

# THE INDIAN LISTENER



Vol. I. No. 13

ALL-INDIA RADIO

22nd JUNE, 1936

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## AN APPEAL FOR CO-OPERATION

“BEFORE broadcasting can be developed in India on a large scale, it is necessary to obtain scientific data on a number of practical aspects in which local conditions differ in greater or lesser degree from those obtaining elsewhere.”

“THE work, however, is one of great magnitude and, moreover, in a vast country like India, observations will have to be taken at a large number of centres before we can proceed on sure grounds. This is a line in which co-operation is necessary from the majority of scientific institutions and universities.”

“SHORT-WAVE transmission is primarily a problem of atmospheric noise-levels, and until we have dependable data on atmospheric disturbances, it would not be justifiable to embark on an elaborate system of short-wave stations. In this connection it is hoped to obtain the help of the listening public as well as the scientific world.”

*The above are three extracts from an article in this issue.*

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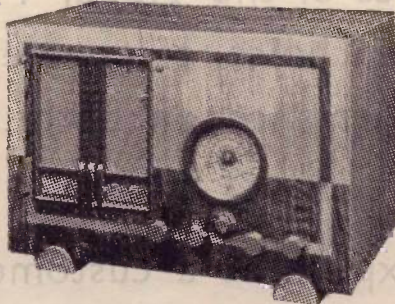
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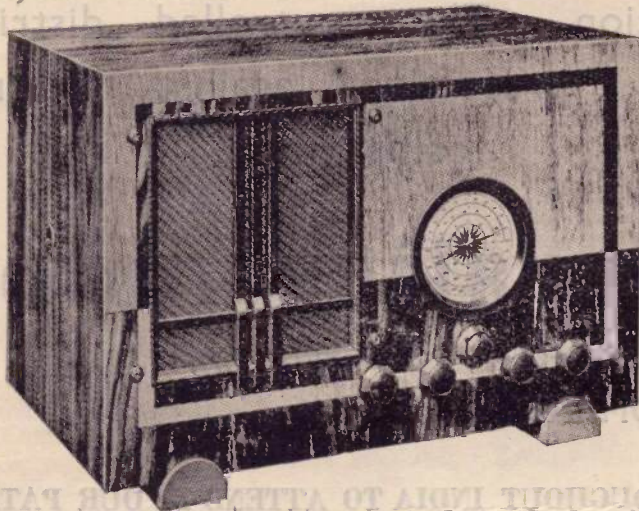
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# THE INDIAN LISTENER

(Incorporating "THE INDIAN RADIO TIMES")

OFFICIAL ORGAN OF ALL-INDIA RADIO

Vol. I.

22nd JUNE 1936.

No. 13.

## ALL-INDIA RADIO

OUR new name appears to have met with general approbation,—a new experience for us, indeed! The old title of "Indian State Broadcasting Service" was certainly cumbersome. It was also liable to misinterpretation, for often have letters been sent to Station Directors asking which Indian State was actually responsible for the service. But All-India Radio,—note the very appropriate initials A-I-R,—clearly expresses just what we are trying to be. To us India is a united country, federalised as far as the air is concerned, and unseparated by provincial boundaries or ambitions. We recognise, of course, that in India there are various religious divisions; but those divisions, to broadcasting, are merely divisions of culture, of belief, and of social custom. All-India Radio knows nothing of political differences dictated by communal claims or desires. Our programmes are prepared on an All-India basis, built up on a recognition of the needs and wishes of the different sections of the community, appreciating and respecting the religious and moral and social views of those differing sections, but definitely seeking to give India a comprehensive and All-Indian broadcasting service.

That is why we were amused at a recent newspaper report purporting to give the suggestions of a visiting foreign expert "for the improvement of broadcasting in India." One of these suggestions was that those responsible should work "solely for the advancement of broadcasting without any regard for provincial or communal sentiments." Our visitor is certainly right in his outlook; but the admonition comes rather late. All-India Radio stands for that very principle. Indeed, it always has stood for it, even under its more cumbersome name. There have, it is true, at times been difficulties in the way of carrying out the principle to its finest detail; but those difficulties have been of India's own making, difficulties which administrators could only overcome with patience, tact, and (at times) subtlety.

We are, indeed, proud of our new name. No country in the world, we believe, has such an appropriate initialling;—and in broadcasting it is the initials which count. It is not always the B. B. C.? Do we ever hear of anyone burling about the British Broadcasting Corporation? And in America it is always the N. B. C., and not the National Broadcasting Company. Whilst in Italy the initials of their particular radio service have actually become a recognised new word, Eiar. Our new name gives us a double choice. If we care to be semi-pedantic, we can use all three words, All-India Radio, and find that they are words which everyone can pronounce and understand; whilst if we like to speak in initials we can talk about our A-I-R service. And what is better than giving

§ On the..  
Air .

India real service from the air and by the A-i-r? And as for monogram possibilities, we almost feel like calling for suggestions, because few letters of the alphabet lend themselves better to a perfect monogram than those we have selected. However, no prize is offered, so do not be too eager to flood us with designs.

## POPULAR SUGGESTION

ANOTHER suggestion made by an enthusiastic visitor was that broadcasting should be overhauled "in a way that would react to public suggestion." With due deference to such a proposal, we would ask, Where is "public suggestion" in India? To such a query, of course, we shall be deluged with replies from those who are our persistent critics. But that deluge will not deter us from maintaining that at the present time public opinion is so inconsistent, and public knowledge on broadcasting so immature, that to overhaul broadcasting along the lines of "public suggestion" in India would speedily produce chaos.

Not that we are unresponsive to useful criticism. Just the opposite. Every reference to broadcasting in the daily press is collected and sent to the Controller for consideration; every criticism is studied on its face value. Indeed, letters from listeners to the various stations are carefully read by the Station Directors. Their suggestions are examined and their complaints are investigated. Our visiting expert would have public opinion *control* our policy; whereas for the time being, at least until the general public are more intimately acquainted with the fundamentals of broadcasting, the most that can be done is for us to let "public suggestion" *guide* our policy.

Incidentally, to show the difficulties (not to mention dangers) of blindly following "public suggestion," we would point out that whereas Indian public opinion for the past few months has been loudly clamouring for short-wave as the great solver of all our problems, this particular foreign visitor himself states that "the consensus of opinion is in favour of a wave-length beyond 200 metres."

## NO RECONCILIATION?

THERE is, we are glad to note, a gradual realisation in the press that there are two sides to this question of wave-length. A radio contemporary, for example, candidly says: "It is difficult to reconcile the two schools of thought, and it seems that either medium-wave or short-wave broadcasting must eventually be plumbed (plumped?) for... It is generally admitted that India presents very peculiar radio problems with regard to all wave-lengths, and until these are thoroughly gone into it would be foolhardy to adopt any hard and fast policy." With every word of that last sentence we are in hearty accord, especially as this support for our present "safety first" policy comes from an unexpected quarter.

We cannot, however, fully agree with our contemporary's naive conclusion that "it is perhaps fortunate that the authorities find themselves without adequate funds to execute all at once the proposals of Mr. Kirke." In the first place, Mr. Kirke's detailed proposals have not yet been published, so no critic is in an adequate position to say whether they should or should not be proceeded with. But we are revealing no secret when we say that one of Mr. Kirke's fundamentals was that India should hasten slowly. That is why he insisted on the immediate establishment of a research section before he left India, probably a record in speed in the formation of an absolutely new department. It is comforting to note that our contemporary, along with most other commentators on this much-talked-of report, heartily supports this particular research scheme put forward by the B. B. C. expert, which leads us to hope that perhaps, when they become known, the rest of Mr. Kirke's recommendations will also meet with the general approval of those qualified to speak on them.

At any rate, we can assure India that there need be no fears about hasty spending of our funds. Where there is no doubt about the need for and the advisability of erecting a station, there will be no delay. But where experiment and research are believed necessary, immediate steps will be taken to see that such experiments are started.

## CO-OPERATION NEEDED

WE would call particular attention to the article published in this issue dealing with the major and immediate problems of broadcasting in India, and outlining how scientific and educational institutions, as well as the listening public, can assist in establishing the right broadcasting policy. Briefly stated, our major problems are three in number: atmospheric, short-wave reception, and the earth's conductivity. In each of these there is tremendous scope for co-operation with the new Research department—

and when these problems are solved, we shall be able to give you some more to work on! We sincerely trust, however, that this appeal will meet with the same ready response as similar appeals have received in other countries. Those who are so prone to point to "the excellent system" in certain foreign countries should remember that whatever satisfactory service they have produced has been largely due to the regular and ungrudging assistance given by scientific and educational institutions and by hundreds of listeners who have been prepared to send in accurate reception reports rather than general or even wild criticisms.

### STOCKTAKING

NO business can thrive without a frequent investigation into the methods of sale and the extent of the "left-overs" which the public do not want to buy. Hence the annual stock-taking. Broadcasting sells pleasure and enlightenment to the general public, but so fickle and contradictory is the public taste, and so often do fashions in pleasure change, that frequent stock-takings are just as essential in the radio business as in any other form of activity. In India we have just had a most thorough overhaul, thanks to the co-operation of the B.B.C. who arranged for the services of Mr. H. L. Kirke, the head of their Research Department. His report will mean a great deal to India, and although it is too early to anticipate the decisions of the Government of India on his many recommendations, it is certain that the policy which he has suggested will go a long way towards setting India on the right road to successful broadcasting.

India, moreover, is also attracting the attention of other world experts, for our problems are so complicated and so interesting that this country is likely to be regarded in the near future as a sort of experimental laboratory of the East. That India will welcome the suggestions of any such touring experts goes without saying, but at the same time we must point out that a hurried trip round the country, without the very essential background that can be provided by those who have been studying the problems for years and who have already learned much from their administrative experience, must not be expected to produce a sudden and perfect solution of the various problems which face those now seeking to formulate a really satisfactory and comprehensive service.

It is likewise true that India can probably learn much from the experience of other tropical countries;—and to that extent experts who have made a special study of tropical broadcasting problems are welcome. Yet here again we must not expect too much from a brief visit of a foreign radio specialist. That our own broadcasting administrators will utilise every opportunity to discuss India's problems with visiting experts goes without saying; but the general public must not expect miracles to be performed within a month or two of such visits. We know by experience

how easy it is to generalise,—just as it is easy to tell the other man how to run his job. But let us not jump to the conclusion either that our own broadcasting experts are not equally as alive to the urgency of the problems as visiting foreign experts, or that such visitors automatically become saviours of India's broadcasting immediately they set foot on India's shores. Remember, a prophet is generally without honour in his own country.

### HASTEN SLOWLY

INDIA, indeed, can learn a lesson from America in the matter of making too rapid and ambitious progress. We all know how wonderful a chain of stations has been erected in America, and how radio has become an ordinary part of everyday life. But such progress has brought broadcasting in America almost to chaos. So serious is the situation, indeed, that the United States Federal Radio Commission has been literally overwhelmed by the widespread ramifications of modern radio developments, with the result that an extraordinary conference is being held this month (June) at which the nation's radio engineers will appear by scores. The subjects which are worrying them include short-wave and ultrashort-wave broadcasting, facsimile transmission, super-abundance of stations, the problems of programmes, the future of television, aircraft wireless, ship-and-land services, and many other problems resulting from Marconi's invention. The whole of the radio spectrum from 10 to 28,000 kc/s is to be explored, and it is probable that, to cope with the increasing congestion on certain wave-bands, there will be a wholesale re-allocation of waves to the various services. In the light of this conference, can the framers of India's policy be blamed for wanting to hasten slowly?

### SOME PUZZLERS

MANY are the indications around us that broadcasting is in its infancy in India; and not the least interesting of these indications are the questions which pour into the offices of those who are seeking to provide programmes and to organise a definite policy. Questions on points of real importance and radio topicality are, of course, always welcome, although we cannot promise that all such questions will be answered to the querist's complete satisfaction. Here, for example, is a series of questions contained in a letter received from a listener who, presumably, is having considerable difficulty with his neighbours:—

1. "Can complaints be lodged by the subject of an Indian State with the local British authorities regarding any breach of radio rules and the Electricity Act by another radio enthusiast? If so, where is the remedy prescribed, and what is the price of the book containing the remedy?"

Such a general question as this cannot, of course, be answered in a general way, for most of the Indian States are little "countries" unto themselves, with their own laws and local

rules to which only their own subjects are amenable. We presume that in this case the enquirer is referring to the possession of a license for a receiving set. If he is, then we are afraid that for the time being there is no redress. At the moment there is no fixed arrangement between the Government of India and the Indian States whereby the rules governing the possession of wireless receiving sets apply with the same force as in British India. Here is a pretty problem for Federation! That broadcasting can continue to lose this ever-growing revenue is, of course, unthinkable; but so intricate are the points involved and so complicated are the various financial arrangements to be made between the States and the Federal Government, that a satisfactory solution of a problem of this character cannot be expected in a hurry. Perhaps our worried enquirer would like to act as an unofficial missionary on behalf of the gospel of official license-holding.

2. "Is there a rule by which the owners of the ten electric pumps in my town, as well as the power suppliers, can be compelled to use suppressors to reduce interference with wireless reception?"

Here again we fear that each Indian State is a law unto itself; and presumably in our querist's region there are no rules against many things which are uncontrolled in British India. The only advice we can give on this point is the same that we give to those in British India, namely, that he should himself seek to stir "public opinion" to such a degree that power-pump owners will voluntarily instal condensers. More missionary work, indeed!

3. "Can I get a copy of the Treaty of reciprocal arrangements entered into by the States of India with the British Government regarding the protection of radio licenses?"

Our reply is: What treaty? However, if our querist turns to the end of the Post and Telegraph Guide, he will find certain useful information about this point.

4. "Can you oblige me with the name and address of an authorised organ or body, recognised by the Government of India, if there is any, which can consider complaints lodged by radio listeners?"

No, we cannot! And we would pity the head of any such organisation were there one in existence,—judging by the variety of complaints which verbose (and otherwise) critics send to us. However, the best possible "authorised body" to which you can take your troubles is the Station Director of the nearest transmitting station, who will welcome constructive suggestions and *bona fide* grumbles. If, however, you think you have a really *vital* and all-pervading grouse, send it along to the Controller of Broadcasting, who thrives on the worries of others. And if, after having exhausted these two methods of redress, you still have an odd complaint left, do what this particular critic did,—send it along to the Editor of this paper.

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HAVING finally decided on the two lady announcers for television in England, the search still goes on for the ideal male announcer. The chief qualification, we are told, is a "photogenic" face of a masculine type,—although no details have been supplied us as to what kind of a face that is. The next best thing, however, in the matter of facial characteristics is a study of the photogenics of the lady announcers, and so we are reproducing a photographic of the two selected "wonder-girls". One of them, Miss Bligh, is 22 years old and has had three years' stage and film experience; —and, if you want more details, she plays tennis, golf, and squash rackets. The other one, Miss Cowell, is 23 years old, has worked as a mannequin, and has specialised in dress design and display. And there our intimate information ceases. Selected out of 1,122 applicants, these two ladies are now undergoing intensive training preparatory to the



Courtesy B.B.C.

Miss Jasmine Bligh & Miss Elizabeth Cowell, who have been appointed as television Hostess-Announcers by the B. B. C.

opening of the new television service in England next month, the training including, adds our informant, abundant practice in slight facial make-up in colours of yellow and blue.

The time has not yet come when we in India can hope to have the perfect announcer, man or woman, even for ordinary broadcasting. Men and women with golden voices are few and far between,—and the provision of artists for Indian broadcasting programmes for the time being swallows most of the money that is available for this sort of thing. Station directors, however, always have their ears open for the ideal voice. So if one day you get a tap on the shoulder and hear a hoarse whisper, "Come with me," don't immediately think you have been captured by the police. It may only be an

enthusiastic broadcasting official thinking he has at last achieved his ambition. Meanwhile, however, it is England, and not India, which is searching for the ideal television man with the photogenic face. So don't send your applications to us.

NEW PROGRAMMES

IN accordance with our promise of a few weeks ago, we have made a start in this issue with the increasing of the foreign programmes. We have added Rome to the programmes from Germany and Holland, and we hope in a short time to be able to include several others. Listeners will appreciate that it is not easy to obtain foreign programmes sufficiently ahead to be included in our paper, which is itself published several weeks ahead of the actual dates of broadcasting. By use of the air mail, however, and with the co-operation of foreign programme directors, we expect soon to be able considerably to increase the usefulness of this paper. In order to squeeze as many programmes as possible into the limited space at our disposal, we have slightly re-arranged the lay-out of the paper, the foreign programmes being printed in tabulated form in one section at the end of the paper, and not, as heretofore, printed individually at the end of the regular daily Indian and B.B.C. programmes. We feel sure that listeners will appreciate the reason for this new arrangement. And if there is any lingering doubt, we would also point out that it is much easier to keep the foreign section complete and up-to-date when printed in the new way, especially as we are dependent on the latest air mails for the details.

ANNOYANCES AGAIN

ONCE more would we appeal to listeners not to make their radios a nuisance to others by unnecessarily turning on their loud speakers to the full, and thereby disturbing their neighbours. As a warning of what might happen in such cases, we cite a case heard in the Madras High Court in which a Judge actually issued a restraining order prohibiting a certain man from operating his loud speaker except between the hours of 5-0 and 7-0 p.m. Such a drastic step as recourse to a Court order may not always be taken by an afflicted neighbour; but there is no question about the fact that selfishness and thoughtlessness manifested by blaring loud speakers are often responsible for doing more harm to the cause of broadcasting than atmospheric or faulty sets.

In this connection it is interesting to note that the loud-speaker nuisance has become such a menace in Great Britain that the Home Office has recently produced specimen legislation which may be enforced by local bodies to control the use of loud speakers and radio sets.

THANKS TO RADIO?

AS a publicity agent, broadcasting has few equals, apart from the question of commercial advertising. Here is a case from Bombay: Sangit Bhaskar Master Vasant has for several years been a regular artist before the microphone. His voice attracted the attention of the head of the music department of a certain Indian State,—and he has now been appointed a State musician. We do not guarantee to find jobs for everyone who sings or talks or acts in our studios, but this incident at least shows that there is often more to broadcasting than merely collecting the fees which the stations are able to pay.

INSPIRATION?

YET another feather in the cap of Indian broadcasting is revealed by news from Bombay. A very popular musician who has delighted listeners all over India, Mr. G. A. S. Norman, has been so inspired (either by the opportunities offered by broadcasting or by the enthusiasm engendered in our studios), that he is arranging a special programme for July 8th formed entirely of his original compositions. The chief items to be performed are two sonatas, one for violoncello and piano, and the other for violin and piano. Both of these compositions have been only recently completed, and this will be the occasion of the first performance of the violin sonata. The composer will himself play the pianoforte during this concert, with Messrs. Verga and Mehta playing the 'cello and violin respectively. This is probably the first time that Bombay music-lovers have ever been offered a full programme of one composer's works with the composer himself participating.

TALKS

WITHOUT giving a long list, we would call listeners' attention this issue to the excellent series of talks that have been arranged by all stations. Delhi, perhaps, again sets the example in this feature of the programme, but it is gratifying to see that both Bombay and Calcutta are arranging for more and more talks of a varied kind. Admittedly, to arrange talks several weeks ahead is a difficult task, especially in India where transfers are so frequent and where it is almost impossible to forecast which well-known people will be in a particular town at a particular time. However, by means of careful planning and intelligent anticipation, the Directors of Programmes are gradually devising means whereby the talks portion of their programmes can be strengthened. And the fact that these talks are becoming more and more topical adds both interest and zest to the day's broadcasting.

OUR OLYMPIC TEAM

A PARTICULARLY interesting and unique broadcast has been arranged by Bombay this month. Installing microphones on the P. and O. liner "Ranpura", which sails on June 27th, it will be possible for the members of the Olympic team to say good-bye to India and to assure their fellow-countrymen that they will do their best to uphold India's tradition of sportsmanship. A special "Olympic song" was composed to be sung from the ship's deck, whilst a running dialogue with different members of the team will enable listeners all over India to appreciate that this country is truly figuring in the world's greatest athletic and sports meeting. Dhyan Chand, the wizard of the hockey stick, modestly promises to do his best and to imbue his ash with the same old goal-scoring power, as he and his men seek to retain the tile of World Hockey champions. Swami, our Marathon representative, whose Indian timings narrowly approach Olympic records, quietly tells India about how he will prepare for that 26-mile run; whilst Whiteside, our sprinter, talks about seconds and split seconds for the hundred metres. The wrestlers, big burly fellows who seem almost too ponderous for the microphone, talk about various holds and grips and huggings which are mysteries except to the initiated in this art of boisterous love-making; but they certainly impressed us with their possibilities.

# OUR BROADCASTING PROBLEMS

## AN OPPORTUNITY FOR CO-OPERATION

EVERYBODY admits that it would be very difficult to make a success of Broadcasting in India if we contented ourselves with adopting in every detail a system which may have been quite satisfactory in Europe or America. The differences, however, are not merely economic. They are technical also, owing to the enormous area to be covered and the greater strength of atmospheric. Essentially the problem is one of covering the area with a dependable signal which will be sufficiently higher than the interference.

It might be worth while emphasising the importance of this ratio of signal to noise. There is not much difficulty in picking up signals as low as one microvolt per metre. In some point-to-point services such weak signals are sufficient to maintain the service, and most high-class receivers now on the market will give a fair output on signals of about 10 microvolts. The trouble is that extraneous noise, mostly from atmospheric, is well above this level in the major portion of the frequency band available, and it is the ratio of signal to noise which determines whether the signal is worth picking up or not. When Armstrong published his results on ultra-short waves, the revolutionary feature was not the ingenious use of frequency modulation and demodulation circuits, but the improvement obtained thereby in the signal to noise ratio. If Zworykin's electron-multiplier achieves unheard-of amplification within a single tube, we welcome even more the great reduction in internal noise which has been brought about by his developments.

### RESEARCH ON ATMOSPHERICS

BOTH scientific and lay opinion agree that atmospheric constitute our first problem. The data available on this point is very incomplete and little work seems to have been done on the distribution of atmospheric in the frequency spectrum. What is wanted is a series of observations of the absolute strength of atmospheric noise alone at different frequencies. Diurnal and seasonal variations have also to be observed and the data tabulated before we can predict with any degree of certainty the probable service area of a station or decide the optimum band of frequencies.

*The work, however, is one of great magnitude and, moreover, in a vast country like India, observations will have to be taken at a large number of centres before we can proceed on sure grounds. This is a line in which co-operation is necessary from the majority of scientific institutions and universities.*

It is learned that at one of the southern universities diurnal and seasonal variations are being observed on a single frequency in the medium band. This is undoubtedly useful, but work on the complete spectrum between 150 and, say, 20,000 kilohertz would be necessary before a complete picture can be obtained. Observations will be conducted at Delhi by the Research Department, and it is requested that scientific laboratories at different centres co-operate in

obtaining full data. Choice of apparatus is left to individual resources, but it is suggested that measurements be taken on the following:—

Band No. 1.	Band No. 2.	Band No. 3.	Band No. 4.	Band No. 5.
150 khz	420 khz	600 khz	2400 khz	6800 khz
210 "		850 "	3400 "	9600 "
300 "		1200 "	4800 "	13600 "
		1700 "		19200 "

It may be mentioned here that at present Bands 1 and 2 are in use only in Europe for broadcasting and are specially favoured by the U. S. S. R., who were, in fact, responsible for the opening of Band 2 for broadcasting. Band 3 is in regular use for broadcasting all over the world. Band 4 is at present not open for broadcasting but is popular in the Dutch East Indies, and according to Sir Noel Ashbridge some of the higher frequencies in this band are expected to be generally available

*Before Broadcasting can be developed in India on a large scale it is necessary to obtain scientific data on a number of practical aspects in which local conditions differ in greater or lesser degree from those obtaining elsewhere. The accompanying appeal is addressed to scientists all over India to co-operate with the Research Department of the Broadcasting Service in determining the nature of the major factors.*

in a year or two more. Band 5 includes most of the frequencies available for shortwave broadcasting.

### UNIFORMITY ESSENTIAL

IT is possible that some institutions might not have the facilities for taking observations on all bands. But if the results are to be co-ordinated it would seem advisable to have one method throughout. It is suggested that measurements be made immediately after 7.00, 10.00, 13.00, 16.00, 19.00, and 22.00 hours, and that in each case observations be recorded of the field strength of atmospheric disturbances alone in microvolts per metre, the values being integrated over five-minute periods on each spot frequency. The above recommendations are, however, tentative and suggestions for improvement are welcomed.

At the risk of being accused of stating the obvious, it must be pointed out here that the values of noise observed will depend upon the band-width of the receiver used. It will, therefore, be necessary in the case of each set of observations for the total band-width at different

frequencies to be ascertained. It is also necessary that the antenna used be non-directional. Only then will it be possible to sum up all the observations from the different centres and also calculate average values for the whole of India if such a proceeding seems justified.

### HIGH FREQUENCIES

A uniform feature of all lay criticism of broadcasting policy has been the attack on the apparent neglect of the "short-waves". Bearing in mind the very weak field produced by broadcasting stations in India and, of course, the violence of atmospheric disturbances in a tropical summer, it does seem as if people have been obsessed by this "short-wave" business. It must also be remembered that even under the most favourable conditions, frequencies above 10 megacycles by day and above 7 megacycles by night have a skip distance which would negative their use within any province of India. On the other hand, the lower frequencies are not unaffected by atmospheric in summer.

Another point that is often forgotten is that what is generally aimed at in broadcasting on the medium waves is service by the ground ray; not even the keenest short-wave enthusiast would be prepared to admit that the Delhi medium-wave station serves Madras or that Bihar can be served by the present transmitter at Bombay. Yet the indirect ray service is there, and on the short-waves practically all the service would be by such indirect ray.

What is true, however, is that the indirect ray on the short-waves can be amplified sufficiently to provide a service because atmospheric noise-level is low, while the indirect ray on the medium waves is drowned by the atmospheric noise.

*It is, therefore, primarily a problem of atmospheric noise-levels and until we have dependable data on atmospheric disturbances, it would not be justifiable to embark on an elaborate system of short-wave stations.*

Data is also necessary regarding the boundary frequencies within which local broadcasting is possible during different times of the day and different seasons of the year with the minimum of international interference. It is quite likely that these boundary frequencies change with the sunspot cycle and so on, but we should at least have a general idea of the limits.

### SHORT-WAVE EXPERIMENTS

FOR this purpose it is proposed to start a short-wave experimental transmitter at Delhi as soon as funds are available. Test transmissions will be carried on at a number of frequencies and the results observed.

*In this connection it is hoped to obtain the help of the listening public as well as the scientific world. The former will be requested to submit reception reports as was done by the NIROM in the Dutch East Indies, while scientific observers at different distances from Delhi will be requested to take field strength observations.*



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In this way it might be possible to obtain extensive correlatory curves as published by the Radio Research Board at Japan. Once these are ready, the technical foundation for a short-wave service will have been laid.

## EARTH CONDUCTIVITY

As the use of high frequencies for local broadcasting has yet to be proved generally suitable, the medium frequency band is at present the main vehicle for the diffusion of broadcast programmes. One of the chief difficulties in the drawing-up of a suitable scheme of development in this line is the paucity of data on earth conductivity. Apart from any question of funds, the requirements of modern high-fidelity broadcasting and the limited interference-free channels combine to restrict the number of broadcasting stations that can be conveniently accommodated. As a consequence it is necessary not merely that each station should represent the utmost value for the investment but also

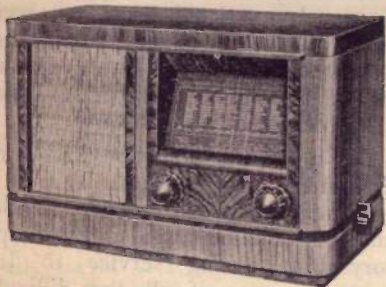
the maximum utility for the space occupied on the frequency spectrum. This brings up the question of optimum frequencies in the medium band. It is well known that for a given radiated power, the direct service area would depend upon the ground conductivity. There are, however, two variable factors: first, the efficiency of the aerial, which increases with the frequency, and second, the field strength produced by the ground-wave at a distance which decreases with the frequency. Since ground-ray attenuation is a function of both frequency and ground-conductivity, it is necessary to have reliable data of soil characteristics over varying types of terrain.

At present not much work has been done in this direction. Physicists undoubtedly find the ionosphere more interesting, but the practical engineer has to know the ground he stands on. It is very desirable to have a series of measurements taken at different parts of India, over ground ranging from granite and gneiss forma-

tions to the pastoral deltaic areas. This work will be undertaken by the Research Department, but co-operation from outside would be very helpful indeed. It is realised that not many institutions will be able to afford the cost of special transmitters for the purpose, especially if measurements are to be taken at fairly long ranges of about a hundred kilometres; but it is hoped that those who can will help us in this direction.

No apology seems necessary for the emphasis laid upon the practical aspects of the three problems mentioned above. There are no doubt a number of questions which offer greater interest to the physicist. There are unfortunately even more which the engineer is unable to tackle before finding satisfactory solutions to these three.

*Is it too much to hope that a sufficient number of scientists and institutions will offer their aid in this matter?*



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# IS DELHI A DUD?

## Critics Must Face Plain Facts

### IS Delhi a Dud?

A number of people have been assuring us in the press that it is, but it is difficult to find any justification apart from the attractions of alliteration.

From an engineering point of view, a wireless station can only be said to be a failure if the power radiated in a high-frequency form does not bear a reasonable proportion to the gross power utilised, or does not provide an accurate reproduction of the programme material.

The quality of reproduction depends on the linearity of response at different audible frequencies, the absence of harmonics, and the constancy of the carrier frequency. These are matters which can be decided by instruments, and careful measurement was carried out before the station was accepted. Apart from tests by the India Stores Department before the apparatus left England, the frequency was observed over a number of days by the courtesy of the Indian Institute of Science where apparatus is available with an accuracy of a few parts in a million. It was found that the frequency was constant within fifteen cycles per second, a variation which is certainly not observable by ear on any broadcast receiver which is capable of receiving a broadcast programme. In fact, there is no object in having a greater constancy unless one wave-length is to be shared between two of more transmitters, a necessity which fortunately (or possibly unfortunately) is not likely to arise in India for many years.

As regards linearity of response, the instruments indicate that the over-all response between 30 and 10,000 cycles per second does not vary more than 2 decibels from that at 1,000 cycles per second. The measured harmonic content of the radiation is less than three per cent. at 90 per cent. modulation. These measurements show that the reproduction effected by the station is of a very high standard and that there are, in fact, very few receivers which can do it justice. Good quality is, however, not of much satisfaction to the distant listener if he cannot hear it, and the signal strength at any point depends on the amount of power radiated and the manner in which it is distributed in different directions. The power radiated can be deduced in various ways: from the current and height of the aerial or from the field strength at short distances. The results regarding Delhi agree within the limits to be expected with measurements of this kind, and at five kilometres the field strength is on the average about 240 millivolts per metre, corresponding for the quarter-wave aerial used to a total radiation of about 15 kw., against an aerial input of 20 kw., which is again a satisfactory figure.

