this country a good set can still generally receive Seville quite audibly, in spite of some distortion of the tone, the defenders of the Alcazar at Toledo admitted, after their relief, that the influence of the nearer station (at Madrid) using the wavelength made Seville quite inaudible to them, and their first intimation of a relief column coming to their rescue reached them through the Radio Club of Portugal.



THE WRECKAGE OF WAR: The ruined archway at the entrance to Elgueta after an aerial bombing raid

The Radio War in Spain

Although these tactics were not one-sided, and any Spanish wavelength was liable to be dominated or confused by the activities of the enemy from time to time, the Government, on the whole, maintained a better long-range service right into the new year, chiefly by improving the output of Madrid and Barcelona. Meanwhile, the division of Spain into well-defined opposing regions, as a state approaching stalemate was reached in the struggle, gave a chance for the factions to provide fuller broadcasting services within a limited range of some of the towns they held, through the existing regional transmitters or through temporary stations. Of these, the transmitter at San Sebastian, captured with the town by the Insurgents, but operated on a slightly lower wavelength—the Basques continued to use that of 238.5 metres from

Bilbao after their retreat—could be heard occasionally through last winter.

By January, the Insurgents had five medium-wave regional stations to give their point of view to the country, including Burgos and Valladolid, using the same wavelength of 201.1 metres, though the former sometimes dodged to the 238.5 metre band. The Government had at least as many, with Oviedo in the north (over which they retained control, although the Insurgents held the town itself) and Valencia, to which town the Government had by then retired, working in the south. In addition, General Franco had on his side seven short-wave stations (some of them little more than field transmitters with the army) for inter-communication and for giving information to the world at large—one in the Canary Islands and another at Tetuan, in Spanish Morocco.

A NEW OFFENSIVE

About the beginning of February the Insurgents opened a new radio offensive, which brought about a much more intense phase in the radio war, and which, for a brief space, gave them almost complete domination of the Spanish wavelengths. This important new move started with the opening of a powerful transmitter at Salamanca, using 50 kW, and known as Radio Nacional. At first this new station worked on 293.5 metres, but, apparently, not content to override two of the lesser Spanish left-wing stations, it soon moved to the 274-metre wavelength, and so completely dominated the most important Government station—Union Radio Madrid—which had been, till then, the most powerful station in the peninsula.

THE GOVERNMENT MOVES

As Barcelona had for some time been almost independent of the Central Government, and the station EAJ1, as well as the less powerful EAJ15, now broadcast mainly in Catalan for its own region, the Government had only one outlet of expression left on the medium waves with a greater range than their ordinary regional transmitters. This was the station at Bilbao, which the Basques had made their chief instrument of expression after their retreat from San Sebastian.



The building in which the studios of the short-wave station EAJ, Madrid, are housed

(continued on page 6, column 3)

Jungle Broadcasts

Bound for the Amazonian forests of South America in search of scientific data, an American expedition now on its way to British Guiana will be the first in the history of jungle exploration to be guided by radio direction bearings, and to broadcast from the heart of the jungle.

THE Holden Expedition, which left New York during the last week in August to carry on scientific exploration in Amazonian jungle regions of South America, claims that it will be the first in the history of jungle exploration to be guided by radio direction bearings.

The expedition, headed by Dr. William Hall Holden, Staff Surgeon of the American Museum of Natural History, will maintain contact with the outside world from the deep interior of British Guiana and Brazil by means of direct linkage with the National Broadcasting Company, and will attempt to chart its course through the densest jungle regions on earth by means of special radio equipment furnished by the Radio Corporation of America.

The purposes of the journey—Dr. Holden's second into an area as little known as any in the world—were set forth by the members of the party in a broadcast over the Blue Network of the National Broadcasting Company, Tuesday, August 24.

After the expedition reaches British Guiana, its progress will be described once or twice weekly (depending on technical conditions) in broadcasts relayed from the jungle through RCA Communications to the networks of the NBC.

In addition to Dr. Holden, the party includes Dr. A. C. Smith, associate curator of the New York Botanical Gardens; Robert Snedigar of the Department of Herpetology of the American Museum of Natural History; William G. Hassler, official photographer; Neil MacMillan, field assistant; and Orison W. Hungerford, radio engineer.

Into the Unknown

Dr. Holden's primary task during the journey, which will take about six months and will be concentrated in the jungle for about three months, will be to carry out an intensive study of the diseases and drugs of the Indian tribes which live along the northern tributaries of the Amazon River. The other members of the party will collect reptiles, amphibians, small mammals, and insects, as well as botanical specimens.

The sector to be explored is the remote, inaccessible, and little known Sierra Akarai range of mountains in the southernmost portion of British Guiana along and within the Brazilian border. No scientific collecting or study of the type to be undertaken by Dr. Holden and his associates has ever been attempted before in this section, and, hence, it may be expected that data will be obtained that will throw new light on the dark jungles of equatorial South America.

Many of the natives have never seen a white man, and a considerable number of the existing map indications of rivers, mountains, and places are either roughly approximate or known to be inaccurate. Dr. Holden also will seek to learn whether or not the belief of natives that white men cannot live in certain areas is well founded.

On arrival at Georgetown, British Guiana, the party will embark on two specially-built river boats, now under construction. These boats, each 32 feet long and six feet in the beam, with a 32-horsepower outboard motor, have a draft of only two feet ten inches in order to negotiate the swift but shallow rivers.



Takutu Creek, in the British Guiana bush

Travelling via Radio

From Georgetown, the party will travel far into the interior to establish a base camp about 600 miles from the coast. At this camp, the main radio equipment will be installed. It will consist of a 200-watt transmitter supplied with a speech amplifier of 18 watts, an RCA receiver, loudspeakers, and other equipment, all of which has been constructed to allow for the humidity and high temperatures of the region.

Two gasoline motors will generate the power supply for the transmitter, and a diamond-shaped directional aerial will be used to maintain direct communication with Riverhead, Long Island.

In addition to the base camp radio equipment, the party will have a portable radio set with a transceiver consisting of a crystal control transmitter, and a short-wave receiver, the set operating on power provided by a hand-driven field generator.

By means of the portable set, Dr. Holden, operating in the field, will maintain two-way contact with the base and will relay broadcasts to the outside world. The important rôle of this set, however, will be that of charting the bearings of Dr. Holden's outpost party as it goes out into the deepest part of the jungle.

Using the same principle of triangulation by which RCA's radiomarine direction-finder functions, Dr. Holden will try to find his position in the jungle by maintaining communication on the one hand with the base camp and on the other with the radio station at Georgetown.

In this fashion, he believes he will remove one of the great hazards of his trip—that of being lost in the uncharted jungle. By means of the portable set, which has a range of about 200 miles, Dr. Holden will be able to go farther from his base than would otherwise be possible.

The Radio War

(Continued from page 5)

They still used the call sign EAJ8, which they had used at the latter town, but they increased the power, so that their broadcasts could often be heard clearly in this country.

A move by the Government later in February probably regained for them, momentarily, at least equal power of expression with the Insurgents, for they moved Union Radio Madrid up the wave scale slightly, so as to be just out of range of the 274 metres waveband requisitioned by Radio Nacional. The result was even clearer reception of Madrid than formerly. What certain French stations of neighbouring wavelengths (particularly Bordeaux-Lafayette) had to say is not known, but after several days Union Radio Madrid resumed its own wavelength (or just a shade lower), since when it can be heard, struggling to make itself audible, as a background to the interloping station. About the same time, Barcelona EAJ1 increased its power and took over, temporarily, much of the propaganda for other countries in their various languages.

"RADIO TRUTH"

However, the Insurgents still appeared to be on the offensive. On February 23 they put on a special transmission to the people of Spain, just before 8 p.m., and again at 11.20, under the impressive title of Radio Verdad (Radio Truth). This broadcast was put out on four wavelengths, including the 377.4 metres of Barcelona EAJ1, with an overwhelming strength and clearness. Radio Verdad was "on the air" again on the 25th, and it announced that it would be a daily service in future, using two short-wave transmitters as well as the four medium wavelengths for its broadcasts at 7.30 and at 11 p.m., in Spanish and in Catalan. For the special annoyance of Barcelona broadcasters, this intruder left on its carrier wave of 377.4 metres to distort that wavelength for the other party for the rest of the evening. After a week this transmission abandoned Barcelona's wavelength, to confine its activities to the Italian medium wavelengths, on which it continued to be heard very clearly twice each evening.

NEWS BROADCASTS CUT

On the medium waves the Government stations were content to serve their own regions of reasonably good reception in the peninsula, putting up their best resistance against Insurgent interference on their wavelengths, and leaving the broadcasting of their cause to other countries to be dealt with mainly by their short-wave transmitters. Consequently, through the spring and summer months, Union Radio Madrid, EAJ7 has been heard in this country, to anything like advantage, only very occasionally, when conditions have been favourable, and before Salamanca comes on to dominate their wavelength later in the evening. Bilbao could still often be heard clearly until the Insurgents captured that city in June. The two Barcelona stations, EAJ1 and EAJ15, while often quite clear, now concentrate on serving their own regions and broadcast almost entirely in Catalan.

Meanwhile, for the Insurgents, Radio Nacional, from Salamanca, has dominated the 274 metres wavelength and Radio Sevilla the 410.4 metres wavelength, with greater or less background interference from the two Madrid medium-wave stations, EAJ7 and EAJ2 (Radio España) respectively.

W. R. A. W.

LETTERS TO THE EDITOR

Knob-Twiddling v. Planned Listening

SIR,—“Knob-twiddlers” have never approved the appellation—even back in my “ham” days, which, as Mr. H. MacLean (Jnr.) will realise, if he looks up my letter of June 11, have faded into the dim, distant past. I trust that Messrs. R. H. Booth and Michael Bampton have read the conditions of issue on the back of their wireless licences—particularly paragraph 2—as they may not be aware of the fact that in the early days the P.M.G. put a bar on reaction.

Some time back we were treated to a very helpful article on planning one's listening, which must have converted a number of those “switch-on-and-let's-see-if-there's-anything-worth-listening-to” addicts.

A visit to the theatre or the “movies” is invariably preceded by much intense study of the programmes offered, but WORLD-RADIO and the *Radio Times* are seldom consulted until the “twiddler” has “howled” through the entire waveband, usually to the annoyance of his family and neighbours.

My average day's listening is from 6.30 a.m. to midnight, and, for the past ten years, I have given my employes the benefit of the Home and Empire programmes, for which they have shown their appreciation. I find it an immense help to my week's listening to tick off the desired items during the preceding week-end.

As a subscriber to Continental radio papers, let me congratulate you, Sir, on the excellent programme lay-out in our WORLD-RADIO, which I commend to the earnest consideration of all those set-owners whose one aim appears to be the determining of the “programme value” of a number of stations, without a thought for the actual programme of any one. WORLD-RADIO certainly does its share in assuring us Good Listening.

Yours faithfully,
E. W. G. HERMAN.

London, W.1, September 18.

DAYLIGHT RECEPTION

In reply to your correspondents Messrs. E. W. G. Herman, H. MacLean (Jnr.), and R. H. Booth regarding daylight reception, I agree with R. H. Booth in supporting H. MacLean (Jnr.) and append my noon log for Saturday, September 18.

L.W.—Hilversum 1, Moscow, Deutschlandsender, Droitwich, Motala, Warsaw, Luxembourg, Kalundborg. M.W.—Stuttgart, Brussels 1, Prague 1, Lyons PTT, Cologne, N. Reg., Paris PTT, Scot. Reg., Toulouse PTT, Welsh Reg., Berlin, Strasbourg, Poznan, L. Reg., Toulouse R.T., Brussels 2, Poste Parisien, Hilversum (2), Mid. Reg., W. of E. Reg., Bordeaux-Lafayette, R. Normandie, Lille R. PTT Nord. Those are not the sum total receivable; but those of lesser strength, not up to the average good programme strength, I have omitted. Only one of the above is doubtful—i.e. Warsaw, which was rather overlapped by Motala and Luxembourg.

My set is a 5 v. superhet. of last year, of popular make, and includes a S.W. band 16-50 m. Of course, my position on the map may be ideal (only 26 miles from the South Coast). My aerial is 20 ft. high, approx. 28 ft. in length, and runs N.-S. If Mr. Herman doubts the above, I invite him to visit my station, which is an ordinary barrack-room.

My congratulations to Mr. R. H. Booth in supporting Mr. H. MacLean (Jnr.), and I agree that he certainly is not a “knob-twiddler” as suggested. Good work, MacLean, and good luck; you receive my support entirely, having proved for myself that your log is correct.

L. W. BROWN (Pte.).

Bordon, September 18.

What is a “Ham”?

I should be interested to know what Mr. H. MacLean (Jnr.) considers a “ham” to be. He talks about a “ham” setting his dial on stations, and never doing what he describes as “knob-twiddling.”

Firstly, if there was ever a “knob-twiddler,” I should say it was a radio “ham,” from what I have seen of them.

Nor can I imagine a “ham” diligently searching the medium waves for elusive R4 signals at midday. He would much more likely be working other G stations on 40 m. or trying frantically to raise a K6 or VK on 14 Mc/s.

As about fifty per cent. of the radio amateurs of this country are DX fans, and they all deal only with the short waves, they would not get much “kick” out of listening to medium-wave European broadcasting stations.

G. W. BARRON.

Whetstone, N.20, September 17.

AMERICA ON MEDIUM WAVES

I was very interested to read Mr. E. C. Ehrmann's letter about the reception of America on the medium waves. Until recently, I have always ignored the medium waves after 1 a.m. in favour of short-wave reception.

After listening to the Louis-Farr fight, however, I switched on to the medium waves at about 4.15 a.m. B.S.T. To my surprise, I picked up eighteen stations in quite a short time. By identifying some, and checking the wavelengths of others, I found that fourteen of them came from stations in the United States, and included WJZ, WHAM, WABC, and WCAU. The remaining four stations came from Buenos Aires, and included LR6 (Radio “La Nacion”), and LS8 (Radio Stentor).

Since that night I have listened on several occasions, and have found that there are always about ten stations from the American continent to be heard, even when conditions are not particularly good. I have not yet repeated the performance of the night of the fight, as far as numbers go, and I would like to hear from other listeners as to whether conditions were exceptionally good on that night. I should also be very interested to hear listeners' experiences with DX listening on the medium band.

My set is a 6-valve all-wave commercial model, used in conjunction with an inverted L aerial.

D. H. DUSSEK.

Alton, Hants, Sept. 13.

THE AUSTRIAN PROGRAMMES

I find that I receive the Austrian transmissions much stronger and clearer on 231.8 metres from Klagenfurt than from Vienna 506.8 metres, despite the vast difference of power, i.e. 5 kW : 100 kW. Perhaps other readers can suggest a reason for this.

ROLAND A. WHITE.

Stamford, Lincs.

PROGRAMME PERSONALITY

Jolly Willi Stech,
of Deutschlandsender

(From our Berlin Correspondent)

WILLI Stech is the jolly young man who provides Deutschlandsender listeners with their lighter musical fare. It is his job to arrange and devise the station's light musical programmes, and to see to it that listeners remain entertained.



He was born in the Rhineland, and his heart is still in Krefeld, although his family really come from Baden. But his father ran away from the family farm to become a musician, and so the connexion was severed. Young Willi had to start

practising the piano when he was five years old. His father was determined to make a musician of him, but Willi did not enjoy it. However, he toiled along, and at the age of seventeen he reached the stage where he liked to play for the sake of the music.

His technique was so good that he won a scholarship in Cologne, and became one of Professor Eduard Erdman's best pupils. By the time his studies were ended he found that playing in cafés and night clubs would not keep him and his young wife, a charming blonde from Krefeld. This was at the time of the bad years around 1930, when the depression was just setting in, and he gladly accepted his father-in-law's invitation to drive lorries for him in his haulage business.

Willi Drives a Lorry

He gave up the piano entirely and concentrated on his new job of hauling wash preparations through the Rhineland. Then, one day, an old friend remembered him, and asked him to give a concert at the Cologne station. He agreed, and practised twelve hours a day for four weeks to get up to standard again. This concert gave him back the taste and longing for his piano, and he decided to return to music.

As a collector of, and an expert in, recorded music he soon found an opening with the Deutschlandsender, which at that time (1933) was just building up its staff. Since then Willi Stech has not looked back. Apart from concert engagements in the studios, he has played, or will play this winter, in Baden-Baden, Leipzig, Munich, and many other important towns.

“Haulage Rhythm”

Willi Stech does not compose, but he told me that if he had time he would compose Jazz, and notably a “Haulage Rhythm,” depicting a heavy lorry travelling along a trunk road. He is very good at improvisation. Once a man had been asked to supply music to accompany a recital of Morgenstern's satiric poems. The composer fell ill and, as there was no time to ask another, Stech sat down at the piano and improvised the accompaniment to the poems, with which, luckily, he was familiar. The recital was such a success that it was repeated some weeks ago in the Berlin Regional Programme.

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.

SUBSCRIPTION RATES
12 months Inland and Canadian, 13s.
12 months (Foreign), 15s.

Other periods pro rata. Prices include postage.
Subscriptions to Publications Dept., Broadcasting House, London, W.1, or 35, Marylebone High St., London, W.1.

TELEVISION PROGRAMMES AND NEWS

Frequencies—Vision: 5 Mc/s; Sound: 41.5 Mc/s. All programme times shown below are approximate. From 11.0 a.m. to 12.0 noon each day, films intended for demonstration purposes will be shown.

A Week of Film-Studio Transmissions

By "THE SEER"

MONDAY, September 27

- 3.0 p.m.—Syd Walker in "Walk Up!" with Jackie Billings.
 3.25—Gaumont-British News.
 3.35-4.0—"Victorian Afternoon:" a sentimental journey into the '60's with Olive Groves, Linda Gray (by permission of R. S. Trelawney), Geoffrey Dunn, Joan Butterfield, Thérèse Langfield, Isobelle Gull, Tom Hill, Lionel Solomon, Guy Daines, Charles Forwood.
 9.0—Cabaret.
 9.25—James Stephens speaking some of his own poems.
 9.35—British Movietone news.
 9.45-10.0—Ballet: "Siesta," and "Portsmouth Point," by William Walton.

TUESDAY, September 28

- 3.0 p.m.—Roy Fox and his Band.
 3.20—British Movietone news.
 3.30-4.0—"Turn Round:" a dramatisation by S. E. Reynolds, illustrating the life of a liner in port.
 9.0—Speaking Personally: Dame Ethel Smyth, D.B.E.
 9.10—Lina Menova in Continental songs.
 9.20—Gaumont-British News.
 9.30-10.0—"Turn Round" (See 3.30).

WEDNESDAY, September 29

- 3.0 p.m.—Scenes from the Arts Theatre Club production of "Van Gogh," a play by Dan Burke, with Esmond Knight as Van Gogh, Wilson Barrett as Theo Van Gogh, Noel Dainton as Gauguin.
 3.25—Gaumont-British News.
 3.35-4.0—"Picture Page."
 9.0—"Walk Up!" with Syd Walker and Jackie Billings.
 9.25—British Movietone news.
 9.35-10.0—"Picture Page."

THURSDAY, September 30

- 3.0 p.m.—Round the Film Studios. No. 1—Pinewood.
 3.15—Marc Anthony in selections from his repertoire.
 3.20—British Movietone news.
 3.30-4.0—"100 per Cent. Broadway," with Evelyn Dall, Gloria Day, and The Merriell Abbott Girls from the Dorchester Hotel.
 9.0—Round the Film Studios. No. 1—Pinewood.
 9.15—Marc Anthony.
 9.20—Clothes-Line: the first of a series showing how important dress has been, is, and will be.
 9.35—Gaumont-British News.
 9.45-10.0—Sports Review.

FRIDAY, October 1

- 3.0 p.m.—Round the Film Studios. No. 1—Pinewood.
 3.10—Friends from the Zoo.
 3.25—Gaumont-British News.
 3.35-4.0—Cabaret.
 9.0—Round the Film Studios. No. 1—Pinewood.
 9.10—Friends from the Zoo.
 9.25—British Movietone news.
 9.35-10.0—"Victorian Afternoon."

SATURDAY, October 2

- 3.0 p.m.—Round the Film Studios. No. 1—Pinewood.
 3.15—In our Garden—C. H. Middleton.
 3.30—British Movietone news.
 3.40-4.0—"Keep your Eye on the Ball:" a sporting revue.
 9.0—Round the Film Studios. No. 1—Pinewood.
 9.15—"They're Off!" a musical melodrama.
 9.45—Gaumont-British News.
 9.55-10.0—"Put your Clocks Back: a topical item, presented by Mary Adams.

ARRANGEMENTS for the outstanding series of transmissions from the Pinewood Film Studios at Iver Heath from September 30 to October 5 have now been worked out in detail, and it is hoped to work closely to the following plans.

There will be two transmissions daily, both afternoon and evening, each lasting approximately fifteen minutes. On the opening day,

director of thrillers, Alfred Hitchcock, with the leading lady of his new picture, Nova Pilbeam.

The final transmission from Pinewood, on the Tuesday evening, will show Paddy Carstairs directing *Incident in Shanghai* on the Paramount stage, with Patrick Barr and Janet Johnson, the new Australian discovery, as the stars.

The Pinewood transmissions are being produced for television by Dallas Bower and Philip Dorté, both of whom have come to the BBC from the world of films.

The eerie and bizarre offer great scope to the television producer, who can select and accentuate his effects by close-ups and unexpected camera angles. The opportunity will not be missed by George More O'Ferrall when he produces *Van Gogh* for television tomorrow evening (Saturday) and in the afternoon programme on September 29.

The play, which was recently presented at the Arts



The Arsenal team inspect the television camera at Highbury

Thursday, September 30, Maurice Chevalier, the French film star, will escort the camera through the main "street" to the carpenter's shop, where George Carney will explain the intricacies of "set" construction. Sonnie Hale will be seen in the evening directing Jessie Matthews in the new Gaumont musical film, *Sailing Along*.

The Pinewood power-house, plasterer's shop, and exterior "lot" will be seen on the Friday afternoon; in the evening the television cameras will be installed in one of the Paramount studios, to show Henry Cass directing *Lancashire Luck*, featuring George Carney.

On Saturday afternoon, October 2, the dressing-rooms will be visited, and it is hoped to meet such stars as Lilli Palmer, the Austrian actress of *Secret Agent* fame, and Desmond Tester, the boy actor. On the same evening the distinguished French director, René Clair, will be seen producing Maurice Chevalier and June Knight in the new Jack Buchanan musical film, *Break the News*. An enormous set will be in use for a scene at the Old Bailey.

Broadcast listeners familiar with Louis Levy's "Music from the Movies" will be specially interested in the afternoon transmission on Monday, October 4, which, it is hoped, will coincide with a recording session. Jessie Matthews, Louis Levy, and the Gaumont-British Symphony Orchestra will be seen making sound tracks. On the Monday evening the "mechanics" of film-making will be televised; viewers will see activities on a Paramount set just before work begins on a new picture.

The Pinewood garden, as mentioned in this column last week, will also be televised, the time selected being Tuesday afternoon, October 5. The cameras will go in search of celebrities, among whom it is hoped to discover that famous

Theatre, deals with the tragic life of the great, but eccentric, Dutch artist, who, in a fit of madness, cut off his own ear. It was written by the ex-jockey, Dan Burke.

Reproductions of some of Van Gogh's best-known pictures will be televised in the course of the play, including "Sunflowers" and "Sunset over the Cornfield." This latter was Van Gogh's last work, for, as the final scene of the play depicts, it was on this picture that the artist was working when madness overtook him for the last time.

The choice of incidental music for television is a fascinating, but not always an easy, task. The wealth of material available in the small gramophone and music library already in existence at Alexandra Palace has its dangers. If the programme is primarily of pictorial interest—a dress parade, for instance—the music must not be obtrusive; Beethoven's "Ninth" would be out of place. Fortunately, the lesson has been learnt, and we no longer see—as once actually happened—mannequins parading for Ascot to the accompaniment of Delius's "Brigg Fair."

The musical background for the televised fashion parade on Thursday, September 23, gave an appropriate setting. The parade opened with "Lovely to Look At," and the models appeared in their new morning clothes to the tune of "Shoe Shine Boy." "September in the Rain" was perhaps the inevitable choice for a display of the new "macs." Lunch turn-outs were accompanied by "Shall I See You Again?" subtly followed by "Maybe" as the tea frocks were shown. Jaunty costumes for cocktail time were ushered in "With Plenty of Money and You." Finally, the evening frocks were faded out with "Love, Please Stay."

America's Television Plans

LEAVING IT TO THE BUSINESS MEN

(From a Correspondent)

SHADOWS of the impending television revolution in America flicker in every corner of radio, from the sunswept slopes of Hollywood to the chrome of Radio City, New York, but no one seems able clearly to gauge the potentialities of the shadowy indications, although everybody appears to be overwhelmed by the possibilities. President Roosevelt, in a letter to Mr. Lenox Lohr, President of NBC, at the dedication of the network's new Washington studios, stated that he believed television will be established sooner than many of us realise in homes throughout the country. "Indeed," said the President, "it may not be long before radio will make it possible for us to visualise, at the breakfast table, the front pages of daily newspapers and news reports, no matter how remote we may be from the place of their publication and distribution."

As in the Hollywood studios of both NBC and CBS, now under renovation, elaborate arrangements have been provided in the NBC Washington centre for television broadcasting and show production. Another indication of the television trend is the contracts of broadcasting stars, all of which contain a "television clause" which calls for their exclusive services for visual broadcasting should it come into operation during the term of their agreements, most of which are for one year only, and seldom more than three years.

Colour Television

Developments are being closely watched by the National Communications Commission, and it has just released a report of the National Resources Committee which states that colour

television is already a laboratory accomplishment and that it may become practical before long. It goes on: "Development has been started in three-dimensional sight and sound (in television). If we consider past progress in this field, is it too much to expect that a future generation will be able to sit at their firesides and see produced before them in actual colours, and in three dimensions, both visually and acoustically, scenes which are being instantaneously transmitted from the interior of some forest, accompanied with all the fragrant odours of nature, and eventually the addition of a vicarious tactual sensation?"

An Electron Telescope

I took a journey the other day over to the rambling brick buildings, set almost beneath the great Delaware River bridge, that are the RCA experimental laboratories in Camden, N.J. Here, under the direction of 48-year-old Dr. Vladimir Zworykin, graduate of the Petrograd Institute of Technology, officer in the Russian radio corps during the World War, and now a naturalised American citizen, the RCA-NBC television scheme has developed.

When asked about television in America, Russian-born Dr. Zworykin grinned and said: "It was much easier to skim the cream off the top than to get the cream out of what's left. Improvements on our television technique will be a lot slower than the first steps." Dr. Zworykin brushed his hand over a strange looking gadget of glass and wires. "That," he said, "is one of the important scientific devices developed in the laboratory during experiments with television." It was called an "electron

telescope," and, proud as a boy demonstrating a toy, Dr. Zworykin rigged it up and turned out the lights in the room. By peering into the lens that looked like a trick camera, you could see objects on the other side of the dark room, objects invisible without the telescope.

The device, a by-product of television, he explained, was sensitive to infra-red and other rays that made electrons behave like ordinary light rays. The instrument could thus pierce darkness and haze when the human eye failed. Astronomers are experimenting with it, and the search for better television may lead to a greater advance in the study of the universe. There, too, they had developed another instrument from the experiments into electron optics (which resulted in the "iconoscope," the cathode ray tube that picks up the image in television as the microphone picks up sound) that they called the "electron microscope." It enables scientists to study living organisms without the intense light and colour tinting required for ordinary microscopes, which often kills the specimens.

But television itself? "Well," said Dr. Zworykin, "they've got it in New York now!" The tone of the utterance seemed to imply that American engineers believe that television is now more of the "business" man's problem than theirs. G. M. L.

Televising 1,100 Miles

GERMAN Post Office engineers recently arranged an interesting experiment. With the completion of the television cable connexion between Berlin and Munich they looped the two lines to give a continuous line from Berlin-Leipzig-Nürnberg-München, and back. They then sent a 180-line picture over the one strand, and it came back from Munich over the second, having completed a journey of nearly 1,800 kilometres. In spite of the great distance the engineers reported the quality to be good.

Which station was that?

This feature is intended for the use of readers who desire the identification of broadcasting stations only, whether on long, medium, or short waves. For particulars of amateur transmissions readers are referred to the relevant paragraph below.

Free Queries

Each query should be numbered and the questions on the coupon carefully answered. Letters must be addressed to the Editor, WORLD-RADIO, Broadcasting House, London, W.1.

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."

Time of Reception

The identification of stations will be greatly facilitated if readers, in answering the first question in the Identification Coupon, will always add a.m. or p.m. to the hour of reception—e.g., 12.5 a.m. to indicate five minutes after midnight.

WAVERER (Eastbourne): Regret, cannot trace; there is no French broadcasting station working on a channel between those you mention. **PHILDENAL (S.W.16):** (1) TYA2, Paris, on 33.19 m.; relays programme to Algiers; FVA, Algiers, operates on 33.48 m.; (2) must be harmonic of medium-wave station, possibly Radio Strasbourg (seventh or 49.89 m.); (3) OER2, Vienna, on 49.41 m.; OER3 works on 25.42 m. **LOG-KEEPER (Penzance):** (75) WQD, Rocky Point (N.Y.), is given as a commercial telegraphy and telephony station working with the Argentine on 15.82 m.; more likely to be WQP, Rocky Point, on 21.58 m.; (76) regret, cannot trace; (77) surely CSW, Lisbon, on 30.18 m. **INTERESTED (Perth):** Possibly HPSJ, Panama City, last reported working on 25.64 m. **CURTIDIT (Croydon):** Please number your queries. (1) W2XE, Wayne (N.J.), CBS; (2) OZF, Skamlebaek (Denmark), on 31.51 m. **DOJAR (Aston):** (1) apparently harmonic of French medium-wave station; probably sixth of Poste Parisien (Paris); (2) French experimental amateur transmitter. **MAN OF KENT (Portlade):** (447) OXY, Skamlebaek (Denmark); address letters to: Stadsradiofonien, Heibergsgade, 7, Copenhagen, K,

Denmark. **ONDA CAUGHT 'ER (Birmingham):** (1) possibly W3XAU, Philadelphia (6.06 Mc/s); not mentioned in published programmes; (2) COBC, Havana (Cuba), relays CMBC on 32.22 m. **NEWNU (Lee-on-Solent):** SBG, Motala (Sweden), testing on 19.8 m. **GREENGAIRS (Airdrie):** VK3LR, Lyndhurst (Victoria). **CO-PA (Knowle):** Would tally with Radio Renascença (Emissora Catolica Portuguesa), Lisbon, on 5.98 Mc/s. **SCHOOLBOY DX-ER (Portsmouth):** See "Curtidit" (2). **HAWKEER (Holbeck):** (1) regret, cannot trace; (2) this is the call of EDR3, El Tablero, Canary Islands, operated by the Radio Club de Tenerife. **PRETTYMAN (St. Austell):** It is a difficult matter to identify the transmitter owing to the large number of short-wave stations now working in Spain; from details given, possibly Burgos on 1.5 m. **NINE BISHOPS: W2XGB, Hicksville, (N.Y.), on 17.31 Mc/s. DON (Edgbaston):** Air Ministry weather reports for aviation services from Borough Hill, Northants, on 1.181 m. **PLASCO (St. Louis, France):** (444) oui, TIGPH, San José, Costa Rica, sur 51.52 m.; La Voz de la Victor; signal d'identification: 4 coups de gongs ou petit carillon; clôture l'émission en jouant la *Good-Night Song* de Ted Lewis; adresse: Gonzalo Pinto Hernandez, Alma Tica, Apartado Postal 800, San José, Costa Rica; (447) YV3RA, Barquisimeto (Venezuela), récemment capté sur 51.02 m. **STUDENT (Wunderinere):** Please number your queries. (1) WQQ, Rocky Point (N.Y.), on 14.81 m., relaying Geneva broadcast; (2) WQD, Rocky Point, commercial transmitter used for point-to-point relays (15.82 m.). **MUSIC (Worthing):** (1) new Paris medium-wave station, Radio 37 (Rucl-Malmaison), on 832 kc/s; (2) surely German common wave (1,195 kc/s); (3) N. V. Philips Radio, Eindhoven, Holland. **PLUM (Bradford):** (38) no, W3XAL does not work on this wavelength, but you may have heard a relay of the broadcast through a point-to-point commercial transmitter; (39) no, not 36 m., but possibly 31.57 m. (OLR3B). **NEW RECRUIT (Erdington):** Probably Radio Salamanca, which may be tuned in just above Radio-Normandie nightly. **NIGHT BIRD (Alton):** Commercial radio-telephony transmitter; probably Drummondville (Quebec). **DING-DONG (Abingdon):** (1) could only be ZBW4, Hong Kong, on 19.75 m. with which the time of transmission tallies. **HALF PAST SIX (Woking):** Please number your queries. (1) XEBT, Mexico City (6.00 Mc/s); address: El Buen Tono S.A., Apartado Postal 79-44, Mexico City, D.F.; (2) HPSB, Panama City, on 6.03 Mc/s; address: Estacion Radiodifusora Miramar de la Radio Panama, Apartado Postal 910, Panama City, Panama.

AMATEUR TRANSMITTERS

The identity of amateur transmitters may be found in the "Radio Amateur Call Book." The Summer Edition (price 6s. post free) can be obtained from the BBC Publications Management Offices, 35, Marylebone High Street, London, W.1. The 1937 Edition of the "Radio Amateur Handbook," price 5s. 6d. post free, can also be had from the above address.

Esperanto Transmissions

Tuesday: Kaunas 9.20 p.m. Nja Anguleto, Rio de Janeiro (31.58 m.); 11.30 p.m. Diversafoj pri Brazilo. **Wednesday:** Paris (PTT) and relays, 2.00 p.m. L'Esperanto en s'amusant. Barcelona (40 m.) 9 p.m. La Progreso de la Hispana Luktado. **Saturday:** Hilversum (301.5 m.) 4.10 p.m. Kroniko pri la Esperanta Movado. Rome 7.0 p.m. Turismo en Italujo. Lyons (PTT) 8.05 Esperanto Kroniko. Barcelona (40 m.) 9.10 p.m. Informoj de la Batalfrontoj.

IDENTIFICATION COUPON (No. 450)

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 (or, for short waves, in megacycles) 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.)

Some Aspects of Rectification

By N. W. McLACHLAN, D.Sc.

How electromechanical rectification may occur and how it formed a problem in the design of moving-coil loudspeakers

IF one were asked to define the term "rectification," the answer would probably be that it was the process of obtaining unidirectional current from alternating current. When an alternating current of radio frequency is modulated by an audio-frequency current, we then regard the rectification process as "detection." The radio currents are inaudible, owing to the very high frequency, but after passing the rectifying valve or detector they are audible in a pair of headphones—or from a loudspeaker. If the radio current is unmodulated—*i.e.*, it is merely a carrier—no sound is emitted from the loudspeaker, because the rectified current is constant, unidirectional and therefore inaudible. When the carrier wave is modulated by audible frequencies, the rectified current consists of a unidirectional component, upon which is superimposed currents of audio frequency. In this case the inaudible modulated radio current is ultimately detected or transformed into audible frequencies.

The reader knows, perhaps from experience, that the process of obtaining D.C. from the A.C. mains is not so simple as appears at first sight. The mains bring in all manner of electrical currents, in addition to 50 cycle A.C. However, we shall confine our attention to the latter species of current.

Rectifying A.C. Current

To obtain unidirectional current, a thermionic valve or a metal-oxide rectifier is interposed in the path of the A.C. The rectifier strenuously resists the passage of current in one direction, but less strenuously in the other direction. When the characteristic of the rectifier, showing the relation between current and voltage, is plotted, a curve of the type illustrated in Fig. 1 (a) is obtained. Near the point O, the curvature changes rapidly, and it is this feature which enables rectification to be carried out. If the characteristic had the form of the straight line CB, the alternating current would flow equally well in both directions, so that there would be no rectifying action.

It follows, therefore, that in any A.C. circuit, if a device is interposed whose characteristic

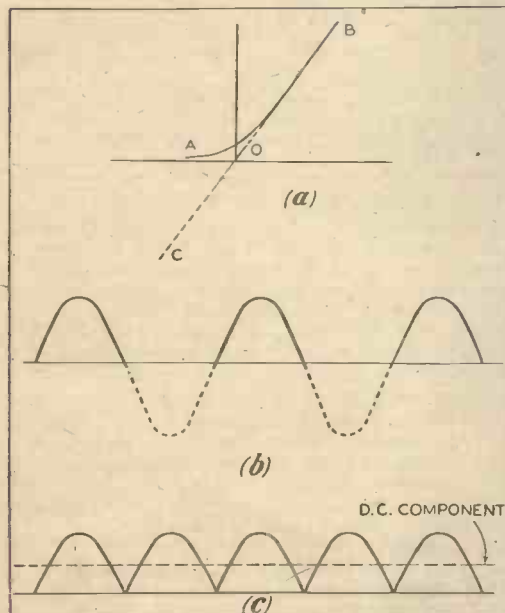


Fig. 1—Illustrating the process of rectification: (a) characteristic of rectifier; (b) half-wave and (c) full-wave rectified current

resembles AB, the current will be rectified, in part at least. If the rectifier were a perfect one, the output current, in the absence of smoothing, would have the waveform illustrated by the full-line curve of Fig. 1 (b). This is single-wave rectification, since the negative halves of the waves (shown by the dotted lines) are suppressed. When both halves of the wave are rectified by using a double or "full-wave" rectifier, the curve of Fig. 1 (c) is obtained.

Now the humped curve of Fig. 1 (c) can be resolved into a constant unidirectional current (D.C.), upon which is superimposed a series of harmonic components whose frequencies are 100, 200, 300, etc., cycles per second. These components have to be smoothed out by means of chokes and condensers, so that the resulting ripple on the direct current is small enough to be inaudible in a wireless receiver.

The Vibrating Diaphragm

Turning our thoughts in another direction, we can consider the case of a vibrating telephone diaphragm, or its equivalent, and see whether rectification occurs here. Referring to Fig. 2 (a), the circular diaphragm is clamped round its edge and is poised over two magnet pole-pieces—one being a north pole, and the other a south pole—and the clearance between the diaphragm and the pole faces is very small. A permanent magnet is used to increase the sensitivity of the telephone, and the magnetic attraction between the pole pieces and the diaphragm causes the latter to assume a slightly concave shape.

If a series of readings is taken of direct current in the magnet coil and the diaphragm displacement from its central or equilibrium position, the resulting curve takes the form illustrated in Fig. 2 (b). For a given value of direct current, the diaphragm displacement is greater when it moves towards than it is when it moves away from the poles. When A.C. is supplied to the coils, the waveform of the sound obtained from the diaphragm depends upon its motion. If a pure sine wave current of 500 c/s is fed to the coils, the diaphragm moves farther from its central position during one half-cycle than it does during the next. This effect is illustrated in Fig. 2 (c).

The underlying physical interpretation can be understood by comparison with the mains eliminator case cited previously. Instead of an electrical current, we have to consider displacement of the diaphragm from its central position. The curved characteristic of Fig. 2 (b) entails (1) a fixed displacement of the diaphragm towards the magnet poles, this being akin to rectification of the electrical current; (2) an alternating motion of the diaphragm at the frequency 500 c/s and (3) alternating motion of the diaphragm at frequencies of 1,000, 1,500, etc., c/s.

Signals Without a Detector

In the early days of broadcasting, when neither loudspeakers nor thermionic valves were available, rectification was effected by means of a crystal and the ubiquitous catwhisker. Although the apparatus was crude, the experiments were certainly more exciting than they are nowadays. Some of the more enterprising experimenters connected their telephone receivers in the aerial circuit. Strange to relate there were audible sounds. These can be explained either on the score of rectification by the telephone receiver, or by some bad contact in the aerial-earth system.

I well remember, in 1925, when using a moving-coil loudspeaker (of which there is a

replica in the Science Museum, South Kensington), that reception of distant stations was accompanied by a fusillade of morse. The circuit consisted of a "T" aerial followed by four high-frequency neodyned valve circuits, a detector, and an audio-frequency amplifier. The output was a bank of six power valves in parallel, the anode dissipation being about 90 watts. The speaker output was discharged out of doors, being much too potent for any room of average size with the customary acoustical damping! When the morse interference reached its zenith, especially on repeated dots (or reversals as they are called technically), the loudspeaker diaphragm "walked" out of the pot magnet, and finally came to rest against the outer pole ring. (It should be explained that there was no centering spider, and the surround was flexible rubber sheet.) This entailed a one-way movement of

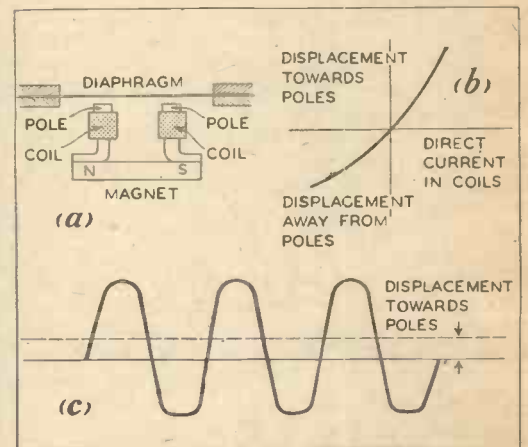


Fig. 2—Rectification in the case of a telephone diaphragm: (a) mechanical arrangement of diaphragm and pole-pieces; (b) diaphragm displacement characteristic; (c) curve showing rectification effect

just over three-eighths of an inch. At that relatively remote date, however, one was not really concerned as to the why and wherefore of the effect. It appeared to be due to a unidirectional component of force which caused the diaphragm to move outwards from the magnet.

Some short time afterwards, the same phenomenon was again witnessed when an early type of mains eliminator was being tried out. This of course introduced the now defunct (we hope!) "motor-boating" trick, so the amplitude of motion of the diaphragm was large, and the latter duly wended its way out of the magnet.

About two years later, a diaphragm was freely suspended from three long cords, and alternating current of varying frequency supplied to the coil. As the frequency was reduced, the diaphragm amplitude gradually increased, until ultimately the above effect occurred. This time a resolution was made to discover the reason for the undesirable occurrence. The diaphragm was pushed back to its normal position and stoutly resisted such treatment. When the holding force was removed, the diaphragm darted outwards again. After performing a few additional experiments to obtain more information, it was found that by starting with the coil well within the magnet, the diaphragm now moved inwards, the moving-coil ultimately collided with the metal former of the field-magnet winding, and then promptly shot outwards again.

The above description of the peculiar effect with the diaphragm appears to be indicative of electromechanical rectification. It ought to have been mentioned, that although the diaphragm moved out of the magnet, the motion of translation (along the axial line) was accompanied by an oscillation—*i.e.* the diaphragm vibrated backwards and forwards in its line of motion outwards.

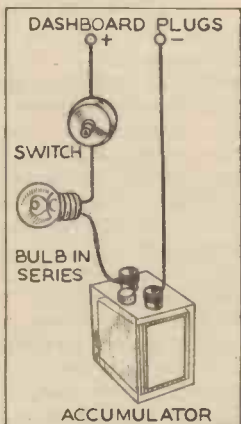
(To be continued)

RADIO ABROAD

Battery Charging and Other Problems

IN some parts of Britain, and on the Continent, it is not always easy or cheap to have the low-tension accumulator of the radio receiver charged. For instance, the writer of this note recently found himself with a battery portable set in a Northern European country where battery receivers are practically unknown owing to the high stage of development reached by the electricity "grid" in that country. Consequently, "low rate" (*i.e.* under 10 amperes) charging facilities are almost non-existent except in the large towns.

Fortunately, the trip was being made by car, and the following arrangement was made. Twin flex was run from the spare plug on the dashboard of the car to the accumulator which was to be charged, and an ordinary 24-watt, 12-volt headlamp bulb was connected in series, together with a switch, in the positive lead. A layout of the circuit is given herewith. The car was fitted with a 60-ampere-hour, 12-volt battery, and the arrangement gave a satisfactory charging rate of just over 2 amperes.



Charging radio accumulator from the car battery

If no dashboard plugs are available, the flex may be run direct from the fuse box, but an extra fuse should always be inserted in the circuit, and it is advisable to use armoured flex. For smaller accumulators, having a very low charging rate, smaller bulbs can be connected in series, and a table of charging rates for 6-volt and 12-volt circuits is given below.

| CHARGING RATE | 12-VOLT CIRCUITS | 6-VOLT CIRCUITS |
|---------------|-----------------------|-----------------------|
| 3 amperes | 36-watt headlamp bulb | 20-watt headlamp bulb |
| 2½ " | 30-watt " " | 15-watt " " |
| 2 " | 24-watt " " | 12-watt sidelamp bulb |
| 1½ " | 18-watt " " | 9-watt " " |
| 1 " | 12-watt sidelamp bulb | 6-watt " " |
| ½ " | 6-watt " " | |

Care must be taken to see that the battery is

on charge for long periods only when the car is running, except with very low-power bulbs in circuit, otherwise the car battery will become exhausted. It is a good plan to mount the "charging bulb" and its associated switch on the dashboard or other convenient place.

Before a start is made on the journey, it is wise to see that the valves of the receiver are well padded to prevent jarring, for it is disappointing if, on arrival at one's destination, it is found that the journey has proved too much for one or more of the valves, especially when in most cases it could have been prevented by a little forethought before leaving home.

Tax on Receivers

It is perhaps not inappropriate here to remark that most Continental countries place no obstacle in the way of importation of radio receivers for personal use during short periods, usually up to 90 days. However, it is always wise to consult a Travel Bureau or agency as to the necessary documents, if any, which are required. Usually it is necessary to obtain a broadcast receiving licence in the country which is visited, and many countries have special short-term licences for visitors. In a few, such as Belgium, Czechoslovakia, Italy, Poland and Sweden, a small duty tax is payable on visitors' portable receivers. In most cases this is refunded on leaving the country.

One thing that should always be remembered, both at home and abroad: namely that, even though you may want to listen to a British or foreign programme, others may not want to do so. A case was recently brought to the writer's notice where an enthusiastic dance music "fan" at a popular camping site in North Wales persistently forced his fellow campers to be unwilling listeners to the sponsored programmes of an enterprising foreign broadcasting station until the small hours. He seemed incapable of realising the annoyance which he was causing, and unfortunately no by-law prohibiting such noise was in force, so little could be done in the matter. Whilst, naturally, one would not knowingly cause a similar disturbance, it is easily done unwittingly, and, therefore, it is always considerate to keep the volume of one's loudspeaker reduced to a reasonable minimum.

W. T. E.

REPAIRING A TONE ARM

THE mouldings used for gramophone pick-up arms are sometimes rather brittle, and liable to crack if treated roughly or if a heavy record album or other object is accidentally allowed to rest on them. If a breakage occurs, the best plan is to obtain a replacement of the broken piece from the makers. It is not necessary to obtain a complete new pick-up and arm unless the apparatus is out of date and replacements are not available.

If the arm is not too badly chipped about the crack, a repair may often be effected with a glue or cement such as is used for repairing broken plates. Ordinary glue, as used by woodworkers, has been used to make a successful joint when a more suitable adhesive was not available. The glue should be used undiluted, and the parts firmly pressed together for about 24 hours until the glue has had time to harden. A glued joint has to be treated carefully subsequently, but may be strengthened by gluing a small piece of wood inside the arm.

A much stronger repair will be effected, where appearance does not matter, by cutting two thin plates of metal to fit above and below the arm, extending at least an inch on either side

of the crack if possible. The plates and arm are drilled right through and bolted together. A short narrow strip of heavier metal will be necessary to bridge the hollow underside of the arm where each bolt comes through, since a bottom plate sufficiently strong to withstand the tightening of the bolts would make the arm unduly heavy.

EARTHING

WHERE three-point sockets are fitted for electrical appliances, the third socket is usually earthed. Sometimes this earth point is used for wireless receivers, and may, in some cases, be quite satisfactory for this purpose. Sometimes, however, interference may enter through this lead owing to its proximity to the mains. Also, an earth that is considered satisfactory for electrical appliances is not necessarily satisfactory from a wireless point of view.

It should be remembered that the third point of a three-point socket is not always earthed, or indeed connected to anything, since these sockets are sometimes used to prevent apparatus intended to be connected to them being interchangeable with other sockets, perhaps carrying power charged at a different rate or of a different voltage.

B. A. M.

That's it!



Quickly and accurately all faults in your set are revealed by the D.C. Avominor. No more guessing! No calculations! Here's a radio test-bench in a single instrument—13 meters in one. The D.C. Avominor gives direct readings of current, voltage and resistance... milliamp ranges sufficient for testing all valves and apparatus; Volts for L.T., H.T., Grid Bias, Mains and Eliminator tests; Ohms ranges for all resistance tests. In case with leads, testing prods, crocodile clips and instruction booklet.



- 13 Meters in ONE**
- CURRENT**
 - 0—6 milliamps
 - 0—30 "
 - 0—120 "
 - VOLTAGE**
 - 0—6 volts
 - 0—12 "
 - 0—120 "
 - 0—240 "
 - 0—300 "
 - 0—600 "
 - RESISTANCE**
 - 0—10,000 ohms
 - 0—60,000 "
 - 0—1,200,000 "
 - 0—3 megohms
- BRITISH MADE

45/-

The D.C.

Deferred terms if desired.

AVOMINOR

Write for descriptive pamphlet
AUTOMATIC COIL WINDER & ELECTRICAL EQUIPMENT CO. LTD.
Winder House, Douglas Street, London, S.W. 1. phone: Victoria 3404-8

Songs by your favourite

tenor . . .

obligato by the electric fan



Your radio receiver

is subject to "man-made" interference from all electrical appliances in the vicinity... unless you use a K.B. "Rejectostat" Aerial. The "Rejectostat" system defeats "man-made" interference on all wave lengths from 13 to 2,000 metres. Easily

installed, a "Rejectostat" anti-disturbance Aerial will give you clearer and more enjoyable radio reception than you have ever known before.

Prices:

- K.B. 461 "Rejectostat" All-Wave Aerial Outfit - - - - 35/-
- K.B. "Rejectostat" Receiver Transformer, if purchased separately (one required for each additional receiver) - - - 12/6
- K.B. "Rejectostat" Shielded Cable, type F. Superior copper braided flexible cable of high electrical efficiency - 8d per yd.

Obtainable from any K.B. dealer

KB "REJECTOSTAT"

REGD TRADE MARK PAT. NO. 423516
ALL-WAVE ANTI-DISTURBANCE AERIAL SYSTEM

KOLSTER-BRANDS LTD., CRAY WORKS, SIDCUP, KENT

THE SHORT WAVES

Where Power Means Prestige

THE LATEST DEVELOPMENTS IN U.S.A.

IN recent months a great change has taken place in short-wave broadcasting in the U.S.A. Transmissions "below 100 metres" were formerly made on omni-directional aerials and scarcely any effort was made to introduce programmes specially designed for listeners overseas. This state of affairs was probably due largely to the fact that America has few colonial possessions to serve with a "beamed" transmission.

European short-wave stations, on the other hand, have for long exploited the possibilities of directional aerials and foreign languages to extend their influence, culture, and, in some cases, their political ideas in other countries. As a result, United States prestige was rather at a discount in certain continents—notably South America and Europe—and the American broadcasting authorities, in co-operation with the Government, decided that it was highly desirable that American short-wave broadcasting should be greatly extended and improved.

America has, of course, been transmitting on short waves for some years, but, owing to the omni-directional aerials of the stations, they were not heard abroad at great strength or consistently. It was, therefore, deemed expedient to equip existing stations with "beamed" aerials and to construct new ones to serve certain areas which could not be effectively reached from those short-wave centres already in operation. It was furthermore decided that foreign languages should be used.

With the energy and determination that characterise present-day America, work was begun so as to put this service into operation as quickly as possible; and already listeners in England, as well as in other parts of the world, are enjoying much better reception from the land of skyscrapers.

The two principal "networks" in America have, of course, been showing their usual friendly rivalry in this matter, and both the NBC and CBS are now putting out programmes in many languages over directional aerials.

Improvements at W2XE

One of the first of these "international broadcast" stations to go "on the air" was W2XE, New York. The old W2XE had an aerial power of only 1 kilowatt, whereas the new transmitter boasts an output of 10 kW and is, in addition, equipped with directional aerials to Europe and South America.

It is rather unfortunate that these improvements have not resulted in a greatly improved service from this station to England. Except for the 13 m. wavelength this station is now heard at no greater volume than before, and on 19 metres the writer finds it almost as difficult to receive now as before the alterations.* It is being heard much better in South America, however.

The head of this station is a lady—Miss Elizabeth Ann Tucker—and many short-wave enthusiasts will be familiar with her signature, which is appended to the acknowledgment cards of this station.

W3XAU and W3XAL

Another CBS transmitter which has greatly increased its power is W3XAU, of Philadelphia. On 31.28 m. this station can now be heard at really remarkable strength in the late evening. Its 49 m. transmission still suffers from interference at times.

It is the old favourite W3XAL at Bound Brook which has undergone the greatest change. This station is now equipped with European and South American "beams" in addition to omni-directional aerials, and when using its European antenna is the loudest and clearest of all the U.S. "daylight" broadcasters, with the possible exception of W2XGB, at Hicksville.

One of the changes which listeners may have noticed in connexion with this station is that it is no longer referred to as "W3XAL, Bound Brook, New Jersey" in its call, but as "W3XAL, New York." Very few people—except old short-wave "fans"—have ever heard of Bound Brook, but any schoolchild could point to New York in the atlas.

W3XAL no longer relays the "Blue" network from WJZ of New York, but picks the best items from both the "Red" and "Blue" networks for its programmes. In addition, quarter-hour broadcasts of news, specially compiled for listeners abroad and overseas, are read daily from the station, in several languages, including English. These broadcasts are comparable to the Empire news bulletins from Daventry, and are greatly to be preferred to the former U.S.A. "news-flashes."

Many of the programmes carried by W3XAL also have foreign language announcements superimposed upon them. This can hardly be described as adding to the entertainment value of these programmes for English listeners, but they should be accepted cheerfully because of the international goodwill they are sure to create.

W2XAD and W2XGB

Schenectady — another old favourite — had realised the advantages of directional broadcasting long before the present craze for beamed transmissions. Its greatly extended schedule—especially that of W2XAD—means that listeners in this country are now getting the benefit of the enterprise of the G.E. engineers.

But this is not all. In a recent announcement from Schenectady it was stated that a new 100 kW plant is to be erected at the station. This will make Schenectady the most powerful short-wave station in the world.



General view of South Schenectady experimental station, from the air

So far, Schenectady has not featured foreign languages in its programmes. It does, however, transmit news in Spanish, and occasionally gives talks in other languages—the "Travelogue" series, for example.

A new station has recently made its appearance on 17-33 metres. It uses the call-sign W2XGB and is operated by Press Wireless, Incorporated, P.O. Box 296, Hicksville, N.Y. In a letter, P. D. Zurian, the chief engineer of the station, states that W2XGB is using a power of 5 kW when operating with its aerial beamed on Europe. Reception reports are requested and will be acknowledged. At present the schedule of the station is rather brief, as it transmits only from 16.00-18.00 daily—with the exception of Saturday and Sunday. Its programmes consist mainly of "electrical transcriptions."

Boston and Cincinnati

Station W1XAL, of Boston, does not come over as well as it deserves to with its 20 kW plant and European beam. Its fine educational programmes have made it unique amongst short-wave stations, whilst its news bulletins are very accurate and reliable. The best wavelength for receiving the station in this country is 25.45 m.

W8XAL, Cincinnati, Ohio, on 49.5 m., occasionally broadcasts special programmes for its short-wave audience. It can be heard only at very inconvenient hours in this country, unfortunately, and this remark applies equally to W9XF, of Chicago, on 49.18 m. This last-named station, incidentally, conducted a series of tests with a new aerial a little while ago. The other Chicago transmitters—W9XAA, of the Chicago Federation of Labour, and W9XBS, of the National Broadcasting Company—are but rarely audible in this country.

Pittsburgh and Miami

W8XK, Pittsburgh, is one of the most disappointing of the U.S. short-wavers. A few years ago it was one of the best-heard American stations on 19 and 25 m., but lately it has so decreased in strength as to be of practically no entertainment value in this country except on a few rare occasions. With directional aerials this might be one of the most powerfully-received American stations.

W4XB, Miami Beach, Florida, continues to elude capture on most occasions when searched for. W1XK, at Millis (Mass.), is a very well-heard station, however. A new aerial, designed to give better results in Europe, has made it one of the best of the 31 m. U.S. group.

C. N.

* This does not appear to be the general experience. See page 13.—Ed.

Short-Wave News Reel

THE GRAND COULEE DAM

AT 22.00 (B.S.T.) on September 18, W2XE broadcast a radio tour of inspection of the vast Grand Coulee Dam, which is in course of construction on the Columbia River in the State of Washington. To begin the presentation, Don Forbes, CBS commentator, speaking from a United Air Lines main-line plane, gave a vivid word-picture of the huge project as seen from the air.

From our aerial viewpoint, we were then taken to the depths of the river gorge where, to the accompaniment of the roar of the river as it passed through the sluices, another commentator gave many facts about the Dam and also the two main purposes for which the building of it had been undertaken. The first purpose was to provide irrigation facilities for the arid Columbia basin, which would then be capable of supporting 40,000 farming families: the second purpose was to provide a huge output of hydro-electric power for domestic and industrial purposes. It had been estimated that the sale of power over fifty years would pay for the cost of the project.

After hearing further aerial impressions from Don Forbes, listeners were taken over to one of the two "houses of magic." From there, a commentator said that each of these houses contained four giant concrete-mixers and, after briefly describing the method of working, he said that upon completion, 11½ million cubic yards of concrete would have been used in the construction of the Grand Coulee Dam. A description was also given of Mason City, the all-electric village, which is the temporary home of a large proportion of the 7,000 workers engaged in the construction work.

Southampton. R. T. C.

INTERNATIONAL CO-OPERATION

ON Sunday, September 19, I found a very remarkable international relay of short statements by several famous politicians in progress when I chanced to tune in to W2XE at 21.45. Shortly after I began to listen, I heard that M. Hodza, Prime Minister of Czechoslovakia, was going to speak. After a short speech in English on the efforts his country was making to co-operate with her neighbours, Dr. Hodza was followed by M. Paul van Zeeland, speaking from Brussels, and a high official of the Austrian Government, representing Chancellor Von Schuschnigg, from Vienna. Both spoke in similar terms of the necessity for mutual aid in the economic and financial fields as the best means of improving conditions generally. Finally, listeners were taken over to hear M. Chautemps, Premier of France, giving his views on the same theme. The Premier spoke in French, his remarks being afterwards translated into English for the benefit of his great audience.

The concluding announcement from New York informed me that the programme had been broadcast in Canada by the Canadian Broadcasting Corporation as well as over the Columbia Network. It was arranged as a prelude to an intensive educational campaign organised by the National Peace Conference of the United States and the Canadian League of Nations Society, devised to teach the necessity for international economic collaboration as a means of ensuring peace. So ended my unique experience of hearing the voices of well-known European statesmen from America after a double crossing of the Atlantic—a surprise item of the greatest interest.

London, W.9. W. W.

AMERICAN POLO CHAMPIONSHIP

HAVING witnessed several polo matches this summer, I was more than delighted to find W2XE relaying an American National Polo Championship match from International Field, New York, at 21.00 on September 12.

Fifteen thousand spectators were accommodated in the two stands, each resplendent in a colour described as "robin's egg blue." The teams were the United States "Aurora"—represented by Seymour Knox, Jimmie Mills, Johnny Fell and Pat Rorke — and San José (Argentina) — with Luiz Douggan, Herabella Douggan, André Gazzoti and Manuel Andrada in the saddle. The commentator

made some remarks about the remarkable starting, turning and stopping ability of the thoroughbred horses—commonly called polo ponies—and said that the Argentine mounts were in charge of real gauchos.

During the first 7½-minute chukker, the Argentine team appeared to be outriding their opponents and Luiz Douggan scored from a 60-yard penalty hit, but Mills soon equalised. Workmen trampled down the divots prior to the second chukker, in which Gazzoti passed brilliantly for Luiz Douggan to put the ball through. Aurora retaliated and "Shortie" Knox scored with an easy shot.

There was no scoring in the third chukker, though Gazzoti's high shot went just wide of the post. The fourth chukker opened with Gazzoti obstructing, but the free-hit taken 60 yards from the goal was intercepted. Then one of the Douggans was charged unfairly. He was knocked off his mount, the horse turning a complete somersault and galloping off the field. After some delay, Douggan had recovered sufficiently to remount a fresh pony. Then, at 22.00, the relay ended, but I learned subsequently that San José had triumphed and would therefore pass into the semi-final.

Barnsley, Yorks. R. H. G.

MELBOURNE v. COLLINGWOOD

ON Saturday, September 18, a huge crowd of spectators was thrilled by the above contest, the Victoria Football League Final. A commentary on this evenly-contested event was heard through the facilities of VK3LR between 07.30 and 08.30.

When I tuned in I learned that Melbourne were leading by two points, and after some good play by Wood and Smith, the latter scored a converted try, to increase this slender lead. Collingwood attacked hotly, but missed chances of scoring through over-keenness, there being no further score before three-quarter time.

Collingwood continued to attack in the opening stages of the final quarter; Smith, the Melbourne half, was outstanding in defence. In spite of being penalised by free-kicks, the visitors were rewarded when Jeffries scored a clever try. Play then became very strenuous, but Melbourne made sure of victory when they scored a goal from "a beautiful placed-mark." Final time thus saw Melbourne champions by 39 points to 32, and as the excited crowd swarmed around the players we returned to the Melbourne studio.

Yate, Glos. F. J. R.

Correspondence

Ultra-Short Waves

SIR,—It might interest readers of WORLD-RADIO to know that the ultra-high-frequency band is now "opening up." I have been hearing faint signals since July 18 (R1-2), fading to zero, but since September 8 a definite increase in signal strength has been noticed. At 19.05 B.S.T. on that date W4CY was R4-FFF, calling, and later working, a Canadian station. At 19.35 W4EQ (?) was also R4-FFF calling G6GO. Both stations using 'phone.

I would be interested to hear of any others who have received any U.S. signals on this band recently.

Yours faithfully,
Monkstown, I.F.S. T. R.

"Pacific Crossing"

SIR,—In reply to A. C. K. L., of Maidstone, the call of the Hawaiian station was correctly given as KIO in my original letter. "KTO" must have been a printer's error.* I could not have confused this station with COCX as, at the end of the transmission, the time was given as "Honolulu time," and the U.S. National Anthem was played. These facts, which were originally mentioned by me, were omitted from the published "News Reel," evidently owing to lack of space. Reception was at a strength of R4-5.

Yours faithfully,
Bristol. J. E. O.

* We regret that this error did, in fact, occur.—ED.

Below 100 Metres

By "SCOTIAN"

(September 12-17)

GOOD short-wave reception has prevailed during most evenings of the above listening period on 16 m. and above, apart from Thursday when a very noticeable decline occurred on 19 m. and the lower frequencies. W2XE (13.94 m.) gave disappointing results in the early part of the week but returned to form on Thursday. JZK (19.79 m.) continues to be well received and the logging of many U.S. amateur 'phone signals on the 10 m. band around 19.00 has marked the resumption of activity on the higher frequencies.

Excellent results were obtained from W3XAL (16.87 m.) and W2XAD, on Sunday evening. By 21.30 W2XE (19.65 m.) had improved to R7 and W8XK (19.72 m.) also attained R7 around 22.30. At this time W2XAF could be heard at R6, whilst local conditions still prevailed on the 25 m. band. W3XAL and W2XAD also performed well during the evening period on Monday until "flutter" became general on 16 m. and 19 m. shortly after 22.30. W2XAF, however, gave an R6 signal at 21.20 and PRF5 (31.58 m.) was R7 when signing-on at 22.45.

Reliable U.S. reception was provided by W3XAL and W2XAD from 18.30 onwards on Tuesday. W2XE also came over well from 20.00. W2XAF—R6-7 when signing-on at 22.00 with the "Voice of Electricity" and requesting reports—attained R8 by 23.00. Others logged on the 31 m. band were W3XAU (R5), PRF5 (R7), and W1XK (R5).

W2XAD was undoubtedly the outstanding U.S. channel on Wednesday, being never less than R8 from 19.00. W3XAL, R6 throughout the evening, attained a peak strength of R7 between 22.00 and 23.00. At this time W2XE and W8XK were well in evidence. The only U.S. station worthy of mention on Thursday was W3XAL, an R6-7 signal except for a temporary decrease in volume between 21.00 and 22.00. JZK also appeared to be little affected by the poor conditions prevailing.

Friday saw the return to normal reception. W3XAL gave a good R7 signal—though slight distortion was apparent at times—and all the U.S. 19 m. broadcasters were well received. W2XGB (17.33 m.)—an elusive station lately—could be heard around 19.00 at R5-6. LSY (16.55 m.), using the slogan "The Voice of the Argentine Republic," came over very strongly when radiating the news service, followed by a musical programme at 22.00.

Short-Wave Notes

GENERAL ELECTRIC'S two short-wave stations, W2XAD and W2XAF, now operate part of the time with beam antennas directed toward South America. W2XAD (19.56 m.) operates from 17.00 to 00.00 (B.S.T.), with a beam directed toward Europe; and from 00.00 to 03.00 (B.S.T.) with Buenos Aires, Argentine, as the centre point of its beam. W2XAF (31.48 m.) operates with a non-directional antenna from 22.00 to 00.00 (B.S.T.), and from 00.00 to 06.00 (B.S.T.) with a beam directed toward South America, with Buenos Aires the centre point. On Fridays W2XAF begins transmission at 19.00, and on Saturdays at 18.00 (B.S.T.).

WORK upon the new Government short-wave station at Jaarsveld, near Utrecht, has been progressing well, but an unfortunate mishap occurred on August 30, when the 250-ft. steel aerial mast, of seamless steel tubing, fell while being raised into position and broke into several pieces. Fortunately, no personal injuries were caused.

FROM Malabar in the Dutch East Indies it is reported that no fewer than eight of the transmitters have become inadequate for the requirements of the station, and a project is under consideration for the erection of a new station at Dajeuhkolor.

THE Tottenham Short-Wave Club announces a change of address and Secretary. Any readers who are interested should communicate with Mr. E. Jones, 60 Walmer Terrace, Firs Lane, Palmers Green, N.13.

SHORT-WAVE BROADCASTING STATIONS

Frequencies are shown in megacycles per second (Mc/s). Times of operation are given on the "twenty-four-hour clock" system, "B.S.T." For transmission times of stations shown in black type see Short-Wave Programmes. The various wavebands are indicated by heavy vertical lines

| Mc/s | m. | kW | Station | Dial Reading | Mc/s | m. | kW | Station | Dial Reading |
|------|-------|-------|---|--------------|-------|-------|-------|---|--------------|
| 3.04 | 98.68 | 10 | Batavia (Java) YDA. 11.30—16.30. | ..... |  |  | 10 | Philadelphia (Pa.) W3XAU. 17.00—01.00. | ..... |
| 4.00 | 75 | 0.05 | Ponta Delgada (Azores) CT2AJ. | ..... |  |  | 20 | Sydney (Australia) VK2ME. SUN. 06.00— | ..... |
| 4.27 | 70.2 | 20 | Kharbarovsk (U.S.S.R.) RV15. 08.00—15.00. | ..... | 9.59 | 31.28 | 2 | 08.00; 10.30—14.30; 16.30—18.30. | ..... |
| 4.75 | 62.63 | .. | Vancouver (Canada) VE9BK. | ..... |  |  |  | Perth (W. Australia) VK6ME. MON. to | ..... |
| 5.15 | 58.31 | 1 | Bandoeng (Java) PMY. | ..... |  |  |  | SAT., 12.00—14.00. | ..... |
| 5.80 | 51.72 | 1 | Caracas (Venez.) YV5RC (b). | ..... |  |  | 20 | Huizen (Holland) PCJ. Exp'tl. (b). | ..... |
| 5.82 | 51.52 | 0.5 | San Jose (Costa Rica) TIGPH. 01.00—05.00. | ..... | 9.59 | 31.27 | 20 | Radio-Nations HBL. SAT., 23.30—00.00. | ..... |
| 5.85 | 51.28 | 0.25 | Maracaibo (Venez.) YV1RB. 23.00—03.00. | ..... | 9.60 | 31.25 | 20 | Moscow (U.S.S.R.) RW96 (c). | ..... |
| 5.97 | 50.26 | 10 | Vatican City (Italy) HVJ (b). | ..... |  |  |  | Caracas (Venezuela) YV5RA (a). | ..... |
| 6.00 | 50 | 1 | Mexico City XEBT. 01.00—07.00. | ..... | 9.64 | 31.11 | 1 | Sourabaya (Java) YDB. Daily, 10.30—15.30. | ..... |
| 6.00 | 49.96 | 6 | Montreal (Canada) CFCX. 23.00—04.15. | ..... | 9.65 | 31.09 | 2 | Lisbon (Portugal) CT1AA. | ..... |
| 6.01 | 49.92 | 2.5 | Havana (Cuba). COCO. 23.00—07.00. | ..... | 9.66 | 31.06 | 5 | Buenos Aires (Argentine) LRX. 12.00—04.00. | ..... |
| 6.01 | 49.9 | 1- | Bogotá (Colombia) HJ3ABH. 00.00—05.00. | ..... | 9.68 | 31 | 0.5 | Lisbon (Portugal) CT1CT. THURS., 21.00— | ..... |
| 6.02 | 49.83 | 5-40 | Zeesen (Germany) DJC. | ..... |  |  | 20 | 23.00; SUN., 12.00—14.00. | ..... |
| 6.03 | 49.75 | 0.1 | Panama City HP5B. 01.00—04.30. | ..... | 9.86 | 30.43 | 20 | Madrid (Spain) EAQ1. | ..... |
| 6.04 | 49.67 | 20 | Boston (Mass.) W1XAL (c). | ..... | 9.94 | 30.18 | 5 | Lisbon (Portugal) CSW. 23.00—01.00. | ..... |
| 6.04 | 49.65 | 2.5 | Miami (Florida) W4XB. | ..... | 10.26 | 29.24 | 3 | Bandoeng (Java) PMN. D'ly., 14.00—16.30. | ..... |
| 6.04 | 49.65 | 0.15 | Barranquilla (Col.) HJ1ABG. 00.00—04.00. | ..... | 10.33 | 29.04 | 9 | Ruysselede (Belgium) ORK. | ..... |
| 6.05 | 49.59 | 10-50 | Daventry GSA. | ..... | 10.35 | 28.99 | 12 | Buenos Aires (Argentine) LSX. 23.00—23.45. | ..... |
| 6.06 | 49.5 | 10 | Cincinnati (U.S.A.) W8XAL. | ..... | 10.36 | 28.94 | 4 | Tenerife Radio Club (Canary Is.) EAJ43. | ..... |
| 6.06 | 49.46 | 0.25 | Philadelphia (U.S.A.) W3XAU. 01.00—04.00. | ..... | 11.01 | 27.25 | 3 | Bandoeng (Java) PLP. | ..... |
| 6.07 | 49.45 | 0.15 | Motala (Sweden) SBO. Relays Stockholm | ..... | 11.04 | 27.17 | 5 | Lisbon (Portugal) CSW. W'days, 17.00-23.00. | ..... |
| 6.07 | 49.42 | 0.15 | after 22.00. | ..... | 11.70 | 25.63 | 0.25 | Motala (Sweden) SBP. Relays Stockholm. | ..... |
| 6.07 | 49.41 | 1.5 | Manizales (Colombia) HJ4ABL. 23.30—01.30. | ..... | 11.72 | 25.6 | 2 | Winnipeg CJRX. Daily, 23.00—05.00; SAT., | ..... |
| 6.08 | 49.34 | 0.05 | Georgetown (British Guiana) VP3MR. SUN., | ..... |  |  | 12 | 21.00—06.00; SUN., 22.00—03.30. | ..... |
| 6.08 | 49.33 | 15 | 13.45—16.15. Weekdays, 22.45—02.45. | ..... | 11.74 | 25.57 | 20 | Radio-Colonial (Paris) (France) TPA4 (c). | ..... |
| 6.08 | 49.31 | 0.5 | Vienna (Austria) OER2. | ..... | 11.75 | 25.53 | 10-50 | Huizen (Holland) PHI (b). | ..... |
| 6.08 | 49.31 | 0.5 | Penang (S.S.) ZHJ. Weekdays, 13.40—15.40. | ..... | 11.77 | 25.49 | 5-40 | Daventry GSD. | ..... |
| 6.08 | 49.31 | 0.5 | Chicago (Ill.) W9XAA. Weekdays, 11.30— | ..... | 11.79 | 25.45 | 20 | Zeesen (Germany) DJD. | ..... |
| 6.08 | 49.33 | 15 | 13.00; 22.00—05.00. | ..... | 11.80 | 25.42 | 50 | Boston (Mass.) (U.S.A.) W1XAL (b). | ..... |
| 6.08 | 49.31 | 0.5 | Lima (Peru) OAX4Z. | ..... | 11.81 | 25.4 | 1.5 | Tokio (Japan) JZJ. | ..... |
| 6.08 | 49.31 | 0.5 | Nairobi (Kenya) VQ7LO. SUN., 16.45—19.45; | ..... | 11.82 | 25.38 | 25 | Vienna Exp'tl OER3. Daily, 16.00—23.00. | ..... |
| 6.08 | 49.3 | 0.1 | MON. to FRI., 11.30—12.00; 17.15— | ..... |  |  | 10-50 | Rome (Italy) I2RO4 (a). | ..... |
| 6.09 | 49.26 | 0.5 | 20.15; TUES. and THURS., 14.15—15.15; | ..... | 11.83 | 25.36 | 0.5 | Daventry GSN. | ..... |
| 6.10 | 49.2 | 2 | SAT., 11.30—12.15; 17.15—20.15. | ..... |  |  | 10 | Chicago (Ill.) W9XAA. W'days, 13.00—22.00. | ..... |
| 6.10 | 49.18 | 10 | Cali (Colombia) HJ5ABD. 00.00—04.30. | ..... | 11.84 | 25.34 | 30 | Wayne (N.J.) (U.S.A.) W2XE (d). | ..... |
| 6.10 | 49.12 | 1 | Toronto (Canada) CRCX. MON. to SAT., | ..... | 11.85 | 25.31 | 5-40 | Lisbon (Portugal) CT1AA. TUES., THURS., | ..... |
| 6.10 | 49.12 | 1 | 22.00—03.30; SUN., 16.45—04.30. | ..... | 11.86 | 25.29 | 10-50 | SAT., 21.30—00.00. | ..... |
| 6.11 | 49.1 | 10-50 | Hong Kong ZBW2. | ..... | 11.87 | 25.27 | 40 | Poděbrady (Prague) (Czecho.) OLR4A (b). | ..... |
| 6.11 | 49.1 | 0.5 | Johannesburg (S.A.) ZTJ. | ..... | 11.88 | 25.23 | 12 | Zeesen (Germany) DJP. | ..... |
| 6.12 | 48.96 | 0.25 | Bound Brook (N.J.) (U.S.A.) W3XAL (b). | ..... | 12.00 | 25 | 20 | Daventry GSE. | ..... |
| 6.13 | 48.94 | 1 | Chicago (Ill.) W9XF. | ..... | 12.08 | 24.83 | 0.5 | Pittsburgh (U.S.A.) W8XK (c). | ..... |
| 6.13 | 48.92 | 0.2 | Belgrade (Yugoslavia) YUA. | ..... | 12.12 | 24.75 | .. | Radio-Colonial (Paris) (France) TPA3 (b). | ..... |
| 6.14 | 48.86 | 40 | Manizales (Colombia) HJ4ABB. 23.00—03.30. | ..... | 12.23 | 24.52 | 7.5 | Moscow (U.S.S.R.) RNE (b). | ..... |
| 6.15 | 48.78 | 0.5 | Daventry GSL. | ..... | 12.40 | 24.2 | 0.35 | Lisbon (Portugal) CT1CT. | ..... |
| 6.16 | 48.7 | 0.5 | Calcutta (India) VUC. | ..... | 13.63 | 22 | 10 | Algiers (N. Africa) TPZ. | ..... |
| 6.20 | 48.4 | 0.35 | Havana (Cuba) COCD. 23.00—06.00. | ..... | 14.97 | 20.04 | 1.5 | Reykjavik (Iceland) TFJ. | ..... |
| 6.24 | 48.04 | 0.75 | Jeløy (Norway) LKJ1. 17.00—23.00. | ..... | 15.04 | 19.95 | 25 | Parede (Portugal) CT1GO. | ..... |
| 6.32 | 47.5 | 0.1 | Halifax (Nova Scotia) VE9HX. Daily, 14.00 | ..... | 15.11 | 19.85 | 5-40 | Warsaw (Poland) SPW. | ..... |
| 6.41 | 46.8 | 0.5 | —18.00; 22.00—04.00. Fri., 18.00—20.00. | ..... | 15.12 | 19.84 | 10 | Sofia (Bulgaria) LZA. Relays Sofia (352.9 m.) | ..... |
| 6.42 | 46 | 0.5 | SAT. and SUN., 19.00—04.00. | ..... | 15.14 | 19.82 | 10-50 | Moscow (U.S.S.R.) RKI (a). | ..... |
| 6.46 | 45.31 | 2 | Pittsburgh (U.S.A.) W8XK (d). | ..... | 15.15 | 19.8 | 3 | Zeesen (Germany) DJL. | ..... |
| 6.46 | 45.25 | .. | Winnipeg CJRO. Daily, 23.00—05.00; | ..... | 15.16 | 19.79 | 50 | Vatican City (Italy) HVJ (a). | ..... |
| 6.47 | 45 | 0.2 | SAT., 21.00—06.00; SUN., 22.00—03.30. | ..... | 15.18 | 19.76 | 10 | Daventry GSF. | ..... |
| 7.80 | 38.48 | 20 | Lisbon (Por.) CSL. 12.00-14.00; 17.00-00.00. | ..... | 15.19 | 19.75 | 2 | Stockholm Tech. University SM5SX. | ..... |
| 8.94 | 33.53 | 1 | Colombo (Ceylon) VPB. (Temp'ly suspended). | ..... | 15.20 | 19.74 | 5-40 | Bandoeng (Java) YDC. | ..... |
| 9.12 | 32.88 | 5 | Parede (Portugal) CT1GO. | ..... | 15.21 | 19.72 | 40 | Tokio (Japan) JZK. | ..... |
| 9.35 | 32.09 | 5 | Trujillo City (D.R.) HIN. 01.30—03.30. | ..... | 15.22 | 19.71 | 20 | Daventry GSO. | ..... |
| 9.43 | 31.8 | 10 | Trujillo City (D.R.) HIZ. Daily, 22.40-02.10. | ..... | 15.23 | 19.70 | 30 | Hong Kong ZBW4. | ..... |
| 9.48 | 31.65 | 20 | San Jose TIPG. 17.00—19.00; 00.00—05.30. | ..... | 15.25 | 19.67 | 20 | Zeesen (Germany) DJB. | ..... |
| 9.50 | 31.58 | 12 | Valencia (Venezuela) YV4RB. 23.00—03.30. | ..... | 15.26 | 19.66 | 10-50 | Pittsburgh (U.S.A.) W8XK (b). | ..... |
| 9.51 | 31.55 | 10-50 | Riobamba HC1FG. FRI., 04.00—05.30. | ..... | 15.27 | 19.65 | 10 | Huizen (Holland) PCJ. Exp'tl. (a). | ..... |
| 9.52 | 31.51 | 6 | Trujillo City (D.R.) HIT. 00.10—02.40. | ..... | 15.28 | 19.63 | 5-40 | Poděbrady (Prague) (Czecho.) OLR5A (a). | ..... |
| 9.53 | 31.48 | 25 | Guayaquil (Ecuador) HC2RL. SUN., 23.30 | ..... | 15.29 | 19.62 | 5 | Radio-Colonial (Paris) (France) TPA2 (a). | ..... |
| 9.54 | 31.46 | 2 | —01.30; WED., 03.00—05.00. | ..... | 15.31 | 19.60 | 10-50 | Boston (Mass.) W1XAL (a). | ..... |
| 9.54 | 31.45 | 5-40 | Radio-Nations HBP. SAT., 23.30—00.00. | ..... | 15.33 | 19.57 | 10-50 | Daventry GSI. | ..... |
| 9.55 | 31.41 | 30 | Quito (Ecuador) HCJB. | ..... | 15.34 | 19.56 | 5-40 | Wayne (N.J.) (U.S.A.) W2XE (c). | ..... |
| 9.56 | 31.38 | 5-40 | Budapest (Hungary) HAT4 (b). | ..... | 15.37 | 19.52 | 20 | Zeesen (Germany) DJQ. | ..... |
| 9.56 | 31.37 | 10 | Bangkok (Siam) HS8PJ. THURS., 14.00—16.00. | ..... | 17.31 | 17.33 | 5 | Buenos Aires (Argentine) LRU. 13.00—01.00. | ..... |
| 9.57 | 31.35 | 10 | Havana (Cuba) COCH. 18.00—07.00. | ..... |  |  | 10-50 | Daventry GSP. | ..... |
| 9.58 | 31.32 | 1 | Madrid (Spain) EAQ2. | ..... | 17.76 | 16.89 | 10 | Schenectady (U.S.A.) W2XAD (a). | ..... |
| | | | Rio de Janeiro (Brazil) PRF5. | ..... | 17.77 | 16.88 | 23 | Zeesen (Germany) DJR. | ..... |
| | | | Buenaventura (Colombia) HJU. | ..... | 17.78 | 16.87 | 35 | Budapest (Szekesfehervar) (H'ng'ry) HAS3 (a) | ..... |
| | | | Daventry GSB. | ..... | 17.79 | 16.86 | 10-50 | Hicksville (N.Y.) (U.S.A.) W2XGB. 16.00— | ..... |
| | | | Melbourne VK3ME. W'days, 10.00—13.00. | ..... | 18.11 | 16.56 | 12 | 18.00 ex. SAT. and SUN. | ..... |
| | | | Skamleback (Denmark) OZF. Relays Kalund- | ..... | 18.13 | 15.93 | 60 | Hong Kong ZBW5. | ..... |
| | | | borg (1,250 m.). | ..... | 19.02 | 15.77 | 5 | Zeesen (Germany) DJE. | ..... |
| | | | Hong Kong ZBW3. | ..... | 19.35 | 15.50 | 60 | Wayne (N.J.) (U.S.A.) W2XE (b). | ..... |
| | | | Jeløy (Norway) LKJ1. 11.15—14.00. | ..... | 21.47 | 13.97 | 10-50 | Huizen (Holland) PHI (a). | ..... |
| | | | Schenectady (N.Y.) W2XAF (b). | ..... | 21.52 | 13.94 | 10 | Bound Brook (U.S.A.) W3XAL (a). | ..... |
| | | | Suva (Fiji Islands) VPD2. | ..... | 21.53 | 13.93 | 10-50 | Daventry GSG. | ..... |
| | | | Zeesen (Germany) DJN. | ..... | 21.54 | 13.93 | 40 | Buenos Aires (Argentine) FRI. 22.00. | ..... |
| | | | Poděbrady (Prague) (Czecho.) OLR3A (c). | ..... | 21.55 | 13.92 | 10-50 | Bandoeng (Java) PLE. | ..... |
| | | | Zeesen (Germany) DJA. | ..... |  |  | 5 | Bangkok (Siam) HS8PJ. MON. 14.00—16.00. | ..... |
| | | | Lima (Peru) OAX4T. | ..... |  |  | 60 | Bandoeng (Java) PMA. | ..... |
| | | | Bombay (India) VUB. | ..... |  |  | 10-50 | Daventry GSH. | ..... |
| | | | Millis (Mass.) W1XK. 11.00—05.00. | ..... |  |  | 10 | Wayne (N.J.) (U.S.A.) W2XE (a) | ..... |
| | | | Daventry GSC. | ..... |  |  | 10-50 | Daventry GSJ. | ..... |
| | | | Lyndhurst (Australia) VK3LR. 07.30—08.30. | ..... |  |  | 40 | Pittsburgh (U.S.A.) W8XK (a). | ..... |
|  |  |  |  | ..... |  |  | 10-50 | Daventry GST. | ..... |

Short-Wave Programmes

All times, including EMPIRE, in B.S.T. The daily transmission schedule is shown in brackets after the name of each station

For Wavelengths see Short-Wave List (in alternate weeks)

* Electrical Recordings.
† Gramophone Records.
‡ GSG (Transmissions 2, 3) daily, two transmitters and aerials on the same frequency.
§ GSG (Transmission 3) daily, second GSG transmitter changes to GSF at 16.30 BST.