There are some peculiar features about the Delhi station. The masts are insulated from the ground and their alignment was chosen so that they could be energised in order to concentrate radiation to the North-West and South-East, that is, to the areas of greatest population. As

it happens, measurements of field strength in the neighbourhood of Delhi show that this concentration is already happening without special energisation. The reason is not at present clear. It may be due to peculiarities in the site or there may be some fortuitous resonance in the aerial and earth systems. As a scientific problem this phenomenon is worth investigation, but from the practical point of view we must be grateful that nature has saved us the additional expense and complication of special directive arrangements.

There is no reason, however, to believe that the indirect ray behaves in the same way, so that the fading area, where the direct and indirect rays are of the same order of intensity, is not at the same distance in all directions. This might explain reports of abnormal fading in certain directions. It may be found desirable later to modify the high-angle radiation by adding a horizontal portion to the aerial, but much more prolonged experience is necessary before the present effects can be explained or the effect of modifications predicted.

**By P. J. EDMUNDS, M.A., B.Sc.,**  
DEPUTY DIRECTOR-GENERAL, POST AND  
TELEGRAPHS, WIRELESS BRANCH.

### CONFLICTING REPORTS

OUR distant listener, however, wants to know how much of this radiated energy reaches him. The engineer cannot, of course, be held responsible for the vagaries of transmission over and above the earth, but the public certainly has a right to ask whether the Delhi station gives the best results possible. Reports up to date are, admittedly, conflicting. When transmissions began, there were very few atmospheric reports and reports were almost universally good, particularly at great distances. At Bombay, for instance, there were complaints that Delhi was so strong as to interfere with reception of the local station in spite of a considerable difference in wave-length! Complaints in any number have only come in recently during April and May when atmospheric reports are at their very worst in India and, even so, there are not wanting those who testify to the continuance of satisfactory reception at places as far distant as Lahore and Montgomery. Just a year ago an article in the "Indian Radio Times" (vide issue of 22-5-35) indicated what was expected of the Delhi station and, as far as evidence is at present available, these expectations have been borne out by experience. It is unfortunate in some respects if people have expected a 20 kw. station to give a first-class service at hundreds of miles during the whole year in India, but a very little knowledge of arrangements in other countries, where atmospheric reports are not as bad as in

India, would have prevented this misunderstanding. There are for instance, in England where distances are small compared with India, nine transmitters of 50 kw. and one of 100. kw., and more are projected. These would certainly not have been erected if a 20 kw. could serve several hundred miles.

### THE SHORT-WAVE BUBBLE

MANY of the critics, however, do not merely complain: they suggest a remedy. In fact, they apparently knew all along that "medium waves were no good for India". Their panacea is, of course, short waves. The special advantages of short waves are well known: comparatively small power can be heard over very great distances, and there is a striking reduction in atmospheric absorption, though it should be remembered that it is only on wave-lengths of the order of 20 metres and lower that there is any real immunity. It is true that long distance wireless communication is now carried out almost entirely with short wave-lengths, but it is interesting to remember that long waves still provide the most reliable means for ensuring simultaneous reception at a number of widely separated points. To take one example only (and there are many others), the high-power long wave station at Rugby works almost to full capacity on this kind of service. Very great power is, of course, necessary and if short wave-lengths could serve the purpose, the saving in power and space alone would justify scrapping the long-wave plant. On the contrary, additional high power long-wave stations are under contemplation in various parts of the world. There is no need to elaborate the disadvantages of short wave-lengths which are particularly serious in the case of broadcasting; they are: extremely restricted direct ray service, skip area, fading at long distances, the necessity of different wave-lengths for different distances and times of the day and the year, expensiveness of receivers, and difficulty of adjustment.

There is also one other objection which may, perhaps, be treated in greater detail as it is one which is too often entirely forgotten, although it means that it would be impossible to supply a satisfactory broadcasting service to India with short waves even if all the difficulties mentioned above were overcome. *This difficulty is interference.* All who listen on short waves from abroad know how very serious this is even at present. Nevertheless the demands for additional services increase, and there is no doubt that the congestion will continue to get worse.

*The trouble is that, unlike medium waves where separate large areas of the world can be treated more or less independently, every short wave station may interfere with service on a similar wave-length in almost any part of the world and it is quite inconceivable that India will be able to obtain in the International adjustment which must be arranged in the near future the exclusive use of a number of wave-lengths required to provide a general broadcasting service in the short wave band.*

### EXPERTS ARE UNANIMOUS

ALL these objections to short wave-lengths are swept aside by many self-confident critics who are not usually professional wireless engineers. But it would be extremely

unwise to dismiss summarily the fact that India has had the benefit of the advice of at least four independent professional wireless authorities, excluding the Posts and Telegraphs Department, which has considerable experience of wireless conditions in India from the general point of view. All of these authorities have agreed unanimously that short wave-lengths cannot at present supply a reliable broadcasting service to the general public, though they would be far from laying down hard and fast rules for the future, for they realise the capabilities of short-wave in providing a limited service to a very large area at a low cost.

The term short wave has been used here in its strict sense, that is, wave-lengths less than 50 metres, but the possibilities of the wave-lengths strictly called intermediate, that is, those between 50 and 200 metres, will also be investigated, though it seems unlikely that experiments will result in any reversal of the accepted view. The direct ray service on these wave-lengths is un-

doubtedly very restricted, though not as much as in the case of short waves. Both the skip distance and the fading area are likely to be comparatively small, which is of course an advantage, and atmospheric conditions will be less than on longer wave-lengths, though there is not likely to be the comparative immunity experienced on short wave-lengths properly so-called. On the other hand, the indirect ray, although perhaps not so variable as on short wave, will probably be a good deal weaker, except possibly at night. In fact, there is likely to be a large difference between day and night results, which in itself seriously limits the utility for broadcasting. These wave-lengths may however be definitely useful for serving small areas with minimum power, and no one would exclude the possibility that experiments may disclose unexpected features, particularly in a country where information is as scanty as it is in India.

In view of these facts, who will continue to cry, "Delhi is a dud"?

midwinter and the shortest wave (about 14 metres) for transmission at midday in midsummer. The compromise must further take into account the conditions obtaining over the whole of the track to be covered by the waves, since midday at Daventry in midwinter is midnight at say, Wellington, New Zealand, in midsummer.

Generally speaking, we try to give a programme from Daventry to the different parts of the Empire at the most suitable listening time, which is naturally the evening hours at the point of reception, and our wavelengths are chosen with this object in view. It follows that for transmission to places east of Daventry, we are usually working from daylight at the transmitter, through twilight into darkness at the receiver, whereas for transmission to places west of Daventry we are transmitting from darkness at the transmitter to darkness or twilight at the point of reception.

For transmissions to Canada, for instance, where both transmitter and receiver lie in the Northern Hemisphere, the Great Circle path—that is to say the shortest path—from Daventry is relatively much more in darkness in the northern winter than in the northern summer. For transmission to, say, New Zealand, on the other hand, the transmission path always crosses light and darkness—summer and winter.

Experience shows that conditions are generally much more reliable on transmission paths, which run north and south, for example, Daventry to South Africa, and Daventry to South America than they are on east and west transmission paths. The greatest unreliability is experienced

No. 3 in the Series.

when the route lies in the region of the magnetic poles. It is for this reason that very variable conditions are experienced for transmission to Canada; particularly when it takes place at night and the path is all in darkness. Proximity to the north magnetic pole appears to cause very large variations which are not experienced when transmission paths run only slightly further away from it. There is, in fact, a marked difference between transmissions from Daventry to New York and Daventry to Montreal.

#### OPTIMUM WAVELENGTH

FROM what I have said about the wavelength depending on the light and darkness over the transmission path, it follows that the wavelengths have to be carefully chosen for each schedule of routine transmissions and, of course, for each special transmission. To illustrate this point by two extreme examples, transmission at midday to South Africa—when the whole of the path is in daylight—requires a relatively short wave. GSG on about 17 metres has been used when we have given a special transmission to South Africa at this time, and there are indications that a shorter wave still—say GSH or GSJ (approximately 14 metres) would give even better results, assuming, of course, that listeners have receivers which are equally efficient on both wavebands.

At the other extreme, let us take transmission to Canada at midnight in midwinter. The whole of the path is in darkness, and we find it

## DEVELOPMENT of THE EMPIRE SERVICE

By Sir NOEL ASHBRIDGE

*Chief Engineer of the B. B. C.*

IN the first two articles of this series I dealt with the transmitting side of short-wave broadcasting, particularly with the problems of aerial design and the lay out of the aerial system which we are now building at Daventry. In this and the following talk, I am going to say something about the propagation of short waves. At the outset may I say that I am not going to attempt to deal with the physicist's point of view but I am going to try and give you an idea in simple language how the waves which we send out from Daventry reach distant parts of the world.

It is generally accepted that radio waves normally travel in straight lines, and therefore, since the surface of the earth is curved, it follows that there must be some agency which causes the waves to be bent, so that they reach you instead of pursuing their direct straight-line path and becoming lost in space. It is therefore assumed that above the surface of the earth there is a region of ionised atmosphere which is capable of reflecting or bending radio waves. This region is known as the ionosphere, and its exact formation is exceedingly complex, and varies widely under the influence of the sun's rays. There are changes round the twenty-four hours following the amount of light falling on the ionosphere from the sun, as well as seasonal and other long-period changes.

#### THE ELECTRIFIED LAYERS

FOR our present purpose we can assume that there are at any rate two fairly well-defined regions, one at a height of approximately sixty miles, generally known as the Kennelly-Heaviside Layer or E region, and the other at a height of 180 miles, known as the Appleton Layer, or F region. There is experimental evidence of much greater complexity than this,

but it is not necessary to explore it more deeply in these talks.

The waves from a wireless station, radiated at various angles to the ground, reach the ionosphere and are then bent back and travel towards the earth. The particular property of short waves of the kind used for a long-distance broadcasting service is that they can travel for great distances in a series of "hops" in the space between the spherical earth and the ionosphere, generally passing through the lower layer, being bent back to earth by the upper region, passing through the lower layer again on the return path and repeating the process by being again reflected at the earth's surface. At each passage through the lower ionised layer, the waves suffer some loss, and this increases fairly rapidly as the wavelength is increased. It follows therefore that—from this point of view—the shortest wavelength is the most effective.

On the other hand, the reflecting or bending properties of the upper region of the ionosphere are less for the shorter wavelengths, until a certain limit of wavelength is reached below which bending will not take place and the waves escape into space. From this other point of view, therefore, the wave must not be too short. Compromises have to be accepted and, in practice, the best wavelength to use depends on the time of day, season of the year, position in the cycle of solar activity, and other factors. As a very rough guide it may be said that shorter waves travel better in daylight and the longer ones during darkness, and that during the summer shorter waves are used than during the winter.

To take the two extremes, the longest wave available for a broadcasting service (50 metres) must be used for transmission at midnight in

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necessary to use the longest wave we have, namely GSA or GSL approximately 50 metres. Indeed, a year or two ago in the period of minimum sunspot activity, 50 meters was not long enough, and reception often faded out completely in Canada during Transmission 5 in midwinter. A wavelength of 70-80 meters would have been of great use to us during this period, if there had been some wavelengths available for broadcasting in this part of the waveband.

The lengthening of the best received wavelength as darkness approaches will, of course, be obvious to anyone who has any considerable experience of short wave reception. The schedules of transmission from Daventry show this immediately. Transmitting to India, for example, we start in Transmission 3 at 14.00 G.M.T., with 16 meters at the equinoxes; 19 metres is used at the same time. After about an hour's transmission we take off 16 metres and put on 25 metres; in the winter time we start with 19 and 25 metres, than take off 19 and put on 31 metres.

*I think I ought to emphasise that the wavelengths used at Daventry are chosen with a view to give the best reception over the transmission path to the area which we are trying to serve. Listeners sometimes write to us and say that they are receiving another shortwave station on, say, 17 metres, perhaps from the other side of the world, better than Daventry on 31 metres at a certain time of day, and suggest that if we used 17 meters they would get equally good reception from Daventry. It is, of course, certain that they would not, since the path from Daventry may be in totally different conditions of light and darkness from the path between the other station and the point of reception.*

A concrete example comes from South Africa, where during the evenings, a 17-metre station in the U.S.A. is well heard. It was suggested that Daventry should use 17 meters. Now the track from New York to South Africa is mostly

in daylight or twilight at this time, but the path from Daventry to South Africa is in darkness, so that the wavelength of 17 metres is too short to use for Daventry.

It will follow from what I have said about the longer wavelengths being used when transmission is in darkness that transmission over a path which is partly in light and partly in darkness, partly in summer and partly in winter, will need a wavelength which is a sort of compromise.

If we consider as daylight waves 19 meters and below, and as night waves 31 metres and above, we can take it that in practice 25 metres is often suitable for transmission over paths which are neither one thing nor the other. For a large part of the year, therefore, we use 25 meters for transmission to Australia and New Zealand.

In my next article I hope to have something more to say on this interesting subject of the propagation of short waves.



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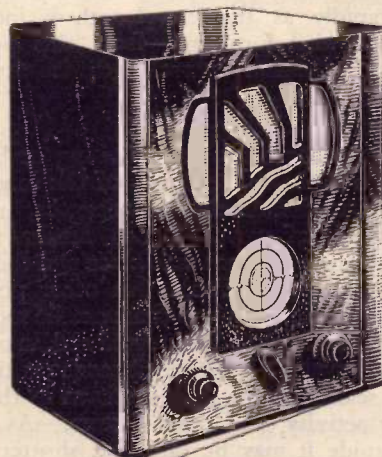
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## SOME EUROPEAN FIGURES

An infectious liveliness appears to be spreading over Europe as far as radio is concerned. The accompanying table shows the increase in registered or known listening families, judged either by the actual purchase of licenses or by the possession of receiving sets.

The total at the end of 1935 was 24,875,095, and assuming, according to tradition, that there are on an average four potential listeners in each home, the European broadcast programmes can now be heard by, approximately, 100,000,000 persons.

Now study the accompanying table, for it reveals some most interesting facts about a peaceful side of European activity of which we hear very little.

	Dec. 31. 1934	Dec. 31. 1935	Percentage Increase.	No. of Free Licences.
GREAT BRITAIN .. .. .	6,780,569	7,403,109	9.18	43,782
GERMANY .. .. .	6,142,921	7,192,952	17.09	519,734
FRANCE .. .. .	1,755,946	2,625,677	49.53	41,485
HOLLAND* .. .. .	909,127	946,844	4.13	—
SWEDEN .. .. .	733,190	834,143	13.77	2,111
CZECHOSLOVAKIA .. .. .	693,694	847,955	22.23	5,242
BELGIUM † .. .. .	603,860	746,395	23.6	—
DENMARK † .. .. .	568,175	609,226	7.22	—
AUSTRIA .. .. .	527,295	560,120	6.2	17,540
ITALY .. .. .	430,000	530,000	23.25	1,881
POLAND † .. .. .	374,047	491,823	31.48	—
SWITZERLAND .. .. .	356,866	418,499	17.27	1,910
HUNGARY † .. .. .	340,117	352,907	3.76	—
SPAIN † .. .. .	213,004	303,983	42.07	—
NORWAY .. .. .	157,434	191,378	21.56	2,778
FINLAND † .. .. .	129,123	144,721	12.08	—
ROMANIA .. .. .	100,981	127,041	25.74	391
YUGOSLAVIA .. .. .	66,530	81,385	22.31	—
LATVIA .. .. .	64,567	82,175	27.27	—
IRISH FREE STATE .. .. .	59,952	78,627	31.1	113
ALGIERS .. .. .	30,904	41,344	37.02	—
PORTUGAL .. .. .	27,895	40,409	44.86	—
DANZIG .. .. .	26,462	29,000	9.59	1,009
EGYPT .. .. .	25,170	41,370	64.34	—
LITHUANIA .. .. .	20,204	26,763	33.35	228
MOROCCO .. .. .	18,267	23,079	26.37	—
ESTONIA .. .. .	16,827	24,193	43.77	—
LUXEMBOURG .. .. .	13,750	15,000	9.09	—
ICELAND .. .. .	10,350	12,183	17.7	100
BULGARIA .. .. .	9,000	17,213	91.2	—
TUNIS .. .. .	8,106	10,582	30.5	—
TURKEY .. .. .	6,930	6,175	-10.76 (Decrease)	—
PALESTINE .. .. .	5,900	12,200	106.7	—
GREECE .. .. .	5,000	6,317	26.34	—
SYRIA AND LEVANT .. .. .	2,070	4,307	108	—

\* No Licences.

† Incomplete Information.

# Important Notice to Advertisers . . . . .



THE Publisher of the "Indian Listener" will not be responsible for the exclusion of any Advertisement, nor errors which may appear in any Advertisement, through delay in sending copy or the return of Proofs to the Printers. The attention of Advertisers is drawn to the dates given below, which will be strictly adhered to.

### PUBLICATION DATES 7th and 22nd of each month.

Copy for the issue of the 7th to be sent to Printers not later than the 25th. After receipt of Proof Advertisers must return same not later than the 1st of each month.

Copy for the issue of the 22nd to be sent to Printers not later than the 12th. After receipt of Proof Advertisers must return same not later than the 16th of each month.

BLOCKS which have to be included in the Advertisements must be sent along with the copy. The Printers have been authorised to refuse copy unless Blocks and Advertisements are complete.

WEDNESDAY, 1st JULY 1936.

Delhi

VUD 340.136 metres, 882 kc/s.

TRANSMISSION I.

- 8-0 a.m. *Time Signal.*
- Naat. By WILAYAT KHAN of Delhi.
- 8-10 a.m. A. I. R. Orchestra. *Anand Bhairon.*
- 8-20 a.m. Barkat Ali Khan of Lahore. "Nainwa dharat nahin dhir." *Thumri Bhairvin.*
- 8-35 a.m. Haidar Husain. *Saraswati Veena. Lalit.*
- 8-45 a.m. Talk (*Hindustani*): "The Mark on the Forehead." By KUMARI SATYA SURI.
- 9-0 a.m. Wilayat Khan of Delhi. "Tum ab ae ho dil thabar bhi gaya Marne wala tumhara mar bhi gaya." (*Shaji.*)
- 9-10 a.m. Ghulam Sabir. *Sarangi—Paraj.*
- 9-20 a.m. Zohra Begam of Aligarh. (a) "Dard ko qaid kiya shooq ko azad kiya, Ham se jis tarha bana ham ne tujhe yad kiya." (*Jigar.*) (b) "Tere jaor-o-sitam uthaen ham Yeh kaleja kahan se laen ham." (*Amir.*)
- 9-40 a.m. P. S. Mukerji. *Sarod—Asauri.*
- 9-45 a.m. Barkat Ali Khan. *Naat Bhairvin.* "Apne gada ko khud woh pukare uth mere kali kamli wale."
- 9-55 a.m. Malang Khan. *Sur Bahar. Shudh Bilawal.*
- 10-0 a.m. *Close down.*

TRANSMISSION II.

- 1-0 p.m. *Time Signal.*
- Indian Recorded Music.
- 2-0 p.m. *Close down.*

TRANSMISSION III.

- 6-0 p.m. *Time Signal.*
- A. I. R. Orchestra. *Dhani.*
- 6-10 p.m. Wilayat Khan of Delhi. "Ashk-i-khun rang lae jata hai Dagh apni jamae jata hai." (*Dagh.*)
- 6-20 p.m. 1st News Bulletin. (*Hindustani.*)
- 6-30 p.m. 1st News Bulletin. (*English.*)
- 6-40 p.m. Barkat Ali Khan. (a) "Kaise jiun Bansiwale." *Thumri Pilu.* (b) *Ghazal.*
- 7-0 p.m. P. S. Mukerji. *Viola.* Sardar Husain. *Violin.* Karrar Husain. *Dulcitone.* Malang Khan. *Tabla.* } *Naufch Gat.*
- 7-5 p.m. Zohra Begam of Aligarh. (a) "Dair men kaon hai kaabe men guzar kiskahai Yarka ghar yeh agar hai to woh ghar kiska hai." (*Amir.*) (b) "Mujh ko furqat ki asiri se rihai hoti Kash Isa ke iwaz moat hi ai hoti." (*Nasikh.*)
- 7-25 p.m. Barkat Ali of Lahore. "Ah ko chahiye ik umr asar hone tak Kaon jita hai tiri zulf ke sar hone tak." (*Ghalib.*)
- 7-35 p.m. Wilayat Khan of Delhi. "Lutf woh ishq men pae hain keh ji janta hai Ranj bhi itne uthae hain keh ji janta hai." (*Dagh.*)
- 7-45 p.m. "For Villagers Only."
- 8-45 p.m. Talk (*Hindustani*): "The Torch of Civilization—IV." By M. ASAF ALI, M.L.A.
- 9-0 p.m. Wilayat Khan of Delhi. "More aj ae sayyan sakhi soe bhag jage." *Thumri Desh.*
- 9-10 p.m. Zohra Begam of Aligarh. (a) *Malhar.* (b) "Jo lazat ashnae dard-i-ulfat hai main woh dil hun Ajal jis ko qayamat-tak na aegi wohbismil hun." (*Akbar.*)

- 9-30 p.m. Barkat Ali Khan of Lahore. "Basa le apne man men prit." *Prit ka Geet.* (*Abul Asar Hafeez.*)
- 9-45 p.m. 2nd News Bulletin. (*Hindustani.*)
- 10-0 p.m. 2nd News Bulletin. (*English.*)
- 10-15 p.m. Talk (*English*): "Charles Doughty." By Lt.-Col. H. W. WAGSTAFF. Charles Doughty was a traveller who worshipped words and lived an adventurous two years among the tribesmen of Arabia.
- 10-30 p.m. A. I. R. Orchestra. (*Pangs of Separation.*) "Soz-i-Furqat."
- 10-40 p.m. Wilayat Khan. *Ghazal.*
- 10-50 p.m. Barkat Ali Khan. *Geet.*
- 11-0 p.m. Malang Khan. *Sur Bahar. Desh.*
- 11-10 p.m. Barkat Ali Khan. *Thumri.*
- 11-20 p.m. Zohra Begam. *Ghazal.*
- 11-30 p.m. *Close down.*

Bombay

VUB 350.9 metres, 855 kc/s.

- 11-30 a.m. ROSHINARA BEGUM. In light songs.
 

KHELATA NANDA KUMAR	-	<i>Hori.</i>
BANSI SABANKO MAN HARO	-	<i>Bhajan.</i>
TODI LAYI RAJA	-	<i>Dadra.</i>
RAT SAINYA NAI AYE	-	<i>Dadra.</i>
BUTE NADAN TUZE	-	<i>Ghazal.</i>
MERE DILME KISKA	-	<i>Ghazal.</i>
- FIROZ DASTOOR in Recorded Hits. G. M. LONDHE in Marathi Songs. (*Odeon Records.*)
- 1-0 p.m. Available Market Rates. **Lunch Hour Selection.** By Jules Craen and His Quintet. Relayed from Taj Mahal Hotel. (*By kind permission of the Management.*)
- 2-0 p.m. *Close down.*
- 5-30 p.m. Relay of Indian Music from Krishna Cinema. (*By kind permission of the Management.*)
- 6-30 p.m. **Gujerati Songs.** TRICAMLAL PRAGJI BALSARA.
- 7-15 p.m. **Exposition of Gatha.** ERVAD FRAMROZ A. BODE.
- 7-30 p.m. **Bul-Bul Tarang Solos.** S. N. GUPTA.
- 8-0 p.m. **Commercial News and News in Hindi.**
- 8-25 p.m. **Light Classical Music.** SARASWATIBAI FATARFEKAR.
- 9-30 p.m. **News in English.**
- 9-45 p.m. Talk: "History and Art History." By R. VAN LEYDEN. (*We introduce Mr. Leyden to-day, who is known in Bombay as an Art Director.*)
- 10-0 p.m. **A Violin Recital.** GRETTEL SOMMER. (*At the Piano Miss Patuck.*)
 

CONCERTO IN G	-	<i>Haydn.</i>
PRELUDIUM FOR SOLO VIOLIN	-	<i>Bach.</i>
ADAGIO	-	<i>Vivaldi.</i>
GAVOTTE	-	<i>Lulby.</i>
- 10-30 p.m. **A Review of Gramophone Records.** W. W. RUSSELL.
- 11-0 p.m. *Close down.*

Calcutta

VUC 370.4 metres, 810 kc/s. 49.10 metres, 6,109 kc/s.

- 12-36 p.m. *Time Signal.*
- SB **The Grand Hotel Orchestra.** Interval Item Artiste:—MARJORIE VERNE—*Comedienne.* Calcutta Weather Bulletin for Oceancraft and Rivercraft (*if any.*)

- 1-36 p.m. Panchali by GOUR MOHAN MUKHERJEE.
- 2-6 p.m. **Musical Selections** (*Recorded.*)
- 2-36 p.m. **Kathakata** by AMULYA KRISHNA BHATTACHARYA.
- 3-6 p.m. *Time Signal.* *Close down.*
- 5-36 p.m. *Time Signal.*
- Recorded Selections.
- 6-6 p.m. **Light Bengali Songs** by SUDHEE RANJAN ROY CHOWDHURY.
- 6-21 p.m. **Betar Orchestra**, conducted by TARAK NATH DEY.
- 6-36 p.m. **Vocal Music** (*Bengali.*) PROFULLABALA—*Light.*
- 6-51 p.m. BHABATOSH BHATTACHARYA—*Religious.*
- 7-11 p.m. KALIPADA PATHAK—*Light Classical.*
- 7-31 p.m. MRINAL KANTI GHOSE—*Modern.*
- 7-51 p.m. **News in English.** SB
- 8-6 p.m. **A Variety Programme** (*Recorded*) from the **Studio.** Alternatively, if reception satisfactory, **An Empire Programme Relayed from Daventry.**
- 8-51 p.m. Weather Forecast, General News Bulletin, Market Prices, Jute and Gunny Closing Rates. (*In Bengali.*) SB
- 9-6 p.m. Talk: "Air Mail Letter." From BIREN ROY, India's Representative at the World Municipal Congress, Berlin. SB
- 9-21 p.m. **A Short Classical Programme.** RAM KISSEN MISRA—*Kheyal, Darbari.*
- 9-41 p.m. MUSHTAQ JUSSAIN—*Kheyal, Behag.*
- 10-6 p.m. Weather Forecast, 2nd News Bulletin, Market Prices, Jute and Gunny Closing Rates. (*In English.*) SB
- 10-21 p.m. *Time Signal.* *Close down.*

B. B. C.

TRANSMISSION 5.

The following frequencies will be used: GSP 15.31 Mc/s (19.60 m.), GSF 15.14 Mc/s (19.82 m.), GSC 9.58 Mc/s (31.32 m.).

- 4-30 a.m. **Big Ben.** "Cupid Plus Two." A sentimental interlude on the Dumbledown Golf Links. The book by Charles Hayes; the lyrics by Alec MacGill and Charles Hayes; the music by George Barker. Production by William MacLurg.
- 5-7 a.m. **A Studio Concert.** The Band of His Majesty's Scots Guards (by permission of colonel E. W. S. Balfour, D.S.O., O.B.E., M.C., Commanding Scots Guards), conducted by Lieut. H. E. Dowell. Arthur Brough (Bass-Baritone). Band: March King Cotton (Souza), Overture, Morning, Noon, and Night (Suppe), Arthur Brough: Come to the Fair; The Brightest Day (Easthope Martin), King Charles (Maude Valerie White), Band: Waltz, The Skaters (Waldteufel), Saxophone Solo, Vanitie (Soloist, Musician T. Edwards) (Rudy Wiedoft), Arthur Brough: What the Red-Haired Bo'sun Said (Edith Harthy), The Pride of Tipperary (Lockhead), Molly o' Donegal (H. Austin), Old Man Noah (Sanderson). Band: Selection, The Arcadians (Monckton and Calbot).
- 5-55 a.m. "Foreign Affairs," \* by Sir Frederick Whyte, K.C.S.I., LL.D.
- 6-10 a.m. **The News and Announcements.** *Greenwich Time Signal at 6-15 a.m.*
- 6-30 a.m. *Close down.*

TRANSMISSION 6.

The following frequencies will be used: GSD 11.75 Mc/s (25.53 m.), GSC 9.58 Mc/s (31.32 m.).

- 7-30 a.m. **Big Ben.** Mabel Comanduros and Partner in sketches, songs, and humour, and Jack Clarke (Syncopated Pianist).

All Times are given in Indian Standard Time.



THURSDAY, 2nd JULY 1936.

Delhi

VUD 340.136 metres, 882 kc/s.

TRANSMISSION I.

- 8-0 a.m. Time Signal.  
Bhajan by GHULAM FARID.
- 8-10 a.m. A Musical Debate.  
Jiwan - Clarinet  
Sardar - Violin  
Mukerji - Viola  
Versus  
Haider - Sitar  
Sabir - Sarangi  
Ghulam - Dhruba.  
Malang - Tabla—Judge.
- 8-25 a.m. Asad Ali Khan of Agra.  
"Piya chhae Madho ban men."—Thumri Kalangra.
- 8-35 a.m. Ghulam Farid.  
"Kabhi Falak ko para dil jalon se kam nahin Agar ne ag laga dun to Dagh nam nahin." (Dagh).  
Talk (Hindustani): "Television."  
By Professor A. N. PURI.
- 9-0 a.m. Iqbal Putli of Meerut.  
"Pect na kijiye."—Khayal Jonpuri.
- 9-10 a.m. Asad Ali Khan of Agra. A Naat.  
"Kia kahun main keh kia Muhammad hai Ek nur-i-Khuda Muhammad hai." (Majruh.)
- 9-20 a.m. Ghulam Farid—Qawali.
- 9-35 a.m. Iqbal Putli of Meerut. Naat.  
(a) "Kant biman sakhi kije Kahari." Bhajan.  
(b) "Sar peh suraj a gaya maihsar ke maidan men Rasul Asion ko lo chhupa tum apne daman men Rasul."
- 9-45 a.m. Ghulam Farid—Mouth Organ—Nautch Tunes. (Assisted by the A.I.R. Orchestra.)
- 10-0 a.m. Close down.

TRANSMISSION II.

- 1-0 p.m. Time Signal.  
Indian Recorded Music.
- 2-0 p.m. Close down.

TRANSMISSION III.

- 6-0 p.m. Time Signal.  
A.I.R. Orchestra. *Tarbaini*.
- 6-10 p.m. Assad Ali Khan of Agra. *Sudh Malhar*.
- 6-20 p.m. 1st News Bulletin. (Hindustani.)
- 6-30 p.m. 1st News Bulletin. (English.)
- 6-40 p.m. Ghulam Farid.  
(a) "Kabhi to bhul ke rakh de qadam mire sar par Para hun Surat-i-naqshi-i-qadam tire dar par." (Amir.)  
(b) "Kis nazar se aj woh dekha kiya Dil mira duba kiya uchhla kiya." (Jigar.)
- 7-0 p.m. Malang Khan. *Vichitra Veena—Ramdasi Malhar*.
- 7-10 p.m. Asad Ali Khan of Agra. *Thumri Purbi*.
- 7-20 p.m. Iqbal Putli of Meerut.  
(a) "Tu-ji-na-hol-ri." *Khayal Durga. (Bilawal Thath.)*  
(b) "Tasawwur men ziarat ke maze kia kia hi pata hun Madine ko main ik ik din men sao sao bar jata hun." (Akbar Warisi.)  
(c) "Yeh duniya hai aoghat ghai pag ne bahu phailao ji. Itne hi phailao keh jis ke sukh se dukh na pao ji." (Zafar.)
- 7-35 p.m. Ghulam Farid.  
"Sunta nahin woh dil se kabhi dastan-i-dil, Kis se bayan kare koi dard-i-nihan-i-dil." (Amir.)
- 7-45 p.m. "For Villagers Only."  
Talk (Hindustani): "Railway Passengers."  
By RASHEED AHMAD SIDDIQI.
- 9-0 p.m. A.I.R. Orchestra. "Mallah ka Geet."