SUNDAY, Sept. 26

EMPIRE

The Empire Programmes are printed in outline for the convenience of overseas readers.

Transmission 1 (GSG, GSO, GSD, GSB), 07.00—Big Ben; The Westminster Players 07.35—Service (C. of Scotland)* 08.25—Newsletter, Sports Summary, 08.50-09.15—Mae Craven (Soprano); Vera Moore (Pfte.).

Transmission 2 (GSI, GSH, GSG, GSG†), 11.45—Big Ben; "Lionel and Clarissa" a comic opera.* 12.35—Theatre Orchestra, 13.15—Big Ben; Talk on Trees,* 13.30—The Cazabon Trio, 14.00—Service.* 14.15—Alec Rowley (Pfte.). 14.30-14.55—Newsletter, Sports Summary.

Transmission 3 (GSI, GSH, GSG, GSG†), 15.15—Big Ben; Science talk,* 15.30—Service (C. of E.)* 16.20—Band, 17.00—Pfte. Interlude,* 17.10—Newsletter, Sports Summary, 17.35-18.00—Quintet.

Transmission 4 (18.20 - 21.45 GSG, GSI, GSD, GSB; 22.00-00.00 GSG, GSO, GSF, GSB), 18.20—BBC Theatre Orchestra, 19.00—Big Ben; Newsletter, Sports Summary, 19.20—Talk on Coal,* 19.50—Musical Interlude,* 19.55—Harvest Thanksgiving Service (C. of E.)* 20.45—Dorothy Helmrich (Mezzo-Soprano), 21.05-21.45—Magyar Orchestra, 22.00—Big Ben; Newsletter, Sports Summary,* 22.10—"Lionel and Clarissa,"* 22.20—Philip Levi (Pfte.), 23.30—Talk on Trees,* 23.45-00.00—Epilogue.*

Transmission 5 (GSP, GSO, GSF, GSD), 00.20—Schubert: Stratton String Quartet, 01.00—Big Ben; Service (Presbyterian)* 01.50—Gwladys Garside (Contralto); Eric Starling (Tenor), 02.10-02.30—Newsletter, Sports Summary.

Transmission 6 (GSG, GSI, GSD, GSB), 03.00—Big Ben; C. H. Trevor (Organ), 03.35—Science Talk,* 03.50—Service,* 04.05—Septet, 04.40-05.00—Newsletter, Sports Summary.

BOSTON, Programme not received.

BOUND BROOK (15.00-07.00).

(a) 15.00—For Children, 16.00—Music, 17.00—News; Contralto; Interviews; Orchestra, 18.20—Southernaires, 18.30—Music-Hall, 19.30—Our Neighbours, 20.00—Magic Key (announcements Fr., Ger., It.), 21.00—Tapestry of Melody, 21.30—Variety, 23.00—Paul Martin Music, 23.30—Roy Shields, 00.00—Canadian Grenadier Guards Band, 00.30—California Concert, 01.00-03.00—For South America, 01.00—Violin, 01.30—Music; Sketch (b) 03.15-07.00—News and Music (Sp.), 03.45—Sketch; Music, 05.00—Judy and the Bunch (anctts. Eng., Sp.), 05.10—News, 05.15—Choir; Orchestras (anctts. Eng., Sp.).

BUDAPEST (15.00-02.00).

(a) 15.00-16.00—Cigany Band; News (Eng.); Music; Messages; Anthem. (b) 01.00-02.00—See 15.00.

HUIZEN (PCI), (b) 20.00-21.00—For Africa; Music; Talks;

HUIZEN (PHI) (13.25-16.40), (a) 13.25—For Asia; Music; Talks; News, 14.25—For the Dutch Indies; Talks; Music; News, 15.45—News, 15.55—Cabaret.

LYNDHURST (09.00-13.30), 09.00—Choir, etc. 09.30—Music; at 09.40—Talk, 10.00—Symphony Orchestra. Conductor: Schneevogt, 11.00—Story, 11.15—From the Melbourne Studios, 11.50—Foreign Affairs, 12.10—Music, 12.15—Comedy Harmonists,

12.40—Budapest String Quartet, 13.10—Music, 13.15-13.30—Epilogue.
MOSCOW (04.15-03.15), (b) 04.15—For France, 12.00—For England, 13.00—For Germany, 14.00—For Holland, 15.00—For France, 16.00—For England, (a) 19.00—For Germany, 22.05—English Talks: (i) Parachuting; (ii) Soviet Arctic Navigation, (e) 00.00—For Spain, 01.00—For England.

PARIS (Radio-Colonial) (07.00-06.00), (b) 07.00—News; Records, 08.15—Review; Records, 09.00—News, 09.30—News (Eng., It.); Records, (a) 11.00—Music, 12.00—News (Eng.); Music, 12.45—Topical; Music, 13.30—News, 14.00—Films; Periodicals; Records, 14.30-16.00—To be announced, (b) 17.15—News (Fr., Arabic), 18.00—Concert, 18.50—Amusements, 19.00—News, 20.10—News (Eng., It.), 20.30—To be announced, 22.30—Markets, 22.45—News (Port.), (e) 23.15—Dance Music, 00.15—News (Fr., Sp., Port.); Records, 03.00—Records, 04.00—News, 04.30—News (Eng.); Records, 05.45—News (Ger.).

PITTSBURGH (15.00-07.00).

(b) 15.00—For Children, 16.00—Melodies, 16.30—Easy to Remember, 16.45—Dot and Pat, 17.00—First U.P. Church, 18.00—Southernaires, 18.30—Music-Hall, 19.30—Dinner Hour, 20.00—R.C.A. Magic Key, 21.00—Broadway, 21.30—Melodies, 22.00—Organ, 22.30—Shadyside Church, 23.00—A-cappella Choir, 23.30—Ed. McConnell, 00.00—Stars of Hollywood; Interlude, 00.30—Sports; Soprano, (e) 01.00—Codolban—His Violin and Music, 01.30—Orchestra, 02.00—Interlude, 03.00—Rhythm, 03.30—News; Irene Rich, (d) 04.00—Zenith Foundation, 04.30—California Concert, 05.00—Music; News; Symphonette, 05.30—Orchestras, 06.30—New Penn Orchestra.

PODEBRADY, No Afternoon Programme received, (a) 20.00-20.15—News, (b) 20.30—Call; News, 20.40—Band, 21.00—News (Ger.), 21.05—Violin and Organ; Sonata (Veracini), 21.20—News (Fr.), 21.25—Selection, "Rusalka" (Dvořák), 21.50—Dvořák Opera Music, 22.00—News (Eng.), 22.05—Music.

RADIO-NATIONS (HBL 32.10 m.), 01-30-01.45 (Mon.)—League of Nations Report for North America.

REYKJAVIK (19.40-20.30), 19.40—Talk (Eng.); Music; News (Eng., Ice.), 20.05—Talk and News (Dan.); Music.

ROME, 11.00-12.00—Mass, 14.20-14.55—News; Concert, 17.20-18.20—News; Songs, 19.45-23.50—From Rome (420.8 m.), 00.00—U.S.A. Bulletin.

SCHENECTADY (17.00-06.00).

(a) 17.00—News; Music, 18.00—Hour Glass, 18.30—Chicago University Discussion, 19.00—Soprano, 19.30—Dreams, 20.00—Sunday Drivers, 20.30—Mysteries, 21.00—Tapestry of Melody, 21.30—Widows' Sons, (a, b) 22.00—Melodies, 22.30—The World is yours, 23.00—Soprano, 23.30—Roy Shield, 00.00—R.C. Hour, 00.30—A Tale, 01.00—Variety; at 01.30—Baseball, (b) 03.00—Merry-Go-Round, 03.30—Familiar Music, 04.00—Party, 05.00—Orchestras; at 05.30—News.

TOKIO (For Europe), 21.00—News (Ger.); Songs, 21.45—News (Eng.); Anthem.

VATICAN CITY, (b) 11.00—For Invalids (Latin, Fr.).

WARSAW, 16.30-20.30—Selection, "Halka" (Moniuszko); Topical; Polish Dances; Reading; Songs; Talk and Music.

WAYNE, Programme not received.

ZEESEN (DJD, DJL, DJC) (06.10-22.20), 06.10—Concert; at 07.00—News, 12.00-14.00—Orchestra, 17.35—Call (Ger., Eng.), 17.45—For Children, 18.00—"Sunday," 18.15—News, 18.30

—Band, 19.00—Concert, 20.00—News (Eng.), 20.15—"Die schöne Magelone" (Brahms), 21.00—Musical Sequence, 21.45—Sports, 22.00—News (Ger., Eng.).

ZEESEN (DJA, DJB, DJN, DJE, DJQ) (11.55-17.00), 11.55—Call; Music; at 13.00—News (Eng.), 14.00—News; Call (DJQ), 14.15—"Sunday," 14.30—Pfte. Sonata (Schubert), 15.00—News (Eng., Dutch), 15.15—Chamber Music, 16.30—Songs.

ZEESEN (DJD, DJB) (17.10-05.00), 17.10-18.25—Symphony Concert, 22.50—Call (Ger., Eng.); Talk; Music, 23.45—News, 00.00—"Sunday," 00.15—Concert, 01.15—Sports, 01.30—Suites (Bizet, Tchaikovsky); 02.15—News (Eng.); Songs, 03.00—News, 03.15—Chamber Music, 04.30—News (Eng., Ger.).

MONDAY, Sept. 27

EMPIRE

Transmission 1 (GSG, GSO, GSD, GSB), 07.00—Big Ben; Science Talk,* 07.15—Orchestra, 07.55—Talk on Coal,* 08.25—News, 08.45-09.15—"The BBC Presents the A B C,"*

Transmission 2 (GSI, GSH, GSG, GSG†), 11.45—Big Ben; "Empire Exchange,"* 12.00—Vivian Joseph (Cello), 12.15—"Past, Present, and Future,"* 13.15—Big Ben; Harold Rhodes (Organ), 14.00—Records, 14.30-14.55—News.

Transmission 3 (GSI, GSH, GSG, GSG†), 15.15—Big Ben; Norman Menzies (Baritone), 15.30—Scenes from "The Tempest" (Shakespeare);* 16.00—Pauline Juler (Clarinet); Howard Ferguson (Pfte.), 16.30—Cinema Organ, 17.00—Dance Music,† 17.10—News, 17.30-18.00—"The BBC Presents the A B C,"*

Transmission 4 (18.20 - 21.40 GSG, GSI, GSD, GSB; 22.00-00.00 GSG, GSO, GSF, GSB), 18.20—Reginald King and his Orchestra, 18.40—Thomas B. Shaw (Fiddle); John C. Johnston (Pipes), 19.00—Big Ben; News, 19.20—Songs of Schubert and Schumann,† 19.35—Scenes from "The Tempest" (Shakespeare),* 20.05—"British Sea Songs,"* 20.20—"The King who Didn't Matter,"* 21.00-21.40—Jack Payne with his Band, 22.00—Big Ben; News, 22.20—Orchestra; Anita Oberlander (Soprano), 23.00—Discussion between Compton Mackenzie and Norman Sturrock,* 23.20—"Round and About,"* 23.30-00.00—Records.

Transmission 5 (GSP, GSO, GSF, GSD), 00.20—Gaelic programme,* 01.00—Big Ben; "Empire Exchange,"* 01.15—BBC Empire Orchestra; Kendall Taylor (Pfte.), 02.10-02.30—News.

Transmission 6 (GSG, GSI, GSD, GSB), 03.00—Big Ben; "Past, Present, and Future,"* 04.00—Bessie Jones (Soprano); Carmen Hill (Cello); Norman Anderson (Pfte.), 04.40-05.00—News.

BOUND BROOK (15.00-07.00).

(a) 15.00—Breakfast Club, 15.45—News, 16.00—Variety, 18.00—News and Songs (Fr.), 18.30—Farm and Home (anctts. Eng., Ger.), 20.00—News (It.), 20.30—U.S. Navy Band, 21.00—News and Music (Fr.), 22.00—News (Ger.), 22.15—Club Matinée, 23.00—News; Escorts, 23.30—News (Fr., Ger.); Variety, 00.30—News; Three X Sisters, 01.00-03.00—For South America, 01.00—News (Sp., Port.), 02.00—Film Revue (anctts. Sp.); Interlude, (b) 03.30-07.00—For South America, 03.30—Interlude, 04.30—News (Sp.); Orchestras (anctts. Eng., Sp.).

HUIZEN (PCI), (b) 01.00-02.00 (Music)—For the Americas; Music; Talks; News.

HUIZEN (PHI) (14.25-16.00), (a) For the Dutch Indies, 14.25—Call; Interview, 14.55—Cabaret; Talk, 15.40—News; Stocks.

LISBON (20.00-03.00), (a) 20.00—Concert, 20.50—News; Talk; Music, 22.05—News; Music, 22.45—Home Affairs, (b) 23.00—Music; at 23.30—News, 00.30—News; Dance Music; Records, 01.30—News; Portuguese Folk Music, 02.15—News; Music.

LYNDHURST (03.45 - 14.30), 03.45—"Watchman," 04.00—Time; News, 04.15—Music, 06.00—Time; For Schools, 06.20-08.00—Music, 09.30—Chimes; Music, 09.45—Sports, 10.00—Talk; News, 11.00—Dominion Day, 11.30—"Watchman," 11.50—Music, 12.00—Dance Music, 12.30—Topical, 13.00—From Melbourne, 13.30—News, 13.50-14.30—Music.

MOSCOW (04.15 - 03.15), (b) 04.15 and 12.00—For France, 21.00—For Germany, 22.05—English Talks: (i) Lenin; (ii) USSR Party Politics, 23.00—For Hungary, (e) 00.00—For Spain, 01.00—For England.

PARIS (Radio-Colonial) (07.00-06.00), (b) 07.00—News; Records, Review, 09.00—News, 09.30—News (Eng., It.); Records, (a) 11.00—Records, 11.45—Talk (Greek), 12.00—News (Eng.), 12.15—Concert; at 12.45—Topical, 13.30—News, 14.00—Talks; Records, 14.30—Light Orchestral, Songs, 15.55—Markets, (b) 17.15—News (Fr., Arabic), 18.00—Concert, 18.50—Art Notes, 19.00—News, 20.10—News (Eng., It.), 20.30—To be announced, 22.30—Markets, 22.45—News (Port.), (e) 23.15—Records, 00.15—News (Fr., Sp., Port.); Records, 03.00—Records, 04.00—News, 04.30—News (Eng.); Records, 05.45—News (Ger.).

PITTSBURGH (12.45-07.00).

(b) 15.00—Variety, 17.15—Personal Column, 17.30—Vic and Sade, 17.45—Edward MacHugh, 18.00—News, Sunshine, 18.30—Farm and Home, 19.30—Variety, 20.30—Home Forum, 21.00—Music by Cugat, 21.15—Welfare, 21.30—Let's talk it over, 22.00—Club Matinée, 23.00—Junior Nurse Corps, 23.15—For Children, 23.45—Tom Mix, 00.00—News; Music, 00.45—Lowell Thomas, (e) 01.00—Variety; at 02.00—Gen. Johnson, (d) 04.00—Variety, Radio Forum, 05.00—News; Orchestras, 06.00—New Penn Orchestra, 06.30—Orchestra.

PODEBRADY, No Afternoon Programme received, (a) 20.00-20.15—News, (b) 20.30—Call; News; Music, 21.00—News (Ger.); Orchestra, 21.20—News (Fr.), Pfte. Trio (Mendelssohn); News, 22.00—News (Eng.); Music, 01.00-03.10—For America; Call; Music; News; Music; Mail; at 02.30—News (Eng.).

RADIO-NATIONS (HBO 26.31 m.), 20.00-20.15—League of Nations Report for the British Isles, Northern Europe and South Africa, (HBL 32.10 m.), 01.30-01.45—League of Nations Report for North America.

RIO DE JANEIRO, 23.30-00.30

—News; Talks (Eng., etc.).
ROME, 14.20—News; Cantatrici Italiane; Talk, 15.00-16.30—News (Eng.); Concert; Talk; News, 17.20—News; Songs, 18.30—Music and News (Arabic), 19.40—News (Ger., Fr.), 20.10-23.20—From Rome (420.8 m.), 23.30—South American Bulletin, 00.00—American Hour from Rome, U.S.A. Bulletin, Call (Eng., It.); News (Eng.); "Isabeau" (Mascagni); Violin; Talk; Mail; News.

SCHENECTADY (17.00-06.00).

(a) 17.00—Variety; at 18.30—Farm Programme, 19.30—Words and Music, 20.00—U.S. Travel (Fr.), 20.15—WPA, 20.30—Variety, (a, b) 22.00—Variety, 22.45—Personal Column, 23.00—Stocks; Markets, 23.15—While the City Sleeps, 23.30—Jack Armstrong, 23.45—For Children, 00.00—Bass, 00.15—U.S. Travel Talk, 00.30—News; Variety, 01.00—Amos n' Andy, 01.15—U.S. Travel (Sp.), 01.30—Stocks; Baseball, 01.45—News (Sp.), 02.00—Comments and Music (Sp.), 02.30—Concert, (b) 03.00—Hollywood Gossip (Sp.), 03.30—Variety, 05.00—Orchestras.

TOKIO (For Europe), 21.00—News (Fr.); Stage Music, 21.25—News (Fr.); Folk Songs, 21.45—News (Eng.); Anthem.

VATICAN CITY (a), 16.30—Church Notes (It.), (b) 20.00—See 16.30.

WARSAW, 19.30-20.30—Selection, "Halka" (Moniuszko); News; Wieniawski Music; Talk; Paderecki Music.

ZEESEN (DJD, DJL, DJC) (06.10-22.20), 06.10—Concert; at 07.00—News, 17.35—Call (Ger., Eng.); Talk, 18.00—For Children, 18.15—News, 18.30—"Landsknechte" and Wanderers, 19.15—"Hesse," 20.00—News (Eng.); Topical, 20.30—de Machula ("Ceilo"), 21.00—Excerpts, "Ekaterina" (Stauch), 21.45—Talk, 10.00—News (Ger., Eng.).

ZEESEN (DJA, DJB, DJN, DJE, DJQ) (11.55-17.00), 11.55—Call; Music; at 13.00—News (Eng.), 15.00—News (Eng., Dutch), 15.15—Topical, 15.30—Club of Notions, 16.45—Topical.

ZEESEN (DJD, DJB) (22.50-05.00), 22.50—Call (Ger., Eng.); Talk, 23.15—For Youth, 23.30—Violin, Pfte, 23.45—News; Band, 00.30—Singspiel, 01.15—Topical, 01.30—"Die schöne Magelone" (Brahms), 02.15—News (Eng.); Humour, 02.45—Topical, 03.00—News, 03.15—Hello, Philadelphia 04.00—Pfte. Sonata (Schubert), 04.30—News (Eng., Ger.).

TUESDAY, Sept. 28

EMPIRE

Transmission 1 (GSG, GSO, GSD, GSB), 07.00—Big Ben; Records,* 07.20—"Empire Exchange,"* 07.35—Band; Cecil Johnson (Entertainer), 08.25—News, 08.45-09.15—"Game, Set, and Match"—a review of the summer's sporting events.

Transmission 2 (GSI, GSH, GSG, GSG†), 11.45—Big Ben; Studio Concert, 12.15—Variety, 12.45—Dorothy Stanton (Soprano); Watcyn Watcyns (Baritone), 13.15—"Stop Dancing,"* 13.45—Peter Dawson (Baritone),† 14.00—Big Ben; Band, 14.30-14.55—News.

Transmission 3 (GSI, GSH, GSG, GSG†), 15.15—Big Ben; "World Affairs,"* 15.30—Orchestra; Nora Gruhn (Soprano), 16.00—"Game, Set, and Match"—a review of the summer's sporting events,* 16.30—George Scott Wood's Six Swingers,* 17.10—News, 17.30-18.00—Gustave Ferrari (Tenor)

Transmission 4 (18.20-21.40 GSG, GSI, GSD, GSB; 22.00-00.00 GSG, GSO, GSF, GSB), 18.20—Dance Music,† 18.25—The Vagabond Lover, 18.40—Rae Jenkins' Bijou Orchestra, 18.50—Gracie Knowles (Pfte.), 19.00—Big Ben; News, 19.20—"World Affairs,"* 19.35—"Reginald Foort (BBC Theatre Organ), 20.00-21.40—Promenade Concert from Queen's Hall, London; Myra Hess (Pfte.); BBC Symphony Orchestra conducted by Sir Henry Wood, 22.00—Big Ben; News, 22.20—"The Little Show,"* 23.00—Mantovani and his Dance Orchestra, 23.30—"World Affairs,"* 23.45-00.00—Chopin; Ella Kidney (Pfte.).

Transmission 5 (GSP, GSO, GSF, GSD), 00.20—"Round and About,"* 00.30—Big Ben; Variety,* 01.00—Big Ben; BBC Empire Orchestra, 01.40—Dance Music, 02.10-02.30—News.

Transmission 6 (GSG, GSI, GSD, GSB), 03.00—Big Ben; "World Affairs,"* 03.15—Lauri Kennedy (Cello); Dorothy Kennedy (Pfte.); Josephine Curtis (Contralto), 03.55—"After Dinner,"* 04.20—Dance Records, 04.40-05.00—News.

BOUND BROOK (15.00-07.00).

(a) 15.00—Breakfast Club, 15.45—News; Variety, 18.00—News and Songs (Fr.), 18.30—Farm and Home, 20.00—News (It.), 20.30—NBC Music Guild (anctts. Eng., It.), 21.00—News and Music (Fr.), 22.00—News (Ger.), 22.15—Club Matinée (anctts. Eng., Ger.), 23.00—News; Pfte, 23.30—News (Fr., Ger.); Variety; at 03.30—News, 01.00-03.00—For South America, 01.00—News (Sp., Port.), 01.30—Songs (anctts. Eng., Sp.), 02.00—Man about Towns (anctts. Sp.), 02.30—South Sea Islanders (anctts. Eng., Sp.), (b) 03.25-07.00—For South America, 03.25—Music (anctts. Sp.), 04.00—The Other Americas (anctts. Sp., Eng.), 04.30—News (Sp.); Harpichords (anctts. Eng., Sp.), 05.00—NBC Night Club (anctts. Eng., Sp.), 05.30—Orchestras (anctts. Eng., Sp.).

HUIZEN (PCJ), (a) 10.30-12.00—Variety for Australia and New Zealand. **(b)** 19.30-21.00—Variety for Africa.

HUIZEN (PHI) (14.25-16.00), (a) For the Dutch Indies. 14.25—Topical. 14.50—Variety. 15.40—News; Stocks.

LISBON (20.00-03.00), (a) 20.00—Music. 20.50—News; Music. 22.05—News; Music. 22.40—Orchestra, Vocal Quartet. **(b)** 23.00—Orchestra, Vocal Quartet; at 23.30—News. 00.00—Concert. 00.30—News; Dance Music, etc. 01.30—News; Music. 02.00—Instrumental. 02.15—News; Folk Music.

LYNDHURST (03.45 - 14.30), 03.45—Watchman. 04.00—News; Music; Records. 06.00—For Schools. 06.20-08.00—Music. 09.30—Chimes; Music. 10.00—News (Fr., Eng.). 11.00—Melbourne Symphony Orchestra from the Town Hall. Conductor: Bernard Heinze. 11.50—From Melbourne. 12.10—Rubinstein (Pfte.). 13.00—A Play. 13.30—News. 13.55-14.30—Dance Music.

MOSCOW (21.00-03.15), (b) 21.00—For France. 22.05—For Holland. 23.00—For Sweden. **(c)** 00.00—For Spain. 01.00—For England.

PARIS (Radio-Colonial) (07.00-06.00), (b) 07.00—News; Records; Review. 09.00—News. 09.30—News (Eng., It.); Records. **(a)** 11.00—Records. 11.45—Talk (Jap.). 12.00—News (Eng.). 12.15—Concert; Records. 13.30—News. 14.00—Talks; Records. 14.30—Excerpts, "Faust" (Goethe). 15.55—Exchange. **(b)** 17.15—News (Fr., Arabic). 18.00—Concert. 18.50—Shipping. 19.00—News. 20.10—News (Eng., It.). 20.30—To be announced. 22.30—Markets. 22.45—News (Port.). **(c)** 23.15—d'Indy Records. 00.15—News (Fr., Sp., Port.); Records. 03.00—Records. 04.00—News. 04.30—News (Eng.); Records. 05.45—News (Ger.).

PITTSBURGH (12.45-07.00), (b) 15.00—Variety. 17.15—Personal Column. 17.30—Vic and Sade. 17.45—Edward MacHugh. 18.00—News; Sunshine. 18.30—Farm and Home. 19.30—Utility Hall. 19.45—Strollers Matinée. 20.30—Home Forum. 21.00—For Women. 21.15—Music by Cugat. 21.30—Variety. 22.00—Clubs. 22.15—Club Matinée. 23.00—Junior Nurse Corps. 23.15—For Children. 23.45—Tom Mix. 00.00—News; Stars of Hollywood. 00.45—Lowell Thomas. **(c)** 01.00—Variety; at 02.00—Husbands and Wives. **(d)** 04.00—Gen. Johnson. 04.15—Variety. 04.30—Harpichords. 05.00—News; Music. 05.30—Orchestras.

PODEBRADY, No Afternoon Programme received. (a) 20.00-20.15—News. **(b)** 20.30—Call; News; Folk Songs. 21.00—News (Ger.). 21.05—Band. 21.20—News (Fr.). 21.25—The Kermesse of St. Wenceslas. 22.00—News (Eng.); Children's Choir. 22.10—Symphonic Poem, Blanik (Smetana).

RADIO-NATIONS (HBO 26.31 m.), 20.00-20.15—League of Nations Report for the British Isles, Northern Europe, and South Africa. (HBL 32.10 m.), 01.30-01.45—League of Nations Report for North America.

RIO DE JANEIRO, 23.30-00.30—News; Talks (Eng., etc.).

ROME, 14.20—News; Hot Jazz; Talk. 15.00-16.30—News (Eng., Chin.); Cello; Organ; Songs; News. 17.20—News; Songs; Operetta Music. 18.30—Music and News (Arabic). 18.50—Talk (Turk.). 19.40—News (Ger., Fr.). 20.10-23.50—From Rome (420.8 m.). 00.00—U.S.A. Bulletin. 00.20—For South America; Call (It., Sp., Port.); News; Organ and Soprano; Spanish Songs; News (Sp.); Trio; News (Sp., Port.).

SCHENECTADY (17.00 - 06.00), (a) 17.00—Variety; at 18.30—Farm Programme. **(a, b)** 21.45—Variety; at 22.45—Personal Column. 23.00—Stocks; Markets. 23.15—Top Hatters. 23.30—Jack Armstrong. 23.45—For Children. 00.00—Science. 00.15—Three X Sisters. 00.30—News; Mail. 01.00—Amos 'n' Andy. Variety. 01.30—Stocks; Baseball. 01.45—News (Sp.). 02.00—Spanish Music. 02.30—Serenade. **(b)** 03.00—Vox Pop. 03.30—Orchestra. 04.00—Hollywood Gossip. 04.45—Vic and Sade. 05.00—Violin; Orchestras.

TOKIO (For Europe), 21.00—News (Ger.); Military Band;

21.35-22.00—News (Eng.); Folk-Songs.

VATICAN CITY, (a) 16.30—Church Notes (Eng.). **(b)** 20.00—See 16.30.

ZEESEN (DJD, DJL, DJC) 06.10-22.20), 06.10—Concert; at 07.00—News. 17.35—Call (Ger., Eng.); 17.45—"Musical Instruments"; 18.15—News; Interview. 18.45—Quartet in E minor (Beethoven) by the Fehse Quartet. 19.15—Light Music. 20.00—News (Eng.). 20.15—Topical. 20.30—Opera Kaleidoscope. 21.45—Chamber Music. 22.00—News (Ger., Eng.).

ZEESEN (DJA, DJB, DJN, DJE, DJO) (11.55-17.00), 11.55—Call; Music; at 13.00—News (Eng., Dutch). 15.15—Topical. 15.30—For Youth. 15.45—Orchestra. 16.45—Interview.

ZEESEN (DJD, DJB) (22.50-05.00), 22.50—Call (Ger., Eng.). 23.00—"Hesse". 23.45—News.

00.00 GSG, GSO, GSF, GSB), 18.20—"The Twilight Serenaders."** 18.40—Fred Hartley's Sextet. 19.00—Big Ben; News. 19.20—Yella Pessi (Harpichord). 19.40—"Empire Exchange."** 19.55—Musical Interlude.† 20.00—"Star Gazing". Huntley Wright. 21.00-21.45—Promenade Concert from Queen's Hall, London: BBC Symphony Orchestra conducted by Sir Henry Wood—Brahms, 22.00—Big Ben; News. 22.20—Students' Songs; Henry Cummings (Baritone); BBC Men's Chorus. 22.50—Talks. 23.10—"Melody and Rhythm."** 23.30-00.00—"Game, Set and Match": review of the summer's sporting events.*

Transmission 5 (GSP, GSO, GSF, GSD), 00.20—New British Dance Numbers.† 00.30—Big Ben; Talk on Coal.* 01.00—Big Ben; Reginald Foort (BBC Theatre Organ); Denis O'Neil (Tenor). 01.25—The Vagabond

HUIZEN (PCJ), (a) 14.00-16.00—Variety for Asia.

LISBON (20.00-03.00), (a) 20.00—Band. 20.50—News; Records. 21.30—Sextet; at 22.05—News. **(b)** 23.00—Opera; at 23.30—News. 00.30—News; Dance Music. 01.00—Concert. 01.30—News; Music. 02.15—News; Folk Music.

LYNDHURST (03.45 - 14.30), 03.45—Watchman. 04.00—Time; News. 04.15-08.00—Records; Racing. 09.30—Chimes; Music. 09.45—News. 10.00—Talk; News. 11.00—Military Band. 11.30—A Play. 12.30—Travel Letter. 12.40—From Melbourne. 13.30—News. 13.50-14.30—Music.

MOSCOW (04.15-03.15), (b) 04.15—For France. 12.00—For England. 21.00—For France. 22.05—English Talks: (i) Tom Mann; (ii) The People's Front. 23.00—For Germany. **(c)** 00.00—For Spain. 01.00—For England.

NBC Minstrels. 05.00—News; Orchestras. 06.30—Middleman's Orchestra.

PODEBRADY, No Afternoon Programme received. (a) 20.00-20.15—News. **(b)** 20.30—Call; News. 20.40—Music. 21.00—News (Ger.). 21.05—Folk Songs. 21.20—News (Fr.). 21.25—Pite. Concerto (Beethoven). 21.55—News. 22.00—News (Eng.); Band.

RADIO-NATIONS (HBO 26.31 m.), 20.00-20.15—League of Nations Report for the British Isles, Northern Europe and South Africa. (HBL 32.10 m.), 01.30-01.45—League of Nations Report for North America.

RIO DE JANEIRO, 23.30-00.30—News; Talks (Eng., etc.).

ROME, 14.20—News; Trio; Talk. 15.00-16.30—News (Eng.); Organ and Soprano; Talk; Jazz; Military Band; News. 17.20—News; Music. 18.30—Music and News (Arabic). 19.40—News (Ger., Fr.). 20.10-23.50—From Rome (420.8 m.). 00.00—American Hour from Rome. U.S.A. Bulletin; Call (Eng., It.); News (Eng.); Symphony Concert; Jazz; Talk; Songs; News.

SCHENECTADY (17.00-06.00), (a) 17.00—Variety; at 18.30—Farm Programme. 20.30—Women's Clubs. 20.45—Variety. **(a, b)** 22.00—Variety; at 22.45—Personal Column. 23.00—Stocks; Markets. 23.15—While the City Sleeps. 23.30—Jack Armstrong. 23.45—For Children; Variety. 00.30—News; Swing. 01.00—Amos 'n' Andy. 01.15—Sketch (Sp.). 01.30—Stocks; Baseball. 01.45—News (Sp.). 02.00—Latin-American Concert. **(b)** 03.00—Town Hall. 04.00—Hit Parade. 04.45—News; Orchestras.

TOKIO (For Europe), 21.00—News (Fr.); Songs. 21.45—News (Eng.); Anthem.

VATICAN CITY, (a) 16.30—Church Notes (Sp.). **(b)** 20.00—See 16.30.

WARSAW, 19.30-20.30—Mazurka; News; Dances; Reading; Folk Songs.

ZEESEN (DJD, DJL, DJC) (06.10-22.20), 06.10—Concert; at 07.00—News. 17.35—Call (Ger., Eng.); Talk. 18.00—Songs. 18.15—News. 18.30—"The Tyrol." 19.00—Folk-Songs. 19.15—Cabaret. 20.00—News (Eng.). 20.15—Topical. 20.30—Press Review. 20.45—Overtures, Waltzes, Marches. 22.00—News (Ger., Eng.).

ZEESEN (DJA, DJB, DJN, DJE, DJO) (11.55-17.00), 11.55—Call; Music. 13.00—News (Eng.); Music. 13.50—Greeting to British India. 14.00—News. Call (DJQ). 14.15—"Hesse." 15.00—News (Eng. Dutch). 15.15—Topical. 15.30—"Landsknechte" and Wanderers. 16.15—"Cello. 16.45—Press Review.

ZEESEN (DJD, DJB) (22.50-05.00), 22.50—Call (Ger., Eng.); Music. 23.45—News. 00.00—Opera Music. 01.15—Topical. 01.30—"The Tyrol." 02.00—Talk. 02.15—News (Eng.); Press Review. 02.45—Chamber Music. 03.00—News; Music. 04.00—Quartet (Beethoven). 04.30—News (Eng., Ger.).

PRINCIPAL EVENTS

SUNDAY, September 26

10.00 Lyndhurst (31.32 m.) Symphony Orchestra; Conductor, Schneckvoigt.

14.55 Rome (25.4 m.) Concert.

18.30 Bound Brook (16.87 m.) Music-Hall.

19.00 Schenectady (19.57 m.) Soprano Song.

21.00 Pittsburgh (19.72 m.) Variety.

23.15 Radio-Colonial (19.68 m.) Dance Music.

00.00 Bound Brook (16.87 m.) Canadian Grenadier Guards Band.

03.15 Bound Brook (49.18 m.) For South America.

05.00 Schenectady (31.48 m.) Orchestras.

MONDAY, September 27

15.00 Rome (25.4 m.) News; Symphony Concert.

16.00 Bound Brook (16.87 m.) Variety.

21.40 Tokio (19.79 m., 25.42 m.) News (Eng.); Folk-Songs.

00.00 Rome (31.13 m.) American Hour.

00.45 Pittsburgh (19.72 m.) Lowell Thomas.

01.00 Bound Brook (16.87 m.) For South America.

03.30 Schenectady (31.48 m.) Variety.

TUESDAY, September 28

11.00 Lyndhurst (31.32 m.) Symphony Orchestra.

22.00 Pittsburgh (19.72 m.) Club Matinée.

22.15 Bound Brook (16.87 m.) Club Matinée.

02.00 Schenectady (19.57 m., 31.48 m.) Spanish Music.

WEDNESDAY, September 29

14.30 Radio-Colonial (19.68 m.) Orchestras, songs.

15.45 Bound Brook (16.87 m.) News; Variety.

20.45 Schenectady (19.57 m.) Variety.

WEDNESDAY, Sep. 29

00.00—Operetta Music. 00.45—German Musical Instruments. 01.15—Topical. 01.30—Variety. 02.15—News (Eng.); Folk-Music. 02.45—Interview. 03.00—News. 03.15—"Landsknechte" and Wanderers. 04.00—"Cello. 04.30—News (Eng., Ger.).

EMPIRE

Transmission 1 (GSG, GSO, GSD, GSB), 07.00—Big Ben; "World Affairs."** 07.15—Dance Band. 07.55—Variety.* 08.25—News. 08.45-09.15—Mozart: Brosa String Quartet.

Transmission 2 (GSJ, GSH, GSG, GSG†), 11.45—Big Ben; "World Affairs."** 12.00—Dance Music.† 12.20—Karl Caylus Players. 12.50—Scottish Music.† 13.00—Gaelic Programme.* 13.40—Discussion between Compton Mackenzie and Norman Sturrock.* 14.00—Theatre Orchestra. 14.30-14.55—News.

Transmission 3 (GSJ, GSH, GSG, GSG†), 15.15—Big Ben; Military Band.* 16.15—Discussion between Compton Mackenzie and Norman Sturrock.* 16.35—Light Orchestra. 17.00—Dance Band. 17.10—News. 17.30-18.00—Dance Band (contd.).

Transmission 4 (18.20 - 21.45 GSG, GSI, GSD, GSB; 22.00-

20.45 Zeesen (25.49 m., 19.85 m., 49.83 m.) Overtures, Waltzes, Marches.

00.00 Rome (31.13 m.) U.S.A. Bulletin.

02.00 Bound Brook (16.87 m.) Latin-American Night.

03.00 Pittsburgh (25.27 m.) NBC Symphony Orchestra.

THURSDAY, September 30

15.00 Rome (25.4 m.) "Isabeau" (Mas-cagni).

15.45 Bound Brook (16.87 m.) News; Variety.

22.00 Pittsburgh (19.72 m.) Matinée;

02.00 Bound Brook (16.87 m.) Orchestra, etc.—American Composers.

04.00 Schenectady (31.48 m.) Bing Crosby; 05.00, Pianoforte; Orchestra.

FRIDAY, October 1

14.30 Radio-Colonial (19.68 m.) "Le devin du village" (Rousseau).

15.45 Bound Brook (16.87 m.) News; Variety.

21.30 Pittsburgh (19.72 m.) Songs.

01.00 Schenectady (19.57 m., 31.48 m.) Amos 'n' Andy.

01.00 Pittsburgh (25.27 m.) Variety.

03.25 Bound Brook (49.18 m.) For South America.

05.00 Schenectady (31.48 m.) Orchestras.

SATURDAY, October 2

15.45 Bound Brook (16.87 m.) News; Variety.

19.00 Schenectady (19.57 m., 31.48 m.) Variety.

19.45 Pittsburgh (19.72 m.) Football Match commentary.

21.00 Schenectady (19.57 m., 31.48 m.) Concert Miniatures.

01.00 Schenectady (31.48 m.) Spanish Revue.

05.00 Pittsburgh (48.86 m.) Orchestras.

PARIS (Radio-Colonial) (07.00-06.00), (b) 07.00—News; Records; Review. 09.00—News. 09.30—News (Eng., It.); Records. (a) 11.00—Records. 11.45—Talk (Russ.). 12.00—News (Eng.). 12.15—Concert; at 12.45—Topical. 13.30—News. 14.00—Talks; Records. 14.30—Concert, with Mme. Blanc-Audra (Songs). 15.55—Exchange. (b) 17.15—News (Fr., Arabic). 18.00—Concert; Talk. 19.00—News. 20.10—News (Eng., It.). 20.30—To be announced. 22.30—Markets. 22.45—News (Port.). (c) 23.15—Concert. 00.15—News (Fr., Sp., Port.); Records. 03.00—Records. 04.00—News. 04.30—News (Eng.); Records. 05.45—News (Ger.).

BOUND BROOK (15.00-07.00), (a) 15.00—Breakfast Club. 15.45—News; Variety. 18.00—News and Songs (Fr.). 18.30—Farm and Home (anncts. Eng., Fr.). 20.00—News and Music (It.). 20.45—Peggy Wood (anncts. Eng., It.). 21.00—News and Music (Fr.). 22.00—Club Matinée. 22.30—News (Ger.). 23.00—Animal News Club. 23.15—News (Eng., Fr., Ger.); Variety. 00.30—News; Swing. 01.00-03.00—For South America. 01.00—News (Sp., Port.). 01.30—Songs (anncts. Eng., Port.). 02.00—Latin-American Night (anncts. Sp., Port.). 02.30—Revue. (b) 03.15-07.00—For South America. 03.15—Orchestra (anncts. Eng., Sp.). 04.00—News and Songs (Sp.). 04.30—NBC Minstrel Show. 05.00—Orchestras (anncts. Eng., Sp.).

BUDAPEST, (b) 01.00-02.00 (Thurs.)—Liszt Songs; News; Violin and Cello Duet (Kodály); Talk; Cigány Band; Orchestra; News; Anthem.

PARIS (Radio-Colonial) (07.00-06.00), (b) 07.00—News; Records; Review. 09.00—News. 09.30—News (Eng., It.); Records. (a) 11.00—Records. 11.45—Talk (Russ.). 12.00—News (Eng.). 12.15—Concert; at 12.45—Topical. 13.30—News. 14.00—Talks; Records. 14.30—Concert, with Mme. Blanc-Audra (Songs). 15.55—Exchange. (b) 17.15—News (Fr., Arabic). 18.00—Concert; Talk. 19.00—News. 20.10—News (Eng., It.). 20.30—To be announced. 22.30—Markets. 22.45—News (Port.). (c) 23.15—Concert. 00.15—News (Fr., Sp., Port.); Records. 03.00—Records. 04.00—News. 04.30—News (Eng.); Records. 05.45—News (Ger.).

PITTSBURGH (12.45 - 07.00), (b) 15.00—Variety. 17.15—Personal Column. 17.30—Vic and Sade. 17.45—Edward MacHugh. 18.00—News; Sunshine. 18.30—Farm and Home. 19.30—Variety. 20.30—Home Forum. 21.00—Music by Cugat. 21.15—Variety. 21.45—Pfte. Duo. 22.00—Club Matinée. 23.00—Junior Nurse Corps. 23.15—For Children. 23.45—Tom Mix. 00.00—News; Health Club. 00.45—Lowell Thomas. (c) 01.00—Variety. 03.00—NBC Symphony Orchestra. (d) 04.00—Gen. Johnson. 04.15—Sammy Fuller. 04.30—

THURSDAY, Sept. 30

Transmission 1 (GSG, GSO, GSD, GSB), 07.00—Big Ben; "British Sea Songs."** 07.15—"Lionel and Clarissa."** 08.05—Alfredo Campoli (Violin). 08.25—News. 08.45—Talk by Empire Programme Director. 09.00-09.15—Variety.

Transmission 2 (GSJ, GSH, GSG, GSG†), 11.45—Big Ben; Beethoven: James Whitehead ("Cello"); Norman Tucker (Pfte.). 12.10—Selections from Wagner's Operas.† 12.30—Cinema Orchestra. 13.00—Big Ben; Talks.* 13.20—Ernest W. Maynard (Organ). 14.00—Talk by Empire Programme Director. 14.15—Clive Richardson and René Pougnet (Pftes.). 14.30-14.55—News.

Transmission 3 (GSJ, GSH, GSG, GSG†), 15.15—Big Ben; Bourneouth Municipal Orchestra, conducted by Sir Dan Godfrey; Florence Hooton ("Cello"). 16.35—Talk on Trees. 16.50—"Melody and Rhythm."** 17.10—News. 17.30—Talk by Empire Programme Director. 17.45-18.00—Strauss Waltzes.†

Transmission 4 (18.20 - 21.50 GSG, GSI, GSD, GSB; 22.05-00.00 GSG, GSO, GSF, GSB),

18.20—BBC Empire Orchestra, 19.00—Big Ben; News, 19.20—Talk by Empire Programme Director, 19.35—Old Music Hall Favourites, 20.00—Dance Orchestra, 20.25—Revue, 21.10—Clifford Curzon (Pfte.), 21.30—21.50—Talk on National Health by the Prime Minister, The Rt. Hon. Neville Chamberlain, M.P. 22.05—News, 22.25—Musical Interlude, 22.30—BBC Variety Orchestra; Webster Booth (Tenor), 23.15—Talk by Empire Programme Director, 23.30—00.00—"Night Shift": visit to King's Cross Station.

Transmission 5 (GSP, GSO, GSF, GSD), 00.20—The Vario Trio, 00.45—"British Sea Songs," 01.00—Big Ben; "The Saturday Game," 02.00—Talk by Empire Programme Director, 02.15—02.35—News.

Transmission 6 (GSG, GSI, GSD, GSB), 03.00—Big Ben; Salvation Army Band; Joseph Farrington (Bass), 03.40—Talk on National Health by the Prime Minister, The Rt. Hon. Neville Chamberlain, M.P.* 04.00—George Scott Wood's Six Singers,* 04.40—05.00—News.

BOUND BROOK (15.00-07.00), (a) 15.00—Breakfast Club, 15.45—News; Variety, 18.00—News and Songs (Fr.), 18.30—Farm and Home (annets. Eng., Ger.), 20.00—News (It.), 20.15—NBC Music Guild, 20.30—Orchestra (annets. Eng., Fr.), 21.00—News and Music (Fr.), 21.45—Swing (annets. Eng., Fr.), 22.00—News (Ger.); Club Matinée, 23.00—News; Baritone, 23.30—News (Fr., Ger.); Quartet, 00.00—Orchestra, 00.30—News; Songs, 01.00—03.00—For South America, 01.00—News (Sp., Port.), 01.30—Pfte. Duo (annets. Eng., Sp.), 02.00—American Composers—Orchestra, etc. (annets. Port.), (b) 03.30—07.00—For South America, 03.30—Soprano, 04.30—News (Sp.), 04.45—Showmen (annets. Eng., Sp.), 05.00—Orchestras (annets. Eng., Sp.).

HUIZEN (PCJ), (a) 01.00—04.00 (Fr.)—Variety for the Americas, HUIZEN (PHI) (14.25-16.00), (a) For the Dutch Indies, 14.25—Topical, 14.50—Oboe, 15.15—Orchestral Records; Talk, 15.40—News; Stocks.

LISBON (20.00-03.00), (a) 20.00—Music, 20.50—News; Concert, 21.40—Talk; Records, 22.05—News; Guitars, 22.45—Topical, (b) 22.55—Opera Orchestra; at 23.30—News, 00.30—News; Music, 01.30—News; Music, 02.15—News; Folk Music.

LYNDHURST (08.45-14.30), 03.45—Watchman, 04.00—Time; News, 04.15—08.00—Music, 09.30—Music, 09.45—Sports, 10.00—News (Fr., Eng.), 11.05—Sydney (ABC) Symphony Orchestra, Conductor: Schnevoigt, 13.00—From Melbourne, 13.30—News, 13.50—14.30—Dance Music.

MOSCOW (21.00-03.15), (b) 21.00—For France, 23.00—For Spain, (c) 00.00—For Spain, 01.00—For England.

PARIS (Radio-Colonial) (07.00-06.00), (b) 07.00—News; Records; Review, 09.00—News, 09.30—News (Eng., It.); Records, (a) 11.00—Records, 11.45—Talk (Greek), 12.00—News (Eng.), 12.15—Concert; at 12.45—Review, 13.30—News, 14.00—Foreign Affairs, 14.10—Topical; Records, 14.30—Chamber Music, 15.55—Exchange, 17.15—News (Fr., Arabic), 18.00—Records, 18.45—Poems, 19.00—News, 20.10—News (Eng., It.), 20.30—To be announced, 22.30—Markets, 22.45—News (Port.), (c) 23.15—Records, 00.15—News (Fr., Sp., Port.); Talk, 03.00—Records, 04.00—News, 04.30—News (Eng.); Records, 05.45—News (Ger.).

PITTSBURGH (12.45-07.00), (b) 15.00—Variety, 17.15—Personal Column, 17.30—Vic and Sade, 17.45—Edward MacHugh, 18.00—News; Sunshine, 18.30—Farm and Home, 19.30—Utility Hall, 19.45—Strollers Matinée, 20.30—Home Forum, 21.00—For Women, 21.30—Variety, 22.00 Club Matinée, 23.00—Junior Nurse Corps, 23.15—For Children, 23.45—Tom Mix, 00.00—News; Stars of Hollywood, 00.45—Lowell Thomas, (c) 01.00—Variety; at 02.00—Gen. Johnson, (d) 04.00—Piccadilly Music-Hall, 05.00—News; Music, 05.30—Orchestras.

PODEBRADY, No Afternoon Programme received, (a) 20.00—

20.15—News, (b) 20.30—Call; News, 20.40—Music, 21.00—News (Ger.), 21.05—Oboe Quartet (Mozart), 21.20—News (Fr.), 21.25—Excerpts, "The Two Widows" (Smetana), 22.00—News (Eng.), 22.05—Music, 01.00-03.10—For America: Call; Music; Talk; News; Mail; at 02.30—News (Eng.).

RADIO-NATIONS (HBO 26.31 m.), 20.00-20.15—League of Nations Report for the British Isles, Northern Europe and South Africa, (HBL 32.10 m.), 01.30-01.45—League of Nations Report for North America.

RIO DE JANEIRO, 23.30-00.30—News; Talks (Eng., etc.).

ROME, 14.20—News; Violin and Pfte., 15.00-16.30—News; "Isabeau" (Mascagni), 17.20—News; Choirs; Recitations; News, 18.30—Music and News (Arabic), 18.50—Turkish Music, 19.40—News (Ger., Fr.), 20.10-23.50—From Rome (420.8 m.), 00.00—U.S.A. Bulletin, 00.20—For South America: Call (It., Sp., Port.); News; Band; Talk; News (Sp., Port.).

SCHENECTADY (17.00-06.00), (a) 17.00—Variety; at 18.30—Farm Programme, 20.00—NBC Music Guild, 20.30—Variety, (a, b) 22.00—Variety, 22.45—Personal Column, 23.00—Stocks; Markets, 23.15—Music, 23.45—For Children, 00.00—Quartet, 00.15—Turn back the Clock, 00.30—News; Stocks; Baseball, 01.00—Amos 'n' Andy, 01.15—News (Sp.), 01.30—Science Forum, 02.00—Rudy Vallee, (b) 03.00—Showboat, 04.00—Bing Crosby, 05.00—Pfte.; Footnotes, 05.15—Orchestra; Northern Lights.

VATICAN CITY, (a) 16.30—Review of the Sciences in Latin, (b) 20.00—See 16.30.

ZEESEN (DJD, DJL, DJC) (06.10-22.20), 06.10—Concert; at 07.00—News, 17.35—Call (Ger., Eng.); Bach Organ Music, 18.15—Talk (Eng.); German Achievements, 18.45—Band, 19.45—Magazine Review, 20.00—News (Eng.); Topical, 20.30—Records, 21.15—Play, 22.00—News (Ger., Eng.).

ZEESEN (DJA, DJB, DJN, DJE, DJQ) (11.55-17.00), 11.55—Call; Music; at 13.00—News (Eng.); and at 15.00—News (Eng., Dutch), 16.00—Cabaret, 16.45—Talk (Eng.); German Achievements.

ZEESEN (DJD, DJB) (22.50-05.00), 22.50—Call (Ger., Eng.); Records, 23.45—News; Folk-Songs, 00.15—Variety, 01.15—Topical, 01.30—Cabaret, 02.15—News (Eng.); Songs, 02.45—Talk (Eng.); German Achievements, 03.00—News, 03.15—Overtures, Waltzes and Marches, 04.30—News (Eng., Ger.).

FRIDAY, October 1

EMPIRE Transmission 1 (GSG, GSO, GSD, GSB), 07.00—Big Ben; Talk on Trees,* 07.15—Derek Kidner (Pfte.), 07.25—"Past, Present, and Future," 08.25—News, 08.50-09.15—Talk on National Health by the Prime Minister, The Rt. Hon. Neville Chamberlain, M.P.*

Transmission 2 (GSJ, GSH, GSG, GSG#), 11.45—Big Ben; Orchestra, 11.50—Gilbert Stacey's Sextet, 12.30—Dance Band, 13.15—Big Ben; "Game, Set, and Match": a review of the summer's sporting events,* 13.45—Musical Interlude, 13.50—News, 14.15-15.15—BBC Empire Orchestra: Enid Cruickshank (Contralto).

Transmission 3 (GSJ, GSH, GSG, GSG#), 15.35—"British Sea Songs," 15.50—Frank Walker's Octet; Janet Howe (Contralto), 16.30—Big Ben; "The Doubtful Misfortune of Li Sing," 17.00—Light Orchestra, 17.10—News, 17.35-18.00—Talk on National Health by the Prime Minister, The Rt. Hon. Neville Chamberlain, M.P.*

Transmission 4 (18.20-21.45 GSG, GSI, GSD, GSB; 22.00-00.00 GSG, GSO, GSF, GSB), 18.20—Welsh Talk, 18.35—BBC Welsh Orchestra, 19.00—Big Ben; News, 19.25—Light Orchestra, 19.45—"Game, Set, and Match": a review of the summer's sporting events, 20.20—Promenade Concert, from Queen's Hall, London; Beethoven's Choral Symphony; Jeanne Dusseau (Soprano); Margaret Balfour (Contralto); Parry Jones (Tenor); Harold Williams (Baritone); BBC Choral Society and Symphony Orchestra, conducted by Sir Henry Wood, 21.35-21.45—Pfte. Music, 22.00—Big Ben; News, 22.25—"After Dinner," 22.50—Dance Orchestra, 23.30-00.00—Dramatic readings from Dickens.

Transmission 5 (GSP, GSO, GSF, GSD), 00.20—Oriental Music, 00.30—Big Ben; "The Doubtful Misfortune of Li Sing," 01.00—Big Ben; Charles Ernesco's Quintet; Walter Glynnie (Tenor), 01.45—Talk on Trees,* 01.40—"Night Shift," 02.10-02.35—News.

Transmission 6 (GSG, GSI, GSD, GSB), 03.00—Big Ben; "Men of Harlech," 03.45—Reginald Paul (Pfte.), 04.10—"Game, Set, and Match": a review of the summer's sporting events,* 04.40-05.05—News.

BOUND BROOK (15.00-07.00), (a) 15.00—Breakfast Club, 15.45—News; Variety, 18.30—Farm and Home, 20.00—News (It.); Matinée (annets. Eng., Ger.), 20.30—Five Hours Back, 21.00—News (Fr.), 21.15—Radio Guild, 22.00—News (Ger.), 22.15—Club Matinée, 23.00—News; Escorts, 23.30—News (Fr., Ger.), 23.45—Orchestras; at 00.30—News, 01.00-03.00—For South America, 01.00—News (Sp., Port.), 01.30—Concert (annets. Eng., Sp.), (b) 03.25-07.00—For South America, 03.25—Music (annets. Sp.); at 04.00—News (Sp.), 04.30—Liedersingers (annets. Eng., Sp.); Swing, 05.00—Concert (annets. Eng., Sp.).

HUIZEN (PHI) (14.25-16.00), (a) For the Dutch Indies, 14.25—Review; Records; Talk, 15.40—News; Stocks.

prano); Margaret Balfour (Contralto); Parry Jones (Tenor); Harold Williams (Baritone); BBC Choral Society and Symphony Orchestra, conducted by Sir Henry Wood, 21.35-21.45—Pfte. Music, 22.00—Big Ben; News, 22.25—"After Dinner," 22.50—Dance Orchestra, 23.30-00.00—Dramatic readings from Dickens.

Transmission 5 (GSP, GSO, GSF, GSD), 00.20—Oriental Music, 00.30—Big Ben; "The Doubtful Misfortune of Li Sing," 01.00—Big Ben; Charles Ernesco's Quintet; Walter Glynnie (Tenor), 01.45—Talk on Trees,* 01.40—"Night Shift," 02.10-02.35—News.

Transmission 6 (GSG, GSI, GSD, GSB), 03.00—Big Ben; "Men of Harlech," 03.45—Reginald Paul (Pfte.), 04.10—"Game, Set, and Match": a review of the summer's sporting events,* 04.40-05.05—News.

BOUND BROOK (15.00-07.00), (a) 15.00—Breakfast Club, 15.45—News; Variety, 18.30—Farm and Home, 20.00—News (It.); Matinée (annets. Eng., Ger.), 20.30—Five Hours Back, 21.00—News (Fr.), 21.15—Radio Guild, 22.00—News (Ger.), 22.15—Club Matinée, 23.00—News; Escorts, 23.30—News (Fr., Ger.), 23.45—Orchestras; at 00.30—News, 01.00-03.00—For South America, 01.00—News (Sp., Port.), 01.30—Concert (annets. Eng., Sp.), (b) 03.25-07.00—For South America, 03.25—Music (annets. Sp.); at 04.00—News (Sp.), 04.30—Liedersingers (annets. Eng., Sp.); Swing, 05.00—Concert (annets. Eng., Sp.).

HUIZEN (PHI) (14.25-16.00), (a) For the Dutch Indies, 14.25—Review; Records; Talk, 15.40—News; Stocks.

LISBON (20.00-03.00), (a) 20.00—Music, 20.50—News; Quintet, 21.30—Orchestra; Vocal Quartet, 22.05—News; Music, 22.30—Concert, (b) 23.00—Records, 23.30—News; Concert, 00.30—News; Dance Music, 01.00—Folk Music, 01.30—News; Music, 02.15—News; Music.

LYNDHURST (03.45-14.30), 03.45—Watchman, 04.00—Time; News, 04.15—Music; Records, 06.00—For Schools, 06.20-08.00—Music, 09.30—Music, 09.45—Sports, 10.00—Books, 10.20—News, 11.10—Sydney MacEwan (Tenor) and Brisbane (ABC) Concert Orchestra, 11.30—From Melbourne, 12.00—Variety, 12.25—Music, 13.30—News, 13.50-14.30—Music.

MOSCOW (21.00-03.15), (b) 21.00—For France, 22.05—For England, 23.00—For Germany, (c) 00.00—For Spain, 01.00—For England.

PARIS (Radio-Colonial) 07.00-06.00), (b) 07.00—News; Records; Review, 09.00—News, 09.30—News (Eng., It.); Records, (a) 11.00—Records, 11.45—Talk (Romanian), 12.00—News (Eng.), 12.15—Concert; at 12.45—Review, 13.30—News, 14.00—Talks; Records, 14.30—"Le devin du village" (Rousseau), 15.55—Markets, (b) 17.15—News (Fr., Arabic), 18.00—Concert, 18.30—Records, 18.50—Science, 19.00—News, 20.10—News (Eng., It.), 20.30—To be announced, 22.30—Markets, 22.45—News (Port.), (c) 23.15—Concert, 00.15—News (Fr., Sp., Port.); Records, 03.00—Records, 04.30—News (Eng.); Records, 05.45—News (Ger.).

PITTSBURGH (12.45-07.00), (b) 15.00—Variety, 17.15—Personal Column, 17.30—Vic and Sade, 17.45—Edward MacHugh, 18.00—News; Sunshine, 18.30—Farm and Home, 19.30—Songs; Interlude, 20.30—Home Forum, 21.00—Music by Cugat, 21.15—American Pen Women, 21.30—Melodies, 22.00—Club Matinée, 23.00—Junior Nurse Corps, 23.15—For Children; Symphonette, 23.45—Tom Mix, 00.00—News; Health Club, 00.45—Lowell Thomas, (e) 01.00—Variety; at 03.00—Ripley, (d) 04.00—Music, 05.00—News; Music, 05.30—Orchestras, 06.15 DX Club, 06.30—New Penn Orchestra.

PODEBRADY, No Afternoon Programme received, (a) 20.00—News, (b) 20.30—Call; News, 20.40—Music, 21.00—News (Ger.); Songs, 21.20—News (Fr.); Music, 22.00—News (Eng.); Music.

RADIO-NATIONS (HBO 26.31 m.), 20.00-20.15—League of Nations Report, (HBL 32.10 m.),

01.30-01.45—League of Nations Report, RIO DE JANEIRO, 23.30-00.30—News; Talks (Eng., etc.).

ROME, 14.20—News; Music, 15.00-16.30—News (Eng.); Talk; Music, 17.20—News; Music, 18.30—Music and Talk (Arabic), 19.40—News (Ger., Fr.), 20.10-23.30—From Rome (420.8 m.), 23.30—South-American Bulletin, 00.00—American Hour from Rome, U.S.A. Bulletin; News and Talk (Eng.); Music.

SCHENECTADY (17.00-06.00), 17.00—Variety; at 18.30—Farm Programme, 20.00—Matinée, 20.30—Five Hours Back, 21.00—Variety, (a, b) 22.00—Variety, 22.45—Personal Column, 23.00—Stocks; Markets, 23.15—While the City sleeps, 23.30—Jack Armstrong, 23.45—For Children, 00.00—Educational; Songs, 00.30—News; Spanish Programme, 01.00—Amos 'n' Andy, 01.15—Uncle Ezra, 01.30—Stocks; Baseball, 01.45—News (Sp.); Soprano, 02.30—Farm Programme, (b) 03.00—Waltzes, 03.30—Talk (Sp.), 04.00—First Nighter, 04.30—Hollywood Gossip; Songs, 05.00—Pfte.; News; Orchestras.

VATICAN CITY, (a) 16.30—Religious Notes (It.), (b) 20.00—Religious Notes (Ger.).

WARSAW, 19.30-20.30—Music; News; Interview.

ZEESEN (DJD, DJL, DJC) (06.10-22.20), 06.10—Concert, 17.35—"October," 18.15—News; Music, 19.15—Sea Shanties, 20.00—News (Eng.); Music, 21.00—Ballads, 21.15—Symphony (Brahms), 22.00—News (Ger., Eng.).

ZEESEN (DJA, DJB, DJN, DJE, DJQ) (06.05-17.00), 06.05—Call (Ger., Eng.); Music; at 07.00—News, 08.00—News (Eng.); Music, 09.30—Band, 10.30—News; Talk, 11.00—Music; at 13.00—News (Eng.), 14.00—News, 14.15—Play, 15.00—News (Eng., Dutch), 15.30—Opera Kaleidoscope; Talk.

ZEESEN (DJD, DJB) (22.50-05.00), 22.50—Call (Ger., Eng.); Organ, 23.45—News; Music, 01.30—Play, 02.15—News (Eng.); Story; Talk, 03.00—News, 03.15—Band; Records, 04.30—News (Eng., Ger.).

SATURDAY, Oct. 2

EMPIRE Transmission 1 (GSG, GSO, GSD, GSB), 07.00—Big Ben; "London Log," 07.10—"The Twilight Serenaders," 07.30—"Children's Corner," 08.25—News, 08.45-09.15—Scots Concert.

Transmission 2 (GSJ, GSH, GSG, GSG#), 11.45—Big Ben; BBC Northern Orchestra, 12.30—"The Saturday Game," 13.30—Big Ben; "London Log," 13.40—Theatre Orchestra, 14.00—"For the Children," 14.30-14.55—News.

Transmission 3 (GSJ, GSH, GSG, GSG#), 15.15—Big Ben; Sousa Marches, 15.30—Arsenal v. Manchester City Association Football Match, 16.30—Sextet, 17.00—Dance Orchestra, 17.10—News, 17.30-18.00—Dance Orchestra (contd.).

Transmission 4 (18.20-21.25 GSG, GSI, GSD, GSB; 21.40-00.00 GSG, GSO, GSF, GSB), 18.20—Dance Band, 18.50—"London Log," 19.00—Big Ben; News, 19.25—Musical Interlude, 19.30—The BBC Presents the A.B.C., 20.00—Music Hall, 21.00-21.25—George Scott Wood's Six Swingers,* 21.40—Promenade Concert from Queen's Hall, London; Redvers Llewellyn (Baritone); BBC Symphony Orchestra, conducted by Sir Henry Wood, 22.30—Big Ben; News, 22.55—Dance Band, 23.25-00.00—"Stop Dancing."

Transmission 5 (GSP, GSO, GSF, GSD), 00.20—"London Log," 00.30—Big Ben; Folk Songs of the West Country, 01.00—Big Ben; Variety,* 02.00—Iris Loveridge (Pfte.), 02.10-02.35—News.

Transmission 6 (GSG, GSI, GSD, GSB), 03.00—Big Ben; Arsenal v. Manchester City Association Football Match,* 03.25—"The Alphas," 04.10—"The BBC Presents the A.B.C.," 04.40-05.05—News.

BOUND BROOK (15.00-07.00), (a) 15.00—Breakfast Club, 15.45—News; Variety, 18.00—News (Fr.); Marshalls, 18.30—U.S. Army Band, 20.00—News and

Music (It.); Quartet, 21.00—News (Fr.); Variety, 22.00—News (Ger.); Matinée, 23.00—News; Variety, 23.30—News (Fr., Ger.); Orchestra, 00.30—News; Music, 01.00-03.00—For South America; News (Sp., Port.); Music, (b) 03.30-07.00—For South America; News; (Sp., Port.); Music.

BUDAPEST, (b) 00.00-01.00 (Sun.)—Pfte.; News; Variety, HUIZEN (PHI) (14.25-16.00) (a) For the Dutch Indies, 14.25—Talks; Music; at 15.40—News, LISBON (20.00-03.00), (a) 20.00—Concert; at 20.50—News, 22.05—News; Music, (b) 23.00—Orchestra; at 23.30—News, 00.30—Topical; Music; at 01.30 and 02.15—News.

LYNDHURST (03.45-15.00), 03.45—Music, 04.00—News, 08.30—News; Records, 09.30—Markets; Sports; Mail, 10.20—News, 11.00—Music, 11.40—Adelaide (ABC) Concert Orchestra, 12.30—Comedy Harmonists, 13.30—News; Mail; Music.

MOSCOW (04.15-03.15), (b) 04.15—For France, 21.00—For Germany, 22.05—For France, 23.00—For Spain, (e) 00.00—For Spain, 01.00—For England.

PARIS (Radio-Colonial) (07.00-06.00), (b) 17.15—News (Fr., Arabic), 18.00—Concert, 18.50—Talk, 19.00—News, 20.10—News (Eng., It.), 20.30—To be announced, 22.30—Markets, 22.45—News (Port.), (e) 23.15—Concert, 00.15—News (Fr., Sp., Port.); Talk, 03.00—Records, 04.00—News, 04.30—News (Eng.); Records, 05.45—News (Ger.).

PITTSBURGH (12.45-07.00), (b) 15.00—Variety; at 16.15—Training your Parents, 18.00—News; Sunshine, 18.30—Farm and Home; Interlude, 19.45—Carnegie Tech. N.Y.U. Football Game, 22.30—Matinée, 23.00—Variety, 00.00—News; Music, (e) 01.00—Message of Israel, 01.30—Variety, 01.00—Jim, 02.00—Variety, 03.00—Barn Dance, (d) 04.00—Variety, 05.00—News; Orchestras.

PODEBRADY, No Afternoon Programme received, (a) 20.00—News, (b) 20.30—News; Choir, 21.00—News (Ger.); Respiqui, 21.20—News (Fr.); Sketch, 22.00—News (Eng.), 22.05—Symphony (Haydn).

RADIO-NATIONS (HBO 26.31 m.), 20.00-20.15—League of Nations Report

RIO DE JANEIRO, 23.30-00.30—News; Talks (Eng., etc.).

ROME, 14.20—News; Soprano; Talk, 15.00-16.30—News (Eng.); Music, 17.20—News; "Isabeau" (Mascagni), 18.30—Music and News (Arabic), 18.50—News (Turk.), 19.40—News (Ger., Fr.), 20.10-00.00—From Rome (420.8 m.), 00.00—U.S.A. Bulletin, 00.20—For South America: News (It., Sp., Port.); Music.

SCHENECTADY (17.00-06.00), (a) 17.00—Variety, (a, b) 18.00—Continental, 18.30—Farm Programme, 19.00—Variety, 21.00—Concert Miniatures, 21.30—Variety, 23.30—Kindergarten, 00.00—Top Hatters, 00.30—News; Soprano, 00.45—Art of Living, 01.00—El Chico, 01.30—Stocks; Baseball, 02.00—Orchestra, 02.30—"That's Life"; Interlude, (b) 03.00—Variety, 04.00—Jamboree, 05.00—Orchestras.

VATICAN CITY, (a) 16.30—Religious Notes (It.), (b) 20.00—Religious Notes (Dutch).

ZEESEN (DJD, DJL, DJC) (06.10-22.20), 06.10—Concert, 17.35—Songs, 18.15—News; Talk, 18.45—Sonata (Brahms), 19.15—"Berlin," 20.00—News (Eng.); Topical, 20.30—Dance Music, 22.00—News (Ger., Eng.).

ZEESEN (DJA, DJB, DJN, DJE, DJQ) (06.05-17.00), 06.05—Call (Ger., Eng.), 06.10—Concert; at 07.00—News, 08.00—News (Eng.); Topical, 08.30—"October," 09.00—Dance Music, 10.30—News, 11.00—Ballads; A Skit, 12.00—Music; at 13.00—News (Eng.), 14.00—News, 14.15—Sea Shanties, 15.00—News (Eng., Dutch); Topical, 15.30—Music; Talk.

ZEESEN (DJD, DJB) (22.50-05.00), 22.50—Call (Ger., Eng.); Sea Shanties, 23.45—News; Potpourri, 00.30—Calendar, 01.00—Music; Topical, 01.45—Folk Music, 02.15—News (Eng.); Ballads; Talk, 03.00—News; Dances, 04.30—News (Eng.).

Long and Medium Wave Programmes

SUNDAY SEPTEMBER 26

11 a.m.

KALUNDBORG, 11.25—Opening of the Storstrom Bridge.

12 noon

KALUNDBORG, 12.0-12.45 — Opening of the Storstrom Bridge (contd.).

1 p.m.

BERLIN and **MOST GERMAN STATIONS**, Light Music. **BRUSSELS** (1), News. 1.10—Records. 1.30—Salon Orchestra. **DANZIG**, Band. **DEUTSCHLANDSENDER**, Report: The Opening of the Storstrom Bridge (Recorded). 1.15 — Music from Munich.

FRANKFURT, See Deutschlandsender. 1.15—Music from Berlin. **HILVERSUM** (1,875 m.), Palla (Organ). 1.10 — Light Music. 1.40—Books.

KALUNDBORG, News. **MUNICH**, Light Orchestral. **PARIS** (PTT), Derveaux Orchestra. **RADIO-PARIS**, Visciano Orchestra. 1.15—Songs. 1.30—News. 1.45—Orchestra (contd.).

2 p.m.

BERLIN, Records. 2.30—Echoes from the Kurmark. **BRESLAU**, News. 2.10 — Reading. 2.30 — Variety. **BRUSSELS** (1), 2.0-2.15 — Notes; Records. 2.30—Loiseau Orchestra.

COLOGNE, Baritone, Flute and Pft. 2.30—Talks. **DANZIG**, Variety. **DEUTSCHLANDSENDER**, For Children. 2.30—Hungarian Folk Music. **FRANKFURT**, For Children. 2.30—Records.

HAMBURG, For Children. **HILVERSUM** (1,875 m.), Books. 2.10—AVRO Orchestra, Conductor: van Raalte.

KALUNDBORG, Records. 2.30—Athletics Report. **KÖNIGSBERG**, Chess. 2.30 — Variety.

LEIPZIG, 2.5 — Waltz Records. **MUNICH**, Light Orchestral. **PARIS** (PTT), 2.30 — "Le mariage de Madeleine" (Ponsou-Wicheler).

RADIO-PARIS, Sound Film. 2.10 — For Young People. **STUTTGART**, See Frankfurt. 2.30—Records.

3 p.m.

BERLIN, Records: Classical Italian Music. **BRESLAU**, Variety. 3.30—A Story. 3.50—Talk. **BRUSSELS** (1), Jehan Froissart Sixth Centenary. 3.45—Haydn Records. **BRUSSELS** (2), Pft. 3.30—Loiseau Orchestra.

COLOGNE, Talks. 3.15—Songs. **DANZIG**, "Card Games"—Two Sequences. 3.40 — Choir. **DEUTSCHLANDSENDER**, Variety Records.

FRANKFURT, Records. 3.15—Heinrich Hansjakob Folk Stories and Music.

HAMBURG, Operetta Records. 3.45—Report: The Opening of the Storstrom Bridge (Recorded). **HILVERSUM** (1,875 m.), Orchestra (contd.). 3.25—Dance Music. 3.55—Male Voice Choir.

KALUNDBORG, Radio Orchestra; at 3.50—Reading. **KÖNIGSBERG**, Variety. 3.15—"Birthdays"—Sequence.

LEIPZIG, Fairy Play. 3.30—Music. 3.40—Talk.

MUNICH, See Leipzig. 3.30—Records. 3.45—Talk.

PARIS (PTT), Play (contd.). **RADIO-PARIS**, Spanish Songs. 3.15—Dance Band. 3.45—Songs. **STUTTGART**, Records. 3.30—Choir.

VIENNA, 3.40—String Quartet in E minor (Bridge) by the Weiss Quartet.

4 p.m.

BRESLAU, Opera and Light Music. **BRUSSELS** (1), "Parodists". **BRUSSELS** (2), Loiseau Orchestra. 4.15—Male Voice Choir.

COLOGNE, Light Music. **DANZIG**, Choir. 4.10—Concert. **FRANKFURT**, Concert from Bad Nauheim.

HILVERSUM (1,875 m.), Choir

(contd.). 4.25—Records; Sports. 4.45—Girls' Choir. **HILVERSUM** (301.5 m.), 4.35—Sports. 4.45—Choir and Organ. **KALUNDBORG**, Radio Orchestra. **KÖNIGSBERG** and **DEUTSCHLANDSENDER**, Station Orchestra; at 4.5-4.25—The von der Goltz Point-to-Point Steeplechases.

LEIPZIG, Variety Concert. **PARIS** (PTT), Play (contd.). 4.30—Records: Russian Music. **RADIO-PARIS**, Dramatic Programme.

STUTTGART, **BERLIN**, **HAMBURG**, and **MUNICH**, Light Classical Music.

VIENNA, String Quartet (Bridge) (contd.). 4.10—Talk. 4.35—Folk Programme.

5 p.m.

ATHLONE, 5.30—Ceilidhe Trio. **BRESLAU**, Opera and Light Music. **BRUSSELS** (1), Ignace Blochman (Pft.) and Maurice de Groot (Bass). 5.45—Records.

BRUSSELS (2), Concert; at 5.30—Sports. **BUDAPEST** (1), Tarogato and Cigány Band.

COLOGNE, Light Music. **DANZIG**, Concert. **DEUTSCHLANDSENDER**, See Königsberg. 5.30—Records: Sudeitic-German Music.

FRANKFURT, Concert (contd.). **HILVERSUM** (1,875 m.), Girls' Choir. 5.10—For Children. 5.40—VARA Orchestra. **HILVERSUM** (301.5 m.), Choir and Organ. 5.40—Records.

KALUNDBORG, Service. **KÖNIGSBERG**, Station Orchestra. **LEIPZIG**, Variety Concert.

OSLO, Hardanger Fiddle and Songs. 5.30—Reading. 5.35—Eric Coates Records. 5.55—Talk.

PARIS (PTT) and **STRASBOURG**, Caussade Orchestra. **RADIO-NORMANDIE**, Records. 5.30—Hildegard. 5.45 — Light Music. **RADIO-PARIS**, Andolfi Orchestra.

STUTTGART, **BERLIN**, **HAMBURG** and **MUNICH**, Light Classical Music.

TURIN and **ROME**, "Wonder Bar" (Katscher-Farkas-Herzeg). —Talk. 5.35—Reading.

VIENNA, Folk Programme. 5.15 —Talk. 5.35—Reading.

WARSAW, "Le voyageur et l'amour" — Play (Morand-Serkowska). 5.38—Report.

6 p.m.

ATHLONE, Orchestra and Soprano. 6.50—Reading, "The Escape" (Denis Carcy).

BERLIN, Gaden Band. **BEROMÜNSTER**, Chopin Songs. 6.25 —Marches. 6.50—For Youth.

BRESLAU, Reading. 6.30 — Sports. **BRUSSELS** (1), For Youth. **BRUSSELS** (2), Recitations. 6.15—Stravinsky Records. 6.45—Address. **BUCHAREST** and **RADIO-ROMANIA**, 6.12. — Military Band.

BUDAPEST (1), Reading. 6.30 —Homeros Choir.

COLOGNE, Schumann Songs and Pft. Music. 6.30—"The Werewolf" — Play with Music (Löns-Girnatis).

DANZIG, "The Vistula"—Literary and Musical Sequence. 6.40 —Songs by Danzig Composers.

DEUTSCHLANDSENDER, Melody and Rhythm—Bands.

FRANKFURT, "The Lansquenets"—Literary and Musical Programme.

HAMBURG, Dialect Comedy. 6.45 —Bands from Deutschlandsender. **HILVERSUM** (1,875 m.), VARA Orchestra. 6.10—Talk; News. 6.30—VARA Orchestra. 6.40—"The Lucky Birds." **HILVERSUM** (301.5 m.), Service.

KALUNDBORG, Service (contd.). 6.20 — Lecture-Recital: Weyse. **KÖNIGSBERG**, Talk. 6.15 — Peter Arco and Records.

LEIPZIG, Music from Serenades and Suites.

MUNICH, "The Theft of Mona Lisa"—Sequence. 6.40—"Lansquenets"—Sequence (Recorded).

OSLO, Talk. 6.15—Swedish Music and Reading. 6.40—Talk. 6.55 —Violin Records.

PARIS (PTT), Caussade Orchestra. 6.30—Mozart Records.

RADIO-NORMANDIE, Music-Hall Memories. 6.15—Alfredo

Campoli and his Orchestra. 6.30 —Jack Hylton and his Dance Band. **RADIO-PARIS**, Andolfi Orchestra.

SOTTENS, Protestant Address. 6.30—Viola Sonata (Honegger).

STOCKHOLM, Service. **STRASBOURG**, See Paris (PTT). 6.30—Talk. 6.45—Records. **STUTTGART**, "Schwäbisch Hall Ninth Centenary"—Sequence.

TURIN and **ROME**, "Wonder Bar" (contd.).

VIENNA, "Pearls of Vienna" (Steinberg-Frank)—Music by Sieberth.

WARSAW, Concert; at 6.55 — Reading.

7 p.m.

ATHLONE, Reading (contd.). 7.30—Robert Irwin (Baritone).

BERLIN, Sports. 7.15—Hass Quintet. **BEROMÜNSTER**, For Youth. 7.20 — Ländlers and Yodels. 7.45 — News. 7.57 — Wagner Pft. Music. **BRESLAU**, Folk Music. **BRUSSELS** (1), Religious Address. 7.15 —

BRUSSELS (2), Records. 7.30 — Films. **BUCHAREST** and **RADIO-ROMANIA**, Military Band. 7.10—Talk. 7.30—Dance Music. **BUDAPEST** (1), Report: The International Athletics Championships. 7.50 — "May Music" (Imre Farkas).

COLOGNE, Play (contd.). 7.40 — Sunday Review.

DANZIG, "Dancing at the Village Inn"—Band, Cornet, etc. **DEUTSCHLANDSENDER** and **HAMBURG**, Bands (contd.). 7.30—Sports.

EFFEL TOWER, "Le Loup" — Play (Raadi); Music by Lebon.

FRANKFURT, Light Classical Music. 7.45—Sports.

HILVERSUM (1,875 m.), "The Lucky Birds." 7.40—News. 7.55 —AVRO Orchestra. Conductor: van Raalte; Roodenburg (Violin).

HILVERSUM (301.5 m.), Service (contd.). 7.25 — Sports; Talk. 7.50—News.

KALUNDBORG, News. 7.30—Excerpts from the Storstrom Bridge Festivities. **KÖNIGSBERG**, Records. 7.10—For Ex-Servicemen. 7.40—Sports.

LEIPZIG, Leipzig Students' Madrigal Society. 7.30—Sports Reports.

MONTE CENERI, 7.45—News. 7.55 — Contemporary Music. **MUNICH**, "Lansquenets" (contd.). 7.40 — Sports. 7.45 — Report: The Dagling Festival.

OSLO, Violin Records. 7.10 — News. 7.30—Operetta Music.

PARIS (PTT), News. **PRAGUE**, 7.5—Czech Philharmonic. Conductor: Rafael Kubelik (Dvořák, Suk, Janacek).

RADIO-NORMANDIE, Records. 7.15—The Voice of the Stars. 7.30 — Sports. 7.50 — News.

RADIO-PARIS, Radio-Paris Guignol. 7.30—"Old Houses"—Historical Sketches. **ROME** and **TUBIN**, Announcements. 7.45—Sports.

SOTTENS, Film Review. 7.50 —News. **STOCKHOLM**, Service (contd.). 7.15—News. 7.30 —Jan Smeterlin (Pft.). **STRASBOURG**, News. 7.35 — For Farmers. **STUTTGART**, Records: Beautiful Voices. 7.30 — Sports Reports.

TOULOUSE, News. 7.15—Orchestra. 7.45—Film Music.

VIENNA, Sports. 7.10—Reading. 7.35—Maria Tauber (Soprano).

WARSAW, Concert (contd.).

8 p.m.

ATHLONE, Music. 8.30—Banjo. 8.40—Glasgow Orpheus Choir.

BERLIN, "Der Wildschütz", Wagner Pft. Music. 8.15—Talk. 8.30—Orchestra. 8.50—"Valeria"—Sequence. **BRESLAU**, Folk Music. 8.20 — Talk. 8.30 — "Idomeno" (Mozart). **BRUSSELS** (1), Records: Quartet in C minor (Brahms). 8.30—See Eiffel Tower. **BRUSSELS** (2), Casino Concert—Opera and Light Classical Music. 8.45—"French Flanders"—Sequence. **BUCHAREST** and **RADIO-ROMANIA**, Dance Music. 8.30 — "The Chocolate Soldier" (Strauss).

BUDAPEST (1), "May Music" (contd.).

COLOGNE, Rhineland Folk Music. **DANZIG**, "Dancing at the Village Inn" (contd.). **DEUTSCH-**

LANDSENDER, "In Praise of Wine"—Fantasy (Kuhner). **EFFEL TOWER**, Play (contd.). 8.30—Garde Républicaine Band. **FRANKFURT**, Opera and Light Music.

HAMBURG, "La Rondine" (Puccini). **HILVERSUM** (1,875 m.), Orchestra and Violin (contd.). 8.55—Topical. **HILVERSUM** (301.5 m.), Records. 8.10—To be announced.

KALUNDBORG, Sketch. 8.15—Radio Orchestra and Violin. **KÖNIGSBERG**, "An Evening in Schönbrunn."

LEIPZIG, "Musical Pictures of Old Vienna"—Concert. **LILLE**, 8.30—From the Opéra-Comique, Paris.

MONTE CENERI, Contemporary Music. 8.30—"Papa Eccellenza"—Play (Rovetta). **MUNICH**, "Francesca da Rimini" (Goetz).

OSLO, Operetta Music. 8.30—For Children.

PARIS (PTT), Variety. 8.30—"France in Song." **POSTE PARISIEN**, News. 8.10—Les Frères Jacasse. 8.15—Interlude. 8.45 — La bonne histoire.

PRAGUE, Czech Philharmonic (contd.).

RADIO-NORMANDIE, 8.5 — Concert. **RADIO-PARIS**, Political Review. 8.15—Songs. 8.30 —Three Russian Plays (French Trans., Roche): (a) "Sur la Grand' Route" (Chekhov), (b) "La provinciale" (Turgenev), (c) "L'anniversaire" (Chekhov).

ROME and **TURIN**, Music. 8.10—News. 8.30—Talk.

SOTTENS, Sports. 8.20—Geneva Station Ensemble. **STOCKHOLM**, Pft. (contd.). 8.10—Play. **STRASBOURG**, 8.5 — News (German). 8.15—News. 8.30—Alsatian Dialect Comedy.

STUTTGART, Dance Music and Light Music.

TOULOUSE, Jazz Band. 8.30—Light Music.

VIENNA, 8.5—Orchestral Dances. **WARSAW**, Records: Quartets. 8.35—Announcements; News.

9 p.m.

ATHLONE, Choir (contd.). 9.30—Variety.

BERLIN, "Der Wildschütz" (contd.). **BEROMÜNSTER**, "Valeria" (contd.). **BRESLAU**, "Idomeno" (Mozart) (contd.).

BRUSSELS (2), Concert (contd.). **BUCHAREST** and **RADIO-ROMANIA**, "The Chocolate Soldier" (contd.).

BUDAPEST (1), "May Music" (contd.). 9.50—News.