- 9-10 p.m. Asad Ali Khan of Agra.  
(a) Malhar.  
(b) "Woh chup ho gae mujhse kia kaihte kaihte, Keh dil rah gaya mudaa kaihte kaihte." (Hasrat Mohan.)
- 9-25 p.m. Iqbal Putli of Meerut.  
(a) "Roshani nam ko bhi khana-i-wiran men nahin Hae bijli ki chamak bhi shab-i-hijran me nahin." (Amir.)  
(b) "Chhap tilak kab jini re." (Dadra)  
(c) "Meri maot khab men dekh kar hue khub apni nazar—se khush, Unhen i'd ki si khushi rahi rahe sham tak woh—sahar se khush." (Dagh.)  
(d) "Main kia kahun keh kia teri ulfat ka rang hai Woh rang hai keh aql meri jis se dang hai." (Huh Narwi.)
- 9-45 p.m. 2nd News Bulletin. (Hindustani.)
- 10-0 p.m. 2nd News Bulletin. (English.)
- \* 10-15 p.m. Talk (English): "Indians in Europe."  
By M. D. TASEER.
- \* 10-30 p.m. A Studio Concert.  
MRS. A. DOW - Soprano.  
ALICE HAMILTON - Violin.  
BLANCA SCHLAMM - Piano/forte.  
Blanca Schlam. "Faschingsschwank" Op. 26 - Schumann.  
Mrs. A. Dow. "Let me wander not unseen" - Handel.  
"Where e'er you walk" - Handel.  
"My mother bids me bind my hair" - Haydn.  
Alice Hamilton. "Rondo Brilliant" - G. Saint George.  
"Berceuse" from Jocelyn - B. Godard.  
Blanca Schlam. Nocturne in a flat major Op. 32 - Chopin.  
Impromptu in F sharp Op. 36 - Chopin.  
Mrs. A. Dow. "Three songs of the Sea" - Roger Quilter.  
Alice Hamilton. "Polonaise Caprice" - Newland Smith.  
"Souvenir de Sorrento" - Pappini.  
"Mazourka Caprice" - Carl Bohm.  
Blanca Schlam. 3 Studies - Chorus.  
E Major Op. 10, G flat Op. 10, C flat Op. 25.
- 11-30 p.m. Close down.

\*Relayed from our Simla Studio.

Bombay

VUB 350.9 metres, 855 kc/s. 31.36 metres, 9,565 kc/s.

- 1-0 p.m. Available Market Rates.  
Erwin Klein and his Viennese Orchestra.  
OVERTURE "Edelweis" - K. Komzak.  
WALTZ "My life is joy and happiness." - J. Strauss.  
FANTASIA "Remembrance of Suppe." - E. Urbach.  
PIANO SOLO  
By ERWIN KLEIN. "Frivolity" - Lee Sims.  
SAXOPHONE SOLO  
By JOSZY WEBER. "Valse Vanite" - R. Wiedoest.  
POTPOURRI WALTZ "Dream" - O. Strauss.
- 2-0 p.m. The Indian Radio Orchestra. *Gazals*.
- 2-30 p.m. Light Music.  
M. G. BASARKAR.
- 3-30 p.m. Close down.
- 6-0 p.m. Relay of Music from Capitol Cinema.  
(By kind permission of the Management.)
- 6-30 p.m. Stories to Children.
- 7-0 p.m. H.M.V. Presents  
A Light Orchestral Concert.  
Maurice Igor and his Nomad Orchestra.  
Alfredo's Orchestra.  
Victoria Orchestra and New Mayfair Orchestra. (Recorded.)
- 7-45 p.m. Talk: "Have You Heard This?"  
By MENA SILAS.



E. Verga—the Man with a 'Cello and a Mission.

- 8-0 p.m. A Violoncello Recital.  
By E. VERGA.  
SONATA IN D MINOR - W. De Fesch, Arr. Moffat-Whitehouse.  
SICILIANO-ALLEMANDA ARIETTA-MINUETTO SERENADE ESPAGNOLE A. Glazounov.  
LA CLINQUANTINE - Gabriel-Marie.  
SIMPLE AVEU - F. TOME.
- 8-45 p.m. Talk: "The Evolution of a Ship."  
By Commander R. G. G. McCLEMENT, R.I.N.
- 9-0 p.m. News in English.
- 9-10 p.m. News in Hindi and Commercial News.
- 9-30 p.m. Light Classical Music.  
SB By MENAKA.
- 10-0 p.m. Accompanied by  
DATTARAM PARVATKAR - Sarangi.  
KRISHNARAO - Tabla.  
RATNAKANT - Harmonium.
- 11-0 p.m. Close down.

Calcutta

VUC 370.4 metres, 810 kc/s. 49.10 metres, 6,109 kc/s.

- 12-36 p.m. Time Signal.  
SB Half An Hour with "Gilbert and Sullivan."
- 1-6 p.m. Dance Music, featuring the Latest Dance Hits.  
SB A Recorded Programme.  
Calcutta Weather Bulletin for Oceanraft and Rivercraft (if any).
- 1-36 p.m. Kathakata by RAGHU NATH BHATTACHARYA.
- 2-6 p.m. Usharany—Kirlan.
- 2-26 p.m. Selections from Gramophone Records.
- 2-36 p.m. Talk: "Humour is Life".  
By BISHNU SARMA.
- 3-6 p.m. Time Signal.  
Close down.
- 5-6 p.m. Time Signal.  
SB Mohan Bagan vs. Mohammedan Sporting.  
A Running Commentary on to-day's Football Match. Relayed from the Mohan Bagan Ground.
- 6-6 p.m. Instrumental Music.  
Violin Recital by GANGACHARAN NANDY—Dhole accompaniment by PABAN BISWAS.

All Times are given in Indian Standard Time.



THURSDAY, 2nd JULY 1936.

- 6-21 p.m. A Classical Programme organized by SACHIN DAS.
- |                           |   |   |                    |
|---------------------------|---|---|--------------------|
| KUMARI KANIKA BANERJEE    | - | - | Modern Bengali.    |
| BUDDHADEV BANERJEE        | - | - | Classical, Kheval. |
| KUMARI PROTIMA DAS        | - | - | Modern Bengali.    |
| BHUPEN GHOSE              | - | - | Esraj Solo.        |
| KUMARI SUDHALARA BANERJEE | - | - | Modern Bengali.    |
| RANENDRA NATH DAS (NANTU) | - | - | Thumri.            |
| KUMARI RENUKA BANERJEE    | - | - | Modern Bengali.    |
| SATISH CHANDRA PATRA      | - | - | Modern Bengali.    |
| KUMARI LATIKA BANERJEE    | - | - | Modern Bengali.    |
| HARENDRA NATH DATTA       | - | - | Seeta Solo.        |
| KUMARI KANIKA BANERJEE    | - | - | Kirtan.            |
- 7-51 p.m. News in English.  
SB
- 8-6 p.m. Instrumental Music.  
SB  
Orchestra, conducted by PARITOSH SEAL.
- 8-21 p.m. Talk: "The Epic Story of Man's War Against Diseases". (1st Series).  
SB  
By NRIPEN CHATTERJEE.
- 8-36 p.m. Instrumental Music (Contd.)  
SB  
Orchestra, conducted by PARITOSH SEAL.
- 8-51 p.m. Weather Forecast, General News Bulletin, Market Prices, Jute and Gunny Closing Rates. (In Bengali).  
SB
- 9-6 p.m. Jack Artin and His Orchestra.  
SB  
Musical Selections.
- 9-21 p.m. "Wave Lengths."  
SB  
A Humorous Sketch by L. du GARDE PEACH.  
Characters:—  
DAPHNE - - - Margaret Follett.  
REGGIE - - - Edward Grey.  
Scene—The beach of a Cornish holiday resort. It is a fine Summer's day, with just enough sea to make bathing amusing.
- 9-36 p.m. Jack Artin and His Orchestra in more Musical Selections.  
SB
- 9-51 p.m. "A Matter of Course."  
SB  
A Humorous Sketch by L. du GARDE PEACH.  
Characters:—  
JACK - - - Edward Grey.  
ANNE - - - Margaret Follett.  
JIMMY.  
Scene:—A Fashionable London Restaurant.
- 10-6 p.m. Weather Forecast, 2nd News Bulletin, Market Prices, Jute and Gunny Closing Rates. (In English).  
SB
- 10-21 p.m. Dance Music by Jack Artin and His Orchestra.  
SB
- 10-36 p.m. Time Signal.  
Close down.

B. B. C.

TRANSMISSION 5.

The following frequencies will be used:  
GSP 15.31 Mc/s (19.60 m.), GSF 15.14 Mc/s (19.82 m.),  
GSC 9.58 Mc/s (31.32 m.).

- 4-30 a.m. Big Ben. A programme in celebration of Dominion Day, 1936. A message by the High Commissioner for Canada in London, the Hon. Vincent Massey.
- 4-48 a.m. The B.B.C. Empire Orchestra; leader, Daniel Melsa; conductor, Eric Fogg. Frederick Grinke (Canadian Violinist).  
Orchestra: Overture, Leonora (Beethoven). Frederick Grinke and Orchestra: Concerto in D, Op. 77 (Brahms).  
Orchestra: Slavonic Dance, No. 1 in C (Dvorak).
- 5-45 a.m. "Canadian Party." A gathering of variety artists and others who hail from Canada. Among those who will be present are: Les Allen and the Canadian Bachelors, Lyle Evans, Analon Young, Bill Snidermann, Dave Miller, and Bill Campbell.
- 6-10 a.m. The News and Announcements.  
Greenwich Time Signal at 6-15 a.m.
- 6-30 a.m. Close down.

TRANSMISSION 6.

The following frequencies will be used:  
GSD 11.75 Mc/s (25.53 m.), GSC 9.58 Mc/s (31.32 m.).

- 7-30 a.m. Big Ben. A Programme\* in celebration of Dominion Day, 1936. A message by the High Commissioner for Canada in London, the Hon. Vincent Massey.

- 7-45 a.m. A Recital by Tomasini (Canadian Baritone).  
Four Canadian Songs: Stop All this Idle Chatter (Ernest MacMillan); The Wreck of the Julie Plante: Give a Man a Horse he can Ride (Geoffrey O'Hara); My Little Banjo (Dichmont); I Dunno (Nichol). In Summertime on Bredon (Graham Peel). The Old Black Mare (Squire) Who Knows. (Ball). Trotin' to the Fair (Stanford) Hop Li, the Rickshaw Man (Manning).
- 8-10 a.m. "Experiment." A play by F. W. Beasley.  
All-Canadian cast includes: Joan Miller, Kent Stevenson, and Jone Tustin. Production by John Pudney.
- 8-35 a.m. Chamber Music. The Canadian Trio: Ida Nelson, (Violin); Zara Nelson, (Violoncello); Margaret Chamberlain, (Pianoforte).  
Allegro energico (First Movement, Trio in C minor, Op. 101) (Brahms). The Lark (Glinka, arr. H. Nelson). Fudo (Caelho, arr. H. Nelson). Waltz (Tchaikovsky, arr. H. Nelson). Celtic Prelude (Rutland Boughton). Waltzes Nos. 1 and 3 (Schmitt).
- 9-10 a.m. The News and Announcements.  
Greenwich Time Signal at 9-15 a.m.
- 9-30 a.m. Close down.

TRANSMISSION 1.

The following frequencies will be used:  
GSD 11.75 Mc/s (25.53 m.), GSB 9.51 Mc/s (31.55 m.).

- 10-0 a.m. Big Ben. "Characters in Sport." \* Some of the Empire players over here this summer, by the Hon. H. B. Hermon-Hodge
- 10-17 a.m. A Recital by Watson Forbes (Viola).  
Sonata in E minor: Adagio; Allegro; Allegretto (Marcello arr. Marchat). Sonata in G minor: Largo; Corrente—Allegro; Adagio Allegro vivace (Eccles, arr. Klengel). Sicilienne; (Paradies, arr. Watson Forbes). Allegro (Fiocco, arr. Watson Forbes).
- 10-40 a.m. Hampton Court Palace. \* A descriptive microphone visit and dramatic reconstruction, devised and written by Cecil Madden and S. E. Reynolds.  
Introducing: the Haunted Gallery; Walsey's Closet; the Chapel Royal; the Clock Court; the Wine Cellars; the Horn Room; the Tudor Kitchens; the Royal Tennis Court; the Queen's Staircase. Music of the periods played by the B.B.C. Empire Orchestra; leader, Daniel Melsa; conductor, Eric Fogg, broadcasting from the Great Hall of the Palace. The Choir and Organ of the Chapel Royal. From Hampton Court Palace, Middlesex.
- 11-40 a.m. The News and Announcements.  
Greenwich Time Signal at 11-45 a.m.
- 12-0 noon. Close down.

TRANSMISSION 2.

The following frequencies will be used:  
GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.).

- 4-30 p.m. Big Ben. The Trocadero Cinema Orchestra
- 4-45 p.m. "This Tennis Racket." Service by John Pudney.
- 5-15 p.m. Irish Songs and Dances. James McCafferty (Baritone). Ernest A. A. Stoneley (Violin).  
James McCafferty: Ballygarry (May Morell). The Birds Fly South (arr. Esposito). Black Sheila (arr. Hart), Molly Brannigan (arr. Stanford), A Good, Roarin' Fire (arr. Hughes). Ernest A. A. Stoneley: Traditional Irish Jigs and Reels. James McCafferty: Little Mary Cassidy (arr. Somervell). You Couldn't Stop a Lover (arr. Hughes). Kitty Magee (arr. Moffat). The Maspie's Nest (arr. Hughes). The Garden where the Praties Grow (arr. Liddle).
- 5-45 p.m. "Characters in Sport." \* Some of the Empire players over here this summer, by the Hon. H. B. Hermon-Hodge.
- 6-0 p.m. A Programme of New Gramophone Records.  
Greenwich Time Signal at 6-30 p.m.
- 6-30 p.m. The News and Announcements.
- 6-50 p.m. The Philip Whiteway Ensemble.  
Butterflies (Suite, Open Windows) (Henman). It is Only a Tiny Garden (Haydn Wood). Pierrot's Serenade (Brian Hope). What Might Have Been (Henman). The Marionette and the Wooden Soldier (Mordish). Violin Song (Tina) (Rubens). Forest Melody (Montague Phillips).
- 7-15 p.m. Close down.

TRANSMISSION 3.

The following frequencies will be used:  
GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.),  
GSF 15.14 Mc/s (19.82 m.).

Programmes may be broken into for commentaries by Colonel R. H. Brand and Captain H. B. T. Wakelam on the All-England Lawn Tennis Club Championship, from the Centre Court, Wimbledon.

- 7-30 p.m. Big Ben. "A Countryman's Diary," by A. G. Street.
- 7-45 p.m. The Band of His Majesty's Royal Marines Plymouth Division (by permission of Brigadier H. C. Pope), conducted by Captain F. J. Ricketts, Director of Music, Royal Marines. Frederick Harvey (Baritone). From the Abbey Hall, Plymouth.  
Frederick Harvey: The Yeomen of England (Edward German). The Ginchey Road (Lauri Edward). Love's Home-Coming (Kennedy Russell). Band: Serenade, Lolita, (Arturo Buzzi-Peccia). Walt Disney's Silly Symphony (Churchill, arr. Harline). Frederick Harvey: On a January Morning; Glorious Devon (Edward German). The Cornish Witch (Alan Murray). Band: Parade of the Sunbeams (Maclean, arr. Carver). Serenata (Moszkowski, arr. John Greedy). March, Holyrood (Alford).
- 8-30 p.m. "The Arcadian Follies," under the direction of Ernest Binns, from the South Pier, Blackpool. Arthur Jackson (Pianoforte); Bobby Vincent (Comedian and J Dancer); Cecil Frederick (Entertainer); Anita Eaton (Soubrette and Dancer); Madge Colin (Soprano); Ralph Humber (Baritone) Evie Carcroft (Soubrette); Mollie Deane (Comedienne); Max and Maisie Norris (Light Comedy Duets); Chris Wortman (Light Comedian); Harry Korris (Comedian).
- 9-15 p.m. The Harp Trio: Tina Bonifacio (Harp); Harry Dyson (Flute); Gethyn Wykeham-George (Violoncello).  
Spirit of the Dance, No. 3 (Ewing). Serenade (Oelschlegel).
- 9-25 p.m. The News and Announcements.  
Greenwich Time Signal at 9-30 p.m.
- 9-45 p.m. Dance Music. Howard Godfrey and his Dance Orchestra.
- 10-30 p.m. Close down.

TRANSMISSION 4.

Three of the following frequencies will be used:  
GSG 17.79 Mc/s (16.86 m.), GSI 15.26 Mc/s (19.66 m.),  
GSF 15.14 Mc/s (19.82 m.), GSD 11.75 Mc/s (25.53 m.),  
GSB 9.51 Mc/s (31.55 m.).

- 10-45 p.m. Big Ben. Pianoforte Works by Schumann.†
- 11-0 p.m. Reginald King and his Orchestra.  
A Survey Suite: (1) Richmond Park (2) The Shadowy Pines (3) Kingston Market (Montague Phillips). Moonlight Reverie (Reginald King). Dance for a Children's Party (Thiman). Hold me in your Heart (Kennedy Russell). Love in Cloverland (Leo Peter). Forget-me-not (Richards).  
Greenwich Time Signal at 11-30 p.m.
- 11-30 p.m. The News and Announcements.
- 11-50 p.m. The Karl Caylus Players. Herbert Thorpe (Tenor).
- 12-5 a.m. "Till To-morrow." \* A play in one act, by Adrian Brunel. Production by John Pudney.
- 12-30 a.m. Carroll Gibbons and the Savoy Hotel Orpheans (by permission of the Savoy Hotel, Ltd.)
- 1-0 a.m. Old English Dances.†
- 1-10 a.m. "This Tennis Racket." \* Service by John Pudney.
- 1-40 a.m. The B.B.C. Scottish Orchestra; leader, J. Moulard Begbie; conducted by Ian Whyte.  
Overture, Der Freischutz (Weber). Symphony in G minor (1) Allegro molto (2) Andante (3) Menuetto (4) Allegro assai (Mozart).
- 2-10 a.m. The News and Announcements.
- 2-30 a.m. Around the Counties, No. 1. \* "Men of Kent and Kentish Men."  
"O famous Kent,  
What county hath this isle that can compare with thee?"  
The programme devised and produced by William MacLurg.
- 3-5 a.m. Dance Music. Harry Leader and his Band.  
Greenwich Time Signal at 3-30 a.m.
- 3-35 a.m. A Recital by Marie Dare (Violoncello).  
Oriental Dance (Rachmaninov). Wiener Volkslied (Vienna Folk-Song) (Kreisler). Uist Cattle Croon (arr. Kennedy-Fraser). Reel (Thomas Pitfield). Hungarian Rhapsody (Popper).
- 3-58 a.m. Algernon Blackwood. \*
- 4-15 a.m. Close down.

\* Electrical recording. † Gramophone records.

FRIDAY, 3rd JULY 1936.

Delhi

VUD 340.136 metres, 882 kc/s.

TRANSMISSION I.

- 8-0 a.m. *Time Signal.*  
Recitation from the Qur'an-i-Sharif.
- 8-10 a.m. Ghulam Najaf Khan of Ajmer. *A Naat.*
- 8-20 a.m. A. I. R. Orchestra. "*Caravan.*"
- 8-30 a.m. Nawab Bai of Bombay.  
(a) Thumri Bhairon.  
(b) "Haya se sar jhuka lena ada se muskuradena, Hasinon ko bhi kitna saihl hai bijli gira dena." (*Akbar Allahabadi.*)
- 8-45 a.m. Talk (*Hindustani*): "Children in Switzerland."  
By DR. Inder Sen.
- 9-0 a.m. Shankar Lal. *Thumri Asawri.*
- 9-10 a.m. Malang Khan. *Surbahar.*  
P. S. Mukerji. *Sarod.*  
Haidar Husain. *Sitar.* } *Bilas Khani.*
- 9-20 a.m. Nawab Bai of Bombay.  
(a) Thumri Desi Todi.  
(b) "Tujhe taskin-i-dil paya tujhe aram-i-jan paya Nihan bhi hai to kia tujh ko jahan dhunda wohan paya." (*Jauhar.*)
- 9-40 a.m. Shankar Lal. *Bhajan.*
- 9-50 a.m. Ghulam Najaf Khan. *Qawwali.*
- 10-0 a.m. *Close down.*

TRANSMISSION II.

- 1-0 p.m. *Time Signal.*  
Indian Recorded Music.
- 2-0 p.m. *Close down.*

TRANSMISSION III.

- 6-0 p.m. *Time Signal.*  
A. I. R. Orchestra. *Rewa.*
- 6-10 p.m. Shankar Lal. *Bhajan Surdas.*
- 6-20 p.m. 1st News Bulletin (*Hindustani*).
- 6-30 p.m. 1st News Bulletin (*English*).
- 6-40 p.m. P. S. Mukerji. *Cello.*  
Karrar. *Organ.*  
Jiwan. *Clarionet.* } *Melody in Bass.*
- 6-43 p.m. Sardar. *Violin.*  
Sabir. *Sarang.*  
Haidar. *Sitar.* } *Melody in Treble.*
- 6-46 p.m. Celo. }  
Organ. } *Melancholy*  
Clarionet. } *Rapture*  
Violin. } *Delight.*  
Sarang. }  
Sitar. }
- 6-50 p.m. Shankar Lal. *Thumri.*
- 7-0 p.m. Ghulam Najaf Khan. *Qawwali.*  
(Assisted by MALANG, HAIDAR, Karrar and Sabir)  
(*Dholak* by TUFAIL).
- 7-20 p.m. Bhai Ghulam. *Dilruba. Mian ki Malhar.*
- 7-25 p.m. Nawab Bai of Bombay. *Malhar and Rasia.*
- 7-45 p.m. "For Villagers Only."
- 8-45 p.m. Talk (*Hindustani*): "A School that Fits the Child."  
By RANG BEHARI MATHUR.
- 9-0 p.m. A. I. R. Orchestra. *Shudh Malhar.*
- 9-5 p.m. Who is Singing? Guess (Every verse will be sung by a different person).  
"Muzdah ae shauq-i-shahadat auj par taqdir hai."  
"Aj dast-i-naz men nazuk si ik shamshir hai."  
(*Jigar.*)
- 9-15 p.m. Shankar Lal. *Thumri.*
- 9-25 p.m. Ghulam Najaf Khan. *Ghazal.*
- 9-35 p.m. Nawab Bai of Bombay. *Thumri.*
- 9-45 p.m. 2nd News Bulletin (*Hindustani*).
- 10-0 p.m. 2nd News Bulletin (*English*).

- \*10-15 p.m. Talk (*English*): "Aviation Jobs and Prospects."  
By G. L. GANDY.
- 10-30 p.m. Recorded Programme.  
"Old Favourites."  
New Mayfair Dance Orchestra.  
Selection "White Horse Inn."  
Richard Crooks. (*Tenor*).  
"Kathleen Mavourneen."  
Quentin Maclean. (*Organ Solo*).  
Selection from the "Mikado."  
Paul Robeson Medley No. 2.  
New Mayfair Orchestra.  
Old Music Hall Memories.  
Lily Pons. (*Soprano*).  
"Lo here the Gentle Lark."  
Philadelphia Symphony Orchestra.  
Invitation to the Waltz. (*Weber*).  
Seamus Doherty. (*Tenor*).  
"My Irish Home sweet Home."  
Symphony Orchestra.  
"Songs of the Fair."
- 11-30 p.m. *Close down.*

\*Relayed from our Simla Studio.

Bombay

VUB 350.9 metres, 855 kc/s. 31.36 metres, 9,565 kc/s.

- 12-0 noon. H.M.V. Presents:—  
Govind Agni.  
"Sakhe Vanamali Rahdi" - *Hivan Puri.*  
"Madhu Murali Rava" - *Tilang.*  
Usharani.  
"Maganu Ke Taraha Asike" - *Hindustani.*  
"Rukhe Mus Tafa Ka Najara" - *Hindustani.*  
Indu Bala.  
"Kaisi Mar Gai Dhekho Pichakari" - *Bhairavi.*  
"Khele Shama Kanaiya" - *Holi.*  
Khadim Hussain Khan.  
"Paiya Darugi Palaka Na Chadhugi."  
*Jai Jaiwant.*  
"Umand Ghana Ghumand Barase." *Jai Jaiwant.*  
Gandhari (Hangal).  
"Darasan Ben Akhiyna" - *Durga.*  
"Kahe Ladali Lad" - *Miya Malhar.*  
H.M.V. Dramatic Party.  
"Krishna Sudama."—(*A Gujrati Drama.*)  
Shankarrao Gaikwad.  
"Sernai Gat—Paiya Kar Dhar."  
"Sernai Gat—Jaine De Re Ja.—(*Recorded.*)
- 1-0 p.m. Available Market Rates.  
European Lunch Hour Selections.
- 2-0 p.m. Educational Hour.
- 2-30 p.m. *Close down.*
- 5-30 p.m. Light Music.  
MATHUBAI ISLAMPURKAR.
- 6-30 p.m. Gujrati Garba.  
(Conducted by NIRMALA OZA.)
- 7-15 p.m. Recitations from Holy Quoran.  
MOULVI GULAM MOHOMED KAMAR.
- 7-30 p.m. Jal Tarang Solos.  
DATTARAM PARWARKAR.
- 8-0 p.m. Commercial News and News in Hindi.
- 8-25 p.m. Light Music.  
ANJANIBAI WADKAR.
- 9-30 p.m. News in English.
- 9-45 p.m. Talk: "Pandharpur Fair and Palkhis."  
By Dr. K. A. GANDHI.

- 10-0 p.m. A Studio Concert, by Gwladys Jones, Entertainer and The Art Players.  
SB  
THE ART PLAYERS.  
MAZURKA - - - - - *Wieniawsky.*  
LARGO - - - - - *Handel.*  
CHANT SANS PAROLES - - - - - *Tschaikowsky.*  
GWLADYS JONES  
In a Dialogue  
"A Morning Gossip."  
THE ART PLAYERS.  
TRAUEREI - - - - - *Schumann.*  
ENTRACTE GAVOTTE FROM - - - - - *Mignoin* Thomas.  
SPRING SONG - - - - - *Mendelssohn.*  
CHANSON TRISTE - - - - - *Tschaikowsky.*  
GWLADYS JONES.  
"The Hammonds and the Hobbs."  
THE ART PLAYERS.  
"Serenade" - - - - - *Gounod.*  
"Menuet" - - - - - *Boccherini.*  
"The Bee" - - - - - *Schubert.*
- 11-0 p.m. *Close down.*

Calcutta

VUC 370.4 metres, 810 kc/s. 49.10 metres, 6,109 kc/s.

- 12-36 p.m. Musical Selections from the Studio.  
SB
- 12-51 p.m. Robert Pikler and His Hungarian Orchestra.  
SB  
Lunch Hour Selections.  
Relayed from "Firpo's" Restaurant.  
(By kind permission of the Management.)  
Calcutta Weather Bulletin for Oceanraft and Rivercraft (*if any.*)
- 1-36 p.m. Talk: "The Last Dialogues of Socrates."  
(1st Part.)  
By NIRIPEN CHATTERJEE.
- 2-6 p.m. Milad by QARI NUR HUSSAIN and Party.
- 2-36 p.m. Talk: "Mystery in a Laboratory."  
By BISHNU SARMA.
- 3-6 p.m. *Time Signal.*  
*Close down.*
- 5-6 p.m. *Time Signal.*  
Children's Hour conducted by KAMAL BOSE.  
Letters and Riddles.
- 5-16 p.m. "Silver Jubilee Shield Competition." (On Essay Writing).  
The Trophy Awarded by KUMAR H. K. MITTER of Jhamapukur.
- 5-31 p.m. Bengali Song. By KUMARI NIRMALA MITRA.
- 5-36 p.m. Talk: "Useful Things you can Prepare from Flowers."
- 5-51 p.m. A Fifteen Minutes' Vaudeville Programme.
- 6-6 p.m. The Grand Hotel Orchestra.  
A Light Instrumental Programme.  
Relayed from the Palm Court of the Grand Hotel.
- 6-51 p.m. Weather Forecast, General News Bulletin, Market Prices, Jute and Gunny Closing Rates. (*In Bengali.*)  
SB
- 7-6 p.m. Indian Theatrical Night.  
SB  
Sree-rup Mandir presents "Praner Dabi."  
By JALADHAR CHATTERJEE, under the direction of NIRBHAY BOSE.  
The Cast includes:—  
ANATH MUKHERJEE, NIRBHAY BOSE, SATYEN GHOSAL, PROBhat BHATTACHARYA, GOUR BHATTACHARYA, SISIR CHAKRAVARTY, SHANKAR CHAKRAVARTY, BABU GANGULY, SHISHUBALA, SURAMA, RANEE, CHAMELI SELIMA AND SARAJU.
- 10-6 p.m. Weather Forecast, General News Bulletin, Market Prices, Jute and Gunny Closing Rates. (*In English.*)  
SB
- 10-21 p.m. *Time Signal.*  
*Close down.*

ALL FOREIGN PROGRAMMES

on PAGES 677 and 678

FRIDAY, 3rd JULY 1936.

B. B. C.

TRANSMISSION 5.

The following frequencies will be used :  
GSP 15.31 Mc/s (19.60 m.), GSF 15.14 Mc/s (19.82 m.),  
GSC 9.58 Mc/s (31.32 m.).

- 4-30 a.m. **Big Ben.** "Queue for Song," 2nd Edition.\* An Empire promenade, presented by Reginald Smith.
- 5-10 a.m. **A Pianoforte Interlude by John Wills.** Prelude, Sarabande, and Bourree, from Suite in A minor (J. S. Bach).
- 5-20 a.m. "Starlight," Number Nine. \* Interviews with famous stage people, and excerpts from their repertoires, No. 9: Magda Kun and Steve Geray (the musical-comedy and film stars).
- 5-35 a.m. "Fire at Sea," \* by Jerry Nunn.
- 5-50 a.m. **A Recital by Daisy Kennedy (Australian Violinist).** Rigaudon (Monsigny, arr. Franko). Sarabande and Gavotte (Passeried and Alternativo (Anon. (18th Cent.), arr. de Boer); Arabian Spanish Gipsy Song (arr. Kreisler) Waltz (Brahms, arr. Hochstein). Scherzo (Akimenko). Kuruka-Kuruka (Kosack Yamada). Ballet (Debussy).
- 6-10 a.m. **The News and Announcements.**  
*Greenwich Time Signal at 6-15 a.m.*
- 6-30 a.m. *Close down.*

TRANSMISSION 6.

The following frequencies will be used :  
GSD 11.75 Mc/s (25.53 m.). GSC 9.58 Mc/s (31.32 m.).