COLOGNE, Rhineland Folk Music. **DANZIG**, "Dancing at the Village Inn" (contd.). **DEUTSCHLANDSENDER**, Fantasy (contd.).

EFFEL TOWER and **BRUSSELS** (1), Garde Républicaine Band.

FRANKFURT, Opera and Light Music.

HAMBURG, "La Rondine" (contd.). **HILVERSUM** (1,875 m.), Topical. 9.10—Harp Quartet. 9.55 — Radio Magazine.

HILVERSUM (301.5 m.), To be announced. 9.10—Records; Dialogue. 9.25—Maastricht Municipal Orchestra.

KALUNDBORG, Orchestra, etc. (contd.). 9.20—Songs. 9.35—Bach Pft. Music. 9.55—News. **KÖNIGSBERG**, "An Evening in Schönbrunn" (contd.).

LEIPZIG, "Musical Pictures of Old Vienna" (contd.). **LILLE**, From the Opéra-Comique (contd.).

MONTE CENERI, Play (contd.). 9.55—Sports. **MUNICH**, "Francesca da Rimini" (Goetz) (contd.).

OSLO, For Children. 9.40—News. **PARIS** (PTT), "France in Song" (contd.). **POSTE PARISIEN**, News. 9.5—Amateurs' Programme. 9.55—News.

PRAGUE, Czech Philharmonic (contd.).

RADIO-NORMANDIE, Concert. 9.30—Humorous Items. **RADIO-PARIS**, Russian Plays (contd.); at 9.30—News. **ROME**, Comedy (Morselli). 9.40—Light Music.

SOTTENS, Geneva Station Ensemble. 9.30 — Fridolin and Partner. 9.40 — Dance Music.

STOCKHOLM, Play. 9.45 — News. **STRASBOURG**, Dialect Comedy (contd.). **STUTTGART**, Dance Music and Light Music. 9.15—"Die deutsche Tanne"—Cantata (Koch).

TOULOUSE, Light Music. 9.15—Fantasy. 9.35 — Tango Band.

TURIN, "Primavera fiorentina" (Pedrollo); "Notturmo romantico" (Pick-Mangiagalli).

VIENNA, Dance Music. 9.35—Records. **WARSAW**, Variety. 9.40—Sports.

10 p.m.

ATHLONE, Variety. 10.30—News. 10.40—Eye Witness Description of the All-Ireland Football Final.

BEROMÜNSTER, "Valeria" (contd.). 10.25—Sports. **BRESLAU**, News. 10.30 — Dance Music. **BRUSSELS** (1), News. 10.30 — Musical Trip through Provence. **BRUSSELS** (2), News. 10.10—Dance Music.

BUCHAREST and **RADIO-ROMANIA**, "The Chocolate Soldier" (contd.). **BUDAPEST** (1), News. 10.20—Jazz Band.

DANZIG, "Dancing at the Village Inn" (contd.). 10.20—Military Reunion. **DEUTSCHLANDSENDER** and **MOST GERMAN STATIONS**, News. 10.30 —Dance Music.

HILVERSUM (1,875 m.), Radio Magazine. 10.40—News. 10.50—Dance Music. **HILVERSUM** (301.5 m.), Orchestra (contd.). 10.10—News. 10.20—Epilogue.

KALUNDBORG, News. 10.10—Songs. 10.25—Commentary and Dancing from the Nykobing, Falster. **KÖNIGSBERG**, News. 10.20—Labour Front Day in Angerburg. 10.40—Light Music and Dance Music.

LILLE, From the Opéra-Comique (contd.).

OSLO, News. 10.15—Orchestra. **PARIS** (PTT), "France in Song" (contd.). 10.30—News. 10.45 — Schubert Records.

POSTE PARISIEN, Dance Music. 10.30—Dance Records. **PRAGUE**, News (Czech, German).

RADIO-NORMANDIE, Paris Exhibition News. 10.15—Records. 10.30—Light Music. 10.45—Records. **RADIO-PARIS**, Russian Plays (contd.). 10.30—Record; Sound Film. 10.45 — News.

ROME, Light Music. 10.40—Dance Music.

SOTTENS, Dance Music. **STOCKHOLM**, Orchestra. **STRASBOURG**, Dialect Comedy (contd.). 10.30—News. 10.55—News (German).

TOULOUSE, News. 10.15—Musette Band. 10.30 — Excerpts, "Aida" (Verdi). 10.45—Orchestra. **TURIN**, Operas (contd.).

VIENNA, Records. 10.10—News. 10.30—Light Music and Schrammel Music. 10.55—Notes.

WARSAW, Frenkel (Violin). 10.30 —Bender (Bass Arias). 10.50—News.

11 p.m.

BRESLAU, Dance Music. **BRUSSELS** (1), Dance Music. **BRUSSELS** (2), Records: Fifth Symphony (Tchaikovsky).

BUDAPEST (1), 11.5—Military Band.

DEUTSCHLANDSENDER and **MOST GERMAN STATIONS**, Dance Music.

HILVERSUM (1,875 m.), Dance Music. 11.20—Records.

KALUNDBORG, 11.5 — Talk in Italian: The Storstrom Bridge. 11.20—Dance Music. **KÖNIGSBERG**, Light Music and Dance Music.

LILLE, From the Opéra-Comique (contd.); News.

NATIONAL

Time Signals: Big Ben, 12.30, 10.45 p.m. Greenwich, 10.30 a.m., 4.0, 9.0 p.m. D=Droitwich.
9.25-10.15 a.m. (D)—Service (C. of Scotland).
10.30-10.45 (D)—Weather Forecast.
12.30 p.m. (D)—Theatre Orchestra.
1.30 (D)—The Cazabon Trio.
2.0 (D)—Short Story.
2.20 (D)—Alfredo Campoli and his Salon Orchestra.
3.15 (D)—The Fleet Street Choir.
4.0—“Medicine in History”: W. A. Osborne, M.D.
4.15—Band.
5.0—Talk: New Books on Religion.
5.20—Lauri Kennedy (‘Cello); Dorothy Kennedy (Pfte.).
6.0—The Cinema—Caroline A. Lejeune.
6.15—BBC Theatre Orchestra.
7.0—Ninon Vallin (Soprano).
7.30—Twenty Years After—A. G. Street.
7.55—Harvest Thanksgiving Service (C. of E.).
8.45—Appeal. 8.50—News.
9.5—Walford Hyden Magyar Orchestra.
9.45—Music for Radio.
10.30—Epilogue.

REGIONAL

Time Signals: Big Ben, 12.30, 10.45 p.m. Greenwich, 4.0, 9.0 p.m.
11.0 a.m.-12.15 p.m. (Welsh)—Welsh Service (Calvinistic Methodist).
12.30 (ex. Midland, Western)—National.
3.15 (Scottish)—Quatercentenary Celebrations, St. Mary’s College, St. Andrews.
4.0 (ex. Northern, N. Ireland, Scottish)—Records.
4.0 (Northern)—Colliery Band.
4.0 (N. Ireland)—Metrical Psalms.
4.15 (Scottish)—Talk.
4.30 (ex. Welsh)—For the Children.
4.30 (Welsh)—Welsh Missionary talk.
4.50 (Welsh)—Muriel Parkin (Soprano); Percy Turnbull (Pfte.).
5.0 (ex. Welsh)—The Bad Nauheim Spa Orchestra, from Germany.
5.30 (ex. Northern, Western)—Harry Engleman’s Quintet.
5.30 (Northern)—Walter Widdop (Tenor); Alec Whittaker (Oboe).
5.30 (Western)—Talk.
5.45 (Western)—Sextet: Mary Condon (Soprano).
6.15 (ex. Midland, N. Ireland)—Chamber Music. New London Trio.
6.15 (Midland)—“Tobias and the Angel”: Comedy by James Bridie.
6.15 (N. Ireland)—Chamber Music: Philip Whiteaway String Quartet.
6.55 (N. Ireland)—Service (C. of Ireland).
7.0 (ex. Midland, Northern, N. Ireland)—Folkestone Municipal Orchestra.
7.0 (Northern)—BBC Northern Orchestra: Alfred Barker (Violin).
7.55—Services.
8.45—Appeals.
8.50—News.
9.5 (Regional, Welsh, Scottish)—BBC Orchestra (Section C).
9.5 (Midland)—Birmingham Philharmonic String Orchestra.
9.5 (Northern)—The Spa Orchestra.
9.5 (Western)—Massed Male Voice Choirs.
9.5 (N. Ireland)—BBC Northern Ireland Orchestra.
9.45 (ex. Welsh)—BBC Military Band: Arthur Fear (Baritone).
9.45 (Welsh)—BBC Welsh Orchestra.
10.30—Epilogue.

Hours of Transmission in British Summer Time.

ATHLONE (Ireland)
 565 kc/s (531 m.); 100 kW. Relayed by Dublin, 1,348 kc/s (222.6 m.); and Cork, 1,235 kc/s (242.9 m.).
1.30-3.0 p.m.—Records. 5.30—Round Tower Ceilidhe Trio.
6.0—Irish Radio Orchestra and Dorothy Griffith (Soprano). Overture, “The Bartered Bride” (Smetana). Ballet, “Bacchus” (Massenet).
6.50—The Last of the Kings, No. 2—The Escape, written for the Radio by Denis Carey, produced by May Carey. 7.30—Robert Irwin (Baritone). 8.0—An Ceol Cumann Programme of Music. 8.30—R. W. Hope (Banjo). 8.40—Glasgow Orpheus Choir from Dundalk.

11.30—See Leipzig. 12.0 noon—Light Music. Station Orchestra, Conductor: Willy Steiner. Freundorfer Orchestra. Bund Pfte. Duo. 2.0—Records. 2.30—Echoes from the Kurmark.
3.0—Records: Italian Music. Overture, “La Cenerentola” (Rossini). Arias (Verdi) from (a) “Attila,” (b) “I Lombardi,” by Elisabeth Rethberg, Gigli and Ezio Pinza. Music (Mascagni), Conductor: The Composer. (a) Prelude, “I Rantzau,” (b) Dances from “Iris.” Intermezzo from “Manon Lescaut” (Puccini) by the Milan Symphony Orchestra. Intermezzo, Act III, “Madame Butterfly” (Puccini). Conductor: Veneziani. La boutique fantasque (Rossini-Respighi), Conductor: Goossens.
4.0—Light Classical Music from Saarbrücken. 6.0—Gaden Band. 7.0

SUNDAY (September 26)

2.5-3.45—Dedication Service from the Protestant Church at Merligen.
5.0-7.45—From Bern. 5.0—Barrel Organ. 5.25—Käthe Winkler and Leopold Kramer (Viennese Songs). 5.45—Schrammel Records. 6.0—Chopin Songs. 6.20—Surprise. 6.25—Marches. 6.50—For Young People. 7.20—Ländlers and Yodels. 7.45—News.
7.55-8.30—From Berne. 7.55—Sports. 7.57—Wagner Pfte. Music played by Eugene Huber. 8.15—Talk: Heine. 8.30—Zürich Radio Orchestra, Conductor: Bernhard.
8.50 (from Berne)—“Valeria”—Sequence.
10.25 (from Berne)—Sports; Announcements.

BRATISLAVA (Czechoslovakia)
 1,004 kc/s (298.8 m.); 13.5 kW. 6.45-9.0 a.m.—See Prague. 9.0—Roman Catholic Service. 10.0—Roman Catholic Address. 10.15—Sonata (Milhaud) by Bláha and Kolár (violins) and Macudzinski (Pfte.). 10.35—Pavel Országh-Hviezdoslav—Talk and Reading.
11.0—Report: The Demonstration at the Paval Országh-Hviezdoslav Monument, Hviezdoslav Square. 12.0 noon-12.20 p.m.—See Prague. 12.20—See Brno. 1.50—For Farmers. 2.5—Record. 2.10—For Workers. 2.25—Water Level. 2.30—See Brno. 4.0—Military Band from Kosice. 4.45—Talk from Kosice. 5.0—See Prague. 5.35—Talk. 5.50—Record.
6.0—Hungarian Transmission: “The Forester’s Wife”—Play (Pavel Országh-Hviezdoslav, trans. Schöpflin). 6.45—Record. 6.50-7.10—See Prague.
7.10-8.0—From Kosice. 7.10—To be announced. 7.30—Talk. 7.40—“Henry VIII’s Sixth Wife”—Play (Bering), from Kosice.
8.0-10.20—See Prague. 10.20—News and Sports (Hungarian). 10.30-11.30—See Prague.

BRESLAU (Germany)
 950 kc/s (315.8 m.); 100 kW. Relayed by Gleiwitz, 1,231 kc/s (243.7 m.).
5.0 a.m. (from Gleiwitz)—Band, Conductor: Fischer; at 5.30—Weather.
6.0—See Hamburg. 8.0—Motto. 8.5 (from Gleiwitz)—Band (contd.). 8.50—News.
9.0—See Leipzig. 9.30—Wilhelmine Holzinger-Rauh (Pfte.). 10.0—Häusler Schrammel Quartet and the Breslau Street Musicians. 11.0 (from Gleiwitz)—“Autumn in the Woods and Fields”—Sequence (Hauptstock). 11.55—Weather.
12.0 noon—See Berlin. 2.0 p.m.—News. 2.10—Once upon a time.
2.30—Variety. 3.30—A Story. 3.50—Talk: Horse-Racing Two Hundred Years Ago.
4.0—Opera and Light Music. Station Orchestra, Conductor: Topitz. Emmé-Schuhardt (Tenor). Gelgunth Brothers (Accordions). Krams (Violin). 6.0—Friedrich Schnack reads. 6.30—Sports. 7.0 (from Gleiwitz)—Folk Music. Band, Conductor: Gediga. Beuthen Mandoline Quintet. Willi Hunn (Accordion).
8.20—Talk on the following Programme.
8.30—“Idomeneo” (Mozart). Station Choir and Orchestra, Conductor: Prade. Cast: Helmuth Melchert, Herma Kaltner, Ly Betzou, Carla Spletter, Gerhard Bertermann and Hermann Gaupp.
10.0—News. 10.15—Sports.
10.30 p.m.-12.0 m’t. (from Gleiwitz)—Dance Music. Orchestra, Conductor: Gielnik.

PRINCIPAL EVENTS

SERVICES AND SACRED MUSIC
 A.M.
 10.0 Kalundborg: Service.
 11.0 Italian stations: Gregorian Mass.
 11.30 Leipzig, etc.: Bach Cantata.
SYMPHONY CONCERTS
 12.3 Warsaw: Orchestra, ‘cello.
 7.5 Prague, etc.: Dvořák’s Fifth, etc.
LIGHT CONCERTS
 12.0 Brussels 1: Massenet prog.
 12.30 Radio-Paris: Visciano Orch.
 2.10 Hilversum (1,875 m.): Orchestra.
 3.0 Kalundborg: Popular orch.
 6.0 Deutschlandsender: Bands.
 7.30 Oslo: Operetta music.
 7.55 Hilversum (1,875 m.): Orch., violin.
 8.0 Brussels 2: Orch., soprano, vln.
 8.0 Cologne: Peasants’ music.
 8.0 Leipzig: Viennese Potpourri.
 8.5 Vienna: Dances.
 8.30 Eiffel Tower, Brussels 1: La Garde Républicaine.
 8.30 Paris (PTT): “France in Song.”
 8.40 Athlone: Glasgow Orpheus Choir.
 9.5 Poste Parisien: Amateurs’ Hour.
 9.10 Hilversum (1,875 m.): Harp quartet.
 9.25 Hilversum (301.5 m.): Maestricht Orchestra.
 10.0 Stockholm: Radio Orchestra.
 10.30 Vienna: Operetta music, pianoforte, etc.
 11.5 Budapest 1: Military Band.
OPERAS
 8.0 Berlin: “Der Wildschütz.”

8.0 Hamburg: “The Swallow” (Puccini).
 8.0 Munich: “Francesca da Rimini” (Goetz).
 8.30 Breslau: “Idomeneo” (Mozart).
 9.0 Turin: Two operas (Pedrollo, Pick-Mangiagalli).
 12.0 Frankfurt, Stuttgart: “Djamileh” (Bizet).
OPERETTAS
 5.0 Turin, Rome: “Wonder Bar.”
 7.50 Budapest 1: “May Music.”
 8.30 Bucharest: “The Chocolate Soldier.”
RECITALS
 5.0 Oslo: Hardanger Fiddle.
 7.0 Leipzig: Madrigals.
 7.30 Stockholm: Smeterlin (pftc.).
 9.35 Kalundborg: Pfte. (Bach).
 10.0 Warsaw: Violin, bass.
PLAYS
 7.0 Eiffel Tower: “The Wolf.”
 8.30 Radio-Paris: Three Russian plays.
 8.30 Strasbourg: Alsatian comedy.
LAST NEWS BULLETINS, see Monday
DANCE MUSIC
 9.40 Sottens; 10.10, Brussels 2; 10.20, Budapest 1; 10.30, Breslau, Deutschlandsender, Poste Parisien; 10.50, Hilversum (1,875 m.); 11.0, Brussels 1, Radio-Paris, Strasbourg; 11.20, Kalundborg.
MISCELLANEOUS
 3.0 Brussels 1: Froissart anniversary Pageant.
 7.0 Budapest: Athletics commentaries.
 7.0 Radio-Paris: Bilboquet.

9.30—Variety. 10.30—News.
10.40—Eye-witness Description of the All Ireland Football Final. 11.0—National Anthem.
BARCELONA (EAJ1) (Spain)
 795 kc/s (377.4 m.); 7.5 kW. Transmits at intervals from 9.0 a.m.
5.30 p.m.—Records. 7.0—Time; Dance Music. 8.0—Song Records. 9.0—Records.
 10.0—Time; News; Dance Records. 11.0—Time; Records: Dance Music and Light Music. 12.0 m’t.—News (Italian, German, French, Portuguese, Spanish).
BERLIN (Germany)
 841 kc/s (356.7 m.); 100 kW. 6.0 a.m.—Call; Weather. 6.10—Gym. 6.30—Concert from Hamburg. 8.0—Gym. 8.20—Operetta and Light Music (Recorded). 8.55—Chimes and Service from Potsdam Garrison Church. 9.30—Address. 10.0—Weather. 10.5—Light Music. Heyden Band. Musette Orchestra.

—Sports. 7.15—Light Music by the Waldemar Hass Quintet.
8.0—“Der Wildschütz” (Lortzing). Station Choir and Orchestra. Conductors: Weigel and Heinrich Steiner. Cast: Gerhard Hüsch, Margarete Heyer, Johann Decker, Gertrud Callam, Erna Pütt, Eduard Kandl and Tresi Rudolph. 10.0—News.
10.30 p.m.-12.55 a.m. (Monday)—See Deutschlandsender.
BEROMÜNSTER (Switzerland)
 556 kc/s (539.6 m.); 100 kW. Relayed by Basle and Berne, 1,375 kc/s (218.2 m.).
10.0 a.m.-12.30 p.m.—Programme from Berne. 10.0—Roman Catholic Service. 10.45—Concert. 11.20—Talk: Music Education. 11.40—Classical Music. 12.0 noon—Humorous Songs. 12.30 p.m.—News.
12.40—Zürich Radio Orchestra, Conductor: Bernhard.
1.30-3.45—Programme from Berne. 1.30—Talk: Gardening in Autumn. 1.50—Trombone Recital.

SUNDAY (September 26)

BRNO (Czechoslovakia)

922 kc/s (325.4 m.); 32 kW.
6.45-9.45 a.m.—See Prague. 9.45—For Workers. 10.5-11.30—See Prague.
11.30—Report: Masaryk Club Motor Racing. 12.0 noon-12.20 p.m.—See Prague. 12.20 — Report: Masaryk Club Motor Racing. In the intervals, Records. 1.50—For Farmers. 2.5—For Farmers (German). 2.30—Report: Masaryk Club Motor Racing. In the interval, Records. 4.0-5.0 — To be announced. 5.0—See Prague.
5.35—German Transmission. 6.50-10.30—See Prague.

BRUSSELS (No. 1) (Belgium)

620 kc/s (483.9 m.); 15 kW.
6.0-6.10 a.m.—Homing-Pigeon Notes. 6.37-9.0—Records; Gym; News. 9.0—For the Unemployed; Records; Announcements.
10.0—Felleman Orchestra. Les incroyables (Lecocq-Jean). Musical Jig-Saw (Aston-Ketélbey). Japanese Lullaby (Rust). The Fair at Funchal (Borchert). Petals (Charosin). Fascinata (Murzilli). Grandioso (Kálmán). Wienerblut (Strauss). My Yiddische Momme (Ellen-Ager-Engelen). En marge du temps (Rolland).
11.0—Espagne (Cinema Organ) from Liège. Overture, "Orpheus in the Underworld" (Offenbach). Orientale (Cui). The Parade of the Tin Soldiers (Jessel). Tango argentin (Villodo). Une fête au Tyrol (Espagne).
11.30—Records: Dances.
12.0 noon—Massenet Concert by the Radio Orchestra. Conductor: Gason.

Overture, "Phèdre." Excerpts, "Thérèse," "Les Erynnies." Gavotte and Minuet from "Manon." Excerpts, "Don César de Bazan." Scènes pittoresques; at 12.30 p.m.—Weather; Shipping.

1.0—News. 1.10—Records: English and American Music.
1.30—Salon Orchestra. Conductor: Féron. Tango (Bixio). Adieu, beau rêve (Curtis). Mattinata (Leoncavallo). Loin du bal (Gillet). Extase (Ganne). Mai (Hahn). Sonny Boy (Jolson). The Two Guitars.
2.0-2.15—Art Notes; Records: Eine kleine Nachtmusik (Mozart).
2.30—Loiseau Orchestra. 3.0—Jehan Froissart Sixth Centenary. Report of the Historical Procession from Valenciennes. 3.45—Records: Symphony in G (Haydn). 4.0—Parodists with Mmes. Ceylan, Ferrières, MM. Josz, Berger, Hardy, and Dorian.
5.0—Ignace Blochman, (Pfte.) and Maurice De Groote (Bass). Introduction, larghetto and fugue (Vivaldi). Four Hebrew Folk Songs (Darius Milhaud). Sonata in A (Schubert). Song Cycle, Don Quichotte à Dulcinée (Ravel). In the interval, Football Report.
5.45—Records (Brahms, Mendelssohn). 6.0—For Youth. 7.0—Religious Address.
7.15—Scharrès (Pfte.). Etude de concert (Simar). Polka (Gilson). Valse caprice (Scharrès).
7.30—News. 8.0—Records: Quartet in C minor (Brahms).
8.30—See Paris (Eiffel Tower). In the interval: Topical. 10.0 (approx.)—News. 10.30 — Musical Trip through Provence.
11.0-12.0 m't.—Brenders Dance Band.

BRUSSELS (No. 2) (Belgium)

932 kc/s (321.9 m.); 15 kW.
 Programme in Flemish.
6.37-9.5—Records; Gym; News. 9.5—Records. 9.45—Vaes (Cinema Organ), from the Roxy, Antwerp.
10.30—Van Schoeland (Schubert and Schumann Songs). 10.45—Records: Violin Sonata in C (Mozart).
11.0—Opsomer Songs by van Schoeland. Hamerlied. Dien Zondag in den Mei. Van't begijntje. Een puitenvontuur. Vlaanderen.
11.15—Felleman Orchestra.
12.0 noon—Salon Orchestra. 12.30 p.m.—Weather. 12.31—Records. 1.0—News. 1.10—Light Music by Sylvain Hamy and Georges Martin (Pftes.). 1.40-2.0—Records. 2.15—Records.
3.0—Suzanne van de Walle (Pfte.). Waltz (Saint-Saëns). Etude (Lypunov). Etude (Liszt). Etude (Stravinsky).
3.30—Loiseau Orchestra.
4.15—Borgerhoutsch Male Voice Choir. Alleluia, "Drama Christi" (Benoit). Prayer (van Hof). Le chant des matelots (Radoux). Het was een clerckxen, on a Psalm of Clemens non Papa. Triptych (Lassus). De deerne (Kloos). Two Old Songs (arr. Mortelmans). Magnificat (Mommer).
5.0—Concert from the Palace Hotel; at 5.30—Sports. 6.0—Van Langendonck (Recitations).
6.15—Stravinsky Records. "Les noces," by Kate Winter, Linda Seymour, Parry Jones, Roy Henderson, Choir and Orchestra. Conductor: The Composer. Fireworks.
6.45—Address by Canon van Kerckhove. 7.0—Records. 7.30—Film Review.
8.0—Concert. Radio Orchestra. Conductor: Gason. Alice Plato (Songs),

Bethume (Violin), etc. Overture, "The Thieving Magpie" (Rossini). Invitation to the Dance (Weber). Violin: Meditation, "Thais" (Massenet). Le rouet d'Omphale (Saint-Saëns). Arias: (a) "Samson and Delilah" (Saint-Saëns), (b) "Werther" (Massenet). Bourrée fantasque (Chabrier).
8.45—"French Flanders"—Sequence. **9.0**—Concert (contd.). Entr'acte and Ballet Music, "Rosamunde" (Schubert). Norwegian Rhapsody (Svendesen). Symphonic Variations for 'Cello and Orchestra (Boëllmann). Lullaby, "Gens de la mer" (Gilson). Recitative and Aria, "Sadko" (Rimsky-Korsakov). Gigue for Flute and Pfte. (Hüe). Ballet, "Hérodiade" (Massenet).
10.0—News. 10.10—Brenders Dance Band.
11.0-12.0 m't.—Records: Fifth Symphony (Tchaikovsky).

BUCHAREST (Romania)

823 kc/s (364.5 m.); 12 kW. Relay by Radio-Romania (Brasov), 160 kc/s (1,875 m.).
6.30-7.30 a.m.—To be announced. 8.55—Religious Programme. 12.0 noon—Announcements. 12.10 p.m.—Light Music by the Victor Predescu Orchestra; at 1.10—News. 2.0—For Peasants. 6.0—Time; Weather. 6.2 — Technical Letter-box. 6.12 — Military Band. 7.10—Educational. 7.30—Corologos Jazz Band. 8.30—"The Chocolate Soldier" (O. Straus). In the intervals, News and Sports Notes.

BUDAPEST (No. 1) (Hungary)

546 kc/s (549.5 m.); 120 kW.
9.30 a.m.—News. 10.0—High Mass. 11.15—Protestant Service. 12.20 p.m.—Weather.

The ALL-METAL WAY 1938



If you were unable to attend the Radio Exhibition and to secure your copy of the latest edition of "The All-Metal Way," fill in the attached coupon, enclosing 3d. in stamps, and post it NOW.

You probably already know the value of this publication—the standard handbook on metal rectification, but may we draw your attention to the new types of Westinghouse Metal Rectifiers together with the reduced prices?

COUPON

Westinghouse Brake & Signal Co. Ltd.,
 82, York Road, King's Cross, London, N.1.

Please send me a copy of "The All-Metal Way, 1938," for which I enclose 3d. in stamps.

Name.....

Address.....

W.R.

ALL-WAVE RECEPTION WITHOUT AERIAL OR EARTH IN ANY ROOM —ON THE INSTANT!



REGENTONE UNIVERSAL MAINS PORTABLE

(5-valve 3 wave Superheterodyne)

REQUIRES NO EXTERNAL AERIAL OR EARTH

There is no necessity to have your radio anchored to one position in the house. The REGENTONE can be taken from room to room as required, connected to the nearest electric point, switched on, then a powerful five valve superhet circuit is at your service providing world-wide reception.

It is a utility set with two self-contained aeriels—it has an amazing performance—especially on Short Waves—yet measures overall but 11" x 12".

THE RECEIVER WITH IMMEDIATE APPEAL

Study the Specification! Look at the Price!

SPECIAL FEATURES

- 5-valve 8 stage superheterodyne.
- 3 wavebands 16-2,000 metres.
- Automatic Volume Control.
- Variable Tone Control.
- A.C. or D.C. 100-250 volts.
- Size 11 x 12 x 8 inches.
- Illuminated Dial.
- Two separate self-contained aeriels.
- Universal Mains Plug.
- Carrying handle.
- 6½-inch Moving Coil Speaker—2 watts output.
- B.V.A. Valves.

Please send literature describing the Regentone Mains Portable.

REGENTONE PRODUCTS LTD.,

WORTON ROAD,
 ISLEWORTH, MDDX.

Name.....

Address.....

12.30—Opera Orchestra. Conductor: Rajter. Overture (Bizet). Suite, "The Snow Maiden" (Rimsky-Korsakov). Värmland Rhapsody (Atterberg). Die Wahrsagerin (Volkman). Soliman (Volkmann). Symphony in D (Haydn); at 1.15—Foreign Affairs. 2.0—Records. 3.0—For Farmers.

3.30—Station Band. Conductor: Bertha. Fairy Tales (Poldini). Am Ufer des Nil (Platen). Polka (Mailath). Hungarian Fantasia (Szekely-Bertha).

4.30—Ballads.

5.0—Gyula Asboth (Tarogato) with the Bura Cigány Band. 6.0—Reading.

6.30—Homeros Choir. 7.0—Report from Beszkarth Sports Ground: The International Athletics Championships. 7.50—"May Music" (Imre Farkas). 9.50 (approx.)—News. 10.20—Vecsey Jazz Band.

11.5—Military Band. Conductor: Figedy. Overture, "Fra Diavolo" (Auber). Wedding of the Winds (Hall). Hungarian Fantasia (Dezsöfy). Old Hungarian Songs and Dances (Figedy). March Potpourri (Recktenwald).

12.5 a.m. (Monday)—News.

BUDAPEST (No. 2) (Hungary)
359.5 kc/s (834.5 m.); 18 kW.

3.0 p.m.—Records. 4.35—Orchestra. 6.35—Talk. 7.0—Frau Horváth (Pfte.). 8.0—News. 8.25—Cigány Band.

COLOGNE (Germany)
658 kc/s (455.9 m.); 100 kW.

6.0 a.m.—See Hamburg. 8.0—Weather; Water Level. 8.5—A Story. 8.20—Transylvanian Choir. 8.50—Hagedstedt Orchestra. 10.0—For Hitler Youth. Address by Theo Schulte (Recorded). 10.30—Records: Classical and Opera Music. 11.15—Poems. 11.30—See Leipzig.

12.0 noon—See Berlin; at 1.0 p.m.—Greetings. 2.0—Rolf Pfarr (Baritone), Reinhard Fritzsche (Flute), and Steinkrüger (Pfte.). 2.30—Hints and Talks for Everyone. 3.15—"Farewell to Summer"—Songs by the Station Ensemble.

4.0—Station Orchestra, Conductor: Eysoldt; Band, Conductor: Funk; Station Schrammel Ensemble.

6.0—Schumann Songs. Werner Drosihn (Bass-Baritone). Grape (Pfte.). Wanderlied. Sonntags am Rhein. Auf einer Burg. Intermezzo for Pfte. Auf dem Rhein. Wanderung. Im Walde. Der frohe Wandersmann.

6.30—"The Werewolf"—Play after Hermann Löns (Ernst Löns), Music by Girmatis. 7.40—Sunday Review.

8.0—Rhineland Folk Music from the Exhibition, "The Farmer and the Four Years Plan." Band, Conductor: Rudolf Schulz-Dornburg, two hundred Peasant Youth, etc.

10.0—Time; News.

10.30 p.m.-12.0 m't.—See Deutschlandsender.

DANZIG (Danzig Free City)
1,303 kc/s (230.2 m.); 0.5 kW.

Danzig Day.

6.0 a.m.—Greetings; Wind Band from Stegen. 8.15—Motto. 8.25—Hitler Youth Choir. 8.45—Report from Trutenau. 9.0—Service from Weichselmünde Church. 9.45—German Folk Music (Recorded). 10.30—Report: A Visit to a Fisherman. 10.45—Weather.

11.0—"Mer hab'n ne neue Oberkeet"—Cantata (Bach). Orchestra, Conductor: Killipke. Max Begemann (Baritone). Irene Tonn (Soprano). 11.35—Reading (Halbe) by Max Bernhardt. 12.0 noon—Band from Löblau. Conductor: Bukolt.

2.0 p.m.—Variety. 3.0—"Card Games"—Sequence (Sperling). 3.20—"A Game of Skat in the Village Inn"—Sequence (Post). 3.40—Choir from Zoppot. Conductor: Hinz. 4.10—Concert from Platenhof. Orchestra. Conductor: Kallipke. Willy Liebe (Trumpet). 6.0—"The Vistula"—Literary and Musical Sequence. 6.40—Songs by Danzig Composers by Wilhelm Winterberg (Baritone). 7.0—Dancing at the Village Inn. Wind Band. Willy Liebe (Cornet), etc. 10.20—Reunion of Holders of the Prussian Gold Military Cross in Danzig.



The Jehan Froissart Memorial at Valenciennes. At 3 p.m. Brussels No. 1 is to broadcast scenes from the historical pageant held in the streets of Valenciennes in connexion with the great historian's sixth centenary celebrations

DEUTSCHLANDSENDER (Germany)

191 kc/s (1,571 m.); 60 kW.

6.0 a.m.—See Hamburg. 8.0—Weather; Records. 8.20—At the "Rote Ochse," Sassenfeld. 9.0—Fröhlich Band, Franz Wolf (Baritone) and Kurt Hosemann (Cello). 10.0—Address. 10.45—Verdi Records. 11.15—Weather. 11.30—Hans Osterloh (Wurlitzer Organ) from the Kristall-Palast, Berlin.

12.0 noon—See Munich. 1.0 p.m.—Report from Copenhagen: The Opening of the Storstrom Bridge (Recorded).

1.15—Music from Munich. 2.0—The Birds' Wedding—Play for Children (Hugin). 2.30—Hungarian Folk Music (Recorded). 3.0—Variety Records.

4.0—See Königsberg. 5.30—Sudetic-German Music (Recorded). 6.0—Melody and Rhythm. Krüger and Wolff Bands. 7.30—Sports.

8.0—"In Praise of Wine"—Radio Fantasy (Kuhnert). Station Orchestra, Conductor: Melichar. Station Chamber Choir, and Records.

10.0—News; Announcements. 10.30 p.m.-12.55 a.m. (Monday)—Wolff Dance Band. Records of Hans Osterloh (Wurlitzer Organ); at 10.45—Weather.

FRANKFURT (Germany)

1,195 kc/s (251 m.); 25 kW. Relayed by Cassel, Coblenz, Freiburg, and Trier, 1,195 kc/s (251 m.).

6.0 a.m.—See Hamburg. 8.0—Water Level; Weather. 8.10—Gym. 8.30—For Peasants. 8.45—Johanna Jost-Rahnstadt (Pfte.).

9.0—See Leipzig. 9.30—Service from St. Kastor. 10.15—Talk: Faith. 10.30—Choir, Conductor: Fitz.

11.15—Donaueschingen Music Festival, 1937—Modern Chamber Music by the Freiburg String Quartet from the Festhalle, Donaueschingen. Three Movements (Geierhaas).

Quartet in G (Maler). Flute Trio (Philipp).

12.0 noon—See Berlin; at 1.0-1.15 p.m.—Report: The Opening of the New Storstrom Bridge (Recorded). 2.0—"The New Carpet"—Play for Children (Frey). 2.30—Records: Dance Music and Light Music. 3.15 (from Freiburg)—Heinrich Hansjakob Commemoration—Humorous Folk Stories and Music.

4.0—Concert from Bad Nauheim. Bad Nauheim Orchestra. Conductor: Nauc. Luise Frank (Harp). Willi Kretzer (Flute). Overture, "Lodoiska" (Cherubini). Largo and Serenade (Haydn).



The Jehan Froissart Memorial at Valenciennes. At 3 p.m. Brussels No. 1 is to broadcast scenes from the historical pageant held in the streets of Valenciennes in connexion with the great historian's sixth centenary celebrations

DEUTSCHLANDSENDER (Germany)

Sonata for Flute and Harp (Krump-holz). Ballet, "Les petits riens" (Mozart). Three Dances, "Nell Gwynn" (German). Two Pieces (Macbeth). Selection, "Boccaccio" (Suppé). Waltz, Gold and Silver (Lehár). Intermezzo from "The Arabian Nights" (Strauss). Overture, "Venus auf Erden" (Lincke).

6.0—"Lansquenets"—Literary and Musical Programme.

7.0—Light Classical Music. Station Orchestra, Conductor: Hauck. Fritz Kullmann (Pfte.). 7.45—Sports.

8.0—Station Choir and Orchestra, Conductor: Frickhoeffer. Anton Knoll (Tenor). Otto Müller (Baritone). Overture, "The Bartered Bride" (Smetana). Introduction to Act I, "Der Freischütz" (Weber). Reigen der Gnomen und Sylphen (Raff). Aria, "Hans Sachs" (Lortzing). Ländliches Fest (Raff). Hymn and Triumphal March from "Aida" (Verdi). Intermezzo, "Manon Lescaut" (Puccini). Entry of the Guests into the Wartburg from "Tannhäuser" (Wagner). Suite, Aus meiner Heimat (Roland). Chorus, "The Merry Wives of Windsor" (Nicolai). Waltz, Hofballtänze (Lanner). Tarantella (Millöcker). Introduction, Act I, "Light Cavalry" (Suppé). Radetzky March (Strauss). Chorus, "The Gipsy Baron" (Strauss). Russian Dances from "Tatjana" (Lehár). Polonaise in G (Tchaikovsky).

10.0—News. 10.15—Sports. 10.30—See Deutschlandsender.

12.0 m't.-1.0 a.m. (Monday)—"Djamileh" (Bizet) (Recorded). Berlin Station Choir and Orchestra, Conductor: Rosbaud. Cast: Adele Kern, Peter Anders, Erik Wirl and Paul Rehkopf.

HAMBURG (Germany)

904 kc/s (331.9 m.); 100 kW. Relayed by Bremen, Flensburg, Hanover, Magdeburg, and Stettin, 1,330 kc/s (225.6 m.).

6.0 a.m.—Harbour Concert. 8.0—

SUNDAY (September 26)

News. 8.15—Talk. 8.25 (from Stettin)—Stettin Concert Orchestra, Conductor: Quast; at 8.35-8.45—Gym. 10.0—Announcements. 10.15—Service from the University Church, Kiel.

11.0—Rachmaninoff Music by Richard Beckmann (Pfte.). Prelude. Polichinelle. Elegie. Waltz. Melodies. Humoresque. 11.30—A Visit to the Lüneburg Saline Baths and Salt Works.

12.0 noon—See Berlin; at 12.55 p.m.—Weather. 2.0—For Children. 3.0—Records: Operetta Music. 3.45—Report: The Opening of the New Storstrom Bridge (Recorded).

4.0—Light Classical Music from Saarbrücken. 6.0—"Bangemaken gelt nich!"—Dialect Comedy (Winkel).

6.45—Bands from Deutschlandsender. 7.30—Sports; Weather.

8.0—"La Rondine" (Puccini). Station Choir and Orchestra. Conductor: Secker. Cast: Ilse Koegel, Gertrud Schnitzer, Otto Stadelmaier, Benno Arnold, Johannes Draht, Herbert Taubert, Karl Schulz, Gustav Hauff, etc. 10.0—News.

10.30 p.m.-12.0 m't.—See Deutschlandsender.

HILVERSUM (1,875 m.) (Holland)

160 kc/s; 10 kW until 5.40 p.m.; 150 kW from 5.40 p.m.

8.35-9.40 a.m.—VARA Programme. 8.35—Records; News; Talk. 9.10—Records; Talk.

9.40-11.40—VPRO Programme. 9.40—For Children. 10.10—Service.

11.40 a.m.-4.40 p.m.—AVRO Programme. 11.40—Time. 11.41—Cor Schrijver (Organ) from Oostburg.

11.50—Talk: The Cinema. 12.15 p.m.—Light Music. Kovacs Lajos Orchestra. Henny van Ommen (Songs).

12.55—Gipsy Life (Palla) by the Composer (Organ). 1.10—Light Music. Kovacs Lajos Orchestra. Nina Dolce (Violin). Henny van Ommen (Songs). 1.40—Weekly Book Talk.

2.10—AVRO Orchestra. Conductor: van Raalte. 3.25—AVRO Dance Band, Conductor: Mossel. 3.55—Male Voice Choir. 4.25—Records; Sports.

4.40-7.40—VARA Programme. 4.40—Jong Leven Girls' Choir, Conductor: Gijn. 5.10—For Children. 5.40—VARA Orchestra. Conductor: de Groot. 6.10—Talk; News. 6.30—Orchestra (contd.). 6.40—The Lucky Birds, Conductor: Vogel, etc.

7.40 till Close—AVRO Programme. 7.40—Time; News. 7.55—AVRO Orchestra, Conductor: van Raalte. Andries Roodenburg (Violin). 8.55—Topical. 9.10—Harp Quartet. 9.55—Radio Magazine. 10.40—News. 10.50—AVRO Dance Band. Conductor: Mossel. 11.20-11.40—Records.

11.50—Records; News; Talk. 9.10—Records; Talk.

9.40-11.40—VPRO Programme. 9.40—For Children. 10.10—Service.

11.40 a.m.-4.40 p.m.—AVRO Programme. 11.40—Time. 11.41—Cor Schrijver (Organ) from Oostburg.

11.50—Talk: The Cinema. 12.15 p.m.—Light Music. Kovacs Lajos Orchestra. Henny van Ommen (Songs).

12.55—Gipsy Life (Palla) by the Composer (Organ). 1.10—Light Music. Kovacs Lajos Orchestra. Nina Dolce (Violin). Henny van Ommen (Songs). 1.40—Weekly Book Talk.

2.10—AVRO Orchestra. Conductor: van Raalte. 3.25—AVRO Dance Band, Conductor: Mossel. 3.55—Male Voice Choir. 4.25—Records; Sports.

4.40-7.40—VARA Programme. 4.40—Jong Leven Girls' Choir, Conductor: Gijn. 5.10—For Children. 5.40—VARA Orchestra. Conductor: de Groot. 6.10—Talk; News. 6.30—Orchestra (contd.). 6.40—The Lucky Birds, Conductor: Vogel, etc.

7.40 till Close—AVRO Programme. 7.40—Time; News. 7.55—AVRO Orchestra, Conductor: van Raalte. Andries Roodenburg (Violin). 8.55—Topical. 9.10—Harp Quartet. 9.55—Radio Magazine. 10.40—News. 10.50—AVRO Dance Band. Conductor: Mossel. 11.20-11.40—Records.

HILVERSUM (301.5 m.) (Holland)

995 kc/s; 15 kW until 5.40 p.m.; 60 kW from 5.40 p.m.

8.10-9.10 a.m.—KRO Religious Programme. 9.10-11.55—NCRV Programme. 9.10—v. Westering, Jr. (Organ). 9.40—Service; Choir and Organ.

11.55 a.m.-4.40 p.m.—KRO Programme. 11.55—KRO Orchestra. Conductor: Reinards; at 12.40 p.m.—Talk. 1.40—Religious Instruction. 2.10—Festival Programme of the "St. Jozefgezellenvereniging," Rotterdam. 4.10—For Invalids. 4.35—Sports. 4.45-7.25—NCRV Programme. 4.45—Choir. Conductor: Pul. Wegerif (Organ). 5.40—Records: Sacred Music. 6.0—Service. 7.25-10.40—KRO Programme. 7.25

SUNDAY (September 26)

—Sports; Talk. 7.50—News; Records. 8.10—To be announced. 9.10—Records; Dialogue. 9.25—Maestricht Municipal Orchestra. Conductor: Hermans. 10.10—News. 10.20-10.40—Epilogue.

KALUNDBORG (Denmark)

240 kc/s (1,250 m.); 60 kW. Relays Copenhagen, 1,176 kc/s (255.1 m.).
8.0 a.m.—Gym. 8.35—Weather. 8.45—French Talk: Le paysage français dans la littérature. 9.0—German Talk: Deutsche und dänische Liebenswürdigkeit. 9.15—English Talk: Nutshells of British Literature. 9.30—For Gardeners. 10.0—Service from Horne Church. 11.10—Weather.
11.25 a.m.-12.45 p.m.—Opening of the Storstrom Bridge. 1.0—News. 2.0—Records. 2.30—The Schools Athletics Meeting in the Sports Park, Copenhagen—Reports (Recorded).
3.0—Radio Orchestra. Conductor: Grøndahl. Overture, "Hamlet" (Gade). Neu-Wien (Strauss). Selection, "The Merry Widow" (Lehár). Excerpts, "Struensee" (Meyerbeer). American Fantasia (Herbert). Overture, "I Capuletti ed i Montecchi" (Bellini). Andante for Six Violins and Pfte. (Szent-Galy). Viennese Waltz (Benatzky). Selection, "Lulu" (Kuhlau). Minuet for Strings (Simonetti). Polonaise (Glazunov). Slav Dance in D (Dvořák); at 3.50—Reading (Ellen Silkeborg).
5.0—Service from Christiansborg Castle Church. 6.20—Lecture-Recital: Weyse. 6.50—Weather. 7.0—News. 7.30—Excerpts from the Storstrom Bridge Festivities. 8.0—"The Hansens"—Sketch (Locher).
8.15—Radio Orchestra. Conductor: Tuxen. Louis Preil (Violin). Overture, "William Tell" (Rossini). The Moldau (Smetana). Movements, Spanish Symphony (Lalo). 1812 Overture (Tchaikovsky).
9.20—Songs to Hans Andersen Text, by Ella Heiberg. Det gamle Trae. Det døende Barn (Henriques). Hist, hvor Vejen slaar en Bugt (Gebauer). Hvor Skoven dog er frisk og stor (Polenz).
9.35—Bach Music by Almdal (Pfte.). Suite in A. Fugue in E minor. Inventions in A minor and B flat. Duet in E minor. Prelude and Fugue in D. 9.55—News; Weather.
10.10—Songs to Text of Mogens Lorentzen by Ella Heiberg.
10.25—Commentary on the Festival at Nykøbing, Falster—Dancing in the Market Square. 11.5—Talk in Italian: The Storstrom Bridge.
11.20 p.m.-12.30 a.m. (Monday)—Johansen Dance Band; at 12.0 m't.—Chimes.
KÖNIGSBERG (Heilsberg)
 (Germany)
 1,031 kc/s (291 m.); 100 kW.
6.0 a.m.—See Hamburg. 8.0—Records: Opera and Light Classical Music. 9.10—Roman Catholic Service. 10.0—See Cologne. 10.30—Sonata in A flat (Weber) by Hans Riebenschalm (Pfte.). 11.0—Weather; Programme Announcements. 11.15—Goethe—Sequence (Rukschcio), with Eggert (Baritone) and Arnst Rudolph (Pfte.).
12.0 noon—See Berlin. 2.0 p.m.—Chess. 2.30—Variety.
3.15—"Birthdays"—Sequence (Peters).
4.0—Light Orchestral, Conductor: Wilcken; at 4.5-4.25—Report: The von der Goltz Point to Point Steeplechases at Trakhenen.
6.0—Talk. 6.15—Peter Arco and

Records. 7.10—Comrade, where are you?—Programme for Ex-Servicemen. 7.40—Sports. 8.0—An Evening in Schönbrunn. Station Orchestra, Conductor: Kaestner. 10.0—News. 10.20—Labour Front Day in Angerburg. 10.40 p.m.-12.0 m't.—Light Music and Dance Music. Station Orchestra, Conductor: Wilcken.

LEIPZIG (Germany)

785 kc/s (382.2 m.); 120 kW. Relayed by Dresden, 1,285 kc/s (233.5 m.).
6.0 a.m.—See Hamburg. 8.0—Sonata in D minor (Hoyer) by Karl Kohlmeyer (Organ). 8.30—Records: Classical Music. 9.0—Programme for Hitler Youth from Weimar. Address by Walter Darré. 9.30—Records: Classical Music. 10.0—Opening of Thuringian Art Week in Weimar. 11.0—Music. 11.10—Ottomar Enking Programme. 11.30—"Nun danket alle Gott"—Cantata (Bach). St. Thomas' Choir and Gewandhaus Orchestra, Conductor: Straube.
12.0 noon—See Berlin. 2.0 p.m.—Weather. 2.5—Records: Old and New Waltzes. 3.0—"Autumn"—Fairy Play (Ilse Obrieg). 3.30—Music. 3.40—Talk: Africa.
4.0—Variety Concert from Tharandt. Putsche Band, Dresden French Horn Quartet. Saxophone, Songs, etc.
6.0—Music from Serenades and Suites. Station Orchestra, Conductor: Blumer. Erich List (Flute). Emil Luh (Violin). Richard Jauch (Viola). Blumer (Pfte.). Allegro maestoso (Mozart). Two Minuets from the Serenade in D (Brahms). Divertimento (Tchaikovsky). Waltz from Serenade No. 2 (Volkmann). Reigen (Kretzschmer). Serenade (Reger). Dance (Sibelius). Serenade (Dvořák). Czardas from Ritter Pasmann (Joh. Strauss). Serenade (Blumer). Naples from the Suite, Aus Italien (Kaun). Ballet, "Petite Suite" (Debussy).
7.0—An Old German Song Book—Concert by the Leipzig Students' Madrigal Society. Conductor: Rabenschlag (Hofhaimer, Heinrich Finck, Othmayr, Senfl, Isaac). 7.30—Report: The von der Goltz Point-to-Point Steeplechases (Recorded); Sports.
8.0—Musical Pictures of Old Vienna (arr. Eisele). Leipzig Symphony Orchestra. Conductor Eisele, Station Choir, Dietrich Schrammel Quartet, Rosl Seegers (Soprano), Treffner (Tenor), Simlinger (Viennese Songs), Kollmaneck (Zither).
10.0—News; Sports.
10.30-12.0 m't.—See Deutschlandsender.
LILLE (Radio PTT Nord) (France)
 1,213 kc/s (247.3 m.); 60 kW. Transmits at intervals from 6.50 a.m. 8.30 p.m. (also Toulouse (PTT) and Limoges (PTT))—From the Opéra-Comique; After the Programme, News.
MONTE CENERI (Switzerland)
 1,167 kc/s (257.1 m.); 15 kW.
11.30 a.m.—Announcements; Bible Reading. 11.55—Records.
12.5 p.m.—Orchestra, Conductor: Herschel. 12.30—News. 12.40—Orchestra (contd.). 1.0-1.30—Records.
6.0—"Contrasts"—Orchestra, Conductor: Herschel. Danza settecentesca (Longo). Blues (Pierné). En bateau (Debussy). Troika (Tchaikovsky). Waltz for Trombone (Joost). Polka for Flute (Popp). Un poco triste (Suk). Valse joyeuse (Prozavnik).
6.30—For Children. 6.45—Records. 7.0—Sports. 7.20—Records. 7.45—News.

7.55—Contemporary Music. Nino Herschel (Pfte.), Luciano Italiani (Flute) and Rodolfo Leuzinger (Bassoon). Partita for Bassoon and Pfte. (Godard). Suite for Flute and Pfte. (Moser).
8.30—"Papà Eccellenza"—Play in Three Acts (Rovetta). 9.55—Sports.

MUNICH (Germany)

740 kc/s (405.4 m.); 100 kW. Relayed by Nürnberg, 1,267 kc/s (236.8 m.).
6.0-8.0 a.m.—See Hamburg. 8.0—Records. 8.55—Service. 9.30—Old and New Choral Music by the Berlin Academy of Music Choir. Conductor: Thomas. 10.0—Holiday Reflections by Paul Majunke-Lange, with the Stuhl-fauth Quartet. 10.30 (from Nürnberg)—Folk Music. Soprano, Zither, Accordion, Recorders, Vocal Quartet, etc.
12.0 noon—Military Band, Conductor: Kohmünch. 12.55 p.m.—Weather.
1.0—Light Orchestral. Conductor: Mihalovic. Saxophone Quintet.
3.0—See Leipzig. 3.30—Records. 3.45—Walking on the Sea Bed—Kuno Schweers at the Microphone. 4.0—Light Classical. from Saarbrücken.
6.0—"The Theft of the Mona Lisa"—Sequence (Scheffler). 6.40—"Lansquenets"—Sequence (Bauer) from Bayreuth (Recorded). Military Band. Conductor: Spagl. Military Chorus. Conductor: Lehner. Bauer (Baritone). Althaus (Speaker). 7.40—Sports. 7.45—Report: The Daglfing Festival.
8.0—"Francesca da Rimini" (Goetz). Station Orchestra and Choir. Conductor: Winter. Cast: Fiedler, Martha



Exclusive "World-Radio" Picture
 Mme. Gilberte Legrand, one of the principals in the play which will be broadcast from Paris (PTT) at 2.30 p.m.

Martensen, Capellmann, Anders, Gertrud Weyl and Fischer.
10.0—Time; News; Sports.
10.30-12.0 m't.—See Deutschlandsender.

OSLO (Norway)

260 kc/s (1,153.8 m.); 60 kW. Relayed by Fredrikstad, 722 kc/s (415.4 m.); Hamar, 519 kc/s (578 m.); Notodden, 1,357 kc/s (221.1 m.); Porsgründ, 850 kc/s (352.9 m.); Rjukan, 1,348 kc/s (222.6 m.); and Trøndelag, 629 kc/s (476.9 m.).
9.0 a.m.—News. 9.5—French Lesson. 9.30—German Lesson.
10.0—Records of the New York Philharmonic. Conductor: Toscanini. Symphony in D (Mozart). Air, "Orpheus" (Gluck).
10.25—Service. 12.45 p.m.—News.

1.0-1.45—Mme Gunvor Mjelva (Songs), Ingemann Fotland (Flute) and Sigvart Fotland (Pfte.). Flute: (a) Romance (Durand), (b) Waltz (Durand). Five Songs (Densmore). Pfte.: (a) Etude in A minor (Sibelius), (b) Arabesque (Sibelius), (c) Concert Etude in A (Backer-Grøndahl), (d) Humoresque (Rachmaninov). Flute: Introduction and Hungarian Caprice (Andersen). Two Songs (Benedict).

5.0—Norwegian Folk Music by Krogh (Songs) and Hagen (Hardanger Fiddle). 5.30—Reading (Ingeborg Refling Hagen).

5.35—Eric Coates Records. Suites, The Three Bears and London Again. 5.55—Talk. 6.15—Swedish Music and Reading. 6.40—Talk.

6.55—Records of Bronislaw Huberman (Violin). Hungarian Dance (Brahms-Joachim). Romanza Andaluza (Sarasate). La Capricieuse (Elgar). Mazurka (Zarycki).

7.10—News.
7.30—Time; Operetta Music by the Orchestra. Conductor: Kramm. Mme Elsa Munthe-Kass (Songs) and Andersen (Tenor). 8.30—For Children. 9.40—News. 10.15-11.0—Bergen Radio Orchestra.

PARIS (Eiffel Tower) (France)

1,456 kc/s (206 m.); 7 kW. Transmits at intervals from 7.30 a.m. 7.0 p.m.—"Le Loup"—Play in Three Acts (Raadi), Music by Lebon.
8.30-10.0—Concert by the Garde Républicaine Band. Overture, "The Magic Flute" (Mozart). Giration (Pierné). Feuillet de voyage (Fl. Schmitt). Concert champêtre (Poulenc). Le tombeau de Couperin (Ravel).

PARIS (Poste Parisien) (France)

959 kc/s (312.8 m.); 60 kW.
7.52 a.m.—Records. 8.2—News. 8.36—Variety Records. 9.1—News. 9.25—Records of Jeanne Aubert (Songs). 10.0—For Young People. 10.30—"Maisons de Danses"—Lecture-Recital by Paul Reboux. 11.0—Grieg Records. 11.15—Records. 11.45—Sports Report. 12.5 p.m.—Records for Children. 12.15—Soldiers in Music—Records. 12.30—Records. 12.45—Line Viala and Blareau Orchestra, presented by Bergerac. 1.0—Vocal Quintet with Raymond Souplex and Jane Sourza. 1.30—Records. 1.45—Music Talk by Roger Francois: Reynaldo Hahn. 2.0—Exchange. 3.0—Report of the Walking Marathon—Arrival at the Jean Bouin Stadium.
5.30—Records: Light Music. 7.0—News. 7.15—Records: Scènes pittoresques (Masseenet). 7.30—Records of Gino Bordin (Songs). 7.45—Talk: Tino Rossi. 7.55—"La table tournante" (Bergerac). 8.0—News. 8.10—Les Frères Jacasse. 8.15—Interlude.
8.45—"La bonne histoire." 9.0—News. 9.5—Amateurs' Programme. 9.55—News. 10.0—Dance Music. 10.30-11.30—Dance Records.

PARIS (PTT) (France)

695 kc/s (431.7 m.); 120 kW.
6.50 a.m.—Weather. 7.0—News. 7.30—Gym. 7.45—Talk. 8.0—News. 9.0—For Farmers. 9.15—Homing-pigeon Notes. 9.17—Sports. 9.30—Press Review. 9.45—For Young People. 10.0—Locatelli Orchestra. 10.30—Regor (Songs). 10.45—Locatelli Orchestra. 11.15—Lycette Guilbert (Songs). 11.30—Locatelli Orchestra. 12.0 noon—Dance Music and Light Music by the Derveaux Orchestra; at 12.45 p.m.—News. 2.0—Song Records of "La Chanterie de la Renaissance."

2.30—"Le mariage de Mademoiselle Beulemans"—Play (Ponson-Wicheler), with Mme Gilberte Legrand and Charles Mahieu.

4.30—Records: Russian Music. Kamarinskaya (Glinka), by the London Symphony Orchestra, Conductor: Albert Coates. Islamey (Balakirev) by the Orchestra, Conductor: Goossens. Russia (Balakirev) by the London Philharmonic, Conductor: Sir Hamilton Harty.

5.0—Causade Orchestra. Overture, "Les Dragons de Villars" (Mailart). Waltz, Nights of Gladness (Ancliffe). En Bretagne (Rhené-Baton). Bad as you are (Lisbola-Comor). Selection, "The Tsarevitch" (Lehár). Danse bohémienne (Debussy). Berceuse (Grechaninov). Vous et moi (Emer). Selection, "Three Waltzes" (O. Strauss). Suite villageoise (Granier). I dream of San Marino (Shields). Poème tzigane (Saselli). Waltz (Komzak). Two Italian Songs (Volpatti). Valse des fleurs (Tchaikovsky). Funiculi-Funicula (Denza).

6.30—Records. Symphony in D (Mozart). Minuet in G (Mozart) by Edwin Fischer (Pfte.). 7.0—News.

8.0—Variety by Les Frères Jacques. 8.30—France in Song—Programme presented by Gilles and Julien. 10.30—News.

10.45—Records. Part I. Barbirolli Orchestra. Marche militaire (Schubert). Ballet, "Rosamunde" (Schubert). Part II. Hungarian March in C minor (Schubert) by the Berlin Opera Orchestra, Conductor: Melichar.

PARIS (Radio-Paris) (France)

182 kc/s (1,648 m.); 80 kW. Time Signals at 7.15 a.m., 8.30 p.m. and 10.45 p.m.

6.50 a.m.—Records. 7.0—Gym. 7.15—Records. 7.30—News. 8.0—Song Records. 8.30—Records: National Dances. 9.0—Fairs in Music—Records. 9.30—Classical Records. 10.0—Records: Light Music. 11.30—Gaston Litaize (Organ). Two Chorals (Bach). Pièce héroïque (César Franck). Nativité (Langlais). Scherzo and Toccata (Litaize). 12.0 noon—Roman Catholic Address. 12.20 p.m.—Records: Sacred Music.

12.30—Visciano Orchestra. Jean Lorgès in his Repertoire. Overture, "Le Grand Mogol" (Audran). Ange d'amour (Waldteufel). Selection, "La Bohème" (Puccini). Jean Lorgès. Love is like a Cigarette (Branson). Quand tu parais j'oublie (Visciano). Soldier Songs (Gungl). Romanian March (Volpatti). En wagon (Rose). March, The Cadets (Souza).

1.15—Jean Sorbier (Tenor). 1.30—News.

1.45—Visciano Orchestra (contd.). Dolly, Dolly (Letson). The Caco Micha (Horley). Jean Lorgès. Das Regimentskind (Fucik).

2.0—A Sound Film. 2.10—For Young People. 3.0—Maryvall (Spanish Songs). 3.15—Francy Dance Band. 3.45—Simone Georges (Songs). 4.0—Dramatic Programme by "Le Rideau Gris" of Marseilles.

5.0—Andolfi Orchestra. Overture, "The Secret Marriage" (Cimarosa). Cavatina (Raff). Serenade, Napoli (d'Ambrosio). Selection, "Le roi s'amuse" (Delibes). Frühlings-träume (Strauss). Sinfonietta (Graener). Selection, "The Geisha" (Jones). Au val Joly (Gabriel Marie). Selection, "Loreley" (Catalani). Humoresque (Collins). Selection, "Madame Butterfly"

(Puccini). Pièce (Schutt). Gavotte, Rendez-vous (Aletter). Suite, Trianon (Lachaume). Fragon Pot-pourri (Salabert).

7.0—Radio-Paris Guignol by Bilboquet and Troupe: Je vais voir l'Exposition (Crozière).

7.30—Old Houses—Historical Sketches (Germaine Blondin): (a) Racine's House, 17 rue Visconti, (b) Balzac's House, 19 rue Visconti.

8.0—Political Review. 8.15—Yvonne Leduc (Songs).

8.30—Three Russian Plays (French trans., Roche): (a) "Sur la Grand' Route" (Chekhov), (b) "La provinciale" (Turgenev), (c) "L'anniversaire" (Chekhov); at 9.30—News. 10.30—Records. 10.35—A Sound Film. 10.45—News.

11.0 p.m.—1.0 a.m. (Monday)—Dance Music.

PRAGUE (Czechoslovakia)

638 kc/s (470.2 m.); 120 kW.

6.45 a.m.—News; Records. 7.50—Police Messages. 8.0—Talk: The 1938 Sokol Games. 8.5—Karlsbad Municipal Orchestra. 8.45—Meditation.

9.0—Mass of St. Wenceslas (Michna). Mixed Choir, FOC Orchestra, etc. Conductor: Nemeč. 9.45—For Workers. 10.5—Industrial News. 10.20—Concert from Moravska-Ostrava.

11.30—See Brno. 12.0 noon—Chimes; Record. 12.10 p.m.—Press Review. 12.20—See Brno. 1.50—For Farmers. 2.5—For Farmers (German). 2.20—For Workers (German). 2.30—See Brno. 4.0—Choirs and Orchestra from Usti-nad-Orlici. Conductor: Lahulek.

5.0—Muzik Salon Quartet.

5.35-6.50—German Transmission. 5.35—Talk; "1848"—play. 6.0—Programme from Litomerice. 6.50—News (German). 6.55—Record. 7.0—News.

7.5—Czech Philharmonic from the Smetana Concert Hall. Conductor: Rafael Kubelik. Dramatic Overture (Dvořák). Meditation (Suk). Taras Bulba (Janacek). Fifth Symphony (Dvořák). In the interval, Talk: Java.

9.55—Record. 10.0—News. 10.25—News (German).

RADIO-NORMANDIE (France)

1,113 kc/s (269.5 m.); 15 kW.

6.45 a.m.—Band. 7.0—Chansonnettes. 7.15—News. 7.45—Records. 8.0—Light Music. 8.15—Sacred Music. 8.30—Band. 8.45—Music. 9.30—Alfredo Campoli Orchestra. 9.45—Records. 10.15—Carson Robinson and his Pioneers. 10.30—Eddie Pola. 10.45—Light Music. 11.0—Records. 11.15—Music.

11.45—Programme by Artists of the Théâtre Français, Rouen. 12.25 p.m. Roman Catholic Programme. 12.45—News. 1.0—Concert. 2.0—Records. 2.30—Paris News. 2.45—Records. 3.0—Light Music. 3.30—Melodies. 3.45—Records. 4.0—Concert. 5.0—Records. 5.30—Hildegard. 5.45—Light Music. 6.0—Music-Hall Memories. 6.15—Alfredo Campoli Orchestra. 6.30—Jack Hylton's Band. 7.0—Records. 7.15—The Voice of the Stars. 7.30—News.

8.5—Concert. 9.30—Humour. 10.0—Exhibition News. 10.15—Records. 10.30—Light Music. 12.0 m't.—Midnight Melodies.

12.30-1.0 a.m. (Monday)—Dance Music.

ROME (Italy)

713 kc/s (420.8 m.); 50 kW. Relayed by Naples, 1,104 kc/s (271.7 m.); Bari (No. 1), 1,059 kc/s (283.3 m.); Bari (No. 2), Milan (No. 2) and Turin (No. 2), 1,357 kc/s (221.1 m.).

8.30-8.50 a.m.—News. 10.0—For Farmers. 11.0—Gregorian Mass from the Church of St. Francis, Assisi. 12.0 noon-12.15 p.m.—Reading and Explanation of the Gospel. 12.30—Sports.

12.40-2.15—See Turin. 2.20-3.0—News; Concert. 4.45—Sports.

5.0—See Turin. 7.0—Announcements. 7.45—Sports; Light Music. 8.10—News. 8.30—Talk.

9.0—"Acqua sul fuoco"—One-Act Comedy (Morselli).



Bizet, whose opera "Djamileh" forms the midnight broadcast from Frankfurt-Stuttgart

9.40 (approx.)—Light Music. Conductor: Manno. Overture, "The Bartered Bride" (Smetana). Strimpellata (Wolf-Ferrari). Bourrée (Snoer). Scherzo (Brunetti). La pendola armoniosa (Pick-Mangiagalli). Melody (Ranzato). Bozzetto satiresco (Luzzaschi). Persian Dance (Mussorgsky). Sicilian Rhapsody (Manno). Two Hungarian Dances (Brahms). Talk in the interval.

10.40 (approx.)-11.50—Dance Music; at 11.0—News.

SOTTENS (Switzerland)

677 kc/s (443.1 m.); 100 kW. Relayed by Geneva, 401 kc/s (748 m.).

9.55 a.m.-12.30 p.m.—Programme from Geneva. 9.55—Chimes. 10.0—Protestant Service from St. Gervais' Church, Geneva. 11.15—Records. 12.30 p.m.—News. 12.40-2.0 (from Geneva)—Records.

6.0-7.50—From Geneva. 6.0—Protestant Address.

6.30—Sonata (Honegger) by Millioud (Viola) and Sougné (Pfte.). 7.0—Film Review. 7.50—News.

8.0 till Close Down—Programme from Geneva. 8.0—Sports.

8.20—Geneva Station Ensemble. 9.30—Fridolin and Partner.

9.40-10.20—Versey Dance Band from the Palais d'Hiver.

STOCKHOLM (Sweden)

704 kc/s (426.1 m.); 55 kW. Relayed by Motala, 216 kc/s (1,389 m.); Göteborg, 941 kc/s (318.8 m.); Hörby, 1,131 kc/s (265.3 m.); and Boden, 392 kc/s (765 m.).

9.0 a.m.—For Farmers. 9.30—Reading of a Talk by Mr. T. W. Price, Warden of Holybrook House: State Education in Great Britain. 10.0—Service from Lund Cathedral.

11.40—Records: "Das Lied von der Erde" (Mahler) by Kerstin Thorborg

SUNDAY (September 26)

(Contralto), Kullmann (Tenor) and the Vienna Philharmonic. Conductor: Bruno Walter. 12.40 p.m.—News. 12.55—Time.

1.0—Lulea Orchestra. Conductor: Oldermark. Swedberg (Violin). Overture, "Tancred" (Rossini). Andante from the Violin Concerto in G (de Beriot). Swedish Suite (Wesslander). Pastorale and Alla marcia (Eriksson). Bellman Rhapsody (Westberg). 1.50—Reading.

2.20 (from Göteborg) Chamber Music for Woodwind. Quintet in B flat (Schmid). Quartet in E flat (Stamitz).

3.0—For Children. 3.30—Talk.

4.0—Swedish and Norwegian Music by Forsell (Songs), Oluf Nielsen (Violin). 4.30—English Lesson. 5.5—Records. 6.0—Methodist Service. 7.15—News.

7.30—Jan Smeternin (Pfte.). Fantasia (Schumann). Two Pieces, "Goyescas" (Granados). Paraphrase, "The Blue Danube" (Strauss-Schulz-Elver).

8.10—Play. 9.45—News.

10.0-11.0—Radio Orchestra. Isa Quensel (Songs). Hungarian Comedy Overture (Kéler-Béla). Waltz Intermezzo, On seeing Vienna again (Chorinsky-Hardegg). Songs (Gronya, Novello). Suppé Potpourri (Michaelov). Song from "Mother o' Pearl" (Oscar Strauss). Songs (Bols, Hajos). Viennese Operetta Potpourri (Robrecht).

STRASBOURG (France)

859 kc/s (349.2 m.); 100 kW. Transmits at intervals from 6.50 a.m. 12.0 noon—See Paris (PTT). 12.45 p.m.—News.

1.15—Vintage Festival (in Dialect) from Sigolsheim. The "Harmonie Musicale," Conductor: Muckensturm; Mixed Choir, Conductor: Bally. In the interval, Visit to Wine Vaults, etc.

3.0—Violette Andréossi—(Soprano). -Andrée Vidal (Pfte.). Charles Bistesi (Violin). Sonata (Mozart). Aria from "The Magic Flute" (Mozart). Songs (Schumann). Impromptu for Pfte. (Schubert). Sonata in A (Fauré). Serenade (Gounod). Berceuse (Ropartz). Ma poupée chérie (de Séverac). La cloche (Saint-Saëns).

4.30—Records: French Music.

5.0—See Paris (PTT). 6.30—Medical Talk. 6.45—Records. 7.0—News.

7.35—For Farmers. 8.5—News (German). 8.15—News.

8.30—"Wer wurd Maire" or "Drissig Jhr später"—Dialect Comedy in Three Acts (Weber-Stoskopf), from the Alsatian Theatre. 10.30—News. 10.55—News (German).

11.0—Dance Music.

STUTT GART (Germany)

574 kc/s (522.6 m.); 100 kW.

6.0 a.m.—See Hamburg. 8.0—Water Level; Weather; Gym. 8.30—Protestant Service.

9.0—See Deutschlandsender.

10.0—See Cologne. 10.30—Records: Opera and Light Music.

11.30—Swabian Music. Emma Mayer (Contralto) and Bruno Müller (Bari-tone).

12.0 noon—See Berlin; at 1.0 p.m.—Topical.

2.0—See Frankfurt. 2.30—Records: Light Music. 3.30—Hohe Murg Choir from Baden-Baden. Choirmaster: Moritz.

4.0—Station Orchestras, Conductors: Görlich and Bara. Kaul Jautz (Tenor). Stuttgart Folk Music Ensemble, with Hans Hanus and Eduard Pöltner.

SUNDAY (September 26)

6.0—Schwäbisch Hall—Ninth Century—Sequence (Struve). 7.0—Records: Beautiful Voices.

7.30—Report: The International Light Athletics from the Adolf-Hitler Stadium; Sports.

8.0—Dance Music and Light Music. Station Orchestra, Conductor: Bara. The Radio Love Birds.

9.15—"Die deutsche Tanne"—Cantata (Koch). Wilhelm Strienz (Bass). Station Choir and Orchestra, Conductor: Zimmermann.

10.0—Time; News. 10.20—Report: The von der Goltz Point to Point Steeplechases at Trakehnen.

10.30—See Deutschlandsender.

12.0 m't.—1.0 a.m.—See Frankfurt.

TOULOUSE (Radio-Toulouse)

(France)

913 kc/s (328.6 m.); 60 kW.

11.40 a.m.—Orchestra. 11.45—Roman Catholic Address; Pie Jésus (Fauré). 12.0 noon—News.

12.30 p.m.—Operetta Music.

12.40—Light Music. 1.15—Excerpts, "Au Soleil de Marseille" (Sellers). 1.45—Orchestra. 1.55—News. 2.0—Protestant Address.

6.0—Marches. 6.5—Dance Music.

6.40—Opera Arias.

6.55—News; Sports. 7.15—Orchestra. 7.45—Film Music. 8.0—Jazz Band. 8.30—Light Music. 9.15—Les Nuits—Fantasy. 9.35—Tango Band.

10.0—News. 10.15—Musette Band. 10.30—Excerpts, "Aida" (Verdi). 10.45—Orchestra. 11.0—Chansonnettes. 11.15—Marches. 11.35—Light Music. 11.50—News.

11.50—News.

TURIN (No. 1) (Italy)

1,140 kc/s (263.2 m.); 7 kW. Relayed by Milan (No. 1), 814 kc/s

(368.6 m.); Genoa and Trieste, 1,140 kc/s (263.2 m.); Florence, 610 kc/s (491.8 m.); Bolzano, 536 kc/s (559.7 m.); and Rome (No. 3), 1,258 kc/s (238.5 m.).

8.30-8.50 a.m.—News. 10.0—For Farmers.

11.0—See Rome. 12.0 noon-12.15 p.m.—Reading and Explanation of the Gospel. 12.30—Sports. 12.40—Records. 1.0—News. 1.15—Cetra Orchestra. 1.45-2.15—Records. 4.45—Sports.

5.0—"Wonder Bar" (Katscher-Farkas-Herczeg), from the Radio Exhibition, Milan. Conductor: Petralia. Sports in the interval. 7.0 (approx.)—Announcements. 7.45—Sports; Light Music. 8.10—News.

8.30—See Rome.

9.0—Operas: (a) "Primavera fiorentina" (Pedrollo). Cast: Emilio Ghirardini, Blando Giusti, Bruno Sbalchieri, Andrea Havas, Piero Pauli, Emelica Vera, Ednea Limberti, Dina Fiumana, Angela Rositani, Maria Meloni, Nino Mazziotti, Enzo Aita, Tito Gobbi. (b) "Notturmo romantico" (Pick-Mangiagalli); Conductor: Votto. Chorus Master: Costantini. Cast: Piero Pauli, Pia Tassinari, Maria Benedetti, Saturno Meletti, Romano Rasponi. In the interval, News (German). 11.0 (approx.)—News; Dance Music. 11.55—Weather.

VIENNA (Austria)

592 kc/s (506.8 m.); 100 kW. Relayed by Graz and Linz, 886 kc/s (338.6 m.); Innsbruck, 519 kc/s (578 m.); Klagenfurt and Vorarlberg, 1,294 kc/s (231.8 m.); and Salzburg, 1,348 kc/s (222.6 m.).

7.45 a.m.—Chimes; Gerda Pompe (Organ). 8.5—Motto; News. 8.10—Gym. 8.30—Hints. 8.45—Records.

9.45—Service from St. Stephen's Cathedral. 11.0—For Farmers. 11.40—Announcements.

11.45—Brahms Concert. Vienna Symphony Orchestra. Conductor: Nilius. Hauser (Pfte.).

1.0 p.m.—Station Orchestra, etc. Conductor: Holzer.

2.20—Programme Preview. 3.0—News. 3.15—Books.

3.40—String Quartet in E minor (Frank Bridge) by the Weiss Quartet. 4.10—Talk. 4.35—Folk Programme.

5.15—The Earth viewed from the Moon. 5.35—Reading.

6.0—"Pearls of Vienna" (Steinberg-Frank); Music arranged by Sieberth. The Sieberth Orchestra, Sophie Karst and Köhler (Songs). 7.0—Time; Sports. 7.10—Reading.

7.35—Maria Tauber (Soprano). 8.5—Orchestral Dances by the Station Orchestra and Band. Conductors: Schönherr and Sandauer. 9.35—Records of the Previous Week. 10.10—News.

10.30—Station Band. Sandauer (Pfte.). Overture, "Wiener Frauen" (Lehár). Frühlingsstimmen (Strauss). Song (Rieder). Marching Song (Mayer). Jazz Theme with Variations (Graf). Servus Wien (Dostal). Der Wein ist halt mein Schutzpatron (de la Cerda). Marching Song (Frobauer). Rhapsody in Blue (Gershwin); at 10.55—News.

10.30—Station Band. Sandauer (Pfte.). Overture, "Wiener Frauen" (Lehár). Frühlingsstimmen (Strauss). Song (Rieder). Marching Song (Mayer). Jazz Theme with Variations (Graf). Servus Wien (Dostal). Der Wein ist halt mein Schutzpatron (de la Cerda). Marching Song (Frobauer). Rhapsody in Blue (Gershwin); at 10.55—News.

10.30—Station Band. Sandauer (Pfte.). Overture, "Wiener Frauen" (Lehár). Frühlingsstimmen (Strauss). Song (Rieder). Marching Song (Mayer). Jazz Theme with Variations (Graf). Servus Wien (Dostal). Der Wein ist halt mein Schutzpatron (de la Cerda). Marching Song (Frobauer). Rhapsody in Blue (Gershwin); at 10.55—News.

10.30—Station Band. Sandauer (Pfte.). Overture, "Wiener Frauen" (Lehár). Frühlingsstimmen (Strauss). Song (Rieder). Marching Song (Mayer). Jazz Theme with Variations (Graf). Servus Wien (Dostal). Der Wein ist halt mein Schutzpatron (de la Cerda). Marching Song (Frobauer). Rhapsody in Blue (Gershwin); at 10.55—News.

10.30—Station Band. Sandauer (Pfte.). Overture, "Wiener Frauen" (Lehár). Frühlingsstimmen (Strauss). Song (Rieder). Marching Song (Mayer). Jazz Theme with Variations (Graf). Servus Wien (Dostal). Der Wein ist halt mein Schutzpatron (de la Cerda). Marching Song (Frobauer). Rhapsody in Blue (Gershwin); at 10.55—News.

10.30—Station Band. Sandauer (Pfte.). Overture, "Wiener Frauen" (Lehár). Frühlingsstimmen (Strauss). Song (Rieder). Marching Song (Mayer). Jazz Theme with Variations (Graf). Servus Wien (Dostal). Der Wein ist halt mein Schutzpatron (de la Cerda). Marching Song (Frobauer). Rhapsody in Blue (Gershwin); at 10.55—News.

10.30—Station Band. Sandauer (Pfte.). Overture, "Wiener Frauen" (Lehár). Frühlingsstimmen (Strauss). Song (Rieder). Marching Song (Mayer). Jazz Theme with Variations (Graf). Servus Wien (Dostal). Der Wein ist halt mein Schutzpatron (de la Cerda). Marching Song (Frobauer). Rhapsody in Blue (Gershwin); at 10.55—News.

10.30—Station Band. Sandauer (Pfte.). Overture, "Wiener Frauen" (Lehár). Frühlingsstimmen (Strauss). Song (Rieder). Marching Song (Mayer). Jazz Theme with Variations (Graf). Servus Wien (Dostal). Der Wein ist halt mein Schutzpatron (de la Cerda). Marching Song (Frobauer). Rhapsody in Blue (Gershwin); at 10.55—News.

—Railway Workers' Day: Addresses; Procession. 11.0—Marches and Waltzes. 11.57—Fanfare.

12.3 p.m.—Wilno Station Orchestra from the Radio Exhibition, Wilno. Conductor: Szczepanski. Katz ('Cello). Symphonic Poem, Vyschrad (Smetana). Slovak Suite (Novak). 'Cello Concerto in A minor (Saint-Saëns). Overture, "The Mastersingers" (Wagner).

1.0—Cultural Review.

1.10—Torun-Warsaw Exchange Programme. Wind Band from Torun and Station Vocal Quartet from Warsaw. March (Zakrzewski). Overture (Moniuszko). Krakowiak (Zelenski). Folk Songs. Mountain Melodies (Karas). Folk Songs. Couiavienne (Lada). Polkas and Obereks (Janiszewski). Mazurka, "The Haunted Castle" (Moniuszko).

2.40—For Children. 3.0—For Farmers. 4.0—Village Band and Choir. 4.30—Records: Modern French Music.

5.0—"Le voyageur et l'amour"—Play (Paul Morand), trans. Serkowska. 5.38—Report. 6.0—Station Orchestra, Singers, etc., from the Hotel Bristol. Conductor: Górzynski; at 6.55—Reading. 8.0—Records of the Lener Quartet and the Squire Celeste Octet. 8.35—Programme Notes. 8.40—Politics. 8.50—News. 9.0 (from Lwów)—Variety. 9.30—To be announced. 9.40—Sports.

10.0—Frenkel (Violin). Concerto in B flat (Vivaldi). Three Mazurkas (Fitelberg). Pieces (Suk): (a) Un poco triste, (b) Burlesque.

10.30—Bender (Bass). Come raggio di sol (Caldara). Aria, "I promessi sposi" (Ponchielli). The Field Marshal (Mussorgsky). Les cimes des montagnes (Liszt).

10.50-11.0—News.

For "Atmospheric Effect"
results you must use

Ericsson

**SUPER SENSITIVE
TELEPHONES**

If you hope to obtain the very finest and most interesting results from your investigations on the "Atmospheric Effect" you must have Ericsson Super Sensitive Telephones hooked up to your set. Wonderfully sensitive, they will give you astonishing and maximum results. Very comfortable in wear. Wonderfully sensitive and very pure in tone, they have come to be regarded as standard for the keen short-wave enthusiast.

Three Resistances—one price: 120, 2,000 and 4,000 ohms.

15/-

At all good radio dealers. If you have any difficulty in procuring, write direct to:

ERICSSON TELEPHONES, LTD., 67-73, Kingsway, London, W.C.2, Eng.

Telephones: 3271'3 Holborn.



Sept. 27 MONDAY

4 p.m.

DEUTSCHLANDSENDER, COLOGNE, LEIPZIG, Light Orchestra.
FRANKFURT, Military Band.
HILVERSUM (1,875 m.), 4.45—Organ.
KALUNDBORG, Preil's Ensemble. 4.50—Wireless Notes.
KÖNIGSBERG, Light Orchestra.
MUNICH, Trout Quintet (Schubert) (Recorded). 4.40—Books.
PARIS (PTT), Organ. 4.30—Reading. 4.45—Records.
STRASBOURG, Symphony Concert (Liszt, Wagner, Vidal). 4.50—Exchange. **STUTTGART**, Orchestra, Dance Band.

5 p.m.

BERLIN, 5.30—In Praise of Gardens—Sequence with Music. **BEROMÜNSTER** and **SOTTENS**, Pfte. Quintet in E (Schumann). 5.45—Weber Records. **BRUSSELS (1)**, Light Orchestra, Songs. **BRUSSELS (2)**, Radio Orchestra, Songs. 5.45—For Children.
DEUTSCHLANDSENDER, COLOGNE, LEIPZIG, Reading. 5.10—Light Orchestra.
FRANKFURT, Military Band.
HILVERSUM (1,875 m.), Organ. 5.10—Records. 5.40—The Lucky Birds.
KALUNDBORG, 5.25—Weather; Markets. 5.50—Mozart Records.
KÖNIGSBERG, Light Orchestra.
LILLE, 5.45—Orchestra (Weber, Dvořák).
MUNICH, Records, Talks.
PARIS (PTT), Talks and Records. **POSTE PARISIEN**, 5.5—Dance Music. **PRAGUE**, Pfte. Sonata in A (Mozart). 5.25—For Children. 5.40—Records; Talk.
RADIO - PARIS, Derveaux Orchestra.
STOCKHOLM, 5.30—Light Orchestra. **STRASBOURG**, Talk (German). 5.15—Records. 5.30—Colonial Review (German). 5.45—See Lille. **STUTTGART**, Orchestra, Dance Band.
VIENNA, 5.40—Soprano. 5.55—Pfte. Sonata in A minor (Schubert).
WARSAW, Pfte., Songs. 5.50—Talk.

6 p.m.

ATHLONE, 6.15—Richard Strauss Records. 6.35—News.
BERLIN, Records, **BEROMÜNSTER**, For Children. 6.30—Dialect Talk. **BRESLAU**, Soprano. 6.20—Wine in Word and Song. 6.50—Markets. **BRUSSELS (1)**, Talk. 6.15—French Opera Music. **BRUSSELS (2)**, For Children. 6.30—Records. **BUDAPEST (1)**, 6.15—Jazz Band. 6.55—Japanese Stories.
COLOGNE, Feathered Songsters. 6.15—Chamber Music (Stamitz, Dittersdorf).
DEUTSCHLANDSENDER, Music for Children—Soprano, Pfte. 6.25—Records. 6.45—Record.
FRANKFURT, Topical.
HAMBURG, Theme and Variations (Jentsch). 6.40—Reading. **HILVERSUM** (1,875 m.), The Lucky Birds. 6.10—Music Talk and Records. 6.50—Talk.
KALUNDBORG, Cabaret Songs. 6.15—Talk. 6.35—English. **KÖNIGSBERG**, Talk. 6.15—Songs.
LEIPZIG, Talk. 6.20—Music. 6.40—Books. **LILLE**, Orchestra (contd.). 6.30—Songs. 6.45—English Talk.
MUNICH, Records, Talks. 6.30—Markets. 6.45—Talk.
OSLO, 6.25—Leslie Russell (Pfte.). 6.50—News.
PARIS (PTT), Hungarian Folk Songs. 6.15—Pfte. 6.30—Schönberg Records. 6.45—Talk.
POSTE PARISIEN, News. 6.35—Poems. 6.50—Records.
PRAGUE, Markets. 6.10—German Transmission. 6.45—News (German). 6.55—Record.
RADIO-PARIS, Talks. 6.55—Paul Reboux.
SOTTENS, Talks. 6.30—Records.
STOCKHOLM, Light Orchestra. 6.30—French. **STRASBOURG**, See Lille. 6.30—Concert. **STUTTGART**, Topical.
VIENNA, Pfte. Sonata (contd.). 6.10—Anecdotes. 6.35—Review. 6.45—Topical. 6.55—For Youth.
WARSAW, Letters; Notes. 6.15—Records. 6.50—Topical.

7 p.m.

ATHLONE, Songs at the Pfte. 7.20—Talk. 7.35—Orchestra. Pfte.
BERLIN, Echoes. 7.15—Quartet in C (Dvořák). **BEROMÜNSTER**, From the Rhine to the Rhone—Records. 7.20—Science. 7.45—News. **BRESLAU**, Variety. **BRUSSELS (1)**, Pfte. 7.15—Records. 7.25—Talk. 7.30—News. 7.55—Talk. **BRUSSELS (2)**, Orchestra, Violin. 7.30—Theatre; Sports. **BUCHAREST** and **RADIO-ROMANIA**, Orchestra. 7.25—Talk. 7.45—Song Records. **BUDAPEST (1)**, Japanese Stories. 7.25—Pfte.
COLOGNE, Italian Opera Records. 7.45—Films.
HAMBURG, Schubert Songs; Poems and Prose. 7.50—Topical. **HILVERSUM** (1,875 m.), Talk. 7.10—Pfte. 7.40—News. 7.50—VARA Orchestra. **HILVERSUM (301.5 m.)**, Report. 7.40—News. 7.50—Arnhem Orchestra.
KALUNDBORG, News. 7.30—Address. **KÖNIGSBERG**, Notes. 7.10—Records. 7.45—Topical.
LEIPZIG, "Tannhäuser" (Wag-

ner) from the Théâtre de la Monnaie. 8.54—Talk. **BRUSSELS (2)**, I.N.R. Symphony Orchestra, Yvonne van den Bergh (Pfte.). 8.45—Records. **BUCHAREST** and **RADIO-ROMANIA**, Song Records. 8.20—Literature. 8.30—Pfte. Trio (Brahms). **BUDAPEST (1)**, Talk. 8.30—Guitar Ensemble.
COLOGNE, News. 8.10—Weekly Review.
DEUTSCHLANDSENDER, News. 8.10—"Orlog ohne Ende"—Play, with Music (Rehberg-Steinkopf).
EIFFEL TOWER, See Paris (PTT). 8.30—See Lyons (PTT).
FRANKFURT, News. 8.10—Light Orchestra.
HAMBURG, News. 8.10—"Der Jäger aus Kurpfalz"—Songs, Poems, and Anecdotes. **HILVERSUM** (1,875 m.), VARA Orchestra. 8.40—Poems. **HILVERSUM (301.5 m.)**, Arnhem Orchestra; at 8.40—Talk.
KALUNDBORG, Musical Pictures of Vienna. **KÖNIGSBERG**, News. 8.10—Dance Music.
LEIPZIG, News. 8.10—"Tannhäuser" (contd.). **LILLE**,

PRINCIPAL EVENTS

SYMPHONY CONCERTS

8.20 Regional: Promenade—Wagner.
 9.0 Berlin: Haydn, Mozart.
 9.0 Rome: Conductor, Rito Salvaggi.
LIGHT CONCERTS
 12.0 Radio-Paris: Porée Orchestra.
 12.10 Hilversum (1,875 m.): VARA Orch.
 2.50 Kalundborg: Louis Preil's Ensemble.
 4.0 Deutschlandsender: Dobrindt Orch.
 6.15 Brussels 1: French opera music.
 7.0 Breslau: Variety concert.
 7.25 Vienna: "Slav Impressions."
 7.35 Athlone: Orchestra, pfte.
 7.50 Hilversum (301.5 m.): Arnhem Orch.
 8.0 Brussels 2: Symphony Orchestra.
 8.0 Kalundborg: "Congress Dances."
 8.0 Stockholm: Popular programme.
 8.30 Radio-Paris: Orch., instr., one-act comic opera.
 9.45 Bucharest: Restaurant orchestra.
 10.0 National: Anita Oberländer (soprano).
 10.15 Swiss stations: For Swiss abroad.
 10.30 Cologne, etc.: Light and dance music.
 11.5 Budapest 1: Cigány Band.

OPERAS

7.0 Leipzig: "Tannhäuser" (records).
 8.0 Brussels 1: "The Pearl Fishers."
 8.10 Stuttgart: "Rigoletto" (Verdi).

ner) (Dresden State Opera Recordings). **LILLE**, News. 7.35—Talk. 7.50—Records.
MUNICH, Joyous Rhythm—Dance Band and Orchestra; Humorous Patter.
OSLO, News. 7.30—Cello.
PARIS (PTT), News; Topical.
POSTE PARISIEN, News. 7.10—Records. 7.45—Light Music. **PRAGUE**, News. 7.10—Wireless Notes. 7.15—Czech Opera Music.

RADIO-NORMANDIE, Operetta Music. 7.50—News. **RADIO-PARIS**, 7.3—Pfte., Songs, 'Cello. **ROME**, Sports; Talk (French); Music. 7.53—News (Foreign Languages).
SOTTENS, Talk. 7.15—Interlude. 7.25—Micro-Magazine. 7.50—News. **STOCKHOLM**, Saxophone. 7.15—News. 7.30—Report. **STRASBOURG**, Topical. 7.35—Notes. 7.50—News.
STUTTGART, **DEUTSCHLANDSENDER**, **FRANKFURT**, Orchestra, Chamber Quartet, French Horn Quartet.
TURIN, Light Music. 7.40—News (Foreign Languages).
VIENNA, News; Topical. 7.25—Slav Impressions—Station Orchestra, Violin. (Dvořák, Novak, Tchaikovsky, etc.).
WARSAW, Talk. 7.40—Sports.

8 p.m.

ATHLONE, Orchestra, Pfte. 8.30—Talk. 8.45—Plays: (a) "Atsumari"—Japanese Play (Seami). (b) "The Proposal" (Chekhov).
BERLIN, News. 8.10—See Munich. **BEROMÜNSTER**, Report. **BRESLAU**, News. 8.10—Variety. **BRUSSELS (1)**, "The Pearl Fishers" (Bizet),

8.30 Lyons (PTT), etc.: "Samson and Delilah" (Saint-Saëns).

RECITALS

4.0 Paris (PTT): Organ.
 7.0 Hamburg: Schubert songs.
 10.30 Turin: Organ.

PLAYS

2.0 Radio-Paris: Grand Guignol play.
 8.30 Paris (PTT): "Vulcain" (Bernanose).
 8.45 Athlone: Two plays.

TALK

6.45 Lille (PTT), Rennes: In English.

LAST NEWS BULLETINS (subject to slight alterations)

7.45 Beromünster; 9.40, Oslo; 9.45, Stockholm; 10.0, Brussels, German stations, Prague; 10.10, Vienna; 10.30, Athlone, Paris (PTT); 10.45, Bucharest, Radio-Paris; 10.50, Warsaw; 11.0, Italian stations; 12.5, Budapest 1.

DANCE MUSIC

8.0 Warsaw; 8.10, Königsberg; 10.0, Budapest 1; 10.10, Brussels 2; 10.20, Vienna; 10.25, Regional; 10.30, Deutschlandsender, Poste Parisien; 11.0, National; 11.15, Turin; 11.30, Rome.

MISCELLANEOUS

8.25 Oslo: Cabaret.

HAMBURG, Saarbrücken Orchestra and Four Merry Musicians. **HILVERSUM** (1,875 m.), Light Music; at 9.40—News. **HILVERSUM (301.5 m.)**, Arnhem Orchestra; at 9.40—News.
KALUNDBORG, Musical Pictures (contd.). 9.10—Talk with Readings: Holberg's Comedies. **KÖNIGSBERG**, Dance Music.
LEIPZIG, "Tannhäuser" (contd.). **LIMOGES** and **LILLE**, Orchestra, 'Cello. **LYONS (PTT)** and **EIFFEL TOWER**, "Samson and Delilah" (contd.).
MONTE CENERI, To be announced. **MUNICH**, Songs, Instrumental. 9.40—Reading.
OSLO, Cabaret (contd.). 9.10—Foreign Affairs. 9.40—News.
PARIS (PTT), Play (contd.). **POSTE PARISIEN**, News. 9.10—Max Regnier. 9.40—Italian Music. 9.55—News. **PRAGUE**, Play (contd.). 9.15—Concert.
RADIO - NORMANDIE, Light Music. **RADIO-PARIS**, Concert (contd.); at 9.30—Press Review. **ROME**, Symphony Concert.
SOTTENS, Play (contd.). 9.40—League of Nations Report. **STOCKHOLM**, Orchestra (contd.). 9.15—Talk. 9.45—News. **STRASBOURG**, Military Band. 9.30—Concert, Part I: Songs, Viola d'amore. Part II: "The Thunder Clap" (Paganetti). **STUTTGART**, "Rigoletto" (contd.).
TOULOUSE (PTT), "Les Brigands" (contd.). **TOULOUSE (Radio-Toulouse)**, Light Music. 9.15—Fantasy. 9.30—Jazz. **TURIN**, "Societa in accompanita"—Play (Roma).
VIENNA, Singpiel (contd.). 9.20—Reading. 9.40—Hungarian Songs.
WARSAW, "Les nymphes auprès du lac de Goplo" (Kurpinski).

9 p.m.

ATHLONE, Plays (contd.). 9.30—Variety.
BERLIN, Haydn and Mozart Concert (Recorded). **BEROMÜNSTER**, "Sechs Mann und ein Tod." **BRESLAU**, Variety. 9.10—News. 9.15—With Gun and Microphone through Silesia's Game Preserves. **BRUSSELS (1)**, Talk. 9.9—"The Pearl Fishers" (contd.); at 9.41—Talks. **BRUSSELS (2)**, Symphony Orchestra (contd.). **BUCHAREST** and **RADIO-ROMANIA**, Trio (contd.). 9.10—Songs. 9.30—News. 9.45—Restaurant Orchestra. **BUDAPEST (1)**, Guitar Ensemble. 9.35—News.
COLOGNE, Violin, Pfte.
DEUTSCHLANDSENDER, Topical. 9.15—Light Music.
FRANKFURT, Light Orchestra. 9.15—Orchestra (Gluck, Reger).

10 p.m.

ATHLONE, Variety. 10.30—News. **BERLIN**, News. 10.30—See Deutschlandsender. **BEROMÜNSTER** and **MONTE CENERI**, Review for Swiss Nationals Abroad. 10.15—See Sottens. **BRESLAU**, News. 10.15—Interlude. 10.30—See Cologne. **BRUSSELS (1)**, "The Pearl Fishers" (contd.). 10.25—News. 10.35—Records. **BRUSSELS (2)**, News. 10.10—Dance Band. **BUCHAREST** and **RADIO-ROMANIA**, Restaurant Orchestra. 10.45—News (French, German, Romanian). **BUDAPEST (1)**, Dance Records.
COLOGNE, News. 10.15—Talk. 10.30—Light and Dance Music.
DEUTSCHLANDSENDER, News. 10.15—Talk. 10.30—Dance and Light Music.
FRANKFURT, News. 10.30—See Cologne.
HAMBURG, News. 10.30—See Cologne. **HILVERSUM** (1,875 m.), Light Music. 10.40—Records. **HILVERSUM (301.5 m.)**, Arnhem Orchestra. 10.10—Records; Gym. 10.40—Records.
KALUNDBORG, News. 10.15—Radio Orchestra. **KÖNIGSBERG**, News. 10.20—Reading. 10.35—Music from Cologne.
LEIPZIG, 10.5—News. 10.30—See Cologne. **LILLE**, See Limoges. 10.30—News; Records. **LIMOGES**, Orchestra, 'Cello. 10.30—See Paris (PTT).
LYONS (PTT) and **EIFFEL TOWER**, "Samson and Delilah" (contd.).
MUNICH, News. 10.20—Interlude. 10.30—See Cologne.
OSLO, Talk. 10.15—Operetta Airs. **PARIS (PTT)**, Play (contd.). 10.30—News. 10.45—Mozart Records. **POSTE PARISIEN**, News. 10.10—"Point de vue"—Thriller (Diamant-Berger). 10.30—Dance Records. **PRAGUE**, News. 10.15—German. 10.40—News (German).
RADIO - NORMANDIE, Light Music. **RADIO-PARIS**, Concert (contd.). 10.30—Records. 10.45—News. **ROME**, Concert (contd.). 10.15—Variety. 10.45—Dance Music.
SOTTENS, See Beromünster. 10.15—Swiss Legends—Radio Fantasy. **STOCKHOLM**, Records (contd.). 10.30—Topical. 10.55—News (German). **STUTTGART**, "Rigoletto" (contd.). 10.15—News. 10.30—See Cologne.
TOULOUSE (PTT), "Les Brigands" (contd.). 10.30—News. **TOULOUSE (Radio - Toulouse)**, News. 10.15—Light Music. **TURIN**, Play (contd.). 10.30—Organ.
VIENNA, Hungarian Songs. 10.10—News. 10.20—Dance Band. 10.45—Books; News.
WARSAW, "Les nymphes auprès du lac de Goplo" (contd.). 10.50—News.

11 p.m.

BUDAPEST (1), News (German). 11.5—Cigány Band. Songs.
COLOGNE and **MOST GERMAN STATIONS**, Light and Dance Music.
DEUTSCHLANDSENDER, and **BERLIN**, Dance and Light Music.
HILVERSUM (1,875 m.), Records. **HILVERSUM (301.5 m.)**, Records; Reading.
KALUNDBORG, Orchestra (contd.).
RADIO - NORMANDIE, Café Concert. 11.45—News. **ROME**, News. 11.15—News (English). 11.30—Dance Music.
SOTTENS and **SWISS STATIONS**, Swiss Legends (contd.).
TOULOUSE (PTT), Dance Records. **TOULOUSE (Radio - Toulouse)**, Light Music. 11.50—News. **TURIN**, News. 11.15—Dance Music.
VIENNA, Dance Band.

12 midnight

BUDAPEST (1), 12.5—News.
RADIO - NORMANDIE, Midnight Melodies. 12.30—Dance Music.
STUTTGART and **FRANKFURT**, Serenade.

MONDAY (September 27)

NATIONAL

Time Signals (normally): Big Ben, 10.15 a.m., 5.15 p.m., 12 midnight. Greenwich, 10.30 a.m., 2.0, 6.0, 9.45, 11.30 p.m.
 10.15 a.m. (D)—Service.
 10.30 (D)—Weather Forecast.
 10.45 (D)—Cinema Organ.
 11.15 (D)—Records.
 11.30 (D)—For Schools.
 11.45 (D)—Records.
 12.00 noon (D)—Church History.
 12.25 p.m. (D)—Orchestra.
 1.0 (D)—Jugglers and Juggling.
 1.15 (D)—Harold Rhodes (Organ).
 2.0 (D)—For Schools.
 3.0 (D)—Geiger and his Orchestra.
 3.35 (D)—For Schools.
 4.0 (D)—Light Music.
 4.30 (D)—Records.
 5.0—Gershom Parkinson Quintet.
 5.40—Carmen del Rio (Soprano).
 6.0—The First News.
 6.20—Songs of British Seamen.
 6.40—BBC Military Band: Michael Collins ("Cello").
 7.30—Records. 8.0—Music talk.
 8.20—"The King who didn't matter," by Gordon-Crier.
 9.0—Jack Payne with his Band.
 9.40—The Third News.
 10.0—BBC Orchestra (Section C), conducted by Clarence Raybould: Anita Oberlander (Soprano).
 11.0—Grosvenor House Dance Band.
 11.30-12.0—Dance Records.

REGIONAL

Time Signals (normally): Big Ben, 10.15 a.m., 5.15 p.m., 12 midnight. Greenwich, 10.30 a.m., 2.0, 7.30, 11.30 p.m.
 10.15-10.45 a.m. (ex. Western)—National.
 10.45 (ex. Western, Scottish)—BBC Northern Orchestra: Fred McIntyre (Baritone).
 10.45 (Western, Scottish)—National.
 11.45 (ex. Western, Scottish)—Troise and his Mandoliers.
 12.30 p.m. (ex. Western, Scottish)—Ballad Concert.
 1.0 (ex. Western, Scottish)—Dance Records.
 1.45 (ex. Western, Scottish)—Frank Rea and his Orchestra.
 2.0 (Scottish)—For Schools.
 2.30 (ex. Western, Scottish)—Edward Mitchell (Pfte.).
 3.0 (ex. Western, Scottish; Welsh 3.25)—Orchestra.
 3.0 (Welsh)—For Schools in Wales.
 4.0 (ex. Western, Scottish)—Pauline Juler (Clarinet); Howard Ferguson (Pfte.).
 4.0 (Western, Scottish)—National.
 4.30 (ex. Western, Scottish)—Cinema Organ.
 5.0 (ex. Western)—Children's Hour.
 5.0 (Western)—National.
 6.0 (ex. Western, N. Ireland)—Reginald King's Orchestra.
 6.0 (N. Ireland)—Quintet.
 6.40 (Regional, N. Ireland)—Margot Hinnenberg Lefebre (Soprano); Eileen Ralph (Pfte.).
 6.40 (Midland)—Cinema Organ.
 6.40 (Northern)—"Anatomy of Music."
 6.40 (Welsh)—Dance Band.
 6.40 (Scottish)—Reading.
 6.50 (Scottish)—Scottish Dances.
 7.5 (Midland)—Talk.
 7.20 (ex. Western)—Regional Announcements.
 7.30 (ex. Western)—Second News.
 8.0 (ex. Midland, Northern, Western)—Ord Hamilton (Pfte.).
 8.0 (Midland)—Records.
 8.0 (Northern)—Brass Quartet.
 8.0 (Western)—Ballad Concert.
 8.20 (ex. Welsh)—Promenade Concert: Wagner—May Blyth, Mahry Dawes (Sopranos); Walter Widdop (Tenor); Harold Williams (Baritone); BBC Symphony Orchestra, conducted by Sir Henry J. Wood.
 8.20 (Welsh)—Langley Allsop (Mezzo-Soprano); Henryd Jones (Bass); Broughton and District Choral Society.
 9.10 (Welsh)—Welsh talk.
 9.25 (ex. Midland, Northern, Western)—"Good Correspondents."
 9.25 (Midland, Western)—Talks.
 9.25 (Northern)—Hymn Recital.
 9.40 (ex. Northern, Western, Scottish)—BBC Theatre Organ.
 9.40 (Western)—Band: Raymond Hatherall (Tenor).
 9.40 (Scottish)—St. Mary's College, St. Andrews.
 10.0 (Northern)—"After Dinner."
 10.10 (ex. Northern, Western, Scottish)—Short Story.
 10.20 (Scottish)—Sports News.
 10.25 (ex. Western)—Grosvenor House Dance Band.
 11.30 (ex. Western)—News Summary. 11.40-12.0—Records.

Hours of Transmission in British Summer Time.

ATHLONE (Ireland)

565 kc/s (531 m.); 100 kW. Dublin, etc. See Sunday.
 1.30-2.30 p.m.—Records. 2.30-3.0—For Schools. 5.30—Variety Concert for Children, composed by Kathleen Roddy. 6.0—Talk for the Home, Everyday Ailments—No. 3, by a Lady Doctor. 6.15—The Tone Poems of Strauss—No. 5 (Recorded). 6.35—Irish News Feature. 6.45—News. 7.0—Ken O'Dea and N. O.C. Redmond (Songs at the Pfte.). 7.20—As I see it—"Torna." 7.35—Irish Radio Orchestra and May Johnson (Pfte.). Overture, "Hans Heiling" (Marschner). Chopin Potpourri (arr. Worch). Czardas (Grossmann).
 8.30—For Farmers.
 8.45—Two Plays: (a) Atsumari—Japanese Play (Seami), (b) "The Proposal" (Anton Chekhov), produced by Liam O'Loaghair.
 9.30—Variety. 10.30—News. 11.0—National Anthem.

BARCELONA (EAJI)

(Spain)
 795 kc/s (377.4 m.); 7.5 kW. Transmits at intervals from 9.0 a.m. 10.0 p.m.—Time; News and Records. 11.30—Jazz Records. 12.0 m.t.—News (Italian, German, French, Portuguese, Spanish).

BERLIN (Germany)

841 kc/s (356.7 m.); 100 kW. Transmits at intervals from 9.0 a.m. 12.0 noon—See Leipzig. 2.0 p.m.—News. 2.15—Hass Quintet. 3.15—Markets. 3.35-4.0—Records.
 4.30—Music from Stuttgart. 5.30—"In Praise of Gardens"—Sequence (Brockmeier); Music by Kammeier. 6.0—Records. 7.0—Evening Echoes.
 7.15—Quartet in C (Dvořák) by the Prisca Quartet. 8.0—News.
 8.10—Dance Band, etc., from Munich.
 9.0—Haydn and Mozart Concert (Recorded). Station Orchestra. Conductor: Heinrich Steiner. Masurat (Violin). Overture in D (Haydn). German Dances (Mozart). Violin Concerto in G (Mozart). Symphony in B flat—La reine (Haydn). 10.0—News.
 10.30-12.0 n.t.—See Deutschlandsender.

BEROMÜNSTER

(Switzerland)
 556 kc/s (539.6 m.); 100 kW. Relayed by Basle and Berne, 1,375 kc/s (218.2 m.).
 6.15 a.m.—Gym. 12.0 noon—Records. 12.29 p.m.—News.
 12.40-1.30 (from Basle)—Radio Sextet.
 4.30-6.30—From Basle. 4.30—Talk. 5.0—Pfte. Quintet in E (Schumann). 5.45—Weber Records. 6.30—Children visit Radio-Basle. 6.30—Dialect Talk: The Rhine Floods, 1927. 7.0—From the Rhine to the Rhône—Records. 7.20—Natural Science. 7.45—News. 8.0—The Exhibition.
 9.0—"Sechs Mann und ein Tod." 9.57—Announcements.
 10.0 (from Basle)—Weekly Review for Swiss abroad.
 10.15-11.15—See Sottens.

BRATISLAVA

(Czechoslovakia)
 1,004 kc/s (298.8 m.); 13.5 kW. Transmits at intervals from 6.30 a.m. 3.30 p.m.—Station Orchestra. Conductor: Schimpl. Overture in C, in Italian Style (Lehmann). Turkish Suite (Michael Haydn, arr. Geiringer). Symphony in C (Dittersdorf, arr. Kretschmar).
 4.20—Talk. 4.35—Report from Kremnica. 5.0—See Prague. 5.25—For Children. 5.40—To be announced. 6.0—Hungarian Transmission; Talk; Reading. 6.45-8.5—See Prague.
 8.5—"Godfather Bezousek"—Play after Rais (Zubek). 9.15-10.15—See Prague. 10.15—News (Hungarian). 10.30-11.0—Records.

BRESLAU (Germany)

950 kc/s (315.8 m.); 100 kW. Relayed by Gleiwitz, 1,231 kc/s (243.7 m.).
 Transmits at intervals from 5.0 a.m. 12.0 noon—Orchestra. 2.0 p.m.—News; Exchange.
 2.10-3.0—Variety from Deutschlandsender. 4.0—Orchestra; at 5.0-5.10—Reading. 6.0—Reger, Knab, Schubert and Brahms Songs by Leonore Birker (Soprano). 6.20—"Wine in Word and Song" (arr. Sydow). 6.50—Announcements. 7.0—Variety with the Station Dance Band, etc.; at 8.0—News. 9.10—News.

9.15—With Gun and Microphone through Silesia's Game Preserves. 10.0—News. 10.15—Interlude. 10.30-11.30—See Cologne.

BRNO (Czechoslovakia)

922 kc/s (325.4 m.); 32 kW. Transmits at intervals from 5.30 a.m. 6.45-11.0 p.m.—See Prague.

BRUSSELS (No. 1)

(Belgium)
 620 kc/s (483.9 m.); 15 kW. 6.37-9.0 a.m.—Records; Gym; News. 12.0 noon—Records. 12.30 p.m.—Weather; Shipping. 12.35—Light Orchestral. 1.0—News. 1.10—Rhapsodies—Radio Orchestra. Conductor: Gason. 1.30—Records. 2.0—Art Notes.
 4.55—News. 5.0—Light Orchestral. Conductor: Walpot. José Pierre (Songs). 6.0—Talk: Jehan Froissart. 6.15—French Opera Music by the Radio Orchestra. Conductor: Gason. Eve Govy (Songs). Selection, "Mirella" (Gounod). Excerpts, "Manon" (Massenet). Selection, "Louise" (Charpentier). Excerpts, "Le roi malgré lui" (Chabrier). Bacchanal (Saint-Saëns).
 7.0—Marie Panthès (Pfte.). Prelude (Petrachio). Le nombre léger (Messiaen). Three Pieces (Albeniz).
 7.15—Record: Habanera (Auber). 7.25—Tourist Report. 7.30—News. 7.55—Talk on the following programme.
 8.0—"The Pearl Fishers" (Bizet), from the Théâtre de la Monnaie, with Mme de Gavre, MM. d'Arkor, Mancel, Sales; at 8.54-9.9 and 9.41-9.56—Commentaries; Talk; Interview. 10.25—News. 10.35-11.0—Records.

BRUSSELS (No. 2)

(Belgium)
 932 kc/s (321.9 m.); 15 kW. Programme in Flemish.
 6.37-9.5 a.m.—Records; Gym; News. 12.0 noon—Records. 12.30 p.m.—Weather. 12.31—Radio Orchestra. Conductor: Gason.



Photo: Wagram

Mlle. Emmy Daelman, Belgium's foremost lady crooner, contributes to the Brussels No. 2 Dance Band programme (10.10 p.m.)

Armand Franck (Songs). 1.0—News. 1.10—Light Orchestral. 1.30—Records. 2.0-2.3—Shipping. 4.55—News. 5.0—Radio Orchestra. Conductor: Gason. Armand Franck (Songs). 5.45—For Children. 6.30—Records.
 7.0—Orchestra. Conductor: Walpot. Ferarri (Violin). Selection, "Martha" (Flotow-Tavan). Intermezzo, Amina (Lincke). Guitarecos (Chillemont). Ballet, "The Sleeping Beauty" (Tchaikovsky).
 7.30—Theatre Review; Sports.
 8.0—I.N.R. Symphony Orchestra. Conductor: Dejoncker. Yvonne Van den Bergh (Pfte.). Seven Russian Folk Dances (Lyadov). Tarantella (Cui). Antar (Rimsky-Korsakov). 8.45—Song Records.
 9.0—Symphony Orchestra (contd.). Overture, "Prometheus" (Beethoven). Pfte. Concerto in A minor (Grieg). Overture, "Tannhäuser" (Wagner). Librado March (Joosen).
 10.0—News. 10.10-11.0—Brenders Dance Band, Emmy Daelman (Crooner).

BUCHAREST (Romania)

823 kc/s (364.5 m.); 12 kW. Relayed by Radio-Romania (Brasov), 160 kc/s (1,875 m.). Transmits at intervals from 5.30 a.m. 6.3 p.m.—Christache Stanescu Orchestra. 7.25—Educational. 7.45—

Records of Tito Schipa, Toti dal Monte and Ruffo. 8.20—Literature. 8.30—Trio (Brahms) by Andric (Pfte.). Marguerite Capelleanu (Violin) and Stavar (Horn).
 9.10—Georges Folesco (Songs). Der Wanderer (Schubert). Aria, "Boris Godunov" (Mussorgsky). Two Romanian Folk Songs. 9.30—News.
 9.45—Ionel Giurgea Orchestra. 10.45—News (French, German, Romanian).

BUDAPEST (No. 1)

(Hungary)
 546 kc/s (549.5 m.); 120 kW. Transmits at intervals from 6.45 a.m. 12.5 p.m.—University Vocal Quartet. 12.45—News. 1.0—Oláh Cigány Band. 2.40—News. 3.0—Markets. 4.15—For Schools. 4.45—News.
 5.0—Liszt Records. 5.45—To be announced. 6.15—Komor Jazz Band. 6.55—Japanese Stories. 7.25—Deák (Pfte). 8.0—Talk. 8.30—Guitar Ensemble. 9.35—News. 10.0—Dance Records. 11.0—News (German).
 11.5—Györi Cigány Band, Nádor (Songs). 12.5 a.m. (Tuesday)—News.

BUDAPEST (No. 2)

(Hungary)
 359.5 kc/s (834.5 m.); 18 kW. 6.30 p.m.—German Lesson. 7.0—Records. 7.30—To be announced. 8.30—News. 8.55—Records.

COLOGNE (Germany)

658 kc/s (455.9 m.); 100 kW. Transmits at intervals from 5.50 a.m. 12.0 noon—Band. 1.0 p.m.—News. 1.15—Concert from Hamburg. 2.0—News. 2.15—Variety from Deutschlandsender. 3.0-3.30—For Children. 3.45—Markets.
 4.0—See Deutschlandsender; at 5.0-5.10—Review of New Books on Music.
 6.0—Feathered Songsters. 6.15—Chamber Music. Trio (Stamitz). Duet in C for Violin and Viola (Stamitz). Quintet (Dittersdorf).
 7.0—Italian Opera Records. Excerpts, "The Force of Destiny" (Verdi), "Manon Lescaut" (Puccini), "Lucia di Lammermoor" (Donizetti).
 7.45—Film Notes. 8.0—News. 8.10—Weekly Review.
 9.0—Noske (Violin), Haas (Pfte.). 10.0—Time; News. 10.15—Talk. 10.30-12.0 m.t.—Light and Dance Music by the Station Orchestra, etc.

DEUTSCHLANDSENDER

(Germany)
 191 kc/s (1,571 m.); 60 kW. Transmits at intervals from 6.0 a.m. 12.0 noon—See Hamburg. 1.45 p.m.—News.
 2.0—Variety. 3.0—Announcements; Records; Books.
 4.0—Orchestra. Conductor: Döbrindt; at 5.0-5.10—Reading.
 6.0—Music for Children, by Hannele Frank (Soprano) and Maass (Pfte.) (Recorded). 6.25—Records.
 6.45—Report: Aeroplane Manufacture.
 7.0—See Stuttgart. 8.0—News. 8.10—"Orlog ohne Ende"—Play about German East Africa in the Great War (Rehberg); Music by Steinkopf. 9.0—Topical.
 9.15—Wolff Band, Sewalds Accordion Duo, etc. 10.0—News.
 10.15—See Cologne.
 10.30-12.0 m.t.—Dance Music and Light Music. Wolff and Winter Bands. Lilo Berger (Songs).

FRANKFURT (Germany)

1,195 kc/s (251 m.); 25 kW. Cassel, etc. See Sunday.
 Transmits at intervals from 6.0 a.m. 12.0 noon—See Hamburg. 2.0—News; Records. 3.0—Talk; Markets. 3.15-3.30—For Children.
 4.0—Military Band. 6.0—Topical.
 7.0—See Stuttgart. 8.0—News.
 8.10—Station Orchestra. Conductor: Hauck. Cassedanne (Violin). Overture, "Isabella" (Suppé). Waltz, Königskinder (Lohr). Minuet (Bolzoni). Violin: Introduction and Tarantella (Sarasate). Wedding Scenes (Smetana). Violin: Polka (Jungherr). Clarinet: Polka, Sorgenfrei (Vollstedt). Glück im Walzerschritt (Siede). Slav Rhapsody (Friedemann). Robbers' March, "Das Fürstentum" (Lehár).
 9.15—Augmented Station Orchestra. Conductor: Frickhoffer. Overture, "Alceste" (Gluck).

Variations and Fugue on a Theme of Mozart (Reger). 10.0—News.
 10.30—See Cologne.
 12.0 m.t.-1.0 a.m. (Tuesday)—See Stuttgart.

HAMBURG (Germany)

904 kc/s (331.9 m.); 100 kW. Bremen, etc. See Sunday.
 Transmits at intervals from 6.15 a.m. 12.0 noon—Orchestra, Contralto. 2.0 p.m.—News; Music. 3.0—Shipping; Markets. 3.25—Records; Favourite Overtures.
 4.0—Station Dance Band, Marzell Salon Quintet, Songs. Talks in the intervals.
 6.0—Theme with Variations for Wind Quintet and Pfte. (Jentsch). 6.40—Reading. 6.55—Shipping.
 7.0—Schubert Songs by Karl Erb (Tenor); Nietzsche, Scholz and Storm Poems and Prose by Werner Hinz. 7.50—Topical. 8.0—News. 8.10—"Der Jäger aus Kurpfalz"—Songs, Poems and Anecdotes (arr. Reitz); from Saarbrücken.
 9.0—Light Music by the Saarbrücken Station Orchestra and the Four Merry Musicians, from Saarbrücken. 10.0—News.
 10.30-12.0 m.t.—See Cologne.

HILVERSUM (1,875 m.)

(Holland)
 160 kc/s; 10 kW until 5.40 p.m.; 150 kW from 5.40 p.m. VARA Programme.
 7.40 a.m.—Records. 9.40—VPRO Religious Programme. 10.0—Recitations. 10.20—Records. 10.40—Recitations. 11.0—Steyn (Organ). 11.40—Concert by Fantasia. Conductor: Walis. 12.10-1.25 p.m.—VARA Orchestra, Conductor: de Groot; and Records. 1.40—Records. 2.40—Recitations. 3.0—Bonsel (Flute) and Jong (Pfte.). 3.30—Records. 4.10—For Children. 4.45—Jong (Organ). 5.10—Records. 5.40—The Lucky Birds. Conductor: Vogel. 6.10—Music Talk and Records. 6.50—Biology Talk. 7.10—Betsy van Praag (Pfte.). 7.40—News. 7.50—VARA Orchestra. Conductor: de Groot. 8.40—Recitations. 9.0—Concert by Fantasia. Conductor: Walis; at 9.40—News. 10.40-11.40—Records.

HILVERSUM (301.5 m.)

(Holland)
 995 kc/s; 15 kW until 5.40 p.m.; 60 kW from 5.40 p.m. NCRV Programme.
 7.40 a.m.—Bible Reading; Meditation; Records: Sacred Music. 8.10—Records; at 9.10—Greetings. 10.10—Religious Programme. 10.40—Bible Reading. 11.10—Records; at 11.40—News. 12.10 p.m.—Amsterdam Salon Orchestra. Conductor: Kiekens. 1.40—For Schools. 2.15—Records. 2.40—Talk; Records. 3.25—Bible Reading. 4.25—Records; For Children. 5.25—Records. 6.10—Letters; Announcements; Report. 7.40—News.
 7.50—Arnhem Orchestra. Conductor: Gerritsen van Roekel; at 8.40—Talk; and at 9.40—News. 10.10—Records; Gym. 10.40-11.40—Records; Bible Reading.

KALUNDBORG (Denmark)

240 kc/s (1,250 m.); 60 kW. Relays Copenhagen, 1,176 kc/s (255.1 m.).
 Transmits at intervals from 7.0 a.m. 12.0 noon-2.0 p.m.—Bendix String Ensemble.
 2.50—Preil's Ensemble; at 3.35, Talk; Reading. 4.50—Wireless Notes. 5.25—Weather; Exchange; Markets. 5.50—Mozart Records.
 6.0—Cabaret Songs by Peer Guldbrandsen. 6.15—Talk: Shorter Working Hours. 6.35—English Lesson. 7.0—News. 7.30—The Danish Libraries Association Meeting from Esbjerg.
 8.0-9.0—Musical Pictures of Vienna (arr. Bruun). Radio Orchestra. Conductor: Grøndahl. Paul Hansen and Karin Munk (Songs). 9.10—Talk with Readings by Prof. Vilhelm Andersen: Holberg's Comedies. 10.0—News.
 10.20-11.10—Radio Orchestra. Conductor: Grøndahl. Overture, "Youth and Madness" (Dupuy). Suite ancienne (Halvorsen). Selection, "The Bartered Bride" (Smetana). Pester Karneval (Liszt).

KÖNIGSBERG (Heilsberg)

(Germany)
 1,031 kc/s (291 m.); 100 kW. Relayed by Danzig, 1,303 kc/s (230.2 m.).
 Transmits at intervals from 5.0 a.m. 12.0 noon—See Hamburg. 2.0—News; Talk; Variety; Exchange.

3.30—For Women. 3.50—Orchestra. 6.0—Talk. 6.15—Songs by Hitler Youth. 7.0—Announcements. 7.10—Records. Overture, "Frühlingsluft" (Strauss). Two Dances (Debussy). Three Songs (Schramm). Alpenklänge (Häuser). 7.45—Topical. 8.0—News. 8.10—Dance Music by the Station Orchestra, Börschel Band and Soloists. 10.0—News. 10.20—Reading. 10.35-12.0 m't. — Music from Cologne.

LAHTI (Finland)

166 kc/s (1,807 m.); 150 kW. Relayed by Helsinki, 895 kc/s (335.2 m.). Transmits at intervals from 7.5 a.m. 4.0 p.m.—Light Music by the Radio Orchestra. Conductor: Linko. 5.0—For Farmers. 5.10—Michele Orlande (Flute). 5.30—Talk. 5.50—News (Finnish, Swedish). 6.15—German Lesson. 6.40—Franz and Brahms Songs by Teini Rahola. 7.5—Talk. 7.15—"Anna - Liisa"—Play (Minna Canth). From Viipuri. 8.45—News (Finnish, Swedish). 9.10—Records. 10.10-11.0—Light Music and Dance Music.

LEIPZIG (Germany)

785 kc/s (382.2 m.); 120 kW. Relayed by Dresden, 1,285 kc/s (233.5 m.). Transmits at intervals from 5.50 a.m. 12.0 noon—Band. 2.0—News. 2.15—Operetta Records. 3.20—Talk. 3.40—Fairy-Tales and Songs. 4.0—See Deutschlandsender; at 5.0-5.10—Markets. 6.0—Talk: Pagan Culture and Christianity in Iceland. 6.20—Music. 6.40—Books. 7.0—"Tannhäuser" (Wagner) (Dresden State Opera Recordings); at 8.0, News. 10.5—News. 10.30-12.0 m't.—See Cologne.

LILLE (Radio PTT Nord) (France)

1,213 kc/s (247.3 m.); 60 kW. Transmits at intervals from 6.30 a.m. 5.45 p.m.—Station Orchestra. Conductor: Soret. Excerpt, "Oberon" (Weber). Fifth Symphony—From the New World (Dvořák). 6.30—Mme Lallemand-Prevost (Songs). 6.45—Talk in English. 7.0—News. 7.35—Industrial and Social Review. 7.50—Military Band Records. 8.0—Mme Salembier and Georges Lefebvre (Songs). 8.30—See Limoges. 10.30-11.0—News; Records.

LIMOGES (PTT) (France)

895 kc/s (335.2 m.); 1.5 kW. Transmits at intervals from 6.30 a.m. 8.30 p.m.—Station Orchestra. Conductor: Montpellier. Dorfman ("Cello). Symphonie descriptive (Berlioz). Adagio and Allegro (Corelli). Le rouet d'Omphale (Saint-Saëns). Suite for "Cello and Orchestra (d'Hervelois). Impressions d'Italie (Charpentier). Divertissement grec (Gaubert). Eleyg (Fauré). Spanish Serenade (Glazunov). Italian Caprice (Tchaikovsky). 10.30-10.55—See Paris (PTT).

LYONS (PTT) (France)

648 kc/s (463 m.); 100 kW. Transmits at intervals from 6.30 a.m. 8.30 p.m.—"Samson and Delilah" (Saint-Saëns). Station Orchestra and Choir, Mme Frozier, and MM. Faniard and Rouget. Conductor: Waersgers. After the Opera, News.

MONTE CENERI (Switzerland)

1,167 kc/s (257.1 m.); 15 kW. Transmits at intervals from 12.0 noon. 7.45 p.m.—News. 7.55—For Farmers. 8.10—Records: Contemporary Music. 8.30—Talk: Modern Music. 8.45—To be announced. 10.0—See Beromünster. 10.15-11.15—See Sottens.

MUNICH (Germany)

740 kc/s (405.4 m.); 100 kW. Relayed by Nürnberg, 1,267 kc/s (236.8 m.). Transmits at intervals from 6.0 a.m. 12.0 noon—Orchestra. 1.45—News; Exchange. 2.0—See Deutschlandsender. 3.0-3.30—"The Harvest"—Sequence with Songs (Gerda Wiedmann). 4.0 (from Nürnberg)—The Trout Quintet (Schubert) by the Bayreuth Festspielhaus Quartet (Recorded). 4.40—Review of Books on Scandinavia. 5.0—Records and Talks. 6.30—Markets. 6.45—Talk.

7.0—Joyous Rhythm—Station Dance Band and Orchestra; Humorous Patter; at 8.0-8.10—News. 9.0—Songs, Instrumental. 9.40—Reading (Hans Friedrich). 10.0—Time; News. 10.20—Interlude. 10.30-12.0 m't.—See Cologne.

OSLO (Norway)

260 kc/s (1,153.8 m.); 60 kW. Fredrikstad, etc. See Sunday. Transmits at intervals from 11.10 a.m. 5.0 p.m.—Variety Concert. 6.0—For Farmers. 6.25—Leslie Russell (Pfte.). 6.50—News. 7.30—Time; Ulbrich ("Cello). Sicilienne and Allegro from the Sonata in G (Servetto). Spanish Serenade (Glazunov). Mazurka (Markus). 8.10—Talk. 8.25—Cabaret on Records. 9.10—Foreign Affairs. 9.40—News. 10.0—Topical. 10.15-10.45—Karen Marie Flagstad (Operetta Airs).

PARIS (Eiffel Tower) (France)

1,456 kc/s (206 m.); 7 kW. Transmits at intervals from 9.30 a.m. 5.0 p.m.—Concert from Rennes-Bretagne. 5.45—See Lille (Radio PTT Nord). 6.30—Concert from Toulouse (PTT). 7.0—News. 7.35—Social Notes. 7.50—Records. 8.0—See Paris (PTT). 8.30—See Lyons (PTT).

PARIS (Poste Parisien) (France)

959 kc/s (312.8 m.); 60 kW. Transmits at intervals from 7.10 a.m. 12.0 noon—Exchange. 12.5 p.m.—Records. 12.35—Exchange. 12.39—Records. 1.30—Records: Pictures from an Exhibition (Mussorgsky). 2.0, 3.45, 4.35—Exchange. 5.0—News. 5.5—Dance Music. 6.0—News; Exchange. 6.10—Records: "Ciboulette" (Hahn). 6.15—Topical. 6.30—Record. 6.35—Kahn and Tailhade Poems. 6.50—Records: "La princesse jaune" (Saint-Saëns). 6.58—News. 7.10—Records. 7.45—Light Music. 7.55—Interlude. 8.5—News. 8.15—The Voice of Experience, with Marguerite Moréno. 8.20—Song Programme, with Eliane de Creus and Jean Delectre, presented by Jean Loup. 8.35—"Under the Lamp" (Diamant-Berger), with Mady Berry and Pierre Larquey. 8.50—"La bonne histoire." 9.0—News. 9.10—Max Regnier and his Company. 9.40—Italian Music. 9.55—News. 10.10—"Point de Vue"—Thriller (Diamant-Berger). 10.30-11.0—Dance Records.

PARIS (PTT) (France)

695 kc/s (431.7 m.) 120 kW. Transmits at intervals from 6.30 a.m. 4.0 p.m.—Revel (Organ) from the Schola Cantorum. 4.30—Reading (Duvernois). 4.45—Records: "Fidelio" (Beethoven). 5.0—Talk: Men and Books. 5.15—Records: German Dance (Mozart). 5.30—For Gardeners. 5.37—Grammar Lesson. 5.45—Records. 5.52—Talk. 6.0—Hungarian Folk Songs by Yvonne Missir-Louvat. 6.15—Perlemuter (Pfte.). 6.30—Records: Verklärte Nacht (Schönberg). 6.45—For Farmers. 7.0—News; Topical. 8.0—Adolphe Borchard Music presented by René Fauchois. Le Roy (Flute), Mme Turba-Rabier (Songs), the Composer (Pfte.). Flute and Pfte.: Suite, D'un roseau. Songs: (a) Invocation, (b) Souvenir, (c) Abat-jour, (d) L'oiseau volage. 8.30—"Vulcan"—Play (Bernanose; Music by Waubourgoin) by the People's Theatre. 10.30—News. 10.45-10.55—Mozart Records.

PARIS (Radio-Paris) (France)

182 kc/s (1,648 m.); 80 kW. Time Signals at 7.15 a.m., 12.15 p.m., and 10.45 p.m. 6.50 a.m.—Records; at 7.0—Gym. 7.30—News. 8.0-8.30—Records. 10.15—Records. 12.0 noon—Porée Orchestra; at 12.15 p.m.—Talk: Social Service and Hygiene for Workers. 1.15—Mme Piteau (Songs). 1.30—News; Review by Pierre Scize. 2.0—"Le Château de la Mort lente"—Grand-Guignol (de Lorde-Bauche). 2.30—Mme Planquette-Marville (Songs). 2.45—Toti dal Monte, Records. 3.0—For Women. 3.10—Theatre Reminiscences. 3.30—Reading. 3.45—Jeanne Isnard (Violin). 4.0—Talk. 4.10—Reading. 4.15—Talks. 4.40—Military Band Records.

5.0—Derveaux Orchestra. Marche des petits matelots (Ganne). Donauwellen (Ivanovici). Overture, "Gwendoline" (Chabrier). Sérénade dans le soir (Grecourt). Suite, A l'Aventure (Dubois). A bâtons rompus (Gillet). Hallelujah (Youmans). Cigarette Waltz (Lalo). March of the Grenadiers (Schertzingler). 6.0—Art Review and Talks. 6.30—Books. 6.50—Dietetics. 6.55—Paul Reboux. 7.0—Markets. 7.3—Marcelle Heulin (Pfte.). Prelude, Choral and Fugue (Franck). Arabesque (Schumann). 7.30—Milani (Songs). 7.45—Denise Morand ("Cello). 8.0—Political Review. 8.15—Talk: Contemporary Novelists. 8.30—Concert by the 1914-1918 Authors' and Composers' Association. Orchestra, Mme Turba-Rabier (Songs), etc. Clarinet: Et sur les flots mouvants, la lune est apparue (Davranche). Three Songs (Rivier). Songs (Paul Pierné, Melrack). Orchestra: Passacaglia (Gaillard). Poems. Clarinet and Orchestra; L'Altenberg (Naudin). Songs (Tesson). Orchestra: Cavaliers andalou (Vellos). "Quand le Peuple enseigne les Rois"—One-Act Opéra-Comique (Guillot); at 9.30 (approx.)—Press Review. 10.30—Records: Siciliennes. 10.45-11.0—News.

8.10—Time; News. 8.30—Government Review by Senator Giuseppe Beviene. 9.0—Symphony Concert. Conductor: Selvaggi. Brandenburg Concerto (Bach). Scherzo from "A Midsummer Night's Dream" (Mendelssohn). Dances de la Renaissance (Gervaise). Introit (Selvaggi). Tarantella (Martucci). Funeral March from "The Dusk of the Gods" (Wagner). Film Notes in the interval. 10.15—Variety. 10.45—Dance Music. 11.0—News. 11.15—News (English). 11.30-11.50—Dance Music.

SOTTENS (Switzerland)

677 kc/s (443.1 m.); 100 kW. Relayed by Geneva, 401 kc/s (748 m.). 12.30 p.m.—News. 12.40-1.30—From Geneva. 1.40—Light Orchestral. 1.0—Announcements. 1.5—Records. 1.15-1.30—Christen (Cinema Organ). 5.0-6.0—See Beromünster. 6.0-10.0—From Geneva. 6.0—For Women. 6.30—Records. 7.0—Talk: The Coming Music Season. 7.15—Interlude. 7.25—Micro-Magazine. 7.50—News. 8.0—"Stradivarius"—Play (Hoffmann). 9.40—League of Nations Report. 10.0—See Beromünster. 10.15-11.15 (from Geneva)—"Swiss Legends"—Radio Fantasy for Swiss Abroad (Roussy).

PRAGUE (Czechoslovakia)

638 kc/s (470.2 m.); 120 kW. Transmits at intervals from 6.30 a.m. 3.30 p.m.—See Bratislava. 4.20—Talk. 4.35—See Bratislava. 5.0—Sonata in A (Mozart) by Berta Rixova (Pfte.). 5.25—For Children. 5.40—Records. 5.50—Talk. 6.0—Markets. 6.10—German Transmission. 6.45—News (German). 6.55—Record. 7.0—News. 7.10—Wireless Notes. 7.15—Czech Opera Music. Station Orchestra, Conductor: Krejci. Selection, "Two Widows" (Smetana-Provaznik), "Jacobin" (Dvořák - Zemětanek), and "Hedy" (Fibich-Srňka). 8.5—"St. Wenceslas"—Play (Kubka), with Music by Jeremias. 9.15—Concert from the Castle Theatre, Litomyšl. 10.0—News. 10.15—German Lesson. 10.40-11.0—News (German).

RADIO-MÉDITERRANÉE (France)

1,276 kc/s (235.1 m.); 27 kW. Transmits at intervals from 12.15 p.m. 7.0 p.m.—Talk. 7.15—Variety. 7.25—Amusement Guide; For Children. 7.30—Request Programme. 7.40—Talk. 8.0—News; Exchange. 8.30—Records. 9.10—Variety Programme. 10.0—News. 10.15—Dance Music.

RADIO-NORMANDIE (France)

1,113 kc/s (269.5 m.); 15 kW. 6.45 a.m.—Band. 7.0—Light Music. 7.15—News; Press Review. 7.45—Physical Exercises. 8.0—Light Music. 8.45—John and Jane. 9.0—Light Music. 9.45—Hildegarde. 10.0—Light Music. 11.0—Symphony Orchestra. 12.0 noon—Records of Loulou Begoburu. 12.15 p.m.—Concert. 2.0—Records. 2.30—Paris Exhibition News. 2.45—Light Music. 4.0—Military Band. 4.30—Light Music. 5.30—For Children. 5.45—Gerardo's Tango Orchestra. 6.0—Children's Corner. 6.45—Talk; News. 7.0—Operetta Music. 7.50—News. 8.0—Variety. 8.40-11.0—Light Music. 11.0—Café Concert. 11.45—News. 12.0 m't.—Midnight Melodies. 12.30-1.0 a.m. (Tuesday)—Dance Music.

REYKJAVIK (Iceland)

208 kc/s (1,442 m.); 16 kW. Transmits at intervals from 12.0 noon. 9.10 p.m.—Weather (Icelandic, German, English). 9.20—Marching Songs. 9.55—News. 10.30—Talk. 10.55—Popular Orchestral. 11.30—Lullabies.

ROME (Italy)

713 kc/s (420.8 m.); 50 kW. Naples, etc. See Sunday. Transmits at intervals from 7.45 a.m. 5.0 p.m.—News. 5.15—Light Music. 5.50—Weather. 5.55-6.5—Poems. 6.50—Royal Geographical Society's Report. 7.0—Sports; Talk (French); Music. 7.53—News in Foreign Languages.

8.10—Time; News. 8.30—Government Review by Senator Giuseppe Beviene. 9.0—Symphony Concert. Conductor: Selvaggi. Brandenburg Concerto (Bach). Scherzo from "A Midsummer Night's Dream" (Mendelssohn). Dances de la Renaissance (Gervaise). Introit (Selvaggi). Tarantella (Martucci). Funeral March from "The Dusk of the Gods" (Wagner). Film Notes in the interval. 10.15—Variety. 10.45—Dance Music. 11.0—News. 11.15—News (English). 11.30-11.50—Dance Music.

6.0—Art Review and Talks. 6.30—Books. 6.50—Dietetics. 6.55—Paul Reboux. 7.0—Markets. 7.3—Marcelle Heulin (Pfte.). Prelude, Choral and Fugue (Franck). Arabesque (Schumann). 7.30—Milani (Songs). 7.45—Denise Morand ("Cello). 8.0—Political Review. 8.15—Talk: Contemporary Novelists. 8.30—Concert by the 1914-1918 Authors' and Composers' Association. Orchestra, Mme Turba-Rabier (Songs), etc. Clarinet: Et sur les flots mouvants, la lune est apparue (Davranche). Three Songs (Rivier). Songs (Paul Pierné, Melrack). Orchestra: Passacaglia (Gaillard). Poems. Clarinet and Orchestra; L'Altenberg (Naudin). Songs (Tesson). Orchestra: Cavaliers andalou (Vellos). "Quand le Peuple enseigne les Rois"—One-Act Opéra-Comique (Guillot); at 9.30 (approx.)—Press Review. 10.30—Records: Siciliennes. 10.45-11.0—News.

STOCKHOLM (Sweden)

704 kc/s (426.1 m.); 55 kW. Motala, etc. See Sunday. Transmits at intervals from 7.20 a.m. 5.5 p.m.—Accordion Duets and Songs. 5.30—Light Orchestral. 6.30 (from Göteborg)—French Lesson. 7.0—Broberg (Saxophone). 7.15—News. 7.30—Report. 8.0—Radio Orchestra. Conductor: Lars-Erik Larsson. Bergkvist ("Cello). Comedy Overture (Westberg). Four Frösö Flowers (Peterson-Berger). Devil's Polska (Kuhala). Adagio and Variations for "Cello and Orchestra (Respinghi). Suite, "The Tuppeny-Ha'penny Opera" (Weill). Overture, "The Merry Wives of Windsor" (Nicolai). 9.15—Talk. 9.45—News. 10.0-11.0—Records.

STRASBOURG (France)

859 kc/s (349.2 m.); 100 kW. Transmits at intervals from 6.30 a.m. 4.0 p.m.—Symphony Concert. Conductor: de Villers. Les Préludes (Liszt). Siegfried Idyll (Wagner). Variations japonaises (Vidal). 4.50—Exchange. 5.0—Talk (German). 5.15—Records: Chansons madécasses (Ravel) by Madeleine Grey with Flute, "Cello, and Pfte. Accompaniment. 5.30—Colonial Review (German). 5.45—See Lille (Radio PTT Nord). 6.30—Concert from Toulouse (PTT). 7.0—Topical. 7.35—Industrial and Social Notes. 7.50—News. 8.0—News (German). 8.15—For Farmers. 8.30—Military Band. Suzanne Hillmeyer (Songs). Heuberth ("Viola d'amore. "The Thunder Clap" (Paganetti). 10.30—Topical. 10.55—News (German).

STUTT GART (Germany)

574 kc/s (522.6 m.); 100 kW. Transmits at intervals from 5.0 a.m. 12.0 noon—See Hamburg; at 1.0 p.m.—News. 2.0-3.0—See Deutschlandsender. 4.0—Orchestra and Dance Band. 6.0—Topical. 7.0—Station Orchestra, Stuttgart Chamber Quartet and French Horn Quartet. 8.0—News. 12.40-1.0—A Visit to an Engraver's Studio—Sequence. 3.45—Industrial News. 4.0—For Children. 4.15—Mandoline Band. 4.45—Reading. 5.0—Dobryszczyka (Pfte.). Macnez (Songs). Pfte.: (a) Variations in F minor (Haydn), (b) Paysage (Chausson). Songs: (a) Ideale (Tosti), (b) Vorrei morire (Tosti), (c) E canto il grillo (Billi). Pfte.: Three Pieces (Medtner). Songs: (a) Aria from "L'Arlesiana" (Cilea), (b) Perchè (Pennino), (c) Canta per me (De Curtis). 5.50—Talk. 6.0—Technical Letter-Box. 6.10—Programme Notes. 6.15—Records. 6.50—Topical. 7.0—Talk. 7.40—Sports. 8.0—Dance Music. 8.45—News. 8.55—Topical. 9.0 (from Lwów)—"Les nymphes auprès du lac de Goplo" (Kurpinski). 10.50-11.0—News.

TOULOUSE (Radio-Toulouse) (France)

913 kc/s (328.6 m.); 60 kW. Transmits at intervals from 8.0 a.m. 6.0 p.m.—Paso dobles. 6.15—Film Songs. 6.40—Orchestra. 6.55—News. 7.15—"Les gros sous"—Fantasy. 7.45—Excerpts, "Louise" (Charpentier). 8.0—Variety. 8.45—Light Music. 9.15—"Les Prisonniers"—Fantasy. 9.30—Jazz Band. 10.0—News. 10.15—Operetta Songs, "La petite dame du train bleu" (Van Parys), "Le Comte Obligado" (Moretti), "Paganini" (Lehár), "Le petit Duc" (Lecocq). 10.30—Orchestra. 10.45—Musical Comedy Music. 11.0—Orchestra. 11.15—Military Band and Soldier Songs. 11.35—Light Music. 11.50—News.

TURIN (No. 1) (Italy)

1,140 kc/s (263.2 m.); 7 kW. Milan (No. 1), etc. See Sunday. Transmits at intervals from 7.45 a.m. 5.0 p.m.—News. 5.15-5.50—Dance Music. 6.50—Royal Geographical Society's Report. 7.0—Light Music. 7.40—News in Foreign Languages. 8.10—See Rome. 9.0—"Societa in accomandita"—Play (Roma). 10.30—Galliera (Organ). 11.0—News. 11.15-11.55—Dance Music.

VIENNA (Austria)

592 kc/s (506.8 m.); 100 kW. Graz, etc. See Sunday. Transmits at intervals from 6.45 a.m. 4.0 p.m.—News; Markets. 4.5—Film and Dance Records. 5.0—Talk: Forgotten Musical Instruments. 5.20—Talk: Vienna's gay old Theatres. 5.40—Martha Strankmüller (Soprano). Wanderers Nachtlied (Schubert). Die Liebe (Schubert). Was will die einsame Träne (Schumann). Warum soll ich denn wandern (Schumann). Frühlingnacht (Schumann). Frühlinglied (Mendelssohn). Liebesbriefchen (Korngold). 5.55—Sonata in A minor (Schubert) by Hedwig Klimscha (Pfte). 6.10—Viennese Anecdotes. 6.35—Cultural Review. 6.45—Topical. 6.55—For Youth. 7.0—News. 7.10 Topical. 7.25—"Slav Impressions"—Station Orchestra. Conductor: Schönherr. Baltz (Violin). Overture, "The Cunning Peasant" (Dvořák). Slovak Suite (Novak). Trepak (Tchaikovsky). Violin and Orchestra: Slav Impression (Winkler). Ballet Scene, "The Zaporogian Cossacks" (Glière). Dance Suite, "The Bartered Bride" (Smetana). 8.40—"Wenn zwei sich kriegen"—Singspiel (Rohrböck). 9.20—Rudolf Jeremias Kreutz reads. 9.40—Hungarian Songs by Lenke Zsögön. 10.10—News. 10.20—Rauscher Dance Band. 10.45—Books. 10.55—News. 11.0-11.30—Rauscher Dance Band.

WARSAW (Poland)

224 kc/s (1,339 m.); 120 kW. Cracow, etc. See Sunday. Transmits at intervals from 6.15 a.m. 11.57 a.m.—Time; Fanfare. 12.3 p.m.—News. 12.15—For Farmers. 12.25—Records. 12.40-1.0—A Visit to an Engraver's Studio—Sequence. 3.45—Industrial News. 4.0—For Children. 4.15—Mandoline Band. 4.45—Reading. 5.0—Dobryszczyka (Pfte.). Macnez (Songs). Pfte.: (a) Variations in F minor (Haydn), (b) Paysage (Chausson). Songs: (a) Ideale (Tosti), (b) Vorrei morire (Tosti), (c) E canto il grillo (Billi). Pfte.: Three Pieces (Medtner). Songs: (a) Aria from "L'Arlesiana" (Cilea), (b) Perchè (Pennino), (c) Canta per me (De Curtis). 5.50—Talk. 6.0—Technical Letter-Box. 6.10—Programme Notes. 6.15—Records. 6.50—Topical. 7.0—Talk. 7.40—Sports. 8.0—Dance Music. 8.45—News. 8.55—Topical. 9.0 (from Lwów)—"Les nymphes auprès du lac de Goplo" (Kurpinski). 10.50-11.0—News.

MONDAY (September 27)

TOULOUSE (Radio-Toulouse) (France)

913 kc/s (328.6 m.); 60 kW. Transmits at intervals from 8.0 a.m. 6.0 p.m.—Paso dobles. 6.15—Film Songs. 6.40—Orchestra. 6.55—News. 7.15—"Les gros sous"—Fantasy. 7.45—Excerpts, "Louise" (Charpentier). 8.0—Variety. 8.45—Light Music. 9.15—"Les Prisonniers"—Fantasy. 9.30—Jazz Band. 10.0—News. 10.15—Operetta Songs, "La petite dame du train bleu" (Van Parys), "Le Comte Obligado" (Moretti), "Paganini" (Lehár), "Le petit Duc" (Lecocq). 10.30—Orchestra. 10.45—Musical Comedy Music. 11.0—Orchestra. 11.15—Military Band and Soldier Songs. 11.35—Light Music. 11.50—News.

TURIN (No. 1) (Italy)

1,140 kc/s (263.2 m.); 7 kW. Milan (No. 1), etc. See Sunday. Transmits at intervals from 7.45 a.m. 5.0 p.m.—News. 5.15-5.50—Dance Music. 6.50—Royal Geographical Society's Report. 7.0—Light Music. 7.40—News in Foreign Languages. 8.10—See Rome. 9.0—"Societa in accomandita"—Play (Roma). 10.30—Galliera (Organ). 11.0—News. 11.15-11.55—Dance Music.

VIENNA (Austria)

592 kc/s (506.8 m.); 100 kW. Graz, etc. See Sunday. Transmits at intervals from 6.45 a.m. 4.0 p.m.—News; Markets. 4.5—Film and Dance Records. 5.0—Talk: Forgotten Musical Instruments. 5.20—Talk: Vienna's gay old Theatres. 5.40—Martha Strankmüller (Soprano). Wanderers Nachtlied (Schubert). Die Liebe (Schubert). Was will die einsame Träne (Schumann). Warum soll ich denn wandern (Schumann). Frühlingnacht (Schumann). Frühlinglied (Mendelssohn). Liebesbriefchen (Korngold). 5.55—Sonata in A minor (Schubert) by Hedwig Klimscha (Pfte). 6.10—Viennese Anecdotes. 6.35—Cultural Review. 6.45—Topical. 6.55—For Youth. 7.0—News. 7.10 Topical. 7.25—"Slav Impressions"—Station Orchestra. Conductor: Schönherr. Baltz (Violin). Overture, "The Cunning Peasant" (Dvořák). Slovak Suite (Novak). Trepak (Tchaikovsky). Violin and Orchestra: Slav Impression (Winkler). Ballet Scene, "The Zaporogian Cossacks" (Glière). Dance Suite, "The Bartered Bride" (Smetana). 8.40—"Wenn zwei sich kriegen"—Singspiel (Rohrböck). 9.20—Rudolf Jeremias Kreutz reads. 9.40—Hungarian Songs by Lenke Zsögön. 10.10—News. 10.20—Rauscher Dance Band. 10.45—Books. 10.55—News. 11.0-11.30—Rauscher Dance Band.

WARSAW (Poland)

224 kc/s (1,339 m.); 120 kW. Cracow, etc. See Sunday. Transmits at intervals from 6.15 a.m. 11.57 a.m.—Time; Fanfare. 12.3 p.m.—News. 12.15—For Farmers. 12.25—Records. 12.40-1.0—A Visit to an Engraver's Studio—Sequence. 3.45—Industrial News. 4.0—For Children. 4.15—Mandoline Band. 4.45—Reading. 5.0—Dobryszczyka (Pfte.). Macnez (Songs). Pfte.: (a) Variations in F minor (Haydn), (b) Paysage (Chausson). Songs: (a) Ideale (Tosti), (b) Vorrei morire (Tosti), (c) E canto il grillo (Billi). Pfte.: Three Pieces (Medtner). Songs: (a) Aria from "L'Arlesiana" (Cilea), (b) Perchè (Pennino), (c) Canta per me (De Curtis). 5.50—Talk. 6.0—Technical Letter-Box. 6.10—Programme Notes. 6.15—Records. 6.50—Topical. 7.0—Talk. 7.40—Sports. 8.0—Dance Music. 8.45—News. 8.55—Topical. 9.0 (from Lwów)—"Les nymphes auprès du lac de Goplo" (Kurpinski). 10.50-11.0—News.

TUESDAY Sept. 28

5 p.m.

ATHLONE, 5.30—Quartet in A minor (Schumann) (Recorded). **BRESLAU**, Books, 5.10—Light Orchestral. **BRUSSELS (1)**, Harp and Song Recital, 5.30—For Children. **BRUSSELS (2)**, Radio Orchestra and Song Records, 5.45—For Children. **COLOGNE**, Orchestra, Instrumental Quartet, Singers, etc. 5.45—Books. **HAMBURG**, Band, 5.15—Variety. **HILVERSUM (1,875 m.)**, 5.10—Organ, Violin, Saxophone. **HILVERSUM (301.5 m.)**, KRO Melodists, Songs; Records, 5.25—Greetings; Talk. **KÖNIGSBERG**, **FRANKFURT**, and **STUTTGART**, Orchestra. **MUNICH**, Orchestra, etc. **OSLO**, Songs, Saxophone, Records. **PABIS (PTT)**, Light Orchestral. **PRAGUE**, St. Wenceslas—Sequence with Music (Recorded), 5.35—German Transmission: "The Taming of the Shrew." **RADIO-PARIS**, Light Music. **ROME**, News, 5.15—Dance Music, 5.50—Weather. **SOTTENS**, **BEROMÜNSTER**, and **MONTE CENERI**, Orchestra. **STOCKHOLM**, 5.30—Alto Flute and Harpsichord, 5.45—Reading (Sir Philip Gibbs). **STRASBOURG**, Orchestra, 5.45—Talk. **TURIN**, News, 5.15—Capsoni (Violin), 5.50—Weather. **WARSAW**, Warsaw Philharmonic (Tchaikovsky, Massenet, Wagner), 5.50—Talk.

6 p.m.

ATHLONE, Talk, 6.20—Ballads, 6.35—News. **BERLIN**, Gaden Band, **BEROMÜNSTER**, Weather; Records, 6.30—Economics. **BRESLAU**, Periodicals, 6.25—Review, 6.45—Report; Notes. **BRUSSELS (1)**, 6.5—Poems, 6.15—Records, 6.30—Violin Sonata (César Franck). **BRUSSELS (2)**, For Children, 6.30—Classical Records, 6.45—Talk. **BUCHAREST** and **RADIO-ROMANIA**, 6.3—Records. **BUDAPEST (1)**, Cigány Band, 6.30—To be announced. **COLOGNE**, Orchestra, etc. (cont'd.). **DEUTSCHLANDSENDER**, Contemporary Choral Music, 6.25—Review, 6.45—Records. **FRANKFURT**, Topical. **HAMBURG**, North German Dialect Sequence with Music, 6.45—Notes. **HILVERSUM (1,875 m.)**, Organ, Violin, Saxophone, 6.10—Talk, 6.40—Dance Band. **HILVERSUM (301.5 m.)**, KRO Melodists, Songs, 6.40—Notes. **KÖNIGSBERG**, Books, 6.10—"Autumn"—Sequence (Hein), 6.35—Topical. 6.45—Don Cosacks Choir. **LEIPZIG**, Reading, 6.10—Folk Songs, 6.40—Talk. **MUNICH**, Orchestra, etc. 6.35—Talks. **OSLO**, Songs, etc. (cont'd.), 6.20—For Women, 6.50—News. **PABIS (PTT)**, Light Orchestral, 6.30—Music Talk, 6.45—Records. **POSTE PARISIEN**, News, 6.10—Religious Programme, 6.20—Records, 6.58—News. **PRAGUE**, "The Taming of the Shrew" (cont'd.), 6.50—News and Review (German). **RADIO-NORMANDIE**, For Children, 6.45—Talk; News. **RADIO-PARIS**, Talks, 6.30—Dramatic. **SOTTENS**, Literature, 6.20—French Music for Children—Orchestra. **STOCKHOLM**, Reading (cont'd.), 6.15—Records. **STRASBOURG**, Records, 6.30—Educational. **STUTTGART**, Topical. **WARSAW**, Notes, 6.15—Records, 6.50—Topical.

7 p.m.

ATHLONE, "Irish Rivers—The Liffey"—Orchestra and Compère. **BERLIN**, Echoes, 7.15—Light Music. **BEROMÜNSTER**, Talk, 7.15—Records, 7.25—League of Nations Report, 7.40—News, 7.55—Jazz. **BRESLAU**, Folk Music—Choir and Orchestra. **BRUSSELS (1)**, Reviews; For Workers, 7.15—"Les beaux jours de Rome" (François Mauriac), with Respighi Music, 7.30—News. **BRUSSELS (2)**, Records, 7.30—News. **BUCHA-**

REST AND RADIO-ROMANIA, Records, 7.10—Educational, 7.30—Baikal Balalaika Quartet. **BUDAPEST (1)**, A Musical Trip on the Italian Lakes—Lecture-Recital with Records. **COLOGNE**, Where are you, Comrade? 7.45—Snapshots. **DEUTSCHLANDSENDER**, Light Music. **EFFEL TOWER**, See Paris (PTT), 7.35—For Workers, 7.50—Records. **FRANKFURT**, Künneke Concert—Station Orchestra and Munich Station Dance Band, Carla Splietter (Soprano), Marius Andersen (Tenor), Stech (Pfte.). **HAMBURG**, Military Band. **HILVERSUM (1,875 m.)**, Dance Band, 7.10—Talk, 7.40—News, 7.50—Opera (Spoliensky). **HILVERSUM (301.5 m.)**, Talks, 7.40—News, 7.55—Lecuona Cuban Boys. **KÖNIGSBERG**, Choir (cont'd.).

PRINCIPAL EVENTS

SYMPHONY CONCERTS
8.0 National: Soloist, Myra Hess (pftc.).
8.0 Oslo, Kalundborg, Stockholm: Norwegian music.
8.30 Bucharest: Brahms, Beethoven, etc.
8.30 Paris (PTT), etc.: Orchestra, flute.
9.0 Leipzig: Sibelius programme.
9.0 Sottens: Beethoven No. 2.
LIGHT CONCERTS
12.0 Radio-Paris: Roger Ellis Orchestra.
1.40 Hilversum (1,875 m.): Orchestra, vln.
2.20 Kalundborg: Orchestra, songs.
4.0 Deutschlandsender: Popular orch.
5.0 Warsaw: Philharmonic Orch.
7.0 Breslau: Folk-music, orch., choir.
8.0 Sottens: Soirée de chansons.
8.35 Budapest 1: Grieg, Zádor, etc.
8.45 Brussels 1: English and French prog.
9.0 Königsberg: Variety concert.
10.15 Oslo: Bergen Radio Orch.
10.30 Hamburg, etc.: Light and dance music.
10.30 Kalundborg: Bizet programme.
12.0 Frankfurt, Stuttgart: Records.
OPERAS
8.10 Munich: "Preciosa" (Weber).
8.15 Athlone: "Madam Butterfly" (Act 1) (rec.).

7.10—Serenades for Three Strings (Fuchs and Hösl), 7.45—Topical. **LEIPZIG**, "The Homeland"—German Poems and Songs. Leipzig Symphony Orchestra Wind Quartet, Station Choir, etc. 7.50—Topical. **LYONS (PTT)**, News, 7.35—For Workers, 7.50—Records. **MONTE CENERI**, 7.44—News, 7.55—Records. **MUNICH**, Records. **OSLO**, News, 7.30—Talk. **PABIS (PTT)**, News, **POSTE PARISIEN**, News, 7.15—Records, 7.45—Trio. **PRAGUE**, News, 7.10—Military Band; at 7.35—"St. Wenceslas"—Folk Songs. **RADIO-NORMANDIE**, Orchestra, 7.20—Chansonnettes, 7.50—News. **RADIO-PARIS**, Sonata (Haydn), by Michelin (Cello), 7.15—News, 7.30—Christiane Senart (Pfte.). **ROME**, Talk (English); News; Music, 7.53—News in Foreign Languages. **SOTTENS**, Talk, 7.10—History, 7.20—Medical Hints, 7.30—Music, 7.45—Notes, 7.50—News. **STOCKHOLM**, Records, 7.15—News, 7.30—Talk. **STRASBOURG**, Topical, 7.35—Economics, 7.50—News. **STUTTGART**, Records. **TURIN**, Radio Orchestra, 7.40—News in Foreign Languages. **VIENNA**, 7.40—Love Songs and Songs of the Open Road—Vienna State Opera Quartet and Führich (Pfte.). **WARSAW**, Sketch, 7.15—Karjus (Cello) (Bach, Vivaldi, Fauré, Françoise), 7.50—Sports.

8 p.m.

ATHLONE, Talk, 8.15—Act I, "Madame Butterfly" (Puccini) (Records). **BERLIN**, News, 8.10—Orchestra. **BEROMÜNSTER**, Jazz, 8.15

—Radio Orchestra, 8.25—"Un caprice" (Jean Bard). **BRESLAU**, News, 8.10—"Flieger im Westen"—Play (Grabler). **BRNO**, 8.25—"The Merry Wooing" (Malat). **BRUSSELS (1)**, "The Boulevard Hausmann Crime"—Thriller (Vaxelaire), 8.45—Radio Orchestra, Blanche Deligny (Songs), Part I. English Music, Part II. French Music. **BRUSSELS (2)**, Cabaret. **BUCHAREST** and **RADIO-ROMANIA**, 8.5—Songs, 8.30—Symphony Concert—Radio Orchestra, Flute. **BUDAPEST (1)**, Poems, 8.35—Budapest Concert Orchestra (Grieg, Zádor, Godard, Strauss).

COLOGNE, News, 8.10—Light Classical Records. **DEUTSCHLANDSENDER**, News, 8.10—Dance Music. **EFFEL TOWER**, Television, 8.30—The First Société Nationale Concert—Raugel Choir and Station "Troupe," "La quinzaine sonore" (Constantin-Brive). **FRANKFURT**, News, 8.10—Künneke Concert (cont'd.). **HAMBURG**, News, 8.10—"Prince Louis Ferdinand of Prussia"—Epic (Heuer). **HILVERSUM (1,875 m.)**, Opera (Spoliensky)

WARSAW, Wilno-Warsaw Exchange Concert, Wilno Station Orchestra and the Dan Choir of Warsaw.

9 p.m.

ATHLONE, "Madame Butterfly" (cont'd.), 9.15—Review, 9.30—Variety. **BERLIN**, Orchestra, 9.15—Film Records. **BEROMÜNSTER**, "Un caprice" (cont'd.), 9.10—Radio Orchestra, 9.45—Songs. **BRESLAU**, Play (cont'd.), 9.10—Motto, 9.15—Organ. **BRNO**, "The Merry Wooing" (Malat) (cont'd.), 9.55—See Prague. **BRUSSELS (1)**, Orchestra, Songs (cont'd.). **BRUSSELS (2)**, Orchestra and Records. **BUCHAREST** and **RADIO-ROMANIA**, Orchestra, Flute (cont'd.). **BUDAPEST (1)**, Orchestra (cont'd.), 9.50—News. **COLOGNE**, "From Grünwald to Rembrandt"—Programme about Old Masters of German, Dutch and Flemish Art, from the Walraf-Richartz Museum, with a Chamber Orchestra. **DEUTSCHLANDSENDER**, Topical, 9.15—"When day is

9.0 Rome, Radio-Paris: "Florentine Spring" (Pedrollo), "A Romantic Night" (Pick-Mangiagalli).
9.55 Hilversum (301.5 m.): "Pelléas et Mélisande" (Acts 4 and 5).
CHAMBER MUSIC
10.0 Warsaw: Bach, Mozart.
10.15 Budapest 1: Harp Quintet.
10.20 Stockholm: Quartets (Graener, Schubert).
RECITALS
5.10 Hilversum (1,875 m.): Organ, vln., saxophone.
8.15 Vienna: Guitars, accordion.
9.45 Beromünster: Minnelieder.
10.15 (approx.) Turin: Choir (motets, etc.).
PLAYS
8.0 Brussels 1: "Le crime du Boulevard Hausmann."
8.30 Limoges (PTT), Lille: "La Femme X" (Bisson).
8.30 Regional: "The Peaslake Crash" (Sieveking).
LAST NEWS BULLETINS, see Monday
DANCE MUSIC
8.10 Deutschlandsender; 10.30, Leipzig, etc., Regional; 10.50, Hilversum (1,875 m.); 11.0, National; 11.5, Budapest 1; 11.15, Kalundborg, Turin.

HOLM, Cabaret, 9.45—News. **STRASBOURG**, "Die schöne Müllerin" (cont'd.). **STUTTGART**, "As you like it" (cont'd.), 9.15—"Breviary for the Lonely"—Sequence (Schneider). **TOULOUSE**, Dance and Light Music. **TURIN**, Band. **VIENNA**, 9.5—A Literary Pilgrimage through Vienna—Houses of Famous Authors. **WARSAW**, Concert (cont'd.), 9.45—Story.

10 p.m.

ATHLONE, Variety, 10.30—News. **BERLIN**, News, 10.20—Sports, 10.35—Music from Hamburg. **BEROMÜNSTER**, Songs, 10.10—Talk, 10.30—News. **BRESLAU**, News, 10.15—Topical, 10.30—See Hamburg. **BRUSSELS (1)**, News, 10.10—Records, 10.55—Christus vincit (Liszt). **BRUSSELS (2)**, News, 10.10—Records. **BUCHAREST** and **RADIO-ROMANIA**, Orchestra, Flute (cont'd.), 10.20—Records, 10.45—News (French, German, Romanian). **BUDAPEST (1)**, News, 10.15—"The Hungarian Harp Ensemble (Malipiero, Debussy). **COLOGNE**, News, 10.30—English Talk, 10.50—Music from Hamburg. **DEUTSCHLANDSENDER**, News, 10.30—Flute Trio (Quantz). **EFFEL TOWER**, Concert and Sketch (cont'd.). **HAMBURG**, News, 10.30—Light and Dance Music—Orchestra, Dance Band. **HILVERSUM (1,875 m.)**, Orchestra (cont'd.), 10.25—News, 10.50—Dance Band. **HILVERSUM (301.5 m.)**, "Pelléas et Mélisande" (cont'd.), 10.55—News. **KALUNDBORG**, Talk, 10.10—News, 10.30—Bizet Concert—Radio Orchestra. **KÖNIGSBERG**, News, 10.20—Review, 10.40—Music from Hamburg. **LEIPZIG**, News, 10.20—Science, 10.30—Dance Band. **LILLE**, Play (cont'd.), 10.30—News. **MUNICH**, News, 10.20—Light and Dance Music. **OSLO**, Talk, 10.15—Bergen Radio Orchestra. **PABIS (PTT)**, Concert (cont'd.), 10.30—News, 10.45—Mozart Records. **POSTE PARISIEN**, News, 10.10—Symphony Records, 10.30—From the Scheherazade. **PRAGUE**, News (French and German). **RADIO-NORMANDIE**, Concert. **ROME** and **RADIO-PARIS**, Operettas (cont'd.). **SOTTENS**, French Operetta Music—Orchestra, 10.30—League of Nations Report. **STOCKHOLM**, Foreign Affairs, 10.20—Berlin Philharmonic String Quartet (Graener, Schubert). **STRASBOURG**, "Die schöne Müllerin" (cont'd.), 10.30—Topical, 10.55—News (German). **STUTTGART**, News, 10.40—Old Chamber Music—Mezzo-Soprano Violin, Cello, Harpsichord, Guitar. **TOULOUSE**, News, 10.15—Light Music. **TURIN**, Band, 10.15—Basilica Choir. **VIENNA**, A Literary Pilgrimage (cont'd.), 10.10—News, 10.20—Records of Famous Artists; at 10.55—Notes. **WARSAW**, Chamber Music (Bach, Mozart), 10.50—News.

11 p.m.

BUDAPEST (1), 11.5—Jazz Band. **HAMBURG** and **MOST GERMAN STATIONS**, Music (cont'd.). **HILVERSUM (1,875 m.)**, Dance Band, 11.20—Palla (Organ). **HILVERSUM (301.5 m.)**, Records. **KALUNDBORG**, Bizet Concert (cont'd.), 11.15—Dance Band. **LEIPZIG** and **DEUTSCHLANDSENDER**, Dance Band. **MUNICH**, Music (cont'd.). **RADIO-NORMANDIE**, Cabaret, 11.45—News. **ROME**, News (English), 11.15—Dance Music. **TOULOUSE**, Light Music, 11.50—News. **TURIN**, News, 11.15—Dance Music. **VIENNA**, Records (cont'd.).

12 midnight

BARCELONA, News (Italian, German, French, Portuguese, Spanish). **FRANKFURT** and **STUTTGART**, Serenade on Records (Berlioz, Tchaikovsky, Borodin). **KALUNDBORG**, Dance Band. **RADIO-NORMANDIE**, Melodies, 12.30—Dance Music.

NATIONAL

For Time Signals, see Monday.
 10.15 a.m. (D)—Service.
 10.30 (D)—Weather Forecast.
 10.45 (D)—Housekeeping talk.
 11.0 (D)—Records.
 11.25 (D)—For Schools.
 11.45 (D)—Joseph Shadwick (Violin); Wilfrid Parry (Pfte.).
 12.15 p.m. (D)—Variety.
 12.45 (D)—J. S. Robson (Organ).
 1.15 (D)—Records.
 2.0 (D)—For Schools.
 4.0 (D)—Talk.
 4.15 (D)—Orchestra.
 5.0—Bernard Crook Quintet.
 5.40—Gustave Ferrari (Baritone).
 6.0—The First News.
 6.25—The Vagabond Lover.
 6.40—Rae Jenkins' Orchestra.
 6.50—Philip Levi (Pfte.).
 7.30—Reginald Foort (BBC Theatre Organ).
 8.0—Promenade Concert from Queen's Hall, London: Schubert-Schumann: Myra Hess (Pfte.); BBC Symphony Orchestra conducted by Sir Henry J. Wood. 9.40—The Third News.
 10.0—Autumn Drama—Val. H. Gielgud. 10.15—The Little Show.
 11.0—Mantovani and his Dance Orchestra. 11.30-12.0—Dance Records.