- 7-30 a.m. **Big Ben.** A Light Classical Concert. The B.B.C. Empire Orchestra; leader, Daniel Melsa; conducted by Clifton Helliwell. Lance Dossor (Pianoforte).  
Orchestra: Overture, Euryanthe (Weber). Lance Dossor and Orchestra: Concerto in A major (K. 488): (1) Allegro (2) Andante (3) Presto (Mozart). Orchestra: Fantasy La boite a joujoux (The Box of Toys) (Debussy), Slavonic Rhapsody in A flat, Op. 45, No. 3 (Dvorak)
- 8-30 a.m. **Algernon Blackwood.** \*
- 8-45 a.m. **A Recital by Moura Lympany, (Pianoforte).** Rhapsody in G minor, Op. 79 No. 2 (Brahms). Fantasie impromptu (Chopin). Toccata from Le Tombeau de Couperin (Ravel).
- 9-0 a.m. **Evening Song of Birds, with Tom Harrison** to describe them. \* Broadcast from a Hampshire Garden.
- 9-10 a.m. **The News and Announcements.**  
*Greenwich Time Signal at 9-15 a.m.*
- 9-30 a.m. *Close down.*

TRANSMISSION 1.

The following frequencies will be used :  
GSD 11.75 Mc/s (25.53 m.). GSB 9.51 Mc/s (31.55 m.).

- 10-0 a.m. **Big Ben.** The B.B.C. Dance Orchestra, \* directed by Henry Hall.

- 10-39 a.m. "A Countryman's Diary," \* by A. G. Street.
- 10-54 a.m. **A Recital of Popular Ballads, by Ernest Hargreaves (Tenor).** Nirvana (Stephen Adams). I Hear you Calling me (Charles Marshall). Ninetta (Herbert Brewer). Jane (George Barker). Maire, my Girl (George Aitken).
- 11-10 a.m. "This Tennis Racket." \* Service by John Pudney.
- 11-40 a.m. **The News and Announcements.**  
*Greenwich Time Signal at 11-45 a.m.*
- 12-0 noon. *Close down.*

TRANSMISSION 2.

The following frequencies will be used :  
GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.).

- 4-30 p.m. **Big Ben.** The Rutland Square and New Victoria Orchestra, directed by Norman Austin. From the New Victoria Cinema, Edinburgh.
- 4-45 p.m. **Algernon Blackwood.** \*
- 5-0 p.m. **The B.B.C. Dance Orchestra, directed by Henry Hall.**
- 5-30 p.m. **Around the Counties, No. 1. \* "Men of Kent and Kentish Men."** "O famous Kent, What county hath this isle that can compare with thee?" The programme devised and produced by William MacLurg.
- 6-5 p.m. **A Pianoforte Interlude by Cecil Dixon.** Clair de Lune; Arabesque in E (Debussy).
- 6-15 p.m. "Club Room Conversation."\*  
*Greenwich Time Signal at 6-30 p.m.*
- 6-30 p.m. **The News and Announcements.**
- 6-50 p.m. **Toni and the North Pier Orchestra, from the North Pier, Blackpool.**
- 7-15 p.m. *Close down.*

TRANSMISSION 3.

The following frequencies will be used :  
GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.),  
GSF 15.14 Mc/s (19.82 m.).

- Programmes may be broken into for commentaries by Colonel R. H. Brand and Captain H. B. T. Wakelam on the All-England Lawn Tennis Club Championship, from the Centre Court, Wimbledon.*
- 7-30 p.m. **Big Ben.** "Queue for Song," 2nd Edition. \* An Empire promenade, presented by Reginald Smith.
  - 8-10 p.m. **Musical Interlude.** †
  - 8-15 p.m. "Fire at Sea," \* by Jerry Nunn.
  - 8-30 p.m. **The Hotel Victoria Orchestra; leader, A. Rossi; under the direction of Emilio Colombo.** From the Hotel Victoria, London.
  - 9-15 p.m. **Variety.** †

- 9-25 p.m. **The News and Announcements.**  
*Greenwich Time Signal at 9-30 p. m.*
- 9-45 p.m. **The Serge Krish Septet.** The Duchess of Chicago (Kalman). The Star and the Rose (Schwartz). Daddy Long-Legs (Kenneth Wright). Waltz, Love and Life in Vienna (Komzak). Green Lawns (Lewis). Moldavian Rhapsody (Krish). Entr'acte (Carmen) (Bizet) In Old Budapest (Krish).
- 10-30 p.m. *Close down.*

TRANSMISSION 4.

Three of the following frequencies will be used :  
GSG 17.79 Mc/s (16.86 m.), GSI 15.26 Mc/s (19.66 m.),  
GSF 15.14 Mc/s (19.82 m.), GSD 11.75 Mc/s (25.53 m.),  
GSB 9.51 Mc/s (31.55 m.).

- 10-45 p.m. **Big Ben.** Dance Music. †
- 11-0 p.m. **Reginald Dixon, at the Organ of the Tower Ballroom, Blackpool.** Suite, Americana: (1) March (2) Serenade (3) Sketch (Thurban). Wake Up and Sing (Friend). Barcarolle (Offenbach). Body and Soul (Green). Selection, Wonder Bar (Katscher).  
*Greenwich Time Signal at 11-30 p.m.*
- 11-30 p.m. **The News and Announcements.**
- 11-50 p.m. "A Countryman's Diary," \* by A. G. Street.
- 12-5 a.m. **The Alfredo Campoli Trio.** Deep River (arr. Sidney Crooke). Valse caprice (Hellier) Serenata (d'Ambrosio). Moya, Lovely Moya (Leo Peter). Cowslip (Language of Flowers) (Cowen). Tango (Cecil Dixon). Gopak (Mussorsky, arr. Dushkin).
- 12-30 a.m. **Datganiad o Abertawe (A Recital of Welsh Folk-Songs).** Alyce Davies (Soprano). Nan Davies (Telynore) (Harp).
- 1-0 a.m. "Jill Comes Tumbling After!" \* Being the sixth and last in the series of adventures of Jack and Jill. Book and lyrics by Alec McGill; music by Jack Clarke. Production by William MacLurg.
- 1-35 a.m. **Light Orchestral Music.** †
- 1-45 a.m. **Variety Feature.**
- 1-55 a.m. **The B.B.C. Military Band; conductor, B. Walton O'Donnell.** Overture in D (Handel, arr. Gerrard Williams). Suite de Concert: (1) Valse lente (2) Pulchinella (Raoul Fuzgo).
- 2-10 a.m. **The News and Announcements.**
- 2-30 a.m. "Down River." G. M. Boumphrey.
- 2-50 a.m. **The B.B.C. Midland Orchestra; leader, Alfred Cave; conducted by H. Foster Clark.** Overture, The Two Sisters (Cyril Bradley Rootham). The Island of Death (Four Tone Poems) (Reger). Fugue in C minor (Berners). The walk to the Paradise Garden (A Village Romeo and Juliet) (Delius). Dances from the Three-Cornered Hat: (1) The Neighbours (2) The Miller's Dance (3) Final Dance (Falla).  
*Greenwich Time Signal at 3-30 a.m.*
- 3-45 a.m. **Dance Music.** Roy Fox and his Band.
- 3-58 a.m. "A Countryman's Diary," \* by A. G. Street
- 4-15 a.m. *Close down.*

\*Electrical recording. †Gramophone records.

All Times are given in Indian Standard Time.



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SATURDAY, 4th JULY 1936.

Delhi

VUD 340.136 metres, 882 kc/s.

TRANSMISSION I.

- 8-0 a.m. *Time Signal.*  
Naat By MUHAMMAD SHAFI of Delhi.
- 8-10 a.m. A.I.R. Orchestra. "Pilgrims' March."
- 8-20 a.m. Kallo Bai of Pataudi.  
(a) *Khayal.*  
(b) *Thumri.*
- 8-45 a.m. Talk (Hindustani) : "And Spoil the Child."  
By ANJUMAN ARA BEGUM.
- 9-0 a.m. Malang Khan. *Vichitra Veena*—Ghara.
- 9-10 a.m. Muhammad Shafi.  
(a) Ghazal Asawri.  
"Hain tasawwur men woh sari baten  
Yad hain mujh ko tumhari baten."  
(*Bekhud.*)  
(b) Ghazal Sarang.  
"Chot dil ko jo lage ah-i-rasa paida ho  
Sadma shishe ko jo paunhche to sada paida  
ho." (*Nasikh.*)
- 9-30 a.m. Ghulam Sabir. *Sarangi*—Mian ka sarang.
- 9-40 a.m. Kallo Bai.  
(a) *Thumri Bilawal.*  
"Umand jobanwa ki tirchhi najaria."  
(b) *Malhar Shudh.*
- 10-0 a.m. *Close down.*

TRANSMISSION II.

- 1-0 p.m. *Time Signal.*  
A Recorded Programme.  
Maurice Igor and his Nomad Orchestra.  
"Gipsy Longing."  
Lily Pons (*Soprano.*)  
"I dream too much."  
Sydney Gustard (*Organ.*)  
"Wee Macgregor Patrol."  
Stanelli and his Hornchestra.  
"Miliza Korjus (*Soprano.*)  
"Thousand and one night's Waltz."  
Heifetz. (*Violin Solo.*)  
"Sevilla."  
Marek Weber and his Orchestra.  
"Moonlight on the Alster."  
Cicely Courtneidge  
in  
"The Sunshine Cruise."  
Tommy Kinsman's Band  
in  
"Teddy Bear's Picnic."  
"And the big bad Wolf was dead."
- 2-0 p.m. *Close down.*

TRANSMISSION III.

- 6-0 p.m. *Time Signal.*  
A.I.R. Orchestra. *Megh Malhar.*
- 6-10 p.m. Muhammad Shafi. *Ghazal Adana Malhar.*  
"Saqi ki har nigah peh bal kha ke pi gaya  
Laihron se khelta hua laihra ke pi gaya." (*Jigar.*)
- 6-20 p.m. 1st News Bulletin. (*Hindustani.*)
- 6-30 p.m. 1st News Bulletin. (*English.*)
- 6-40 p.m. P. S. Mukerji - *Sarog* } *Ramdasi*  
Malang Khan - *Sur Bahur* } *Malhar.*  
(*Tabla played by TUFAIL.*)
- 6-50 p.m. Kallo Bai. *Khayal Marwa.*
- 7-0 p.m. Muhammad Shafi. *Thumri Shudh Kalyan.*
- 7-10 p.m. Jiwan. *Clarinet*—Hamir Kalyan.
- 7-15 p.m. Aftab-i-Musiqi Fayyaz Khan.  
(a) "Man na kar ri." *Gond Malhar Khayal*  
*Blampat Lae.*  
(b) "Kis ko aesi bat ho." *Gond Malhar Khayal*  
*Drut Lae.*

- 7-45 p.m. "For Villagers Only."
- 8-45 p.m. Talk (Hindustani) : "Begum Shimroo".  
By ABDUR RASHEED.
- 9-0 p.m. Aftab-i-Musiqi Fayyaz Khan of Baroda.  
(a) "Badarwa barson ko ae." *Sur Malhar—*  
*Khayal Drut Lae.*  
(b) "Sakhi re mora meke men jiya ghabrae."  
*Thumri.*  
(c) "Ae abi-i-siah jhumta ata hai kidhar se  
Shayad keh tu pi aya hai mai saqi ke ghar  
se."
- 9-45 p.m. 2nd News Bulletin. (*Hindustani.*)
- 10-0 p.m. 2nd News Bulletin. (*English.*)
- 10-15 p.m. Talk (Hindustani) : "Types of Friends."  
By S. M. HAQQI.
- 10-30 p.m. Play (Hindustani) : "Zood Pasheman."  
By H. M. N. ARABIAN.
- 11-0 p.m. *Close down.*

Bombay

VUB 350.9 metres, 855 kc/s. 31.36 metres, 9,565 kc/s.

- 1-0 p.m. Available Market Rates.  
Jules Craen and His Quintet.  
Relayed from Taj Mahal Hotel.  
(*By kind permission of the Management.*)
- 2-0 p.m. A Concert.  
DINA DASTOOR, Light Songs.  
VINAYAK HARSHI, Vocal.  
The V.U.B. Orchestra.
- 4-0 p.m. *Close down.*
- 5-30 p.m. Relay of Music from Regal Cinema.  
(*By kind permission of the Management.*)
- 6-30 p.m. Gujerati Lyric Songs.  
RASIK T. VIN.
- 7-0 p.m. Bul-Bul-Tarang Solos.  
JAYANTILAL SHAH of Ahmedabad.
- 7-15 p.m. Talk (Hindi) : "Rongo Ke Kide."  
By Dr. D. R. PREM.
- 7-30 p.m. Fashionchi Lavni.  
SHAHIR M. N. NANIVADEKAR.
- 8-0 p.m. Commercial News and News in Hindi.
- 8-25 p.m. Bhatiali Songs.  
ANIL BISWAS.  
ASHALATA AND ANIL BISWAS.  
(*In Songs with Orchestral Accompaniment.*)
- 9-30 p.m. News in English.
- 9-45 p.m. Talk : "Next Witness Please."  
By SORAB D. VIMADALAL.
- 10-0 p.m. General Motors Symphony Orchestra.  
S.B. (*Under the direction of ERNO RAPER.*)  
EMANUEL FEUERMANN—*Cellist.*  
(*A Recorded Programme*)  
Orchestra.  
OVERTURE "Egmont" - - - - - Beethoven.  
Emanuel Feuermann.  
(a) Hungarian Rhapsody - - - - - Popper.  
(b) Danse Espagnole - - - - - Granados.  
Orchestra.  
Valse des Fleurs - - - - - Tchaikowsky  
BALLET MUSIC FROM "Le Cid" - - - - - Massenet.  
(a) Aragonaise.  
(b) Andalouse.  
(c) Aubade.  
(d) Navarraise.  
Emanuel Feuermann.  
(a) Rondeau - - - - - Dvorak.  
(b) The Swan - - - - - Saint-Saens.  
Orchestra.  
POLOVETSIAN DANCES FROM  
"Prince Igor" - - - - - Borodin.
- 11-0 p.m. *Close down.*

Calcutta

VUC 370.4 metres, 810 kc/s. 49.10 metres, 6,109 kc/s.

- 12-36 p.m. *Time Signal.*  
SB A Studio Programme by Messrs. T. E. Bevan & Co.  
(*"Columbia" Recording.*)  
Vaudeville Theatre Orchestra.  
"The Town Talks."—*Selection.*  
Turner Layton.  
"Riding the Range in the Sky."—(*With Guitar.*)  
"Alone at a Table for Two."  
Carrol Gibbons and Savoy Hotel Orpheans.  
"I'm building up to an awful let down."  
"These Foolish Things."  
Columbia Grand Chorus (*with Novelty Accompaniment.*)  
"Liebestraum."—(*Choral Version.*)  
"Hungarian Rhapsody No. 2."—(*Choral Version.*)  
Albert Sandler and His Orchestra.  
"Gloomy Sunday."  
"Vienna, City of my Dreams."  
Ciro Rimac's Rumbaland Muchachos.  
"La Rumba, el Vianders."  
"La Conga, Mi Rose, Cuban Conga."  
Hildegard with Clive Richardson's Orchestra.  
"But where are You."  
"Life begins when you're in Love."  
Xylophone Solo by HARRY ROBBINS.  
"Dancing Dolls."—*Medley.*  
Intro : "Doll Dance," "Wedding of the Painted Doll."  
"Little Dutch Doll," etc.  
Calcutta Weather Bulletin for Océanraft and Rivercraft (*if any.*)
- 1-36 p.m. Talks : (a) "Life of Swami Vivekananda."  
(b) "Things that Interest us."  
By BELLA HALDER.
- 2-6 p.m. Recorded Selections.
- 2-36 p.m. Talk : "Child Welfare" by SHAMSOL NAHAR MAHMUD, of the National Council of Women in India.
- 3-6 p.m. *Time Signal.*  
*Close down.*
- 5-6 p.m. *Time Signal.*  
SB  
Indian League Clubs vs. European League Clubs.  
Running Commentary on today's Football Match  
Relayed from the C. F. C. Ground.  
*Commentator* : BERTIE MEYER.
- 6-6 p.m. Talk : "Quinine Factory at Mungfoo."  
By BABU KAMALENDRA ROY.
- 6-26 p.m. Light Bengali Song by AMAR NATH CHATTERJEE.
- 6-36 p.m. Sarengge Solo by CHAMU MISRA.
- 6-51 p.m. Classical Vocal Music by TARAPADA CHAKRAVARTY.
- 7-21 p.m. "A Peep into old Calcutta."  
Written and Produced by BANI KUMAR.
- 7-51 p.m. News in English.  
SB
- 8-6 p.m. Humorous Song by NALINI KANTA SIRCAR.  
SB
- 8-21 p.m. Talk : "An Interesting Study of Old Calcutta."  
By BROJEN BANERJEE.  
SB
- 8-36 p.m. Instrumental Music.  
SB N. N. MAZUMDAR—*Clarinet Solo.*
- 8-51 p.m. Weather Forecast, General News Bulletin, Market Prices, Jute and Gunny Closing Rates. (*In Bengali.*)  
SB
- 9-6 p.m. Orchestral Prelude (*Recorded*) from the Studio.  
SB MAGDA GYENES—*Soprano*—In Popular Airs.  
VALENTINE OTTE—*Baritone*—In Dance and Folk Songs, with Guitar accompaniment by himself.
- 9-36 p.m. Dance Music—By the Grand Hotel Dance  
SB Orchestra.  
Relayed from "Prince's" Restaurant.

All Times are given in Indian Standard Time.

SATURDAY, 4th JULY 1936.

10-6 p.m. Weather Forecast, 2nd News Bulletin, Market  
SB Prices, Jute and Gunny Closing Rates. (In  
English).  
10-21 p.m. Dance Music (Contd) from "Prince's."  
SB  
10-36 p.m. Time Signal.  
Close down.

B. B. C.

TRANSMISSION 5.

The following frequencies will be used :  
GSP 15.31 Mc/s (19.60 m.), GSF 15.14 Mc/s (19.82 m.),  
GSC 9.58 Mc/s (31.32 m.).

4-30 a.m. Big Ben. Chamber Music. The Pougnet-Morrison-Pini Trio : Jean Pougnet (Violin) ; Anthony Pini (Violoncello) ; Angus Morrison (Pianoforte). Jan Van der Gucht (Tenor).

Trio : Trio in C. K. 548 : (1) Allegro (2) Andante cantabile (3) Allegro (Mozart). Jan Van der Gucht : The White Peace (Arnold Baz), Shy One (Rebecca Clarke), Rybbedale (Balfour Gardiner), The Roadside Fire (Vaughan Williams).  
Trio : Trio in C minor, Op. 101 : (1) Allegro energico (2) Presto non assai (3) Andante grazioso (4) Allegro molto (Brahms).

5-20 a.m. "A Countryman's Diary," \* by A. G. Street.

5-35 a.m. A Folk-Song Recital by Eve Maxwell Lyte (Soprano) and Basil Parsons, (Baritone).

Eve Maxwell-Lyte : The Slender Boy (Welsh) (arr. Somervell), If All the Young Maidens (Irish) (arr. M. Graham), The Hebridean Milking Croon (arr. Kennedy Fraser), The Mouse's Wedding (Scottish Nursery Song) (arr. M. Graham). Basil Parsons : Four Old Somerset Folk Songs - Green Broom ; Admiral Bennbow ; The Little Turtle Dove ; Bingo (arr. Cecil Sharp). Eve Maxwell-Lyte : The Dear Companion (Appalachian) (arr. Cecil Sharp), Kind Fortune (Newfoundland) (arr. Olive Carey) Dance to your Daddy (Berkshire) ; Bridgewater Fair (Somerset) (arr. Cecil Sharp). Basil Parsons : The Mummers' Carol (Sussex) (arr. C. A. Lidger), The Poacher (Lincolnshire) (arr. Ernest Newton) Poor Old Horse (Warwickshire) ; Drink Old England Dry (Worcestershire) (arr. Cecil Sharp).

6-10 a.m. The News and Announcements.

Greenwich Time Signal at 6-15 a.m.

6-30 a.m. Close down.

TRANSMISSION 6.

The following frequencies will be used :  
GSD 11.75 Mc/s (25.53 m.), GSC 9.58 Mc/s (31.32 m.).

7-30 a.m. Big Ben. "Club Room Conversations." \*

7-47 a.m. Light British Music. The J. H. Squire Celeste Octet. Helen Alston, (Songs at the Piano-forte).

Octet : Phil the Fluter's Ball (Percy French, arr. Gilbert Stacey), Sleepy Eyes (Godfrey), Blue Chords (Elmer), Helen Alston : A Brisk Young Sailor Courted me (Trad., arr. Alfred Moffatt), A Boy's Song (Michael Diack), Maureen (Irish Cradle Song) (Hugh Robertson), Octet : Fantasy on Canadian Airs, The Maple Leaf (Gilbert Stacey), Green Lawns (Welsh Folk Tune) (Idris Lewis), Helen Alston : Opinions ; Frustration ; Thinking ; Mr. Ponsoby ; Fame (Helen Alston). Octet : Two Movements from the Suite Othello : (1) Willow Song (2) Military March (Coleridge-Taylor).

8-32 a.m. "Empire Mail Bag," No. 5. \* Compiled and presented in living form by Cecil Madden.

9-10 a.m. The News and Announcements.

Greenwich Time Signal at 9-15 a.m.

9-30 a.m. Close down.

TRANSMISSION 1.

The following frequencies will be used :  
GSD 11.75 Mc/s (25.53 m.), GSB 9.51 Mc/s (31.55 m.).

10-0 a.m. Big Ben. Variety. Claude Hulbert and Bobby Comber. \*

10-17 a.m. Dance Music. †

10-30 a.m. "Fire at Sea," \* by Jerry Nunn.

10-45 a.m. The B.B.C. Empire Orchestra; leader, Daniel Melsa ; conductor, Eric Fogg.

Overture, A Night in Venice (Johann Strauss). Selection, The Rebel Maid (Montague Phillips). Reverie du soir : Marche militaire (Suite, Algerienne) (Saint-Saens). Dream Poem, Romance of the Prairie Lilies (Coleridge-Taylor) Alla polacca (Mignon). Suite, Impressions provencales Op. 78 : (1) Lou carnaval (2) Cache-cache (3) Danse de Magali (4) Tendresse (5) Les Tambourinaires (Brun).

11-40 a.m. The News and Announcements.

Greenwich Time Signal at 11 45 a.m.

12-0 noon. Close down.

TRANSMISSION 2.

The following frequencies will be used :  
GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.).

4-30 p.m. Big Ben. "To People who have Gardens." A programme of songs and duets. Winifred Bury (Soprano). Henry Cummings (Baritone). Presented by Douglas Moodie.

5-0 p.m. "A Countryman's Diary," \* by A. G. Street.

5-15 p.m. Scottish Children's Hour. "Four-Footed Follies." The Aberdeen Animals present their popular Pierrot Party, with Harry Gordon, the Laird o' Invernecky.

6-0 p.m. The Commodore Grand Orchestra, directed by Harry Davidson. From the Commodore Theatre, Hammersmith.

Greenwich Time Signal at 6-30 p.m.

6-30 p.m. The News and Announcements.

6-50 p.m. All-England Lawn Tennis Club Championship Meeting. Running commentaries by Colonel R. H. Brand and Captain H. B. T. Wakelam. From the Centre Court, Wimbledon.

7-15 p.m. Close down.

TRANSMISSION 3.

The following frequencies will be used :  
GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.),  
GSF 15.14 Mc/s (19.82 m.).

7-30 p.m. Big Ben. All-England Lawn Tennis Club Championship Meeting. Running commentaries by Colonel R. H. Brand and Captain

H. B. T. Wakelam, from the Centre Court, Wimbledon.

9-25 p.m. The News and Announcements.

Greenwich Time Signal at 9-30 p.m.

9-45 p.m. Dance Music. Maurice Winnick and his Orchestra.

10-30 p.m. Close down.

TRANSMISSION 4.

Three of the following frequencies will be used :  
GSG 17.79 Mc/s (16.86 m.), GSI 15.26 Mc/s (19.66 m.),  
GSF 15.14 Mc/s (19.82 m.), GSD 11.75 Mc/s (25.53 m.),  
GSB 9.51 Mc/s (31.55 m.).

10-45 p.m. Big Ben. The Children's Hour. \* "How the Wireless Came to Toytown," by S. G. Hulme Beaman, with incidental music played by the Gershom Parkington Quintet.

Greenwich Time Signal at 11-30 p.m.

11-30 p.m. The News and Announcements.

11-50 p.m. John Reynders with his Orchestra. Patricia Rossborough (Pianoforte).

Orchestra : Love in Arcady (Haydn Wood), Mon Bijou (Lepaige), The Love Dance (Hoschna), The Shepherd's Idyll (Haines). Floatin' Down to Cotton Town (Klickmann). Patricia Rossborough : Solos.

12-15 a.m. "Fire at Sea," \* by Jerry Nunn.

12-30 a.m. A Programme of New Gramophone Records.

1-0 a.m. Variety.

2-0 a.m. A Pianoforte Interlude by Betty Ayliffe.

Doctor Gradus ad Parnassum (Debussy). April ; Capriccio No. 2 in F sharp minor (Frank Bridge).

2-10 a.m. The News and Announcements.

2-30 a.m. A Recital of Songs and Duets by Sophie Rowlands (Soprano), and Tom Kinniburgh (Bass).

Sophie Rowlands and Tom Kinniburgh : Still as the Night (Goetz), Sophie Rowlands : The Stars (Montague Phillips), Everywhere I Go (Easthope Martin), A Birthday (Huntingdon Woodman), Sophie Rowlands and Tom Kinniburgh : At Love's Beginning (Liza Lehmann), Tom Kinniburgh : Hatfield Bells (Easthope Martin), The Lute Player (Allitsen), The Brightest Day (Easthope Martin), When Dull Care (arr. Lane Wilson), Sophie Rowlands and Tom Kinniburgh : In a Garden of Roses (Sanderson).

3-0 a.m. Henry Hall's Hour.

Greenwich Time Signal at 3-30 a.m.

4-0 a.m. Serenade. †

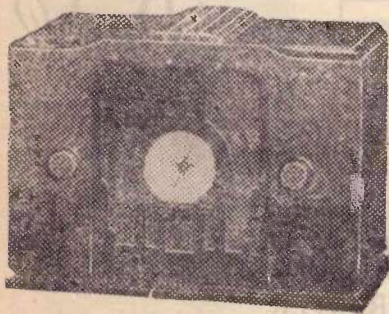
4-15 a.m. Close down.

\*Electrical recording. † Gramophone records.

FOR FOREIGN PROGRAMMES

See Pages 677 and 678.

All Times are given in Indian Standard Time.



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SUNDAY, 5th JULY 1936.

Delhi

VUD 340.136 metres, 882 kc/s.

TRANSMISSION I.

- 8-0 a.m. Time Signal.  
*Bhajan* by AFZAL HUSAIN of Nagina.  
 8-10 a.m. A. I. R. Orchestra. *Sehra Punnukhaelan.*  
 8-20 a.m. Fazl Ahmad Khan.  
 (a) "Rat piya bin nind na ai." *A Thumri.*  
 (b) Ghazal.  
 "Apni faryad ka bigra hua ik saz hun main  
 Qalb-i-mayus ki baithi hui awaz hun main."  
 8-45 a.m. Talk (*Hindustani*): "The Origin of Customs."  
 By A. HAFIA KHAWAJA.  
 9-0 a.m. Afzal Husain. *Khayal Bhairon.*  
 9-10 a.m. Haidar Husain. *Saraswati Veena. Surashter.*  
 9-20 a.m. Afzal Husain. "*Suhbat-i-Doshin.*"  
 "Saghar uska muskurana yad hai  
 Muskura kar jhenp jana yad hai." (*Saghar*).  
 9-40 a.m. P. S. Mukerji. *Sarod. Jonpuri.*  
 9-45 a.m. Budhan Khurshid Bai. *Ghazals.*  
 10-0 a.m. A B.B.C. Recorded Programme.  
 "Irish Bulbuls."  
 A Programme of Irish Songs and Melodies compiled  
 and produced by GORDON MCCONNELL.  
 11-0 a.m. Close down.

TRANSMISSION II.

- 1-0 p.m. Time Signal.  
 Indian Recorded Music.  
 2-0 p.m. Close down.

TRANSMISSION III.

- 6-0 p.m. Time Signal.  
 A. I. R. Orchestra. *Tankika.*  
 6-10 p.m. Fazl Ahmad Khan.  
 "Jazba-i-shoaq se main fitrat-i-parwana banun  
 Soz-i-hasti ke liye shama ka diwana banun."  
 6-20 p.m. 1st News Bulletin (*Hindustani*).  
 6-30 p.m. 1st News Bulletin. (*English*).  
 6-40 p.m. Afzal Husain. *Khayal Marwa.*  
 6-50 p.m. Jiwani. *Clarinet.*  
 Sardar. *Violin.*  
 Tufail. *Tabla.* } *Gauri.*  
 6-55 p.m. Budhan Khurshid Bai. *Thumri.*  
 7-5 p.m. Fazl Ahmad Khan.  
 "Zabt se josh-i-janun apna chhupae na bane  
 Yeh woh jazbah hai keh bin hashr uthae na bane."  
 7-15 p.m. Karrar Husain. *Jaltrang. Adama Malhar.*  
 7-20 p.m. Afzal Husain.  
 "Chubar-i-khatir-dildar hun main  
 Subuk jitna hun utna bar hun main." (*Majruh.*)  
 7-30 p.m. Budhan Khurshid Bai.  
 (a) *Khayal Bhopali.*  
 (b) *Thumri Khammaj.*  
 7-45 p.m. "For Villagers Only."  
 8-45 p.m. Talk (*Hindustani*): "Nature in Sanskrit Poetry."  
 By HABIBUR RAHMAN SHASTRI.

- 9-0 p.m. A. I. R. Orchestra. (*Indian Serenade*). "Zer-i-Diwar."  
 9-15 p.m. Fazl Ahmad Khan.  
 "Madani binan nan we chain" *Thumri.*  
 9-25 p.m. Budhan Khurshid Bai. *Ghazal.*  
 9-35 p.m. Afzal Husain. "Najarria lagi re more Ram."  
*Thumri*  
 9-45 p.m. 2nd News Bulletin. (*Hindustani*).  
 10-0 p.m. 2nd News Bulletin (*English*).  
 \*10-15 p.m. Talk (*English*): "The Rise and Growth of  
 English Liberty."  
 By OLIVER STEBBINGS.  
 \*10-30 p.m. An Orchestral Programme.  
 By His Excellency the Viceroy's Orchestra.  
 (By the kind permission of His Excellency the  
 Marquess of Linlithgow.)  
 Directed by Lt. C. H. FENNER, M.B.E., L.R.A.M.  
 OVERTURE "Lucio Silla" - - - Mozart.  
 Reminiscences of Offenbach - - - Arr. Ansell.  
 SUITE DE  
 BALLET "Hermione" - - - Rondelle.  
 (1) "Danse des Coryphees."  
 (2) "Valse Lente."  
 (3) "Pizzicato."  
 (4) "Danse des Cymbales."  
 WALTZ "Geschichten aus dem Wiener  
 Wald" - - - Strauss.  
 Sea Pictures—  
 (1) "In Haven" - - - } Elgar.  
 (2) "Where corals lie" - - - }  
 SELECTION FROM  
 THE OPERA "Die Meistersinger Von  
 Nurnberg" - - - Wagner.  
 11-30 p.m. Close down.

\*Relayed from our Simla Studio.

Bombay

VUD 350.9 metres, 855 kc/s.

- 10-30 a.m. Light Music.  
 TARABAI of Gadag.  
 With Studio Orchestra.  
 11-30 a.m. "Masino Mako".  
 A Gujerati Musical Comedy.  
 Written by Late Mr. PIJAM.  
 Directed by JEHANGIR MASTER.  
 1-0 p.m. A Studio Concert.  
 Isabell Rawson, *Soprano.*  
 The Radio Quartet.  
 MARCH "The Cosack and the  
 Nightingale" - - - Brodsky.  
 OVERTURE "The Sailors" - - - Flotow.  
 Isabell Rawson.  
 "What do you do, Sunday, Mary?" - - - Stephen Jones.  
 (From Musical Comedy "Poppy.")  
 "Say that you love me" - - - Horatio Nicholls.  
 "Spanish Eyes" - - - Ray Noble.  
 The Quartet.  
 WALTZ "Morning Papers" - - - Strauss.  
 Dominic J. Pereira.  
 VIOLIN SOLO "Romanian Air and Gipsy  
 Dance" - - - Sammons.  
 Joseph DeLima.  
 "Danse Creli" - - - Chamind  
 Isabell Rawson.  
 "Love there is my heart" - - - Leo Sitesu.  
 "Rivera Rose" - - - Horatio Nicholls.  
 "Tea for Two" - - - Vincent Youman.  
 The Quartet.  
 SELECTION "Herzau Herz" - - - Weninger.  
 INTERMEZZO "Chattering" - - - Gabriel-Marie.  
 SLAVONIC DANCE - - - Doorak.  
 2-15 p.m. Close down.  
 5-0 p.m. Light Classical Music.  
 AZMAT HUSSEIN of Delhi.  
 With *Sarangi, Harmonium and Tabla.*

- 6-30 p.m. Relay from the Afghan Memorial Church, Colaba.  
 7-30 p.m. Talk: "Listeners' Letters".  
 By ANEM.  
 7-40 p.m. The Yeomen of the Guard.  
 A Recorded Programme.  
 9-0 p.m. News in English.  
 9-10 p.m. News in Hindi.  
 9-20 p.m. Light Music.  
 VATSALABAI PARWATKAR.  
 10-15 p.m. Ahmed Dilawar in *Gazals and Quwalis.*  
 Accompanied by the Studio Orchestra.  
 11-0 p.m. Close down.

Calcutta

VUC 370.4 metres, 810 kc/s. 49.10 metres, 6,109 kc/s.

- 8-36 a.m. Time Signal.  
 Instrumental Music by GOPAL CHANDRA GHARUI.  
*Sanai Solo.*  
 8-51 a.m. Vocal Music (*Bengali*).  
 NILIMA BHATTACHARYA—*Light Classical.*  
 9-11 a.m. MAUD COSTELLO—*Light.*  
 9-21 a.m. DWIJEN BANERJEE—*Religious.*  
 9-41 a.m. HARIMATY—*Light.*  
 10-1 a.m. SACHIN DAS—*Classical.*  
 10-31 a.m. Talk: "Stage and Screen." By SPECTATOR  
 10-51 a.m. Musical Selections from the Studio (Recorded).  
 SB  
 11-6 a.m. Robert Pikler and His Hungarian Orchestra.  
 SB  
 Morning Musical Concert.  
 Relayed from "Firpo's" Restaurant.  
 (By kind permission of the Management.)  
 Summary of News in English.  
 1-6 p.m. Time Signal.  
 Close down.  
 6-6 p.m. Church Service relayed from St. Paul's  
 SB  
 Cathedral.  
 7-21 p.m. Talk: "Philosophy of Music."  
 By SURESH CHAKRAVARTY.  
 7-36 p.m. "Lightning and Cloud."  
 A Chain of songs with short dialogues compiled  
 by BELLA HALDER and BANI KANTA GUHA.  
 8-51 p.m. News in Bengali.  
 SB  
 9-6 p.m. News in English.  
 SB  
 9-21 p.m. Violin Solos—Selected (Recorded).  
 SB  
 By YEHUDI MENUHIN.  
 9-36 p.m. Time Signal.  
 Close down.

Is *Delhi* a Dud?  
 see page 642

All Times are given in Indian Standard Time.

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SUNDAY, 5th JULY 1936.

**B. B. C.**

**TRANSMISSION 5.**

The following frequencies will be used :

GSP 15.31 Mc/s (19.60 m.), GSF 15.14 Mc/s (19.82 m.),  
GSC 9.58 Mc/s (31.32 m.).

- 4-30 a.m. **Big Ben. "This Tennis Racket."\*** Service by John Pudney.
- 5-0 a.m. **A Recital by Irene Crowther (Pianoforte).**  
Two Choral Preludes: Mortify us by Thy Grace (Bach, arr. Walter Rummel), Awake, the Voice Commands (Bach, arr. Busoni), Study in E, La Chasse (Paganini-Liszt), Berceuse (Chopin), Jeux d'eau (The Fountain) (Ravel), Capriccio in F sharp minor (Frank Bridge).
- 5-25 a.m. **All-England Lawn Tennis Club Championship Meeting. Running commentaries\* by Colonel R. H. Brand and Captain H. B. T. Wakelam, from the Centre Court, Wimbledon.**
- 6-10 a.m. **The News and Announcements.**  
*Greenwich Time Signal at 6-15 a.m.*
- 6-30 a.m. *Close down.*

**TRANSMISSION 6.**

The following frequencies will be used :

GSD 11.75 Mc/s (25.53 m.), CSC 9.58 Mc/s (31.32 m.).

- 7-30 a.m. **Big Ben. The Salvationist Publishing and Supplies Brass Band; conductor, Captain Eric Ball.**  
March, Canada West (Carroll), Selection, Recollections (Catalinet), Cornet Solo, Maoriland (Soloist, Harry Dilley (Goffin), Air varie Sound out the Proclamation (Eric Ball), Meditation on the tune "Norwood" (Coles).
- 8-10 a.m. **"A Countryman's Diary,"\* by A. G. Street.**
- 8-25 a.m. **Gramophone Records.**
- 8-35 a.m. **"Cupid Plus Two."\*** A sentimental interlude on the Dumbledown Golf Links. The book by Charles Hayes; the lyrics by Alec MacGill and Charles Hayes; the music by George Barker. Production by William MacLurg.
- 9-10 a.m. **The News and Announcements.**  
*Greenwich Time Signal at 9-15 a.m.*
- 9-30 a.m. *Close down.*

**TRANSMISSION 1.**

The following frequencies will be used :

GSD 11.75 Mc/s (25.53 m.), GSB 9.51 Mc/s (31.55 m.).

- 10-0 a.m. **Big Ben. A Religious Service,\* from the Studio.** Conducted by John R. Mott, F.R.G.S., LL.D., President of the World's Alliance of the Y.M.C.A.
- 10-47 a.m. **A Pianoforte Interlude by John Wills.**  
Prelude in A (from Suite) (Dvorak), Toccata (Szgambati).
- 10-55 a.m. **All-England Lawn Tennis Club Championship Meeting. Running commentaries\* by Colonel R. H. Brand and Captain H. B. T. Wakelam, from the Centre Court, Wimbledon.**

- 11-40 a.m. **Weekly Newsletter, Sports Summary, and Announcements.**

*Greenwich Time Signal at 11-45 a.m.*

- 12-0 noon. *Close down.*

**TRANSMISSION 2.**

The following frequencies will be used :

GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.).

- 5-30 p.m. **Big Ben. All-England Lawn Tennis Club Championship Meeting. Running commentaries\* by Colonel R. H. Brand and Captain H. B. T. Wakelam, from the Centre Court, Wimbledon.**
- 6-17 p.m. **The Serge Krish Septet.**  
Aubade (Frison d'Aurore) (Troussat, arr. Krish), Mariottes (Krish), From my Country (Smetana, arr. Krish).  
*Greenwich Time Signal at 6-30 p.m.*
- 6-30 p.m. **Weekly Newsletter, Sport Summary, and Announcements.**
- 6-50 p.m. **Musical Interlude.†**
- 6-55 p.m. **A Short Religious Service,\* from the Studio.**  
Come, Holy Ghost, our Souls Inspire (A. and M., 157) When Two or Three (page 96), Psalm 119, vv. 129-136, Matthew V, 27-37. Gracious Spirit, Holy Ghost (A. and M., 210).
- 7-10 p.m. **Envoi.†**
- 7-15 p.m. *Close down.*

**TRANSMISSION 3.**

The following frequencies will be used :

GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.),  
GSF 15.14 Mc/s (19.82 m.).

- 7-30 p.m. **Big Ben. A Recital of English Songs by Anne Wood (Contralto).**  
Loveliest of Trees (Somervell), Blow, Blow, thou Winter Wind (Roger Quilter), I Know a Bank (Martin Shaw), Love is a Bable (Hubert Parry), Her Song (John Ireland), Bright Cap (Voeran).
- 7-50 p.m. **London Scenes—6: The River, by James Jones.**
- 8-5 p.m. **Reginald King and his Orchestra.**  
Petite Suite: (1) Fanitil (2) Mazurka (3) Serenade (4) Caprice (5) Butterflies (Ole Olsen), A Wayside Melody (Frank Tapp), Portrait of a Toy Soldier (Montague Ewing), Selection of Songs (Sanderson), Song of Paradise (Reginald King), Barnsley Fair (Arthur Wood).
- 8-30 p.m. **A Religious Service (Church of Scotland),\* from South Leith Church.**  
*Order of Service:* Psalm 24, vv. 7-10 (Tune, St. George's, Edinburgh), Prayer, Hymn, Praise my Soul, the King of Heaven (Rv. C. H., 21; A. and M., 298), Lesson, Prayer, Hymn, Lead us, Heavenly Father, Lead us (Rv. C.H., 563; A. and M., 281), Address by the Rev. Donald Davidson, B.D., B.Litt., Ph.D., Paraphrase No. 60 (Tune Salzburg), The Blessing, Organist, W. Gilchrist Cochrane.
- 9-20 p.m. **Musical Interlude.†**
- 9-25 p.m. **Weekly Newsletter, Sports Summary, and Announcements.**  
*Greenwich Time Signal at 9-30 p.m.*

- 9-45 p.m. **The B.B.C. Orchestra (Section C), conducted by Warwick Braithwaite. Stuart Robertson (Baritone).**

Orchestra: Overture: Britannia (Mackenzie), Suite, Impressions de plein air: (1) Clair delune (2) Idylle matinale (3) Paysage (4) Au pays de neige (Danse des promiss) (Wormser), Stuart Robertson and Orchestra: Song Cycle, The Bad Child's Book of Beasts: (1) The Yak (2) The Lion (3) The Tiger (4) The Whale (5) Hippopotamus (6) The Dodo (7) The Big Baboon (8) The Frog (Hely-Hutchinson), Orchestra: Two Pieces: Melody; a l'Espagnole (Cowen).

- 10-30 p.m. *Close down.*

**TRANSMISSION 4.**

Three of the following frequencies will be used :

GSG 17.79 Mc/s (16.86 m.), GSI 15.26 Mc/s (19.66 m.),  
GSF 15.14 Mc/s (19.82 m.), GSD 11.75 Mc/s (25.53 m.),  
GSB 9.51 Mc/s (31.55 m.).

- 10-45 p.m. **Big Ben. Around the Counties, No. 1.\* "Men of Kent and Kentish Men."**  
"O famous Kent,  
What county hath this isle that can compare with thee?"  
The programme devised and produced by William MacLurg.
- 11-20 p.m. **The Commodore Grand Orchestra, directed by Harry Davidson.**  
Overture, Die Tanzerin Fanny Elssler (Johann Strauss, arr. Oskar Stalla), Pierrette by the Stream (Ewing).  
*Greenwich Time Signal at 11-30 p.m.*
- 11-30 p.m. **Weekly Newsletter, Sports Summary, and Announcements.**
- 11-50 p.m. **A Recital by Zoltan Szekeley (Violin) and Sarah Fischer (Canadian Soprano).**  
Zoltan Szekeley: Praeludium und Fuge in G minor (Reger) Suite Espagnole: Vieille Castille; Murcienne; Catalane; Andalousse (Nin), Sarah Fischer: Dein blaues Auge; An ein Veilchen; Meine Liebe ist grün (Brahms), Dream Song (Hely-Hutchinson), Wind's Work (Arthur Benjamin), Zoltan Szekeley: Nocturne (Chopin-Sarasate), Valse bluette (Drigo-Tuer), Hungarian Dance (Brahms-Joachim).
- 12-25 a.m. **A Religious Service (Church of England), from Truro Cathedral.**  
The Bells, *Order of Service:* Hymn, Hail, Gladdening Light (A. and M., 18), Prayers, Psalm cxxii, Lesson, Romans viii, 14-28—Nunc Dimittis (Tone, V. Morley), Address by the Right Rev. the Lord Bishop of Truro, Anthem, O Lord, my God (Wesley), Prayers, Hymn, Sun of my Soul (A. and M., 24; E.H., 274), Blessing, Organist, F. G. Ormond.
- 1-15 a.m. **Talks Feature.\***
- 1-30 a.m. **The B.B.C. Theatre Orchestra.**
- 2-10 a.m. **Weekly Newsletter (Second Reading), Sports Summary, and Announcements.**
- 2-30 a.m. **A Recital by Adolph Hallis (South African Pianist).**  
Three Sonatas: (1) in B minor (2) in C (3) in A (Scarlatti), Three Studies, Op. 10: (1) in F (2) in F minor (3) in G flat (Chopin).
- 2-45 a.m. **"Erasmus." A programme showing a great man's influence on his own and succeeding generations. Produced by Felix Felton.**
- 3-15 a.m. **Operatic Music.†**  
*Greenwich Time Signal at 3-30 a.m.*
- 4-0 a.m. **Epilogue.\* "Found Faithful."**  
Psalm xv, Matthew xxv, 14-30, The Head that Once was Crowned with Thorns (A. and M., 301), Luke xvi, 10 and 11.
- 4-15 a.m. *Close down.*

\* Electrical recording.

† Gramophone records.

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MONDAY, 6th JULY 1936.

Delhi

VUD 340.136 metres, 882 kc/s.

TRANSMISSION I.

- 8-0 a.m. *Time Signal.*  
**Shri Bhagvat Geeta** by PANDIT BRIJ BHUSHAN.  
 8-10 a.m. **A.I.R. Orchestra.** *Sorashat.*  
 8-20 a.m. **Allah Bandi** of Hindaon.  
 "Abla ri uma mose bol bol." (*Kyahal Deshkar.*)  
 8-30 a.m. **Barkat Ali Khan** of Lahore.  
 "Ratiyan kidhar ganwai balam harjai." (*Thumri Bhairvin.*)  
 8-45 a.m. **Story (Hindustani): "My Story."**  
 By KUMARI SATYA WATI.  
 9-0 a.m. **Malang Khan.** *Vichitra Veena—Prabhavati.*  
 9-10 a.m. **Pandit Brij Bhushan.** *Dhurpad Bhairon.*  
**Malang Khan.** *Pikhawaj.*  
 9-25 a.m. **Ghulam Sabir.** *Sarangi—Bhairvin.*  
 9-35 a.m. **Allah Bandi** of Hindaon.  
 "Garwa main sang lage." (*Khayal Todi Mian Khan.*)  
 9-45 a.m. **P. S. Mukerji.** *Sarod—Asawri.*  
 9-50 a.m. **Barkat Ali Khan** of Lahore.  
 "Usko sikhlai yeh jafa tune  
 Kia kiya ae miri wafa tune." (*Mir Dard.*)  
 10-0 p.m. *Close down.*

TRANSMISSION II.

- 1-0 p.m. *Time Signal.*  
**Indian Recorded Music.**  
 2-0 p.m. *Close down.*

TRANSMISSION III.

- 6-0 p.m. **A.I.R. Orchestra.** *Bhadaduri Todi.*  
 6-10 p.m. **Pandit Brij Bhushan.** *Bhajan Surdas.*  
 6-20 p.m. **1st News Bulletin.** (*Hindustani.*)  
 6-30 p.m. **1st News Bulletin.** (*English.*)  
 6-40 p.m. **Allah Bandi** of Hindaon.  
 "Gauwan ke charwayya." (*Khayal Puria.*)  
 6-55 p.m. **Barkat Ali Khan.**  
 "Kaise kate mori suni sijariya." (*Nakta.*)  
 7-5 p.m. **Malang Khan.** *Vichitra Veena—Hans Narain.*  
 7-15 p.m. **Pandit Brij Bhushan.** *Dhurpad.*  
 7-30 p.m. **Allah Bandi** of Hindaon.  
 "Guru bin kaise gun gawe." *Khayal Aiman.*  
 7-40 p.m. **P. S. Mukerji** - *Viola*  
**Sardar** - *Violin* } *Bhopali.*  
**Tufail** - *Tabla*  
 7-45 p.m. **"For Villagers Only."**  
 8-45 p.m. **Talk (Hindustani): "Dara Shikoo."**  
 By AZHAR ALI.  
 9-0 p.m. **"Flute of the hills."** With commentary.  
 9-10 p.m. **Allah Bandi** of Hindaon.  
 (a) "Aj nandiyah baeran bhai." (*Thumri Tilang.*)  
 (b) "Shab-i-furqat men yad us bekhabar ki bar  
 bar ai  
 Bhulana ham ne bhi chaha magar beikhtiyar  
 ai." (*Hasrat Mohani.*)

- 9-27 p.m. **Barkat Ali** of Lahore.  
 (a) "Rat sayyan nahin ae ghazab hai." (*Dadra.*)  
 (b) "Hur men masti kahan jo tere mastane men  
 hai."  
 9-45 p.m. **2nd News Bulletin.** (*Hindustani.*)  
 10-0 p.m. **2nd News Bulletin.** (*English.*)  
 \*10-15 p.m. **Talk (English): "Rickshaws and Coolies."**  
 By Major W. H. CRICHTON, I.M.S.  
 10-30 p.m. **A Studio Concert.**  
 STANLEY GOMEZ - *Violin.*  
 FREDA FRANKLIN - *Pianoforte.*  
 RUPERT C. INCE - *Tenor.*  
**Stanley Gomez.**  
 5th movement from *Symphonic Espagnole* Edward Lalo.  
**R. C. Ince.**  
 "Mother Machree" - C. Olcott.  
**Freda Franklin.**  
 Prelude ("Raindrops") - Chopin.  
 Waltz Op. 64, No. 2 - Chopin.  
**Stanley Gomez.**  
 "Caprice Viennois" - Kreisler.  
 "Ave Maria" - Schubert.  
 "Brindisi Valse" - D. Alard.  
**Thelma Barron and Rupert Ince.**  
 (Vocal Duet.)  
 "Come Silver Moon" - Arr. M. Besly.  
 (Londonderry Air.)  
**Freda Franklin.**  
 "Nocturne" in E flat - Chopin.  
 Fantasia Impromptu - Chopin.  
**R. C. Ince.**  
 "Maire, my girl" - G. Aitken.  
 "Valse" (Farewell) - K. Russell.  
**Stanley Gomez.**  
 Last movement from concerto in E Minor Mendelssohn.  
 11-30 p.m. *Close down.*

\*Relayed from our Simla Studio.

Bombay

VUB 350.9 metres, 855 kc/s.

- 11-30 a.m. **Selection of Indian Music.**  
 (This will be a Request Programme).  
 1-0 p.m. **Available Market Rates.**  
**European Lunch Hour Selections.**  
 2-0 p.m. *Close down.*  
 5-0 p.m. **Relay of Indian Music** from the Wellington Cinema.  
 (By kind permission of the Management).  
 6-0 p.m. **Talk (Marathi): "Ideal of Young Men"**  
 CHANDRAKALA HATE.  
 6-15 p.m. **Light Music.**  
 VENUBAI DEVASTALI.  
 7-0 p.m. **Shree Bhagwat Geeta Pravachan.**  
 PANDIT LAXMANRAO OGHALE.  
 7-15 p.m. **A Recital of East Indian Songs.**  
 F. P. GONSALVES.  
 Mothenchi neau me kaiaam - (Groupe).  
 Aye Bava - (Duet).  
 Mai Mai Kaim me - (Solo).  
 Chal Bagin Lily - (Groupe).  
 Accompanied by ORIENTAL SYNCOPATORS.  
 Conductor: M. ALPHONSO.  
 8-0 p.m. **Commercial News and News in Hindi.**  
 8-25 p.m. **Light Music.**  
 SANGIT BHASKAR MASTER VASANT.  
 9-0 p.m. **Ashalata and Anil Biswas.**  
 In Songs with Orchestra.

- 9-30 p.m. **News in English.**  
 9-45 p.m. **Talk: "What Wild Animals can Teach the  
 Soldier—Lessons in Attack and Defence"**  
 By STANLEY JEPSON.  
 10-0 p.m. **The Viennese Orchestra**  
 (Under Erwin Klein)  
**In a Programme of Viennese Music.**  
 MARCH - "Freiherr Von Schoenfeld" C. M. Ziehrer.  
 WALTZ - "Blue Danube" J. Strauss.  
 POTPOURRI - "Viennese Specialities" V. Hruby.  
 SONG - "Wien du Stadt Meiner  
 Traume" Steczynski.  
 TANGO - (a) "Cafe in Vienna" Brodzki.  
 (b) "Your are my heart's  
 delight" F. Lehar.  
 POTPOURRI - "Singer .. meeting in  
 Vienna" B. Silving.  
 MARCH - "Vienna .. remains  
 Vienna" J. Schrammel.  
 11-0 p.m. *Close down.*

Calcutta

VUC 370.4 metres, 810 kc/s. 49.10 metres, 6,109 kc/s.

- 12-36 p.m. *Time Signal.*  
**SB A Light Orchestral Programme from the  
 Studio.**  
**Charles Campbell and His Orchestra.**  
 OVERTURE - "The Magic Flute" Mozart.  
 TRIO FOR PIANO, VIOLIN  
 AND CELLO - "Spanish Tanze" Mozskowski.  
 SELECTION - "Rose Marie" R. Friml.  
 VIOLIN SOLO BY ROQUE  
 FERNANDES - (Georg Friedrich)  
 "Sonate" - Handel (1685-1759) - A. Moffat.  
 PASO DOUBLE - "In Ravens" - Hans May.  
 Calcutta Weather Bulletin for Oeancraft and  
 Rivercraft (if any.)  
 1-6 p.m. **The Latest Dance Music Selections.**  
 By CHARLES CAMPBELL and His Orchestra.  
 1-36 p.m. **Talk: "Exploring the Stratosphere."**  
 By NRIPEN CHATTERJEE.  
 2-6 p.m. **Vocal Music (Bengali.)**  
 Humorous Duet by USHABATY and RANJIT ROY.  
 2-21 p.m. **MANINDRA CHAKRAVARTY—Religious.**  
 2-36 p.m. **Kathakata** by RAMRATAN VYAKARANATIRTHA.  
 3-6 p.m. *Time Signal.*  
*Close down.*  
 5-36 p.m. *Time Signal.*  
**Musical Selections (Recorded).**  
 6-6 p.m. **Talk: "Village Welfare Competition."**  
 By Dr. J. R. MAZUMDAR.  
 6-26 p.m. **Modern Bengali Song** by DHIREN DAS.  
 6-36 p.m. **A Musical Entertainment** by the New Theatres,  
 Ltd., under the direction of R. C. BORAL. (To  
 be relayed from the Tollygunge Studio, by kind  
 permission of the Management.)  
 7-51 p.m. **News in English.**  
 8-6 p.m. **The "Vanda Concert Party."**  
**SB** With Con Aston in songs at the Piano.  
**A Light Vaudeville Programme from the  
 Studio.**  
 8-51 p.m. **Weather Forecast, General News Bulletin,  
 SB** Market Prices, Jute and Gunny Closing Rates.  
 (In Bengali.)  
 9-6 p.m. **Talk: "World Tourist's Diary."**  
**SB** By RAMNATH BISWAS—"Malaya Island."  
 9-21 p.m. **Vocal Music (Bengali.)**  
**SB** Bibhuti Datta—Light Classical.

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MONDAY, 6th JULY 1936.

- 9-36 p.m. BINAPANY II—Light.
- 9-51 p.m. Topical Talk : By CHITRA GUPTA.  
SB
- 10-6 p.m. Weather Forecast, 2nd News Bulletin, Market  
SB Prices, Jute and Gunny Closing Rates. (In  
English.)
- 10-21 p.m. Time Signal.  
Close down.

B. B. C.

TRANSMISSION 5.

The following frequencies will be used :

GSP 15.31 Mc/s (19.60 m.). GSF 15.14 Mc/s (19.82 m.).  
GSC 9.58 Mc/s (31.32 m.).

- 4-30 a.m. Big Ben. A Beethoven Recital by John  
Hunt (Pianoforte).  
Sonata in C minor, Op. 13 (Pathétique): (1) Grave—  
Allegro di molto e con brio (2) Adagio cantabile (3) Rondo,  
Allegro. Sonata in F sharp, Op. 78: (1) Adagio cantabile  
—Allegro ma non troppo (2) Allegro vivace.
- 5-0 a.m. A Short Religious Service,\* from the Studio.  
Come, Holy Ghost, our Souls Inspire (A. and M., 157).  
When Two or Three (Page 96). Psalm 119, vv. 129-136.  
Matthew V, 27-37. Gracious Spirit, Holy Ghost (A. and M.,  
210).
- 5-15 a.m. Music and Poetry of Pepys' Day.
- 5-45 a.m. A Recital of compositions and arrangements  
by Kreisler, played by Adila Fachiri (Violin).  
Larghetto (Weber). Moment musical (Schubert). Minuet  
(Porpora). Hymn to the Sun (Rimsky-Korsakov). Prælu-  
dium and Allegro (Pugnani). Variations on a Theme of Corelli  
(Tartini). La Chasse (Carter).
- 6-10 a.m. Weekly Newsletter, Sports Summary, and  
Announcements.  
Greenwich Time Signal at 6-15 a.m.
- 6-30 a.m. Close down.

TRANSMISSION 6.

The following frequencies will be used :

GSD 11.75 Mc/s (25.53 m.). GSC 9.58 Mc/s (31.32 m.).

- 7-30 a.m. Big Ben. A Religious Service (Roman  
Catholic)\* from the Church of Our Lady and  
St. Joseph, Hanwell.
- 8-23 a.m. The New Georgian Trio.  
Gavotte: Gigue (Zipoli, arr. Bridgewater). Summer  
Afternoon (Eric Coates). Andante: Bacchanale (Hilse).
- 8-40 a.m. London Scenes—6: The River, by James  
Jones.
- 8-55 a.m. The New Georgian Trio (contd).  
Alla Gavotte (Sibelius). The Busy Bee (Bendix). Serenade  
(Pergament). Passepied (Delibes). Danse negre (Griffiths).
- 9-10 a.m. Weekly Newsletter, Sports Summary and  
Announcements.  
Greenwich Time Signal at 9-15 a.m.
- 9-30 a.m. Close down.

TRANSMISSION 1.

The following frequencies will be used :

GSD 11.75 Mc/s (25.53 m.). GSC 9.51 Mc/s (31.55 m.).

- 10-0 a.m. Big Ben. "Empire Mail-Bag," No. 5.\*  
Compiled and presented in living form by  
Cecil Madden.
- 10-40 a.m. London Scenes—No. 6: The River, by James  
Jones.
- 10-55 a.m. Seventeenth Century Contemporaries: the  
Music of Handel and Purcell. The B.B.C.  
Empire Orchestra; leader, Daniel Melsa;

conducted by Clifton Helliwell. Viola Morris  
(Australian Soprano). Victoria Anderson  
(Australian Contralto).

Orchestra: Overture herique; Minuet (Berenice) (Handel)  
Viola Morris, Victoria Anderson, and Orchestra: Come,  
Let us All a-Maying Go (Semele); Here Amid the Shad-  
Woods (Alexander Balus); O the Pleasure of the Plain<sup>y</sup>  
(Acis and Galathea) (Handel). Orchestra: Suite, The  
Virtuous Wife: (1) Overture (2) Slow Air (3) Hornpipe  
(4) Minuets I and II (5) Allegro (Purcell, arr. Holst);  
Viola Morris, Victoria Anderson, and Orchestra: The  
Search, The Moon Reappears (The Moon); Let the Fifes  
and the Clarions (The Fairy Queen) (Purcell). Orchestra;  
Occasional Overture (Handel).

11-40 a.m. The News and Announcements.

Greenwich Time Signal at 11-45 a.m.

12-0 noon.

Close down.

TRANSMISSION 2.

The following frequencies will be used :

GSH 21.47 Mc/s (13.97 m.). GSG 17.79 Mc/s (16.86 m.).

- 3-15 p.m. Big Ben. Tynwald Ceremony, from the Isle  
of Man.
- 4-45 p.m. Variety.†  
The Two Leslies: The New Sow (Sarony). Patricia  
Rossborough (Pianoforte): Selection, Rose Marie. Flotsam  
and Jetsam: Mrs. Peer Gynt (Flotsam, Jetsam). Benny  
Carter and his Orchestra: Singin' at Maida Vale (Carter).
- 5-0 p.m. The Whitby Municipal Orchestra; leader,  
Tom Jenkins; conductor, Frank Gomez.  
From the Spa, Whitby.  
Grand Fantasy, Le Masque de Beethoven (arr. Salabert).  
A Penny in the Slot (Ashworth Hope). Serenade (Les  
Millions d'Arlequin) (Solo Violoncello, M. Bartlett) (Drigo).  
Overture, La Scalla di Seta (Rosini). Harlequin Ballet:  
(1) Introduction and Waltz (2) Sprites' Dance (3) Harle-  
quinade (Gomez), If my Songs were Winged (Solo Violin,  
Tom Jenkins) (Hahn). Tarantelle, A Fete in Santa Lucia  
(Ferrari).
- 5-45 p.m. English Humorists—10.
- 5-55 p.m. Musical Interlude.†
- 6-0 p.m. "Raffles of Singapore." A study in dramatic  
form of the man, his life, and his work. The  
programme written by H. F. Banner, and  
produced by William MacLurg.  
Greenwich Time Signal at 6-30 p.m.

6-30 p.m. The News and Announcements.

6-50 p.m. Arthur Salisbury and his Orchestra, from the  
Savoy Hotel, London.

Selection, Madame Pompadour (Fall). Spring Song  
(Mendelssohn). Minuet (Paderewski). Lost (Ohman).

7-15 p.m.

Close down.

TRANSMISSION 3.

The following frequencies will be used :

GSH 21.47 Mc/s (13.97 m.). GSG 17.79 Mc/s (16.86 m.).  
GSF 15.14 Mc/s (19.82 m.).

- 7-30 p.m. Big Ben. Hampton Court Palace.\* A  
descriptive microphone visit and dramatic  
reconstruction, devised and written by S. E.  
Reynolds and Cecil Madden. Produced by  
Pascoe Thornton.  
Introducing: the Haunted Gallery; Wolsey's Closet; the  
Chapel Royal; the Clock Court; the Wine Cellars; the  
Horn Room; the Tudor Kitchens; the Royal Tennis Court;  
the Queen's Staircase. Music of the periods played  
by the B.B.C. Empire Orchestra; leader, Daniel  
Melsa; conductor, Eric Fogg, broadcasting from the  
Great Hall of the Palace. The Choir and Organ of  
the Chapel Royal. From Hampton Court Palace,  
Middlesex.
- 8-30 p.m. The Bolsover Colliery Band; conductor,  
Stanley Jenning.  
March, Amparito Roca (Texidor, arr. Winter). Selection, The  
Dollar Princess (Fall). Malinda's Fairy Bower (Ord Hume).  
American Fantasia, In Cooland (Bidgood). A Waltz Dream  
(Straus). Selection, Chorustime (arr. Pecorini).