REGIONAL

For Time Signals, see Monday.
 10.15-10.45 a.m. (ex. Western)—National.
 10.45 (ex. Western, Scottish)—Cinema Organ.
 10.45 (Western, Scottish)—National.
 11.15 (ex. Western, Scottish)—Orchestra: Harding Jenkins (Baritone).
 12.0 noon (ex. Western, Scottish)—Theatre Orchestra.
 12.30 p.m. (ex. Western, Scottish)—Records. 12.55—Short story.
 1.15 (ex. Western, Scottish)—Edgar Knight Trio. 2.0—Band.
 2.0 (Scottish)—For Schools.
 2.40 (ex. Western, Scottish)—The Harp Trio.
 3.0 (ex. Western)—Torquay Municipal Orchestra: Nora Gruhn (Soprano).
 4.0 (ex. Western, Scottish; Northern 4.45)—Jack Wilson's Versatile Five.
 4.0 (Northern)—Evensong from York Minster.
 4.0 (Western, Scottish)—National.
 4.30 (ex. Western, Scottish)—Records.
 5.0—The Children's Hour.
 6.0 (Regional, Midland, Welsh)—BBC Midland Orchestra.
 6.0 (Northern, Scottish)—Cinema Organ.
 6.0 (Western)—National.
 6.0 (N. Ireland)—Dance Band.
 6.20 (Scottish)—Scotts Songs and Duets.
 6.25 (Northern)—Girls' Choir.
 6.30 (N. Ireland)—Orchestra: Norman Johnston (Tenor).
 6.45 (Scottish)—"Russian Roundabout."
 6.50 (Regional, Northern, Welsh)—The Little Orchestra.
 6.50 (Midland)—Quintet.
 7.20 (ex. Western)—Regional Announcements. 7.30—Second News.
 8.0 (ex. Northern, Western, N. Ireland)—Dance Orchestra.
 8.0 (Northern)—Variety.
 8.0 (Western)—Organ recital.
 8.0 (N. Ireland)—Accent on Rhythm.
 8.15 (Northern)—"Flippant Fingers."
 8.30 (ex. Welsh)—"The Peaslake Crash"—a new Radio Play by Lance Sieving.
 8.30 (Welsh)—Welsh News.
 8.45 (Welsh)—Cardiff Ensemble Chamber Concerts.
 9.20 (Regional, N. Ireland)—BBC Theatre Orchestra: Freda Townsend (Contralto).
 9.20 (Midland)—Mercia Stotesbury (Violin); Gloucester Orpheus Society; Reginald New (Organ).
 9.20 (Northern)—Discussion.
 9.20 (Western)—Market Prices.
 9.20 (Scottish)—Gaelic talk.
 9.30 (Western)—Musicabaret.
 9.30 (Welsh)—Talk.
 9.40 (Northern)—BBC Northern Orchestra conducted by Kneale Kelley.
 9.40 (Scottish)—Variety.
 9.50 (Welsh)—Talk.
 10.0 (Welsh)—Sea Stories.
 10.5 (Scottish)—Scottish News.
 10.15 (ex. Northern, Welsh)—Poetry Reading.
 10.30 (ex. Western; Scottish 10.35)—Mantovani's Dance Orchestra.
 10.30 (Scottish)—Sports News.
 11.30 (ex. Western)—News Summary. 11.40-12.0—Records.

Hours of Transmission in British Summer Time.

ATHLONE (Ireland)

565 kc/s (531 m.); 100 kW. Dublin, etc. See Sunday.
 1.30 p.m.—Records. 2.30-3.0—For Schools. 5.30—Quartet in A minor (Schumann), by the Capet String Quartet (Recorded). 6.0—Talk in Irish by Seamus O'Duinn: "An Gaidin." 6.20—Irish History told in Ballads—Mathew O'Mahony, sung by M. O'Higgins. 6.35—Irish News Feature. 6.45—News. 7.0—Irish Rivers—The Liffey, compered by Thomas Cuffe, with the Irish Radio Orchestra. 8.0—Lost Horizons, No. 2—Dr. Nicholas Manserghh.
 8.15—Act 1, "Madame Butterfly" (Puccini) (Records). 9.15—The Latest Films—A Criticism by Michael Farrell. 9.30—Variety. 10.30—News. 11.0—National Anthem.

BARCELONA (EAJ)

(Spain)
 795 kc/s (377.4 m.); 7.5 kW. Transmits at intervals from 9.0 a.m. 10.0 p.m.—Time; News; Records. 11.30—Jazz Records. 12.0 m't.—News (Italian, German, French, Portuguese, Spanish).

BERLIN (Germany)

841 kc/s (356.7 m.); 100 kW. Transmits at intervals from 6.0 a.m. 12.0 noon-1.45 p.m.—See Munich. 2.0—News; Talk; Records; at 3.15—Exchange.
 4.30—Orchestra from Königsberg. 5.30—Topical. 5.50—Poems.
 6.0—Gaden Band. 7.0—Evening Echoes.
 7.15—Light Music—Waldemar Hass Quintet. 8.0—News; Topical.
 8.10—Station Orchestra. Conductor: Willy Steiner. March (Rockstroh). Overture, "Der Erlenhügel" (Kuhlau). Transaktionen-Walzer (Strauss). Ticino Song (Perlo). Lied im Volksmund (Kick-Schmidt). Song (Meisel). Grosstadtromantik (Fischer). Alla Marcia (Scheinpluf).
 9.15—Film Records. 10.0—News; Sports.
 10.35-12.0 m't.—Music from Hamburg.

BEROMÜNSTER

(Switzerland)
 556 kc/s (539.6 m.); 100 kW. Relayed by Basle and Berne, 1,375 kc/s (218.2 m.).
 6.15 a.m.—Gym. 12.0 noon—Songs. 12.29 p.m.—News.
 12.40-1.30—See Monte Ceneri. 4.30—Adventures in Lighthouses and on Lightships; Records.
 5.0—See Sottens.
 6.0 till Close—Programme from Berne. 6.0—Weather; Records. 6.30—Economics. 7.0—Labour Market. 7.15—Records of Swiss Songs. 7.25—League of Nations Report. 7.40—News. 7.55—Jazz.
 8.15—Radio Orchestra. Conductor: Bernhard. 8.25—"Un caprice" (Jean Bard). 9.10—Radio Orchestra. Conductor: Bernhard. 9.45—Minnelieder. 10.10—Talk for the Sleepless. 10.30—News.

BRATISLAVA

(Czechoslovakia)
 1,004 kc/s (298.8 m.); 13.5 kW. Transmits at intervals from 6.45 a.m. 6.0 p.m.—Hungarian Transmission; Talk; Slovak Music—Station Orchestra. Conductor: Schimpil. 6.45—Record. 6.50-7.10—See Prague. 7.10—Orchestra from Kosice. 8.10—Talk.
 8.25—See Brno. 9.55-10.20—See Prague. 10.20—News (Hungarian). 10.35-11.0—Records.

BRESLAU (Germany)

950 kc/s (315.8 m.); 100 kW. Relayed by Gleiwitz, 1,231 kc/s (243.7 m.).
 Transmits at intervals from 5.0 a.m. 12.0 noon-1.45 p.m.—See Munich. 1.45—Music. 2.0—News. 2.10-3.0—Dance Band, Cinema Organ. 3.30—"Doctor Knowall"—Comedy (Dolata).
 4.0—Orchestra; at 5.0—Books. 6.0—Periodicals.
 6.25—See Deutschlandsender. 6.45—Report. 6.55—Programme Notes.
 7.0—Folk-Music by the Station Choir and Orchestra. Conductor: Wirth. Divertimento (Sczuka).
 Choir: (a) O wie so schön und gut, (b) O Amaryllis (Schein), (c) Mit Lust tät ich ausreiten (Senf). Scandinavian Marches (arr. Heyden). Choir: (a) Es jagt ein Jäger wohlgenut (Othmayr), (b) Entlaubet ist der Walde (Senf), (c) Bauernanz (Haussmann). Strassenmusik (Sczuka). 8.0—News.

8.10—"Flieger im Westen"—Play (Gabel). 9.10—Wetter. 9.15—Wenzel (Organ). 10.0—News. 10.15—Topical.
 10.30-11.30—See Hamburg.

BRNO (Czechoslovakia)

922 kc/s (325.4 m.); 32 kW. Transmits at intervals from 6.45 a.m. 4.0 p.m.—Ondra Salon Trio. 4.25—Bezruc Programme from Moravská-Ostrava. 5.0-8.25—See Prague.
 8.25—"The Merry Wooing" (Malút). 9.55-10.20—See Prague.

BRUSSELS (No. 1)

(Belgium)
 620 kc/s (483.9 m.); 15 kW. 6.37-9.0 a.m.—Records; Gym; News. 12.0 noon—Records. 12.30 p.m.—Weather; Shipping. 12.35—Salon Orchestra. 1.0—News. 1.10—Light Orchestral. 1.30—Records. 2.0—Art Notes. 4.55—News.
 5.0—Ella van Praag (Harp) and Nadine Couwenberg (Songs). Aria, "Semiramis" (Rossini). Arabesque (Debussy). La volière magique (Tournier). Songs (Poulenc). Pièce de concert (Büsser).
 5.30—For Children. 6.5—Poems. 6.15—Records; Negro Spirituals. 6.30—Sonata (César Franck) by Marien (Violin) and Saint Pol (Pfte.).
 7.0—Roman Catholic Review; For Workers; Film Review. 7.15—Les beaux jours de Rome (François Mauriac) with Respighi Music. 7.30—News.
 8.0—"The Boulevard Haussmann Crime"—Thriller (Vaxelaire).
 8.45—Radio Orchestra. Conductor: Douliez. Blanche Deligny (Songs). Part I. English Music. Pomp and Circumstance (Elgar). Miniature Overture (Coates). Indian Love Lyrics (Woodford-Finden). Petite suite de concert (Coleridge-Taylor). Part II. French Music. Excerpts, "Véronique" (Messenger), "Lilac Time" (Schubert-Berté). French Operetta Potpourri.
 10.0—News. 10.10—Records. 10.55-11.0—Christus Vincit (Liszt).

BRUSSELS (No. 2)

(Belgium)
 932 kc/s (321.9 m.); 15 kW. Programme in Flemish.
 6.37-9.5 a.m.—Records; Gym; News. 12.0 noon—Records. 12.30 p.m.—Weather. 12.31—Light Orchestral. 1.0—News. 1.10—Salon Orchestra. 1.30—Records. 2.0-2.3—Shipping. 4.55—News. 5.0—Radio Orchestra and Song Records. 5.45—For Children. 6.30—Classical Records. 6.45—Talk by Senator Herman Vos: The International Situation. 7.0—Records: Peer Gynt Suites (Grieg). 7.30—News. 8.0—Cabaret.
 9.0—Orchestra. Conductor: Walpot. Overture, "Chal Romano" (Ketelbey). Records of Jan Kieppura (Tenor). Ballet, "La boutique fantasque" (Rossini-Respighi). Records of Joseph Schmidt (Tenor). Selection, "The Dance of the Dragonflies" (Lehar). Records of Richard Tauber (Tenor). Wildfeuer (Strauss). Perpetuum mobile (Strauss).
 10.0—News. 10.10-11.0—Records.

BUCHAREST (Romania)

823 kc/s (364.5 m.); 12 kW. Relayed by Radio-Romania (Brasov), 160 kc/s (1,875 m.).
 Transmits at intervals from 5.30 a.m. 6.3 p.m.—Records: Light Music. 7.10—Educational.
 7.30—Baikal Balalaika Quartet. 8.5—Emilie Gutziuanu (Songs).
 8.30—Symphony Concert by the Radio Orchestra. Conductor: Rogalski. Vasile Jianu (Flute). -Serenade in A (Brahms). Flute: (a) Concertino (Chaminade), (b) Scherzo (Quensel). Piece (Blumer). Second Symphony (Beethoven); at 9.30—News.
 10.20—Records: Light Music. 10.45—News: (French, German, Romanian).

BUDAPEST (No. 1)

(Hungary)
 546 kc/s (549.5 m.); 120 kW. Transmits at intervals from 6.45 a.m. 12.5 p.m.—Orchestra. 1.30—Strauss Songs sung by Edit Falus. 2.0 (approx.)—Jenő Szántó (Violin). 2.40—News. 3.0—Markets. 3.10—For Women. 4.45—News. 5.0—To be announced. 5.30—Béla Bodics Cigány Band. 6.30—To be announced.

7.0—A Musical Trip on the Italian Lakes—Lecture-Recital with Records. 8.0—Poems.
 8.35—Budapest Concert Orchestra. Conductor Fridl. Suite, Im Herbst (Grieg). Variations on a Hungarian Folk Song (Zádor). Symphonie orientale (Godard). Tales from the Vienna Woods (Strauss). 9.50—News.
 10.15—The Hungarian Harp Ensemble. Harp Quintet (Malipiero). Sonata (Debussy).
 11.5—Sándor Javor Jazz Band. 12.5 a.m. (Wednesday)—News for Hungarians Abroad.

BUDAPEST (No. 2)

(Hungary)
 359.5 kc/s (834.5 m.); 18 kW. 6.0 p.m.—For Farmers. 6.30—News. 7.0—French Lesson. 7.30 p.m.—Talk. 8.0—Records: Violin Concerto in E minor (Mendelssohn). 8.40—News.

COLOGNE (Germany)

658 kc/s (455.9 m.); 100 kW. Transmits at intervals from 5.50 a.m. 12.0 noon—Orchestra. 1.0 p.m.—News.
 1.15—See Munich. 1.45—Music. 2.0—News; Riddles. 2.45 and 3.45—Markets. 4.0—Variety.
 5.0—Orchestra, Instrumental Quartet, Singers, etc.; at 5.45—Books. 7.0—Where are you, Comrade? 7.45—Snapshots. 8.0—News. 8.10—Light Classical Records.
 9.0—"From Grünwald to Rembrandt"—Programme about Old Masters, with Chamber Orchestra, from the Walraff-Richartz Museum. 10.0—News.
 10.30—English Talk.
 10.50-12.0 m't.—Music from Hamburg.

DEUTSCHLANDSENDER

(Germany)
 191 kc/s (1,571 m.); 60 kW. Transmits at intervals from 6.0 a.m. 12.0 noon—See Stuttgart. 1.45 p.m.—News.
 2.0—Variety. 3.0—Exchange; Programme Notes. 3.15—Operetta Records. 3.45—Topical Report.
 4.0—Dobrinde Band; at 5.0—Reading.
 6.0—Contemporary Choral Music by the Station Chamber Choir. Conductor: Gömer. Four Impressions (Reuter). Fragt nicht, klagt nicht! (Preuss). Five Choruses (Metzler).
 6.25—Political Press Review. 6.45—Records of Lawrence Tibbett (Baritone). 6.55—Genealogy.
 7.0—Light Music by the Wolff Band. 8.0—News.
 8.10—Dance Music by the Wolff Band. 9.0—Topical.
 9.15—"When day is done"—Max Mensing. Alf von Sivers, Paul Elbern and Records. 10.0—News.
 10.30—Flute Trio (Quanz).
 11.0-12.0 m't.—Dance Band from Leipzig.

FRANKFURT (Germany)

1,195 kc/s (251 m.); 25 kW. Cassel, etc. See Sunday.
 Transmits at intervals from 6.0 p.m. 12.0 noon-1.45 p.m.—See Munich. 1.45—Music. 2.0—News.
 2.10—Variety from Deutschlandsender. 3.0—Talk; Markets. 3.15-3.45—Sketches.
 4.0—See Königsberg. 6.0—Topical. 7.0—Künneke Concert—Station Orchestra, Munich Station Dance Band, Carla Spletter (Soprano), Marius Andersen (Tenor), Stech (Pfte.). Conductor: Aulich. Fliegerjahre. Pfte. Concerto in A flat. Overture, "Cocur-As." Excerpts, "Nadja." Dance Suite; at 8.0—News.
 9.15—"Der deutsche Genius erlebt Italien"—Sequence (Becker). 10.0—News.
 10.30—See Hamburg.
 12.0 m't.-1.0 a.m. (Wednesday)—Serenade on Records. Overture, "The Corsair" (Berlioz). Pfte. Concerto in B flat minor (Tchaikovsky). Polovtsian Dances, "Prince Igor" (Borodin).

HAMBURG (Germany)

904 kc/s (331.9 m.); 100 kW. Bremen, etc. See Sunday.
 Transmits at intervals from 6.15 a.m. 12.0 noon—Bremen Stadtmusikanten, etc. 1.0 p.m.—Topical. 1.45—Music. 2.0—News; Music. 3.0—Shipping; Markets. 3.25—Saxophone. 4.0—Heinemann Band. In the interval, Books. 5.15—Variety. 6.0—Dialect Sequence with Music. 6.45—Harbour Notes.

TUESDAY (September 28)

7.0—"Reitergeist"—Military Band. 8.0—News.
 8.10—"Prince Louis Ferdinand of Prussia"—Epic (Heuer).
 9.0—Station Orchestra. Conductor: Kruttge. Gebhardt (Pfte.), Hamann Quartet. Quintet in C minor (Prince Louis Ferdinand of Prussia). Pfte. Concerto in C minor (Beethoven). 10.0—News.
 10.30-12.0 m't.—Light and Dance Music—Orchestra, Dance Band.

HILVERSUM (1,875 m.)

(Holland)
 160 kc/s; 10 kW until 5.40 p.m.; 150 kW from 5.40 p.m. AVRO Programme.
 7.40 a.m.—Records; at 9.40—Service. 10.10—Jetty Cantor Orchestra; at 10.40, R.V.U. Talk. 12.10 p.m.—Records. 12.40—Kovacs Lajos Orchestra. 1.25—Records.
 1.40—AVRO Orchestra. Conductor: Treep, van der Woude (Violin). Symphony in G (Haydn). Concerto in E minor (Mendelssohn). Scènes alsaciennes (Massenet).
 2.55—Lyra Trio and Records. 4.10-4.40—Children's Choir. Conductor: Hamel. 4.45—Play for Children.
 5.10—Palla (Organ), Lensky (Violin), Van Zelm (Saxophone). 6.10—R.V.U. Talk. 6.40—AVRO Dance Band. Conductor: Mossel. 7.10—Talk: Currency. 7.40—News.
 7.50—Opera (Spoliensky). AVRO Orchestra. Conductor: Smedes. Cast: Schansman, Bayle, Gerrit Kijk in de Vegte, Djobs Ising and Greetje Burbach. 8.40—Records. 9.10—Play after Spyer (Willink). 9.45—Kovacs Lajos Orchestra. 10.25—News. 10.40—News. 10.50—AVRO Dance Band. Conductor: Mossel. 11.20-11.40—Palla (Organ).

HILVERSUM (301.5 m.)

(Holland)
 995 kc/s; 15 kW until 5.40 p.m.; 60 kW from 5.40 p.m. KRO Programme.
 7.40-8.55 a.m.—Records. 9.40—Records. 11.10—Religious Address. 11.40—Announcements. 11.55—KRO Orchestra. Conductor: van 't Woud; and Records. 1.40—For Women. 2.40—Records.
 3.40—KRO Melodists. Conductor: Lustenhouwer. Klein Jr. (Songs). In the interval, Records. 5.25—Greetings; Talk. 6.0—KRO Melodists. Conductor: Lustenhouwer. Klein Jr. (Songs). 6.40—Announcements; Talks. 7.40—News. 7.55—Lecuona Cuban Boys. 8.40—Talk.
 8.50—KRO Orchestra. Conductor: van 't Woud. Mille de Leeuw (Songs) and Boshart (Pfte). 9.40—Records.
 9.55—Acts IV and V, "Pelléas et Mélisande" (Debussy). Conductor: Monteux. 10.55-11.40—News; Records.

KALUNDBORG (Denmark)

240 kc/s (1,250 m.); 60 kW. Relays Copenhagen, 1,176 kc/s (255.1 m.).
 Transmits at intervals from 7.0 a.m. 12.0 noon-2.0 p.m.—Julian Orchestra.
 2.20—Radio Orchestra. Conductor: Grendahl. Thilde Nathan (Songs). 4.20—For Children. 4.50—Wireless Notes. 5.0—Talk: Harpsichords. 5.25—Weather; Exchange, Markets. 5.50—Songs from the Film, "Maytime." 6.15—Two Mothers discuss Vaccination. 6.35—German Lesson. 7.0—News. 7.30—Science Talk: Food.
 8.0—See Oslo.
 9.0—"In Bacchanalian Mood"—Two-Act Play (Marti-Steinthal). 9.50—Talk: Unemployed Youth. 10.10—News.
 10.30—Bizet Concert. Radio Orchestra. Conductor: Tuxen. Suite, "L'Arlesienne." Excerpts, "Carmen." Andante tranquillo and Allegro vivacissimo from the Roma Suite.
 11.15 p.m.-12.30 a.m. (Wednesday)—Magnussen Dance Band; at 12.0 m't.—Chimes.

KÖNIGSBERG (Heilsberg)

(Germany)
 1,031 kc/s (291 m.); 100 kW. Relayed by Danzig, 1,303 kc/s (230.2 m.).
 Transmits at intervals from 5.0 p.m. 12.0 noon-1.45 p.m.—See Munich. 1.45—Music. 2.0—News; Talk; Music. 2.55—Exchange. 3.30—Talk. 3.40—Fairy Tales and Songs. 4.0—Orchestra. 6.0—Books. 6.10—"Autumn"—Sequence (Hein). 6.35—Topical.
 6.45—Don Cossacks Choir. Conductor: Ledkovsky. Folk Song.

TUESDAY (September 28)

Ukrainian Cossacks' Song (Nisch-tensky). Folk Song (arr. Ledkov-sky). Fantasia on Ukrainian Folk Songs (arr. Davidovsky). Volga Boat Song. Song (Dargomizhsky). Folk Song.

7.10—Serenades for Three Strings (Fuchs and Hösl). 7.45—Topical. 8.0—News.

8.10—"The Pantechnicon at the Door"—Humorous Sketches (Reisner).

9.0—"Musical Mosaic"—Peter Arco and the Börschel Band. 10.0—News. 10.20—Political Press Review.

10.40-12.0 m't.—Music from Hamburg.

LEIPZIG (Germany)

785 kc/s (382.2 m.); 120 kW. Relayed by Dresden, 1,285 kc/s (233.5 m.).

Transmits at intervals from 5.50 a.m. 12.0 noon-1.45 p.m.—See Munich. 1.45—Music. 2.0—News; Records. 3.0—Talk.

3.20—Pfte. Pieces (Zanella, Casella, Debussy) by Franz Wagner. 3.50—Art Notes.

4.0—See Deutschlandsender; at 5.0—Markets. 5.50—Meta Scheele reads. 6.10—Erzgebirge Folk Songs. 6.40—Talk.

7.0—"The Homeland"—Sequence of German Poems and Songs (Pallmann). Leipzig Symphony Orchestra Wind Quartet. Station Choir, etc. 7.50—Topical. 8.0—News.

8.10—Military Festival from Mühlhausen for Conscripts who have completed their Term of Service—Band, etc.

9.0—Sibelius Concert by the Leipzig Symphony Orchestra. Conductor: Weisbach. Lemmin-kainens' Homecoming. First Symphony.

10.0—News. 10.20—Science. 10.30-12.0 m't.—Fricke Dance Band.

LILLE (Radio PTT Nord)

(France)

1,213 kc/s (247.3 m.); 60 kW. Transmits at intervals from 6.30 a.m. 5.0 p.m.—See Strasbourg. 5.45—Legal Talk. 5.55—Record.

6.0—Liszt Pfte. Recital by Maurice Amour. 6.30—Educational. 7.0—News. 7.35—For Workers. 7.50—Aimé Grimont (Songs). 8.0—Jazz, with Dehette and Duchêne. 8.30—"La femme X"—Play (Bisson), from Limoges (PTT).

10.30-10.55—See Paris (PTT).

LYONS (PTT) (France)

648 kc/s (463 m.); 100 kW. Transmits at intervals from 6.30 a.m. 5.45 p.m.—Dumont (Violin), Mme Goutagny (Soprano). Prelude and allegro (Pugnani-Kreisler). Songs (Schubert): (a) Heidenröslein, (b) Die Forelle. Variations on a Corelli Theme (Tartini). Waltz (Brahms). La fille aux cheveux de lin (Debussy). Excerpts, "Le Roi d'Yvetot" (Ibert). Mandoline (Debussy). Caprice viennois (Kreisler). Le printemps (Milhaud). Dance, "La vida breve" (Fallá).

6.30—Educational. 7.0—News. 7.35—For Workers. 7.50—Records. 8.0—Radio Gazette. 8.7—Review. 8.15—Art Notes. 8.22—Talk. 8.30—See Paris (Eiffel Tower). 10.30-10.55—See Paris (PTT).

MONTE CENERI

(Switzerland)

1,167 kc/s (257.1 m.); 15 kW. 12.0 noon—Announcements; Records. 12.29 p.m.—News.

12.40—"Four Musketeers" and Orchestra. 1.20—Records. 1.30—Cookery.

5.0-6.0—See Sottens. 7.44—News. 7.55—Records; Dances.

8.30—Radio Orchestra. Conductor: Herschel. Berthe de Vigier (Soprano). Rhapsody (Brahms). Songs (Brahms, Wolf). Overture, "Le trame deluse" (Cimarosa). Folk Songs. Suite (Aubert). 9.30-10.0—Song Records.

MUNICH (Germany)

740 kc/s (405.4 m.); 100 kW. Relayed by Nürnberg, 1,267 kc/s (236.8 m.).

Transmits at intervals from 6.0 a.m. 12.0 noon—Orchestra. 1.0 p.m.—News.

1.15—Orchestra. 1.45—News. 2.0—See Deutschlandsender. 3.0-3.20—Song Duets. 4.0—Records. 4.40—Talk.

5.0—Orchestra, etc., from Augsburg. Conductor: Schmidt-Bresten. 6.35—Markets. 6.50—Anniversaries. 7.0—Records. 8.0—News.

8.10—"Preciosa" (Weber-Kuhnert). Station Choir and Orchestra, etc. Conductor: List.

9.40—Beckerath ("Cello), Staab (Pfte.). Theme (Raffael-Angles). Adagio and Allegro (Boccherini). Romance (Reger). Old Spanish Dance. 10.0—News.

10.20-12.0 m't.—Light and Dance Music—Augsburg Dance Band, etc.

OSLO (Norway)

260 kc/s (1,153.8 m.); 60 kW. Fredrikstad, etc. See Sunday.

Transmits at intervals from 11.10 a.m. 5.0 p.m.—Valborg Andersen (Songs). Strand (Saxophone) and Records. 6.20—For Women. 6.50—News. 7.30—Time; Medical Talk.

8.0—Third Scandinavian Concert—Norwegian Music. Oslo Philharmonic. Conductor: Grüner-Hegge. Norwegian Students' Choir. Conductor: Thorkildsen. Suite, Lucretia (Saeverud). Songs (a) Barcarolle (Kjerulf), (b) Badnat (Grieg), (c) Attenroster (Svendsen), (d) Heliga toner (Groven), (e) Gamle Grendi (Monrad-Johansen), (f) Hirdil's kvædja (Treit). Passacaglia (Jensen).

9.0—Talk. 9.15—Finnish Love Songs by Mme Oiva Soini. 9.40—News. 10.0—Topical. 10.15—Bergen Radio Orchestra.

PARIS (Eiffel Tower)

(France)

1,456 kc/s (206 m.); 7 kW. Transmits at intervals from 11.35 a.m. 5.0 p.m.—See Strasbourg.

5.45—See Lyons (PTT). 6.30—Educational.

7.0—See Paris (PTT). 7.35—For Workers. 7.50—Records. 8.0—Television.

8.30—"Les belles rencontres du passé": The First Société Nationale Concert—Rugel Choir and Station Troupe; "La quinzaine sonore" (Constantin-Brive), produced by Paul Castan.

PARIS (Poste Parisien)

(France)

959 kc/s (312.8 m.); 60 kW. Transmits at intervals from 7.10 a.m. 12.0 noon—Exchange. 12.5 p.m.—Opera Records. 12.15—Records of Danièle Darrieux and Mingand. 12.35—Exchange. 12.39—Records. 2.0, 3.45, 4.35—Exchange. 5.0—News.

5.5—Records: The Eroica Symphony (Beethoven). 6.0—News; Exchange. 6.10—Religious Programme. 6.20—Records.

6.35—Records: Sonata in C minor (Grieg) by Rachmaninoff (Pfte.) and Kreisler (Violin). 6.58—News. 7.15—Records. 7.45—Exotic Music—Duarte Trio. 8.0—News. 8.15—Music-Hall. 8.45—"La bonne histoire." 9.0—News.

9.10—"Jadis était une Provinciale"—Françoise de Chateaubriant"—Historical Play (Karquel-Tirard). 9.55—News. 10.10—Symphony Records. 10.30-11.0—From the Schéhérazade.

PARIS (PTT) (France)

695 kc/s (431.7 m.); 120 kW. Transmits at intervals from 6.30 a.m. 5.0 p.m.—Light Orchestral. Conductor: Gras. 6.30—Music Talk. 6.45—Records: Kol Nidrei (Bruch), with Casals ("Cello). 7.0—News. 8.0 Variety.

8.30 (also for Alpes-Grenoble (PTT) and Marseilles (PTT)). Symphony Concert by the National Orchestra. Conductor: Rosenthal. Moyses (Flute). Suite in B minor (Bach). Flute Concerto in G (Mozart). Ballet de cour (Gétry). Masques et bergamasques (Faure). Flute Concertino (Chaminade). Six Swedish Dances (Inghelbrecht). 10.30—News.

10.45-10.55—Records: Rondo in A minor (Mozart) by Paderewski (Pfte.).

PARIS (Radio-Paris)

(France)

182 kc/s (1,648 m.); 80 kW. Time Signals at 7.15 a.m., 12.30 p.m. and 8.30 p.m.

6.50 a.m.—Records. 7.0—Gym. 7.15—Records. 7.30—News; Press Review. 8.0-8.30—Records. 10.15—Records. 10.30—Records. 11.55—Talk.

12.0 noon—Light Orchestral. Conductor: Ellis; at 12.15 p.m.—Talk. 1.15—Germaine Féraldy (Songs). 1.30—News. 1.45—Light Orchestral (contd.). 2.0—Records. 2.15—Marie Tager (Songs). 2.30—"Les jeux de l'amour et de la conférence"—One-Act Play (Coolus). 3.0—Reading. 3.15—Talk: Balzac. 3.30—Reading. 3.45—Lucille Telly

(Songs). 4.0—Talk. 4.15—Talk. 4.30—Folklore. 4.45—Dariel (Songs).

5.0—Light Music by the Derveaux Orchestra. Overture, "Raymond" (Thomass). Künstlerleben (Strauss). Farandole (Dubois). Habanera (Chabrier). Suite, "La fête chez Thérèse" (Hahn). Canzonetta (Filippucci). Selection, "Bouche à bouche" (Yvain). Salut à la mariée (Rosey).

6.0—Talk: Plutarch. 6.15—Aviation. 6.30—Dramatic Programme.



Jean Sibelius, a programme of whose music, including his first Symphony, will be broadcast from Leipzig at 9 p.m.

7.0—Sonata (Haydn) by Michelin ("Cello). 7.15—Exhibition News. 7.30—Christiane Senart (Pfte.). Andante (Bach). Allegro (Ph. E. Bach). L'Égyptienne (Rameau). Tourbillon (Rameau). Les petits moulins à vent (Couperin le Grand).

8.0—Politics. 8.10—Foreign Affairs. 8.15—Reading.

8.30—"The French Song from 1850 to the Present Day"—M. A. de Minou. 9.0—See Rome; at 9.30—News.

PRAGUE (Czechoslovakia)

638 kc/s (470.2 m.); 120 kW. Transmits at intervals from 6.45 a.m. 3.30 p.m.—Part of the Mass of St. Wenceslas from St. Vitus' Cathedral, Prague.

4.0—Concert from the Castle Courtyard, Litomyšl. "Sequence 5.0"—St. Wenceslas (Rosulek); Music by Tvrdy and Trojan. FOC Orchestra. Conductor: Pekárek. Children's and Male Voice Choirs. Stepanova (Mezzo-Soprano), Leiss (Tenor) (Recorded).

5.35—German Transmission: "The Taming of the Shrew" (Shakespeare). 6.50—News and Review (German). 7.0—News. 7.10—Military Band. Conductor: Pesta. 7.35—St. Wenceslas"—Folk Songs. 7.50—Band (contd.). 8.10—Talk: King Wenceslas.

8.25—See Brno. 9.55—Record. 10.0—News. 10.15—News (German).

RADIO-NORMANDIE

(France)

1,113 kc/s (269.5 m.); 15 kW. 6.45 a.m.—Band. 7.0—Chansonnettes. 7.15—News; Press Review. 7.45—Physical Exercises. 8.0—Records. 8.15—John and Jane. 8.30—Records. 8.45—Light Music. 8.50—Popular Songs. 9.0—Light Music. 10.0—Records. 10.30—Popular Music. 11.0—Chansonnettes.

12.0 noon—Concert. 2.0—Light Music. 2.30—Exhibition News. 2.45—Records. 3.0—Olivier Kimball. 3.15—Records. 3.30—Cigány Band. 4.15—Light Music. 5.15—For Children. 5.30—Records. 6.0—For Children. 6.45—Talk; News. 7.0—Orchestra. 7.20—Chansonnettes. 7.50—News. 8.5—Records of Willy Maury and his Company. 8.20—Variety. 8.40—Records of Messier and his Fatinitza Orchestra. 9.0—Concert. 11.0—Cabaret. 11.45—News. 12.0 m't.—Midnight Melodies. 12.30-1.0 a.m. (Wednesday)—Dance Music.

ROME (Italy)

713 kc/s (420.8 m.); 50 kW. Naples, etc. See Sunday.

Transmits at intervals from 7.45 a.m. 5.0 p.m.—News. 5.15—Dance Music. 5.50—Weather. 5.55-6.0—Morse. 6.50—Dopolavoro Notes. 7.0—Talk (English); News; Music.

7.53—News in Foreign Languages. 8.10—Time; News. 8.30—Talk. 9.0—"Primavera fiorentina" (Pedrollo); Cast: Emilio Ghirardini, Blando Giusti, Bruno Sbalchieri, Andrea Havas, Piero Pauli, Emilica Vera, Edmea Limberti, Dina Fiumana, Angela Rositani, Maria Meloni, Nino Mazzotti, Enzo Aita, Tito Gobbi. "Notturmo romantico" (Pick Mangiagalli). Cast: Piero Pauli, Pia Tassinari, Maria Benedetti, Saturno Meletti, Romano Rasponi. In the interval—Talk. 11.0 (approx.)—News (English). 11.15-11.50—Dance Music.

SOTTENS (Switzerland)

677 kc/s (443.1 m.); 100 kW. Relayed by Geneva, 401 kc/s (748 m.).

12.30 p.m.—News.

12.40-1.30—See Monte Ceneri.

5.0—Radio Suisse romande Orchestra. Conductor: Haug. Patrie (Bizet). Valse triste (Sibelius). Ballet, "Coppelia" (Delibes). Le har Potpourri (Hruby).

6.0—Literature.

6.20—French Music for Children. Radio Suisse romande Orchestra. Conductor: Appia. Petite suite (Bizet). Le petit elfe Ferme-pail (Florent Schmitt). Dolly (Faure). Children's Songs (Inghelbrecht).

7.0—Talk. 7.10—Lessons from History. 7.20—Medical Hints. 7.30—Music. 7.45—News.

8.0—Soirée de chansons—Edith Burger and René Bersin and Company.

9.0—Second Symphony (Beethoven) by the Radio Suisse romande Orchestra. Conductor: Haug.

9.30—"Le Gendarme est sans pitié"—One-Act Play (Courteline) by the "Deux Masques" Players.

10.0—French Opera Music by the Radio Suisse romande Orchestra. Conductor: Appia. Selection, "La Poupee" (Audran), "Mam-zelle Nitouche" (Herve), "La fille de Madame Angot" (Lecocq).

10.30-10.50—League of Nations Report.

STOCKHOLM (Sweden)

704 kc/s (426.1 m.); 55 kW. Motala, etc. See Sunday.

Transmits at intervals from 7.20 a.m. 5.5 p.m.—For Girls.

5.30—Breden (Alto Flute), Ingrid Kjellström (Harpischord). 5.45—Reading: Cook and the North Pole (Sir Philip Gibbs). 6.15—Records. 7.15—News. 7.30—Talk.

8.0—See Oslo.

9.0—Cabaret. 9.45—News. 10.0—Foreign Affairs.

10.20-11.0—Berlin Philharmonic String Quartet. Quartet (Graener). Posthumous String Quartet Movement (Schubert).

STRASBOURG (France)

859 kc/s (349.2 m.); 100 kW. Transmits at intervals from 6.30 a.m. 5.0 p.m.—Station Orchestra. Conductor: Bour.

5.45—Talk: Isabelle Eberhardt. 6.0—Records. 6.30—Educational. 7.0—Topical. 7.35—Economics. 7.50—News. 8.0—News (German). 8.15—Records.

8.30—"Die schöne Mullerin," to Wilhelm Müller Text (Schubert-Tomas). 10.30—News. 10.55—News (German).

STUTTGART (Germany)

574 kc/s (522.6 m.); 100 kW. Transmits at intervals from 5.0 a.m. 12.0 noon—Orchestra.

2.0-3.0 p.m.—See Deutschlandsender.

4.0—See Königsberg. 6.0—Topical. 7.0—"Instrumental Contest"—Records. 8.0—News.

8.10—"As you like it"—Musical Sketch Book. 9.15—"Breviary for the Lonely"—Sequence (Schneider). 10.0—News. 10.20—Political Press Review.

10.40—Old Chamber Music by Marta Braun (Mezzo-Soprano), Minholz (Violin), Schneider ("Cello), Kreutz (Harpischord), Faiss (Guitar).

11.0—Music from Hamburg. 12.0 m't.—1.0 a.m. (Wednesday)—See Frankfurt.

TOULOUSE (Radio-Toulouse) (France)

913 kc/s (328.6 m.); 60 kW. Transmits at intervals from 8.0 a.m. 6.0 p.m.—Tangos. 6.15—Orchestra. 6.40—Film Music. 6.55—News; Sports.

7.15—Opera Music. Excerpts, "Faust" (Gounod), "William Tell" (Rossini), "The Barber of Seville" (Rossini).

7.45—Light Music. 8.0—Orchestra.

8.30—Excerpts, "Lakmé" (Delibes). 8.45—Dance Music. 9.15—"Croisière jaune"—Fantasy. 9.30—Marches. 10.0—News. 10.15—Italian Songs.

10.30—"Romances d'amour"—Fantasy. 10.45—Argentine Orchestra. 11.0—Chansonnettes. 11.15—Cuban Orchestra. 11.35—Light Music. 11.50—News.

TURIN (No. 1) (Italy)

1,140 kc/s (263.2 m.); 7 kW. Milan (No. 1), etc. See Sunday.

Transmits at intervals from 7.45 a.m. 5.0 p.m.—News. 5.15-5.50—Capsoni (Violin). 6.50—Dopolavoro Notes. 7.0—Radio Orchestra. Conductor: Salerno. 7.40—News in Foreign Languages. 8.10—Time; News. 8.30—Talk.

9.0—Band. Conductor: Marchesini. Overture, "The Siege of Corinth" (Rossini). The Blue Danube (Strauss). Girotondo dei fanciulli (Carabella). Pastorale and Toccata (Somma). Overture, "The Force of Destiny" (Verdi) (In the interval—Talk).

10.15 (approx.)—Singers of the Roman Basilica Choirs. Conductor: Antonelli. Cantantibus organici (Marenzio). I vaghi fior (Palestrina). Signor che in ciel (Perosi). Neve non tocca (Perosi). Canzonetta (Vecchi). Oremus pro Pontifice (Antonelli). Psalm (Boezi). Alleluiah, "The Messiah" (Handel).

11.0—News. 11.15—Dance Music.

VIENNA (Austria)

592 kc/s (506.8 m.); 100 kW. Graz, etc. See Sunday.

Transmits at intervals from 6.45 a.m. 4.5 p.m.—Light Music by the Station Orchestra. 5.0—Handwork.

5.30—Dance Songs by Lucie Manén (Soprano). German Dance Song (Hassler). Venetian Dance Song. Chanson à danser. Minuet (Gluck). Ländler (Schubert). Mazurka (Chopin). Bolero (Rossini). Dance Suite, "Coppelia" (Delibes). Waltz (Leoncavallo). Polka (Strauss).

6.0—Genealogy. 6.25—Talk: The Cameroons. 6.45—Talk: Maternity Welfare. 7.0—News. 7.10—From Workshop and Office.

7.40—Love Songs and Songs of the Open Road by the Vienna State Opera Quartet. Führich (Pfte.). Marching Song (Lang-Führich). Tango (Schroder-Führich). Der frohe Wandersmann (Mendelssohn). Foxtrot (Hajos-Meisel-Führich). Marching Song (Stolz-Führich). Tausend bunte Blümlein (Roland-Führich). Folk-Song (arr. Kremser). Almenrausch und Edelweiss (Altmann-Führich). Wanderschaft (Zöllner). Waltz Song (Abraham-Führich). Foxtrot (Erwin-Führich). Sag' zum Abschied leise Servus (Kreuder-Führich). Marching Song (Beccer-Führich). Jedes kleine Mädel wartet auf Liebe (Rust-Führich).

8.15—Gerta Hammerschmid and Schindler (Guitar Duo), and Winkelbauer (Accordion). Polonaise (Kolar). Excerpt, "Abu Hassan" (Weber). Gavotte allegria (Munier). Tango (Rezzano). In a Persian Market (Ketelbey). Paso doble (Bitelli). Argentinian Waltz (Pörschmann). Harlequin (Kletsch). 8.40—Reading.

9.5—A Literary Pilgrimage through Vienna—Houses of Famous Authors. 10.10—News.

10.20-11.30—Records of Famous Artists; at 10.55-11.0, Announcements.

WARSAW (Poland)

224 kc/s (1,339 m.); 120 kW. Cracow, etc. See Sunday.

Transmits at intervals from 6.15 a.m. 12.3 p.m.—News. 12.15—Farmers' Letter-Box. 12.25-1.0—Light Orchestral. 3.45—Industrial News. 4.0—For Children. 4.20—Songs. 4.45—Reading.

5.0 (from Torun)—Warsaw Philharmonic. Conductor: Oziminski. Suite from The Nutcracker (Tchaikovsky). Ballet, "Le Cid" (Massenet). Sailors' Dance, "The Flying Dutchman" (Wagner). 5.50—Tourist Talk. 6.0—Industrial Notes. 6.10—Programme Notes. 6.15—Records. 6.50—Topical. 7.0 (from Poznan)—Sketch.

7.15—Karjus ("Cello). Air (Bach). Concerto in D (Vivaldi). Elegy (Faure). Sonata (Francoeur). 7.50—Sports.

8.0—Wilno Station Orchestra and the Dan Choir of Warsaw; at 8.45—News. 9.45—Story. 10.0 (from Cracow)—Chamber Music Ensemble and Mikuszewski (Violin). Suite in B minor for Flute and Quintet (Bach). Violin Concerto (Mozart). 10.50-11.0—News.

Sept. 29 WEDNESDAY

3 p.m.
HAMBURG, Shipping; Markets. 3.25—Cello (Beethoven, Boccherini, Granados). **HILVERSUM** (301.5 m.), 3.10—Soprano, Tenor, Pfte., Records.
LEIPZIG, Talk. 3.20—Songs and Dances for Children.
MUNICH, 3.0-3.25—From Franconia to the Waterkant—Topical Reports.
PARIS (PTT), Variety Concert for the Blind.
RADIO-PARIS, 3.30—Songs. 3.45—Cello.

4 p.m.
COLOGNE, 4.30—Orchestra, Violin.
DEUTSCHLANDSENDER, BRESLAU and STUTTGART, Orchestra.
FRANKFURT, Light Orchestral.
HAMBURG, Bands; Reports.
HILVERSUM (301.5 m.), Soprano, etc. (cont'd.). 4.25—Greetings; for Children.
LEIPZIG, Wind Band.
MUNICH, Songs and Instrumental. 4.40—Foreign Affairs.
PARIS (PTT), Reading. 4.15—Talks. **PRAGUE**, 4.35—Chamber Music.
RADIO-PARIS, 4.15—Talk. 4.30—Songs. 4.45—Record. 4.50—Science.
VIENNA, 4.5—Records.
WARSAW, 4.15—Choir, Wind Instrument Ensemble. 4.45—Talk.

5 p.m.
ATHLONE, 5.30—Orchestra, Tenor.
BERLIN, Romantic Music. 5.40—Report. **BEROMÜNSTER** and **SOTTENS**, Beethoven Chamber Music. 5.35—Songs. 5.50—Records. **BRUSSELS (1)**, Records. **BUDAPEST (1)**, 5.25—Chopin Etudes.
COLOGNE, Talk; Orchestra; Violin.
DEUTSCHLANDSENDER, BRESLAU and STUTTGART, Story; Orchestra.
FRANKFURT, Light Orchestral.
HAMBURG, Bands; Reports.
HILVERSUM (1,875 m.), 5.10—Organ. 5.40—The Lucky Birds. **HILVERSUM** (301.5 m.), For Children. 5.25—Records; Talks.
LEIPZIG, News. 5.10—Marches and Songs.
MUNICH, Band.
OSLO, Orchestra.
PARIS (PTT), Records; at 5.15—Reading. 5.40—Talks.
PRAGUE, Chamber Music. 5.10—Talks.
RADIO-PARIS, Derveaux Orchestra. **ROME**, News. 6.15—Contemporary Italian Music.
STOCKHOLM, 5.5—Light Music. 5.45—Songs.
TURIN, News. 5.15—Dance Music.
VIENNA, Records. 5.15—Talks. 5.45—Heller and Herried Music.
WARSAW, Songs, Violin. 5.50—Talk.

6 p.m.
ATHLONE, Orchestra, Tenor. 6.20—Dialogues. 6.35—News.
BERLIN, Orchestra. **BEROMÜNSTER**, For Children. 6.30—Talk. **BRESLAU**, Sketch. 6.20—Books. 6.30—Sequence from "Das Schatzkästlein" (Hebel). 6.50—Notes. **BRUSSELS (1)**, Talk. 6.15—Operetta Music. **BRUSSELS (2)**, Records. 6.45—Talk. **BUCHAR-EST and RADIO-ROMANIA**, 6.3—Romanian and Dance Music. **BUDAPEST (1)**, To be announced. 6.20—Violin. 6.55—Talk.
COLOGNE, Accounts of the Early Struggles of the Nazi Party. 6.45—Records.
DEUTSCHLANDSENDER, Songs. 6.25—Records. 6.45—Report.
FRANKFURT, Talks.
HAMBURG, Talks; at 6.15—Records. **HILVERSUM** (1,875 m.), The Lucky Birds. 6.10—Records; Talk. 6.40—Choir. **HILVERSUM** (301.5 m.), Talks; News.
KÖNIGSBERG, 6.30—Records. 6.50—News.
LEIPZIG, Marches and Songs. 6.10—Literature. 6.40—Talk.
MUNICH, Band. 6.30—Talks.
OSLO, German. 6.25—For Boys. 6.50—News.
PARIS (PTT), Chamber Music. 6.30—Lalo Records. **PRAGUE**, 6.5—German Talks and News; Record.
RADIO-PARIS, Reading. 6.15—

Humour. 6.30—Talks. **ROME**, and **TURIN**, 6.50—Talk.
SOTTENS, For Young People. 6.45—Interlude. **STOCKHOLM**, The Roving Microphone. 6.15—Records. **STRASBOURG**, 6.30—Orchestra, Cello. **STUTTGART**, Talks.
TOULOUSE, Light Music. 6.55—News.
VIENNA, Music (cont'd.). 6.20—Talks.
WARSAW, Talks and Records.

7 p.m.
ATHLONE, Pfte. 7.20—Programme from an Excavation. 7.40—"Robin Hood and Allan-a-Dale"—Cantata.
BERLIN, Echoes. 7.15—Records: Light Music. **BEROMÜNSTER**, Notes. 7.15—Accordions. 7.45—News. **BRESLAU**, "A Radio Expedition to the Caucasus"—Sequence. **BRUSSELS (1)**, Orchestra. 7.15—Reviews. 7.30—News. **BRUSSELS (2)**, Songs. 7.30—Report. **BUCHAR-EST and RADIO-ROMANIA**, Music (cont'd.). 7.30—Educational. 7.50—Records. **BUDAPEST (1)**, Talk. 7.20—Records.

8 p.m.
ATHLONE, Cantata (cont'd.). 8.35—Broadcasting Party.
BERLIN, News. 8.10—Viennese

Music. Orchestra and Choir. Prudentia Olbrich and Thiele (Pftes.). **BEROMÜNSTER**, Report. 8.40—Contemporary Sacred Music. **BRUSSELS (1)**, I.N.R. Symphony Concert. Conductor: Sir Adrian Boult (Brahms, Schubert, Bax, Vaughan Williams). **BRUSSELS (2)**, Variety Concert. 8.45—Recitations. **BUCHAR-EST and RADIO-ROMANIA**, Records. 8.35—Pfte. **BUDAPEST (1)**, Records. 8.20—Talk. 8.40—Cigány Band.
COLOGNE, News. 8.10—Westphalian Evening.
DEUTSCHLANDSENDER, News. 8.10—Beethoven Music—Berlin Philharmonic Wind Ensemble and Narath (Pfte.).
EIFFEL TOWER, 8.30—"L'Homicide"—Play (Ruth).
FRANKFURT and BRESLAU, News. 8.10—Music (cont'd.).
HAMBURG, News. 8.10—Station Choir and Orchestra: In the interval, Sketch. **HILVERSUM** (1,875 m.), Records. 8.10—Play. 8.55—VARA Orchestra. **HILVERSUM** (301.5 m.), Choir; Records; at 8.40—Talk.

9 p.m.
ATHLONE, Broadcasting Party (cont'd.). 9.30—Variety.
BERLIN, Viennese Music (cont'd.).

PRINCIPAL EVENTS

SYMPHONY CONCERTS
8.0 Brussels 1: Sir Adrian Boult.
8.0 Regional: Promenade—Brahms.
8.0 Prague: Szymanowski's Third.
8.35 Stockholm: Brahms No. 1.

LIGHT CONCERTS
12.0 Kalundborg: Restaurant orchestra.
12.25 Hilversum (1,875 m.): VARA Orch.
5.0 Radio-Paris: Derveaux Orchestra.
6.15 Brussels 1: Operetta music.
7.0 Frankfurt, etc.: Opera music.
7.30 Stockholm: Choral concert.
7.40 Athlone: Cantata.
8.0 Brussels 2: Variety concert.
8.10 Leipzig: Concert from Jena.
8.55 Hilversum (1,875 m.): Orchestra.
9.0 Oslo: Conductor, Hugo Kramm.
9.45 Beromünster: Serenade.
10.5 Kalundborg: Popular orchestral.
10.15 Oslo: Opera Music.
10.40 Munich: Light and dance music.

OPERAS
7.25 Vienna: "Luise Miller" (Verdi).
7.55 Strasbourg, etc.: "Lohengrin" (from Paris Opéra).
8.30 Radio-Paris: "Béatrice" (Messenger).

COLOGNE, Records. 7.45—Snapshot.
DEUTSCHLANDSENDER, Orchestra.
FRANKFURT and STUTTGART, Opera, and Light Music.
HAMBURG, Walter Niemann plays his own Pfte. Music. 7.45—Topical. **HILVERSUM** (1,875 m.), Choir. 7.10—Talk. 7.40—News; Records. **HILVERSUM** (301.5 m.), Report. 7.40—News. 7.55—Choir.
KALUNDBORG, News. 7.30—Talk. **KÖNIGSBERG**, Chamber Music. 7.45—Topical.
LEIPZIG, Orchestra, Violins.
MUNICH, Marches.
OSLO, Notes. 7.40—Reading. 7.50—Ballads.
PARIS (PTT), News. **POSTE PARISIEN**, News. 7.10—Records. 7.45—Review.
PRAGUE, News. 7.25—To be announced.
RADIO-NORMANDIE, Chansonnettes. 7.50—News. **RADIO-PARIS**, The Couperin Family—Pauline Aubert (Harpisichord). 7.30—Songs. 7.45—Chopin Music. **ROME**, Talk (German); Notes; Light Music. 7.53—News in Foreign Languages.
SOTTENS, Talk. 7.20—Interlude. 7.25—Micro-Magazine. 7.50—News. **STOCKHOLM**, Poems. 7.15—News. 7.30—De Svenska Choir. **STRASBOURG**, "Lohengrin" (Wagner) from the Opera, Paris.
TOULOUSE, News. 7.15—Light Music. **TURIN**, Orchestra. 7.40—News in Foreign Languages.
VIENNA, News. 7.25—"Luise Miller" (Verdi).
WARSAW, Records. 7.50—Sports.

COLOGNE, Programme from Store Restrup. **KÖNIGSBERG**, News. 8.10—Farewell Concert to the Reservists.
LEIPZIG, News. 8.10—A Jena Kaleidoscope—Orchestra, etc.
LILLE, 8.30—Concert from Liéven.
MONTE CENERI, 8.30—"Ingeborg"—Play (Goetz). **MUNICH**, News. 8.10—Variety.
OSLO, Ballads. 8.30—Talk.
PARIS (PTT), Variety. 8.30—"La veillé au retour de l'exposition"—Radio Fantasy (Danjou).
POSTE PARISIEN, News. 8.10—Colette. 8.15—Simone describes her Holidays. 8.45—Talk: La bonne histoire.
PRAGUE, Symphony Concert. Conductor: Jirak.
RADIO-NORMANDIE, Light Music and Variety. **RADIO-PARIS**, Politics. 8.15—For Young People. 8.30—Excerpts, "Beatrice" (Messenger), with Marguerite Soyser in the Title Role. **ROME**, News (cont'd.). 8.30—Notes.
SOTTENS, Orchestra. 8.30—"Le Client sérieux"—Comedy (Courteline). **STOCKHOLM**, 8.5—Talk. 8.35—First Symphony (Brahms), by the Stockholm Concert Orchestra. Guest Conductor: Fritz Busch. **STRASBOURG**, "Lohengrin" (cont'd.).
STUTTGART, News. 8.15—"Anno dazumal"—Play with Music (Schmitzhenner).
TOULOUSE, Variety. **TURIN**, News (cont'd.). 8.30—Notes. 8.40—Orchestra.
VIENNA, "Luise Miller" (cont'd.).
WARSAW, Orchestra and Choir. 8.45—News.

ATHLONE, Cantata (cont'd.). 8.35—Broadcasting Party.
BERLIN, News. 8.10—Viennese

ATHLONE, Cantata (cont'd.). 8.35—Broadcasting Party.
BERLIN, News. 8.10—Viennese

ATHLONE, Cantata (cont'd.). 8.35—Broadcasting Party.
BERLIN, News. 8.10—Viennese

ATHLONE, Cantata (cont'd.). 8.35—Broadcasting Party.
BERLIN, News. 8.10—Viennese

ATHLONE, Cantata (cont'd.). 8.35—Broadcasting Party.
BERLIN, News. 8.10—Viennese

OPERETTA
9.0 Turin: "The Gipsy Princess" (Kálmán).

CHAMBER MUSIC
8.10 Deutschlandsender: Trio, quintet.
8.40 Beromünster: Contemporary sacred music.

9.0 Kalundborg: Chamber orchestra.
9.15 Stuttgart: Trio, serenade (Beethoven).
9.30 Paris (PTT): Songs, Trio (Schumann).
10.5 Budapest 1: Quartet (Beethoven).

RECITALS
5.10 Hilversum (1,875 m.): Organ.
7.0 Brussels 2: Arias and songs.
7.0 Hamburg: Walter Niemann (pfte.).
9.0 Warsaw: Chopin.
9.55 Hilversum (301.5 m.): Violin, pfte.

PLAYS
8.30 Eiffel Tower, Lyons: "L'Homicide" (Ruth).
8.30 Sottens: "Le Client sérieux."

TALK
6.15 Lille (PTT), Rennes: In English.
LAST NEWS BULLETINS, see Monday

DANCE MUSIC
9.30 Breslau; 10.0, Sottens, Stockholm, Warsaw; 10.10, Brussels 1; 10.20, Leipzig, Vienna; 10.30, Breslau, etc.; Poste Parisien, Regional; 11.0, Kalundborg, National; 11.15, Turin.

KALUNDBORG, Programme from Store Restrup. **KÖNIGSBERG**, News. 8.10—Farewell Concert to the Reservists.
LEIPZIG, News. 8.10—A Jena Kaleidoscope—Orchestra, etc.
LILLE, 8.30—Concert from Liéven.
MONTE CENERI, 8.30—"Ingeborg"—Play (Goetz). **MUNICH**, News. 8.10—Variety.
OSLO, Ballads. 8.30—Talk.
PARIS (PTT), Variety. 8.30—"La veillé au retour de l'exposition"—Radio Fantasy (Danjou).
POSTE PARISIEN, News. 8.10—Colette. 8.15—Simone describes her Holidays. 8.45—Talk: La bonne histoire.
PRAGUE, Symphony Concert. Conductor: Jirak.
RADIO-NORMANDIE, Light Music and Variety. **RADIO-PARIS**, Politics. 8.15—For Young People. 8.30—Excerpts, "Beatrice" (Messenger), with Marguerite Soyser in the Title Role. **ROME**, News (cont'd.). 8.30—Notes.
SOTTENS, Orchestra. 8.30—"Le Client sérieux"—Comedy (Courteline). **STOCKHOLM**, 8.5—Talk. 8.35—First Symphony (Brahms), by the Stockholm Concert Orchestra. Guest Conductor: Fritz Busch. **STRASBOURG**, "Lohengrin" (cont'd.).
STUTTGART, News. 8.15—"Anno dazumal"—Play with Music (Schmitzhenner).
TOULOUSE, Variety. **TURIN**, News (cont'd.). 8.30—Notes. 8.40—Orchestra.
VIENNA, "Luise Miller" (cont'd.).
WARSAW, Orchestra and Choir. 8.45—News.

KALUNDBORG, Programme from Store Restrup. **KÖNIGSBERG**, News. 8.10—Farewell Concert to the Reservists.
LEIPZIG, News. 8.10—A Jena Kaleidoscope—Orchestra, etc.
LILLE, 8.30—Concert from Liéven.
MONTE CENERI, 8.30—"Ingeborg"—Play (Goetz). **MUNICH**, News. 8.10—Variety.
OSLO, Ballads. 8.30—Talk.
PARIS (PTT), Variety. 8.30—"La veillé au retour de l'exposition"—Radio Fantasy (Danjou).
POSTE PARISIEN, News. 8.10—Colette. 8.15—Simone describes her Holidays. 8.45—Talk: La bonne histoire.
PRAGUE, Symphony Concert. Conductor: Jirak.
RADIO-NORMANDIE, Light Music and Variety. **RADIO-PARIS**, Politics. 8.15—For Young People. 8.30—Excerpts, "Beatrice" (Messenger), with Marguerite Soyser in the Title Role. **ROME**, News (cont'd.). 8.30—Notes.
SOTTENS, Orchestra. 8.30—"Le Client sérieux"—Comedy (Courteline). **STOCKHOLM**, 8.5—Talk. 8.35—First Symphony (Brahms), by the Stockholm Concert Orchestra. Guest Conductor: Fritz Busch. **STRASBOURG**, "Lohengrin" (cont'd.).
STUTTGART, News. 8.15—"Anno dazumal"—Play with Music (Schmitzhenner).
TOULOUSE, Variety. **TURIN**, News (cont'd.). 8.30—Notes. 8.40—Orchestra.
VIENNA, "Luise Miller" (cont'd.).
WARSAW, Orchestra and Choir. 8.45—News.

KALUNDBORG, Programme from Store Restrup. **KÖNIGSBERG**, News. 8.10—Farewell Concert to the Reservists.
LEIPZIG, News. 8.10—A Jena Kaleidoscope—Orchestra, etc.
LILLE, 8.30—Concert from Liéven.
MONTE CENERI, 8.30—"Ingeborg"—Play (Goetz). **MUNICH**, News. 8.10—Variety.
OSLO, Ballads. 8.30—Talk.
PARIS (PTT), Variety. 8.30—"La veillé au retour de l'exposition"—Radio Fantasy (Danjou).
POSTE PARISIEN, News. 8.10—Colette. 8.15—Simone describes her Holidays. 8.45—Talk: La bonne histoire.
PRAGUE, Symphony Concert. Conductor: Jirak.
RADIO-NORMANDIE, Light Music and Variety. **RADIO-PARIS**, Politics. 8.15—For Young People. 8.30—Excerpts, "Beatrice" (Messenger), with Marguerite Soyser in the Title Role. **ROME**, News (cont'd.). 8.30—Notes.
SOTTENS, Orchestra. 8.30—"Le Client sérieux"—Comedy (Courteline). **STOCKHOLM**, 8.5—Talk. 8.35—First Symphony (Brahms), by the Stockholm Concert Orchestra. Guest Conductor: Fritz Busch. **STRASBOURG**, "Lohengrin" (cont'd.).
STUTTGART, News. 8.15—"Anno dazumal"—Play with Music (Schmitzhenner).
TOULOUSE, Variety. **TURIN**, News (cont'd.). 8.30—Notes. 8.40—Orchestra.
VIENNA, "Luise Miller" (cont'd.).
WARSAW, Orchestra and Choir. 8.45—News.

KALUNDBORG, Programme from Store Restrup. **KÖNIGSBERG**, News. 8.10—Farewell Concert to the Reservists.
LEIPZIG, News. 8.10—A Jena Kaleidoscope—Orchestra, etc.
LILLE, 8.30—Concert from Liéven.
MONTE CENERI, 8.30—"Ingeborg"—Play (Goetz). **MUNICH**, News. 8.10—Variety.
OSLO, Ballads. 8.30—Talk.
PARIS (PTT), Variety. 8.30—"La veillé au retour de l'exposition"—Radio Fantasy (Danjou).
POSTE PARISIEN, News. 8.10—Colette. 8.15—Simone describes her Holidays. 8.45—Talk: La bonne histoire.
PRAGUE, Symphony Concert. Conductor: Jirak.
RADIO-NORMANDIE, Light Music and Variety. **RADIO-PARIS**, Politics. 8.15—For Young People. 8.30—Excerpts, "Beatrice" (Messenger), with Marguerite Soyser in the Title Role. **ROME**, News (cont'd.). 8.30—Notes.
SOTTENS, Orchestra. 8.30—"Le Client sérieux"—Comedy (Courteline). **STOCKHOLM**, 8.5—Talk. 8.35—First Symphony (Brahms), by the Stockholm Concert Orchestra. Guest Conductor: Fritz Busch. **STRASBOURG**, "Lohengrin" (cont'd.).
STUTTGART, News. 8.15—"Anno dazumal"—Play with Music (Schmitzhenner).
TOULOUSE, Variety. **TURIN**, News (cont'd.). 8.30—Notes. 8.40—Orchestra.
VIENNA, "Luise Miller" (cont'd.).
WARSAW, Orchestra and Choir. 8.45—News.

KALUNDBORG, Programme from Store Restrup. **KÖNIGSBERG**, News. 8.10—Farewell Concert to the Reservists.
LEIPZIG, News. 8.10—A Jena Kaleidoscope—Orchestra, etc.
LILLE, 8.30—Concert from Liéven.
MONTE CENERI, 8.30—"Ingeborg"—Play (Goetz). **MUNICH**, News. 8.10—Variety.
OSLO, Ballads. 8.30—Talk.
PARIS (PTT), Variety. 8.30—"La veillé au retour de l'exposition"—Radio Fantasy (Danjou).
POSTE PARISIEN, News. 8.10—Colette. 8.15—Simone describes her Holidays. 8.45—Talk: La bonne histoire.
PRAGUE, Symphony Concert. Conductor: Jirak.
RADIO-NORMANDIE, Light Music and Variety. **RADIO-PARIS**, Politics. 8.15—For Young People. 8.30—Excerpts, "Beatrice" (Messenger), with Marguerite Soyser in the Title Role. **ROME**, News (cont'd.). 8.30—Notes.
SOTTENS, Orchestra. 8.30—"Le Client sérieux"—Comedy (Courteline). **STOCKHOLM**, 8.5—Talk. 8.35—First Symphony (Brahms), by the Stockholm Concert Orchestra. Guest Conductor: Fritz Busch. **STRASBOURG**, "Lohengrin" (cont'd.).
STUTTGART, News. 8.15—"Anno dazumal"—Play with Music (Schmitzhenner).
TOULOUSE, Variety. **TURIN**, News (cont'd.). 8.30—Notes. 8.40—Orchestra.
VIENNA, "Luise Miller" (cont'd.).
WARSAW, Orchestra and Choir. 8.45—News.

KALUNDBORG, Programme from Store Restrup. **KÖNIGSBERG**, News. 8.10—Farewell Concert to the Reservists.
LEIPZIG, News. 8.10—A Jena Kaleidoscope—Orchestra, etc.
LILLE, 8.30—Concert from Liéven.
MONTE CENERI, 8.30—"Ingeborg"—Play (Goetz). **MUNICH**, News. 8.10—Variety.
OSLO, Ballads. 8.30—Talk.
PARIS (PTT), Variety. 8.30—"La veillé au retour de l'exposition"—Radio Fantasy (Danjou).
POSTE PARISIEN, News. 8.10—Colette. 8.15—Simone describes her Holidays. 8.45—Talk: La bonne histoire.
PRAGUE, Symphony Concert. Conductor: Jirak.
RADIO-NORMANDIE, Light Music and Variety. **RADIO-PARIS**, Politics. 8.15—For Young People. 8.30—Excerpts, "Beatrice" (Messenger), with Marguerite Soyser in the Title Role. **ROME**, News (cont'd.). 8.30—Notes.
SOTTENS, Orchestra. 8.30—"Le Client sérieux"—Comedy (Courteline). **STOCKHOLM**, 8.5—Talk. 8.35—First Symphony (Brahms), by the Stockholm Concert Orchestra. Guest Conductor: Fritz Busch. **STRASBOURG**, "Lohengrin" (cont'd.).
STUTTGART, News. 8.15—"Anno dazumal"—Play with Music (Schmitzhenner).
TOULOUSE, Variety. **TURIN**, News (cont'd.). 8.30—Notes. 8.40—Orchestra.
VIENNA, "Luise Miller" (cont'd.).
WARSAW, Orchestra and Choir. 8.45—News.

10 p.m.

ATHLONE, Variety. 10.30—News.
BARCELONA, 10.30—Play.
BEROMÜNSTER, Orchestra. 10.15—Report. 10.25—News.
BRESLAU and BERLIN, News. 10.15—Interlude. 10.30—Dance Band, etc. (cont'd.). 10.15—English. 10.35—Music.
BRUSSELS (1), News. 10.10—Dance Records. **BRUSSELS (2)**, News. 10.10—Records. **BUCHAR-EST and RADIO-ROMANIA**, Salon Orchestra. **BUDAPEST (1)**, 10.5—Quartet in A minor (Beethoven). 10.40—Orchestra.
COLOGNE, News. 10.30—What is Belcanto?—Programme with Maestro Scolari.
DEUTSCHLANDSENDER, News. 10.35—Episoden (Reger) by Hilde Sander (Pfte.).
FRANKFURT, News. 10.20—Comrade, where are you? 10.30—Light Music and Dance Music.
HAMBURG, News. 10.20—See Munich. 10.40—Dance Music from Breslau. **HILVERSUM** (1,875 m.), Talk. 10.10—VARA Orchestra. 10.40—Records. **HILVERSUM** (301.5 m.), Violin, Pfte. (cont'd.). 10.25—Gym. 10.40—Records.

KALUNDBORG, 10.5—Orchestra. (Weber, Strauss, Dvořák, Saint-Saëns, etc.). **KÖNIGSBERG**, News. 10.20—Pfte. Trio in B flat (Schubert)—Ninke Trio. 10.45—Dance Music from Breslau.
LEIPZIG, News. 10.20—Dance Band. **LILLE**, Concert (cont'd.). 10.30—News.
MUNICH, News. 10.20—Foreign Affairs (Recorded). 10.40—Music from Frankfurt.
OSLO, Talk. 10.15—Opera Music. **PARIS (PTT)**, Schumann Chamber Music (cont'd.). 10.30—U.S.A. Bulletin. 10.45—Scarlati Records. **POSTE PARISIEN**, News. 10.10—Sketch. 10.30—Dance Records.
RADIO-NORMANDIE, Singers, etc. (cont'd.). **RADIO-PARIS**, "Beatrice" (Messenger) (cont'd.). 10.30—Records. 10.45—News. **ROME**, Band. 10.45—Dance Music.
SOTTENS, Hot Jazz. **STOCKHOLM**, Dance Band. "Lohengrin" (cont'd.). **STUTTGART**, News. 10.15—Hilde Keefer-Bluthardt (Soprano). 10.30—Records: Light Music and Dance Music.
TOULOUSE, News. 10.15—Light Music. **TURIN**, "The Gipsy Princess" (Kálmán) (cont'd.).
VIENNA, Luisa Miller (cont'd.). 10.10—News. 10.20—Dance Music.
WARSAW, Dance Band. 10.50—News.

11 p.m.

BARCELONA, Play (cont'd.). 11.30—Jazz Records. **BRESLAU and MOST GERMAN STATIONS**, Dance Band etc. (cont'd.). **BUDAPEST (1)**, News (French); Orchestra.
FRANKFURT, DEUTSCHLANDSENDER and MUNICH, Music (cont'd.).
HILVERSUM (1,875 m.), Records. **HILVERSUM** (301.5 m.), Records; Bible Reading.
KALUNDBORG, Dance Band.
LEIPZIG, Dance Band.
PRAGUE, News (French).
RADIO-NORMANDIE, Singers, etc. (cont'd.). 11.45—News. **ROME**, News. 11.15—News (English). 11.30—Dance Music.
STRASBOURG, "Lohengrin" (cont'd.). 11.50—News (French, German). **STUTTGART**, Records (cont'd.).
TOULOUSE, Light Music. 11.50—News. **TURIN**, News. 11.15—Dance Music.
VIENNA, Dance Music.

ATHLONE, Cantata (cont'd.). 8.35—Broadcasting Party.
BERLIN, News. 8.10—Viennese

ATHLONE, Cantata (cont'd.). 8.35—Broadcasting Party.
BERLIN, News. 8.10—Viennese

ATHLONE, Cantata (cont'd.). 8.35—Broadcasting Party.
BERLIN, News. 8.10—Viennese

ATHLONE, Cantata (cont'd.). 8.35—Broadcasting Party.
BERLIN, News. 8.10—Viennese

ATHLONE, Cantata (cont'd.). 8.35—Broadcasting Party.
BERLIN, News. 8.10—Viennese

ATHLONE, Cantata (cont'd.). 8.35—Broadcasting Party.
BERLIN, News. 8.10—Viennese

ATHLONE, Cantata (cont'd.). 8.35—Broadcasting Party.
BERLIN, News. 8.10—Viennese

ATHLONE, Cantata (cont'd.). 8.35—Broadcasting Party.
BERLIN, News. 8.10—Viennese

ATHLONE, Cantata (cont'd.). 8.35—Broadcasting Party.
BERLIN, News. 8.10—Viennese

12 midnight

BARCELONA, News (Italian, German, French, Portuguese, Spanish).
KALUNDBORG, Dance Band.
RADIO-NORMANDIE, Melodies, 12.30—Dance Music.
STUTTGART and FRANKFURT, Orchestra, Pfte.

ATHLONE, Cantata (cont'd.). 8.35—Broadcasting Party.
BERLIN, News. 8.10—Viennese

9 p.m.

ATHLONE, Broadcasting Party (cont'd.). 9.30—Variety.
BERLIN, Viennese Music (cont'd.).

ATHLONE, Broadcasting Party (cont'd.). 9.30—Variety.
BERLIN, Viennese Music (cont'd.).

ATHLONE, Broadcasting Party (cont'd.). 9.30—Variety.
BERLIN, Viennese Music (cont'd.).

WEDNESDAY (Sept. 29)

NATIONAL

For Time Signals, see Monday. 10.15 a.m. (D)—Service. 10.30 (D)—Weather Forecast. 10.45 (D)—Cinema Organ. 11.15 (D)—Records. 11.30 (D)—For Schools. 11.45 (D)—BBC Scottish Orchestra: Phyllis Graves (Soprano). 12.45 p.m. (D)—Dunlop Works Band: Mona Cartwright (Soprano). 1.30 (D)—John MacArthur Quintet. 2.0 (D)—Records. 3.30 (D)—Records. 3.45 (D)—Children, from the point of view of a mother. 4.0 (D)—Evensong from St. Paul's Cathedral. 4.50 (D)—Records. 5.0—Ben Oakley's Orchestra. 6.0—The First News. 6.20—Farming To-day: The Rt. Hon. W. S. Morrison, M.C., Minister of Agriculture and Fisheries. 6.40—Fred Hartley's Sextet. 7.20—Yella Pessl (Harpischord). 7.40—Background to Sport. 8.0—Star-Gazing—Huntley Wright. 9.0—Eddie Carroll and his Music. 9.40—The Third News. 10.0—"The Company of Heaven," by R. Ellis Roberts. Robert Speaight, Felix Aymer, Leo Genn, Sophie Wyss, Peter Pears. 10.45—Reading. 11.0—Frank Dailey and his Band. 11.30-12.0—Harry Evans and his Orchestra.

REGIONAL

For Time Signals, see Monday. 10.15-10.45 a.m. (ex. Western; Welsh 10.30)—National. 10.15 (Welsh)—Welsh Service. 10.45 (ex. Western, Scottish)—The letters of Charles Lamb. 10.45 (Western, Scottish)—National. 11.5 (ex. Western, Scottish; Welsh 11.25)—Cinema Orchestra. 11.5 (Welsh)—For Schools in Wales. 11.45 (ex. Western, Scottish)—Records. 12.20 p.m. (ex. Western, Scottish)—The Karl Caylus Players. 12.50 (ex. Western, Scottish)—Talk. 1.15 (ex. Western, Scottish)—G. D. Cunningham (Organ). 1.45 (ex. Western, Scottish)—The Poets. 2.0 (ex. Western, Scottish)—Theatre Orchestra. 2.0 (Scottish)—For Schools. 3.0 (ex. Western, Scottish)—Far and Near. 3.15 (ex. Western, Scottish)—Dorothy Wilson (Pfte.). 3.30 (Western, Scottish)—National. 3.45 (ex. Western, Scottish)—BBC Welsh Orchestra. 4.30 (ex. Western, Scottish)—Jan Berenska and his Orchestra. 5.0 (ex. Western)—Children's Hour. 5.0 (Western)—National. 6.0 (ex. Western, N. Ireland)—Mantovani and his Tipica Orchestra. 6.0 (N. Ireland)—E. H. Emery (Organ). 6.35 (N. Ireland)—Ballad Concert. 6.40 (Regional, Northern, Welsh)—BBC Northern Orchestra. 6.40 (Midland)—Muriel Tooke (violin); Harry Stanier ('Cello); George Barrett (flute); Richard Walthew (clarinet). 6.40 (Scottish)—The Royal and Ancient Golf Club of St. Andrews: H.R.H. The Duke of Kent plays himself in as Captain. 6.50 (Scottish)—Variety. 7.20 (ex. Western)—Regional Announcements. 7.30 (ex. Western)—Second News. 8.0 (ex. Western)—Promenade Concert from Queen's Hall, London: Brahms: Egon Petri (Pfte.); BBC Symphony Orchestra, conducted by Sir Henry J. Wood: Allegro molto (Serenade No. 1, in D); Pfte. Concerto No. 2, in B flat; Symphony No. 4, in E minor). 8.0 (Western)—Talk. 8.55 (Western)—Variety. 9.40 (ex. Midland, Welsh, Scottish)—BBC Military Band: BBC Singers (A). 9.40 (Midland)—Jan Berenska and his Orchestra. 9.40 (Welsh)—Variety. 9.40 (Scottish)—Scottish Dances. 10.10 (Scottish)—Roving Commission. 10.25 (Scottish)—Sports News. 10.30 (ex. Western)—Harry Evans and his Band. 11.0 (ex. Western)—Frank Dailey and his Band, from America. 11.30 (ex. Western)—News Summary. 11.40-12.0 (ex. Western)—Records.

Hours of Transmission in British Summer Time.

ATHLONE (Ireland)

565 kc/s (531 m.); 100 kW. Dublin, etc. See Sunday. 1.30 p.m.—Records. 2.30-3.0—For Schools. 5.30—Irish Radio Orchestra and J. C. Bowen (Tenor), Overture, "Poet and Peasant" (Suppe). Plantation and Canadian Songs (Retford). Venetian Scenes (Jacobi). 6.20—Northern Dialogues—The Matchmaker, by M. J. Murphy. 6.35—Irish News Feature. 6.45—News, 7.0—Dina Copeman (Pfte.). 7.20—The Earth speaks—Programme from an Excavation in Progress by Professor Sean O'Riordan. 7.40—"Robin Hood and Allan-a-Dale," Cantata, Nan Mulligan's Choir and Irish Radio Orchestra. 8.35—Broadcasting Party from the International Hotel, Greystones, Co. Wicklow, presented by Jack Rich. 9.30—Variety. 10.30—News. 11.0—National Anthem.

BARCELONA (EAJ1)

(Spain) 795 kc/s (377.4 m.); 7.5 kW. Transmits at intervals from 9.0 a.m. 10.0 p.m.—Time; News; Records. 10.30—Play. 11.30—Jazz Records. 12.0 m't.—News (Italian, German, French, Portuguese, Spanish).

BERLIN (Germany)

841 kc/s (356.7 m.); 100 kW. Transmits at intervals from 6.0 a.m. 12.0 noon—See Stuttgart. 2.0—News. 2.15—Waldemar Hass Quintet. 3.15—Markets. 3.35-4.0—Records. 4.30—Story. 4.50—Books. 5.0—Romantic Music (Goetz, Grieg, Schumann). 5.40—Report: Old Berlin Houses. 6.0—Station Orchestra, Willy Steiner (Violin). 7.0—Evening Echoes. 7.15—Records: Light Music. 8.0—News. 8.10—Viennese Music. Station Orchestra and Choir, Conductor: Weigel. Prudentia Olbrich and Thiele (Pftes.). Overture, "Light Cavalry" (Suppe). Excerpt, "The Gipsy Baron" (Strauss). Tales from the Vienna Woods (Strauss). Tritsch-Tratsch Polka (Strauss). Waltz, So war's in Wien (Muh). Pieces (Strauss): (a) The Blue Danube, (b) Leichtes Blut, (c) Frühlingstimmen, (d) Radetzky March. 9.10—"Nature in Music"—Station Orchestra, Conductor: Weigel. In Meeressturm dem Tag entgegen (Kämpf). In the Steppes of Central Asia (Borodin). Musikalische Bilder (Volkmann). Night on the Bare Mountain (Mussorgsky). 10.0—News. 10.30-12.0 m't.—See Breslau.

BEROMÜNSTER

(Switzerland) 556 kc/s (539.6 m.); 100 kW. Relayed by Basle and Berne, 1,375 kc/s (218.2 m.). 6.15-6.35 a.m.—Gym. 12.0 noon—Orchestra. 12.30 p.m.—News. 12.40-1.30—Opera Music. 4.30—For Women. 4.45—Records. 5.0—Beethoven Chamber Music. 5.35—Songs. 5.50—Orchestral Records. 6.0—For Children. 6.30—Talk. 7.0—Announcements. 7.15—Accordion. 7.45—News. 7.55—Music. 8.0—Report from a Swiss Motor-Tyre Factory. 8.40—Contemporary Sacred Music from Basle Münster. 9.45—Orchestral Serenade. 10.15—Tourist Report. 10.25-10.30—News.

BRATISLAVA

(Czechoslovakia) 1,004 kc/s (298.8 m.); 13.5 kW. Transmits at intervals from 6.30 a.m. 6.0 p.m.—Hungarian Transmission: Talk; Hebrew Melodies (Joachim) by Kiowski ('Cello) and Macudzinski (Pfte.); Sports. 6.45-7.25—See Prague. 7.25—Station Orchestra. Guest Conductor: Folprecht. 8.20—"Socrates"—Play (Matura), with Music by Moyzes, from Kosice. 9.0-10.15—See Prague. 10.15—News (Hungarian). 10.30-11.0—Records.

BRESLAU (Germany)

950 kc/s (315.8 m.); 100 kW. Relayed by Gleiwitz, 1,231 kc/s (243.7 m.). Transmits at intervals from 5.0 a.m. 12.0 noon—Orchestra. 2.0—News; Records. 3.30—For Children.

4.0—See Deutschlandsender; at 5.0—Dialect Story. 6.0—Sketch. 6.20—Book Review. 6.30—Reading from "Das Schatzkästlein" (Hebel). 6.50—Announcements. 7.0 (from Gleiwitz)—"A Radio Expedition to the Caucasus"—Sequence (Wollny), with the Station Players. 8.0—News. 8.10—See Frankfurt. 9.10—Motto. 9.15—Sound News. 9.30—Melody and Rhythm—Station Dance Band, Arcari Mandoline Quartet, Freundorfer (Zither), Hellhoff (Comedian). 10.0—News. 10.15—Interlude. 10.30-12.0 m't.—Dance Band, etc. (contid.).

BRNO (Czechoslovakia)

922 kc/s (325.4 m.); 32 kW. Transmits at intervals from 6.30 a.m. 5.40 p.m.—German Transmission: Folk Play in Dialect. 6.15—News. 6.20—Stories. 6.35—For Workers. 6.45-10.35—See Prague. 10.35-11.0—Music.

BRUSSELS (No. 1)

(Belgium) 620 kc/s (483.9 m.); 15 kW. 6.37-9.5 a.m.—Records; Gym; News. 12.0 noon—Records. 12.30 p.m.—Weather; Shipping. 12.35—Light Orchestra. 1.0—News. 1.10—Salon Orchestra. 1.30—Wagner Records. 2.0—Art Notes. 4.55—News. 5.0—Records. 6.0—Talk. 6.15—Opera Music. 7.15—For Ex-Servicemen; Sports; Motoring Report. 7.30—News. 8.0—I.N.R. Symphony Concert. Conductor: Sir Adrian Boult. Festival Overture (Brahms). Fifth Symphony (Schubert). Tintagel (Bax). Job (Vaughan Williams); at 9.0-9.15—Poems. 10.0—News. 10.10-11.0—Dance Records.

BRUSSELS (No. 2)

(Belgium) 932 kc/s (321.9 m.); 15 kW. Programme in Flemish. 6.37-9.5 a.m.—Records; Gym; News. 12.0 noon—Records; Opera Arias. 12.31 p.m.—Dances by the Salon Orchestra. 1.0—News. 1.10—Light Orchestra. 1.30—Records. 2.0-2.3—Shipping. 4.55—News. 5.0—For Youth. 6.0—Records. 6.45—Talk. 7.0—Nadine Hollevoet (Songs). 7.30—Tourist Report. 8.0—Variety Concert with the Salon Orchestra, Benders Dance Band, etc. 8.45—Recitations. 9.0—Variety Concert (contid.). 10.0—News. 10.10-11.0—Records. Part I, Prokofiev Pfte. Music played by the Composer. Visions fugitives. Granny's Talk. Gavotte. Etude. Paysage. Andante. Gavotte. Part II. Pfte. Concerto (Françaix) by the Composer and Orchestra.

BUCHAREST (Romania)

823 kc/s (364.5 m.); 12 kW. Relayed by Radio-Romania (Brasov), 160 kc/s (1,875 m.). Transmits at intervals from 5.30 a.m. 6.3 p.m. Romanian Folk Music and Dance Music by the Motzozi Orchestra. 7.30—Educational. 7.50—Instrumental Records. 8.35—Madeleine Cocorasco (Pfte.). 9.10—Georges Stefanovici (Songs). 9.30—Sports Notes; News. 9.45—Radio Salon Orchestra. Conductor: Bobesco. 10.45—News (French, German, Romanian).

BUDAPEST (No. 1)

(Hungary) 546 kc/s (549.5 m.); 120 kW. Transmits at intervals from 6.45 a.m. 12.5 p.m.—Lakatos Cigany Band. 1.30—Light Music. 2.40—News. 3.0—Markets. 4.15—For Schools. 4.45—News. 5.0—To be announced. 5.25—Chopin Etudes by Ily Wescher (Pfte.). 6.0—To be announced. 6.20—Gasperek (Violin). 6.55—Talk. 7.20—Records. 8.20—Talk. 8.40—Magyari Cigany Band. News in the interval. 10.5—Quartet in A minor (Beethoven) by the Melles String Quartet. 10.40—Orchestra. Conductor: Müller. Overture "Les Dragons de Villars" (Maillart). Münchener Walzer (Komzák). Peer Gynt Suite (Grieg). Harvest Festival (Dohnányi). Hungarian Potpourri (Garami). Viennese Song (Pécsi); at 11.0 (approx.)—News (French). 12.5 a.m. (Thursday)—News.

BUDAPEST (No. 2)

(Hungary) 359.5 kc/s (834.5 m.); 18 kW. 6.20 p.m.—Italian Lesson. 7.30—Talk. 8.0—News. 8.25—Cigany Band. 9.25—Records.