9-15 p.m. Pianoforte Music.†

9-25 p.m. The News and Announcements.

Greenwich Time Signal at 9-30 p.m.

9-45 p.m. Walter Collins and his Light Orchestra.  
Clitheroe Fair (North of England Suite) (Walter Collins).  
Minuet in G (Paderewski). Green Lawns (Ildris Lewis).  
Punch and Judy (Ballet Suite) (Norman O'Neill). Kermesse  
(Durand). Air de Ballet (Walter Collins). Little Sabots  
(Percy Fletcher).

10-15 p.m. Kipling Reading.

10-30 p.m. Close down.

TRANSMISSION 4.

Three of the following frequencies will be used :

GSG 17.79 Mc/s (16.86 m.). GSI 15.26 Mc/s (19.66 m.).  
GSF 15.14 Mc/s (19.82 m.). GSD 11.75 Mc/s (25.53 m.).  
GSB 9.51 Mc/s (31.55 m.).

- 10-45 p.m. Big Ben. A Recital by Betty Humby (Piano-  
forte).  
Liebesleid (Kreisler, arr. Rachmaninov). Du und Du (Die  
Fledermaus) (Johann Strauss, arr. Dohnanyi).
- 11-0 p.m. Concert Party, from Blackpool.  
Greenwich Time Signal at 11-30 p.m.
- 11-30 p.m. The News and Announcements.
- 11-50 p.m. "Empire Mail-Bag," No. 5\*. Compiled and  
presented in living form by Cecil Madden.
- 12-30 a.m. The B.B.C. Dance Orchestra, directed by  
Hall.
- 1-15 a.m. Tynwald Ceremony,\* from the Isle of Man.
- 1-40 a.m. Musical Interlude.†
- 1-45 a.m. Rawicz and Landauer.
- 2-0 a.m. English Humorists—10.
- 2-10 a.m. The News and Announcements.
- 2-30 a.m. A Recital by Dorothy Clark (South African  
Contralto).  
Cherry Ripe (Cyril Scott). The Cloths of Heaven (Dunhill)  
In Memoriam (Rhea Silberta). Go Not, Happy Day  
Easter Hymn; Love Went a-Riding (Frank Bridge).
- 2-45 a.m. The B.B.C. Orchestra (Section C) conducted  
by Clarence Raybould. Richard Newton  
(Bassoon).  
Orchestra: Overture, Djamilah (Bizet). Four pieces from  
the incidental music to Ramuntcho: (1) La cidricie (2)  
Fandango (3) Le jardin de gracieuse (4) Rhapsodie basque  
(Pierre). Richard Newton and Orchestra: Suite-Concertino  
for bassoon solo, strings, and horns: (1) Notturmo (2)  
Strimpellata (3) Canzone (4) Finale (Wolf-Ferrari).  
Orchestra: The Saracens (Mac Dowell). Petite suite espagnole  
(1) Ausencia-Serenade (2) Habanera (3) Noche de Arabia—  
Intermezzo (4) Baile Andaluz (Arbos).  
Greenwich Time Signal at 3-30 p.m.
- 3-45 a.m. Dance Music. The Grosvenor House Dance  
Band, directed by Sydney Lipton. From  
Grosvenor House, Park Lane, London.
- 4-0 a.m. Dance Music† Popular hits of last year.
- 4-15 a.m. Close down.

\* Electrical recording. † Gramophone records.

FOR ALL  
FOREIGN  
PROGRAMMES

See Pages 677 and 678.

All Times are given in Indian Standard Time.

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**SYLVANIA**  
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TUESDAY, 7th JULY 1936.

Delhi

VUD 340.136 metres, 882 kc/s.

TRANSMISSION I.

- 8-0 a.m. *Time Signal.*  
Arti by A.I.R. Orchestra. (Chorus.)
- 8-10 a.m. **Zawwar Haidar.**  
"Kare badarwa ne gher lai aj". (Barsati Des.)
- 8-20 a.m. **Karim Husain of Jaipur.**  
"Gawan ki rat sakhi bhaorain kane men baeth rahi." (Thumri Bhairvin.)
- 8-30 a.m. **Gaohar Bai of Jaipur.** *Thumri Jogia.*
- 8-45 a.m. **Talk (Hindustani):** "Success in Business." By BRAHMANAND.
- 9-0 a.m. **Karim Husain.**  
"Ari mero nain chandat tu paindo." (Khayal Desi)
- 9-15 a.m. **Master Jiwani.** (Clarinet.)—*Gat Jonpuri.*
- 9-20 a.m. **Zawwar Haidar.**  
"Marghub mujh ko saqi dil se wuhi sabu hai. Pina haam jiska be ghul be wuzu hai."
- 9-30 a.m. **Haidar Husain.** *Saraswati Veena.—Bilawal.*
- 9-40 a.m. **Karim Husain.**  
"Naina lage sulge pariyan se bans charhi ban ki kaliyan se." (Tappa Zilla)
- 9-50 a.m. **Gaohar Bai of Jaipur.**  
"Allah Allah re parishani miri Zulf-i-janan bhi hai diwani miri." (Dagh.)
- 10-0 a.m. *Close down.*

TRANSMISSION II.

- 1-0 p.m. *Time Signal.*  
Indian Recorded Music.
- 2-0 p.m. *Close down.*

TRANSMISSION III.

- 6-0 p.m. *Time Signal.*  
A.I.R. Orchestra. Dhani.
- 6-10 p.m. **Zawwar Haidar.**  
Lago mora dhian sayyan sanware salune se." (Dadra Pitu.)
- 6-20 p.m. **1st News Bulletin.** (Hindustani.)
- 6-30 p.m. **1st News Bulletin.** (English.)
- 6-40 p.m. **Karim Husain.** *Gond Malhar.*
- 6-50 p.m. **Sabir.** *Sarangi.—Sarangi.*
- 6-52 p.m. **Sardar.** *Violin.—Bhim.*
- 6-54 p.m. **Ghulam.** *Dilruba—Pitu.*
- 6-56 p.m. **Haidar.** *Sitar—Kafi.*
- 6-58 p.m. **Jiwani.** *Clarinet—Sindhre.*
- 7-0 p.m. **Mukerji.** *Sarod—Multani.*
- 7-2 p.m. **Malang.** *Sur Bahar—Mian ki Todi.*

- 7-4 p.m. **A.I.R. Orchestra.** *Puria Dhanasri.*
- 7-8 p.m. **Gohar Bai.**  
"Shab tum jo bazm-i-ghair men anken chura gaye Khoe gae ham aese keh aghyar pa gaye." (Momin.)
- 7-20 p.m. **Malang Khan.** *Vichitra Veena—Mian ki Malhar.*
- 7-30 p.m. **Zawwar Haidar.**  
(a) "Mora saiyan sotaniyan ke dwar gayeo ri." (Thumri.)  
(b) "Thokar laga ke murdon ko tum ne jila diya Ijaz-i-lswi ka tamasha dikha diya."
- 7-45 p.m. **"For Villagers Only."**
- 8-45 p.m. **Talk.** (Hindustani): "The Rainy Season in Delhi." By KHWAJA ABDUL MAJEED.
- 9-0 p.m. **Karim Husain.**  
"Sajan surjan binan ghari na rahungi sangwa ne Chhado mora jauam jauam ke". *Thumri Tilak Kamod.*
- 9-10 p.m. **Gohar Bai.**  
(a) Mand.  
(b) Malhar.
- 9-25 p.m. **Karim Husain.**  
"Meen kaen alag bhojgwa kare hun Kar nonandia." *Khayal Sughrai.*
- 9-35 p.m. **Gaohar Bai.—**  
(a) "Jan par khela hun main mera jigar dekhna Ji na rahe ya rahe mujh ko idhar dekhna." (Mir Dard.)  
(b) Dadra.
- 9-45 p.m. **2nd News Bulletin.** (Hindustani.)
- 10-0 p.m. **2nd News Bulletin.** (English.)
- \*10-15 p.m. **Talk (English):** "Earthquakes in India." By A. M. HERDON.
- \*10-30 p.m. **Instrumental Concert, by Peter Mendoza and His Band.**  
OVERTURE - "Pique Dame" - - - Suppe.  
G R A N D E  
FANTASIE - "Manon Lescaut" - Puccini Arr. Tavan.  
WALTZ - "Die Romantiker" - Lanner.  
SELECTION - "The Gondoliers" - Sullivan.  
TRUMPET SOLO - "The Rosary" - Nevin.  
A M E R I C A N  
SUITE - "Yankiana" - Thurban.
- 11-30 p.m. *Close down.*

\*Relayed from our Simla Studio.

Bombay

VUB 350.9 metres, 855 kc/s. 31.36 metres, 9565 kc/s

- 1-0 p.m. Available Market Rates.  
European Lunch Hour Selections.
- 2-0 p.m. **A Variety.**  
JAYANT SHAH, *Bul-Bul-Tarang.*  
SONIBAI MULGAOKAR, *Vocal.*  
S. PALEKAR, *Violin Solo.*
- 3-30 p.m. *Close down.*

- 6-0 p.m. Relay of Music from Capitol Cinema. (By kind permission of the Management).
- 6-30 p.m. **A Light Orchestral Programme.**  
By THE RADIO QUARTET.  
Leader: DOMINIC PEREIRA.  
MARCH - "A Bunch of Roses" - Chapi.  
WALTZ - "A Beautiful Lady in Blue." - Coots.  
FANTASY - "Infant Dream" - Rust.  
RUSSIAN SONG - "Little Sleepy Fyes" - Ivanoff.  
TANGO - "My Gipsy" - Losas.  
INTERMEZZO - "Parade in the Fairy wood." - Noack.  
WALTZ - "Lovely Lady" - McHugh.  
RUMBA - "South American Joe" - Friend and Caesar.
- 7-45 p.m. **Talk:** "Bombay Cricketers." By FRANK TARRANT.
- 8-0 p.m. **John Watt and Henrik Ege**  
Presents: "It Seems only Yesterday."  
Music by HARRY S. PEPPER.  
(A B. B. C. Recorded Programme).
- 9-0 p.m. **News in English.**
- 9-10 p.m. **Commercial News and News in Hindi.**
- 9-30 p.m. **A Concert by Saraswatibai.**  
(SB from
- 10-0 p.m.) Assisted by V.U.B. Indian Orchestra.



SARASWATIBAI.

- 11-0 p.m. *Close down.*


Calcutta

VUC 370.4 metres, 810 kc/s. 49.10 metres, 6,100 kc/s.

- 12-38 p.m. *Time Signal.*  
S.B.  
A Studio Programme by Messrs. Taylor's Gramophone Saloon, ("H.M.V." Recording.)  
Stokowski and Philadelphia Orchestra.  
"Toccatina and Fugue in D Minor."


All Times are given in Indian Standard Time.

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48, CHURCHGATE STREET, FORT, : BOMBAY.

## TUESDAY, 7th JULY 1936.

## Peter Dawson.

"McPherson's Farewell."  
"Deep sea Mariner."

## Marek Weber's Orchestra.

"Chocolate Soldier."—Selection.  
The Phoenix Theatre Orchestra.  
"You were there."—Fox-trot.  
"The Family Album."—Waltz.

## Don George (Hawaiian).

"Song of the Islands."  
"My Isle of Golden Dreams."

## Robert Ashley (Baritone).

"Bird on the Wing."  
"With all my Heart."

## Paul Whiteman's Orchestra.

"When Day is Done."  
"Manhattan Serenade."

Calcutta Weather Bulletin for Océanraft and Rivercraft (if any).

- 1-36 p.m. Kathakata by CHARU KRISHNA VEDANTATIRTHA.  
2-6 p.m. Saregee Solo by MURARI MOHAN MISRA.  
2-26 p.m. Recorded Selections.  
2-36 p.m. Talk: "Indian Mythological Stories."  
By BISHNU SARMA.  
3-6 p.m. Time Signal.  
Close down.  
5-36 p.m. Time Signal.  
Children's Hour conducted by MEJDIDI.  
News and Notes.  
5-51 p.m. Talk: "Australasia's Topsy-turvy Creatures."  
6-11 p.m. Musical Selections.  
6-26 p.m. Tit-bits.  
6-36 p.m. Music Training for Beginners by P. K. MULLICK.  
7-6 p.m. Instrumental Music.  
HARIDAS GANGULY and Party—Mouth Organ.  
7-21 p.m. "On the Sea Beach."—Composed and directed  
by BANI KUMAR.  
Music by S. DATTA GUPTA.  
7-51 p.m. News in English.  
SB  
8-6 p.m. Classical Vocal Music by MAYA DEVI.  
SB  
8-21 p.m. Talk: "The Economic Problem of Bengal."  
By AMULYA KUMAR NAG.  
8-36 p.m. Religious Song by UTTARA DEVI.  
SB  
8-51 p.m. Weather Forecast, General News Bulletin, Market  
Prices, Jute and Gunny Closing Rates. (In  
Bengali).  
SB  
9-6 p.m. A Choral and Orchestral Concert from the  
Studio.  
SB  
Arranged and Directed by the Rev. T. H. CROXALL,  
Mus. Bac.  
10-6 p.m. Weather Forecast, 2nd News Bulletin, Market,  
Prices, Jute and Gunny Closing Rates. (In  
English).  
SB  
10-21 p.m. Dance Music (Recorded) from the Studio.  
SB  
10-36 p.m. Time Signal.  
Close down.

## B. B. C.

## TRANSMISSION 5.

The following frequencies will be used:  
GSP 15.31 Mc/s (19.60 m.). GSF 15.14 Mc/s (19.82 m.).  
GSC 9.58 Mc/s (31.32 m.).

- 4-30 a.m. Big Ben. The B.B.C. Empire Orchestra;  
leader, Daniel Melsa; conductor, Eric Fogg.  
The B.B.C. Singers. Arnold Matters (Aus-  
tralian Bass-Baritone).  
Orchestra: Overture, Tally Ho! (Ansell). Arnold Matters,  
Singers, and Orchestra: Songs of the Chase, Op. 13: (1)  
Prologue—Hymn to Diana (2) Waken, Lords and Ladies  
Gay (3) The Forester's Song (4) The Hunt is Up (5) The  
Song of the Chase (Leslie Woodgate). Orchestra: American  
Sketch, Down South (Myddleton), Virginia, A Southern  
Rhapsody (Haydn Wood). Arnold Matters, Singers, and  
Orchestra: Plantation Songs: (1) Kemo Kimo (2) Who's

dat a-Calling? (3) Li'l Liza Jane (4) De Old Folks at Home  
(5) Polly-Wolly-Doodle (arr. Stanford Robinson). Orchestra:  
Valsette, Wood Nymphs: Overture, The Merry-makers  
(Eric Coates).

- 5-30 a.m. Kipling Reading.\*  
5-45 a.m. Tynwald Ceremony,\* from the Isle of Man.  
6-10 a.m. The News and Announcements.  
Greenwich Time Signal at 6-15 a.m.  
6-30 a.m. Close down.

## TRANSMISSION 6.

The following frequencies will be used:  
GSD 11.75 Mc/s (25.53 m.). GSC 9.58 Mc/s (31.32 m.).

- 7-30 a.m. Big Ben. Jack Hart and his Band and  
Tommy Handley (Comedian).  
8-15 a.m. Talks Feature.\*  
8-30 a.m. A Recital by Margaret Tann-Williams  
(Contralto) and Dorothy Hildreth (Piano-  
forte).  
Dorothy Hildreth: Tango; Celestial Song, No. 3 (Stefan  
Bergman), Viennese Dance (Friedman-Gartner), Margaret  
Tann-Williams: Silent Noon; The Water Mill (Vaughan  
Williams), Dorothy Hildreth: Rondo in A minor (Mozart),  
Intermezzo in C (Brahms), Margaret Tann-Williams; There  
is a Ladye; I Know a Bank; Sweet Nightingale  
(Winifred Bury), Dorothy Hildreth: Etude in C sharp  
minor (Scriabin), Musical Box; Petite valse (Pouishnoff).  
9-10 a.m. The News and Announcements.  
Greenwich Time Signal at 9-15 a.m.  
9-30 a.m. Close down.

## TRANSMISSION 1.

The following frequencies will be used:  
GSD 11.75 Mc/s (25.53 m.). GSB 9.51 Mc/s (31.55 m.).

- 10-0 a.m. Big Ben. The B.B.C. Dance Orchestra,\*  
directed by Henry Hall.  
10-35 a.m. Sports Talk.\*  
10-50 a.m. A Recital by Richard Chugg (Australian  
Flautist) and Frederick Hall (Harp).  
Richard Chugg: Air de Varie (for Bass Flute) (Drouet,  
arr. E. Rofe), In Ireland (for Concert Flute) (Hamilton  
Harty), Frederick Hall: Barcarolle (Hasselmans), Echoes  
of a Waterfall (John Thomas), Richard Chugg: Canonetta  
(for Concert Flute) (Pierne), Le coucou (for Concert Flute)  
(Daquin, arr. E. Rofe), Flight of the Bumble Bee (Rimsky-  
Korsakov), Frederick Hall: Souvenir de Londres  
(Ubertur), Danse creole (Chaminade).  
11-15 a.m. Tynwald Ceremony,\* from the Isle of Man.  
11-40 a.m. The News and Announcements.  
Greenwich Time Signal at 11-45 a.m.  
12-0 noon. Close down.

## TRANSMISSION 2.

The following frequencies will be used:  
GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.).

- 4-30 p.m. Big Ben. The News Victoria Cinema Orches-  
tra, directed by Sydney Phaeay. From the  
New Victoria Cinema, Bradford.  
Selection, The Mikado (Sullivan). Wake up and Sing  
(Friend).  
4-45 p.m. "Agriculture in the British Isles: Summing  
Up," by the Rt. Hon. the Viscount Bledisloe,  
G.C.M.G., K.B.E.  
5-0 p.m. "Owt Abaht Owt."\* Final and Empire  
Number of the Northern Broadcast Magazine.  
5-30 p.m. British Dance Bands in British Numbers.†  
6-0 p.m. "Starlight," Number Ten. Interviews with  
famous stage people, and excerpts from their  
repertoires. No. 10: Edith Evans (the cele-  
brated actress).  
6-15 p.m. A Recital by Bernard Davis (Viola).  
Fugue (Tartini, arr. Kreisler). Rondino (Beethoven, arr.  
Kreisler). Serenade espagnole (Glazounov, arr. Kreisler).  
Praeludium and Allegro (Kreisler, Pugnani).  
Greenwich Time Signal at 6-30 p.m.  
6-30 p.m. The News and Announcements.  
6-50 p.m. The Birmingham Theatre Royal Orchestra;  
conductor, Sheridan Gordon. From the  
Theatre Royal, Birmingham.  
Selection, Catherine (Tchaikovsky, arr. Morgan). Sevilana  
(Ferrari's) Children's Ballet (Things to Come) (Bliss).  
Waltz, Taffeta (Solo Pianoforte, Albert Webb) (Sheridan  
Gordon). Daddy Long-Legs (Wright, arr. Arthur Wood).  
7-15 p.m. Close down.

## TRANSMISSION 3.

The following frequencies will be used:  
GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.),  
GSF 15.14 Mc/s (19.82 m.).

- 7-30 p.m. Big Ben. "Imperial Affairs," by H. V.  
Hodson.  
7-47 p.m. Harry Engleman's Quintet, with Vernon  
Adcock (Xylophone and Vibraphone).  
Tango, In Santa Margarita (Schmidseder). Quivery Quavers  
(Thomas). Cannon off the Cush (Solo Pianoforte, Harry  
Engleman) (Harry Engleman). Waltz, Mon bijou (My  
Jewel) (Lepaige), Kashmiri Song (Woodforde Finden).  
The Lido Girl (Joseph Engleman). Red Hearts (Simpson).  
Daddy Long-Legs (Wright). Paso doble, In Santa Fe  
(Winkler).  
8-15 p.m. "Island Story."\* A fantasia on insular themes,  
composed by Cedric Cliffe. Produced by  
John Pudney.  
8-45 p.m. Light Classical Concert. Eleanor Kaufman  
(Mezzo-Soprano). The British String Trio;  
Jessie Snow (Violin); Alan Bartlett (Violin);  
Ernest Tomlinson (Viola).  
The British String Trio: Tretto: Introduzione—allegro  
ma non troppo; Larghetto; Scherzo vivace; Tema con  
variazioni; Poco adagio—molto allegro (Dvorak). Eleanor  
Kaufman: Sangers Trost; Schneeglockchen; Proven-  
zaliches Lied (Schumann); Kennst du das Land (Hugo  
Wolf); Le Colibri; Les Papillons (Chausson). The  
British String Trio: Pleasancies: Allegretto grazioso;  
Andante espressivo; Valse-Scherzo; Rondo Capriccioso  
(Thomas Dunhill).  
9-25 p.m. The News and Announcements.  
Greenwich Time Signal at 9-30 p.m.  
9-45 p.m. "Jill Comes Tumbling After."\* Being the  
sixth and last in the series of adventures of  
Jack and Jill. Book and lyrics by Alec  
McGill; music by Jack Clarke. Production  
by William MacLurg.  
10-20 p.m. Dance Music.†  
10-30 p.m. Close down.

## TRANSMISSION 4.

Three of the following frequencies will be used:  
GSG 17.79 Mc/s (16.86 m.), GSI 15.26 Mc/s (19.66 m.).  
GSF 15.14 Mc/s (19.82 m.), GSD 11.75 Mc/s (25.53 m.),  
GSC 9.51 Mc/s (31.55 m.).

- 10-45 p.m. Big Ben. "Imperial Affairs,"\* by H. V.  
Hodson.  
11-2 p.m. The Victor Olof Sextet.  
Suite, Summer Days: (1) In a Country Lane (2) On the  
Edge of the Lake (3) At the Dance (Eric Coates), Aubade  
(d'Ambrosio), Badinerie (Gervais, arr. Wood), Handel  
in the Strand (Grainger), Pastoral (Lohr), Spanish Dance  
(Granados), Golden Slumbers Kiss your Eyes (Trad., arr.  
Cecil Dixon).  
Greenwich Time Signal at 11-30 p.m.  
11-30 p.m. The News and Announcements.  
11-50 p.m. The B.B.C. Empire Orchestra; leader, Daniel  
Melsa; conductor by Clifton Heliwell.  
Suite poetique: (1) Praeludium (Pastorale) (2) Polka (3)  
Menuet (4) Romance (5) Finale (Furiant) (Dvorak). Three  
Fantastic Dances: (1) Exaltation (2) Ensueno (3) Orgia  
(Turina).  
12-30 a.m. Romance in Rhythm.  
1-30 a.m. Sports Talk.\*  
1-45 a.m. Variety. Clapham and Dwyer and Nom and  
de Plumbe.  
2-10 a.m. The News and Announcements.  
2-30 a.m. Callender's Senior Band; conductor, Tom  
Morgan. Harry Bindle (Bass).\*  
Band: March, Viscount Nelson (Zehle), Waltz, Die Fleder-  
maus (Strauss), Harry Brindle: Off to Philadelphia  
(Haynes), The Call of the Pipes (Murray), Drat 'Em (Tulloch).  
Band: Trombone Solo, Lend me your Aid (Soloist, Harold  
Laycock) (Gounod), Humoresque (Boyce), Harry Brindle;  
Here is my Song (Longstaffe), Chorus, Gentlemen (Lohr).  
Band: Selection from the music of Gounod (arr. Rimmer).  
3-25 a.m. A Sonata Recital by Peggy Radmill (Violin)  
and Peggy Grummitt (Pianoforte).  
Sonata in D: Andante sostenuto; Allegro; Larghetto.  
Allegro (Handel, arr. Jensen). Sonata in G. Op. 13: Lento  
doloroso—Allegro vivace; Allegretto tranquillo; Allegro  
animato (Grieg).  
Greenwich Time Signal at 3-30 a.m.  
3-58 a.m. "Imperial Affairs,"\* by H. V. Hodson.  
4-15 a.m. Close down.

\* Electrical recording.

† Gramophone records.

All Times are given in Indian Standard Time.

WEDNESDAY, 8th JULY 1936.

Delhi

VUD 340.136 metres, 882 kc/s.

TRANSMISSION I.

- 8-0 a.m. *Time Signal.*  
Naat. By WILAYAT KHAN of Delhi.
- 8-10 a.m. A. I. R. Orchestra. "A Choral Song."
- 8-20 a.m. Radha Bai :—(a) *Thumri.*  
(b) *Ghazal.*
- 8-36 a.m. Haidar Husain. *Sitar. Hajeej.*
- 8-45 a.m. Talk (*Hindustani*): "The Fairs of Delhi."  
By SYED SHAMSHAD ALLI.
- 9-0 a.m. Dalip Singh Kapur.  
"Piya bin kukat ban men mor." *Malhar.*
- 9-10 a.m. Wilayat Khan of Delhi. (a) *Thumri Bhairvin.*  
(b) *Ghazal.*
- 9-30 a.m. Dalip Singh Kapur.  
"Din neeke bite jate hain sumran karo siya Ram Ram." *Bhajan.*
- 9-40 a.m. Wilayat Khan. *Dadra.*
- 9-50 a.m. Radha Bai. *Khamsa.*
- 10-0 a.m. *Close down.*

TRANSMISSION II.

- 1-0 p.m. *Time Signal.*  
Indian Recorded Music.
- 2-0 p.m. *Close down.*

TRANSMISSION III.

- 6-0 p.m. *Time Signal.*  
A. I. R. Orchestra. *Multani.*
- 6-10 p.m. Dalip Singh Kapur.  
"Koyalialolan lagi re." *Thumri.*
- 6-20 p.m. 1st News Bulletin. (*Hindustani*).
- 6-30 p.m. 1st News Bulletin. (*English*).
- 6-40 p.m. Ghulam Sabir. *Sarangi. Gaori.*
- 6-50 p.m. Radha Bai. *Ghazal and Naat.*
- 7-10 p.m. Wilayat Khan of Delhi.  
"Dekhna taseer mere nala-i-jankah ki  
Sunke su berahm ne be-ikhtiar ik ah ki." (*Nasikh.*)
- 7-20 p.m. Gawardhan Das.  
(a) "Jhan jhan jhan pael baje." *Thumri Chhaya.*  
(b) "Diye dagh charkh ne is qadar keh chaman  
mira dil-e-zar hai .*Ghazal Desh.*
- 7-45 p.m. "For Villagers Only."
- 8-45 p.m. Talk (*Hindustani*): "Dignity of Love."  
By L. AHMAD.
- 9-0 p.m. Gawardhan Das.  
"Kirpa karo mo peh Din Dayal." *Durga.*
- 9-10 p.m. Wilayat Khan.  
"Tujh se dil khak milé dil se bhi tu milta hai  
Koi milte hi se ae arbadah ju milta hai." (*Dagh*).  
"Agar ankhon men kaif-i-bada-i-asrar paida ho  
To har zarre men khurshid-i-jamal-i-yar paida  
hi." (*Taoheed Alwi*).
- 9-30 p.m. Radha Bai. (a) *Dadra* (b) *Ghazal.*
- 9-45 p.m. 2nd News Bulletin. (*Hindustani*.)
- 10-0 p.m. 2nd News Bulletin. (*English*).


- \*10-15 p.m. Talk (*English*): "The Way of the World."  
By Dr. T. G. P. SPEAR.
- 10-30 p.m. Aftab-i-Musiqi Fayyaz Khan of Baroda.  
(a) "Kahan tum rain jage." *Khayal Kamod Balampat Lae.*  
(b) "Mori nai lagan lagi re." *Asthai Kamod Drut Lae.*  
(c) Kawan dhang tora sajani." *Asthai Behag Balampat.*  
(d) "Nadir dir dim ta na na na dim." *Tarana Behag.*  
(e) "Woh jo bechain hue dekh ke halat meri  
Ho gai aor parison tabiat meri." (*Hasrat Mohani.*)
- 11-30 p.m. *Close down.*

\* Relayed from our Simla Studio.

Bombay

VUB 350.9 metres, 855 kc/s.

- 11-30 a.m. Selections of Indian Music.  
*Gazals—Thumris—Quawalis.*  
(Recorded.)
- 1-0 p.m. Available Market Rates.  
Lunch Hour Selections.  
Jules Craen and his Quintet.  
Relayed from Taj Mahal Hotel.  
(By kind permission of the Management.)
- 2-0 p.m. *Close down.*
- 5-30 p.m. Relay of Indian music from Krishna Cinema.  
(By kind permission of the Management.)
- 6-30 p.m. L. H. Ghelani and His Party  
Will present :—  
"For Heaven's sake"  
"Honeymoon" (*Gujerati skits.*)



G. A. S. NORMAN  
A Bombay  
Composer  
See  
Today's  
Programme.

- 7-15 p.m. Talk (*Hindi*): "Bee-keeping in Rural India."  
L. A. RAZ.
- 7-30 p.m. Classical Music.  
KHA SAHEB VILAYAT HUSSEIN.
- 8-0 p.m. Commercial News and News in Hindi.
- 8-25 p.m. Light Music.  
KHA SAHEB VILAYAT HUSSEIN.
- 9-30 p.m. News in English.
- 9-45 p.m. Talk: "Europe and Asia in Art History."  
By R. V. LEYDEN.

10-0 p.m. A STUDIO CONCERT.  
MEHLI MEHTA, *Violin.*  
E. VERGA, *Cello.*  
G. A. S. NORMAN, *Piano.*  
Sonata for Violincello and Piano in G Minor  
A group of Pianoforte Solos.  
Sonata for Violin and Piano in D.  
(Composer G. A. S. Norman.)

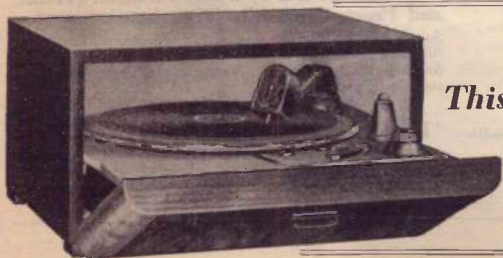
11-0 p.m. *Close down.*

Calcutta

VUC 370.4 metres, 810 kc/s. 49.10 metres, 6,109 kc/s.

- 12-36 p.m. *Time Signal.*  
SB The Grand Hotel Orchestra.  
Relayed from the Grand Hotel.  
Calcutta Weather Bulletin for Oceancraft and Rivercraft (*if any.*)
- 1-36 p.m. Talk: "Student Welfare." By BROJENDRA NATH BHADRA of the Calcutta Corporation.
- 1-51 p.m. Talk: "Come along with me in the Moon."  
By KAMAL BOSE.
- 2-6 p.m. Recorded Selections.
- 2-36 p.m. Kathakata. By AMULYA KRISHNA BHATTACHARYA.
- 3-6 p.m. *Time Signal.*  
*Close down.*
- 5-36 p.m. *Time Signal.*  
Musical Selections (Recorded).
- 6-6 p.m. Vocal Music (*Bengali*).  
SHAMALI RAKSHIT—*Light.*
- 6-21 p.m. AMIYA SIRCAR—*Modern.*
- 6-36 p.m. KAMALA ROY—*Religious.*
- 6-51 p.m. Instrumental Music.  
SHOVA KUNDU—*Sectar Solo.*
- 7-6 p.m. Vocal Music (*contd.*)  
KANKABATY—*Religious.*
- 7-21 p.m. PROVABATY—*Modern.*
- 7-36 p.m. KAMALABALA—*Light Classical.*
- 7-51 p.m. News in English.  
SB
- 8-6 p.m. An Orchestral Programme (Recorded) from the Studio.  
SB Alternatively, if reception satisfactory,  
An Empire Programme Relayed from Daventry.
- 8-31 p.m. Talk: "Poems Grave and Gay." By C. F. HOOPER.  
SB
- 8-51 p.m. Weather Forecast, General News Bulletin Market Prices, Jute and Gunny Closing Rates (In Bengali).  
SB

All Times are given in Indian Standard Time.



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WEDNESDAY, 8th JULY 1936.

- 9-6 p.m. Talk: "Air-Mail Letter." From BIREN ROY, India's Representative at the World Municipal Congress, Berlin.
- 9-21 p.m. Vocal Music (Bengali). SB HARIDAS BANERJEE—Comic.
- 9-36 p.m. KRISHNA CHANDRA DEY—Light.
- 9-56 p.m. Violin Recital. By RAM CHANDRA MOHANTA. SB
- 10-6 p.m. Weather Forecast, 2nd News Bulletin, Market Prices, Jute and Gunny Closing Rates. (In English.) SB
- 10-21 p.m. Time Signal. Close down.

**B. B. C.**

TRANSMISSION 5.

The following frequencies will be used :  
GSP 15.31 Mc/s (19.60 m.), GSF 15.14 Mc/s (19.82 m.),  
GSC 9.58 Mc/s (31.32 m.).

- 4-30 a.m. Big Ben. "Spanish Landscape." A Peninsular Anthology, compiled by J. L. Gili.
- 5-0 a.m. French Canadian Poems.
- 5-15 a.m. "Empire Mail-Bag," No. 5.\* Compiled and presented in living form by Cecil Madden.
- 5-55 a.m. "Imperial Affairs,"\* by H. V. Hodson.
- 6-10 a.m. The News and Announcements.  
Greenwich Time Signal at 6-15 a.m.
- 6-30 a.m. Close down.

TRANSMISSION 6.

The following frequencies will be used :  
GSD 11.75 Mc/s (25.53 m.), GSC 9.58 Mc/s (31.32 m.).

- 7-30 a.m. Big Ben. The Vancouver Boys' Band.
- 8-2 a.m. Around the Counties, No. 1.\* Men of Kent and Kentish Men.  
"O famous Kent,  
What county hath this isle that can compare with thee?"  
The programme devised and produced by William MacLurg.
- 8-37 a.m. A Light Instrumental Concert. Mario Lorenzi (Harp). S W. Geldard (Xylophone).
- 8-55 a.m. "Imperial Affairs,"\* by H. V. Hodson.
- 9-10 a.m. The News and Announcements.  
Greenwich Time Signal at 9-15 a.m.
- 9-30 a.m. Close down.

TRANSMISSION 1.

The following frequencies will be used :  
GSD 11.75 Mc/s (25.53 m.), GSB 9.51 Mc/s (31.55 m.).

- 10-0 a.m. Big Ben. Chamber Music. The British String Trio: Jessie Snow (Violin); Alan Bartlett (Violin); Ernest Tomlinson (Viola).  
Pleasanties: (1) Allegretto grazioso (2) Andante espressivo (3) Valse Scherzo (4) Rondo Capriccioso (Dunhill). Terzetto: (1) Introduction (Allegro ma non troppo) (2) Scherzo and Trio (3) Theme and Variations (Dvorak).
- 10-40 a.m. "Imperial Affairs,"\* by H. V. Hodson.
- 10-55 a.m. A Programme of New Gramophone Records.
- 11-25 a.m. "Starlight," Number Ten.\* Interviews with famous stage people and excerpts from their repertoires. No. 10: Edith Evans (the celebrated actress).
- 11-40 a.m. The News and Announcements.  
Greenwich Time Signal at 11-45 a.m.
- 12-0 noon. Close down.

TRANSMISSION 2.

The following frequencies will be used :  
GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.).

- 4-30 p.m. Big Ben. Quentin Maclean, at the Organ of the Trocadero Cinema, Elephant and Castle, London.

- 4-45 p.m. "Spanish Landscape."\* A Peninsular Anthology, compiled by J. L. Gili.

- 5-15 p.m. "Imperial Affairs,"\* by H. V. Hodson.

- 5-30 p.m. B.B.C. Empire Orchestra; leader, Daniel Melsa; conductor, Eric Fogg. Reginald Paul (Pianoforte).

Orchestra: Two Songs without Words: (1) Country Song (2) Marching Song (Holst), By the Tarn (Eugene Goossens). Reginald Paul and Orchestra: Concerto on Country Dance Tunes (Arnold Foster). Orchestra: Idyll, The Banks of Green Willow (Butterworth). Puck's Minuet (Herbert Howells). English Pastoral Impressions: (1) Spring Morning (2) Bredon Hill (3) Over the Hills and Far Away (Ernest Farrar).

Greenwich Time Signal at 6-30 p.m.

- 6-30 p.m. The News and Announcements.
- 6-50 p.m. Musical Interlude.†
- 6-55 p.m. "It Might Have Been Worse." A short story by Graham Sutton, read by the author.
- 7-10 p.m. Envoi.†
- 7-15 p.m. Close down.

EVENTS THIS WEEK

Talk on Agriculture  
By the Rt. Hon. the Viscount Bledisloe, G.C.M.G., K.B.E.  
"Raffles of Singapore"  
A study in dramatic form of the man, his life, and his work  
Tynwald Ceremony  
From the Isle of Man  
"The Blue Peter"  
A. P. Herbert's comic opera  
London Scenes, No. 6  
The River, by James Jones  
Commentaries  
King's Cup Air Race, from Hatfield  
All-England Lawn Tennis Club Championship Meeting, from Wimbledon

TRANSMISSION 3.

The following frequencies will be used :  
GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.),  
GSF 15.14 Mc/s (19.82 m.).

- 7-30 p.m. Big Ben. Musical Comedy Excerpts.†  
Bobby Howes and Sepha Treble: You Give me Ideas (Please, Teacher) (Weston, Lee, Waller, Tunbridge). Carroll Gibbons and the Savoy Hotel Orpheans: Leave it to Love (Rise and Shine) (Graham, Carter, Stolz). Mary Ellis (Soprano): I'm Alone and the Song is you (Music in the Air) (Hammerstein, Kern). Dennis Noble and Chorus: Love and War (Waltzes from Vienna) (J. Strauss, arr. Griffiths).
- 7-45 p.m. The Bournemouth Municipal Orchestra; leader, Bertram Lewis; conductor, Richard Austin. Solo pianoforte, John Hunt. From the Pavillion, Bournemouth.  
Overture, The Flying Dutchman (Wagner). Symphony No. 8 in B minor (The Unfinished); Allegro moderato; Andante con moto (Schubert). Pianoforte Concerto No. 3 in C minor. Allegro con brio; Largo; Rondo allegro (Beethoven).
- 9-0 p.m. Talks Feature.\*
- 9-15 p.m. The Heather Sextet.
- 9-25 p.m. The News and Announcements.  
Greenwich Time Signal at 9-30 p.m.
- 9-45 p.m. The B.B.C. Dance Orchestra, directed by Henry Hall.
- 10-30 p.m. Close down.

TRANSMISSION 4.

Three of the following frequencies will be used :  
GSG 17.79 Mc/s (16.86 m.), GSI 15.26 Mc/s (19.66 m.),  
GSF 15.14 Mc/s (19.82 m.), GSD 11.75 Mc/s (25.53 m.),  
GSB 9.51 Mc/s (31.55 m.).

- 10-45 p.m. Big Ben. "Starlight," Number Ten.\* Interviews with famous stage people, and excerpts from their repertoires. No. 10: Edith Evans (the celebrated actress).

**FOR FOREIGN PROGRAMMES**

See pages 677 and 678.

- 11-0 p.m. The B.B.C. Military Band; conductor, B. Walton O'Donnell.  
Festival March, Tannhauser (Wagner). Overture, Egmont (Beethoven). Suite No. 2: (1) Intermezzo (Panorama) (2) Valse des dryades (3) Dans les champs (Bleichman, arr. Gerrard Williams).  
Greenwich Time Signal at 11-30 p.m.
- 11-30 p.m. The News and Announcements.
- 11-50 p.m. The Adolph Hallis Quintet with Lola Gordon.  
Melody (Moszkowski, arr. Jess). Study (Czerny, arr. Hallis). Cherry Ripe (Horn, arr. Hallis) (Melmillo (Clive Carey). Canzonetta (Tchaikovsky, arr. Jess).
- 12-1 a.m. "Island Story."\* A fantasia on insular themes, composed by Cedric Cliffe. Produced by John Pudney.
- 12-30 a.m. A Pianoforte Recital by Isobel Gray.
- 1-0 a.m. Stanelli's Bachelor Party.
- 2-0 a.m. The Leslie Bridgewater Harp Quintet.  
Three Pieces: (1) Forlanes (2) Gavotte (3) Tambourin (Gossec). The Willow Song (Coleridge-Taylor).
- 2-10 a.m. The News and Announcements.
- 2-30 a.m. Sydney Howard.
- 2-40 a.m. The B.B.C. Theatre Orchestra.  
Greenwich Time Signal at 3-30 a.m.
- 3-45 a.m. "The Joseph Chamberlain Centenary." A recorded summary of Birmingham's civic tributes.
- 4-5 a.m. Serenade. A Recital by Hilda Dederich (Pianoforte).  
Crepuscule du soir mystique (from Vignettes) (J. B. McEwen) Berceuse (Chopin). Serenade (from Don Juan) (Mozart-Bachhaus).
- 4-15 a.m. Close down.

\* Electrical recording. † Gramophone records.

MISCELLANEOUS ADVERTISEMENTS

NOTICE

The charge for advertisement in these columns for one insertion is Rs. 5 for 20 words or less which includes the words "Apply Box . . . . ., Indian Listener, Ballard Estate, Bombay" counting as two words. Charge for every additional word is annas four. Payment should be made in advance.

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THURSDAY, 9th JULY 1936.

Delhi

VUD 340. 136 metres, 882 kc/s.

TRANSMISSION I.

- 8-0 a.m. Time Signal.
- 8-10 a.m. Shri Bhagwat Geeta by PANDIT BRIJ BHUSHAN.
- 8-10 a.m. A.I.R. Orchestra. Kalangra.
- 8-20 a.m. Hanuman Parshad. Thumri, Asawi.
- 8-30 a.m. Rashid Ahmad of Ajmer. Qawwali.
- 8-45 a.m. Talk (Hindustani): "Hindi Poetesses." By KUNTHA KUMARI JAIN.
- 9-0 a.m. Malang Khan. Vichitra Veena—Malhar.
- 9-10 a.m. Benazir Bai of Jaipur:—  
(a) Thumri.  
(b) Ghazal.
- 9-30 a.m. Pandit Brij Bhushan. Bhajan.
- 9-40 a.m. Hanuman Parshad. Dadra.
- 9-50 a.m. Rashid Ahmad. Ghazal.
- 10-0 a.m. Close down.

TRANSMISSION II.

- 1-0 p.m. Time Signal.
- Indian Recorded Music.
- 2-0 p.m. Close down.

TRANSMISSION III.

- 6-0 p.m. A.I.R. Orchestra. Surdashi Malhar.
- 6-10 p.m. Pandit Brij Bhushan. Dhurpad.
- 6-20 p.m. 1st News Bulletin. (Hindustani).
- 6-30 p.m. 1st News Bulletin. (English).
- 6-40 p.m. Hanuman Parshad. "Itte din hari sumran bin kachwe." Bhajan.
- 6-50 p.m. Sardar - Violin  
Mukerji - Viola  
Karrar - Organ  
Tufail - Tabla } Marwa.
- 7-0 p.m. Rashid Ahmad.  
(a) Thumri.  
(b) Ghazal.
- 7-20 p.m. Benazir Bai of Jaipur.  
(a) Thumri.  
(b) Ghazal.  
(c) Dadra.
- 7-45 p.m. "For Villagers Only."
- 8-45 p.m. Talk (Hindustani): "Mid-Summer Showers." By ARUNA ASAF ALI.
- 9-0 p.m. A.I.R. Orchestra. Dabari Kandra.
- 9-10 p.m. Brij Bhushan. Ghazal.
- 9-20 p.m. Rashid Ahmad.  
"Khushi na ho mujhe kiunkar Qaza ke ane ki"  
Khabar hai lash peh us be-wafa ke ane ki"  
(Momin.)
- 9-30 p.m. Benazir Bai of Jaipur.  
(a) Thumri.  
(b) Ghazal.
- 9-45 p.m. 2nd News Bulletin. (Hindustani).
- 10-0 p.m. 2nd News Bulletin. (English).
- \*10-15 p.m. Talk (English): "Abyssinian War." By NORAH HILL.
- 10-30 p.m. A B.B.C. Recorded "Light Variety" Programme. which will include items by CLAPHAM and DWYER. HARLEY and BARKER. JANET JOYE. HELMAR FERENBACK. THE HILL BILLIES and TONY'S RED ACES.
- 11-30 p.m. Close down.

\*Relayed from our Simla Studio.

Bombay

VUB 350.9 metres, 855 kc/s. 31.36 metres, 9,565 kc/s.

- 1-0 p.m. Available Market Rates.
- 2-0 p.m. Light Music. European Lunch Hour Selections. BHAGAT KRISHNA of Nepal.
- 2-45 p.m. Clarinet Solo.
- 3-0 p.m. Fifteen Minutes with—BAI LAXUMIBAI of Baroda. Nepalese Song. BHAGAT KRISHNA of Nepal.
- 3-30 p.m. Close down.
- 6-0 p.m. Relay of Music from Capitol Cinema. (By kind permission of the Management.)
- 6-30 p.m. Stories to Children.
- 7-0 p.m. Mendoza and his Orchestra.  
OVERTURE "Semiramis" - Rossini.  
WALTZ "Lustige Bruder" - R. Vollstedt.  
SERENADE "Legende D'Amour" - G. Becce.  
Sebastian Fernandes.  
FANTASIE  
MOSAIQUE "Cavalleria Rusticana" - Mascagni.  
AGITATO "Rustle of Spring" - Arr. by E. Tapan. Sinding.  
DANSE "Des Gitanes" - Marquina. Arr. by G. Mohr.  
Group of three pieces. Orchestral by Cecil Mendoza. Turkish Rondo from Sonata in A - W. A. Mozart.  
"This Rondo is a characteristic specimen of the fondness the classic masters had for introducing oriental colouring into occasional works."  
SOIREE DE VIENNE - Schubert-Liszt.  
PERSIAN MARCH - Johann Strauss.
- 8-0 p.m. Talk: "Have You Heard This?" By MENA SILAS.
- 8-10 p.m. General Motors Symphony Orchestra. Conducted by ERNO RAPER. SUSANNE FISHER—Soprano. (Electrically Recorded.)  
Orchestra.  
Second Movement from Fourth Symphony. Tschaiikowsky.  
Susanne Fisher.  
AVE MARIA FROM "Othello" - Verdi.  
JULIET'S WALTZ - Gounod.  
SONG FROM "Romeo and Juliet"  
Ballet music from Henry VIII - Saint-Saens.  
La Fete du Houblon.  
Gigue and Finale.  
Siegfried's Funeral Music - Wagner.  
(From Die Gotterdammerung.)  
Susanne Fisher.  
Solveig's Song - Grieg.  
Musetta's Waltz from La Boheme - Puccini.  
Orchestra.  
In a Winter Garden - Lieberson.  
The Musical Clown.  
The Juggler.
- 9-0 p.m. News in English.
- 9-10 p.m. Commercial News and News in Hindi.
- 9-30 p.m. Light Classical Music. HIRABAI BARODEKAR, with the Studio Orchestra. Sarangi, Harmonium and Tabla.
- 11-0 p.m. Close down.

Calcutta

VUC 370.4 metres, 810 kc/s. 49.10 metres, 6,109 kc/s.

- 12-36 p.m. Time Signal.
- SB The "Radio Sextette." An Instrumental Studio Programme. Calcutta Weather Bulletin for Oceanraft and Rivercraft (If any.)
- 1-36 p.m. Talk: "Damayanti." By SHAHADAT HOSSAINE
- 2-6 p.m. Vocal Music (Bengali.) PRAFULLABALA—Light.
- 2-21 p.m. Humorous Sketch. By BINOY KUMAR CHATTERJEE.
- 2-36 p.m. Talk: "Death." By BISHNU SARMA.
- 3-6 p.m. Time Signal.
- 5-36 p.m. Time Signal.
- 6-6 p.m. Selections from Gramophone Records. Vocal Music (Bengali.) SURENDRA CHANDRA CHAKRAVARTY—Ballad.
- 6-21 p.m. ASHALATA ROY—Light Songs.

- 6-36 p.m. A Musical Programme under the direction of PANCHANAN MUKHERJEE.  
Vocal Music:—  
SHOVARANI BHOMIC—Bengali.  
SURAMA BHATTACHARYA—Bengali.  
GOURI RANI SEN GUPTA—Bengali.  
RAMA SIRCAR—Bengali.  
RENUBALA DEY—Kirtan.  
PURNIMA DEY—Kirtan.  
SATYENDRA NATH GHOSAL—Classical.  
JIBAN CHANDRA UPADHYAYA—Classical.  
AMARENDRA NATH BAGHI—Bengali.  
SAROJ KUMAR GHOSE—Bengali.  
NIMAI CHAKRAVARTY—Bengali.  
Instrumental Music:—  
BENOY MADHAB MUKHERJEE—Sarode-Solo.
- 7-51 p.m. News in English.
- 8-6 p.m. Light Bengali Songs. By RADHARANY.
- 8-21 p.m. Talk: "Tales from the Lives of Indian Saints." By NRIPEN CHATTERJEE.
- 8-36 p.m. Instrumental Music. Betar Orchestra, conducted by TARAK NATH DEY.
- 8-51 p.m. Market Forecast, General News Bulletin, Weather Prices, Jute and Gunny Closing Rates. (In Bengali.)
- 9-6 p.m. A Studio Concert featuring:—  
CELIA HARLEY—Soprano.  
KATHLEEN HILL—Violin.  
PEARL NAHAPIET—Pianoforte.  
TOMMY TUCKER—Songs at the Piano.
- 10-6 p.m. Weather Forecast, 2nd News Bulletin, Market Prices, Jute and Gunny Closing Rates. (In English.)
- 10-21 p.m. Dance Music (Recorded) from the Studio.
- 10-36 p.m. Time Signal.  
Close down.

B. B. C.

TRANSMISSION 5.

The following frequencies will be used: GSP 15.31 Mc/s (19.60 m.), GSF 15.14 Mc/s (19.82 m.), GSC 9.58 Mc/s (31.32 m.).

- 4-30 a.m. Big Ben. The Crystal Palace Band; conductor, Denis Wright. March, Pomp and Circumstance No. 4 in G (Elgar). Ballet Music, Rosamunde (Schubert, arr. Manley). Valse des fleurs (Case Noisette Suite) (Tchaikovsky).
- 4-50 a.m. "The Aristocrats of Harmony."
- 5-0 a.m. The Crystal Palace Band (continued). Dance of the Apprentices; Entry of the Masters (The Maste-singers) (The Wagner). Mazurka (Coppelia) (Delibes) Overture, The Sea (Denis Wright).
- 5-25 a.m. "Agriculture in the British Isles: Summing Up,"\* by the Rt. Hon. the Viscount Bledisloe, G.C.M.G., K.B.E.
- 5-40 a.m. "Raffles of Singapore."\* A study in dramatic form of the man, his life, and his work. The programme written by H. F. Banner and produced by William MacLurg.
- 6-10 a.m. The News and Announcements. Greenwich Time Signal at 6-15 a.m.
- 6-30 a.m. Close down.

TRANSMISSION 6.

The following frequencies will be used: GSD 11.75 Mc/s (25.53 m.), GSC 9.58 Mc/s (31.32 m.).

- 7-30 a.m. Big Ben. A Recital of European Folk-Songs by Constance Carrodus (Contralto) and Gustave Ferrari (Tenor).  
Constance Carrodus: Hungary: Arok is van (arr. Desiderius), Amikor meg legeny voltari; Szalmaszal a vizbe; Mariskam; Ritka Buza, Ritka arpa (Demeny). Gustave Ferrari: France: Las, si j'avais pouvoir d'oublier (13th Century) (Trad., arr. Ferrari). Briolage (15th Century) (Trad., arr. Ferrari). Il fait beau voir ces hommes d'arme (15th Century) (Trad., arr. Ferrari). Constance Carrodus: Italy: Rispetto (arr. Martinengo-Gesaresco). Il mazzetto; Fa la harra Bambin (arr. Geni Sadero). La vera Sarrartina; (arr. Granville Bantock). Gustave Ferrari: France: Le capitaine et la fille prisoniere (17th Century); Lison dormait (18th Century); Plaisir d'amour (18th Century) (Trad., arr. Ferrari).

All Times are given in Indian Standard Time.

THURSDAY, 9th JULY 1936.

- 8-0 a.m. Talk.\*
- 8-15 a.m. **Sydney Gustard, at the Organ of the Gaumont Palace Cinema, Chester.**  
Martial Moments (arr. Winter). Waltz Song, Dejavu (Avaz). Selection, Follow the Fleet (Berlin). Little Grey Home in the West (Hermann Lohr). Pan and the Wood Goblins (Rathke). Love's Old Sweet Song (Molloy). Selection, A Waltz Dream (O. Strauss).
- 8-50 a.m. **"The Joseph Chamberlain Centenary."\***  
A recorded summary of Birmingham's civic tributes.
- 9-10 a.m. **The News and Announcements.**  
Greenwich Time Signal at 9-15 a.m.
- 9-30 a.m. Close down.

TRANSMISSION 1.

The following frequencies will be used :  
GSD 11.75 Mc/s (25.53 m.), GSB 9.51 Mc/s (31.55 m.).

- 10-0 a.m. **Big Ben. "Cupid Plus Two."\*** A sentimental interlude on the Dumbledown Golf Links. The book by Charles Hayes; the lyrics by Alec McGill and Charles Hayes; the music by George Barker. Production by William MacLurg.
- 10-37 a.m. **"Agriculture in the British Isles: Summing Up,"\*** by the Rt. Hon. the Viscount Bledisloe, G.C.M.G., K.B.E.
- 10-52 a.m. **The Music of Rheinberger. A Recital by David Wise (Violin) and Maurice Vinden (Organ).**  
Maurice Vinden: Prelude from Sonata No. 6. David Wise and Maurice Vinden: Two Pieces for Violin and Organ: Elegy; Overture. Maurice Vinden: Prelude from Sonata No. 19.
- 11-20 a.m. **"The Joseph Chamberlain Centenary."\***  
A recorded summary of Birmingham's civic tributes.
- 11-40 a.m. **The News and Announcements.**  
Greenwich Time Signal at 11-45 a.m.
- 12-0 noon. Close down.

TRANSMISSION 2.

The following frequencies will be used :  
GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.).

- 4-30 p.m. **Big Ben. Variety.†**  
Fred Astaire and Quartette: We Saw the Sea (Follow the Fleet) (Berlin). Anona Winn: Mimi of the Chorus (Pola). Paul Robeson (Bass): Honey (Van Alstyne). Cicely Courtneidge: If I had Napoleon's Hat (Aunt Sally) (Woods).
- 4-45 p.m. **The B.B.C. Welsh Orchestra; leader, Frank Thomas; conducted by Mansel Thomas. W. H. Thomas (Baritone).**  
Orchestra: Overture, Don Juan (Mozart). W. H. Thomas: The Watchman (W. H. Squire), The Gay Highway (F. Drummond), Now No More (Mozart). Orchestra: Suite, The Miracle: (1) Prelude (2) Procession and Children's Dance (3) Banquet Scene and Nun's Dance (4) March of the Army and Death Motif (5) The Christmas Scene and Finale, Act 1 (Humperdinck). W. H. Thomas Arthur yn

Cyfoedi (The Rising of Arthur) (Gwynn Williams), Yn Nyffryn Clwyd (In the Vale of Clwyd) (arr. Somervell), Y Tair Mordraith (The Three Voyages) (R. S. Hughes). Orchestra: Fantasia on the Music of Rossini (Urbach).

- 5-45 p.m. **"Queue for Song," 2nd Edition.\* An Empire promenade, presented by Reginald Smith.**
- 6-24 p.m. **Musical Interlude.†**  
Greenwich Time Signal at 6-30 p.m.
- 6-30 p.m. **The News and Announcements.**
- 6-50 p.m. **The Philip Whiteway Ensemble.**  
An Irish Souvenir (Reginald Redman). Dance of the Minutes (Brian Hope). Roses of Picardy (Haydn Wood). The Clockwork Bear; Mr. Golliwog; Spanish Dance; Hornpipe (A Fantasy Suite) (Colin Macleod Campbell). Gossamer Lady (Ewing).
- 7-15 p.m. Close down.

TRANSMISSION 3.

The following frequencies will be used :  
GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.), GSF 15.14 Mc/s (19.82 m.).

- 7-30 p.m. **Big Ben. "From the Woman's Point of View", by Jane Oliver.**
- 7-47 p.m. **The Central Band of His Majesty's Royal Air Force (by permission of the Air Council), conducted by Flight Lieut. R. P. O'Donnell, M.V.O., Director of Music, Royal Air Force. From the Royal Air Force Headquarters, Uxbridge.**  
Alpine Memories. A Fantasia on Swiss Melodies (arr. Winter) Sylvia Dances; Cupid's Carnival (Suite, Sylvan Scenes) (Fletcher). Hungarian Rhapsody, No. 3 (Liszt). Waltz, The Wedding Dance (Lincke). Selection, The last Waltz (Strauss).
- 8-30 p.m. **"The Arcadian Follies," under the direction of Earnest Binns. David Morris (Vocalist); Beryl Churchill (Soprano); H. Mitchell-Craig (Entertainer); Molly Heaton (Soubrette and Dancer); Benny Bennett (Comedian and Dancer); Lucille St. John (Soprano); Flintoff Moore (Baritone); Bobby Mack (Pianoforte); Jim Fitz (Comedian and Drummer); Sylvia Deene (Comedienne); Albert Modley (Comedian). From the Arcadian Pavilion, Morecambe.**
- 9-15 p.m. **Harold Samuel (Pianoforte)†.**  
Prelude and Fugue in G (Bach), Intermezzo in E flat, Op. 117 (Brahms).
- 9-25 p.m. **The News and Announcements.**  
Greenwich Time Signal at 9-30 p.m.
- 9-45 p.m. **"The Blue Peter." A comic opera in one act, by A. P. Herbert. Music by Armstrong Gibbs.**  
Simon (a fruit grower): played by George Baker; Joan (his wife): played by Vera Siddons; Susan (her maid): played by Esther Coleman; Robin (a sailor): played by Jan Van der Gucht. The action takes place in the garden of Simon's house on an evening a long time ago. The B.B.C. Empire Orchestra; leader, Daniel Melsa; conductor, Eric Fogg. The programme produced by William MacLurg.
- 10-30 p.m. Close down.

TRANSMISSION 4.

Three of the following frequencies will be used :  
GSG 17.79 Mc/s (16.86 m.), GSI 15.26 Mc/s (19.66 m.), GSF 15.14 Mc/s (19.82 m.), GSD 11.75 Mc/s (25.53 m.), GSB 9.51 Mc/s (31.55 m.).

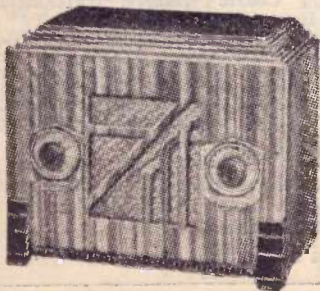
- 10-45 p.m. **Big Ben. A Recital of English Folk-Songs, by Clifford Deri (Baritone).**  
As I Walked Out (Hertfordshire); Harvest Song (Wiltshire) (arr. J. Fuller Maitland). The Green Bushes (Devonshire) (arr. Lucy Broadwood). The Happy Farmer (arr. Somervell). Admiral Benbow (Somerset) (arr. Cecil Sharp). The Garden Gate (Warwickshire) (arr. Lucy Broadwood). The Jolly Plough-boy (Dorset) (arr. Vaughan Williams).
- 11-0 p.m. **Mantovani and his Tipica Orchestra.**  
Asi Se Mata (Canals). Ay Ay Ay (Perez). Pas des fleurs (Delibes). The Touch of your Lips (Noble). Waltz, Gipsy Princess (Kalman). Somewhere a Voice is Calling (Tate). Portrait of a Toy Soldier (Ewing). Havana Heaven (Dostal). Rhapsody in Blue (Gershwin).  
Greenwich Time Signal at 11-30 p.m.
- 11-30 p.m. **The News and Announcements.**
- 11-50 p.m. **The B.B.C. Midland Orchestra. Leader, Alfred Cave; conducted by H. Foster Clark.**  
Suite in C for Strings: (3) Minuet (4) March (Purcell, arr. Hurlstone). Fantasia, Greensleeves; A Running Set (Vaughan Williams). Suite, The Triumph of Neptune: (1) Harlequinade (2) Dance of the Fairy Princess (3) Schottische (4) Cloudland (5) Intermezzo (6) Polka (7) Horn pipe (8) Apotheosis (Berners).
- 12-30 a.m. **"Cupid Plus Two." A sentimental interlude on the Dumbledown Golf Links. The book by Charles Hayes; the lyrics by Alec McGill and Charles Hayes; the music by George Barker. Production by William MacLurg.**
- 1-5 a.m. **Musical Interlude.†**
- 1-10 a.m. **A Recital of Vaughan William's Songs by Roy Henderson (Baritone).**
- 1-40 a.m. **"Raffles of Singapore."\* A study in dramatic form of the man, his life and his work. The programme written by H. F. Banner and produced by William MacLurg.**
- 2-10 a.m. **The News and Announcements.**
- 2-30 a.m. **Carlos Ames (Harp) and Annette Mills (Songs at the Pianoforte).**
- 2-50 a.m. **Chamber Music. John Armstrong (Tenor). The Philharmonic Ensemble: John Francis (Flute); David Martin (Violin); Frederick Riddle (Viola); James Whitehead (Violoncello); Marie Korchinska (Harp).**  
Ensemble: Third Concert for Violin, Violoncello, and Harp: La Popliniere; La Timide; Tamborin en Rondeau (Rameau) John Armstrong: Maiebnacht; Mein Schatzlein; Friede; Abgeguckt; Mittag; Reiterlied (Reger). Ensemble: Serenade for Flute, Violin, Viola, Violoncello, and Harp. Op. 20: Allegro; Andante; Presto (Albert Roussel). Quartet for Flute, Violin, Viola, and Violoncello (Mann und Weib): Presto; Andante moderato; Menuett; Fantasia (Air) Moderato (Haydn).
- 3-45 a.m. **Dance Music. Bram Martin and his Dance Orchestra, from the Holborn Restaurant, London.**
- 4-0 a.m. **Dance Music.†**
- 4-15 a.m. Close down.