COLOGNE (Germany)

658 kc/s (455.9 m.); 100 kW. Transmits at intervals from 5.50 a.m. 12.0 noon—Orchestra. 1.0 p.m.—News. 1.15—See Stuttgart. 2.0—News. 2.15—Variety from Deutschlandsender. 3.0-3.30—For Children. 3.45—Industrial News. 4.0—Genealogy. 4.30—Orchestra; at 5.0—Dialect Talk. 6.0—Prize Accounts of the Early Struggles of the Nazi Party. 6.45—Records. Overture, "Die Feisenmühle" (Reissiger). Ballet, "Faust" (Gounod). Aria "Don Giovanni" (Mozart). Waltz, Wo die Zitronen blühen (Strauss). Excerpts, "I Pagliacci" (Leoncavallo). Overture, "Euryanthe" (Weber). Excerpt, "Undine" (Lortzing). Overture, "Der Waffenschmied" (Lortzing). 7.45—Snapshot. 8.0—News. 8.10—A Westphalian Evening from Dortmund. 10.0—News. 10.30—"What is Belcanto?"—Programme with Maestro Scolari. 11.5-12.0 m't.—Dance Music from Breslau.

DEUTSCHLANDSENDER

(Germany) 191 kc/s (1,571 m.); 60 kW. Transmits at intervals from 6.0 a.m. 12.0 noon—See Leipzig. 1.0—Greetings. 1.15—Orchestra from Breslau. 1.45—News. 2.0—Variety. 3.0—Announcements. 3.45—Talk. 4.5—Station Orchestra; at 5.0—A Story. 6.0—Charlotte Dahmen-Chao and Dittmer (Songs). Part I: Wolf. Füsse, Der Feuerreiter, Der Rattenfänger. Part II: Richard Strauss. Die Georgine, Seitdem dein Aug' in meines schaute, Geduld. 6.25—Records. 6.45—Report: Workers' Playing Fields. 7.0—Station Orchestra, Conductor: Dobrindt. 8.0—News. 8.10—Beethoven Music by the Berlin Philharmonic Wind Ensemble and Narath (Pfte.). Trio in G. Quintet in E flat. 9.0—Monthly Political Review (Recorded). 9.20—"At Close of Day"—Light Music, and "Farewell to the Summer Villa"—Sequence (Neubert). 10.0—News. 10.20—Sports Report: Finland. 10.35-10.45—Episoden (Reger), by Hilde Sander (Pfte.). 11.0-12.0 m't.—Music from Frankfurt.

FRANKFURT (Germany)

1,195 kc/s (251 m.); 25 kW. Cassel, etc. See Sunday. Transmits at intervals from 6.0 a.m. 12.0 noon—See Stuttgart. 2.0—News; Records. 3.0-3.15—Industrial News. 4.0—Orchestra. 6.0—Opera and Light Music. Orchestras. Sabel (Tenor), Tilde Hoffmann (Contralto), Blume (Folk-Songs to the Lute). Excerpts, "Carmen" (Bizet). The Flight of the Bumble-Bee (Rimsky-Korsakov). Excerpts, "Die toten Augen" (d'Albert), and "Eugene Onegin" (Tchaikovsky). Waltz and Serenade (Dvořák). Excerpts, "Der Waffenschmied" (Lortzing). 8.0—News. 8.10—Opera, Operetta and Light Music (contid.). Rosemarie (Löns-Blume). Excerpts, "Marielu" (Raymond). Phantasie-Walzer (Blumer). Song, "Die Fledermaus" (Strauss). Intermezzo (Fischer). Two Folk-Songs to the Lute (Kürten-Blume). German Folk-Song Fantasia (Blumer). Two Folk-Songs to the Lute (Blume). March Potpourri (Kochmann). 9.15—Variety Concert from Wiesbaden. Municipal Orchestra. Conductor: Schalk. Margarethe Slezak (Soprano), Leiseifer (Tenor), Bobula (Accordion), etc. 10.0—News. 10.20—Comrade, where are you? 10.30—Light and Dance Music. 12.0 m't.—1.0 a.m. (Thursday)—See Stuttgart.

HAMBURG (Germany)

904 kc/s (331.9 m.); 100 kW. Bremen, etc. See Sunday. Transmits at intervals from 6.15 a.m. 12.0 noon—Orchestra. 1.5—Topical. 1.15—See Stuttgart. 2.0—News; Records. 3.0—Shipping. 3.15—

Markets. 3.25—Beckerath ('Cello). 4.0—Bands. 6.0—Talk. 6.15—Orchestral Records. 6.40—Talk. 6.50—Shipping. 7.0—Walter Niemann plays his own Pfte. Music. Variations on Lilliburlero, an Irish Folk Melody arranged by Purcell. Die Alten Holländer—Twelve Pictures after 17th-Century Paintings. Chaconne. Old Low-German Folk Dances. 7.45—Topical. 8.0—News. 8.10—Station Choir and Orchestra. In the interval, "Farewell to the Summer Villa"—Sketch (Neubert). 10.0—News. 10.20—See Munich. 10.40-12.0 m't.—Dance Music from Breslau.

HILVERSUM (1,875 m.)

(Holland) 160 kc/s; 10 kW until 5.40 p.m.; 150 kW from 5.40 p.m. VERA Programme. 7.40 a.m.—Records. 9.10—Talk. 9.40—VPRO Religious Programme. 10.0—Talk; Records. 11.10—For the Unemployed. 11.40—Jong (Organ). 12.10 p.m.—Records. 12.25-1.25—VARA Orchestra. Conductor: de Groot. 1.40—Dress-making. 2.10—For Women. 2.40—For Children. 5.10—Jong (Organ). 5.40—The Lucky Birds. Conductor: Vogel. 6.10—Records; Talk. 6.40—Choir. Conductor: Tiggers. 7.10—VPRO Talk. 7.40—News; Records. 8.10—Play. 8.55—VARA Orchestra. Conductor: de Groot. 9.40—News; Talk. 10.10—VARA Orchestra (contid.). 10.40-11.40—Records.

HILVERSUM (301.5 m.)

(Holland) 995 kc/s; 15 kW until 5.40 p.m.; 60 kW from 5.40 p.m. NCRV Programme. 7.40 a.m.—Bible Reading; Meditation; Records: Sacred Music. 8.10—Records; at 9.10—Greetings. 10.10—Religious Programme. 10.40—Van der Horst Ensemble; at 11.40—Announcements; Records. 1.10 p.m.—Gray (Organ). 2.10—Records. 2.40—Bible Reading. 3.10—Mille Blok (Soprano), Schipper (Tenor) and Mme Mulder-Loewer (Pfte.). In the interval, Records. 4.25—Greetings; For Children. 5.25—Records; Talks; News; Report. 7.40—News. 7.55—Almelo Male Voice Choir. Conductor: de Rook. In the intervals, Records; at 8.40—Talk. 9.40—News. 9.55—Hekster (Violin) and Mme Stodel-Kinsberger (Pfte.). 10.25—Gym. 10.40-11.40—Records; Bible Reading.

KALUNDBORG (Denmark)

240 kc/s (1,250 m.); 160 kW. Relays Copenhagen 9, 176 kc/s (225.1 m.). Transmits at intervals from 7.0 a.m. 12.0 noon-2.0 p.m.—Brink Orchestra. 2.50—Radio Orchestra. Conductor: Tuxen; at 3.35—Reading. 4.50—Announcements. 5.0—Pictures from Iceland. 5.25—Weather. 5.40—Exchange; Markets. 5.50—Records. 6.15—Report from a Youth Camp. 6.35—French Lesson. 7.0—News. 7.30—Talk for the Fourth Centenary of Copenhagen University: The Medical Faculty. 8.0—Programme from Store Restrup. 9.0—Funen Chamber Orchestra. Conductor: Andersen. Viggio Pedersen (Pfte.). Concerto grosso in F (Handel). Concerto in D minor (Bach). Concerto in A minor (Vivaldi-Nachez). 9.45—News. 10.5-11.0—Radio Orchestra. Conductor: Grøndahl. Overture, "Euryanthe" (Weber). Wine, Woman, and Song (Strauss). Slav Dances (Dvořák). Le rouet d'Omphale (Saint-Saëns). "Selection," "Madame Butterfly" (Puccini). Russian Dance (Tchaikovsky). 11.0 p.m.—12.30 a.m. (Thursday)—Julian Dance Band; at 12.0 m't.—Chimes.

KÖNIGSBERG (Heilsberg)

(Germany) 1,031 kc/s (291 m.); 100 kW. Relayed by Danzig, 1,303 kc/s (230.2 m.). Transmits at intervals from 5.0 a.m. 12.0 noon—See Stuttgart. 2.0—News; Talk; Records. 2.55-3.0—Exchange. 3.30—Hints. 3.40—Dialect Songs and Stories. 4.0—Orchestra; at 4.40-5.0—See Munich. 6.0—Talk. 6.10—Reports from Labour Service Camps. 6.30—Records. 6.50—News.

7.0—Heti Böhnke (Soprano), Egert (Baritone), Günther (Violin), Grossmann (Pfte.). Songs (Grieg). Violin: (a) Romance (Svendsen), (b) Romance (Ries), (c) Schmetterling (Günther). Song Cycle: Das Wunder am Meer (Brust). 7.45—Topical. 8.0—News. 8.10—"Parole ist Heimat"—Reserve hat Ruh"—Farewell Concert to the Reservists. Military Band and Soldiers' Choir. 10.0—News. 10.20—Pfte. Trio in B flat (Schubert) by the Ninke-Trio. 10.45-12.0 m't.—Dance Music from Breslau.

LEIPZIG (Germany) 785 kc/s (382.2 m.); 120 kW. Relayed by Dresden, 1,285 kc/s (233.5 m.). Transmits at intervals from 5.50 a.m. 12.0 noon—Orchestra. 1.0 p.m.—News. 1.15—Band. 2.40—Talk: German Life. 3.0—Talk. 3.20—Songs and Dances for Children. 4.0—Wind Band. 5.0—Industrial News. 5.10—Marches and Songs from the Market Place, Weimar. Hitler Youth Troupe and Band. 6.10—Contemporary Thuringian Literature—Programme from Weimar under the auspices of the Reich Chamber of Literature. 6.40—Talk. 7.0—Concert from Jena. Municipal Symphony Orchestra, Conductor: Schwassmann. Wengert and Göhler (Violins). Concerto for Strings (Gertsberger). La folia (Corelli-Reger). Passacaglia on a Theme of Handel. 8.0—News. 8.10—A Jena Kaleidoscope—Leipzig Symphony Orchestra, Conductor: Kretschmar. Lea Piltti (Soprano), Lustig (Tenor), Mang (Bass), Garvens (Violin). 10.0—News. 10.20-12.0 m't.—Dance Band.

LILLE (Radio PTT Nord) (France) 1,213 kc/s (247.3 m.); 60 kW. Transmits at intervals from 6.30 a.m. 6.30 p.m.—Light Orchestral. 6.45—Talk in English. 7.0—News. 7.35—Economic Notes. 7.50—For Gardeners. 8.0—Mme. Lefebvre (Songs). 8.30—Lievins Miners' Band, with M. and Mme. Nizeloff (Songs). Dudoir (Clarinet). Fournier (Saxophone). Marez (Oboe). Ferdinand and Henri Moura (Flutes). Devriès (Cornet). Overture, "Rienzi" (Wagner). Scènes pittoresques (Massenet). Songs (Dellannoy, Szulc). Duets (Zimmermann). Excerpt, "Javotte" (Saint-Saëns). Excerpt, Agnes, dame galante (Février). Norwegian Rhapsody (Lalo). Songs (Friml, Bixio). Duets (Hahn, Mireille). Suite, La Féria (Lacôme). Marche du couronnement de la muse (Charpentier). 10.30-11.0—News.

LYONS (PTT) (France) 648 kc/s (463 m.); 100 kW. Transmits at intervals from 6.30 a.m. 7.0 p.m.—News. 7.35—Talk. 7.50—Records. 8.0—Talks. 8.30—See Paris (Eiffel Tower). 10.30-10.55—News; Records.

MONTCE CENERI (Switzerland) 1,167 kc/s (257.1 m.); 15 kW. Transmits at intervals from 12 noon. 7.45 p.m.—News. 7.55—Records; Gidany Music. 8.30—"Ingeborg"—Three-Act Play (Goetz). 9.30-10.0—Records of the Revellers and the Comedy Harmonists.

MUNICH (Germany) 740 kc/s (405.4 m.); 100 kW. Relayed by Nürnberg, 1,267 kc/s (236.8 m.). Transmits at intervals from 6.0 a.m. 12.0 noon—Orchestra. 1.0 p.m.—News; Records; Exchange. 2.0—See Deutschlandsender. 3.0-3.25—"From Franconia to the Waterkant"—Topical Reports. 4.0—Songs, Instrumental. 4.40—Monthly Review of Foreign Affairs. 5.0—Schneider Band, etc. Talk in the interval. 6.30—Weather; Markets. 6.45—Talk. 7.0—Old and New Army Marches. 8.0—News. 8.10—Variety by the Station Schrammel Quartet, the Voelkner Duo, Seibold (Viennese Songs), etc. 9.10—(from Augsburg) Baroque Chamber Orchestra. Conductor: Herr C. Concerto grosso in C minor (Corelli). Suite (Purcell). Concerto grosso in B flat (Handel). Ein lustig Feldmusik

(Krieger). 10.0—News. 10.20—Monthly Review of Foreign Affairs (Recorded). 10.40-12.0 m't.—Music from Frankfurt.

OSLO (Norway) 260 kc/s (1,153.8 m.); 60 kW. Fredrikstad, etc. See Sunday. Transmits at intervals from 11.10 a.m. 5.0 p.m.—Bergen Radio Orchestra. 6.0—German Lesson. 6.25—For Boys. 6.50—News. 7.30—Time; For Farmers. 7.40—Reading. 7.50—Ballads by Mme Gunvor Evju Lie and Nygaard. 8.30—Talk from the University. 9.0—Station Orchestra. Conductor: Kramm. Overture, "Kakadu" (Offenbach). Suppé Potpourri (Morena). Melody (Svendsen). March (Orvan). 9.40—News. 10.0—Topical. 10.15-11.0—Opera Music by the Station Orchestra.

PARIS (Eiffel Tower) (France) 1,456 kc/s (206 m.); 7 kW. Transmits at intervals from 11.35 a.m. 8.0 p.m.—Television. 8.30—(also Lyons (PTT))—"L'Homicide"—Three-Act Play (Ruth) with Simone and Renée Devillers, Baumer, Bertheau, etc.

PARIS (Poste Parisien) (France) 959 kc/s (312.8 m.); 60 kW. Transmits at intervals from 7.10 a.m. 12.0 noon—Exchange. 12.5 p.m.—Records; at 12.35—Exchange. 12.55—Songs. 1.15—Records. 2.0, 3.45, 4.35—Exchange. 5.0—News. 5.5—Cabaret. 6.0—News; Exchange. 6.10—Jewish Programme. 6.20—Records of Alice Reveau. Aria, "Orpheus" (Gluck), Le Secret (Fauré). 6.35—Records. 6.58—News. 7.10—Records of Bouillon Orchestra. 7.15—Records. 7.45—Film Review. 8.0—News. 8.10—Colette. 8.15—Simone describes her Holidays. 8.45—Talk; "La bonne histoire." 9.0—News. 9.10—"Le Tribunal d'Impérite," by Max Regnier and his Company. 9.40—Records. 9.55—News. 10.10—"Follow the Guide"—Sketch (Nohain-Diamant-Berger). 10.30-11.0—Dance Records.

PARIS (PTT) (France) 695 kc/s (431.7 m.); 120 kW. Transmits at intervals from 6.30 a.m. 2.30 p.m.—Variety Concert for the Blind—René de Buxeuil, the Blind Composer, plays his own Music; Paris Wind Trio; Sketch, etc. 4.0—Reading. 4.15—Talk. 4.30—Jane Hervé (Songs). 4.45—Richard Strauss Records. 4.50—Science. 5.0—Debussy Records. 5.15—Reading. 5.30—Purcell Records. 5.40—Talks. 5.40—Chamber Music. Paulette Mayer (Pfte.), Le Roy (Flute), Le Marc'Hadour (Songs). Bucolicques (Pillois). Songs (Debussy). Mélodie (Roussel). Soir Païen (Gaubert). 6.30—Lalo Records. Suite, "Naimouna," by the Lamoureux Concert Orchestra, Conductor: Wolff. Lento in G minor arranged for "Cello and Pfte." 7.0—News. 8.0—Variety. 8.30—"La veillée au retour de l'exposition"—Fantasy (Danjou). 9.30—Schumann Chamber Music. Manuel (Pfte.), Proffitt (Violin), Clément (Cello), Verroust (Songs). Pfte.: Davidtsblunder-tänze. Songs, "Dichterliebe." Trio. 10.30—U.S.A. Bulletin. 10.45-11.0—Scarlatti Records. Cor-tege, Sonata in E. Sonata in F.

PARIS (Radio-Paris) (France) 182 kc/s (1,648 m.); 80 kW. Time Signals at 7.15 a.m., 12.30 p.m., 8.30 p.m., and 10.45 p.m. 6.50 a.m.—Records. 7.0—Gym. 7.15—Records. 7.30—News. 8.0-8.30—Jazz Records. 10.15—Records—10.30—Records of Scandinavian Music. 11.0—Records. 11.30-11.40—Strauss Records. 11.50—Music Talk by Wanda Landowska. 12.0 noon—Josse Orchestra. 12.15 p.m.—Talk. 12.30—Josse Orchestra. 1.15—Clément (Songs). 1.30—News. 1.45—Josse Orchestra. 2.0—Records. 2.15—Annette Servan (Songs). 2.30—Records. 2.45—Marcelle Stach (Songs). 3.0—Songs and Dances—Records. 3.30—Jany Delille (Songs). 3.45—Fournier (Cello). 4.0—Reading. 4.15—Films. 4.30—Science. 4.45—Politics. 5.0—Derveaux Orchestra. 6.0—Reading. 6.15—Humour. 6.30—Talks.

7.0—The Couperin Family—Pauline Aubert (Harpisichord). Le tombeau de Blancrocher (Louis Couperin). Les folies françaises (François Couperin). Pieces (Armand-Louis Couperin): (a) La Fouquet, (b) Les caquetueuses. Variations on "Ahl ça ira" (Gervais-François Couperin). 7.30—Maryse de Pommerol (Songs). Lament (Gautier). Il pleut des pétales de fleurs (Moret). Les roses de Saadi (Rabey). C'est un calme qu'on ne peut dire (Laparra). 7.45—Chopin Recital—Simone Jacson (Pfte.). Prelude in B minor. Mazurka in F sharp minor. Waltzes in C sharp and in D flat. Etudes in F minor and in C minor.



K. B. Jirák, Prague's Director of Music, who will conduct Szymanowski's Third Symphony (Prague 8 p.m.)

8.0—Politics. 8.15—For Young People. 8.30—Excerpts, "Béatrice" (Messager). Orchestra and Noyon Choir. Conductor: Tomasi, with Marguerite Sover in the Title Role; at 9.30—News. 10.30—Records. 10.45-11.0—News.

PRAGUE (Czechoslovakia) 638 kc/s (470.2 m.); 120 kW. Transmits at intervals from 6.30 a.m. 4.35 p.m.—Chamber Music by the Prague Wind Quintet. Hanták (Oboe), Drábek (French Horn) and Hotovy (Bassoon). Diver-tissement in C (Haydn-Sand, Jerzer). Suite, "Don Juan" (Jezeek). Wind Quintet (Borkovec). 5.10—Talk. 5.40—Industrial Review; Record. 5.55—For Workers. 6.5—German Transmission: Legal Talk; For Workers; Announcements. 6.45—News (German); Record. 7.0—News. 7.10—Political Talk. 7.20—Local News. 7.25—To be announced. 8.0—Station Orchestra. Conductor: Jirák. Overture (Sin). Fantasia in F minor (Mozart). Third Symphony (Szymanowski). 9.0—To be announced. 9.55—Record. 10.0—News. 10.15—English Lesson. 10.35—See Brno. 11.0-11.15—News (French).

RADIO-MEDITERRANÉE (France) 1,276 kc/s (235.1 m.); 27 kW. Transmits at intervals from 12.15 p.m. 7.0 p.m.—For Cyclists. 7.25—Amusement Guide; For Children. 7.30—Request Programme. 8.0—News; Exchange. 8.15—Darius Martenot. 8.30—Light Music. 9.5—Weather. 9.10—Variety Programme. 10.0—News. 10.15—Dance Music.

RADIO-NORMANDIE (France) 1,113 kc/s (269.5 m.); 15 kW. 6.45 a.m.—Band. 7.0—Chansonnettes; News. 7.45—Physical Exercises. 8.0—Light Music. 9.0—Dance Music. 9.15—Songs. 9.45—Alfredo Campoli Orchestra. 10.0—Records. 10.15—Film Music. 10.30—Scottish Music. 10.45—Records. 11.0—Classical Music. 12.0 noon—Concert. 2.0—Records. 2.30—Exhibition News. 2.45—Waltzes. 3.0—Harold Ramsay (Organ) and Others.

3.15—Light Music. 3.30—The Voice of the Stars. 3.45—Light Music. 4.0—Gil Charl. 4.30—Light Music. 5.45—Current London Productions. 6.0—Children's Corner. 6.45—Talk; News. 7.0—Chansonnettes. 7.50—News. 8.0—Betove (Comedian). 8.20—Variety. 8.40—Excerpts from "Yana" (Richepin-Christine). 9.0—Amateur Singers and Mandoline Band from Dunkerque. 11.45—News. 12.0 m't.—Midnight Melodies. 12.30-1.0 a.m. (Thursday)—Dance Music.

REYKJAVIK (Iceland) 208 kc/s (1,442 m.); 16 kW. Transmits at intervals from 12.0 noon. 9.10 p.m.—Weather (Icelandic, German, English). 9.20—Dances. 9.55—News. 10.30—Talk. 10.55—Radio Orchestra. 11.30—Music of Famous Composers.

ROME (Italy) 713 kc/s (420.8 m.); 50 kW. Naples, etc. See Sunday. Transmits at intervals from 7.45 a.m. 5.0 p.m.—News. 5.15—Contemporary Italian Music by Concetta Zama (Soprano), and Barbara Giuranna (Pfte.). 5.50—Weather. 6.50—For Motorists. 7.0—Talk (German); Announcements; Light Music. 7.53—News in Foreign Languages. 8.10—News. 8.30—Government Notes. 9.0—Massimo Amfiteatrof (Cello) and Renato Josi (Pfte.). 9.40—Report. 9.50—Band. Conductor: Di Miniello. March (Di Miniello). Prelude and Fugue in D (Bach-Respighi-Di Miniello). Scènes pittoresques (Massenet). Overture, "La Battaglia di Legnano" (Verdi). In the interval, Talk. 10.45—Dance Music. 11.0—News. 11.15—News (English). 11.30-11.50—Dance Music.

SOTTENS (Switzerland) 677 kc/s (443.1 m.); 100 kW. Relayed by Geneva, 401 kc/s (748 m.). 12.30 p.m.—News. 12.40-1.30—Records. 5.0-6.0—See Beromünster. 6.0—For Youth. 6.45—Interlude. 7.0—Talk: French Art at the Paris Exhibition. 7.20—Interlude. 7.25—Micro-Magazine. 7.50—News. 8.0—Light Orchestral. 8.30—"Le Client sérieux"—Comedy (Courteline). 9.10—Light Orchestral (cont'd.). 9.40—League of Nations Report. 10.0-10.30—Hot Jazz.

STOCKHOLM (Sweden) 704 kc/s (426.1 m.); 55 kW. Motala, etc. See Sunday. Transmits at intervals from 7.20 a.m. 5.5 p.m.—Light Music by Mme Yvette's Trio. 5.45—Russian Gipsy Songs by Nadja Hjarme. 6.0—The Roving Microphone. 6.15—Records. 7.0—Poems. 7.15—News. 7.30—"De Svenske" Choir. Morgon (Eklöf). Solnedgang i havet (Geijer). French Folk Melody, Angelus. Gryning vid havet (Alfvén). Vid min lutas silvertorner (Palmgren). Darthulas gravsang (Palmgren). Trindskal-larna (Alfvén). Domaredansen (Olsson). 8.5—Talk. 8.35—First Symphony (Brahms), by the Stockholm Concert Orchestra. Guest-Conductor: Fritz Busch. 9.30—Reading. 9.45—News. 10.0-11.0—Eichwald Dance Band.

STRASBOURG (France) 859 kc/s (349.2 m.); 100 kW. Transmits at intervals from 6.30 a.m. 5.45 p.m.—Chamber Music from Montpellier (PTT). 6.30—Station Orchestra. Conductor: Bour. Roskam (Cello). Waltz (Fucik). "Cello Solos. Excerpts, "Hans the Flute Player" (Ganne). 7.0—News. 7.35—Economic Notes. 7.50—News. 7.55—"Lohengrin" (Wagner) from the Opera, Paris. News in the intervals. 11.50—News (French, German).

STUTTGART (Germany) 574 kc/s (522.6 m.); 100 kW. Transmits at intervals from 5.0 a.m. 12.0 noon—Orchestra, etc. 1.50 p.m.—News. 1.15—Orchestra (cont'd.). 2.0-3.0 and 4.0-6.0—See Deutschlandsender. 6.0—Topical Talks. 7.0—See Frankfurt. 8.0—News. 8.15—"Anno dazumal"—Play with Music (Schmittner). 9.15—Beethoven Music from Ludwigsburg Castle. Trio in B flat

WEDNESDAY (Sept. 29)

for Pfte., Clarinet and 'Cello. Serenade in D for Flute, Violin and Viola. 10.0—News. 10.15—Lieder—Recital by Hilde Keefe-Bluthardt (Soprano). 10.30—Records: Light and Dance Music. 12.0 m't.—1.0 a.m. (Thursday)—Station Orchestra. Serenade Wilhelmine Holzinger-Rauh (Pfte.). Spielmusik for Orchestra (Schaub). Gestalten für Klavier (Karl Rohrich). Passacaglia and Fugue (Schaub).

TOULOUSE (Radio-Toulouse) (France)

913 kc/s (328.6 m.); 60 kW. Transmits at intervals from 8.0 a.m. 6.0 p.m.—Dance Music. 6.15—Operetta Music. Excerpts, "Les Cloches de Corneville" (Planquette), "Miss Decima" (Audran), "Frasquita" (Lehar). 6.40—Film Music. 6.55—News; Sports. 7.15—Light Music. 7.45—Ray Ventura and his Collegians. 8.25—Light Music. 8.30—Pierre Ferrary and Romeo Carles. 9.15—"Les petits Bateaux"—Fantasy. 9.30—Light Music. 10.0—News. 10.15—Excerpts, "Ceux de la Legion" (Scott). 10.30—Military Band. 10.45—Songs. 11.0—Tangos. 11.15—Orchestra. 11.35—Light Music. 11.50—News.

TURIN (No. 1) (Italy)

1,140 kc/s (263.2 m.); 7 kW. Milan (No. 1), etc. See Sunday. Transmits at intervals from 7.45 a.m. 5.0 p.m.—News. 5.15—Dance Music. 5.50—Weather. 6.50—See Rome. 7.0—Orchestra. Conductor: Malatesta. 7.40—News in Foreign Languages. 8.10—News. 8.30—Government Notes. 8.40—Orchestra. Conductor: Malatesta. 9.0—"The Gipsy Princess" (Kálmán). In the intervals, Talk; News. 11.0—News. 11.15-11.55—Dance Music.

VIENNA (Austria)

592 kc/s (506.8 m.); 100 kW. Graz, etc. See Sunday. Transmits at intervals from 6.45 a.m. 4.5 p.m.—Classical Records. 5.15—Art Talk. 5.30—Talk. 5.45—Contemporary Austrian Composers—Heller and Herried Music. Elena Nikolaidi (Contralto), Rottensteiner (Bassoon) and the Composers (Pftes.). Burlesque Serenade (Herried). Songs for Contralto and Pfte. (Heller). Kleine Groteske (Herried). 6.20—Talk. 6.40—Announcements. 6.50—Talk. 7.0—News. 7.10—Topical. 7.25—"Luisa Miller" (Verdi). State Opera Choir and Vienna Symphony Orchestra. Conductor: Kabasta. Cast includes: Maria Tauber as Luisa, Herbert Alsen as the Count, Olga Levko-Antosen as the Duchess Amelia, and Emmerich von Goden as Rudolf. In the interval, Talk. 10.10—News. 10.20-11.30—Dance Music; at 10.55—Announcements.

WARSAW (Poland)

224 kc/s (1,339 m.); 120 kW. Cracow, etc. See Sunday. Transmits at intervals from 6.15 a.m. 12.3 p.m.—News. 12.15—Talk. 12.25-1.0—Orchestra. 3.45—Industrial News. 4.0—Talks. 4.15—Choir and Wind Instrument Ensemble. 4.45—Talk. 5.0—Lipowska (Songs) and Kochanski (Violin). Violin (Bach): (a) Siciliana, (b) Presto. Aria: (a) "Figaro" (Mozart), (b) "Die toten Augen" (d'Albert), (c) "Louise" (Charpentier). Violin (Suk): (a) Ballad, (b) Appassionato. Songs: (a) Serenade (Dobrzynski), (b) Folk Song (Zelenski), (c) La fille (Friedmann). Violin: (a) Berceuse (Szymanowski), (b) Rigaudon (Poplawski). 5.50—Talk. 6.0—Educational. 6.10—Programme Notes. 6.15—Records. 6.50—Talk. 7.0—Records. 7.50—Sports. 8.0—Orchestra and Male Voice Choir. 8.45—News. 8.55—Topical. 9.0 (from Lwów)—Chopin Recital by Muenzer (Pfte.). Nocturne in F sharp minor. Mazurkas in D and A flat. Waltz in F. Three Etudes. 9.45—Story. 10.0—Station Dance Band. 10.50-11.0—News.

THURSDAY Sept. 30

4 p.m.

BRESLAU, Dance Band.
DEUTSCHLANDSENDER, COLOGNE and STUTTGART, Light Orchestral.
FRANKFURT, Orchestra.
HAMBURG, Light Orchestral.
KALUNDBORG, 4.5—For Boys; Notes. **KÖNIGSBERG**, Band.
LEIPZIG, Choir, Orchestra.
MUNICH, Instrumental. 4.40—Reading.
RADIO-PARIS, Reading. 4.15—Talk: R. L. Stevenson in France. 4.30—Records. 4.45—"Il ne faut jurer de rien"—Comedy (de Musset).
WARSAW, 4.15—Sonata in A (Beethoven) by Lifan (Cello), Rosenbaum (Pfte.). 4.45—Reading.

5 p.m.

ATHLONE, 5.30—Gaelic Variety for Children.
BERLIN, Songs, Violins, Harpichord. 5.30—Choir. **BRESLAU**, Reading. 5.10—Dance Band. **BRUSSELS (1)**, Records: Symphony in B flat (Chausson). 5.30—For Children. **BRUSSELS (2)**, Salon Orchestra. 5.45—For Children.
COLOGNE, Topical.
DEUTSCHLANDSENDER and STUTTGART, Reading. 5.10—Light Orchestral.
FRANKFURT, Orchestra.
HAMBURG, Light Orchestral. 5.15—"New Quarters!"—Variety. **HILVERSUM (1,875 m.)**, 5.10—Kovacs Lajos Orchestra. **HILVERSUM (301.5 m.)**, Organ.
KALUNDBORG, Poems. 5.25—Notes. 5.50—Records: "May Time"—Film. **KÖNIGSBERG**, Börschel Band.
LEIPZIG, Markets. 5.10—Choir, Orchestra.
MUNICH, Grieg Concert.
OSLO, Café Concert.
PARIS (PTT), Dance Music by the Marley Orchestra.
RADIO-NORMANDIE, Records. 5.15—For Children. 5.30—Light Music. **RADIO - PARIS**, Comedy (contd.). **ROME**, 5.15—Dance Music.
SOTTENS and **BEROMÜNSTER**, Orchestra and Accordion.
STOCKHOLM, 5.30—Song Duets (Gounod). 5.45—Topical.
TURIN, News. 5.15—Soprano, Tenor.
VIENNA, 5.25—Hammer Clavier.
WARSAW, Warsaw Philharmonic. Conductor: Oziminski. Clarinet. 5.50—Sports.

6 p.m.

ATHLONE, Cinema Organ. 6.35—News.
BERLIN, Records. **BEROMÜNSTER**, Records. 6.30—Talk. **BRESLAU**, Japan—Book Review. 6.20—Talks; Announcements. **BRUSSELS (1)**, Talk. 6.15—Salon Orchestra. 6.50—Records. **BRUSSELS (2)**, For Children. 6.30—Records. 6.45—Talk. **BUCHAREST** and **RADIO-ROMANIA**, 6.3—Records: Light Music and Dance Music. **BUDAPEST (1)**, Cigány Band. 6.45—For Farmers.
COLOGNE, Records. 6.50—Reading.
DEUTSCHLANDSENDER, Sonata (Hausmann) by Käthe Grandt (Violin), The Composer (Pfte.). 6.20—Records. 6.40—Report.
FRANKFURT, Topical.
HAMBURG, Young Spanish Youth Leaders visit Germany. 6.25—Old War Comrades Rally. 6.45—Notes. **HILVERSUM (1,875 m.)**, Orchestra (contd.). 6.10—Sports. 6.40—Dorothy Stanton (Songs), Veen (Pfte.). **HILVERSUM (301.5 m.)**, Organ. 6.10—Records; Talks; News.
KALUNDBORG, Records (contd.). 6.15—Talk. 6.35—English. **KÖNIGSBERG**, Talks. 6.30—Violin Sonata in D minor (Brahms). 6.50—Notes.
LEIPZIG, Talk. 6.20—Records. 6.40—Periodicals.
MUNICH, Grieg Concert. 6.30—Notes; Talk.
OSLO, Address. 6.25—Song Duets. 6.50—News.
PARIS (PTT), Organ. 6.30—Maritzu Zarraga (Spanish Songs). 6.45—Dialogue.

RADIO-NORMANDIE, 6.5—Orchestra. 6.45—Talk; News.
RADIO - PARIS, Comedy (contd.). 6.30—Talks.
SOTTENS, Cookery. 6.20—Dance Records. 6.40—Chopin Records of Arthur Rubinstein. **STOCKHOLM**, Records. **STUTTGART**, Topical.
VIENNA, Talks.
WARSAW, Talks and Records.

7 p.m.

ATHLONE, Broadsheet Ballads. 7.30—The Piano and its Story.
BERLIN, Evening Echoes. 7.15—Rink Band. **BEROMÜNSTER**, Report. 7.15—A Zürich Picture Book. 7.45—News. **BRESLAU**, Orchestra, Geza von Kresz (Violin) (Beethoven, Brahms). **BRUSSELS (1)**, For Workers. 7.15—Records. 7.30—News. **BRUSSELS (2)**, 7.3—Records. 7.30—

8 p.m.

ATHLONE, Talk. 8.15—Chamber Music Trio. 8.40—Discussion.
BERLIN, News. 8.10—Dance Music. **BEROMÜNSTER**, Zürich Radio Orchestra, Anspach (Tenor). **BRESLAU**, News. 8.10—Orchestra, etc. (contd.).
BRNO, 8.55—Orchestra, Flute. **BRUSSELS (1)**, "The Sea"—Radio Orchestra, Records of Songs and Poems. **BRUSSELS (2)**, "Knokkelbeen" (Hillebroeck). **BUCHAREST** and **RADIO-ROMANIA**, Folk Songs. 8.20—Radio Orchestra. **BUDAPEST (1)**, Play (contd.).
COLOGNE, News. 8.10—Orchestra, Pfte. Duo, Clarinet (Dvořák, Arensky, Strauss, etc.).
DEUTSCHLANDSENDER, News. 8.10—Orchestra.
EIFFEL TOWER, 8.30—From the Opéra-Comique.

BOURG, News (German). 8.30—Orchestra, Cello, Trumpet, Pfte. (Lalo, Riisager, Brahms).
STUTTGART, News. 8.15—"Voices in the Night"—A Late Summer Intermezzo (Recorded).
TOULOUSE, Light Music; at 8.30—Fashions. **TURIN**, News in Foreign Languages. 8.30—Talk.
VIENNA, Tyrolean Songs. 8.25—Pfte. Concerto in A minor (Schumann) by Cortot and the London Philharmonic, Conductor: Sir Landon Ronald (Records).
WARSAW, Orchestra, Songs, Pfte. Duo. 8.45—News.

9 p.m.

ATHLONE, See Turin. 9.30—Variety.
BERLIN, Dance Music. **BEROMÜNSTER**, German Ballads. 9.35—Orchestra. 9.40—"Rembrandt"—Sequence, with Music. **BRESLAU**, Orchestra, etc. (contd.). 9.10—Topical. 9.15—"The Ode"—Sequence. **BRNO**, Orchestra, Flute. 9.55—See Prague. **BRUSSELS (1)**, "The Sea" (contd.). **BRUSSELS (2)**,

10 p.m.

ATHLONE, Variety. 10.30—News.
BEROMÜNSTER, Sequence (contd.). 10.25—Announcements.
BRUSSELS (1), News. 10.10—Records. **BRUSSELS (2)**, News. 10.10—Records: Stealing through the Classics (arr. Somers). **BUCHAREST** and **RADIO-ROMANIA**, Orchestra (contd.). 10.45—News (French, German, Romanian). **BUDAPEST (1)**, Opera Orchestra. 10.46—German Talk.
DEUTSCHLANDSENDER, 10.0—News. 10.30-10.45—Sonata in D (Bach) by Schulz (Viola da Gamba), Pischner (Harpischord).
EIFFEL TOWER, From the Opéra-Comique (contd.).
HILVERSUM (1,875 m.), Organ, Violin (contd.). 10.10—Dance Band; at 10.40—News. **HILVERSUM (301.5 m.)**, Orchestra. 10.25—Gym. 10.40—Records.
KALUNDBORG, News; Talk. 10.40—Oiva Soini (Finnish Songs).
KÖNIGSBERG, News. 10.20—Records: Light Music and Dance Music.
LILLE, Music Hall. 10.30—News; Records.
OSLO, Talks. 10.30—Variety Concert.
PARIS (PTT), Play (contd.). 10.30—News. 10.45—Records: Siegfried Idyll (Wagner) by the New York Philharmonic. Conductor: Toscanini. **POSTE PARISIEN**, Report from the Press Section of the Paris Exhibition. 10.5—Chamber Music Records. 10.30—Dance Records. **PRAGUE** and **BRNO**, News. 10.15—Russian. 10.35—Records.
RADIO-NORMANDIE, Variety.
RADIO-PARIS, "Pelléas et Mélisande" (Debussy) (contd.).
ROME, Play (contd.). 10.15—Songs. 10.45—Dance Music.
SOTTENS, Waltzes. 10.30—League of Nations Report.
STOCKHOLM, Opera Music. Radio Orchestra. Conductor: Grevillius. **STASBOURG**, Menotti (Songs). **STRASBOURG**, Orchestra, etc. (contd.). 10.30—News (French, German).
STUTTGART and **MOST GERMAN STATIONS**, Light Music—Band, Zither.
TOULOUSE, News. 10.15—Light Music. **TURIN**, "Adriana Lecouvreur" (Cilea) (contd.).
VIENNA, Light Music (contd.). 10.10—News. 10.20—Dance Band. 10.55—News.
WARSAW, Rose Bampton (Songs). 10.30—Sonatas (Galuppi, Prokofiev) by Maryla Jonas (Pfte.). 10.50—News.

11 p.m.

BUDAPEST (1), Dance Band.
DEUTSCHLANDSENDER, Dance Records.
HILVERSUM (1,875 m.), Dance Band. 11.20—Records. **HILVERSUM (301.5 m.)**, Records; Bible Reading.
KALUNDBORG, Dance Band.
KÖNIGSBERG, Records (contd.).
OSLO, Variety Concert.
RADIO-NORMANDIE, Café Concert. 11.45—News. **ROME**, News. 11.15—News (English). 11.30—Dance Music.
STUTTGART and **MOST GERMAN STATIONS**, Light Music (contd.).
TOULOUSE, Light Music. 11.50—News. **TURIN**, "Adriana Lecouvreur" (Cilea) (contd.); Dance Music.
VIENNA, Dance Band.

12 midnight

BUDAPEST (1), 12.5—News.
FRANKFURT and **STUTTGART**, Serenade (Recorded) (Rosza, Rasch, Smetana, Trapp).
KALUNDBORG, Dance Band.
RADIO-NORMANDIE, Midnight Melodies. 12.30—Dance Music.

PRINCIPAL EVENTS

SYMPHONY CONCERTS

7.0 Breslau: Beethoven, Brahms.
 8.0 Oslo: Mendelssohn—Seidel (violin).
 8.10 Kalundborg: Malko, Lauritz Melchior.
 8.15 National: Moiseiwisch (pfte.).
 8.30 Strasburg: Orchestra, cello (Lalo).
LIGHT CONCERTS
 12.0 Kalundborg: Restaurant string orch.
 12.30 Radio-Paris: Roger Ellis Orchestra.
 4.0 Deutschlandsender: Dobrindt Orch.
 5.0 Brussels 2: Salon orchestra.
 5.0 Warsaw: Philharmonic Orchestra.
 7.0 Deutschlandsender: Mozart, Kodály.
 7.10 Leipzig: Light-hearted programme.
 7.25 Vienna: Tyrolean Folk-music.
 7.50 Hilversum (301.5 m.): NCRV Orch.
 8.0 Beromünster: Orchestra, Anspach (tenor).
 8.0 Brussels 1: The Sea in Music.
 8.0 Warsaw: Popular programme.
 9.0 Stockholm: Lekeu, etc., opera music.
 9.0 Vienna: Operetta and film music.
 9.35 Budapest 1: Opera House Orchestra.
 10.0 Sotten: Waltzes.
 10.30 Oslo: Popular programme.
 10.30 Stuttgart, etc.: Band, zither.
OPERAS
 8.10 Königsberg: "Orphée et Eurydice."

8.30 Radio-Paris, etc.: "Pelléas et Mélisande" (Acts 1, 2, 3).
 9.0 Turin, Athlone (Act 1): "Adriana Lecouvreur" (Cilea).

OPERETTAS

7.0 Munich: "Glück auf der Alm."
 8.0 Brussels 2: "Knokkelbeen."

CHAMBER MUSIC

9.10 Munich: Quintet, songs (Schubert).
 9.30 Stuttgart: Quartet (Brahms).
 10.30 Deutschlandsender: Sonata (Bach).

RECITALS

6.0 Paris (PTT): Organ.
 9.45 Hilversum (1,875 m.): Organ, violin.
 10.0 Warsaw: Songs, pianoforte.

PLAYS

8.30 Paris (PTT): "Natacha" (Casova).
 9.40 Beromünster: "Rembrandt" (Herzog).

TALKS

1.40 Hilversum (1,875 m.): "England and Queen Elizabeth."
 9.30 National: The Prime Minister.

LAST NEWS BULLETINS, see Monday

DANCE MUSIC

8.10 Berlin, Hamburg; 9.0, Stuttgart; 10.10, Hilversum (1,875 m.); 10.20, Vienna; 10.30, Poste Parisien; 10.45, Rome; 11.0, Budapest 1, Deutschlandsender, Kalundborg; 11.30, National.

Art Review. **BUCHAREST** and **RADIO-ROMANIA**, Educational. 7.15—Records. 7.45—Talk. **BUDAPEST (1)**, Orchestra. 7.30—"Cifra nyomorúság"—Play (Csiky).
COLOGNE, Light Classical Music. 7.45—Snapshots.
DEUTSCHLANDSENDER, Orchestra.
FRANKFURT, Romantic Pfte. and Choral Music, Station Choir, Gisela Sort (Pfte.) (Schubert, Schumann, Brahms).
HAMBURG, Records. 7.30—"The Lower Elbe"—Radio Picture. **HILVERSUM (1,875 m.)**, Songs, Pfte. (contd.). 7.10—Talk. 7.40—News. 7.50—Records. **HILVERSUM (301.5 m.)**, Report. 7.40—News. 7.45—Orchestra.
KALUNDBORG, News. 7.30—Politics. **KÖNIGSBERG**, October Almanac. 7.45—Topical.
LEIPZIG, News. 7.10—Light-hearted Music.
MONTE CENERI, 7.45—News. 7.55—Records. **MUNICH**, "Glück auf der Alm"—Singspiel (Kusche).
OSLO, News. 7.30—Record. 7.35—Talk.
PARIS (PTT), News. **POSTE PARISIEN**, News. 7.10—Records. 7.23—Talk. 7.45—Paris Programme with Hélène Regelly. **PRAGUE**, News. 7.15—Variety Concert.
RADIO-NORMANDIE, Concert. 7.50—News. **RADIO-PARIS**, Markets. 7.3—Records. 7.15—Songs. 7.30—Guitar. 7.45—Songs. **ROME**, Talk (Spanish); Music; Sports. 7.53—News in Foreign Languages.
SOTTENS, Talks. 7.30—Music. 7.45—News. **STOCKHOLM**, Talk. 7.15—News. 7.30—A Play.
STUTTGART, Round the World on Records.

HAMBURG and **FRANKFURT**, News. 8.10—Dance Band. **HILVERSUM (1,875 m.)**, Records. 8.40—AVRO Orchestra. Conductor: Treep. Henriette Bosmans (Pfte.). **HILVERSUM (301.5 m.)**, Orchestra; at 8.40—Talk.
KALUNDBORG, Records. 8.10—Second Thursday Concert from the State Broadcasting Building. Radio Symphony Orchestra. Guest Conductor: Malko, Melchior (Tenor), (Hartmann, Handel, Verdi, Wagner). **KÖNIGSBERG**, News. 8.10—"Orpheus and Eurydice" (Gluck).
LEIPZIG, News. 8.10—Popular Music. **LILLE**, 8.30—Music-Hall.
MONTE CENERI, Records. 8.30—Books. 8.40—Spanish Music. Barrosa (Tenor), Herschel (Pfte.).
MUNICH, "Glück auf der Alm" (contd.).
OSLO, Mendelssohn Concert. Harmonien Orchestra. Conductor: Heide. Seidel (Violin). 8.45—Talk.
PARIS (PTT), Variety. 8.30—"Natacha"—Play (Casova).
POSTE PARISIEN, News. 8.10—Les Frères Jacasse. 8.15—Programme with Yolanda. 8.30—Records. 8.45—Talk. **PRAGUE**, Concert. 8.35—Review. 8.55—See Brno.
RADIO-NORMANDIE, 8.5—Records. 8.20—Light Music. 8.40—Records. **RADIO-PARIS**, Home and Foreign Affairs. 8.15—Reading. 8.30—Acts I, II, and III, "Pelléas et Mélisande" (Debussy), from the Salle Gaveau. **ROME**, News (contd.). 8.30—Talk.
SOTTENS, Schubert Concert. 8.30—"L'école des Gendres"—Comedy (Reymond). **STOCKHOLM**, Play (contd.). **STRAS-**

"Knokkelbeen" (Hillebroeck) (contd.). 9.50—Our Father (Wiertz). **BUCHAREST** and **RADIO-ROMANIA**, Radio Orchestra. 9.30—News. 9.45—Constantinescu Orchestra. **BUDAPEST (1)**, Play (contd.). 9.10—News. 9.35—Opera Orchestra.
COLOGNE, Orchestra, etc. (contd.). 9.10—"Drei Nächte um die Zisterne"—Play (Ettighoffer).
DEUTSCHLANDSENDER, Topical. 9.15—"When Day is done"—Band, Tenor, Balalaika.
EIFFEL TOWER, From the Opéra-Comique (contd.).
FRANKFURT, See Hamburg. 9.15—Beethoven Concert.
HAMBURG, Dance Band. **HILVERSUM (1,875 m.)**, Orchestra, etc. (contd.). 9.10—Play. 9.45—Palla (Organ), Nina Dolce (Violin). **HILVERSUM (301.5 m.)**, Orchestra; at 9.40—News.
KALUNDBORG, Concert (contd.). **KÖNIGSBERG**, "Orpheus and Eurydice" (Gluck) (contd.).
LEIPZIG, Popular Music. 9.10—"Giants of Iron and Steel"—Sequence. **LILLE**, Music-Hall. **MONTE CENERI**, Spanish Music (contd.). 9.30—Lanner and Strauss Waltz Records. **MUNICH**, News. 9.10—Schubert Music, Tenor, Quintet.
OSLO, Light Music. 9.20—Notes. 9.40—News.
PARIS (PTT), Play (contd.).
POSTE PARISIEN, News. 9.10—Records. 9.25—"En Correctionnelle". 9.55—News.
PRAGUE, See Brno. 9.55—Record.
RADIO-NORMANDIE, Operetta Music. 9.45—Variety. **RADIO-PARIS**, "Pelléas et Mélisande" (Debussy) (contd.); at 9.30—News. **ROME**, "Prime pioggie"—Play (Pea).

NATIONAL

For Time Signals, see Monday.

- 10.15 a.m. (D)—Service.
10.30 (D)—Weather Forecast.
10.45 (D)—At Home Today.
11.5 (D)—Records.
11.25 (D)—For Schools.
11.45 (D)—Records.
12.30 p.m. (D)—Cinema Orchestra.
1.15 (D)—Records.
2.0 (D)—For Schools.
2.50 (D)—Puzzles.
3.15 (D)—Bournemouth Municipal Orchestra conducted by Sir Dan Godfrey.
5.0—Henry Hall's Dance Orchestra.
5.45—Talk on School Broadcasts.
6.0—The First News.
6.20—Book Talk.
6.40—Songs.
7.25—"The Peaslake Crash": a new radio play.
8.15—Promenade Concert from Queen's Hall, London: Moiseiwitsch (Pfte.); BBC Symphony Orchestra conducted by Sir Henry J. Wood.
9.30—Talk on National Health by the Prime Minister, the Rt. Hon. Neville Chamberlain.
9.50—The Third News.
10.10—Short Mid-Week Service.
10.30—BBC Variety Orchestra: Webster Booth (Tenor).
11.15—Billy Thorburn's Music.
11.30-12.0—Dance Records.

REGIONAL

For Time Signals, see Monday.

- 10.15-10.45 a.m. (ex. Western)—National.
10.45 (ex. Western, Scottish)—BBC Northern Ireland Orchestra: David Richardson (Baritone).
10.45 (Western, Scottish)—National.
11.30 (ex. Western, Scottish)—Cinema Organ.
12.0 noon (ex. Western, Scottish)—Quintet.
12.30 p.m. (ex. Western, Scottish)—BBC Singers (A). 1.0—Talk.
1.20 (ex. Western, Scottish)—Ernest W. Maynard (Organ).
2.0 (ex. Western, Scottish)—Dance Records.
2.0 (Scottish)—For Schools.
2.30 (ex. Western, Scottish)—Light Classical Concert.
3.0 (Welsh)—For Schools in Wales.
3.15 (ex. Western, Scottish, Welsh 3.25)—Military Band.
3.30 (Scottish)—Mid-Week Service.
4.0 (Western, Scottish)—National.
4.15 (ex. Western, Scottish)—Leonardi's Orchestra.
5.0—The Children's Hour.
6.0 (ex. Northern, Western, N. Ireland)—Reginald Foot (BBC Theatre Organ).
6.0 (Northern)—Orchestra.
6.0 (Western)—National.
6.0 (N. Ireland)—Cinema Organ.
6.40 (ex. Midland, Western, Scottish)—Montague Brearley (Violin); Esther Fisher (Pfte.).
6.40 (Midland Scottish)—Bands.
7.20 (ex. Western)—Regional Announcements.
7.25 (Western)—Records.
7.30 (ex. Western)—Second News.
8.0 (ex. Midland, Welsh, Western)—Peter Yorke and his Orchestra.
8.0 (Midland, Western)—For Farmers.
8.0 (Welsh)—Welsh News.
8.10 (Welsh)—Talk.
8.20 (Midland)—'Arry and Liza in Cockney Cameos.
8.20 (Western)—Records.
8.25 (ex. Midland, Northern, Welsh)—Jimmy O'Dea in "Blarney."
8.25 (Northern)—Northern Notions.
8.25 (Welsh)—Men of Harlech.
8.30 (Midland)—The Ritz Players.
9.10 (ex. Midland, Welsh, N. Ireland)—Week by Week.
9.10 (Midland, N. Ireland)—Talks by Regional Directors.
9.10 (Welsh)—David Lloyd (Tenor); BBC Welsh Orchestra.
9.30 (Regional)—Records.
9.30 (Midland)—Orchestra.
9.30 (Northern)—"String Time."
9.30 (Western)—Geoffrey Philippe (Pfte.).
9.30 (N. Ireland)—Records.
9.30 (Scottish)—Orchestra.
9.45 (Northern)—Variety.
9.45 (Western)—Farewell to Summer.
10.0 (Regional, Midland, N. Ireland)—Maggie Teyte (Soprano).
10.15 (Welsh)—Welsh talk.
10.15 (Scottish)—Scottish News.
10.25 (Scottish)—Sports News.
10.30 (ex. Western)—Billy Thorburn and his Music.
11.0 (Welsh, Scottish)—Gaelic programme.
11.30 (ex. Western)—News Summary. 11.40-12.0—Records.

Hours of Transmission in British Summer Time.

ATHLONE (Ireland)
565 kc/s (531 m.); 100 kW.
Dublin, etc. See Sunday.
1.30 p.m.—Records. 2.30-3.0—For Schools. 5.30—Gaelic Variety for Children, compered by Kathleen Roddy. 6.0—Ritz Cinema Organ, Belfast (from BBC Belfast). 6.35—Irish News Feature. 6.45—News. 7.0—Broadsheet Ballads, presented by Art O'Murnaghan. 7.30—The Piano and its Story, No. 3—Claud Biggs. 8.0—You use it every day, but why? 8.15—Chamber Music by Bessie O'Hart Bourke's Trio. 8.40—Readings from the Gaelic Discussion between Eaman de Blaghd and Mairead Ní Ghraida. 9.0—Act I, "Adriana Lecouvreur," from Turin. 9.30—Variety. 10.30—News. 11.0—National Anthem.

BARCELONA (EAJI) (Spain)
795 kc/s (377.4 m.); 7.5 kW.
Transmits at intervals from 9.0 a.m. to 10.0 p.m.—Time; News; Records. 11.30—Jazz Records. 12.0 m't.—News (Italian, German, French, Portuguese, Spanish).

BERLIN (Germany)
841 kc/s (356.7 m.); 100 kW.
Transmits at intervals from 6.0 a.m. to 12.0 noon-2.0 p.m.—See Frankfurt. 2.0—News. 2.15-4.0—Light Music—Hass Quintet; at 3.15-3.35—Exchange; Markets. 4.30—Anecdotes. 5.0—Concert. Part I. Songs (Jarnach). Music for Two Violins and Harpsichord (Kaminski). 5.30—Berlin Hitler Youth Mozart Choir. 6.0—Records. 7.0—Evening Echoes. 7.15—Rink Band. 8.0—News. 8.10—Dance Music. Station Orchestra. Conductor: Willy Steiner; Gaden Band. 10.0—News; Sports. 10.30-12.0 m't.—See Stuttgart.

BEROMÜNSTER (Switzerland)
556 kc/s (539.6 m.); 100 kW.
Relayed by Basle and Berne, 1,375 kc/s (218.2 m.).
6.15-6.35 a.m.—Gym. 12.0 noon—Stravinsky Records. 12.29 p.m.—News. 12.40-1.30—Records. 4.30—For Invalids. 5.0-6.0—See Sottens. 6.0—Records. 6.30—Talk. 7.0—Traffic Report. 7.15—A Zürich Picture Book. 7.45—News. 8.0—Zürich Radio Orchestra. Conductor: Bernhard Anspach (Tenor). 9.0—Historic German Ballads. 9.35—Orchestra (contd.). 9.40—"Rembrandt"—Sequence with Music (Herzog). 10.25—Announcements.

BRATISLAVA (Czechoslovakia)
1,004 kc/s (298.8 m.); 13.5 kW.
Transmits at intervals from 6.30 a.m. to 6.0 p.m.—Hungarian Transmission: Talk; Ilona Magyar (Pfte.). 6.45-8.55—See Prague. 8.55—See Brno. 9.55—See Prague. 10.15—News (Hungarian). 10.30-11.0—Records.

BRESLAU (Germany)
950 kc/s (315.8 m.); 100 kW.
Relayed by Gleiwitz, 1,231 kc/s (243.7 m.).
Transmits at intervals from 5.0 a.m. to 12.0 noon—Orchestra. 2.0—News. 2.15-3.0—Variety from Deutschlandsender. 4.0—Station Dance Band; at 5.0-5.10—Reading. 6.0—"Japan"—Book Review. 6.20—Talk. 6.30—Topical. 6.50—Announcements. 7.0—Symphony Concert. Conductor: Prade. Geza von Kresz (Violin). Suite, "Prometheus" (Beethoven). Violin Concerto in D (Beethoven). Variations on a Theme of Haydn (Brahms). Third Symphony (Brahms); at 8.0-8.10—News. 9.10—Topical. 9.15—"The Ode"—Sequence (Hultsch). 10.0—News. 10.10—Monthly Political Review (Recorded). 10.30-12.0 m't.—See Stuttgart.

BRNO (Czechoslovakia)
922 kc/s (325.4 m.); 32 kW.
Transmits at intervals from 6.30 a.m. to 8.55 p.m.—Station Orchestra. Conductor: Plichta, Kaslik (Flute). Overture in C (Mendelssohn). Excerpts, "Laurin" (Moszkowski). Romance (Saint-Saëns). Two Lyric Pieces (Grieg). Caprice (Glinka). 9.55-11.0—See Prague.

BRUSSELS (No. 1) (Belgium)

620 kc/s (483.9 m.); 15 kW.
6.37-9.5 a.m.—Records; Gym; News. 12.0 noon—Records. 12.30 p.m.—Shipping. 12.32—Salon Orchestra. 1.0—News. 1.10—Radio Orchestra. 1.30—Records. 2.0—Art Notes. 4.55—News. 5.0—Records: Symphony in B flat (Chausson). 5.30—For Children. 6.0—Talk. 6.15—Salon Orchestra. 6.50—Records. 7.0—For Workers. 7.15—Records: Sea Shanties. 7.30—News. 8.0—"The Sea"—Radio Orchestra. Conductor: Gason. Records in the intervals. Excerpt, "Peer Gynt" (Grieg). Là-bas très loin sur la mer (Gaubert). Records: (a) Le grand coureur (arr. Hayet). (b) Two Sailor Songs (Chagnon). Anvers, la fête du port (Brusselmans). Naples (Charpentier). Poems. Records: (a) Songs of the Sea, (b) Les marins de Surcouf (Tranchant), (c) Nous irons à Valparaiso (arr. Hayet). Escales (Ibert). "L'étoile noire"—Play (Peisson). Songs: (a) L'horizon chimérique (Fauré). De Grève (Debussy). Poems. En Bretagne (Baton). 10.0—News. 10.10-11.0—Records.

BRUSSELS (No. 2) (Belgium)

932 kc/s (321.9 m.); 15 kW.
Programme in Flemish.
6.37-9.5 a.m.—Records; Gym; News. 12.0 noon—Records. 12.31 p.m.—Radio Orchestra. Conductor: Douliez. 1.0—News. 1.10—Salon Orchestra. 1.30—Records. 2.0-2.3—Shipping. 4.55—News. 5.0—Salon Orchestra. 5.45—For Children. 6.30—Records of Rogatchevsky (Songs). 6.45—Talk. 7.0—K.V.R.O. Notes. 7.3—Records. 7.30—Art Review. 8.0—"Knokkebeem" (Hullebroeck). Conductor: Walpot. Talk in the interval. 9.50—Our Father (Wiertz). 10.0—News. 10.10-11.0—Records: Stealing through the Classics (arr. Somers).

BUCHAREST (Romania)

823 kc/s (364.5 m.); 12 kW.
Relayed by Radio - Romania (Brasov), 160 kc/s (1,875 m.).
Transmits at intervals from 5.30 a.m. to 6.3 p.m.—Records: Light and Dance Music. 7.0—Educational. 7.15—Records of Italian Singers. 7.45—Talk. 8.0—Zenaide Odobesco (Folk Songs). 8.20—Radio Orchestra. Conductor: Rogalski. Overture, "Die Fledermaus" (Strauss). Romanian Potpourri (Paschill). Adalusian Serenade (Armandola). Suite, "To My Country (Ochi-Albi). Potpourri, Garofita (Dmico). Rusticanelia (Cortopassi). By the Blue Hawaiian Waters (Kctéibey). 9.30—Sports; News. 9.45—Constantinescu Orchestra. 10.45—News (French, German, Romanian).

BUDAPEST (No. 1) (Hungary)

546 kc/s (549.5 m.); 120 kW.
Transmits at intervals from 6.45 a.m. to 12.0 noon—Chimes! 12.5 p.m.—Denes Koromzai ("Cello"). 12.45—News. 1.5—Police Band. 2.40—News. 3.0—Markets. 4.15—Talk. 4.45—News. 5.0—Records. 5.30—Talk: Singapore. 6.0—Radics Cigány Band. 6.45—For Farmers. 7.0—Station Orchestra. Overture, "Der Göttergatte" (Lehár). Begleitmusik (Farkas). Taran-tella (Farkas) Polka, Tritsch-Tratsch (J. Strauss). Harlequins Carnival (Losonczy). 7.30—"Cifra nyomorúság"—Play (Csiky). 9.10—News. 9.35—Opera Orchestra. Conductor: Messner. 10.46—Talk in German. 11.0—Dance Band. 12.5 a.m. (Friday)—News.

BUDAPEST (No. 2) (Hungary)

359.5 kc/s (834.5 m.); 18 kW.
6.15 p.m.—Talk. 6.45—Cigány Band. 7.5—English Lesson. 7.35—Orchestra; at 8.15—News. 9.35—Records.

COLOGNE (Germany)

658 kc/s (455.9 m.); 100 kW.
Transmits at intervals from 5.50 a.m. to 12.0 noon—Programme from the Reich Garden Show, Essen. 1.0 p.m.—News.

1.15—See Frankfurt. 2.0—News. 2.15-3.0—Light Music. Schrammel Ensemble, Maria Lersch (Soprano). 3.45—Markets.

4.0—See Deutschlandsender. 5.0—Topical. 6.0—Light Classical Records. 6.50—Reading. 7.0—Light Classical Music. Conductor: Eysoldt. 7.45—Snapshots. 8.0—News. 8.10—Station Orchestra. Conductor: Eysoldt. Elfriede Dickob and Walter Wielsch (Pfte. Duo), Schwartz (Clarinet). Overture, "The Peasant Rogue" (Dvořák). Pftes.: Silhouettes (Arensky). Scherzo (Richard Strauss). Clarinet Concertino (Weber). Serenade (Rachmaninoff). Hungarian March, "The Damnation of Faust" (Berlioz). 9.10—"Drei Nächte um die Zisterne"—Play (Ettighoffer). 10.0—Time; News. 10.30-12.0 m't.—See Stuttgart.

DEUTSCHLANDSENDER (Germany)

191 kc/s (1,571 m.); 60 kW.
Transmits at intervals from 6.0 a.m. to 12.0 noon—See Breslau. 1.0 p.m.—Greetings. 1.45—News. 2.0—Variety. 3.0—Announcements. 3.15—"In the Woods and on the Heath"—Autumn Pictures with Hartwig (Baritone), etc. 4.0—Orchestra; at 5.0-5.10—Reading. 6.0—Sonata (Hausmann) by Käthe Grandt (Violin), the Composer (Pfte.). 6.20—Records. 6.40—A Visit to Charlie Mills' Stud. 7.0—Station Orchestra. Conductor: Stange. Overture, "The Seraglio" (Mozart). Excerpts, "Intermezzo" (R. Strauss). Prelude, "Island-Saga" (Vollerthun). Mazepa (Liszt). Variations on a Theme of Haydn (Brahms). En Saga (Sibelius). Hungarian March, "The Damnation of Faust" (Berlioz); at 8.0-8.10—News. 9.0—Topical. 9.15—"When Day is done..." Wolff Band, Batistic (Tenor), Ignatieff (Balalaika). 10.0—News. 10.30-10.45—Sonata in D (Bach) by Schulz (Viola da Gamba) and Pischner (Harpsichord). 11.0-12.0 m't.—Dance Records.

FRANKFURT (Germany)

1,195 kc/s (251 m.); 25 kW.
Cassel, etc. See Sunday.
Transmits at intervals from 6.0 a.m. to 12.0 noon—Orchestra. 1.0 p.m.—News. 1.15—Orchestra. 2.0—News. 2.10—"From Burgenland to Golden Vienna"—An Austrian Trip, with Records. 3.0—Talk; Markets. 3.15—For Children. 4.0—Constance Municipal Theatre Orchestra. Conductor: Wogritsch. 6.0—Topical. 7.0—Romantic Pfte. and Choral Music. Station Choir. Conductor: Bruchhaus. Gisela Sott (Pfte.). Am Brunnen vor dem Tore (Schubert-Rudolf). Songs (Schubert). Pfte.: Moment musical (Schubert). Songs (Schumann). Pfte.: Romance (Schumann). Songs (Brahms). Pfte.: Intermezzo in E (Brahms). Songs (Brahms). Pfte.: Intermezzo in E (Brahms). Choruses, "Rosamunde" (Schubert). 8.0—News. 8.10—See Hamburg. 9.15—Beethoven Concert. Station Orchestra. Conductor: von Sosen. Overture, "King Stephen." Fourth Symphony. 10.0—News. 10.30—See Stuttgart. 12.0 m't.-1.0 a.m. (Friday)—Serenade (Recorded). Variations (Rosza). Concerto (Rasch). From the Fields and Groves of Bohemia (Smetana). Nocturne (Trapp).

HAMBURG (Germany)

904 kc/s (331.9 m.); 100 kW.
Bremen, etc. See Sunday.
Transmits at intervals from 6.15 a.m. to 12.0 noon—Orchestra. Conductor: Döring. 1.0 p.m.—Midday Review. 1.15—See Frankfurt. 2.0—News. 2.15—Music. 3.0—Shipping. 3.15—Markets. 3.25—Records of Erna Sack (Soprano). 4.0—Light Music. Station Orchestra. Conductor: Secker. In the interval, Talk. 5.15—"New Quarters!"—Variety. 6.0—Young Spanish Youth Leaders visit Germany—Homeland Evening at Sagebiel. 6.25—Old War Comrades' Rally. 6.45—Shipping. 7.0—North German Folk Music (Records). 7.30—"The Lower Elbe"—Radio Picture (Hecker); Music by Tenne. Station Choir. Conductor: Gregor. Station Orchestra. Hinz (Speaker). 8.0—News.

THURSDAY (Sept. 30)

8.10—Station Dance Band, etc. Conductor: Hoffmann. 10.0—News. 10.15—September Sports Review. 10.30-12.0 m't.—See Stuttgart.

HILVERSUM (1,875 m.) (Holland)

160 kc/s; 10 kW until 5.40 p.m.; 150 kW from 5.40 p.m.
AVRO Programme.
7.40 a.m.—Records. 9.40—Service. 9.55—Records. 10.10—AVRO Orchestra. Conductor: Treep. 10.40—Reading. 11.5—AVRO Orchestra. Conductor: Treep. 12.10 p.m.—AVRO Dance Band. Conductor: Mossel. 12.40—Kovacs Lajos Orchestra. 1.10—Records. 1.40—Talk by J. Alving: Julius Hijman's "England and Queen Elizabeth." 2.10—Light Music. The Palladians, Palla (Organ), and Records. 3.40—For Hospitals. 4.10—Egbert Veen, Jr. (Violin), Egbert Veen, Sr. (Pfte.). 4.30—For Children. 5.10—Kovacs Lajos Orchestra. 6.10—Sports Talk. 6.40—Dorothy Stanton (Songs), Veen (Pfte.). 7.10—Talk by Dr. Max Euwe: Chess Champions. 7.40—Time; News. 7.50—Records. 8.40—AVRO Orchestra. Conductor: Treep. Henriette Bosmans (Pfte.). 9.10—Play after Speyer (Willink). 9.45—Palla (Organ). Nina Dolce (Violin). 10.10—AVRO Dance Band. Conductor: Mossel. 10.40—News. 10.50—Dance Band (contd.). 11.20-11.40—Records.

HILVERSUM (301.5 m.) (Holland)

995 kc/s; 15 kW until 5.40 p.m.; 60 kW from 5.40 p.m.
7.40-8.55 a.m.—KRO Programme: Records. 9.40-10.40 NCRV Programme: Records and Religious Programme. 10.40 a.m.-1.40 p.m.—KRO Programme. 10.40—Records. 11.10—Religious Address. 11.40—News. 11.45 (approx.)—KRO Orchestra; Conductor: van 't Woud, and Records. 1.40 till Close—NCRV Programme. 1.40—Hobbies. 2.40—Mlle Takken (Pfte.). 3.25—Bible Reading. 4.25—Bute (Organ). 6.10—Records; Talks; News; Reports. 7.40—News. 7.45 (approx.)—NCRV—Orchestra. Conductor: v. d. Hurk; at 8.40—Talk; at 9.40—News. 10.25—Gym. 10.40-11.40—Records; Bible Reading.

KALUNDBORG (Denmark)

240 kc/s (1,250 m.); 60 kW.
Relays Copenhagen, 1,176 kc/s (255.1 m.).
Transmits at intervals from 7.0 a.m. to 12.0 noon-2.0 p.m.—Andersen String Ensemble. 2.40—Brahms Music by Aage Forcier (Pfte.). 3.0—Julian Orchestra. 4.5—For Boys. 4.50—Announcements. 5.0—Poems. 5.25—Weather; Exchange; "Markets." 5.50—Records: "May Time"—Film. 6.15—Talk. 6.35—English Lesson. 7.0—News. 7.30—September Political Review. 8.0—Records.

8.10—Second Thursday Concert from the State Broadcasting Building. Radio Symphony Orchestra. Conductor: Malko Lauritz Melchior (Tenor). Part I. Overture, "Haermaendene paa Helgeland" (Hartmann). Concerto grosso (Handel). Monologue, "Otello" (Verdi). Overture, "Luisa Miller" (Verdi). Ten Minutes Interval. Part II. Wagner. Prelude to Act III. "Tannhäuser" Rome Narration, "Tannhäuser" Funeral March, "The Dusk of the Gods." Walther's Prize Song and Overture, "The Mastersingers." 10.0—News; Talk. 10.40—Oiva Soini (Finnish Songs) (Härfelst, Palmgren, Kilpinen, Melartin). 11.0 p.m.-12.30 a.m. (Friday)—Petersen Dance Band; at 12.0 m't.—Chimes.

KÖNIGSBERG (Heilsberg) (Germany)

1,031 kc/s (291 m.); 100 kW.
Relayed by Danzig, 1,303 kc/s (230.2 m.).
Transmits at intervals from 5.0 a.m. to 12.0 noon-2.0 p.m.—See Frankfurt. 2.0—News; Talk; Variety. 2.55—Exchange. 3.30—Hints. 3.40—Dancing in the Village!

THURSDAY (Sept. 30)

4.0—Börschel Band. 6.0—Talks. 6.30—Sonata in D minor (Brahms) by Wilcken (Violin) and Grossmann (Pfte.). 6.50—Announcements. 7.0—October Almanac. 7.45—Topical. 8.0—News. 8.10—"Orpheus and Eurydice" (Gluck). Station Orchestra and Choir. Conductor: Mayer. Cast: Ruth Patzschke, Gisela Meyer, Ilse Rohse, etc. 10.0—News. 10.20-12.0 m't.—Records: Light and Dance Music.

LEIPZIG (Germany)

785 kc/s (382.2 m.); 120 kW. Relayed by Dresden, 1,285 kc/s (233.5 m.). Transmits at intervals from 5.50 a.m. 12.0 noon-2.0 p.m.—See Frankfurt. 2.0—News; Records. 3.0—Talk. 3.15—Dumky Trio (Dvořák). 3.50—Topical Talk from Rio de Janeiro. 4.0—Station Choir and Orchestra. Conductor: Weber; at 5.0—Markets. 6.0—Talk. 6.20—Records of Maria Müller, Schlusnus and Sigrid Onegin. 6.40—Periodicals. 7.0—News. 7.10—Light-hearted Music. Leipzig Symphony Orchestra. Conductor: Blumer; Fricke Band, Soprano, Baritone, etc.; at 8.0—News. 9.10—"Giants of Iron and Steel"—Sequence (Böhme). 10.0—News. 10.30-12.0 m't.—See Stuttgart.

LILLE (Radio PTT Nord) (France)

1,213 kc/s (247.3 m.); 60 kW. Transmits at intervals from 6.30 a.m. 6.0 p.m.—Mme Scrive-Menart and Beutin (Songs). 6.30—Light Music from Marseilles (PTT). 7.0—News. 7.35—Talk. 7.50—Light Music on Records. 8.0—Humorous Programme with Jeanne de Nys and Robert Villers. 8.30—Music-Hall. 10.30—News; Records.

LYONS (PTT) (France)

648 kc/s (463 m.); 100 kW. Transmits at intervals from 6.30 a.m. 8.30 p.m.—From the Opéra-Comique, Paris. After the Programme, News.

MONTE CENERI (Switzerland)

1,167 kc/s (257.1 m.); 15 kW. Transmits at intervals from 12 noon. 7.45 p.m.—News; Records. 8.30—Books. 8.40—Spanish Music. Barrosa (Tenor), Herschel (Pfte.). Alhambra de mis sueños (Alvarez). Pfte.: Sevillanas (Albeniz). Zorcico (Villar). Pfte.: Spanish Dance (Granados). Malaga Folk Songs (Anglada). Pfte.: Malagueñas (Albeniz). Asturian Folk Song (Ayllon). Pfte.: Spanish Dance (Granados). Granada Folk Song (Calleja). Pfte.: Danza de la pastora (Hallfer). Jota (Falla). Pfte.: Faruca (Falla). Por el humo, from "Dona Francisquita" (Vives). 9.30-10.0—Lanner and Strauss Waltz Records.

MUNICH (Germany)

740 kc/s (405.4 m.); 100 kW. Relayed by Nürnberg, 1,267 kc/s (236.8 m.). Transmits at intervals from 6.0 a.m. 12.0 noon—Records. 1.0 p.m.—News. 1.15—Orchestra. 1.45—News. 2.0—See Deutschlandsender. 3.0-3.20—"How Time flies!"—Sketch. 4.0—Instrumental. 4.40—Reading. 5.0—Grieg Concert. Orchestra. Conductor: Böhm. Guitendobler (Baritone), Wilhelmine Holzinger-Rauh (Pfte.). March, "Sigurd Jorsalfar." Two Songs. Overture, "Autumn." Erotika. Papillon. Suite No. 1, "Peer Gynt." Two Songs. Norwegian Dances. Two Pieces. Lyric Suite. A Wedding Day on Troldhaugen. 6.30—Weather; Markets. 6.40—Talk. 7.0—"Glück auf der Alm"—Upper Bavarian Singspiel (Kusche). 9.0—News. 9.10—Schubert Music. Schmid (Tenor) and a Quintet. Songs. String Quintet in C. 10.0—Time; News. 10.20—Report (Recorded); The Dagfling Jubilee. 10.30-12.0 m't.—See Stuttgart.

OSLO (Norway)

260 kc/s (1,153.8 m.); 60 kW. Fredrikstad, etc. See Sunday. Transmits at intervals from 11.10 a.m. 5.0 p.m.—Café Concert. 6.0—Religious Address. 6.25—Mme Herseth and Mme Wold (Song Duets). 6.50—News. 7.30—Time; Record. 7.35—Talk. 8.0—Mendelssohn Concert by the "Harmonien" Orchestra. Conductor: Heide. Seidel (Violin). Overture, "A Midsummer Night's Dream." Violin Concerto in E minor. 8.45—Medical Talk. 9.0—Light Music. 9.20—Theatre Notes. 9.40—News. 10.0—Topical. 10.15—Talk. 10.30-11.15—Variety Concert.

PARIS (Eiffel Tower) (France)

1,456 kc/s (206 m.) 7 kW. Transmits at intervals from 9.30 a.m. 2.30 p.m.—"Caliban"—Dramatic Scenes (Renan). 3.45—Markets. 4.0—Light Music from Limoges. 4.50—Markets. 5.0—Orchestra from Alpes-Grenobles. 5.45—Orchestra from Nice-Côte d'Azur. 6.30—Light Music from Marseilles (PTT). 7.0—News. 7.35—Talk. 7.50—Records. 8.0—To be announced. 8.30 (also Lyons (PTT))—From the Opéra-Comique.

PARIS (Poste Parisien) (France)

959 kc/s (312.8 m.); 60 kW. Transmits at intervals from 7.10 a.m. 12.0 noon—Exchange. 12.5 p.m.—Military Band Records. 12.15—For Children. 12.35—Exchange. 12.39—Records. 1.50—Film Notes. 2.0, 3.45, 4.35—Exchange. 5.0—News. 5.5—Records. Symphonie fantastique (Berlioz). Nocturne (Fauré). Andaluza (Falla). 6.0—News; Exchange. 6.10—For Children. 6.35—Records: "Daphnis et Chloé" (Ravel). 6.58—News. 7.10—Operetta Records. 7.25—Legal Talk. 7.45—Paris Programme with Hélène Regelly, presented by Jean Loup. 8.0—News. 8.10—Les Frères Jacasse. 8.15—Yolanda, presented by Jérôme Arnaud. 8.30—Records. 8.45—Talk. 9.0—News. 9.10—Records. 9.25—"En Correctionnelle." 9.55—News. 10.0—Report from the Press Section of the Paris Exhibition. 10.5—Records: Chamber Music. 10.30-11.0—Dance Records.

PARIS (PTT) (France)

695 kc/s (431.7 m.); 120 kW. Transmits at intervals from 6.30 a.m. 5.0 p.m.—Dance Music—Marlev Orchestra. 6.0—Mlle Hennebains (Organ) from the Schola Cantorum Studio. Seventeenth Century Fantasia. Variations on La Gaillarde Milanais (Canezon). Pieces (de Grigny). Chaconne in D minor (Pachelbel). Scherzo from the Second Symphony (Vieme). Piece (Tourmeire). Paraphrase carillon de la fête de l'Assomption (Tourmeire). 6.30—Maritzu Zarraga (Spanish Songs). La Conción del Olvido. (Serrano). Bulerias (Quiroga). Amapola (Lacalle). La Cucaracha (Cata - Nacho). Baila Mana (Monreal). 6.45—Back to School—Dialogue. 7.0—News. 8.0—Variety. 8.30—"Natacha"—Three-Act Play (Casova), Trans. by Jean Camp, by the "Art et Travail" Company. 10.30—News. 10.45-10.55—Records: Siegfried Idyll (Wagner), by the New York Philharmonic. Conductor: Toscanini.

PARIS (Radio-Paris) (France)

182 kc/s (1,648 m.); 80 kW. Time Signals at 7.15 a.m., 12.30 p.m. and 8.30 p.m. 6.50 a.m.—Records. 7.0—Gym. 7.15-8.30—Records; at 7.30—News. 10.15—For Young Workers. 10.30—For Women. 11.0—Records of French Conductors. 11.30—The Sea in Music—Records. 11.45—Protestant Address. 12.15 p.m.—Medical Talk. 12.30—Ellis Orchestra. 1.15—Mme Doniau-Blanc (Songs). 1.30—News; Review. 1.45—Orchestra (contd.). 2.0—"Immortal Lovers"—Records. 2.30—Suzanne Vidal (Songs). 2.45—Corsican Song Records. 3.0—Reading (Vicki Baum). 3.15—Talk: The Colonial Week. 3.30—"Bells"—Records. 3.45—"Alsace"

—Records. 4.0—Reading. 4.15—Talk: R. L. Stevenson in France. 4.30—"Mexico"—Records. 4.45—"Il ne faut jurer de rien"—Three-act Comedy (de Musset), by the Odion Players. 6.30—For Sportsmen. 6.45—Medical Talk. 7.0—Markets. 7.3—"Venice"—Records. 7.15—Mme Tremège (Songs). 7.30—Alice de Belleruche (Guitar). 7.45—Madeleine Drouot (Songs). Caecilie (R. Strauss). Schneeglöckchen (Schumann). Songs (Debussy): (a) Romance, (b) Le jet d'eau. 8.0—Home Affairs. 8.10—Foreign Affairs. 8.15—Reading. 8.30-11.0 (Also Bordeaux - Lafayette, Nice-Côte d'Azur and Montpellier (PTT))—Acts I, II and III, "Pelléas et Mélisande" (Debussy) from the Salle Gaveau. National Orchestra. Conductor: Inghelbrecht. Cast: Mmes Teugels and Duman, Mlle Gauley, Bourdin, Etchverry, Médus, Hazart; at 9.30—News.



Exclusive "World-Radio" Picture Anita Soler, who plays the title-part in "Natacha" to be broadcast from Paris (PTT) at 8.30 p.m.

PRAGUE (Czechoslovakia)

638 kc/s (470.2 m.); 120 kW. Transmits at intervals from 6.30 a.m. 5.10 p.m.—Pia Ivy (Songs). 5.40—For Farmers. 5.50—German Transmission: For Young People; For Farmers; Report. 6.45—News and Review (German). 7.0—News. 7.15—Concert from Moravská-Ostrava. 8.35—Review. 8.55—See Brno. 9.55—Record. 10.0—News. 10.15—Russian Lesson. 10.35-11.0—Records.

RADIO-MÉDITERRANÉE (France)

1,276 kc/s (235.1 m.); 27 kW. Transmits at intervals from 12.15 p.m. 7.0 p.m.—For Ex-Servicemen. 7.15—Variety Programme. 7.25—Amusement Guide; For Children. 7.30—Request Programme. 8.0—News; Exchange. 8.15—Jean Sirjo. 8.30—Music. 9.5—Weather. 9.10—Variety Programme. 10.0—News. 10.15—Dance Music.

RADIO-NORMANDIE (France)

1,113 kc/s (269.5 m.); 15 kW. 6.45 a.m.—Band. 7.0—Chansonnettes; News. 7.45—Physical Exercises. 8.0—Songs. 8.15—Records. 8.30—Light Music. 9.15—Jack Hyton's Band. 9.30—Oliver Kimball. 9.45—Hildegarde. 10.0—Pontifical High Mass from Lisieux. 11.0—Symphony Music. 12.0 noon—Records. 12.20 p.m.—Band. 12.45—News. 1.0—For Children. 2.15—Sacred Music from Lisieux. 3.30—Paris Exhibition News. 3.45—Records. 4.0—John and Jane. 4.15—Records. 4.30—Band. 4.45—Music. 5.0—Records. 5.15—For Children. 5.30—Light Music. 6.0—Markets. 6.5—Orchestra. 6.45—Talk; News. 7.0—Concert. 7.50—News. 8.5—Records of the Troubadours. 8.20—Light Music. 8.40—Records of Chepfer (Songs). 9.0—Operetta Music. 9.45—Variety. 11.0—Café Concert. 11.45—News. 12.0 m't.—Midnight Melodies. 12.30-1.0 a.m. (Friday)—Dance Music.

REYKJAVIK (Iceland)

208 kc/s (1,442 m.); 16 kW. Transmits at intervals from 12.0 noon. 9.10 p.m.—Weather (Icelandic, German, English). 9.20—"Autumn"—Music. 9.55—Announcements. 10.0—Time; News. 10.30—Talk. 10.55—Instrumental Solos. 11.20—Radio Orchestra.

ROME (Italy)

713 kc/s (420.8 m.); 50 kW. Naples, etc. See Sunday. Transmits at intervals from 7.45 a.m. 5.15 p.m.—Dance Music. 5.50—Weather. 5.55-6.5—Talk. 6.50—Dopolavoro Notes. 7.0—Talk (Spanish); Music; Sports. 7.53—News in Foreign Languages. 8.30—Talk. 9.0—"Prime piogge"—Three-Act Play (Pea). 10.15—Songs. 10.45—Dance Music. 11.0—News. 11.15—News (English). 11.30-11.50—Dance Music.

SOTTENS (Switzerland)

677 kc/s (443.1 m.); 100 kW. Relayed by Geneva, 401 kc/s (748 m.). 12.29 p.m.—News. 12.40-1.30—Records. 5.0—Orchestra and Accordion. 6.0—Cookery. 6.20—Dance Records. 6.40—Chopin Records of Arthur Rubinstein. 7.0—Talk: Vintage Time. 7.10—Art and Book Review. 7.20—Talk: The Neuchâtel Vintage Festival. 7.30—Music. 7.45—News. 8.0—Schubert Concert. Radio Suisse romande Orchestra. Conductor: Haug. Overture, "Rosamunde." Fantasia in F minor (arr. Motte). 8.30—"L'Ecole des Gendres"—Three-act Comedy (Reymond). 10.0—Waltzes. Radio Suisse romande Orchestra. Conductor: Appia. Waltz, The Arabian Nights (Strauss). Dancing Nights (Coates). Waltz, The Nutcracker Suite (Tchaikovsky). Waltz, Gold and Silver (Lehar). 10.30-10.50—League of Nations Report.

STOCKHOLM (Sweden)

704 kc/s (426.1 m.); 55 kW. Motala, etc. See Sunday. Transmits at intervals from 7.20 a.m. 5.5 p.m.—Service. 5.30—Song Duets (Gounod) by Märta Byström and Ally Hallman. 5.45—Topical. 6.0—Records. 7.0—Talk by the Director of Programmes. 7.15—News. 7.30—A Play. 9.0—Radio Orchestra. Conductor: Grevillius. Fantasia on Two Angevin Folk-Melodies (Lceku). Intermezzo (Delius). Serenata (Casella). 9.45—News. 10.0-11.0—Opera Music. Radio Orchestra. Conductor: Grevillius. Tatiana Menotti (Songs). Overture, "Idomeneo" (Mozart). Aria, "Cosi fan tutte" (Mozart). Cavatina "The Barber of Seville" (Rossini). Intermezzo, "L'Amico Fritz" (Mascagni). Intermezzo, "La Habañera" (Laparra). Dance, "Philémon et Baucis" (Gounod). Arias, "Lakmé" (Delibes), "La Traviata" (Verdi). Dance of the Tumblers, "The Snow Maiden" (Rimsky-Korsakov).

STRASBOURG (France)

859 kc/s (349.2 m.); 100 kW. Transmits at intervals from 6.30 a.m. 7.50 p.m.—News. 8.0—News (German). 8.15—For Farmers (German). 8.30—Station Orchestra. Conductor: de Villers. Czermak (Cello). Ludwig (Trumpet), Pogoda (Pfte.). Divertissement (Lalo). "Cello Concerto (Lalo). Concertino for Trumpet and Strings (Risinger). "Cello and Pfte.: Sonata (Brahms). 10.30—News. 10.55—News (German).

STUTTGART (Germany)

574 kc/s (522.6 m.); 100 kW. Transmits at intervals from 5.0 a.m. 12.0 noon-2.0 p.m.—See Frankfurt. 2.0-3.0 and 4.0-6.0—See Deutschlandsender. 6.0—Topical. 7.0—Round the World on Records. 8.0—News. 8.15 (approx.)—"Voices in the Night"—A Late Summer Intermezzo (Brink); Music by Völkner (Recorded). 9.0—New Dance Records. 9.30—String Quartet in C minor (Brahms) by the Kleemann Quartet. 10.0—Time; News. 10.30—Light Music. Hollinger Band. Lili Grünwald (Zither). 12.0 m't.—1.0 a.m. (Friday)—See Frankfurt.

TOULOUSE (Radio-Toulouse) (France)

913 kc/s (328.6 m.); 60 kW. Transmits at intervals from 8.0 a.m. 6.0 p.m.—Light Music. 6.15—Orchestra. 6.40—Light Music. 6.55—News; Sports. 7.15—Mili-

tary Band. 7.45—Light Music; at 8.30—Fashions. 9.15—"Tout petit"—Fantasy. 9.30—Argentine Orchestra. 10.0—News. 10.15—Excerpts, "La Mascotte" (Audran). 10.30—Film Music. 10.45—Songs. 11.0—Jazz Band. 11.15—Chansonnettes. 11.35—Light Music. 11.50—News.

TURIN (No. 1) (Italy)

1,140 kc/s (263.2 m.); 7 kW. Milan (No: 1), etc., See Sunday. Transmits at intervals from 7.45 a.m. 5.0 p.m.—News. 5.15—Nuccia Natali (Soprano), Carlo Colobmo (Tenor). 5.50—Weather. 5.55-6.5—Talk. 6.50—Dopolavoro Notes. 7.0—Orchestra. Conductor: Ferruzzi. 7.40—News in Foreign Languages. 8.10—Time; News. 8.30—Talk. 9.0—"Adriana Lecouvreur" (Cilea). Conductor: Tansini. Chorus-Master: Consoli. Cast: Aurelio Marcatò, Giulio Tomei, Luigi Nardi, Francesco Valentino, Natale Villa, Ugo Cantelmo, Augusta Oltrabella, Ebe Stignani, Elena Benedetti, Maria Maruccci. In the intervals, Talk and Announcements. 11.0 (approx.)—Dance Music.

VIENNA (Austria)

592 kc/s (506.8 m.); 100 kW. Graz, etc. See Sunday. Transmits at intervals from 6.45 a.m. 5.25 p.m.—Isolde Ahlgrim (Hammer Clavier), with Introductory Talk. 6.0—Theatre Review. 6.10—Talks. 6.50—Science Notes. 7.0—News. 7.10—Topical. 7.25 (from Innsbruck)—Tyrolean Music. Mehrenstein Musikkapelle, etc. 8.25—Pfte. Concerto in A minor (Schumann) by Cortot and the London Philharmonic. Conductor: Sir Landon Ronald (Records). 9.0—Light Music. Station Orchestra. Conductor: Holzer. The Bohème Quartet. Rosner (Violin). Overture, "Rosamunde" (Schubert). Quartet: (a) Der Gaskassier (Track-Förster). (b) Sehnsucht, from Zu neuen Ufern (Benatzky). Violin: Ziegenweissen (Saraste). Intermezzo from Cavalleria rusticana (Mascagni). Quartet: (a) Sag beim Abschied leise "Servus!" (Kreuder), (b) Boo-hoo! (Hoffmann-Lombardo). Pot-pourri, Klingende Vision (Hruby). Quartet: Selection, "Millionen" (Stolz). Waltz, Das Leben ein Tanz (Kremser). Overture, "Der Opernball" (Heuberger). 10.10—News. 10.20-11.30—Station Dance Band; at 10.55—News.

WARSAW (Poland)

224 kc/s (1,339 m.); 120 kW. Cracow, etc. See Sunday. Transmits at intervals from 6.15 a.m. 12.3 p.m.—News. 12.15—For Farmers. 12.25-1.0 (from Cracow)—Salon Orchestra. Egyptian March (Strauss). Mein Lebenslauf ist Lieb und Lust (Strauss). Träume (Wagner). Album Leaf (Grünfeld). Minuet (Rózycki). Intermezzo (Richter). Caresse (Lipski). Krakoviak (Zelenski). 3.45—Economics. 4.0—For Children. 4.15—Sonata in A (Beethoven) by Lifan ("Cello" and Rosenbaum (Pfte.). 4.45—Reading. 5.0 (from Torun)—Warsaw Philharmonic. Conductor: Oziminski. Jakubczyk (Clarinet). Overture, "Fra Diavolo" (Auber). Selection, "I Pagliacci" (Leoncavallo). Sicilia (Blon). Two Norwegian Melodies (Grieg). Wiener Frauen (Strauss). Concert Polka for Clarinet and Orchestra (Volstedt). Gallop (Eilenberg). 5.50—Sports. 6.5—Talk. 6.10—Programme Notes. 6.15—Jazz Records. 6.50—Topical. 7.0—Play. 7.40—Topical. 7.50—Sports. 8.0 (from Lwów)—Seredynski Orchestra, Mierzejewski (Songs), Lipczynska and Altenberg (Pfte. Duo). 8.45—News. 8.55—For Farmers. 9.5 (from Lwów)—Concert of Light Music. 9.45—Reading. 10.0—Rose Bampton (Songs). 10.30—Maryla Jonas (Pfte.). Sonata in C (Galuppi). Sonata in F minor (Prokofiev). 10.50-11.0—News.

Oct. 1 FRIDAY

4 p.m.
BRESLAU, Orchestra.
COLOGNE, Sextet, Pftes.
DEUTSCHLANDSENDER and **LEIPZIG**, Roubour Orchestra.
FRANKFURT, Orchestra—Part I: Italian Music, Part II: New German Music.
HAMBURG, Concert—Dance Band, Trio, Male Voice Quartet, etc. **HILVERSUM** (1,875 m.), **KRO** Chamber Orchestra; at 4.40—Records.
KÖNIGSBERG, Records.
MÜNICH, Songs, Gamba, Harpsichord, Pftes. 4.40—Discussion.
STUTTGART, Symphony Orchestra.

5 p.m.
ATHLONE, 5.30—Orchestra, Soprano.
BERLIN, Brandenburg Concerto in D (Bach), 5.30—Week-end Hints. **BRESLAU**, Readings, 5.10—Orchestra. **BRUSSELS** (1), Dance Band, 5.20—Educational. 5.40—Accordion. **BRUSSELS** (2), Flemish Music—Orchestra, Songs, Cello. **BUDAPEST** (1), 5.30—Orchestra.
COLOGNE, "October"—Radio Calendar, 5.20—Songs, 5.50—German Romantic Music.
DEUTSCHLANDSENDER, Reading, 5.10—Band.
FRANKFURT, Orchestra (contd.).
HAMBURG, Concert (contd.). **HILVERSUM** (1,875 m.), **KRO** Chamber Orchestra. **HILVERSUM** (301.5 m.), 5.10—Records, 5.40—The Lucky Birds, Songs.
KÖNIGSBERG, Records.
LEIPZIG, Markets, 5.10—See Deutschlandsender. **LILLE**, Pftc. Sonata in C sharp minor (Beethoven) (Records), 5.15—Talk, 5.45—Quartets (Schumann, Grieg).
MÜNICH, Markets, 5.15—Orchestra, etc. (Recorded).
OSLO, Strauss Records, 5.25—Reading, 5.30—Records.
RADIO-PARIS, Poems, 5.8—Reading, 5.20—Films; Records; Songs.
STRASBOURG, 5.45—Orchestra.
STUTTGART, Records.
VIENNA, 5.25—Violin, 5.55—Sports.
WARSAW, Soprano, Violin, 5.50—Talk.

6 p.m.
ATHLONE, Orchestra, Soprano, 6.20—For Women, 6.35—News.
BERLIN, Band. **BEROMÜNSTER**, 6.35—Ländlers. **BRESLAU**, Interview, 6.20—Talks, 6.50—Notes. **BRUSSELS** (1), Talk, 6.15—Records, 6.30—Pftc. **BRUSSELS** (2), Fifteenth and Sixteenth Century Flemish Music with Commentary, 6.45—Flemish Songs and Poems.
BUDAPEST (1), Orchestra.
COLOGNE, Music (contd.), 6.30—Talk; Snapshots.
DEUTSCHLANDSENDER, "Kommt ein Vogel geflogen"—Play (Zeise), 6.25—Records, 6.40—Harvest Thanksgiving Festival.
FRANKFURT, Topical.
HAMBURG, Talk, 6.10—Music on Old Instruments (Couperin, Telemann), 6.40—Talk; Notes. **HILVERSUM** (1,875 m.), **KRO** Chamber Orchestra, 6.40—Notes; Talk. **HILVERSUM** (301.5 m.), The Lucky Birds, Songs, 6.10—Politics, 6.25—Records and Talk.
KÖNIGSBERG, Report, 6.10—Organ and Choir, 6.50—Notes.
LEIPZIG, Harvest Home—Folk Dances and Songs, 6.50—Review.
LILLE, Quartets (contd.), 6.30—Educational.
MÜNICH, Orchestra, etc. (contd.), 6.45—"Kulmbach"—Radio Picture.
OSLO, French, 6.25—Saxophone Quartet, 6.50—News.
PARIS (PTT), Songs, Pftc, 6.30—Records: "Louise" (Charpentier).
RADIO-NORMANDIE, Children's Corner, 6.45—Talk; News. **RADIO-PARIS**, For Women, 6.30—Talks.
STRASBOURG, Orchestra, 6.30—Educational. **STUTTGART**, Records, 6.30—Topical.
VIENNA, Talks.
WARSAW, Notes; Records; Talk.

7 p.m.
ATHLONE, Books, 7.15—Pftc. Duets, 7.35—"Poachers Doom"—Play (Cusex).
BERLIN, News, 7.10—Records.
BEROMÜNSTER, Talks, 7.45—News, 7.55—"Autumn." **BRES-**

LAU, News, 7.10—Band. In the interval—"A Soldier's Life"—Humorous Sequence (Arenz).
BENO, 7.30—Talk, 7.35—"Lucrezia" (Respighi). **BRUSSELS** (1), Notes, 7.15—Songs, 7.30—News. **BRUSSELS** (2), Flemish Songs and Poems, 7.30—Review.
BUCHAREST and **RADIO-ROMANIA**, Orchestra, 7.15—Educational, 7.35—Quartet in D (Rossini). **BUDAPEST** (1), Poems, 7.20—"Hunyadi László" (Erkel) from the State Opera.
COLOGNE, News, 7.20—Opera and Operetta Records.
DEUTSCHLANDSENDER, News, 7.10—Records.
FRANKFURT, News, 7.10—Orchestra—Viennese Operetta Music; Italian Opera Music; Wagner Music.
HAMBURG, News, 7.10—The Gateway of the World (1)—America, Part I: Reminiscences (Frank, Hausmann, Maasz), Part II: The U.S.A. in European and American Music. **HILVERSUM** (1,875 m.), Talk; Records, 7.40—News; Records. **HILVERSUM** (301.5 m.), Records, 7.10—Notes; Talk, 7.40—Songs, Pftc.

BERLIN, Echoes, 8.10—Band. **BEROMÜNSTER**, "Autumn", 8.15—Orchestra, 8.45—Talk. **BRATISLAVA**, Violin Concerto in D (Tchaikovsky), 8.40—Discussion. **BRESLAU**, Band, etc. (contd.). **BRNO**, "Lucrezia" (contd.), 8.30—Talk, 8.45—Saxophone. **BRUSSELS** (1), Orchestra, Songs. **BRUSSELS** (2), I.N.R. Symphony Orchestra, Recitations (Benoit, Gilson), 8.45—Talk. **BUCHAREST** and **RADIO-ROMANIA**, "Il Trovatore" (Verdi) (Records). **BUDAPEST** (1), "Hunyadi László" (contd.).
COLOGNE, Records (contd.).
DEUTSCHLANDSENDER, Orchestra, etc.
FRANKFURT, Orchestra (contd.).
HAMBURG, "The Gateway of the World" (contd.). **HILVERSUM** (1,875 m.), Ukrainian Choir and Records. **HILVERSUM** (301.5 m.), Songs, Pftc, 8.10—Talk, 8.40—Cabaret.
KALUNDBORG, Review, 8.10—"Under Vaergeraadt"—Folk Comedy (Gerlov). **KÖNIGSBERG**, Orchestra, Band, etc.

PRINCIPAL EVENTS

SYMPHONY CONCERTS
 8.0 Brussels 2: Benoit, Gilson.
 8.0 Leipzig: Reger, Brahms.
 8.0 Prague: Schumann's Second.
 8.20 Regional: Beethoven's Ninth.
 9.15 Stuttgart: Dvořák, Dressel.
LIGHT CONCERTS
 12.30 Radio-Paris: Pascal Orchestra.
 2.30 Kalundborg: Mogens Hansen's Ensemble.
 4.0 Deutschlandsender: Ramfour Band.
 5.0 Hilversum (1,875 m.): KRO Chamber Orchestra.
 7.10 Hamburg: "U.S.A. in Music."
 7.30 Stockholm: Naval Band.
 8.0 Brussels 1: Operetta music, etc.
 8.0 Warsaw: Operetta music.
 9.0 Turin: Orchestra.
 9.15 Stockholm: Light orchestral and vocal.
 10.10 Brussels 2: Light Flemish music.
 10.15 Oslo: Bergen Radio Orchestra.
 10.20 Munich: Serenade.
 10.20 Vienna: New Austrian Music.
OPERAS
 7.20 Budapest 1: "Hunyadi László" (Erkel).
 8.0 Bucharest: "Il Trovatore" (records).
 9.0 Rome: "Adriana Lecouvreur" (Cilea).
OPERETTA
 8.30 Lille (PTT): "Miss Decima" (Audran).
CHAMBER MUSIC
 5.0 Berlin: Brandenburg Concerto (Bach).
 6.0 Brussels 2: Sixteenth-century music.
 9.10 Cologne: Haydn, Mozart.
 10.15 National: The Kutcher String Quartet.
RECITALS
 6.10 Königsberg: Sacred organ music.
 6.30 Brussels 1: Pianoforte sonatas.
 9.50 Kalundborg: Latvian and Russian songs.
PLAYS
 2.30 Radio-Paris: "The Mystery Man."
 8.40 Vienna: "Against the Will" (Eichendorff).
 9.15 Beromünster: "Unhold Ohnesele."
LAST NEWS BULLETINS, see Monday
DANCE MUSIC
 5.0 Brussels 1; 9.20, Hilversum (1,875 m.); 10.30, Kalundborg; 10.35, Regional; 11.5, Budapest 1; 11.15, National, Turin.
MISCELLANEOUS
 8.30 Radio-Paris: "La Gazette de Montmartre."
 8.40 Hilversum (301.5 m.): Cabaret.

KALUNDBORG, News, 7.30—Talk. **KÖNIGSBERG**, News, 7.10—Talk, 7.40—Report.
LEIPZIG, News, 7.10—"Autumn"—Sequence (Duvigneau) with Music by Munkel. **LILLE**, News; Talks; Record.
MONTE CENERI, 7.44—News, 7.55—Records: Italian Folk Songs. **MÜNICH**, News, 7.10—"Scherzando"—Orchestra, Songs, Pftc.
OSLO, Notes, 7.45—Oboe.
PARIS (PTT), News. **POSTE PARISIEN**, News; Talks; Records, 7.45—Interlude, 7.55—News. **PRAGUE**, News, 7.15—Records, 7.30—Sketch.
RADIO-NORMANDIE, Records; at 7.20—Orchestra, 7.50—News. **RADIO-PARIS**, Records, 7.15—Exhibition News, 7.30—Songs, 7.45—Pftc. **ROME**, Talk (French); Music; Notes, 7.53—News in Foreign Languages.
SOTTENS, Review, 7.15—Interlude, 7.25—Micro-Magazine, 7.50—News. **STOCKHOLM**, News, 7.30—Naval Band, Songs.
STRASBOURG, News, 7.35—Talks, 7.50—News. **STUTTGART**, News, 7.15—Light Music.
TOULOUSE, 7.15—Excerpts, "The Damnation of Faust" (Berlioz), 7.45—Jazz. **TURIN**, Orchestra, 7.40—News in Foreign Languages.
VIENNA, News; Talk, 7.25—Popular Music.
WARSAW, Pftc, 7.30—Violin and Pftc.: Arpeggione Sonata (Schubert), 7.50—Sports.

8 p.m.
ATHLONE, Play (contd.), 8.20—The Mod Grand Concert from Dundee (Scottish Regional).

LEIPZIG, Symphony Concert from the German National Theatre, Weimar (Rege., Brahms, etc.). **LILLE**, 8.5—Dance Records, 8.15—Songs, 8.30—"Miss Decima" (Audran).
MONTE CENERI, Records (contd.), 8.30—To be announced.
MÜNICH, "Scherzando" (contd.).
OSLO, Oboe, 8.10—Play.
PARIS (PTT), J. B. Fauré, Baritone-Composer—Talk with Songs, 8.30—To be announced.
POSTE PARISIEN, 8.5—"La chanson du tiroir" (Deletré-Nohain), 8.35—La bonne histoire, 8.50—To be announced.
PRAGUE, Station Orchestra, Conductor: Szell, Second Symphony in C (Schumann).
RADIO-NORMANDIE, Xylophone, 8.20—Records, 8.45—Variety. **RADIO-PARIS**, Talks, 8.30—"The Montmartre Gazette"—Humorous Radio Journal; "Et recommence"—Revue (Cléroux). **ROME** and **TURIN**, News (contd.), 8.30—Notes.
SOTTENS, Pftc, 8.20—Finance, 8.40—Cabaret. **STOCKHOLM**, Band, etc. (contd.), 8.30—Report.
STRASBOURG, News (German), 8.15—Records, 8.30—Dramatic Programme from the Théâtre du Cartel, Paris. **STUTTGART**, Light Music, 8.15—Cabaret.
TOULOUSE, Light Music; at 8.45—Talk.
VIENNA, Ballad, 8.5—Modern German Literature, 8.40—"Wider Willen"—Comedy (Eichendorff).
WARSAW, Operetta Music, 8.45—News.

DEUTSCHLANDSENDER, Topical, 9.15—"In the Moonlight"—Orchestra, Choirs, etc.
EIFFEL TOWER, Chamber Music—Quartet, Songs, Pftc.
FRANKFURT, Orchestra (contd.), 9.15—"Great Deeds"—Sequence (Rieth).
HAMBURG, Records. **HILVERSUM** (1,875 m.), Records, 9.20—KRO Melodists, etc. **HILVERSUM** (301.5 m.), Cabaret, 9.10—Records, 9.40—Concert.
KALUNDBORG, Comedy (contd.), 9.50—Latvian and Russian Folk Songs. **KÖNIGSBERG**, Orchestra, etc. (contd.).
LEIPZIG, Concert (contd.).
LILLE, "Miss Decima" (contd.).
MONTE CENERI, To be announced, 9.30—Records of Gigli. **MÜNICH**, Song Records, 9.50—"Die Bürgschaft"—Ballad (Schiller).
OSLO, Play (contd.), 9.40—News.
PARIS (PTT), To be announced.
POSTE PARISIEN, To be announced. **PRAGUE**, **BRATISLAVA** and **BRNO**, To be announced.
RADIO-NORMANDIE, Prize-winning Singers of Rouen Conservatoire. **RADIO-PARIS**, Revue (contd.); at 9.30—News. **ROME**, "Adriana Lecouvreur" (Cilea).
SOTTENS, Cabaret, 9.40—League of Nations Report. **STOCKHOLM**, Report, 9.15—A Love Story in Folk Music, 9.45—News. **STRASBOURG**, Dramatic Programme (contd.).
STUTTGART, Cabaret, 9.15—Orchestra, Stross (Violin). (Dvořák, Dressel).
TOULOUSE, Light Music. **TURIN**, Orchestra.
VIENNA, Comedy (contd.).
WARSAW, Operetta Music, 9.45—Maeterlinck Commemoration.

9 p.m.
ATHLONE, Novelty Half-hour, 9.30—Variety:
BERLIN, Band, 9.15—Arrau (Pftc.). (Weber, Brahms).
BEROMÜNSTER, Talk, 9.15—"Unhold Ohnesele." **BRESLAU**, Band, etc. (contd.), 9.10—Motto, 9.15—"Young Germans outside the Reich"—Sequence (Reichling) with Music. **BRUSSELS** (1), Talk, 9.15—Orchestra, etc. (contd.). **BRUSSELS** (2), "Oedipus Rex"—Play after Sophocles (Cocteau), 9.45—Benoit Records. **BUCHAREST** and **RADIO-ROMANIA**, "Il Trovatore" (contd.).
BUDAPEST (1), "Hunyadi László" (contd.).
COLOGNE, To be announced, 9.10—"Haydn and Mozart"—Fassbender Trio.

10 p.m.
ATHLONE, Variety, 10.30—News.
BEROMÜNSTER, "Unhold Ohnesele," 10.30—Notes. **BRATISLAVA**, See Prague, 10.15—News (Hungarian), 10.30—See Prague. **BRESLAU**, News, 10.20—Talk, 10.30—See Deutschlandsender. **BRUSSELS** (1), News, 10.10—Records, 10.25—Music-Hall—Records, Discuse, etc. **BRUSSELS** (2), News, 10.10—Light Flemish Music—Orchestra, Songs. **BUCHAREST** and **RADIO-ROMANIA**, "Il Trovatore" (contd.), 10.45—News (French, German, Romania). **BUDAPEST** (1), "Hunyadi László" (contd.), 10.30—Cigány Band.
DEUTSCHLANDSENDER and **SOME GERMAN STATIONS**, News, 10.30—Band, Pftc. Duo.
EIFFEL TOWER, Chamber Music (contd.).
FRANKFURT, News, 10.30—Dance Band.
HAMBURG, News, 10.20—Report, 10.40—Symphony Orchestra. **HILVERSUM** (1,875 m.), KRO Melodists, etc. 10.10—News, 10.20—Dance Music; at 10.40—Records. **HILVERSUM** (301.5 m.), Concert, 10.10—Notes, 10.20—Service, 10.40—Records.
KALUNDBORG, Folk - Songs (contd.), 10.10—News, 10.30—Dance Band. **KÖNIGSBERG**, News, 10.20—Readings, 10.35—Music from Deutschlandsender.
LEIPZIG, News, 10.20—Report, 10.30—See Deutschlandsender. **LILLE**, "Miss Decima" (contd.), 10.30—See Paris (PTT).
MÜNICH, News, 10.20—Serenade—Orchestra, etc.
OSLO, Topical, 10.15—Orchestra. **PARIS (PTT)**, To be announced, 10.30—News, 10.45—Saint-Saëns Records. **POSTE PARISIEN**, To be announced. **PRAGUE** and **BRNO**, News, 10.20—Records, 10.30—Sokol Gymnastics.
RADIO-NORMANDIE, Singers (contd.). **RADIO-PARIS**, Revue (contd.), 10.30—Records, 10.45—News. **ROME**, "Adriana Lecouvreur" (contd.).
SOTTENS, Records. **STOCKHOLM**, Light Music. **STRASBOURG**, Dramatic Programme (contd.), 10.30—News, 10.55—News (German).
TOULOUSE, News, 10.15—Light Music. **TURIN**, Talk, 10.10—Abbado (Violin).
VIENNA, Comedy (contd.), 10.10—News, 10.20—New Austrian Music. Vienna Symphony Orchestra. Alsen (Bass), 10.55—News.
WARSAW, Orchestra, 10.50—News.

11 p.m.
BUDAPEST (1), News in English, 11.5—Film and Dance Records.
DEUTSCHLANDSENDER and **MOST GERMAN STATIONS**, Band, Pftc. Duo.
FRANKFURT, Dance Band.
HAMBURG, Symphony Orchestra. **HILVERSUM** (1,875 m.), KRO Boys, etc. 11.10—Records. **HILVERSUM** (301.5 m.), Records.
KALUNDBORG, Dance Band.
MÜNICH, Serenade (contd.).
POSTE PARISIEN, To be announced.
RADIO-NORMANDIE, Cabaret, 11.45—News. **RADIO-PARIS**, **LILLE** and **STRASBOURG**, Serenade with Doyen (Pftc.). (Dall'Abace, Mozart, Lalo Dukas). **ROME**, "Adriana Lecouvreur" (contd.); 11.15—News (English); Dance Music.
TOULOUSE, Light Music, 11.50—News. **TURIN**, News, 11.15—Dance Music.
VIENNA, Orchestra (contd.).

12 midnight
KALUNDBORG, Dance Band.
RADIO-NORMANDIE, Melodies, 12.30—Dance Music. **RADIO-PARIS**, **LILLE** and **STRASBOURG**, Concert (contd.).
STUTTGART, and **FRANKFURT**, Serenade on Records.
1 a.m. (Saturday)
RADIO-NORMANDIE, Dance Music.

FRIDAY (October 1)

NATIONAL

For Time Signals, see Monday. 10.15 a.m. (D)—Service. 10.30 (D)—Weather Forecast. 10.45 (D)—Talk. 11.0 (D)—For Schools. 11.50 (D)—Frederick Sharp (Baritone); C. H. Trevor (Organ). 12.30 p.m.—Lou Praeger's Band. 1.15 (D)—Birmingham Philharmonic String Orchestra; Harriet Cohen (Pfte.). 2.0 (D)—For Schools. 4.0 (D)—Swing Music Records. 4.30 (D)—The Doubtful Misfortune of Li Sing, by Neil Tuson. 5.0—Richard Crean Orchestra. 6.0—The First News. 6.25—The Alphas. 7.10—The Buckfast Monks and their Bees. 7.30—Six Hours Back. 8.0—Variety. 9.0—Orchestra Raymonde. 9.40—Third News. 10.0—Autumn Talks—Sir Richard Maconachie, Director of Talks. 10.15—Chamber Music: Kutcher String Quartet. 11.15—Maurice Winnick's Orchestra. 11.30-12.0—Dance Records.

REGIONAL

For Time Signals, see Monday. 10.15-10.45 a.m. (ex. Western)—National. 10.45 (ex. Western, Scottish)—BBC Northern Ireland Orchestra: Dorothy Rodgers (Contralto). 10.45 (Western, Scottish)—National. 11.50 (ex. Western, Scottish)—Gilbert Stacey and his Sextet. 12.30 p.m. (ex. Western, Scottish)—Louise Gargurevich (Pfte.). 1.15 (ex. Western, Scottish)—Records. 1.45 (ex. Western, Scottish)—Reginald Foort (BBC Theatre Organ). 2.0 (Scottish)—For Schools. 2.15 (ex. Western, Scottish)—BBC Empire Orchestra: Enid Cruickshank (Contralto). 2.55 (Scottish)—National. 3.15 (ex. Western, Scottish)—Carlton Hotel Orchestra. 3.45 (ex. Western, Scottish)—BBC Midland Orchestra, conducted by Leslie Heward. 5.0 (ex. Western)—Children's Hour. 5.0 (Western)—National. 6.0 (Regional, Northern, Scottish)—Medvedeff's Balalaika Orchestra. 6.0 (Midland)—Theatre Orchestra. 6.0 (Welsh)—Ivor Owen (Organ). 6.0 (N. Ireland)—Sibbald Treacy and his Rhythm Kings. 6.25 (ex. Midland, Northern, Western, Scottish)—BBC Orchestra (Section C): Phyllis Sellick (Pfte.). 6.25 (Northern)—Orchestra. 6.25 (Scottish)—Scottish Dances. 6.40 (Midland)—Male Voice Choir: Donald Sparrow (Pfte.). 6.50 (Scottish)—Talk by Scottish Programme Director. 7.5 (Scottish)—Saturday Sport. 7.15 (Scottish)—Gaelic News. 7.20 (ex. Northern, Western)—Regional Announcements. 7.20 (Northern)—Brief Chronicle. 7.25 (Scottish)—National Health Campaign in Scotland. 7.30 (ex. Western)—Second News. 8.0 (ex. Welsh, N. Ireland)—Conversation in the train. 8.0 (Welsh)—Opening of the new BBC Swansea Farming talk. 8.0 (N. Ireland)—Farming talk. 8.20 (ex. Northern, Welsh, Scottish)—Promenade Concert from Queen's Hall, London: Beethoven's Ninth. Jeanne Dusseau (Soprano); Margaret Balfour (Contralto); Parry Jones (Tenor); Harold Williams (Baritone); BBC Choral Society and Symphony Orchestra, conducted by Sir Henry J. Wood. 8.20 (Northern)—Hirsch String Quartet. 8.20 (Scottish)—Gaelic programme. 8.30 (Welsh)—Band: Tom Williams (Baritone). 9.0 (Northern)—Farming talk. 9.0 (Scottish)—Short Story. 9.15 (Welsh)—Out-of-doors. 9.20 (Northern)—Great Britain 25 Years Hence: Sir Francis Joseph, K.B.E. 9.20 (Scottish)—Wilfred Emery (Organ). 9.35 (ex. Western)—Star-Gazing: Huntley Wright. 9.45 (Western)—Coming Events. 10.25 (Western)—Poetry reading. 10.35 (ex. Western; Scottish 10.40)—Maurice Winnick's Orchestra. 10.35 (Scottish)—Sports News. 11.30 (ex. Western)—News Summary. 11.40-12.0—Records.

Hours of Transmission in British Summer Time.

ATHLONE (Ireland)

565 kc/s (531 m.); 100 kW. Dublin, etc. See Sunday. 1.30 p.m.—Records. 2.30-3.0—For Schools. 5.30—Irish Radio Orchestra and Eileen Gunning (Soprano). Carnival of Venice (Thomas). Selection, "Madame Pompadour" (Fall). Suite, Stars of the Desert (Woodforde-Finden). 6.30—For Women—Homecrafts, by Penelope O'Brien. 6.35—Irish News Feature. 6.45—News. 7.0—Books reviewed by Professor Edmund Curtis. 7.15—May Morris and Margaret Dowling (Pfte. Duets). 7.35—"Poachers Doom"—specially written Radio Play by Cusex. 8.20—Gaelic Programme from Scottish Regional. 9.0—Novelty half-hour. 9.30—Variety. 10.30—News. 11.0—National Anthem.

BARCELONA (EAJ1) (Spain)

795 kc/s (377.4 m.); 7.5 kW. Transmits at intervals from 9.0 a.m. 10.0 p.m.—Time; News; Records. 11.30—Jazz Records. 12.0 m't.—News (Italian, German, French, Portuguese, Spanish).

BERLIN (Germany)

841 kc/s (356.7 m.); 100 kW. Transmits at intervals from 6.0 a.m. 12.0 noon—See Stuttgart. 2.0—News. 2.15—Fierke Quintet. 3.15—Exchange; Markets. 3.35-4.0—Musical Trifles—Station Orchestra. Conductor: Willy Steiner. 4.30—Sports Talk. 5.0—Brandenburg Concerto in D (Bach) by Scheck (Flute), Kägi (Violin), Neumeyer (Harpichord) and the Scheck-Wenzinger Chamber Music Society. 5.30—Week-end Hints. 6.0—Kermbach Band. 7.0—News. 7.10—Records. 8.0—Evening Echoes. 8.10 (approx.)—Kermbach Band. 9.15—Claudio Arrau (Pfte.). Sonata in C (Weber). Variations and Fugue on a Theme of Handel (Brahms). 10.0—News. 10.30-12.0 m't.—See Deutschlandsender.

BEROMÜNSTER (Switzerland)

556 kc/s (539.6 m.); 100 kW. Relayed by Basle and Berne, 1,375 kc/s (218.2 m.). 6.15-6.35 a.m.—Gym. 12.0 noon—Three Overtures (Supplé). 12.29 p.m.—Time; News. 12.40-1.30—Concert. 4.30—For Women. 5.0—Programme from Zürich. 6.0—For Children. 6.30—For Children. 6.35—Ländlers. 7.0—Markets; Notes. 7.10—Talk. 7.40—Announcements. 7.55—"Autumn." 8.15—Radio Orchestra. Conductor: Bernhard. 8.45—Talk: Women and the Law. 9.15—"Unhold Ohneseele." 10.30-10.35—Announcements.

BRATISLAVA (Czechoslovakia)

1,004 kc/s (298.8 m.); 13.5 kW. Transmits at intervals from 6.30 a.m. 8.0 p.m.—Violin Concerto, in D (Tchaikovsky) by Ibl and the Station Orchestra. Conductor: Dyk. 8.40—Discussion, from Kosice. 9.0—To be announced. 10.0—See Prague. 10.15—News (Hungarian). 10.30-11.0—See Prague.

BRESLAU (Germany)

950 kc/s (315.8 m.); 100 kW. Relayed by Gleiwitz, 1,231 kc/s (243.7 m.). Transmits at intervals from 5.0 a.m. 12.0 noon—See Stuttgart. 2.0-3.0—News; Records. 4.0—Orchestra; at 5.0-5.10—Readings. 6.0—An Interview with Conscripts. 6.20—Talks; Announcements. 7.0—News. 7.10—Military Band. In the interval, "A Soldier's Life"—Humorous Sequence (Arenz). 9.10—Motto. 9.15—"Young Germans outside the Reich"—Sequence (Reichling), with Music. 10.0—News. 10.20—Talk. 10.30-11.30—See Deutschlandsender.

BRNO (Czechoslovakia)

922 kc/s (325.4 m.); 32 kW. Transmits at intervals from 6.30 a.m. 4.45 p.m.—Quartet (Kvapil), by the Moravian String Quartet. 5.10—Chess. 5.25—Lila Barvicová (Soprano). 5.40—German Transmission. 6.15—News. 6.20—For Workers. 6.30—For Scouts. 6.40—Labour Exchange. 6.45-7.30—See Prague. 7.30—Talk on the following Opera.

7.35—"Lucrezia" (Respighi), from the Olomouc Municipal Theatre. 8.30—Talk. 8.45—Cechura (Saxophone). 9.5-11.0—See Prague.

BRUSSELS (No. 1) (Belgium)

620 kc/s (483.9 m.); 15 kW. 6.37-9.5 a.m.—Records; Gym; News. 12.0 noon—Salon Orchestra. 12.30 p.m.—Shipping. 12.32—Mme Végairinsky-Chabot (Songs). 12.40—Records. 1.0—News. 1.10—Salon Orchestra. 1.30—Yvette Sam (Songs). 1.40—Records. 2.0—Art Notes. 4.55—News. 5.0—Brenders Dance Band: 5.20—Educational. 5.40—Burton (Accordion). 6.0—Talk. 6.15—Records. 6.30—Delvigne (Pfte.). Three Sonatas (Solér). Allegro (Granados). 7.0—Announcements. 7.15—Simonne Scoriels-Toussaint (Songs). 7.30—News. 8.0—Light Orchestral. Conductor: Souris. Lucienne d'Artevelle and Geodél (Songs). Overture, "Le voyage en Chine" (Bazin). Waltz, "The Count of Luxembourg" (Lehar). Selection, "The Vagabond King" (Friml). Songs (Lehar). Excerpts, "La Cocarde de Mimi Pison" (Goublier). Selection, "O Kay" (Gershwin). Selection, "La vie parisienne" (Offenbach). Waltz, "Monsieur Beaucaire" (Messager). Selection, "Le Comte Obligado" (Moretti). Songs (Ganne, Lecocq). March, "Le petit Duc" (Lecocq). Selection, "La-Haut" (Yvain). Selection, "No, No, Nanette" (Youmans). March, (d'Hazet); at 9.0-9.15—Talk. 10.0—News. 10.10—Records. 10.25—Music-Hall—Records, Discuse, etc. 11.0—La Brabançonne.

BRUSSELS (No. 2) (Belgium)

932 kc/s (321.9 m.); 15 kW. Programme in Flemish. 6.37-9.5 a.m.—Records; Gym; News. 12.0 noon—Records: Flemish Songs. 12.31 p.m.—Radio Orchestra. Conductor: Douliez. 1.0—News. 1.10—Orchestra (contd.). 1.30—Records. 2.0-2.3—Shipping. 4.55—News. 5.0—Flemish Music. Salon Orchestra. Conductor: Féron. Madeleine de Beurme (Songs). Mondalt (Cello). 6.0—Fifteenth and Sixteenth-Century Flemish Music by the Society for Old Music, with Commentary. Flore Moulart-Maes (Songs). Wohlauf, gut Gell (Heinrich Isaac). Der Hund (Willært). Ricercar (Willært). Songs to the Lute: (a) Misericorde (Clemens non Papa), (b) Quand ma souvient (Crecquillon). Le serviteur (Tadighen). Songs to the Viola da Gamba: (a) Vergine pura (de Rore), (b) O bene mio (Willært). Dances (Susato and Phaleisus). 6.45—Flemish Songs by Mina Bolotine (Mezzo-Soprano), with Flemish Poems in the intervals. 7.30—I.N.R. Review. 8.0—I.N.R. Symphony Orchestra. Conductor: André Van Schoeland (Recitations). Overture, "La Pacification de Gand" (Benoit). La mer (Gilson). 8.45—Talk by the Programme Director. Theo de Ronde. 9.0—"Oedipus Rex"—Play after Sophocles (Cocteau); Flemish translation by Buckinx. 9.45—Benoit—Records. 10.0—News. 10.10-11.0—Light Flemish Music. Radio Orchestra. Conductor: Douliez. Van Schoeland (Songs).

BUCHAREST (Romania)

823 kc/s (364.5 m.); 12 kW. Relayed by Radio Romania (Brasov), 160 kc/s (1,875 m.). Transmits at intervals from 5.30 a.m. 6.3 p.m.—Light Music by the Sibiceanu Orchestra. 7.15—Educational. 7.35—Quartet in D for Wind Instruments (Rossini). 8.0—"Il Trovatore" (Verdi) (Records). 10.45—News (French, German, Romanian).

BUDAPEST (No. 1) (Hungary)

546 kc/s (549.5 m.); 120 kW. Transmits at intervals from 6.45 a.m. 12.5 p.m.—Pfte.; News; Songs. 1.30—Lajos Kiss Cigány Band. 2.40—News. 3.0—Markets. 4.15—For Schools. 4.45—News. 5.0—Talk.

5.30—Station Orchestra. October, from "The Seasons" (Tchaikovsky). Overture (Adam). Suite (Korngold). Excerpts from "Where the Lark sings" (Lehár). Selection from "La Bohème" (Leoncavallo). Rhapsody in C (Dohnányi). Three Pieces (Poldini). Foxtro, Budapest (Zakál). In the interval, Sports. 7.0—Poems. 7.20—"Hunyadi László" (Erkel) from the State Opera. In the intervals, Foreign Affairs; News. 10.30—Farkas Cigány Band. 11.0—News in English. 11.5—Film and Dance Records. 12.5 a.m. (Saturday)—News.

BUDAPEST (No. 2) (Hungary)

359.5 kc/s (834.5 m.); 18 kW. 6.15 p.m.—Shorthand. 6.50—Readings. 8.0—News. 8.25—Records. 9.5—Jazz Band. 10.5—Cigány Band.

COLOGNE (Germany)

658 kc/s (455.9 m.); 100 kW. Transmits at intervals from 5.50 a.m. 12.0 noon—See Stuttgart. 2.0—News. 2.15—Orchestra. 3.0-3.15—Books. 3.45—Markets. 4.0—Light Music—Sextet, Pftes. 5.0—October—Radio Calendar (Kohlhaas). 5.20—Songs. 5.50—German Romantic Music—Habernicht (Baritone), Hühnerfürst (Bassoon), Weber (Horn) and Haass (Pfte.). Ballad, Heinrich der Vogler (Löwe). Bassoon and Pfte.: Ongärese (Weber). Pfte.: Moments musicaux (Schubert). Songs (Schumann, Wolf). Horn and Pfte.: Adagio and Allegro (Schumann). 6.30—Talk. 6.50—Snapshots. 7.0—News. 7.20—Opera and Operetta Records. 9.0—To be announced. 9.10—Haydn and Mozart—the Fassbender Trio. 10.0—Time; News. 10.30-12.0 m't.—See Deutschlandsender.

DEUTSCHLANDSENDER (Germany)

191 kc/s (1,571 m.); 60 kW. Transmits at intervals from 6.0 a.m. 12.0 noon-1.45 p.m.—See Hamburg. 1.45—News. 2.0—Variety. 3.0—Announcements. 3.15—Children's Choir. 3.40—Songs and Music by Girls. 4.0—Rambour Orchestra; at 5.0—Reading. 6.0—"Kommt ein Vogel geflogen"—Play (Zeise). 6.25—Records. 6.40—Harvest Thanksgiving Festival—Gay Rehearsal with Village Children. 7.0—Motto; News. 7.10—New Records. 8.0—Concert from Saarbrücken. Orchestra. Conductor: Jung. Johannes Strauss (Pfte.). Bus (Violin) and Hager (Clarinet). 9.0—Topical Events. 9.15—"In the Moonlight"—Station Orchestra and Choirs, Hildegard Erdmann (Soprano), Elisabeth Ide (Contralto), de Vogt (Baritone), etc. 10.0—News. 10.30-12.0 m't.—Bauschke Band, Emmy and Thomas Thomassen (Pfte. Duo).

FRANKFURT (Germany)

1,195 kc/s (251 m.); 25 kW. Cassel, etc. See Sunday. Transmits at intervals from 6.0 a.m. 12.0 noon—See Stuttgart. 2.0 p.m.—News; Records. 3.0-3.15—Talk; Exchange. 4.0—Orchestra. 6.0—Topical. 7.0—News. 7.10—Station Orchestra. Conductor: Sosen. Part I: Viennese Operetta Music. Overture, "Gasparone" (Millöcker). Selection, "Light Cavalry" (Supplé). Polka and Czardas, "Ritter Pasmann" (Strauss). Waltz, Roses from the South, from "The Queen's Kerchief" (Strauss). Prelude, "The Land of Smiles" (Lehár). Part II: Italian Opera Music. Overture, "The Force of Destiny" (Verdi). Ballet, "Orthello" (Verdi). Music, "Gianni Schicchi" (Puccini). Part III: Wagner Music. Overture, "Die Feen." Venusberg Music, "Tannhäuser." Siegfried's Rhine Journey, "The Dusk of the Gods." 9.15—"Great Deeds"—Sequence (Rieth). 10.0—Time; News. 10.30—Burkart Dance Band. 12.0 m't.—1.0 a.m. (Saturday)—See Stuttgart.

HAMBURG (Germany)

904 kc/s (331.9 m.); 100 kW. Bremen, etc. See Sunday. Transmits at intervals from 6.15 a.m. 12.0 noon—Concert from Bremen.

2.0—News. 2.15—Light Music. 3.0—Shipping; Markets. 3.25—Folk-Songs by the Station Choir. 4.0—Concert from Hamburg Radio Exhibition. Station Dance Band. Conductor: Hoffmann. Women's Trio and Male Voice Quartet, Saxophone Quartet, Beckmann and Gregor (Pftes.) and Grothey (Accordion). In the intervals, Talks. 6.0—Talk. 6.10—Music on Old Instruments—Dobritz (Viola d'amore), Grützbach (Gamba), Therstappen (Harpichord). Concert royal in A (Couperin). Concerto in E (Telemann). 6.40—Talk. 6.50—Shipping. 7.0—News. 7.10—"The Gateway of the World" (1)—America. Part I: Reminiscences by Wolfgang Frank, Manfred Hausmann and Waldemar Maasz. Part II: The U.S.A. in European and American Music. Station Orchestra. Conductors: Röder and Scheffler. Stech (Pfte.). Symphonic Variations on "Swanee River" (Scheffler). Pfte. and Orchestra: Indian Fantasia (Busoni). Excerpts from Suite No. 2 (MacDowell). Spoon River Dance (Scheffler). Fugue on the Song, "Dixie" (Janssen).

9.0—Records: Light Classical Music. 10.0—News. 10.20—Report (Recorded): Bird Watchers on the Kurisches Haff. 10.40-12.0 m't. (from Hanover)—Symphony Orchestra. Conductor: Koch. Overture, "Phédre" (Massenet). Adagio and Finale from the Suite, Roma (Bizet). Pieces (Grieg): (a) Herzwunden, (b) Letzter Frühling. Hellafest (Humperdinck). Legendus (Dvorák). Concert, Waltz (Glazunov). Overture, Alphonso und Estrella" (Schubert).

HILVERSUM (1,875 m.) (Holland)

160 kc/s; 10 kW until 4.40 p.m.; 150 kW from 4.40 p.m. KRO Programme. 7.40-8.55 a.m.—Records. 9.40—Records. 11.10—Religious Address. 11.40—News; Records. 1.40 p.m.—KRO Melodists, Klein Jr. (Songs). In the interval, Records. 3.25—Records. 3.45—KRO Chamber Orchestra. Conductor: Reimards. 4.40—Records. 5.0—Orchestra (contd.). In the interval, Talk. 6.40—News; Talk; Records. 7.40—News; Records. 8.0—Ukrainian Choir. Conductor: Potorjinski. Records in the intervals. 9.0—Records. 9.20—KRO Melodists. Conductor: Lustenhouwer. Klein Jr. (Refrains). 10.10—News. 10.20 (approx.)—Dance Music by the KRO Boys. Klein Jr. (Refrains); at 10.40—Records. 11.10-11.40—Records.

HILVERSUM (301.5 m.) (Holland)

995 kc/s; 15 kW until 4.40 p.m.; 60 kW from 4.40 p.m. 7.40-9.40 a.m.—VARA Programme: Records. 9.40—VPRO Service. 10.0-11.40—VARA Programme. 10.0—Recitations. 10.20—Masha Polak (Violin). 10.50—Recitations. 11.10—Records. 11.40 a.m.-3.40 p.m.—AVRO Programme. 11.40—Time. 11.41—Kovacs Lajos Orchestra and Records. 1.40—Peronne Hosang (Recitations). 2.10—Records: Chamber Music. 2.55—AVRO Dance Band. Conductor: Mossel. 3.40-7.10—VARA Programme. 3.40—Coba Kuurstra (Songs), Krol (Cello), and Solange Cats (Pfts.). 4.10—Records. 4.40—For Children. 5.10—Records. 5.40—The Lucky Birds. Conductor: Vogel. v Dongen (Songs). 6.10—Weekly Political Review. 6.25—Records and Talk. 7.10-8.40—VPRO Programme. 7.10—Announcements; Talk. 7.40—Mlle E. Vermeulen (Songs), Schouwman (Pfte.). 8.10—Literary Talk. 8.40-10.20—VARA Programme. 8.40—Cabaret. 9.10—Records. 9.40—Concert by Fantasia. Conductor: Walis. 10.10—Announcements. 10.20—VPRO Service. 10.40-11.40—VARA Programme: Records.

KALUNDBORG (Denmark)

240 kc/s (1,250 m.); 60 kW. Relays Copenhagen, 1,176 kc/s (255.1 m.). Transmits at intervals from 7.0 a.m. 12.0 noon - 2.0 p.m.—Andersen

String Ensemble from the Bellevue Strandhotel. 2.30—Mogens Hansen's Ensemble; at 3.5—For Women. 4.20—For Children. 4.50—Announcements. 5.0—Talk: Snoldelev Church. 5.25—Weather. 5.40—Exchange; Markets. 5.50—Records. 6.15—Talk. 6.35—German Lesson. 7.0—News. 7.30—Talk: The Workers' Mutual Benefit Society. 8.0—Weekly Review. 8.10—"Under Vaergeraadet"—Five-Act Folk Comedy (Gerlov). 9.50—Latvian and Russian Folk Songs by Lubov Kusnezova. 10.10—News. 10.30 p.m.—12.30 a.m. (Saturday)—Brink Dance Band from the Ritz; at 12.0 m't.—Chimes.

KÖNIGSBERG (Heilsberg) (Germany)
1,031 kc/s (291 m.); 100 kW. Relayed by Danzig, 1,303 kc/s (230.2 m.). Transmits at intervals from 5.0 a.m. 12.0 noon—See Stuttgart. 2.0—News; Talk. 2.15—Variety. 2.55-3.0—Exchange. 3.35—Talk. 4.0—Records. 6.0—Report: The Nation's Food. 6.10—Sacred Music. Hartung (Organ), and Choir. 6.50—Announcements. 7.0—News. 7.10—Book Talk. 7.40—Report: Bird Watchers on the "Kurisches Haff." 8.0—Variety Concert. Station Orchestra. Birschel Band, Hans Hellhoff and Peter Arco. 10.0—News. 10.20—Readings. 10.35—12.0 m't.—Music from Deutschlandsender.

LAHTI (Finland)
166 kc/s (1,875 m.); 150 kW. Relayed by Helsinki, 895 kc/s (335.2 m.). Transmits at intervals from 7.5 a.m. 7.5 p.m.—Symphony Concert. Helsinki Municipal Orchestra. Conductor: Hannikainen. Borowsky (Pfte.). 8.45—News (Finnish, Swedish). 9.10-11.0—Records.

LEIPZIG (Germany)
785 kc/s (382.2 m.); 120 kW. Relayed by Dresden, 1,285 kc/s (233.5 m.). Transmits at intervals from 5.50 a.m. 12.0 noon—Band. 1.0 p.m.—News. 1.15—Orchestra. 2.0—News. 2.15—Records. 3.10—Talk. 3.30—Il trillo del diavolo (Tartini) by Garvens (Violin) and Burgert (Pfte.). 3.50—Books. 4.0—See Deutschlandsender; at 5.0-5.10—Markets. 6.0—"Harvest Home"—Folk Dances and Songs—Station Choir, Edith Hasselmann (Soprano), Einhorn (Tenor), Rümmler (Flute), Schrepper (Violin), Göpelt (Guitar), Anton (Bassoon). 6.50—Evening Review. 7.0—News. 7.10—"Autumn"—Sequence (Duvigneau), with Music by Munkel. Fricke Band, Edith Hasselmann (Soprano), Göpelt (Baritone) and Eise Pfaff (Speaker). 8.0—Symphony Concert from the German National Theatre, Weimar. Weimar Municipal Orchestra. Conductor: Sixt. Margarethe Klose (Soprano), Hiller Variations (Reger), Arias and Songs. First Symphony (Brahms). 10.0—News. 10.20—Art Report. 10.30-12.0 m't.—See Deutschlandsender.

LILLE (Radio PTT Nord) (France)
1,213 kc/s (247.3 m.); 60 kW. Transmits at intervals from 6.30 a.m. 5.0 p.m.—Pfte. Sonata in C sharp minor (Beethoven) by Kempff (Records). 5.15—Talk: The Exhibition. 5.45—Chamber Music. Quartet with Pfte. (Schumann). String Quartet (Grieg). 6.30—Educational. 7.0—News. 7.35—Talks. 7.50—Records. 7.55—For Farmers. 8.5—Dance Records. 8.15—Mlle Marnelle (Songs). 8.30—"Miss Decima" (Audran). 10.30-10.55—See Paris (PTT). 11.0 p.m.—1.0 a.m. (Saturday)—See Paris (Radio-Paris).

LYONS (PTT) (France)
648 kc/s (463 m.); 100 kW. Transmits at intervals from 6.30 a.m. 7.50 p.m.—Records. 8.0—Talks. 8.30-10.30—See Paris (Eiffel-Tower)—10.30—News; Records. 11.0 p.m.—1.0 a.m. (Saturday)—See Paris (Radio-Paris).

MONTE CENERI (Switzerland)
1,167 kc/s (257.1 m.); 15 kW. Transmits at intervals from 12.0 noon. 12.0 noon—Records. 12.30 p.m.—News. 12.40—Records. 1.30-1.45—Sports.

5.0-6.0—See Beromünster. 7.44—News. 7.55—Records: Italian Folk-Songs. 8.30—To be announced. 9.30-10.0—Records of Gigli.

MÜNICH (Germany)
740 kc/s (405.4 m.); 100 kW. Relayed by Nürnberg, 1,267 kc/s (236.8 m.). Transmits at intervals from 6.0 a.m. 12.0 noon—Orchestra. 1.45 p.m.—News. 2.0—See Deutschlandsender. 3.0-3.15—Talk. 4.0—Chamber Music. 4.40—Discussion. 5.0—Markets. 5.15—Vocal and Orchestral (Recorded). 6.45—"Kulmbach"—Radio Picture. 7.0—News. 7.10—"Scherzando." Orchestra. Conductor: Winter. Annemarie Bischoff (Soprano), Vogel (Bass) and Staab (Pfte.). Overture, "Der Kobold" (Pacherweg). Songs (Schubert, Wolf). Movement, Symphony No. 8 (Beethoven). Rondo (Beethoven). Scherzo capriccioso (Dvořák). Pfte.: Excerpts, "Ein Faschings-schwank aus Wien" (Schumann). Overture (Maurice). Scherzo (Pfitzner). Songs (Loewe, Schumann). Scherzo (Bruckner). Der Schneider Jahrestag (Burkhart). Scherzo (Ek). Till Eulenspiegel (Strauss). 9.0—Records: Beautiful Voices. 9.50—"Die Bürgschaft"—Ballad (Schiller). 10.0—Time; News. 10.20-12.0 m't. (from Nürnberg)—Serenade—Orchestra. Conductor: Böhm. Brombacher (Tenor), Kirch (Wurlitzer Organ), Gröschel (Pfte.).

OSLO (Norway)
260 kc/s (1,153.8 m.); 60 kW. Fredrikstad, etc. See Sunday. Transmits at intervals from 11.10 a.m. 6.0 p.m.—French Lesson. 6.25—Saxophone Quartet. Lady Fingers (Glogan). Deep River. Swing low, sweet chariot. Torch Dance (German). Air de ballet (Massenet). Air (Chaminade). Piece (Macomber). 6.50—News. 7.30—Time; For Farmers. 7.45—Lahnstein (Oboc). Theme and Variations (Weismann). Pastorale (Laurischkus). Two Arab Dances (Laurischkus). Humoresque (Nielsen). 8.10—Play. 9.40—News. 10.0—Topical. 10.15-11.0—Radio Orchestra.

PARIS (Eiffel Tower) (France)
1,456 kc/s (206 m.); 7 kW. Transmits at intervals from 10.15 a.m. 8.30 p.m.—Concert, with Mlle Largillière (Songs). 9.0—Chamber Music—Ortambert Quartet, Madeleine White (Songs) and Hélène Pignari (Pfte.). Quartet (Dalayrac). Songs. Pfte. Pieces. String Quartet in A (Schubert).

PARIS (Poste Parisien) (France)
959 kc/s (312.8 m.); 60 kW. Transmits at intervals from 7.10 a.m. 12.0 noon—Exchange. 12.5 p.m.—Records; at 12.35—Exchange. 2.0, 3.45, 4.35—Exchange. 5.0—News. 5.5—Cabaret. 6.0—News. 6.10—Old French Song Records. 6.15—Bridge. 6.30—Records. 6.58—News. 7.10—The Event of the Week. 7.15—Records of the Lecuona Orchestra. 7.45—Interlude. 7.55—News. 8.5—"La Chanson du Tiroir" (Deleltre-Nohain). 8.35—"La bonne histoire." 8.50-12.0 m't.—To be announced.

PARIS (PTT) (France)
695 kc/s (431.7 m.); 120 kW. Transmits at intervals from 6.30 a.m. 6.0 p.m.—Sternberg-Sellier (Songs). 6.15—Henriette Roget (Pfte.). Waltz and Rumba (Roget). Les muletiers devant le Christ de Liviva (de Séverac). Andaluza (Falla). 6.30—Records: "Louise" (Charpentier). 7.0—News. 8.0—J. B. Fauré, Baritone-Composer—Talk by Jacques Brindejont-Oudon, with Yvon Le Marc'Hadour (Songs). 8.30—To be announced. 10.30—News. 10.45-10.55—Saint-Saëns Records. Prelude to "Le Déluge," by Thibaud (Violin). Etude en forme de valse, by Cortot (Pfte.).

PARIS (Radio-Paris) (France)
182 kc/s (1,648 m.); 80 kW. Time Signals at 7.15 a.m., 12.30 p.m., 8.30 p.m. and 10.45 p.m. 6.50 a.m.—Records. 7.0—Gym. 7.15—Records. 7.30—News. 8.0-

8.30—Records. 10.15—Records: Quartets (Lalo, Fauré, Milhaud). 10.45—Records: "Samson and Delilah" (Saint-Saëns). 11.15—Records. 11.40—Review. 11.45—Jewish Talk. 12.15 p.m.—For Mothers. 12.30—Light Music—Pascal Orchestra. 1.15—Taleyrac (Songs). 1.30—News; For Ex-Servicemen. 1.45—Light Music (contd.). 2.0—Reading (Gautier). 2.15—Talk: Paris Theatres. 2.30—"The Mystery Man"—Three-Act Play (de Lorde-Binet). 4.0—Records. 4.15—Mlle Azéma (Songs). 4.30—Records: Chaconnes. 4.45—Rougenet (Songs). 5.0—Poems (de Vigny) by Mlle Nizan. 5.8—Reading. 5.20—Films. 5.30—Records: Ronsard Poems to Music. 5.45—Marguerite Delattre (Songs). 6.0—For Women. 6.30—Talks. 7.0—Records. 7.15—Exhibition News. 7.30—Mlle Arvez-Vernet (Songs). 7.45—Jeanne Champagnat (Pfte.). Barcarolle (Fauré). Barcarolle and Italian Caprice (Poulenc).



Josef Oziminski, conductor of the popular Philharmonic Orchestra's afternoon concerts from Warsaw (see Tuesday and Thursday, 5 p.m.)

8.0—Political Review. 8.15—Talk: Fairyland in Modern Literature. 8.30—"The Montmartre Gazette"—Humorous Radio Journal presented by Paul Clérout; "Et on recommence"—Revue (Clérout); at 9.30 (approx.)—News. 10.30—Records: Novellettes (Glazunov, Poulenc). 10.45—News. 11.0 p.m.—1.0 a.m. (Saturday)—Serenade. Conductor: Rhébaton. Doyen (Pfte.). Concerto da Chiesa (Dall'Abaco-Rhébaton). Symphony in A (Mozart). Pfte. Concerto (Lalo). La Péri (Dukas).

PRAGUE (Czechoslovakia)
638 kc/s (470.2 m.); 120 kW. Transmits at intervals from 6.30 a.m. 4.45 p.m.—See Brno. 5.10—Review. 5.20—Markets. 5.30—Literary Programme. 5.45—News (Russian). 6.0—For Workers. 6.10—German Transmission: Talks; For Workers. 6.45—News (German). 7.0—News. 7.15—Records: Old Prague Songs by Leiss (Tenor) and Urbasková (Soprano). 7.30—Sketch from Kosice. 8.0—Station Orchestra. Guest Conductor: Szell. Overture (Jirák). Symphony in C (Schumann). 9.0—To be announced. 9.55—Record. 10.0—News. 10.20—Records. 10.30-11.0—Sokol Gym.

RADIO-MÉDITERRANÉE (France)
1,276 kc/s (235.1 m.); 27 kW. Transmits at intervals from 12.15 p.m. 7.0 p.m.—Talk. 7.15—Variety Programme. 7.25—Amusement Guide; For Children. 7.30—From the Sports Club. 8.0—News. Exchange. 8.15—Light Music. 9.5—Weather. 9.10—Variety Programme. 10.0—News. 10.15—Dance Music.

RADIO-NORMANDIE (France)
1,113 kc/s (269.5 m.); 15 kW. 6.45 a.m.—Band. 7.0—Chansonnettes; News. 7.45—Physical Exercises. 8.0—Light Music. 8.30—Cavalcade of the Stars. 8.45—Records. 9.15—Light Music. 9.45—Alfredo Campoli Orchestra. 10.0—Light Music. 11.0—Film Music. 12.0 noon—Concert. 2.0—Records. 2.30—Exhibition News. 2.45—Light Music. 3.0—Carol Bradley. 3.30—John and Jane. 3.45—Rhythmic Music. 4.0—Light Music. 4.45—Phyl-

lis Peck. 5.0—For Children. 5.30—King Horses. 5.45—Current London Productions. 6.0—Children's Corner. 6.45—Talk; News. 7.0—Records of France Nylord. 7.20—Dajos Bela Orchestra. 7.40—Records of Willy Thunis. 7.50—Chanson. 8.0—Xylophone. 8.20—Records of the Comedy Harmonists. 8.45—Variety. 9.0—Prize-winning Singers of Rouen Conservatoire. 11.0—Cabaret. 11.45—News. 12.0 m't.—Midnight Melodies. 12.30-2.0 a.m. (Saturday)—Dance Music.

REYKJAVIK (Iceland)
208 kc/s (1,442 m.); 16 kW. Transmits at intervals from 12.0 noon. 9.10 p.m.—Weather (Icelandic, German, English). 9.20—Accordion. 9.55—Announcements. 10.0—Time; News; 10.30—Literature. News in the interval.

ROME (Italy)
713 kc/s (420.8 m.); 50 kW. Naples, etc. See Sunday. Transmits at intervals from 7.45 a.m. 5.0 p.m.—News. 5.15—Andrea Havaas (Baritone) and Giuseppe Martorana (Cello). 6.50—Announcements. 7.0—Talk (French); Music Announcements. 7.55—News in Foreign Languages. 8.10—Time; News. 8.30—Government Notes. 9.0—"Adriana Lecouvreur" (Cilea). Conductor: Tansini. Chorus Master: Consoli. Cast: Aurelio Marcatò, Giulio Tomei, Luigi Nardi, Francesco Valentini, Natale Villa, Ugo Cañello, Augusta Oltrabella, Ebe Stignani, Elena Benedetti, Maria Maruccci. In the intervals, Talks and News. After the Programme, Dance Music.

SOTTENS (Switzerland)
677 kc/s (443.1 m.); 100 kW. Relayed by Geneva, 401 kc/s (748 m.). 12.29 p.m.—Time; News. 12.40—Records. 1.20-1.30—Dance Music. 5.0-6.0—See Beromünster. 6.0—Interlude. 6.20—Talk. 6.30—Sports. 6.45—For Alpinists. 6.55—Interlude. 7.0—Parliamentary Review. 7.15—Interlude. 7.25—Micro-Magazine. 7.50—News. 8.0—Jacqueline Blancard (Pfte.). 8.20—Financial Review. 8.40—Cabaret. 9.40—League of Nations Report. 10.0-10.30—Records.

STOCKHOLM (Sweden)
704 kc/s (426.1 m.); 55 kW. Motala, etc. See Sunday. Transmits at intervals from 7.20 a.m. 7.0 p.m.—News; Topical. 7.30—Naval Band and Ossian Frumerie (Songs). Homage March (Grieg). Excerpts, "Elverhøj" (Kuhlau). Three Songs. Söderman. Potpourri (arr. Rudolf). Two Songs. Serenata (Berg). March (Althén). 8.30—Report: Through Dalacarla by Car. 9.15—"A Love Story in Folk Music."—Orchestra. Conductor: Sköld. Ingrid Wiksjö and Olle Nygren (Songs). 9.45—News. 10.0-11.0—Light Music by Marstrass's Ensemble.

STRASBOURG (France)
859 kc/s (349.2 m.); 100 kW. Transmits at intervals from 6.30 a.m. 5.45 p.m.—Orchestra. Conductor: de Villers; Excerpts, "La perle du Brésil" (David). Dance and Pastoral, "Le Tasse" (Godard). Ballet, "Patrie" (Paladilhe). 6.30—Educational. 7.0—News. 7.35—Talks. 7.50—News. 8.0—News in German. 8.15—Records. 8.30 (also Rennes-Bretagne)—Dramatic Programme from the Théâtre du Cartel, Paris. 10.30—News. 10.55—News in German. 11.0 p.m.—1.0 a.m. (Saturday)—See Paris (Radio-Paris).

STUTTGART (Germany)
574 kc/s (522.6 m.); 100 kW. Transmits at intervals from 5.45 a.m. 12.0 noon—Orchestra. 2.0-3.0—See Deutschlandsender. 4.0—Orchestra. 5.0—Records. 6.30—Topical. 7.15—Light Music. 8.15—Cabaret. 9.15—Station Orchestra. Conductor: Buschkötter. Stross (Violin). Violin Concerto in A (Dvořák). Variations on an Old English Folk-Song (Dressel). 10.0—Time; News. 10.30—See Deutschlandsender. 12.0 m't.—1.0 a.m. (Saturday)—Records.

TOULOUSE (Radio-Toulouse) (France)
913 kc/s (328.6 m.); 60 kW. Transmits at intervals from 8.0 a.m. 6.0 p.m.—Cuban Orchestra. 6.15—Songs. 6.40—Film Music. 6.55—News; Sports.

FRIDAY (October 1)

7.15—Excerpts, "The Damnation of Faust" (Berlioz). 7.45—Jazz Band. 8.0—Chansonnettes. 8.30—Orchestra. 8.45—Talk. 8.50—Musical Comedy Music. 9.15—"Les petits métiers"—Fantasy. 9.30—Operetta Music. Excerpts, "The Desert Song" (Romberg), "Tonton" (Lajtai), "Le bonheur Mesdames" (Christiné). 10.0—News. 10.15—Marches. 10.30—Dance Music. 10.45—Songs. 11.0—Orchestra. 11.15—Film Songs. 11.35—Light Music. 11.50—News.

TURIN (No. 1) (Italy)
1,140 kc/s (263.2 m.); 7 kW. Milan (No. 1), etc. See Sunday. Transmits at intervals from 7.45 a.m. 5.0 p.m.—News. 5.15-5.50—Alfonso del Bello (Pfte.). 6.50—Announcements. 7.0—Orchestra. Conductor: Giuliani. 7.40—News in Foreign Languages. 8.10—Time; News. 8.30—Government Notes. 9.0—Orchestra. Conductor: Petralia. Music of Auber, Debussy, Scassola, Brusselmans, Ranzato, Dvořák, Nielsen, Strauss, Savino, and Tchaikovsky. 10.0—Talk. 10.10—Michelangelo Abbado (Violin). Sonata in G (Tartini). Polo. Sonata in G (Gavazzeni). Norwegian Song (Halvorsen). Polonaise in D (Wieniawski). 11.0—News. 11.15-11.55—Dance Music.

VIENNA (Austria)
592 kc/s (506.8 m.); 100 kW. Graz, etc. See Sunday. Transmits at intervals from 6.45 a.m. 5.25 p.m.—Ermy Walter-Alberdingk (Violin). Andante Arioso in B flat (Muffat). Sonata in G (Dittersdorf). Sonatina in A minor (Schubert). 5.55—Sports. 6.5—Travelling in Austria. 6.20—Cultural Review. 6.30—Talks. 7.0—News. 7.10—Talk. 7.25—Popular Music—Station Orchestra. Conductor: Sandauer. Lizzi Holzschuh (Songs). 8.0—Ballad. 8.5—Modern German Literature (Stehr, Wildgans, Hauptmann). 8.40—"Wider Willen"—Three-Act Comedy (Eichendorff). 10.10—News. 10.20—New Austrian Music. Vienna Symphony Orchestra. Conductor: Schönherr. Aisen (Bass). Heiteres Spiel (Mainau). Song (Dietrich): (a) Vorfrühling, (b) Einsam am Mitternacht, (c) Wann bricht an mein reifer Tag? Symphonic March (Uray). Prelude and Choral Fugue (Burgstaller). Ballet Suite (Gál); at 10.55—News.

WARSAW (Poland)
224 kc/s (1,339 m.); 120 kW. Cracow, etc. See Sunday. Transmits at intervals from 6.15 a.m. 12.3 p.m.—News. 12.15—Farmers' Letter-Box. 12.25-1.0—Station Orchestra. 3.45—Economics. 4.0—For Invalids. 4.15 (from Katowice)—Salon Trio. Bolero (Leybach). Serenade (Blon). Chant sans paroles (Tchaikovsky). Polonaise (Beethoven). Romance (Rubinstein). Ecossaise (Beethoven). 4.45—Report. 5.0 (from Cracow)—Ada Kluz-Kubiczek (Soprano), Schenker (Violin). (a) Prelude in D (Bach-Kreisler), (b) Caprice (Paganini-Friedmann). Songs (Schubert, Schumann, R. Strauss), Erotika (Grieg). Violin Pieces (Taniev): (a) Le conte, (b) Gavotte. Songs (Gretchaninov, Niewiadomski, Szymanowski). Violin: La chasse (Gartier-Kreisler). 5.50 (from Cracow)—Talk. 6.0—Letter-Box. 6.10—Programme Notes. 6.15—Song Records. 6.50—Topical. 7.0—Kagan (Pfte.). Chromatic Fantasia and Fugue (Bach). Bunte Blätter (Schumann). Sonata in A minor (Prokofiev). 7.30 (from Poznań)—Arpeggio Sonata (Schubert) by Rakowski (Viola) and Raczkowski (Pfte.). 7.50—Sports. 8.0—Operetta Music. Station Orchestra and Choir. Conductor: Gorzynski; at 8.45—News; Topical. 9.45—Maeterlinck Commemoration. 10.0 (from Wilno)—Station Orchestra. Conductor: Szczepanski. Overture, "Rosamunde" (Schubert). Suite, Masques et Bergamasques (Fauré). Suite, "Der Rosenkavalier" (R. Strauss). Jota Aragonese (Glinka). 10.50-11.0—News.

SATURDAY Oct. 2

12 noon

BRESLAU, BERLIN, COLOGNE, FRANKFURT, LEIPZIG, STUTTGART, Light Orchestral. **BRUSSELS (1)**, Records. 12.30—Notes. 12.32—Orchestra. **BRUSSELS (2)**, Italian Opera Records. 12.31—Dance Band.

HAMBURG, Concert Orchestra. **HILVERSUM (1,875 m.)**, KRO Orchestra and Records. **HILVERSUM (301.5 m.)**, Records. **KÖNIGSBERG and DEUTSCHLANDSENDER**, Orchestra. Conductor: Brückner. 12.55—News.

MUNICH, Band. **PARIS (PTT)**, Light and Dance Music. 12.45—News.

RADIO-NORMANDIE, Records. 12.45—News. **RADIO-PARIS**, Orchestra; at 12.15—Economics.

1 p.m.

ATHLONE, 1.30—Records.

BRESLAU, BERLIN, COLOGNE, FRANKFURT, HAMBURG, LEIPZIG, STUTTGART, News. 1.15—Light Orchestral. **BRUSSELS (1)**, News. 1.10—Records. **BRUSSELS (2)**, News. 1.10—Salon Orchestra. 1.30—Records. **DEUTSCHLANDSENDER**, Greetings. 1.15—See Königsberg. 1.45—News.

HILVERSUM (1,875 m.), KRO Orchestra; Records. 1.40—For Children. **HILVERSUM (301.5 m.)**, 1.0-1.25—Records. 1.40—Talks and Records.

KÖNIGSBERG, News. 1.15—Orchestra. Conductor: Brückner.

MUNICH, News. 1.15—Records.

PARIS (PTT), Light and Dance Music. 1.30—Review. 1.50—Report.

RADIO-NORMANDIE, Light Music. **RADIO-PARIS**, Orchestra. 1.15—Songs. 1.30—News. 1.45—Orchestra.

2 p.m.

ATHLONE, Records.

BERLIN, News. 2.15—Records.

BRESLAU, News; Records.

BRUSSELS (1), Notes. 2.3—For Women. **BRUSSELS (2)**, Shipping. 2.3—Beethoven: Lecture-Recital.

COLOGNE, News. 2.15—Records.

DEUTSCHLANDSENDER and STUTTGART, Variety.

FRANKFURT, News. 2.10—Records.

HAMBURG, News. 2.15—Music.

HILVERSUM (1,875 m.), For Children. 2.10—KRO Orchestra and Records. **HILVERSUM (301.5 m.)**, Talks and Records.

KÖNIGSBERG, News; Variety. 2.55—Markets.

LEIPZIG, News. 2.15—Records.

MUNICH, News. 2.25—Sequence on Records.

PARIS (PTT), Report. 2.30—For Hospitals: Pfte., Songs. Two Plays.

RADIO-NORMANDIE, Records; at 2.30—Paris Exhibition News.

RADIO-PARIS, Folk Songs—Talk with Illustrations. 2.15—Talks. 2.45—Songs.

3 p.m.

BERLIN, Records. 3.15—Exchange. 3.30—Songs. 3.45—Sports.

BRESLAU, 'Cello Sonata in F sharp minor (Pfitzner). 3.30—'Our Hindenburg'—Anecdotes. **BRUSSELS (1)**, Band. 3.30—Report. **BRUSSELS (2)**, Weber Records. 3.45—Beethoven Quartets.

COLOGNE, Records. 3.15—Nature Study. 3.45—Industrial News.

DEUTSCHLANDSENDER, Notes. 3.10—Records.

FRANKFURT, Records. 3.15—Talks. 3.30—Humorous Sequence.

HAMBURG, Shipping. 3.20—Records; Marches. **HILVERSUM (1,875 m.)**, KRO Orchestra, Records. 3.40—Talks, Records. **HILVERSUM (301.5 m.)**, Talks, Records. 3.10—VARA Orchestra.

KÖNIGSBERG, 3.30—Riddles. 3.50—Topical.

LEIPZIG, Records. 3.20—For Children. 3.50—Markets.

MUNICH, Records. 3.40—Sequence.

PARIS (PTT), For Hospitals (contd.). 3.50—Talk.

RADIO-NORMANDIE, Records and Harold Around (Organ).

RADIO-PARIS, Records. 3.15—Songs. 3.30—Talk. 3.50—Poems.

STUTTGART, A Sunday Excursion into the Country.

4 p.m.

BRUSSELS (1), Band. 4.30—Talk with Records: Dvořák's Slav Dances. **BRUSSELS (2)**, Quartets (contd.). 4.45—Talk.

COLOGNE, DEUTSCHLANDSENDER, FRANKFURT, HAMBURG, KÖNIGSBERG, and STUTTGART, Favourite Melodies—Variety Concert.

HILVERSUM (1,875 m.), Talks, Records. **HILVERSUM (301.5 m.)**, VARA Orchestra. 4.10—Esperanto. 4.30—Records.

KALUNDBORG, 4.35—String Quartet in G (Schubert).

LEIPZIG, BERLIN, BRESLAU, MUNICH, Variety Concert. Orchestra, Choir, etc.

PARIS (PTT), Talk. 4.10—Records.

RADIO-NORMANDIE, Request. 4.15—Dance Music; Records.

RADIO-PARIS, Pfte. 4.15—For Children.

5 p.m.

ATHLONE, 5.30—Band, Songs.

BRUSSELS (1), Talk. 5.15—Trio; at 5.35—Records. **BRUSSELS (2)**, Notes; Records. 5.30—Trio. **BUDAPEST (4)**, Talk. 5.30—Choir.

COLOGNE, DEUTSCHLANDSENDER, FRANKFURT, HAMBURG, KÖNIGSBERG, MUNICH, STUTTGART, Reading. 5.10—Favourite Melodies (contd.).

HILVERSUM (1,875 m.), Records. 5.25—Children's Choir. 5.55—Records. **HILVERSUM (301.5 m.)**, Records. 5.20—Talk. 5.40—Organ.

KALUNDBORG, Quartet (contd.). 5.40—Exchange. 5.50—Records.

LEIPZIG, BERLIN, BRESLAU and MUNICH, Variety Concert (contd.).

MONTE CENERI, BEROMÜNSTER and SOTTENS, Duo. 5.35—Recitations. 5.45—Records.

OSLO, Café Concert.

PARIS (PTT), Dances, Songs.

RADIO-NORMANDIE, For Children. 5.15—Light Music.

RADIO-PARIS, Orchestra. **ROME and TURIN**, News. 5.15—Dance Music. 5.55—Talk.

STASBOURG, For Children. 5.30—Accordion Records. 5.45—Concert.

6 p.m.

ATHLONE, Band, Songs. 6.35—News.

BERLIN, Records: Gaden Band.

BEROMÜNSTER, Talks. 6.30—Hans Huber Music. **BRESLAU**, Humorous Sequence. 6.50—Notes. **BRUSSELS (1)**, Topical. 6.15—Accordion. 6.30—Music-Hall. **BRUSSELS (2)**, Trio. 6.15—Records. 6.45—Talk.

BUCHAREST and RADIO-ROMANIA, 6.3—Orchestra.

BUDAPEST (1), Report. 6.40—Ballads (Chopin) by Keerli-Szántó (Pfte.).

COLOGNE, Notes. 6.5—Records. 6.45—News.

DEUTSCHLANDSENDER, Light Music. 6.45—Sports.

FRANKFURT, Topical.

HAMBURG, Military Band. **HILVERSUM (1,875 m.)**, Review. 6.25—Records; Notes. **HILVERSUM (301.5 m.)**, Organ. 6.10—Choir. 6.40—Film.

KALUNDBORG, Records. 6.15—Talk. 6.35—French Lesson.

KÖNIGSBERG, Sports. 6.15—Records.

LEIPZIG, A Modern Dictionary. 6.15—Light Music. Harp, Mandoline, Zither and Saxophone Quartets. **LILLE**, 6.45—Talk (English).

MUNICH, Markets. 6.10—German Songs. 6.45—Topical.

OSLO, For Children. 6.30—Economics. 6.50—News.

PARIS (PTT), Dances, Songs. 6.30—Liszt Records. **PRAGUE**, German Transmission: Madrigals (Domantius); Play (Psek-Schneider). 6.45—News (German).

RADIO-NORMANDIE, For Children. 6.45—Talk; News.

RADIO-PARIS, Readings. 6.20—Review. 6.30—Talk; Racing.

ROME and TURIN, Talk. 6.10—For Farmers. 6.50—Notes.

SOTTENS, Chimes. 6.10—Songs, Accordions. **STRASBOURG**, Concert. 6.30—Songs. **STUTTGART**, Sound News.

TOULOUSE, Light Music. 6.55—News.

7 p.m.

ATHLONE, Orchestra, Contralto 7.45—Val Vouden (Entertainer).

BEROMÜNSTER, Chimes; Markets; Talk. 7.45—News. 7.55—Sextet. **BRUSSELS (1)**, Reviews; Interview. 7.15—Harpisicord Records. 7.30—News.

BRUSSELS (2), Songs. 7.30—News. **BUCHAREST and RADIO-ROMANIA**, Orchestra. 7.20—Educational. 7.40—Chalopian Records. **BUDAPEST (1)**, Ballads (Chopin) (contd.). 7.10—Reading. 7.40—Hungarian Songs.

EIFFEL TOWER, Educational. 7.35—Talk.

HAMBURG and ALL GERMAN STATIONS, News. 7.15—The Bückberg Harvest Festival: Part of the Reception held by Dr. Goebbels in Hanover in Honour of Nazi Peasant Leaders and Officials; Music. **HILVERSUM (1,875 m.)**, Talks; Report. 7.40—News. 7.55—Meditation. **HILVERSUM (301.5 m.)**, Film. 7.10—Talk. 7.40—Notes. 7.55—VARA Orchestra.

KALUNDBORG, News. 7.30—World Affairs.

LILLE, News. 7.35—Notes. 7.50—Record; Talk.

MONTE CENERI, 7.45—News. 7.55—Record.

OSLO, News. 7.30—Kolberg (Violin) (Reger, Tchaikovsky, Debussy, Mozart).

PARIS (PTT), News. **POSTE PARISIEN**, News. 7.10—Foreign Affairs. 7.15—Records: "Tosca" (Puccini). 7.30—To be announced. 7.45—Records. **PRAGUE**, News. 7.20—"Chrudim"—Film.

RADIO-NORMANDIE, Operetta Music. 7.50—News. **RADIO-PARIS**, Talk. 7.10—Record. 7.15—Songs. 7.30—Sound News. 7.40—Record. 7.45—Pfte.

ROME, Talk (Esperanto), Notes, Music. 7.53—News in Foreign Languages.

SOTTENS, Labour Exchange. 7.10—Talks; at 7.30—Music. 7.50—News. **STOCKHOLM**, News. 7.30—Cabaret. **STRASBOURG**, News. 7.35—See Eiffel Tower.

TOULOUSE, News. 7.15—Light Music. **TURIN**, Music. 7.40—News in Foreign Languages.

VIENNA, News. 7.10—Talks. 7.50—"Die tolle Therese" (Römisch).

WARSAW, Hungarian Melodies—Mandoline Band, Guitar Ensemble, Singers. 7.40—Topical.

8 p.m.

ATHLONE, Band. 8.20—Peadar Kearney's Ballads and Songs. 8.45—Accordion Band, Mouth Organ Trio, Vocalist.

BERLIN, Orchestra. Conductor: Steiner. Thiele (Pfte.). **BEROMÜNSTER**, Sextet. 8.40—Music. 8.45—Play. **BORDEAUX-LAFAYETTE**, 8.30—Concert. Part I. Orchestra. Part II. Louis Vierne Organ Music from St. Nicholas's Church. Part III. Orchestra. **BRESLAU**, "A trip to the Country"—Variety Concert. **BRUSSELS (1)**, First I.N.R. Concert of the Winter Season. I.N.R. Symphony Orchestra, Radio Orchestra, Choirs, and Singers. Part I. Conductor: André. **BRUSSELS (2)**, "Lohengrin" (Wagner), from the Royal Flemish Opera, Antwerp. **BUCHAREST and RADIO-ROMANIA**, 8.5—Letter-Box. 8.20—Salon Orchestra. **BUDAPEST (1)**, Hungarian Songs. 8.15—"The Changeling"—Play (Bonyi).

EIFFEL TOWER, Records. 8.30—From the Opéra.

FRANKFURT, Military Band.

HILVERSUM (1,875 m.), Music. 8.15—Variety. **HILVERSUM (301.5 m.)**, VARA Orchestra. 8.25—Sketch. 8.40—Concert by "Fantasia."

KALUNDBORG, From the Artists' Festival in "Den gamle Smedje". **KÖNIGSBERG, COLOGNE, DEUTSCHLANDSENDER, HAMBURG and STUTTGART**, Hindenberg Anniversary Programme. Marches by a Military Band.

LILLE, 8.5—Record. 8.10—Sports. 8.20—Accordion. 8.30—"Le mariage de Figaro"—Play (Beaumarchais).

MONTE CENERI, Records. 8.30—Ticinese Almanac. **MUNICH**

and **LEIPZIG**, Greetings from Munich's October Festival.

OSLO, Talk. 8.15—Variety Concert and Sketch.

PARIS (PTT), Variety. 8.30—Acts III, IV, and V, "Pelléas and Mélisande" (Debussy). Conductor: Inghelbrecht. **POSTE PARISIEN**, News. 8.10—Record. 8.15—"Le dernier salon où l'on cause." 8.45—"La bonne histoire." **PRAGUE**, Mozart Concert, Orchestra, Soprano and Bass. Conductor: Krejci.

RADIO-NORMANDIE, 8.5—Ballet, "Les Songes" (Milhaud). 8.40—Records. **RADIO-PARIS**, Reviews. 8.30—See Bordeaux-Lafayette. **ROME**, News in Foreign Languages. 8.10—News. 8.30—Talk.

SOTTENS, Report; Band and Choirs. **STOCKHOLM**, Cabaret. 8.30—Play. **STRASBOURG**, News (German). 8.15—Sports. 8.30—Variety.

TOULOUSE, Light Music.

TURIN, News in Foreign Languages. 8.10—News. 8.30—Talk.

VIENNA, "Die tolle Therese" (Römisch) (contd.).

WARSAW, Play. 8.45—News; For Farmers.

9 p.m.

ATHLONE, Accordion Band, etc. (contd.). 9.30—Variety.

BERLIN, Orchestra and Pfte. (contd.). **BEROMÜNSTER**, Play (contd.). 9.55—Records.

BORDEAUX-LAFAYETTE and RADIO-PARIS, Concert (contd.); at 9.35—News. **BRESLAU**, Variety Concert (contd.).

BRUSSELS (1), Talk by Theo Fleischman. 9.15—Concert (contd.). Part II. Conductor: Gason. **BRUSSELS (2)**, "Lohengrin" (contd.). **BUCHAREST and RADIO-ROMANIA**, Salon Orchestra. 9.30—News. 9.45—Café Concert. **BUDAPEST (1)**, Play (contd.). 9.45—News.

EIFFEL TOWER, From the Opéra (contd.).

FRANKFURT, "Over Land and Sea"—Station Orchestras.

HILVERSUM (1,875 m.), Variety. **HILVERSUM (301.5 m.)**, Concert (contd.). 9.15—VARA Orchestra and Choir. 9.40—Notes. 9.45—"The Lucky Birds."

KALUNDBORG, Film Songs. 9.10—Scandinavian Concert from the Oddfellows' Palace, Copenhagen. Choirs and Wind Band. Conductor: Gyldmark. Edith Pedersen (Songs) and Hammer (Pfte.). **KÖNIGSBERG, COLOGNE, HAMBURG and STUTTGART**, "Ora et labora"—Hindenburg Biographical Sequence.

LILLE, Play (contd.).

MONTE CENERI, Ticinese Almanac (contd.). 9.30—Dance Records. **MUNICH and LEIPZIG**, Variety Concert (contd.).

OSLO, Variety Concert (contd.). 9.40—News.

PARIS (PTT), "Pelléas et Mélisande" (contd.). **POSTE PARISIEN**, News. 9.10—To be announced. 9.25—Sketch. 9.40—Records. 9.55—News. **PRAGUE**, Mozart Concert (contd.).

RADIO-NORMANDIE, Jacques Deneuve Troupe. **ROME**, "Lilac Time" (Schubert-Berté).

SOTTENS, Radio Suisse romande Orchestra. 9.30—Children's Songs. **STOCKHOLM**, Play. 9.45—News. **STRASBOURG**, Variety.

TOULOUSE, Light Music. 9.30—"The Barber of Seville" (Rossini). **TURIN**, Sacred Music from the Teatro Morlacchi, Perugia. Part I. "Giona" (Carissimi). Part II. "Maria Egiziaca" (Respighi). Part III. "La sacra rappresentazione d'Abraham e d'Izaac (Pizzetti)."

VIENNA, "Die tolle Therese" (contd.). 9.45—Sonata in A (John Ireland) by Lisa Minghetti (Violin) and Kuba (Pfte.).

WARSAW, 9.5—Dance Band. 9.45—Review.

10 p.m.

ATHLONE, Variety. 10.30—News.

BERLIN, COLOGNE, HAMBURG, News. 10.30—Dance Music. **BEROMÜNSTER**, Records. 10.15—Dance Band. **BORDEAUX-LAFAYETTE**, Concert (contd.). 10.30—News. 10.45—See Paris (PTT). **BRESLAU**, News. 10.30—Station Dance Band. **BRUSSELS (1)**, Concert (contd.). 10.15—News.

10.30—Dance Band. **BRUSSELS (2)**, "Lohengrin" (contd.). **BUCHAREST and RADIO-ROMANIA**, Café Concert. 10.45—News (French, German, Romanian). **BUDAPEST (1)**, Play (contd.). 10.50—Orchestra.

DEUTSCHLANDSENDER, News. 10.30—Ristgenpart Chamber Orchestra (Graun, Frederick the Great).

EIFFEL TOWER, From the Opéra (contd.).

FRANKFURT, News. 10.20—"Ora et labora"—Hindenburg Biographical Sequence (Recorded). **HILVERSUM (1,875 m.)**, Variety. 10.10—News. 10.35—Records. **HILVERSUM (301.5 m.)**, "The Lucky Birds." 10.10—Jong (Organ). 10.25—Accordion Band. 10.55—Concert by "Musica."

KALUNDBORG, News. 10.20—Svensden Concert. Orchestra and Fessel (Violin). Conductor: Grøndahl. **KÖNIGSBERG**, News. 10.40—Dance Music from Munich.

LILLE, Play (contd.). 10.30—News; Records.

MUNICH and LEIPZIG, News. 10.20—Dance Music. Dance Band, Orchestra, Schrammel Ensemble.

OSLO, Topical. 10.15—Dance Records.

PARIS (PTT), "Pelléas et Mélisande" (contd.). 10.45—Lyadov Records. **POSTE PARISIEN**, News. 10.5—Report. 10.15—Dance Records. 10.30—Dance Music. **PRAGUE**, News. 10.15—Records.

RADIO-NORMANDIE, Café Concert. **RADIO-PARIS**, See Bordeaux-Lafayette. 10.30—Dance Records. 10.45—News. **ROME**, "Lilac Time" (contd.).

SOTTENS, Johann Strauss Concert. 10.30—Dance Records.

STOCKHOLM, Dance Band. **STRASBOURG**, Variety. 10.30—News. 10.55—News (German).

STUTTGART, News. 10.30—Dance Band.

TOULOUSE, News. 10.15—Light Music and Songs. **TURIN**, Sacred Music (contd.).

VIENNA, Sonata (contd.). 10.10—News. 10.20—Dance Band. 10.55—News.

WARSAW, Dance Band. 10.50—News.

11 p.m.

BERLIN, COLOGNE, DEUTSCHLANDSENDER, HAMBURG, Dance Music. **BRESLAU**, "Ora et labora"—Hindenburg Biographical Sequence (Recorded). **BRUSSELS (1)**, Records. **BRUSSELS (2)**, Records. 11.15—Dance Band. **BUDAPEST (1)**, Orchestra. 11.15—Dance Records.

EIFFEL TOWER, From the Opéra (contd.).

FRANKFURT, Sequence (contd.). 11.20—Wagner Records.

HILVERSUM (1,875 m.), Records. **HILVERSUM (301.5 m.)**, Concert by "Musica." 11.25—Records.

KALUNDBORG, Svensden Concert (contd.). 11.10—Dance Band.

MUNICH, KÖNIGSBERG and LEIPZIG, Dance Music (contd.).

OSLO, Dance Records.

PRAGUE, Dance Music.

RADIO-NORMANDIE, Dance Music. 11.45—News. **RADIO-PARIS and PARIS (PTT)**, Dance Music. **ROME**, "Lilac Time" (contd.). 11.30—Dance Music.

STRASBOURG, Dance Music. **STUTTGART**, Dance Band.

TOULOUSE, Dance Music. 11.15—Light Music. 11.50—News.

TURIN, Sacred Music (contd.). 11.30—News; Dance Music.

VIENNA, News; Dance Band.

12 midnight

BERLIN, COLOGNE, DEUTSCHLANDSENDER, HAMBURG, Dance Music.

FRANKFURT and STUTTGART, Dance Band.

KALUNDBORG, Chimes; Dance Band.

RADIO-NORMANDIE, Melodies, 12.30—Light Music. **RADIO-PARIS and PARIS (PTT)**, Dance Music. **ROME**, Dance Music.

TURIN, Dance Music.

1 a.m. (Sunday)

RADIO-NORMANDIE, Dance Music. 1.30—Light Music.

NATIONAL

For Time Signals, see Monday.

- 10.15 a.m. (D)—Service.
- 10.30 (D)—Weather Forecast.
- 10.45—Talk.
- 11.0—Records.
- 11.45—BBC Northern Orchestra.
- 12.30 p.m.—Dance Records.
- 1.0 (D)—Theatre Orchestra.
- 2.0 (D)—Records.
- 2.40 (D)—BBC Scottish Orchestra.
- 3.50—International Grand Prix.
- 4.30—Victor Olof Sextet.
- 5.0—Ambrose and his Orchestra.
- 6.0—The First News.
- 6.20—BBC Orchestra (Section C), conducted by Joseph Lewis.
- 6.55—Reginald Foort (BBC Theatre Organ); Denis O'Neil (Tenor).
- 7.30—The BBC Presents the A B C.
- 8.0—Last Promenade Concert of the Season, London: Elena Danielli (Soprano); Redvers Llewellyn (Baritone); Clifford Curzon (Pfte.); BBC Symphony Orchestra, conducted by Sir Henry J. Wood: Overture, Le Carnaval romain (Berlioz); Recit. and Aria—A Masked Ball (Verdi); Sinfonia concertante, for Pfte. and Orchestra (Walton); Symphony No. 8, in B minor—unfinished (Schubert); Waltz Song, Romeo and Juliet (Gounod); London Pageant (Bax).
- 9.40—The Third News.
- 10.0—Short Story.
- 10.25—BBC Theatre Orchestra: Ernest Butcher (Baritone).
- 11.15—Jack Harris and his Band.
- 11.30—News Summary.
- 11.40-12.0—See 11.15.

REGIONAL

For Time Signals, see Monday.

- 10.15-10.45 a.m. (ex. Western)—National.
- 10.45 (ex. Western)—Cinema Organ.
- 10.45 (Western)—National.
- 11.15 (ex. Western)—Isidore Schwiller String Sextet.
- 11.45 (ex. Western)—Records.
- 12.15 p.m. (ex. Western)—Edith Walton (Pfte.).
- 12.45 (ex. Western)—Hungarian Rhapsody.
- 1.0-3.50—National.
- 2.40 (Scottish)—BBC Scottish Orchestra.
- 3.50 (ex. Western)—Military Band.
- 4.30—National.
- 5.0 (ex. Western)—Children's Hour.
- 5.0 (Western)—National.
- 6.0 (ex. Western)—Melody out of the Sky.
- 6.35 (Scottish)—Reminiscences of Old-Time Concerts.
- 6.40 (Midland)—"Sport in the Midlands."
- 6.45 (N. Ireland)—Linfield v. Ballymena Association Football match.
- 6.55 (Regional, Midland)—BBC Midland Singers.
- 6.55 (Northern)—Band.
- 6.55 (Welsh)—Welsh Covered Courts Tennis Championships: Men's Singles.
- 6.55 (N. Ireland)—Larne Male Voice Choir.
- 7.20 (ex. Western)—Regional Announcements.
- 7.50 (ex. Western)—Second News.
- 8.0 (ex. Welsh, N. Ireland)—Music-Hall.
- 8.0 (Welsh)—Welsh talk.
- 8.0 (N. Ireland)—Luigi Fort (Tenor); BBC Northern Ireland Orchestra (Augmented).
- 9.0 (ex. Midland, Northern, Western)—Landings at Llossimouth.
- 9.0 (Midland)—"A Border Journey."
- 9.0 (Northern)—Spotlight on Sport.
- 9.0 (Western)—"Musical Mixture."
- 9.10 (Northern)—Talk.
- 9.25 (Northern)—The Swearing-in of His Excellency Vice-Admiral the Hon. William Spencer Leveson-Gower, C.B., D.S.O., as Lieutenant-Governor of the Isle of Man.
- 9.30 (Western)—Esther Coleman (Contralto); The Grinke Trio.
- 9.40 (ex. Western)—Last Promenade Concert of the Season: Redvers Llewellyn (Baritone); BBC Symphony Orchestra, conducted by Sir Henry J. Wood: Toccata and Fugue in D minor (Bach); Song, The Two Grenadiers (Schumann); Fantasia on British Sea-Songs.
- 10.30 (ex. Western); Scottish 10.45—Jack Harris and his Band.
- 10.30 (Scottish)—Sports News.
- 11.30 (ex. Western)—News Summary.
- 11.40-12.0 (ex. Western)—See 10.30.

Hours of Transmission in British Summer Time.

ATHLONE (Ireland)

565 kc/s (531 m.); 100 kW. Dublin, etc. See Sunday.

- 1.30-3.0 p.m.—Records. 5.30—Artane Band and Singer from Artane, Co. Dublin. 6.35—Irish News Feature. 6.45—News.
- 7.0—Irish Radio Orchestra and Mabel Home (Contralto). Ossia Overture (Gade). Portrait of a Dancer in Red (Besly). Nymphs of the Danube (Strauss). Selection, "Polly" (Austin).
- 7.45—Val Vouden (Entertainer).
- 8.0—Churchdown Pipers Band. 8.20—Peadar Kearney's Ballads and Songs. 8.45—Louis Lee presents his Accordion Band, with Mouth Organ Trio and Vocalist.
- 9.30—Variety. 10.30—News. 11.0—National Anthem.

BARCELONA (EAJ1) (Spain)

795 kc/s (377.4 m.); 7.5 kW. Transmits at intervals from 9.0 a.m. 9.0 p.m.—Records. 9.30—News; Records. 10.0—Time; News. 10.10

Marches; at 1.0—Folk-Songs by a Vocal Quartet. 1.30—Parliamentary Review. 1.45—Music. 2.0—Book Review. 4.30 (from Basle)—Talk: Travel Reminiscences—Shanghai. 5.0-5.57—See Monte Ceneri. 6.0 (from Basle)—Weather; Talks. 6.30 (from Basle)—Hans Huber Music. 7.0—Chimes from Zürich Churches. 7.15—Markets. 7.20 (from Basle)—Talk. 7.45—News. 7.55 till Close Down—Programme from Basle. 7.55—Basle Radio Sextet. 8.40—Music.

8.45 — Play. 9.55 — Records: Music from Operas, Operettas and Plays. 10.15—Wüst Dance Band from the Rialto. 11.0—Announcements.

BORDEAUX-LAFAYETTE (France)

1,077 kc/s (278.6 m.); 35 kW. Transmits at intervals from 6.30 a.m. 8.30 p.m.—Concert. Part I: Station Orchestra. Conductor: Gayral. Academic Festival Overture (Brahms). Le timbre d'argent (Saint-Saëns). Part II: Louis Vienne Organ Recital by Mme Duffour-Leduc from St. Nicolas' Church. Hymne au

10.0-10.30—See Deutschlandsender. 11.30—Water Level; Markets. 11.45—For Housewives.

12.0 noon—Light Music—Station Orchestra. Conductor: Topitz. Krams (Violin), Mai (Oboe), Kerndorff (Cello), Grund (Clarinet, and Bassoon). Overture, "Der Wildschütz" (Lortzing). Violin: Gavotte (Bach). Minuet in F (Mozart). Marche militaire (Schubert). Waltz, "Faust" (Gounod). Oboe: Aria (Balfe). Suite, Jeux d'enfants (Bizet). Aquarellen - Walzer (Strauss). Cello: Après un rêve (Faure). Mazurka, Die Libelle (Strauss). March (Wilke). Overture, "Wiener Frauen" (Lehár). Ständchen im Laubengang (Fischer). Spanish Waltz, Mia bella (Sommerfeld). Romance, Die Geige weint (Wismar). Clarinet and Bassoon: Burlesque, Die Gardinenpredigt (Fucik). Variations on "Was kommt dort von der Höh" (Suppé). Waltz, Donausagen (Ziehrer); at 1.0-1.15 p.m.—News. 2.0—News; Records.

3.0—Sonata in F sharp minor (Pfitzner) by Hartmann (Cello) and Kopmann (Pfte.). 3.30 — "Our

SATURDAY (October 2)

BRUSSELS (No. 1) (Belgium)

620 kc/s (483.9 m.); 15 kW.

6.37-9.5 a.m.—Gym; News; Records. 12.0 noon—Records. 12.30 p.m.—Announcements. 12.32—Salon Orchestra. 1.0—News. 1.10—Records. 2.0—Art Notes. 2.3—For Women.

3.0—Belgian Grenadier Guards Band. Conductor: Captain de Ceuninck. Part I, La Brabançonne (van Campenhou). Overture, "Le Roi d'Ys" (Lalo-Parys). Dances, "S'Arka" (Jongen-de Ceuninck).

3.30—On Board a Cargo-Boat—Report.

4.0—Band (cont'd.). Part II, Sousa Marches. The Belle of Chicago. King Cotton. March, El capitán. The Star-spangled Banner. Cadets' March. Washington Post.

4.50—Talk with Records: Dvořák's Slav Dances. 5.0—Talk: The Society for the Protection of Animals.

5.15—Intrada, Malagueña and Rondo (Leon Jongen), by the Belgian Court Trio. 5.35—Records.

5.45—Trio (cont'd.). Charade (Quinet). Three Pieces (Poot).

6.0—Topical Talk. 6.15—Marceau Burton (Accordion). 6.30—Music-Hall. 7.0—Art and Music Reviews; Interview. 7.15—Harpischord Records. 7.30—News.

8.0—First I.N.R. Concert of the Winter Season, from the Palais des Beaux-Arts. I.N.R. Symphony Orchestra, Radio Orchestra and Choir, "Amitié de Pâturages" and "Disciples de Grétry" Choirs, Claudine Boons and Francis Andrieu (Songs). Part I. Conductor: André Fantasia on Angevain Airs (Lekeu). Song: C'est en toi bien-aimée (de Boeck). Symphonic Poem (Alpaerts). Les Eolides (Franck). Exile (Ysaye). Romanian Song (Jos. Jongen). Ballet, "Céphale et Procris" (Grétry).

9.0—Talk by the Director of French Programmes, Theo Fleischman.

9.15—I.N.R. Concert. Part II. Conductor: Gason. Walloon Fantasia for Solo Voices, Choir and Orchestra. "Amitié de Pâturage" Choir, conducted by Sylvain Layoye: (a) Walloon Folk Song, La vache égarée, (b) Le rossignol (Grétry). Ballad and Polonaise for Violins and Orchestra (Vieuxtemps). "Les Disciples de Grétry" Choir, conducted by Jean Quintin: (a) Les cloches (Dupuis), (b) La retraite (de Nille-Rille). Choirs, Orchestra and Organ: (a) Diver-tissement on Walloon Folk Dances, (b) OÙ peut on être mieux (Grétry). 10.15—News.

10.30—Brenders Dance Band. 11.0-12.0 m't.—Records.

BRUSSELS (No. 2) (Belgium)

932 kc/s (321.9 m.); 15 kW. Programme in Flemish.

6.37-9.5 a.m.—Records; Gym; News. 12.0 noon—Italian Opera Records. 12.31 p.m.—Brenders Dance Band. 1.0—News. 1.10—Salon Orchestra. Conductor: Féron. Kovacs (Cymbalom). 1.30—Records. 2.0—Shipping.

2.3—Lecture-Recital by J. Bellens: Beethoven Sonatas and Quartets. 3.0—Weber Records. Selection, "Der Freischütz." Invitation to the Dance.

3.45—Beethoven Quartets by the Zimmer Quartet. Quartet in E minor. Quartet in F minor.

4.45—Talk: The Post-War Russian Theatre—Meyerhold and Tairoff.

5.0—Announcements; Records. 5.30 Ebbeke Trio. 6.15—Records. 6.45—Talk: Modern Intellectual Tendencies. 7.0—De Paep (Songs). 7.30—News.

8.0—"Lohengrin" (Wagner) from the Royal Flemish Opera, Antwerp. In the intervals, Recitations; News. 11.0 (approx.)—Records. 11.15-12.0 m't.—Brenders Dance Band.

PRINCIPAL EVENTS

SYMPHONY CONCERTS

- 8.0 National, Regional (9.40): Last Promenade Concert of the season.
- 8.30 Bordeaux, Radio-Paris: Orchestra, Church organ.
- 9.0 Turin: Oratorios, etc. (Carissimi, Respighi, Pizzetti).

LIGHT CONCERTS

- 12.30 Radio-Paris: Roger Ellis Orchestra.
- 2.35 Kalundborg: Opera and operetta music.
- 4.0 Cologne, etc.: Popular melodies.
- 5.0 Paris (PTT): Boldi Orchestra.
- 7.0 Athlone: Orchestra, contralto.
- 7.0 Warsaw: Mandolines, guitars, songs.
- 8.0 Brussels 1: Combined INR Orchestras and choirs; soloists.
- 8.0 Königsberg, etc.: Military Band.
- 8.0 Munich: October Festival.
- 8.0 Prague: Mozart programme.
- 8.15 Hilversum (1,875 m.): Variety concert.
- 8.15 Oslo: Orchestra, saxophone, song.
- 9.0 Sottens: Conductor, Hans Haug.
- 10.0 Sottens: Joh. Strauss prog.
- 10.20 Kalundborg: Svendsen programme.
- 10.50 Budapest 1: Serenade.

OPERAS

- 8.0 Brussels 2: "Lohengrin."

8.30 Paris (PTT), etc.: "Pelléas et Mélisande" (Acts 3, 4, 5).

OPERETTAS

- 7.50 Vienna: "Die tolle Therese."
- 9.0 Rome: "Lilac Time."

CHAMBER MUSIC

- 3.0 Stockholm: Finnish prog.
- 4.35 Kalundborg: Quartet (Schubert).
- 9.45 Vienna: Vln., pfte., sonata (Ireland).

RECITALS

- 5.40 Hilversum (301.5 m.): C. Steyn (organ).
- 6.40 Budapest 1: Chopin ballads.
- 7.30 Oslo: Hugo Kolberg (violin).

TALK

- 6.45 Lille (PTT), Rennes: In English.

LAST NEWS BULLETINS, see Monday

DANCE MUSIC

- 9.5 Warsaw; 10.0, Stockholm; 10.15, Beromünster, Oslo, Poste Parisien; 10.20, Munich, etc., Vienna; 10.30, Berlin, etc., Brussels 1, Regional, Sottens; 11.0, Radio-Paris, Strasbourg; 11.10, Kalundborg; 11.15, Brussels 2, Budapest 1, National.

MISCELLANEOUS

- 7.30 Stockholm: Cabaret.
- 8.0 Regional: Music-Hall.
- 9.0 Königsberg, etc.: Hindenburg commemoration.

—Talk; Records. 11.0—Time; Records. 11.30—Jazz Records. 12.0 m't.—News (Italian, German, French, Portuguese, Spanish).

BERLIN (Germany)

841 kc/s (356.7 m.); 100 kW.

- 6.0 a.m.—Motto; Weather; Gym.
- 6.30—Noack Band; at 7.0—News.
- 8.0—Gym. 8.20—Pfte.
- 8.30—See Stuttgart. 9.30—Records.
- 10.0—Hindenburg Anniversary Programme. 10.30-10.45 — Markets.
- 11.15—Records. 11.55—Weather.
- 12.0 noon—See Breslau; at 1.0-1.15 p.m.—Midday Echoes. 2.0—News. 2.15—Records. 3.15—Exchange; Markets. 3.30—"Ferry Ho!"—Songs. 3.45—Sports.
- 4.0—See Leipzig. 6.0—Records of the Gaden Band. 7.0-7.10—News; Announcements.
- 7.15—See Hamburg.
- 8.0—Station Orchestra. Conductor: Heinrich Steiner. Walter Thiele (Pfte.). Overture, "Oberon" (Weber). Ballet, "Les petits riens" (Mozart). Orchestral Piece (Riege). Pfte.: Barcarolle (Chopin). Suite, "Lilofee" (Roselius). Siegfried Idyll (Wagner). Pfte.: Tarantella (Liszt). Les Préludes (Liszt). 10.0—News.
- 10.30 p.m.—1.0 a.m. (Sunday)—Dance Music—Kermbach Band and Fierke Quintet.

BEROMÜNSTER (Switzerland)

556 kc/s (539.6 m.); 100 kW. Relayed by Basle and Berne, 1,375 kc/s (218.2 m.).

- 6.15-6.35 a.m. (from Basle)—Gym, 12.0 noon (from Berne)—Debussy Records. 12.29 p.m.—News. 12.40-1.45—From Berne. 12.40—

soleil. Allegro vivace and Finale from Symphony No. 1. Adagio and Finale from Symphony No. 3. Part III: Orchestra. Excerpts, "The Sleeping Beauty" (Tchaikovsky), and "Scheherazade" (Rimsky-Korsakov). Danse bohémienne (Debussy); at 9.35-9.50—See Paris (Radio-Paris).

10.30—News. 10.45-11.0—See Paris (PTT).

BRATISLAVA (Czechoslovakia)

1,004 kc/s (298.8 m.); 13.5 kW. Transmits at intervals from 6.30 a.m.

- 11.0 a.m.—Water Level. 11.5-12.0 noon—See Prague. 12.0—For Farmers. 12.10 p.m.—News. 12.15—Records. 12.25—See Prague. 12.35—Station Orchestra. Conductor: Dyk. 1.30—Talk. 1.45—Record. 1.50-2.0—See Prague. 2.0—News (German, Hungarian). 2.15-2.20—Shipping. 3.10—Film Notes. 3.25-5.35—From Kosice. 3.25—Concert. 4.50—For Children. 5.35—Topical. 5.45—Record. 5.50—Review. 6.0—Hungarian Transmission; Talk; Concert. 6.45-7.20—See Prague. 7.20—Bulgarian Folk Songs by Dorita Boneva (Soprano). 7.40—"Noblesse oblige"—Sketch (Avertchenko).
- 8.5—Concert. 8.45—Talk. 9.0-10.15—See Prague. 10.15—News and Sports (Hungarian).

BRESLAU (Germany)

950 kc/s (315.8 m.); 100 kW. Relayed by Gleiwitz, 1,231 kc/s (243.7 m.).

- 5.0 a.m.—See Königsberg. 5.45—Gym. 6.0—Motto; Records.
- 6.30-8.0—See Berlin.
- 8.30—See Stuttgart. 9.30—Weather; Greetings. 9.35—For Children.

Hindenburg"—Biographical Anecdotes (arr. Close). 4.0—See Leipzig. 6.0—"A Food for Kings"—Humorous Sequence about the History of the Potato (Majunkelange). 6.50—Programme Notes. 7.0—News.

7.15—See Hamburg. 8.0—"A Trip to the Country"—Variety Concert from the Schützenhaus, Festeberg. Station Dance Band. Conductor: Weisshaupt. Ruth Herell (Coloratura-Soprano). Melitta Klefer and Erwin Münch (Song Duets), Risch (Entertainer), Engel (Xylophone) and Steinbacher (Saxophone). 10.0—News.

10.30—Station Dance Band from the Schützenhaus, Festeberg. Conductor: Günther. 11.0-12.0 m't.—"Ora et labora!"—Hindenburg Biographical Sequence (arr. Burchard) (Recorded).

BRNO (Czechoslovakia)

922 kc/s (325.4 m.); 32 kW. Transmits at intervals from 6.30 a.m.

- 11.5 a.m.—12.0 noon—See Prague. 12.0—For Farmers. 12.10-12.35 p.m.—See Prague. 12.35—See Bratislava. 1.30—Industrial Review. 1.40—For Farmers. 1.45—Record. 1.50-2.20—See Prague. 3.25—Concert from Kosice. 4.50—See Prague. 5.35—Record.
- 5.40—German Transmission: Perl Salon Orchestra. Ella Kremser (Songs). Overture, "The Lovely Galatea" (Suppé). Selection, "Rigoletto" (Verdi). Arias, "Der Waffenschmied" (Lortzing), "Tales of Hoffmann" (Offenbach), "Martha" (Flotow). Fantasia on Offenbach's Barcarolle (Fetras).
- 6.15—News. 6.20—Reviews. 6.45-7.20—See Prague. 7.20—Music. 7.35—Monthly Review.
- 8.5—See Bratislava. 8.45-10.30—See Prague.

BUCHAREST (Romania)

823 kc/s (364.5 m.); 12 kW. Relayed by Radio - Romania (Brasov), 160 kc/s (1,875 m.). Transmits at intervals from 5.30 a.m.

- 6.3 p.m.—Ionel Giurgea Orchestra. 7.20—Educational. 7.40—Chaliapin Records. 8.5—Letter-box.
- 8.20—Radio Salon Orchestra. Conductor: Teodoru. 9.30—Sports; News.
- 9.45—Café Concert. 10.45—News (French, German, Romanian).

SATURDAY (October 2)

BUDAPEST (No. 1)

(Hungary)

546 kc/s (549.5 m.); 120 kW.
 6.45 a.m.—Gym; Records; Cookery. 10.0—News. 10.20—Readings. 11.10—Water Level. 12.0 noon—Chimes.
 12.5 p.m.—Orchestra. Conductor: Eördögh. Overture, "Csokonai" (Kéler). Potpourri (Rózsa). Minuet (Weingartner). Gavotte, Musette and Waltz (Kigyósi). Fandango (Logodi). Waltz, Viora (Szabados). Hungarian March (Ujvári). In the interval, News. 1.30—Records. 2.40—News. 3.0—Markets. 4.15—Fairy-Tales. 4.45—News. 5.0—Talk. 5.30—Choir. 6.0—Report: The Radióélet goes to Press.
 6.40—Ballads (Chopin) by Imre Kéeri-Szántó (Pfte.). 7.10—Reading.
 7.40—Hungarian Songs by Imre Wargha and the Sári Cigány Band.
 8.15—"The Changeling"—Play (Bonyi); at 9.45—News.
 10.50—Station Orchestra. Little Piece (Grainger). Nocturne (Liszt). Suite, Verbunkos (Rajter). The Gigolo (Logodi). Träumerei (Kálmán). Selection, "Zigeunerprimas" (Kálmán). Hungarian Dances (Brahms).
 11.15—Dance Records. 12.5 a.m. (Sunday)—News.

BUDAPEST (No. 2)

(Hungary)

359.5 kc/s (834.5 m.); 18 kW.
 5.0 p.m.—To be announced. 6.40—For Farmers. 7.10—Sári Cigány Band. 7.40—Talk. 8.15—News. 8.40—Records: Seventh Symphony (Schubert).

COLOGNE (Germany)

658 kc/s (455.9 m.); 100 kW.
 5.50 a.m.—Hymn; Weather; Gym; News.
 6.30-8.0—See Berlin. 8.0—Time; Weather; Water Level; Anniversaries. 8.10—Gym.
 8.30-9.30—See Stuttgart. 9.45—News.
 10.0—See Deutschlandsender. 10.30-11.0—For Children. 11.45—For Farmers.
 12.0 noon—See Breslau; at 1.0 p.m.—News; Greetings. 2.0—News. 2.15—Records. 3.15—Nature Study. 3.45—Industrial News.
 4.0—Favourite Melodies (arr. Hope)—Hagedstedt Orchestra, "Harmonie" Mandoline Ensemble. Conductor: Schneider. The Six Merry Singers, Margrit Schmitz (Soprano), Leiseifer (Tenor), Jeronchik and Kirsch (Pfte. Duo), Bräu (Saxophone), Pellauz (Pfte.) and Strohmaier (Organ); at 5.0-5.10—Reading. 6.0—Programme Notes.
 6.5—Records, Overtures, "Figaro" (Mozart), "William Tell" (Rossini), "Le Carnaval romain" (Berlioz), "Donna Diana" (von Reznick), "Susanna's Secret" (Wolf-Ferrari), "Die Fledermaus" (Strauss).
 6.45—News. 7.0—To be announced.
 7.15—See Hamburg.
 8.0-10.0—See Königsberg. 10.0—News.
 10.30 p.m.—1.0 a.m. (Sunday)—See Berlin.

DEUTSCHLANDSENDER

(Germany)

191 kc/s (1,571 m.); 60 kW.
 6.0 a.m.—Chimes; Motto; Weather; Records.
 6.30-8.0—See Berlin. 9.0—To be announced. 9.40—Gym.
 10.0—Freiherr von Stein Anniversary Programme. 10.30-11.0—For Children. 11.15-11.30—Weather. 11.40—For Farmers.
 12.0 noon—See Königsberg; at 12.55 p.m.—Time; Greetings. 1.45—News.
 2.0—Variety. 3.0—Weather; Exchange; Programme Notes. 3.10—Records.
 4.0—See Cologne. 6.0—Light Music—Bauschke Band. 6.45—Sports. 7.0—Motto; Weather; News.
 7.15—See Hamburg.
 8.0-10.0—See Königsberg. 10.0—News; Topical.
 10.30—Ristenpart Chamber Orchestra. Overture, "Montezuma" (Graun). Sinfonie in G (Frederick the Great); at 10.45—Weather.
 11.0 p.m.—12.55 a.m. (Sunday)—Dance Music from Berlin.

FRANKFURT (Germany)

1,195 kc/s (251 m.); 25 kW.
 Cassel, etc. See Sunday.
 6.0 a.m.—Hymn; Motto; Gym.
 6.30-8.0—See Berlin. 8.0—Time; Water Level; Weather; Gym.
 8.30-9.30—Records.
 10.0—See Deutschlandsender. 10.30-10.45—For Housewives. 11.30—Announcements. 11.40—News. 11.45—For Farmers.
 12.0 noon-2.0 p.m.—See Breslau. 2.0—News.
 2.10—"Musical Modes"—Records. 3.15—Talk; Industrial News. 3.30—"Touchy Folk"—Humorous Sequence (arr. Weinheber).
 4.0—See Cologne. 6.0—Topical. 7.0—News.
 7.15—See Hamburg.
 8.0—Military Band from Heidesheim. Conductor: Möller.
 9.0—"Over Land and Sea"—Concert by the Station Orchestras. Conductors: Moritz and Hauck. Suite, Over Land and Sea (Geisler). Cherry Ripe (C. Scott). Spanish Nights (Zander). South of the Alps (Fischer). Orientale (Cui). The Turkish Patrol (Michelis). Slav Festival



Lohengrin's Farewell. Wagner's "Lohengrin" will be presented at the Royal Flemish Opera House, Antwerp (at 8 p.m.) and it will be broadcast from Brussels No. 2

(Glazunov). Three Russian Pieces (Weninger): (a) The Little Bell, (b) Black Eyes, (c) Two Guitars. 10.0—News.
 10.20—"Ora et labora"—Hindenburg Biographical Sequence (arr. Burchard) (Recorded).
 11.20—Wagner Concert on Records. Entry of the Gods into Valhalla, "The Rhinegold." Prayer, "Rienzi." Siegfried's Rhine Journey, "The Dusk of the Gods." Lohengrin's Arrival, "Lohengrin."
 12.0 m't.—1.0 a.m. (Sunday)—Station Dance Band. Conductor: Hauck.

HAMBURG (Germany)

904 kc/s (331.9 m.); 100 kW.
 Bremen, etc. See Sunday.
 6.15 a.m.—Motto; Weather. 6.20—Talk: The Nation's Food.
 6.30-8.0—Fahldiek Band. In the interval at 7.0—News; and at 7.20—Gym. 8.0-8.15—For Housewives.
 10.0—See Deutschlandsender. 10.30 (from Stettin)—Concert Orchestra, Conductor: Quast. In the interval, Talk. 11.45—Shipping.
 12.0 noon (from Stettin)—Concert Orchestra. Conductor: Quast. Spanish Overture, Donna Chiquita (Winkler). Intermezzo, Nach der Arbeit (Carreno). Waltz, Dame in braun (Rebrecht). Intermezzo, Lu (Kernbach). Potpourri, Wir bitten um Gehör (Borchert). Waltz, Abend in Wien (Krüger-Donau). March Potpourri, Die Wache zieht auf (Kochmann). Triumphant March, "Aida" (Verdi).
 1.0 p.m.—Weather; Topical.
 1.15—Orchestra from Breslau. 2.0—News. 2.15—Music. 3.0—Shipping. 3.20—Records; Marches.
 4.0—See Cologne.
 6.0—"Fresh Breezes"—Military Band, Conductor: Siedentopf, from the Hamburg Radio Exhibition. 6.50—Weather. 7.0—News.
 7.15—For all German Stations. The Bückeberg Harvest Festival: Part of the Reception held by Dr. Goebbels in Hanover for the Nazi Peasant Leaders and Officials; Music by the Hamburg Station Orchestra.
 8.0-10.0—See Königsberg. 10.0—News.
 10.30 p.m.—1.0 a.m. (Sunday)—See Berlin.

HILVERSUM (1,875 m.)

(Holland)

160 kc/s; 10 kW until 4.40 p.m.; 150 kW from 4.40 p.m.
 KRO Programme
 7.40-8.55 a.m.—Records. 9.40—Records. 11.10—Religious Address. 11.40—Announcements. 11.55—KRO Orchestra, Conductor: van 't Woud; and Records. 1.40—For Children. 2.10—KRO Orchestra (contd.).
 3.40—HIRO Programme: Talks and Records. 4.50—Records.
 5.25—KRO Children's Choir. Conductor: de Jong. 5.55—Records. 6.0—Review of Periodicals. 6.25—Records; Announcements; Talks; Report. 7.40—News. 7.55—Meditation and Concert. 8.15—Variety. The Two Hodlars (Accordions), and KRO Melodists, KRO Boys, Records, etc. 10.10—News; Sports. 10.35-11.40—Records.

HILVERSUM (301.5 m.)

(Holland)

995 kc/s; 15 kW until 4.40 p.m.; 60 kW from 4.40 p.m.
 VARA Programme.
 7.40 a.m.—Records. 9.40—VPRO Religious Address. 10.0—Play;

(Riisager). Songs (Heise): (a) Agnetes Vuggevis, (b) Aften paa Loggiaen. Havren (Agerby). Swedish Folk Song. Norden (Gram).
 10.0—News; Weather.
 10.20—Svendsen Concert. Radio Orchestra Conductor: Grøndahl. Fessel (Violin). Festpolonaise. Zorohayda. Romance for Violin and Orchestra. Pariserkarneval.
 11.10 p.m.—1.0 a.m. (Sunday)—Larsen Dance Band; at 12.0 m't.—Chimes.

KÖNIGSBERG (Heilsberg)

(Germany)

1,031 kc/s (291 m.); 100 kW.
 Relayed by Danzig, 1,303 kc/s (230.2 m.).
 5.0 a.m.—Village Band. 5.45—Notes for Farmers. 6.0-6.20—Gym.
 6.30-8.0—See Berlin. 8.0—Prayers. 8.15—Gym.
 8.30-9.30—See Stuttgart.
 10.0-10.30—"Der Ackerbau ist die erste der Künste"—Play (Meingast). 10.45-10.50—Weather. 11.50—Markets.
 12.0 noon-2.0 p.m.—Station Orchestra. Conductor: Brückner. Overture, "Comedy of Errors" (Schmalstich). Altdeutsche Suite (Höffer). Arias, "Hansel and Gretel" (Humperdinck). Radetzky March (Strauss). Overture, "The Barber of Bagdad" (Cornelius). Hanseatic Suite (Scheffler). Four Old Dances (Niemann). March, Hoch Heidecksburg (Herzer); at 12.55-1.15—News.
 2.0—News; Anniversaries; Variety. 2.55-3.0—Markets. 3.30—Riddles. 3.50—Topical.
 4.0—See Cologne. 6.0—Sports Review.
 6.15—Records. Selection, "Tief-land" (d'Albert). Aria, "La Bohème" (Puccini), by Gigli (Tenor). Hungarian Rhapsody (Liszt). Overture, "Alessandro Stradella" (Flotow). 6.50—Local News. 7.0—News.
 7.15—See Hamburg.
 8.0-10.0—For most German Stations: Hindenburg Anniversary Programme.
 8.0—Marches by a Military Band. Conductor: Gareis.
 9.0—"Ora et labora!"—Hindenburg Biographical Sequence (arr. Burchard). 10.0—News; Sports.
 10.40-12.0 m't.—Dance Music from Munich.

LEIPZIG (Germany)

785 kc/s (382.2 m.); 120 kW.
 Relayed by Dresden, 1,285 kc/s (233.5 m.).
 5.50 a.m.—News. 6.0—Motto; Weather; Gym.
 6.30-8.0—See Berlin. 8.0—Gym. 8.20—Krummsdorf (Flute) and Burgert (Harpisichord).
 8.30—See Stuttgart. 9.30-9.45—Talk. 9.55—Water Level. 10.30-10.45—Weather; Programme Notes. 11.50—Anniversaries; Weather.
 12.0 noon-2.0 p.m.—See Breslau. 2.0—News. 2.15—Records. 3.20—For Children—Ilse Obrig and her Playmates. 3.50—Markets. 4.0—Variety Concert—Station Orchestra and Choir. Conductor: Kretzschmar, Gertrud Callam (Coloratura-Soprano), Reinecke (Tenor), Munkel (Pfte.) and Guthe (Xylophone). 6.0—A Modern Dictionary.
 6.15 (from Dresden)—Light Music—The Dresden Harp Quartet, Chartoffax Mandoline Quartet, Rüffer Zither Quartet and a Saxophone Quartet. Waltz, Herbsblumen, for Four Zithers (Schulze). Catalonian Song for Harp, Violin, Viola and Cello (Poenitz). Barcarolle for Three Mandolines and Guitar (Delys). Four Saxophones: (a) Prelude (Bumke), (b) Scherzo (Bormann). Alsatian Peasant Dance for Four Zithers (Merklings). Romance for Harp, Violin, Viola and Cello (Kemper). Eine Nacht in Sorrento for Three Mandolines and Guitar (Carbas-Chartoffax). Humoresque for Four Saxophones (Thon). German Dances for Harp, Violin, Viola and Cello (Fricke). 7.0—News.
 7.15—See Hamburg.
 8.0—See Munich. 10.0—News. 10.30-12.0 m't.—Dance Music from Munich.

LILLE (Radio PTT Nord)

(France)

1,213 kc/s (247.3 m.); 60 kW.
 Transmits at intervals from 6.30 a.m. 3.30 p.m.—Song Records. 4.0—Concert from Angers. 4.50—Markets. 5.0—Rozanes Orchestra. 5.45

—Talk: Names. 6.15—Records of Ninon Vallin.
 6.30—Mariette Lehoucq (Contralto). Les berceaux (Pierné). Ich rolle nicht (Schumann). Aria, "Samson and Delilah" (Saint-Saëns).
 6.45—Talk in English. 7.0—News. 7.35—Industrial and Social Notes. 7.50—Record. 7.55—Talk. 8.5—Record. 8.10—Sports.
 8.20—Roger Marceau (Accordion). Stephanie Gavotte (Czibulka). Waltz, Les Sirènes (Waldteufel). March, Old Comrades (Teike). 8.30 (also Limoges (PTT) and Toulouse (PTT))—"Le mariage de Figaro"—Play in Five Acts (Beaumarchais). 10.30-11.0—News; Records; Weather.

LYONS (PTT) (France)

648 kc/s (463 m.); 100 kW.
 Transmits at intervals from 6.30 a.m. 6.30 p.m.—Records. 7.0—News. 7.35—Talk. 7.50—Records. 8.0—Talks.
 8.30—From the Opéra, Paris. After the Programme, News.

MONTE CENERI

(Switzerland)

1,167 kc/s (257.1 m.); 15 kW.
 12.0 noon—Announcements; Records. 12.30 p.m.—News.
 12.40-1.30—See Beromünster. 1.30-1.45—Tourist Talk.
 5.0—Bormioli-Semprini Duo. Allegro in D (Mozart). Réverie du soir (Saint-Saëns). The Skaters' Waltz (Waldteufel). Jazz 1937 Film Potpourri (Bormioli-Semprini). 5.35—Recitations. 5.45-5.57—Record.
 7.44—Announcements. 7.45—News. 7.55—Records: Light Music. 8.30—"Ticinese Almanac" (Niny Mousny).
 9.30-10.0—Dance Records.

MUNICH (Germany)

740 kc/s (405.4 m.); 100 kW.
 Relayed by Nürnberg, 1,267 kc/s (236.8 m.).
 6.0 a.m.—Motto; Gym.
 6.30-8.0—See Berlin. 8.0—Gym. 8.30-9.30—See Stuttgart. 10.0-10.30—See Königsberg. 11.0—Markets; Ann. Rosenberger Chamber Quartet; Harvest Thanksgiving; News; Chamber Quartet (contd.).
 12.0 noon (from Nürnberg)—Military Band. Conductor: Heinlein. Overture, "Il Guarany" (Gomez). Selection, "Die Puppenfee" (Bayer). Cavalry March, Im schönen Tal der Isar (Löhrr). Serenade, Tausend rote Rosen (Meisel). Aubade printanière (Lacombe). March, Kerntruppen (Schiedecke). 1.0 p.m.—News.
 1.15—Records. Hungarian March (Berlioz). Slav Dance (Dvořák). Waltz in E flat (Chopin). Excerpts, "Carmen" (Bizet). Hindu Song (Rimsky-Korsakov). Hungarian Dance (Brahms). Polonaise, "Eugen Onegin" (Tchaikovsky). Selection, "The Bartered Bride" (Smetana).
 2.0—News. 2.15—Sports Review. 2.25—"Ein Männlein steht im Walde"—Sequence (on Records). 2.55—Records. 3.40—"Mayer, Meyer, and Meier"—Sequence about a German name.
 4.0—See Leipzig. 6.0—Markets. 6.10—German Songs—Gertrude Pitzinger (Contralto) and Staab (Pfte.). 6.45—Topical. 7.0—News. 7.15—See Hamburg.
 8.0—"Greetings from Munich's October Festival!"—Concert (arr. Müller - Ahrengier) with the Schwarzfischer Hallertau Band, Radio Schrammel Ensemble, and Karl Valentin and Lisl Karlstadt (Musical Sketches, etc.) in their repertoire. 10.0—News.
 10.20-12.0 m't.—Dance Music—Station Dance Band, Orchestra, and Schrammel Ensemble.

OSLO (Norway)

260 kc/s (1,153.8 m.); 60 kW.
 Fredrikstad, etc. See Sunday.
 Transmits at intervals from 11.10 a.m. 5.0 p.m.—Café Concert. 6.0—For Children. 6.30—Economics. 6.50—News.
 7.30—Time; Kolberg (Violin). Sonata (Reger). Melody (Tchaikovsky). Minstrels (Debussy). Rondo (Mozart).
 8.0—Talk. 8.15—Variety Concert. Station Orchestra. Conductor: Kramm. Jules de Vries (Saxophone), Lunde (Songs) and Walter Schubert. In the interval, Sketch. 9.40—News. 10.0—Topical. 10.15-11.15—Dance Records.

PARIS (Eiffel Tower)

(France)

1,456 kc/s (206 m.); 7 kW. Transmits at intervals from 8.30 a.m. 7.0 p.m.—Educational, 7.35—Talk: The London Money Market and its Role in World Affairs. 8.0—Records. 8.30 (Also Lyons (PTT))—From the Opéra.

PARIS (Poste Parisien)

(France)

959 kc/s (312.8 m.); 60 kW. 7.10 a.m.—Records; and at 7.30—News; at 8.10—Cookery; and at 8.30—News. 9.0—Records. 9.30—Records of Colette Betty. 9.45—“Tahiti”—Records. 10.0—Records. 10.30—Film Music. 11.0—Records of Ray Ventura. 11.30—Jazz Records. 12.0 noon—Exchange.

12.5 p.m.—Records of the Adolfin Orchestra. Excerpts, “White Horse Inn” (Stolz-Benatzky), “Orpheus in the Underworld” (Offenbach), and “Les Brigands” (Offenbach).

12.40—Records. 1.15—Records—Recitations. 1.31—Exchange. 1.35—Records: Saxophone Quartet. 1.50—Antoinette Soulas. 1.55—News. 2.0—Exchange. 2.5—Records. 2.15—Talk. 2.20—Records. 3.0—Music Hall; at 4.35—Exchange. 6.0—News; Exchange. 6.10—Roman Catholic Review. 6.35—Café Concert on Records. 6.58—News. 7.10—Foreign Press Review. 7.15—Records: Excerpts, “Tosca” (Puccini). 7.30—To be announced. 7.45—Records of the Adison Orchestra. 8.0—News. 8.10—Records.

8.15—“Le dernier salon où l'on cause,” by Max Regnier and his Company. 8.45—“La bonne histoire.” 9.0—News. 9.10—To be announced. 9.25—“C'est arrivé” (Jean Nohain). 9.40—Records. 9.55—News. 10.5—Report from the Press Section of the Paris Exhibition. 10.15—Dance Records. 10.30—11.0—Dance Music.

PARIS (PTT) (France)

695 kc/s (431.7 m.); 120 kW. 6.30 a.m.—News; Record; Weather. 7.0—Press Review. 7.30—Records: Italian Opera Arias. 8.0—8.30—News. 11.30—Record; Markets; Exhibition Notes. 11.48—Tourist Talk. 12.0 noon—Light Music and Dance Music by the Gody Orchestra; at 12.45 p.m.—News. 1.30—Aviation Review. 1.50—Tourist Report.

2.30—Programme for Hospitals. Part I. Ploquin (Pfte.). Génio and Wilhelmine Coudray (Songs). Pfte.: (a) Etude in A minor (de Bériot), (b) Jeux d'eau (Ravel). Songs: (a) Il neige (Bemberg), (b) Chant de joie (Allard-Regnier), (c) Sais-tu? (Fontenailles), (d) Les berceaux (Fauré), (e) Le cavalier d'Olmedo (Lazzari). Part II. One-Act Plays (Germain-Mesmlet-Rivau): (a) “C'est de bon cœur,” (b) “C'est la fin du monde.” 3.50—Literary Talk. 4.0—Talk.

4.10—Records. Eine kleine Nachtmusik (Mozart) by the Vienna Philharmonic. Conductor: Bruno Walter. Fantasia in C (Schubert) by Edwin Fischer (Pfte.). Der Wanderer (Schubert) by Kipnis (Bass).

5.0—Popular Dances and Songs by the Boldi Orchestra. 6.30—Records. La leggierezza (Liszt) by Eileen Joyce (Pfte.). Sonata in B minor (Liszt). 7.0—News. 8.0—Variety.

8.30 (also Marseilles (PTT) and Alpes-Grenoble (PTT))—Acts III, IV, and V, “Pelléas et Mélisande” (Debussy) from the Salle Gaveau. National Orchestra. Conductor: Inghelbrecht. Cast: Mme Teugels, Mlle Gauley, Roger Bourdin, Etcheverry, Médus and Hazart. 10.45—Records: The Enchanted Lake (Lyadov) by the Boston Symphony Orchestra. Conductor: Koussevitzky. 10.55—Weather. 11.0—See Paris (Radio-Paris).

PARIS (Radio-Paris)

(France)

182 kc/s (1,648 m.); 80 kW. Time Signals at 7.15 a.m., 12.30 p.m., 8.30 p.m., and 10.45 p.m. 6.50 a.m.—Records. 7.0—Gym. 7.15—Records. 7.30—News. 8.0—Records. 10.15—Records: Scherzos (Wieniawski, Mendelssohn). 10.30—Records: Bizet and Gounod Opera Music. 11.0—Classical Records. 11.30—Records: Suites (Massenet, Lacombe, Charpentier).

12.0 noon—Orchestra. Conductor: Ellis. Overture, “Ruy Blas” (Mendelssohn). Three Pieces (Turina): (a) Festival in Cordova, (b) In the Giralda, (c) March of the Lead Soldiers. 12.15 p.m.—Economics.

12.30—Orchestra (contd.). Suite, En Camargue (Delmas). Berceuse sur l'eau (Bournonville). Selection, “La petite fonctionnaire” (Messenger). Overture, “Le voyage en Perse” (Filippucci). Suite, Week-end (Caludi). 1.15—Madeleine Sibille (Songs). 1.30—News; Review in Verse.

1.45—Orchestra (contd.). Military March (Schubert). Suite, Les Erynnies (Massenet). 2.0—Folk Songs—Talk by Paul Rives with Songs by Lise Daniels. 2.15—Talk: The Colonies. 2.30—Literary Review.

2.45—Marcelle Gavanier (Songs). Deine Stimme (Schumann). Rossignol des lilas (Hahn). Les cigales (Chabrier). Liliane (Migot). 3.0—Records: Parades.

3.15—Nadia de Cléry (Songs). Aria, “Cleopatra” (Handel). Verborgene Liebe (R. Strauss). Le cœur de ma mie (Jaques-Dalcroze). 3.30—Talk: Inspirations. 3.50—Parassian Poems by Mme Hawkins.

4.0—Andrée Thierriat (Pfte.). Sicilienne (Respighi). Gavotte (Zipoli). Bruyeres (Debussy). Papillons (Philipp). 4.15—For Children.

5.0—Derveaux Orchestra. Overture, “Mozart” (Hahn). Waltz Suite, Acclamations (Waldteufel). Air de ballet, Fiftes et tambours (Gillet). Selection, “The Pink Lady” (Caryl). Arab Berceuse (Chaminade). La jeunesse d'Hercule (Saint-Saëns). Andante and Minuet, “Ariane” (Massenet). Parade of the Wooden Soldiers (Jessel).

6.0—Readings (Aragon). 6.20—Review by Haurigot. 6.30—Science Talk. 6.50—Racing. 7.0—Talk: Dancing Displays. 7.10—Records. 7.15—Lucie Rauh (Songs). Verborgeneit (Wolf). Que mon âme murmure (Pillois). The Lilac (Rachmaninoff). Chanson de Barberine (Lalo). Ein Traum (Grieg). 7.30—Sound News. 7.40—Records.

7.45—Mme Roger-Miclos (Pfte.). Finale from the Italian Concerto (Bach). El vito (Infante). 8.0—Political Review. 8.15—Review.

8.30-10.30—See Bordeaux-Lafayette; at 9.35—News. 10.30—Dance Records. 10.45—News. 11.0 p.m.—1.0 a.m. (Sunday)—Dance Music.

PRAGUE (Czechoslovakia)

638 kc/s (470.2 m.); 120 kW. Transmits at intervals from 6.30 a.m. 11.5 a.m.—Balsánek Salon Orchestra. 11.55—For Farmers. 12.10 p.m.—Water Level; Records. 12.25—News.

12.35—See Bratislava. 1.30—Industrial News. 1.40—Records. 1.50—Exchange. 1.55—Exchange and Weather (German). 2.0-2.20—German Transmission. 3.25—Concert from Kosice. 4.25—Bulgarian Song Recital by Vyshegonoff. 4.50—Play for Children. 5.35—For Farmers. 5.45—For Workers.

5.55—German Transmission: Madrigals (Domantius); “Farewell to Barracks”—Play (Pesk-Schneider). 6.45—News (German). 7.0—News; Economic Notes. 7.20—“Chrudim”—A Film about East Bohemia.

8.0—Mozart Concert. Station Orchestra. Conductor: Krejci. Taubergova (Soprano), Zitek (Bass). Arias, “Figaro.” Excerpts, “Don Giovanni,” “The Magic Flute” and “Cosi fan tutte.” 9.55—Record. 10.0—News. 10.15-10.30—Records.

RADIO-NORMANDIE

(France)

1,113 kc/s (269.5 m.); 15 kW. 6.45 a.m.—Military Band. 7.0—Chansonnettes; News. 7.45—Physical Exercises. 8.0—Light Music. 8.15—Records. 8.30—Fantasy. 8.45—Songs. 9.0—Records. 9.15—Light Music. 9.30—Popular Songs. 9.45—Light Music. 10.0—Records. 10.15—News Parade. 10.30—Light Music. 10.45—Records. 11.0—Chansonnettes. 12.0 noon—Records of the Polydor Orchestra. 12.20 p.m.—Records of Licette Limozin. 12.45—News. 1.0—Miracle and Nohain Music. 1.40—Huard and his Orchestra. 2.0—Records. 2.30—Paris Exhibition News.

2.45—Records. 3.0—Records. 3.15—Harold Around (Organ) and Others. 3.30—Records. 4.0—Request Programme. 4.15—Dance Music. 4.45—Records. 5.0—For Children. 5.15—Songs by the Alexander Orchestra. 5.30—Records. 5.45—Light Music. 6.0—Children's Corner. 6.45—Talk; News; Racing Results.

7.0—Operetta Music. Excerpts from “A Masked Ball” (Verdi), “A Waltz Dream” (O. Straus), “Der Rosenkavalier” (R. Straus) and “La Mascotte” (Audran). 7.50—News.



Johann Strauss, a programme of whose music will be transmitted from Sottens at 10 p.m.

8.5—Ballet Music from “Les Songs” (Milhaud) by the Paris Symphony Orchestra (Records). 8.40—Records of May Marquet and Locatelli (Violin). 9.0—Concert by the Jacques Deneuve Troupe. 10.0—Café Concert. 11.0—Dance Music. 11.45—News. 12.0 m't.—Midnight Melodies. 12.30 a.m. (Sunday)—Light Music. 1.0—Dance Music. 1.30-2.0—Light Music.

ROME (Italy)

713 kc/s (420.8 m.); 50 kW. Naples, etc. See Sunday.

7.45 a.m.—Gym. 8.0-8.20—Time; News. 11.30—See Turin. 12.30 p.m.—Sports. 12.40—Light Orchestral. Conductor: Mancini; at 1.0-1.15—News. 1.50—Announcements. 2.0—News. 2.20-3.0—News; Soprano; Talk. 4.40—For Children. 5.0—News. 5.15—Dance Music. 5.50—Weather. 5.55—Talk. 6.10—For Farmers. 6.50—Dopolavoro Notes. 7.0—Talk (Esperanto); Notes; Music. 7.53—News in Foreign Languages. 8.10—News. 8.30—Talk.

9.0—“Lilac Time” (Schubert-Berté). In the intervals, Talk; Notes. 11.30 p.m. (approx.)-12.30 a.m. (Sunday)—Dance Music.

SOTTENS (Switzerland)

677 kc/s (443.1 m.); 100 kW. Relayed by Geneva, 401 kc/s (748 m.).

12.29 p.m.—News. 12.40—See Beromünster. 1.30-2.0—Records. 5.0—See Monte Ceneri. 6.0—Cathedral Chimes. 6.10—Songs and Accordions from Môtiers. 7.0—Labour Exchange. 7.10—Talk: Careers. 7.20—Talk: The “Arts and Letters” Exhibition at Vevey. 7.30—Music. 7.40—Talk. 7.50—News.

8.0—Industrial Report and Concert from Couvet. Band and Choirs. 9.0—Radio Suisse romande Orchestra. Conductor: Haug. Sinfonia Concertata in D (Donizetti). Concerto for Kettledrums and Strings (Gerster). Serenade for Strings (Larsson). Arlecchino (Tocchi).

9.30—Children's Songs by Mme Nitta Rette. Joli Gilles (Poise). Aux Iles Vent-debout (Pingault). Papa n'a pas voulu (Mireille). Les petits airs (Boller). Les

petites graines (Bolle). Berceuse de Tribul (de Miollis). Ronde des petits nains de la montagne (Jaques-Dalcroze). Ronde du petit qui ne mange pas sa soupe (Jaques-Dalcroze). La souris (Canal). Le marché du village (Canal). Ma poupée chérie (de Séverac).

10.0—Johann Strauss Concert. Radio Suisse romande Orchestra. Overture, “A Night in Venice.” Lagunenwalzer. Selection, “Die Fledermaus.” Wiener Legenden (arr. Korngold). 10.30-11.0—Dance Records.

STOCKHOLM (Sweden)

704 kc/s (426.1 m.); 55 kW. Motala, etc. See Sunday.

Transmits at intervals from 7.20 a.m. 12.25-12.50 p.m.—Accordion Band. 1.0—Drinking Songs by Nonne Hall and Ericson-Bönick. 1.30—Talk. 2.0—Wind Band. 3.0 (from Göteborg)—Finnish Music by Asti (Violin) and Eckerberg (Pfte.). Sonatina for Violin and Pfte. (Madetoja). Pfte. Pieces (Sibelius): (a) Kyllikki, (b) Etude and Capriccio, (c) Impromptu.

3.30—Report. 4.0—Records. 5.5—Reading. 5.30—For Young People. 6.0—Swedish Lesson. 6.30—Music. 6.45—“Engineer Björck and Family”—Sketch (Alice Svensk). 7.0—News; Topical. 7.30—Cabaret. 8.30—A Play. 9.45—News. 10.0-11.0—Station Dance Band.

STRASBOURG (France)

859 kc/s (349.2 m.); 100 kW.

Transmits at intervals from 6.30 a.m. 5.0 p.m.—For Children. 5.30—Accordion Records. 5.45—Concert from Bordeaux-Lafayette. 6.30—Songs from Nice-Côte d'Azur. 7.0—News. 7.35—See Eiffel Tower. 8.0—News (German). 8.15—Sports. 8.30—Variety from Rennes-Bretagne. 10.30—News. 10.55—News (German). 11.0—Dance Music.

STUTTGART (Germany)

574 kc/s (522.6 m.); 100 kW.

5.45 a.m.—Hymn; Time; Weather; For Farmers; Gym. 6.15—News. 6.30-8.0—See Berlin. 8.0—Water Level; Weather; Markets; Gym. 8.30-9.30—Station Orchestra, from Saarbrücken. Conductor: Kasper. Selection, “Land der Liebe” (Melichar). Czardas, Zigeuner-geigen (Miller). Serenade, Kisses in the Dark (de Micheli). Song Potpourri (Derksen). Excerpts, Caucasian Sketches (Ippolitov-Ivanov). Paraphrase, Lied der Barkenschlepper (Weninger). Descriptive Piece (Demarc). Minuet (Boccherini). Mosaic (Engel). March, Einzug der Gladiatoren (Fucik).

10.0-10.30—See Berlin. 11.30—Folk Music; For Farmers. 12.0 noon-2.0 p.m.—See Breslau. 2.0 p.m.—See Deutschlandsender. 3.0—A Sunday Excursion into the Country. 4.0—See Cologne. 6.0—The Week's Sound News. 7.0—News. 7.15—See Hamburg. 8.0-10.0—See Königsberg. 10.0—News. 10.30—Station Dance Band. 12.0 m't.-1.0 a.m. (Sunday)—See Frankfurt.

TOULOUSE (Radio-Toulouse)

(France)

913 kc/s (328.6 m.); 60 kW. Transmits at intervals from 8.0 a.m. 12.0 noon—News. 12.30 p.m.—Orchestra. 12.45—Light Music. 1.15—“Traditions”—Fantasy.

1.45—Operetta Songs, “Lilac Time” (Schubert-Berté), “Le chant des tropiques” (Simons), “Three Waltzes” (O. Straus), “Un de la musique” (Dumas). 2.0—News. 5.30—Dance Refrains. 5.45—Operetta Music. Excerpts, “Song of Happiness” (Lehar), “The Flower of Hawaii” (Abraham), “The Dollar Princess” (Fall). 6.0—Songs. 6.15—Marches. 6.40—Opera Arias, “Carmen” (Bizet), “Lakmé” (Delibes), “Mirella” (Gounod), “Rigoletto” (Verdi).

6.55—News. 7.15—“Les Ponts”—Fantasy. 7.45—Light Music. 9.30—Excerpts, “The Barber of Seville” (Rossini). 10.0—News. 10.15—Film Music. 10.30—Orchestra. 10.45—Songs. 11.0—Dance Music. 11.15—Light Music. 11.50—News.

SATURDAY (October 2)

TURIN (No. 1) (Italy)

1,140 kc/s (263.2 m.); 7 kW. Milan (No. 1), etc. See Sunday. 7.45 a.m.—Gym. 8.0-8.20—Time; News.

11.30—Light Orchestral. Conductor: Malatesta. Divertimento (Maggioli). Suite, Canti della Sicilia (Favara). Intermezzo (Zemlinsky). La Pliniana (Vittadini). Prayer and Temple Dance (Grieg). Still wie die Nacht (Böhm). Carnevesca (Breschi). Notti d'Oriente (Cuscina). Scherzodanza (Malatesta).

12.30 p.m.—Sports. 12.40-2.0—See Rome. 2.0-2.15—News. 4.40—For Children. 5.0—News. 5.15-6.10—See Rome. 6.50—Dopolavoro Notes. 7.0—Music. 7.40—News in Foreign Languages. 8.10—News. 8.30—Talk.

9.0—Sacred Music from the Teatro Morlacchi, Perugia. Conductor: Capuana. Cast: Autori, Malipiero, Franca Somigli, Maria Huder, etc. Part I. “Giona”—Oratorio (Carissimi); Part II. “Maria Egiziaca” (Respighi). Part III. “La sacra rappresentazione d'Abraham e d'Isaac” (Pizzetti). 11.30 p.m. (approx.)-12.30 a.m. (Sunday)—News; Dance Music by the Cetra Orchestra.

VIENNA (Austria)

592 kc/s (506.8 m.); 100 kW. Graz, etc. See Sunday.

6.45 a.m.—Call; Gym. 7.0—Motto; News. 7.10-8.0—Film Records. 9.10—News. 9.20—Markets. 9.30—Weather. 10.50—Records: Folk Music. 11.20—Water Level. 11.25—For Women.

12.0 noon—Chimes; Station Orchestra. Overture, Spiel im Schloss (Kark). Danube Silhouettes (Geiger). Gounod Potpourri (Morena). Romance (Tcherepnin). Rusticarella (Cortopassi). Cello: Spanish Dance (Granados). Selection, “Dance of the Dragonflies” (Lehar). 4.0 p.m.—News.

1.10—Orchestra (contd.). Overture, “The Betrothal by Lantern-light” (Offenbach). Rhapsody (Sandauer). Saxophone: Märchen-ende (Schneider). Excerpts, “Donauliechen” (Eysler). Monte Cristo (Kotlar). Rambling around (Buttermann).

2.0—Records of Felicie Hüni-Mihacek (Soprano), Roswaenge (Tenor) and Scheidl (Baritone). 2.30—Announcements. 3.0—Weather; Markets. 3.15—Vindobona Mandoline Band. 4.0—News; Markets. 4.5—Italian Lesson.

4.25-5.35—“Tutti-frutti”—Records for Everyone. 4.25—Music of the British Empire. 4.35—Miliza Korjus (Coloratura Soprano). 4.45—Deprince Accordion Band. 4.55—Franz Völker (Tenor). 5.5—Rawicz and Landauer (Pftes.). 5.15—The Humoreskimos. 5.25—“D'Speckbacher.”

5.35—Stories. 6.0—Folk Song Lesson. 6.20—Chamber Music Lesson. 6.40—Foreign Affairs. 7.0—News. 7.10—Film Review. 7.40—Talk. 7.50—“Die tolle Therese”—Beidermeier Operetta (Röhmisch).

9.45—Sonata in A (John Ireland) by Lisa Minghetti (Violin) and Kuba (Pfte.). 10.10—News. 10.20-11.30—Station Dance Band; at 10.55—News.

WARSAW (Poland)

224 kc/s (1,339 m.); 120 kW. Cracow, etc. See Sunday.

6.15 a.m.—Hymn. 6.18—Gym. 6.38—Records. 7.0—News. 7.10—Records. 8.0-8.10—For Schools. 11.15—For Schools. 11.40—Brahms Records. 11.57—Fanfare. 12.3 p.m.—News. 12.15—For Farmers. 12.25-1.0—Light Orchestral. 3.45—Economics. 4.0—For Children.

4.30 (from Cracow)—Overtures—Herman Orchestra. “Giralda” (Adam). “Le roi Pa dit” (Delibes). Carnival Overture (Blasius). 5.0 (from Wilno)—Service. 5.05—Reading. 6.0—Programme Notes. 6.15—Records: Tarantellas. 6.50—Talk. 7.0—Hungarian Melodies—Mandoline Band. Guitar Ensemble and Singers. 7.40—Topical. 7.50—Sports. 8.0—Play for Poles Abroad. 8.45—News. 8.55—For Farmers. 9.5—Station Dance Band; at 9.45—Review of Periodicals. 10.50-11.0—News.

STATIONS IN ORDER OF FREQUENCIES AND WAVELENGTHS

| kc/s | m. | kW | Station | kc/s | m. | kW | Station | kc/s | m. | kW | Station |
|---------------------------|--------|-----|---|------|-------|------|---|------|-------|------|--|
| Band No. 1. 150-300 kc/s. | | | | | | | | | | | |
| 152 | 1973.5 | 5 | Ankara (Turkey) | 731 | 410.4 | 0.1 | Assiut (Egypt) | 1122 | 267.4 | 6.25 | Nyregyháza (Hungary) |
| 153 | 1961 | 7 | Kaunas (Lithuania) | | | 3 | Madrid (EAJ2) (Spain) | 1131 | 265.3 | 10 | Hörby (Sweden) |
| | | 150 | Hilversum (No. 1) (Holland) | | | 5.5 | Seville (Spain) | | | 7 | Turin (No. 1) (Italy) |
| | | | (Power 10 kW only until 5.40 p.m. B.S.T.) | 740 | 405.4 | 100 | Tallinn (Estonia) | 1140 | 263.2 | 10 | Genoa (Italy) |
| 160 | 1875 | | Radio-Romania (Romania) | 749 | 400.5 | 100 | Munich (Germany) | | | 10 | Trieste (Italy) |
| | | 150 | Lahti (Finland) | | | 1 | Marseilles (PTT) (France) | | | 20 | LONDON NATIONAL |
| 166 | 1807 | 150 | Moscow (No. 1) (U.S.S.R.) | 758 | 395.8 | 12 | Pori (Finland) | 1149 | 261.1 | 20 | NORTH NATIONAL |
| 172 | 1744 | 500 | Moscow (No. 1) (U.S.S.R.) | | | 12 | Katowice (Poland) | | | 50 | SCOTTISH NATIONAL |
| 182 | 1648 | 80 | Radio-Paris (France) | 767 | 391.1 | 60 | BURGHEAD | 1158 | 259.1 | 10 | Kosice (Czechoslovakia) |
| 185 | 1622 | 5 | Istanbul (Turkey) | | | 70 | SCOTTISH REGIONAL | 1167 | 257.1 | 15 | Monte Ceneri (Switzerland) |
| 187.5 | 1600 | 20 | Irkoutsk (U.S.S.R.) | 776 | 386.6 | 0.25 | Sortavala (Finland) | 1176 | 255.1 | 10 | Copenhagen (Denmark) |
| 191 | 1571 | 60 | Deutschlandsender (Germany) | | | 10 | Stalino (U.S.S.R.) | 1185 | 253.2 | 60 | Nice-Côte d'Azur (France) |
| 200 | 1500 | 150 | DROITWICH | 785 | 382.2 | 120 | Toulouse (PTT) (France) | | | 0.5 | Cassel (Germany) (suspended) |
| | | 35 | Minsk (U.S.S.R.) | 795 | 377.4 | 120 | Leipzig (Germany) | | | 2 | Coblentz (Germany) |
| | | 16 | Reykjavik (Iceland) | | | 7.5 | Barcelona (EAJ1) (Spain) | 1195 | 251 | 25 | Frankfurt (Germany) |
| 216 | 1389 | 150 | Motala (Sweden) | | | 50 | Lwów (Poland) | | | 5 | Freiburg-im-Breisgau (Ger.) |
| 217.5 | 1379 | 100 | Novosibirsk (U.S.S.R.) | 804 | 373.1 | 5 | PENMON (Anglesey) | | | 2 | Trier (Germany) |
| 224 | 1339 | 120 | Warsaw (No. 1) (Poland) | 814 | 368.6 | 70 | WELSH REGIONAL | 1204 | 249.2 | 5 | Prague (No. 2) (Czechoslovakia) |
| | | 150 | Luxembourg | 823 | 364.5 | 50 | Milan (No. 1) (Italy) | 1213 | 247.3 | 60 | Lille (Radio PTT Nord) (France) |
| 232 | 1293 | 100 | Moscow (No. 2) (U.S.S.R.) | | | 12 | Bucharest (Romania) | 1222 | 245.5 | 0.3 | Narvik (Norway) |
| | | 60 | Kalundborg (Denmark) | | | 1.5 | Agen (France) | | | 60 | Rome (No. 2) (Italy) Testing |
| 240 | 1250 | 0.5 | Vienna Experimental (Austria) | 832 | 360.6 | 35 | Kiev (No. 2) (U.S.S.R.) | 1231 | 243.7 | 5 | Görlitz (Germany) |
| | | 100 | Kiev (No. 1) (U.S.S.R.) | | | 0.4 | Rueil-Malmaison (Radio 37) (Beziers) (France) | 1235 | 242.9 | 5 | Gleivitz (Germany) |
| 248 | 1209.6 | 10 | Vigra (Aalesund) (Norway) | 841 | 356.7 | 100 | Berlin (Germany) | 1249 | 240.2 | 17 | Cork (Irish Free State) |
| 253 | 1186 | 25 | Tashkent (U.S.S.R.) | | | 1 | Sofia (Bulgaria) | | | 1 | Saarbrücken (Germany) |
| 256.4 | 1170 | 60 | Oslo (Norway) | | | 10 | Bodö (Norway) | 1258 | 238.5 | 15 | Bilbao (EAJ8) (Spain) |
| 260 | 1153.8 | 100 | Leningrad (No. 1) (U.S.S.R.) | 850 | 352.9 | 1 | Porsgrund (Norway) | | | 1 | Riga (Latvia) |
| 271 | 1107 | 10 | Tromsø (Norway) | | | 10 | Stavanger (Norway) | 1267 | 236.8 | 2 | Rome (No. 3) (Italy) |
| 282 | 1065 | 35 | Tiflis (U.S.S.R.) | | | 3 | Valencia (Spain) | 1276 | 235.1 | 27 | Nürnberg (Germany) |
| 283 | 1060 | 20 | Saratov (U.S.S.R.) | 859 | 349.2 | 10 | Simferopol (U.S.S.R.) | 1285 | 233.5 | 1 | Radio-Méditerranée (France) |
| | | 10 | Finmark (Norway) | | | 100 | Strasbourg (France) | | | 2 | Varna (Bulgaria) |
| 340 | 882.3 | 10 | Archangel (U.S.S.R.) | 868 | 345.6 | 16 | Poznan (Poland) | 1285 | 233.5 | 0.25 | ABERDEEN |
| 347 | 864 | 20 | Rostov-on-Don (U.S.S.R.) | 877 | 342.1 | 70 | LONDON REGIONAL | 1294 | 231.8 | 5 | Dresden (Germany) |
| 350 | 857.1 | 18 | Budapest (No. 2) (Hungary) | 886 | 338.6 | 15 | Graz (Austria) | 1303 | 230.2 | 0.5 | Klagenfurt (Austria) |
| 355 | 845.1 | 40 | Sverdlovsk (U.S.S.R.) | | | 15 | Linz (Austria) | | | 5 | Vorarlberg (Austria) |
| 359.5 | 834.5 | 10 | Voronezh (U.S.S.R.) | 895 | 335.2 | 1.5 | Helsinki (Finland) | 1303 | 230.2 | 0.5 | Danzig (Danzig Free City) |
| 375 | 800 | 30 | Banská-Bystřica (Czecho.) | 904 | 331.9 | 100 | Hamburg (Germany) | | | 0.25 | Karlstad (Sweden) |
| 390 | 769 | 0.6 | Geneva (Switzerland) | 913 | 328.6 | 10 | Helsinki (Finland) | 1312 | 228.7 | 2.5 | Malmö (Sweden) |
| | | 30 | Moscow (No. 3) (U.S.S.R.) | | | 10 | Helsinki (Finland) | | | 0.25 | Norrköping (Sweden) |
| 401 | 748 | 1.3 | Moscow (No. 3) (U.S.S.R.) | 922 | 325.4 | 32 | Brno (Czechoslovakia) | 1321 | 227.1 | 1.25 | Trollhättan (Sweden) |
| | | 0.6 | Ostersund (Sweden) | 932 | 321.9 | 15 | Brussels (No. 2) (Belgium) | 1330 | 225.6 | 2 | Bremen, Hanover, Kiel, Stettin (Germany) |
| 413.5 | 726 | 10 | Oulu (Uleaborg) (Finland) | 941 | 318.8 | 12 | Algiers (North Africa) | | | 0.5 | Magdeburg (Germany) |
| 431 | 696 | 0.5 | Tartu (Estonia) | 950 | 315.8 | 100 | Breslau (Germany) | 1339 | 224 | 2 | Lódz (Poland) |
| | | 0.7 | Hamar (Norway) | 959 | 312.8 | 60 | Poste Parisien (France) | | | 1.5 | Montpellier (PTT) (France) |
| 519 | 578 | 1 | Innsbruck (Austria) | 968 | 309.9 | 30 | Bordeaux-Sud-Ouest (France) | | | 0.5 | Cairo (No. 2) (Egypt) |
| | | 6.3 | Ljubljana (Yugoslavia) | 977 | 307.1 | 100 | Odessa (U.S.S.R.) | 1348 | 222.6 | 0.5 | Dublin (Irish Free State) |
| 527 | 569.3 | 10 | Viipuri (Finland) | | | 10 | NORTHERN IRELAND REGIONAL | | | 2 | Königsberg (No. 2) (Germany) |
| | | 10 | Bolzano (Italy) | | | 50 | Bologna (Radio - Marconi) (Italy) | | | 0.15 | Rjukan (Norway) |
| 536 | 559.7 | 50 | Wilno (Poland) | 986 | 304.3 | 24 | Torun (Poland) | | | 2 | Salzburg (Austria) |
| 546 | 549.5 | 120 | Budapest (No. 1) (Hungary) | 995 | 301.5 | 60 | Hilversum (No. 2) (Holland) | | | 0.7 | Tampere (Finland) |
| 556 | 539.6 | 100 | Beromünster (Switzerland) | | | 13.5 | Bratislava (Czechoslovakia) | 1357 | 221.1 | 4 | Bari (No. 2) (Italy) |
| | | 100 | Athlone (Irish Free State) | 1004 | 298.8 | 4 | Chernigov (U.S.S.R.) | | | 0.3 | Milan (No. 2) (Italy) |
| 565 | 531 | 10 | Klaipeda (Lithuania) | 1013 | 296.2 | 70 | MIDLAND REGIONAL | 1366 | 219.6 | 0.3 | Notodden (Norway) |
| | | 3 | Palermo (Italy) | | | 3 | Barcelona (EAJ15) (Spain) | | | 0.2 | Turin (No. 2) (Italy) |
| 574 | 522.6 | 100 | Stuttgart (Germany) | 1022 | 293.5 | 2 | Cracow (Poland) | | | 2 | L'Île de France (France) |
| | | 20 | Alpes-Grenoble (PTT) (France) | | | 0.7 | Oviedo (Spain) | 1375 | 218.2 | 0.5 | Basle (Switzerland) |
| 583 | 514.6 | 50 | Madona (Latvia) | 1031 | 291 | 100 | Königsberg (No. 1) (Heilsberg) (Germany) | 1384 | 216.8 | 0.5 | Berne (Switzerland) |
| 592 | 506.8 | 100 | Vienna (Austria) | | | 5 | Paredo (Portugal) | 1393 | 215.4 | 7 | Warsaw (No. 2) (Poland) |
| 601 | 499.2 | 25 | Rabat (Morocco) | 1040 | 288.5 | 120 | Rennes-Bretagne (France) | 1402 | 214 | 25 | Radio-Lyons (France) |
| 610 | 491.8 | 10 | Sundsvall (Sweden) | 1050 | 285.7 | 50 | W. OF ENGLAND REG'L. | 1420 | 211.3 | 10 | Stara-Zagora (Bulgaria) |
| 620 | 483.9 | 15 | Brussels (No. 1) (Belgium) | 1059 | 283.3 | 20 | Bari (No. 1) (Italy) | | | 0.5 | Vaasa-Vasa (Finland) |
| 625 | 480 | 20 | Cairo (No. 1) (Egypt) | 1068 | 280.9 | 0.8 | Radio-Cité (Paris) (France) | | | 0.5 | Alexandria (No. 2) (Egypt) |
| | | 20 | Samara (U.S.S.R.) | 1077 | 278.6 | 10 | Tiraspol (U.S.S.R.) | 1429 | 209.9 | 2.5 | Kaiserslautern (Germany) |
| 629 | 476.9 | 15 | Lisbon (Emissora Nacional) (Portugal) | 1086 | 276.2 | 35 | Bordeaux-Lafayette (France) | 1438 | 208.6 | 1.25 | Miskolc (Hungary) |
| | | 20 | Trondelag (Norway) | 1095 | 274 | 2 | Falun (Sweden) | 1456 | 206 | 7 | Eiffel Tower (Paris) (France) |
| 638 | 470.2 | 120 | Prague (No. 1) (Czechoslovakia) | 1104 | 271.7 | 10 | Vinnitsa (U.S.S.R.) | | | 0.1 | Antwerp (Belgium) |
| 648 | 463 | 100 | Lyons (PTT) (France) | | | 10 | Madrid (EAJ7) (Spain) | 1465 | 204.8 | 0.1 | Courtrai (Belgium) |
| 658 | 455.9 | 100 | Cologne (Germany) | 1113 | 269.5 | 15 | Radio - Normandie (Fécamp) (France) | | | 1.25 | Pecs (Hungary) |
| 668 | 449.1 | 20 | Jerusalem (Palestine) | | | 11.2 | Moravská - Ostrava (Czechoslovakia) | 1474 | 203.5 | 1 | BOURNEMOUTH |
| 677 | 443.1 | 70 | NORTH REGIONAL | 1122 | 267.4 | 0.5 | Alexandria (No. 1) (Egypt) | 1487 | 201.7 | 0.3 | PLYMOUTH |
| 686 | 437.3 | 100 | Sottens (Switzerland) | | | 1 | NEWCASTLE | | | 0.1 | Bincbe (Belgium) |
| 686 | 437.3 | 20 | Belgrade (Yugoslavia) | | | 1 | NEWCASTLE | | | 0.2 | Albacete (Spain) |
| 695 | 431.7 | 120 | Paris (PTT) (France) | | | 0.7 | Zagreb (Yugoslavia) | 1492 | 201.1 | 0.1 | Chatelineau (Belgium) |
| 704 | 426.1 | 55 | Stockholm (Sweden) | | | 5 | Madrid (EAJ7) (Spain) | | | 0.7 | Nimes (France) |
| 713 | 420.8 | 50 | Rome (No. 1) (Italy) | | | .. | Salamanca (Spain) | | | 0.5 | Santiago (Spain) |
| | | 1 | Bergen (Norway) | | | 10 | Vinnitsa (U.S.S.R.) | | | 0.1 | Wallonia (Belgium) |
| | | .. | Hilversum (Lopikerkapel) (Testing) | | | 10 | Kuldiga (Latvia) | | | 0.1 | Liège Experimental, Radio-Cointe (Belgium) |
| 722 | 415.4 | 10 | Kharkov (U.S.S.R.) | | | 11.2 | Moravská - Ostrava (Czechoslovakia) | | | 0.25 | Pietersaari (Jacobstadt) (Finland) |
| | | 1 | Fredrikstad (Norway) | | | 15 | Radio - Normandie (Fécamp) (France) | 1500 | 200 | 0.2 | Radio-Alcala (Spain) |
| | | | | | | 0.5 | Alexandria (No. 1) (Egypt) | 1530 | 196 | 0.1 | Seraing, Verviers, Wallonia (Belgium) |
| | | | | | | 1 | NEWCASTLE | 1734 | 173 | 0.2 | Karlskrona (Sweden) |
| | | | | | | | | | | 0.1 | Liepāja (Latvia) |

ALL ADVERTISEMENTS FOR "WORLD-RADIO" should be addressed to the Advertisement Director, BBC, 35, Marylebone High Street, W.1.—Telephone: Welbeck 4468. Coupons should be sent direct to the Advertiser.

Printed in England by WATERLOW & SONS LTD., Twyford Abbey Road, Park Royal, N.W.10, and published by the British Broadcasting Corporation at 35, Marylebone High Street, London, W.1, England—September 24, 1937.