\* Electrical recording. † Gramophone records.

All Times are given in Indian Standard Time.

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FRIDAY, 10th JULY 1936.

Delhi

VUD 340.136 metres, 882 kc/s.

TRANSMISSION I.

- 8-0 a.m. Time Signal.
- 8-10 a.m. Recitation from the Quran-i-Sharif.
- 8-20 a.m. Shankar Lal. Thumri Jonpuri.
- 8-30 a.m. P. S. Mukerji. Sarod—Gandhari.
- 8-35 a.m. Budhan Khurshid Bai. Thumri Bhairvin.
- 8-45 a.m. Talk (Hindustani): "The Duties of a Step-Mother." By Kumari P. L. MALLIK.
- 9-0 a.m. Asad Ali Khan.
  - (a) "Sanchi kahat yeh adarang."—Thumri Desti.
  - (b) "Aeso bedardi dard na jane." Thumri Bhairvin.
- 9-20 a.m. Shankar Lal. Bhajan.
- 9-30 a.m. Haidar Husain. Saraswari Veena—Sarang Mian Khan.
- 9-40 a.m. Asad Ali Khan. Ghazal.
- 9-50 a.m. Budhan Khurshid Bai.
  - "Tar giriya-i-hasarat se hai daman-i-tamana Mujh sa bhi na ho koi pasheman-i-tamana." (Hasrat Mohani.)
- 10-0 a.m. Close down.

TRANSMISSION II.

- 1-0 p.m. Time Signal.
- Indian Recorded Music.
- 2-0 p.m. Close down.

TRANSMISSION III.

- 6-0 p.m. Time Signal.
- A.I.R. Orchestra. Nautch Tune.
- 6-10 p.m. Shankar Lal. Bhajan (Surdas).
- 6-20 p.m. 1st News Bulletin. (Hindustani.)
- 6-30 p.m. 1st News Bulletin. (English.)
- 6-40 p.m. Asad Ali Khan of Agra.
  - "Bhatkat kaon phire." Khayal Multani.
- 6-50 p.m. Shankar Lal. Thumri Tilak Kamod.
- 7-0 p.m. Budhan Khurshid Bai.
  - (a) "Kia mast nigahen mujhe dikhla gain ankenh Do jam the labrez keh chhalka gain ankenh." (Amir Minai.)
  - (b) "Shirkat-i-gham bhi nahin chahati ghairat meri, Ghair ki ho ke rahe ya shab-i-furqat meri.
- 7-20 p.m. Asad Ali Khan.
  - (a) "Ashiqon se narawa hai bewafai apki Had se barh jae na shan-i-kaj adai ap ki." (Hasrat Mohani.)
  - (b) "Azmaish men jan lete hain, Khub ap imtihan lete hain." (Amir Minai.)
- 7-40 p.m. Bhai Ghulam. Ditruba—Kedara.
- 7-45 p.m. "For Villagers Only."
- 8-45 p.m. A Sketch (Hindustani): "A Presidential Address." By ABID HUSAIN.
- 9-0 p.m. A.I.R. Orchestra. Darbari Kandra.
- 9-10 p.m. Asad Ali Khan. Thumri Khambavati.
- 9-20 p.m. Budhan Khurshid Bai.
  - "Saqia abr abhi aya nahin maikhane par Kiun qadah nosh gire parte hain paemane par." (Amir Minai.)
- 9-29 p.m. Asad Ali Khan.
  - "Jafa-o-jaor ka us se gila kia Jo puchhi mehrbani kia wafa kia." (Shaifta.)
- 9-36 p.m. Budhan Khurshid Bai.
  - "Dil men kia kia hawas-i-did baanhai na gai Rubaru unke magar ankh uthai na gai." (Hasrat Mohani.)

- 9-45 p.m. 2nd News Bulletin. (Hindustani.)
- 10-0 p.m. 2nd News Bulletin. (English.)
- 10-15 p.m. Talk (English): "Making Flying Safe." By G. M. RANDALE.
- \*10-30 p.m. A Studio Concert.
  - FAITH CHICK - - - - - Soprano.
  - NOEL BURTON JONES - - - - - Violin.
  - KATHLEEN BATEMAN - - - - - (Accompanist.)
  - RHODA BINGE - - - - - } Piano/forte Duets.
  - LEONARD PAPWORTH - - - - - }
  - Rhoda Binge and Leonard Papworth.
    - 1st movement of Symphony "Allegro con Brio" Beethoven.
    - Faith Chick.
      - "After to-night we say Goodbye" - Leon Towers & Harry Leon.
      - "Mary Rose" - Harry Parr-Davies.
      - "When I grow too old to Dream" - Romberg.
      - N. Burton Jones.
        - "Agnesa" (Spanish Dance) - I. Coward.
        - "Canzonetta" - P. Ts. hajkowskii.
        - "Serenade" No. 1 - F. Drdla.
      - Rhoda Binge and Leonard Papworth.
        - "Andante con moto" - Beethoven.
        - Faith Chick.
          - "Mondolinata" - E. Paladithe.
          - "Spazzacchino" - E. Roscuni.
          - "Italian Street Song" - V. Herbert.
        - N. Burton Jones.
          - "Rondo" Sonata Op. 12, No. 1 - Beethoven.
          - "The Rosary" - Nevin—arr. Kreisler.
          - "Salut d'amour" Op. 12 - E. Elgar.
      - Rhoda Binge and Leonard Papworth.
        - 3rd and 4th movement of Symphony "Allegro" Beethoven.
  - 11-30 p.m. Close down.

\*Relayed from our Simla Studio.

Bombay

VUB 350.9 metres, 855 kc/s.

- 12-0 noon. H.M.V. Presents:—
  - Angurbala.
    - "Akhose Chup Kar Naja Ra."
    - "Chhahe Bolo Na Bolo Tohare."
  - Md. Khalil Quawal.
    - "Dil Me Thana Hai."
    - "Kamaliya Wale Sinya."
  - Fakhre Alam Quawal.
    - "Apnu Magnu Ke Taraf."
    - "Chan Milata He Nai."
  - S. G. Nevrekar.
    - "Mata Pari Kar Dayal."
    - "Harila Tana Mana."
  - G. N. Joshi and Gandhari (Hangal).
    - "Milavani Don Givachi."
    - "Give Doni Ek Sakhaye."
  - Master Manohar Barve.
    - "Mane Nai Sainya."
    - "Chhado More Bainya."
  - Mehabub Jan.
    - "Unaki Balako"—(Gazal.)
    - "Shekado Chhakar Deye"—(Ghazal.)
  - Anandji.
    - "Nainara Lobhe."
    - "Ranga Raghe Rasikado."
- 1-0 p.m. Available Market Rates.
- European Lunch Hour Selections.
- 2-0 p.m. Educational Programme.
- 2-30 p.m. Close down.
- 5-30 p.m. Marathi Bhajan. EKNATH HATISKAR.
- 6-30 p.m. Talk (Gujerati): "Dharma—Niti—Sansar." JEHANGIR VESAVAWALLA.
- 6-45 p.m. A Request Programme.
  - "Change of Air."
  - A humorous farce in Marathi. (Presented by Cinephonic Stars.)
- 7-15 p.m. Recitation from Holy Quran. MOULVI GULAM MOHOMED KAMAR.
- 7-30 p.m. Classical Songs. Prof. NARAYANRAO VYAS.
- 8-0 p.m. Commercial News and News in Hindi.
- 8-25 p.m. Light Music. Prof. NARAYANRAO VYAS.

- 9-30 p.m. News in English.
- 9-45 p.m. Talk: "Some Aspects of Indian Culture." By TARA ALI IBAIG.
- 10-0 p.m. Jules Craen and His Quintet.
  - VALSE - - - "La Rose Noire" - Aubry.
  - D'une Prison - - - - - Hahn.
  - Cavaleria Rusticana (Selection) - - - - - Mascagni.
  - Claire De Lune (Werther) - - - - - Massenet.
  - Serenade - - - - - Heyknes.
  - Petite Valse Irisee - - - - - Pesse.
  - Canzone Vesuviana - - - - - Marcucci.
  - Adoration - - - - - Fillipucci.
- 11-0 p.m. Close down.

Calcutta

VUC 370.4 metres, 810 kc/s. 49.10 metres, 6,109 kc/s.

- 12-36 p.m. Time Signal.
- SB Musical Selections (Recorded) from the Studio.
- 12-51 p.m. Robert Pikler and his Hungarian Orchestra. Relayed from "Firpo's" Restaurant. (By kind permission of the Management). Calcutta Weather Bulletin for Oeancraft and Rivercraft (if any).
- 1-36 p.m. Talk: "The Last Dialogues of Socrates." By NRIPEN CHATTERJEE (2nd Part).
- 2-6 p.m. Light Bengali Song. By UMAPADA BHATTACHARYA.
- 2-21 p.m. Recitation from the Holy Quran. By HAFIZ MUTEHERUDDIN AHMAD.
- 2-36 p.m. Talk: "The Bhakti Cult in Hindu Philosophy." By BISHNU SARMA.
- 3-6 p.m. Time Signal. Close down.
- 5-6 p.m. Time Signal.
- Children's Hour conducted by KAMAL BOSE. Letters and Riddles.
- 5-16 p.m. Kishori Sangha presents a Playlet written by PROVASH GHOSE.
- 5-51 p.m. Vocal Medley Selections (Recorded) from the Studio.
- 6-6 p.m. The Grand Hotel Orchestra in a Light Instrumental Concert. Relayed from the Palm Court of the Grand Hotel.
- 6-51 p.m. Weather Forecast, General News Bulletin, Market Prices, Jute and Gunny Closing Rates. (In Bengali).
- 7-6 p.m. Indian Theatrical Night. SB BETAR NATOOKEY DAL presents—"Janani." By SACHIN SEN GUPTA. Cast:— JANANI - - - - - Nibhanani.
- 10-6 p.m. Weather Forecast, General News Bulletin, Market Prices, Jute and Gunny Closing Rates. (In English).
- 10-21 p.m. Time Signal. Close down.

B. B. C.

TRANSMISSION 5.

The following frequencies will be used: GSP 15.31 Mc/s (19.60 m.), GSF 15.14 Mc/s (19.82 m.), GSC 9.58 Mc/s (31.32 m.).

- 4-30 a.m. Big Ben. Chamber Music. The Virtuoso String Quartet; Marjorie Hayward (Violin); Edwin Virgo (Violin); Raymond Jeremy (Viola); Cedric Sharpe (Violoncello); Muriel Brunskill (Contralto). Muriel Brunskill: Deare, if you Change (John Dowland), Faire, Sweet, Cruell (Thomas Ford), Mad Bess (Purcell). Quartet: Quartet in A, Op. 41: (1) Andante espressivo—Allegro moto moderato (2) Assai agitato (3) Adagio molto (4) Alegro molto vivace (Schumann). Muriel Brunskill: The Water Mill (Vaughan Williams), In the Garden of the Seraglio (Delius), Spring Wakens (Procter-Gregg).
- 5-20 a.m. "Starlight" Number Ten.\* Interviews with famous stage people and excerpts from their repertoires. No. 10: Edith Evans (the celebrated actress).
- 5-35 a.m. Musical Interlude.†

All Times are given in Indian Standard Time.



FRIDAY, 10th JULY 1936.

- 5-40 a.m. "Owt Abaht Owt."\* Final and Empire Number of the Northern Broadcast Magazine.
- 6-10 a.m. The News and Announcements.  
*Greenwich Time Signal at 6-15 a.m.*
- 6-30 a.m. Close down.

TRANSMISSION 6.

The following frequencies will be used :  
GSD 11.75 Mc/s (25.53 m.), GSC 9.58 Mc/s (31.32 m.).

- 7-30 a.m. Big Ben. "Late Extra!" A feature programme following through the life of a London newspaper, from its origin in a timber forest to its sale as an extra edition. Devised by S. E. Reynolds; produced by Pascoe Thornton.
- 8-15 a.m. Harold Samuel (Pianoforte)† :  
Prelude and Fugue in G (Bach). Intermezzo in E flat, Op. 117 (Brahms).
- 8-25 a.m. "The Blue Peter."\* A comic opera in one act by A. P. Herbert. Music by Armstrong Gibbs.  
Simon (a fruit grower) : played by George Baker; Joan (his wife) : played by Vera Siddons; Susan (her maid) : played by Esther Coleman; Robin (a sailor) : played by Jan Van der Gucht. The action takes place in the garden of Simon's house on an evening a long time ago. The B.B.C. Empire Orchestra; leader, Daniel Melsa; conductor, Eric Fogg. The programme produced by William MacLurg.
- 9-10 a.m. The News and Announcements.  
*Greenwich Time Signal at 9-15 a.m.*
- 9-30 a.m. Close down.

TRANSMISSION 1.

The following frequencies will be used :  
GSD 11.75 Mc/s (25.53 m.), GSB 9.51 Mc/s (31.55 m.).

- 10-0 a.m. Big Ben. "Owt Abaht Owt."\* Final and Empire Number of the Northern Broadcast Magazine.
- 10-30 a.m. "From the Woman's Point of View,"\* by Jane Oliver.
- 10-45 a.m. Callender's Senior Band; conductor, Tom Morgan. Harry Brindle (Bass).  
Band : March, Viscount Nelson (Zehle), Waltz, Die Fledermaus (Strauss), Harry Brindle : Off to Philadelphia (Haynes), The Call of the Pipes (Murray), Drat 'Em (Tullach).  
Band : Trombone Solo, Lend me your Aid (Soloist, Harold Laycock) (Gounod), Humoresque (Boyce), Harry Brindle. Here is my Song (Longstaffe), Chorus, Gentlemen (Lohr).  
Band : Selection from the music of Gounod (arr. Rimmet).
- 11-40 a.m. The News and Announcements.  
*Greenwich Time Signal at 11-45 a.m.*
- 12-0 noon Close down.

TRANSMISSION 2.

The following frequencies will be used :  
GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.).

- 4-30 p.m. Big Ben. A Recital of Works by Wieniawski. Guy Danies (Violin).  
Romance sans Paroles et Rondo. Gigue. Mazurka, Kuyawiak.

- 4-45 p.m. Talk Feature.\*
- 5-0 p.m. The B.B.C. Dance Orchestra, directed by Henry Hall.
- 5-45 p.m. "Cupid Plus Two."\* A sentimental interlude on the Dumbledown Golf Links. The book by Charles Hayes; the lyrics by Alec McGill and Charles Hayes; the music by George Barker. Production by William MacLurg.
- 6-20 p.m. Military Marches.†  
Garde Republicaine Band of France, conducted by M. G. Balay : Marche Lorraine (Ganne), Sambre et Meuse (Planquette), La Pere de la Victoire (Ganne).  
*Greenwich Time Signal at 6-30 p.m.*
- 6-30 p.m. The News and Announcements.
- 6-50 p.m. The B.B.C. Theatre Orchestra.
- 7-15 p.m. Close down.

TRANSMISSION 3.

The following frequencies will be used :  
GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.),  
GSF 15.14 Mc/s (19.82 m.).

- 7-30 p.m. Big Ben. "Spanish Landscape."\* A Peninsular Anthology, compiled by J. L. Gili.
- 8-0 p.m. Al and Bob Harvey in syncopated humour.
- 8-10 p.m. Musical Interlude.†
- 8-15 p.m. "Atmospherics." A talk by Professor S. K. Mitra, D.Sc.
- 8-30 p.m. A Symphony Concert. The B.B.C. Midland Orchestra; leader, Alfred Cave; conducted by Leslie Heward.  
Symphony No. 3 in D (Frederick the Great). Symphony No. 4 in B flat : (1) Andantino (2) Andante con moto (3) Scherzo (4) Finale, allegro molto vivace (Gade). Symphony No. 4 in E flat : (1) Andante (2) Scherzo, allegro vivace (Glazoumov).
- 9-25 p.m. The News and Announcements.  
*Greenwich Time Signal at 9-30 p.m.*
- 9-45 p.m. Alfredo Compoli and his Orchestra.  
Rustic Suite : (1) Country Dance (2) Lovers' Lane (3) Bromsgrove Fair (Leslie Bridgewater), Smilin' Through (Penn), Her First Dance (Heykens), Souvenir de Mona Lisa (Schebek), The Grasshoppers' Dance (Bucalossi).  
Suite, Country Life : (1) Byways o' the Dee (2) Shepherd's Lament (3) Haymaker's Dance (Reginald King). Selection, Old Home Songs (Russell).
- 10-30 p.m. Close down.

TRANSMISSION 4.

Three of the following frequencies will be used :  
GSG 17.79 Mc/s (16.86 m.), GSI 15.26 Mc/s (19.66 m.),  
GSF 15.14 Mc/s (19.82 m.), GSD 11.75 Mc/s (25.53 m.),  
GSB 9.51 Mc/s (31.55 m.).

- 10-45 p.m. Big Ben. "From the Woman's Point of View,"\* by Jane Oliver.
- 11-2 p.m. Symphony Music. †  
The Berlin Philharmonic Orchestra, conducted by Jascha Horenstein : Symphony No. 5 in B flat : (1) Allegro (2) Andante con moto (3) Menuet (4) Allegro vivace (Schubert).  
*Greenwich Time Signal at 11-30 p.m.*

- 11-30 p.m. The News and Announcements.
- 11-50 p.m. The B.B.C. Dance Orchestra, directed by Henry Hall.
- 12-30 a.m. Concert Party.
- 1-0 a.m. Scottish Dance Music. The Strings of the B.B.C. Scottish Orchestra; leader, J. Moreland Begbie; conductor, Guy Warrack.
- 1-25 a.m. "Late Extra!"\* A feature programme following through the life of a London newspaper, from its origin in a timber forest to its sale as an extra edition. Devised by S. E. Reynolds; produced by Pascoe Thornton.
- 2-10 a.m. The News and Announcements.
- 2-30 a.m. "Down River"—7. G. M. Bumphrey.
- 2-50 a.m. "The Blue Peter."\* A comic opera in one act by A. P. Herbert. Music by Armstrong Gibbs.  
Simon (a fruit grower) : played by George Baker; Joan (his wife) : played by Vera Siddons; Susan (her maid) : played by Esther Coleman; Robin (a sailor) : played by Jan Van der Gucht. The action takes place in the garden of Simon's house on an evening a long time ago. The B.B.C. Empire Orchestra; leader, Daniel Melsa; conductor, Eric Fogg. The programme produced by William MacLurg.  
*Greenwich Time Signal at 3-30 a.m.*
- 3-35 a.m. Dance Music. The Casani Club Orchestra, directed by Charles Kunz. From Casani's Club, London.
- 3-58 a.m. "From the Woman's Point of View,"\* by Jane Oliver.
- 4-15 a.m. Close down.

\* Electrical recording. † Gramophone records.

WAVELENGTHS OF THE EMPIRE TRANSMITTERS.

	Frequency Mc/s.	Wavelength metres.
GSA	6.05	49.59
GSB	9.51	31.55
GSC	9.58	31.32
GSD	11.75	25.53
GSE	11.86	25.29
GSF	15.14	19.82
GSG	17.79	16.86
	Frequency Mc/s.	Wavelength metres.
GSH	21.47	13.97
GSI	15.26	19.66
GSJ	21.53	13.93
GSL	6.11	49.10
GSN	11.82	25.38
GSO	15.18	19.76
GSP	15.31	19.60

All Times are given in Indian Standard Time.

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CHICAGO RADIO

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SATURDAY, 11th JULY 1936.

Delhi

VUD 340.136 metres, 882 kc/s.

TRANSMISSION I.

- 8-0 a.m. Bhajan. By DALIP SINGH KAPUR.
- 8-10 a.m. A. I. R. Orchestra. Bengal Bhairon.
- 8-20 a.m. Karim Husain of Jaipur. "Banri biahne ae banre ke log." *Khayal Deshkar.*
- 8-30 a.m. P. S. Mukerji. *Sarod. Asa.*
- 8-35 a.m. Afzal Husain of Nagina. "Najariya lagi re more Ram." *Thumri Bhairvin.*
- 8-45 a.m. Talk (*Hindustani*): "Radio a Hundred Years Hence." By ISHRAT RAHMANI.
- 9-0 a.m. DALIP SINGH KAPUR. "Radhe rani de daro nan bansri mori." *Bhajan.*
- 9-10 a.m. Haidar Husain. *Sur Bahar. Gond Bilawal.*
- 9-20 a.m. Kallo Bai of Pataudi. (a) *Thumri Jonpuri.* (b) "Mahabat ka asar jata kahan hai Hamara dard-i-sar jata kahan hai." (*Dagh*). *Ghazal Bhairvin.*
- 9-40 a.m. Karim Husain. "Aiso jodha bhuj bali ranbir maha bali." *Khayal Paraj.*
- 9-50 a.m. Afzal Husain. "Parde se ik jhalak jo woh dikhla ke raeh gaye." (*Hasrat Mohani.*)
- 10-0 a.m. Close down.

TRANSMISSION II.

- 1-0 p.m. Time Signal.
- Mantovani and his Tipica Orchestra. "In a Vienna Beer Garden." Parts 1 and 2.
- The Hill Billies. In "Yodelling Hobo."
- Renee Houston and Pat Aherne. In two sketches. "True to me," and "I do."
- B. B. C. Dance Orchestra (conducted by HENRY HALL.) "Viennese Memories of Lehar."
- Gracie Fields. "River stay way from my Door."
- The Blue Hungarian Band. Film Selection, "I give my heart."
- John Goss and the Cathedral Male Voice Quartet. Sea Shanties "Rio Grande and Billy Boy."
- The London Palladium Orchestra. "The Golden Valse."
- Benjami Gigli (*Tenor*). "All hail thou dwelling (from Faust)."
- Dajos Bela and his Orchestra. "Die Fledermaus" (The Bat).
- 2-0 p.m. Close down.

TRANSMISSION III.

- 6-0 p.m. A. I. R. Orchestra. *Nilambari.*
- 6-10 p.m. Dalip Singh Kapur. "Kahna bansri bajae." *Thumri Pilu.*
- 6-20 p.m. 1st News Bulletin. (*Hindustani*).
- 6-30 p.m. 1st News Bulletin. (*English*).
- 6-40 p.m. Karim Husain. "Anokhi baten dekhi hamne piare tihari." *Asthai Puria.*
- 6-50 p.m. Afzal Husain. "Dekho ri na mane Shyam." *Thumri Tilak Kamod.*
- 7-0 p.m. Kallo Bai of Pataudi. "Hal kia un se bar bar kahan Na sunenge woh ham hazar kahan." (*Hasrat Mohani.*)

- 7-10 p.m. Karim Husain. *Classical Music.*
- 7-45 p.m. "For Villagers only."
- 8-45 p.m. Talk (*Hindustani*): "Science in Modern Life." By K. G. SAYYADAIN.
- 9-0 p.m. Afzal Husain. (a) *Thumri.* (b) *Ghazal.*
- 9-20 p.m. Kallo Bai of Pataudi. (a) "Ashna ho kar nazar na-ashna karne lage Ham se kia dekha keh tum pas-i-hiya karne lage." (*Hasrat Mohani.*) (b) "Ilaj-i-kawish-i-gham khak charaju karte Hazar zakhm the kis kis jageh rafu karte." (*Jigar*). (c) *Dadra.*
- 9-45 p.m. 2nd News Bulletin. (*Hindustani*).
- 10-0 p.m. 2nd News Bulletin. (*English*).
- 10-15 p.m. A Play (*Hindustani*): "Gunah ki Diwar." By I. H. QURESHI. Adapted by F. H. QURESHI.
- 11-15 p.m. Close down.

Bombay

VUB 350.9 metres, 855 kc/s.

- 1-0 p.m. Available Market Rates.
- The Viennese Orchestra. OVERTURE "Nabukadnezar" - G. Verdi. WALTZ "The Emperor" - J. Strauss. FANTASIE "Remembrance of Weber" - J. Urbach. SOLO "Fantasie Impromptu" - F. Chopin. Violin Solo by Erwin Klein. "Nocturne" - Chopin-Saraste. By Leo Bajtek. POTPOURRI "The Doll-Fairy" - J. Bazer. MARCH "Radetzky" - J. Strauss.
- 2-0 p.m. A Variety. Prof. B. R. DEOPNAR—Vocal. S. PALSEKAR—Violin Solos. SUMATIBAI WADKAR—Vocal. Accompanied by The V. U. B. Indian Orchestra.
- 4-0 p.m. Close down.
- 5-30 p.m. Relay of music from Regal Cinema. (By kind permission of the Management.)
- 6-30 p.m. DAYANAND KAMAT in light songs. (A boy prodigy of 13 years).
- 7-0 p.m. Mandoline Solos. V. Y. CHOWDHARI.
- 7-15 p.m. Talk (*Hindi*): "Kooch Buri Adate". Dr. D. R. PREM.
- 7-30 p.m. Hawaiian Guitar Solos. G. N. GHOSE.
- 8-0 p.m. Commercial News and News in Hindi.
- 8-25 p.m. Light Classical Music. Prof. AMANATALI KHAN.
- 9-30 p.m. News in English.
- 9-45 p.m. The Week's Sport. A. G. A. NORMAN.
- 10-0 p.m. Band of the 2nd Battalion the Durham Light Infantry (By kind permission of Major C. W. BEART, M. C., and Officers.) Conductor—FRANK H. ROSE, A.R.C.M. MARCH MEDLEY. "Colonel Bogey on Parade". Alford. CZARDAS FROM THE OPERA "Der Geist Des Wiowoden" - Gossmann. Verdi. SELECTION "La Traviata". PIANOFORTE SOLOS "Selected". (Soloist:—Corporal J. Owens.) WALTZ "Fairy Tales from the Orient" - Strauss. BRAHMS. TWO HUNGARIAN DANCES - Brahms. GAVOTTE "Hearts and Flowers" - Tobani. POTPOURRI "Wedded Whimsies" - Ricketts. REGIMENTAL MARCH "The Light Barque".
- 11-0 p.m. Close down.

Calcutta

VUC 370.4 metres, 810 kc/s. 49.10 metres, 6,100 kc/s.

- 12-36 p.m. Time Signal. SB A Studio Recorded Programme by Messrs. T. E. Bevan & Co., Ltd. ("Regal" Recording). Piano Solo by Jack Wilson. "Musical Comedy Memories." Intro: "Tea for Two", "White Horse Inn," etc. Wilf Carter, the Yodelling Cowboy, Mildred and Dorothy Good. "Hill Billy Valley." "My Cross-eyed Beau." London Piano-Accordeon Band. "Poor Little Angelina." "Please believe Me." Gracie Fields. "A Little Love, A Little Kiss." "The Clatter of the Clogs." The California Ramblers. "Life begins when you're in Love." "If I should Lose You." Billy Cotton and his Concert Orchestra. "Manhattan Serenade." The Gypsy Accordeon Band. "Alone." "Saddle your Blues to a Wild Mustang." International Novelty Orchestra. "Jolly Brothers Waltz." "The Wedding of the Rose."—Intermezzo. Calcutta Weather Bulletin for Océanraft and Rivercraft (if any).
- 1-36 p.m. Talk: "Vaishnava Literature." By HARE-KRISHNA SAHITYARATNA.
- 2-6 p.m. Musical Selections (Recorded).
- 2-36 p.m. Talks: (a) "Things that interest us." (b) "Ahalya Bai." By BELLA HALDER.
- 3-6 p.m. Time Signal. Close down.
- 5-36 p.m. Time Signal. Recorded Selections.
- 6-6 p.m. Talk: "Water Pollution." By DR. B. C. MUKHERJEE.
- 6-26 p.m. Vocal Music (*Bengali*). SAILESH DATTA GUPTA—Folk Song.
- 6-36 p.m. GIRIN CHAKRAVARTY—Baul.
- 6-46 p.m. KRISHNA CHANDRA GHOSH—Bhajan.
- 6-56 p.m. MANICKMALA—Light Classical.
- 7-36 p.m. Instrumental Music. BETER ORCHESTRA, CONDUCTED BY TARAK NATH DEY.
- 7-51 p.m. News in English. SB
- 8-6 p.m. Light Bengali Songs. By KUMAR SACHIN DEB BURMAN. SB
- 8-21 p.m. Talk: "Comparative Study of Cinema Comedians." By PARIMAL GOSWAMY. SB
- 8-36 p.m. Instrumental Music. SB CHHOTAY KHAN—Sarenggeer.
- 8-51 p.m. Weather Forecast, General News Bulletin, Market Prices, Jute and Gunny Closing Rates. (In Bengali). SB
- 9-6 p.m. Orchestral Selections (Recorded) from the Studio. SB VALENTINE OTTE—In Folk and Yodelling Songs with Guitar accompaniment by himself.
- 9-36 p.m. Dance Music by the Grand Hotel Dance Orchestra. SB Relayed from "Prince's" Restaurant.
- 10-6 p.m. Weather Forecast, 2nd News Bulletin, Market Prices, Jute and Gunny Closing Rates. (In English). SB
- 10-21 p.m. Dance Music (Cont'd.) from "Prince's." SB
- 10-36 p.m. Time Signal. Close down.

All Times are given in Indian Standard Time.

SATURDAY, 11th JULY 1936.

B. B. C.

TRANSMISSION 5.

The following frequencies will be used :  
GSP 15.31 Mc/s (19.60 m.), GSF 15.14 Mc/s (19.82 m.),  
GSC 9.58 Mc/s (31.32 m.).

- 4-30 a.m. **Big Ben. Dance Music. The Casani Club Orchestra, directed by Charles Kunz. From Casani's Club, London.**
- 5-0 a.m. **A Recital by Carmen Hill (Violoncello).**  
Sonatan F : (1) Adagio (4) Presto (Tessarini, arr. Trowell). Abendlied (Schumann, arr. Trowell). Irish Lullaby (Trad., arr. Trowell). Scherzo (van Goens).
- 5-15 a.m. **English Humorists—10.**
- 5-25 a.m. **The B.B.C. Empire Orchestra; leader, Daniel Melsa; conductor, Eric Fogg.**  
Overture, Opera Bouffe (Finck). Two Intermezzi : (1) Zazra (York Bowen) ; (2) The Fairy's Rendezvous (Lautenschlager). Three English Dances (Roger Quilter). Selection, To-night's the Night (Rubens). March, The Spirit of Pageantry (Fletcher).
- 6-10 a.m. **The News and Announcements.**  
*Greenwich Time Signal at 6-15 a.m.*
- 6-30 a.m. *Close down.*

TRANSMISSION 6.

The following frequencies will be used :  
GSD 11.75 Mc/s (25.53 m.), GSC 9.58 Mc/s (31.32 m.).

- 7-30 a.m. **Big Ben. Callender's Senior Band; conductor, Tom Morgan. Harry Brindle (Bass).\***  
Band : March, Viscount Nelson (Zehle), Waltz, Die Fledermaus (Strauss). Harry Brindle : Off to Philadelphia (Haynes), The Call of the Pipes (Murray), Drat 'Em (Tulloch) Band : Trombone Solo, Lend me your Aid (Soloist, Harold Laycock) (Gounod), Humoresque (Boyce). Harry Brindle : Here is my Song (Longstaffe), Chorus, Gentlemen (Lohr). Band : Selection from the music of Gounod (arr. Rimmer).
- 8-26 a.m. **"From the Woman's Point of View,"\* by Jane Oliver.**
- 8-41 a.m. **"Island Story,"\* A fatasia on insular themes, composed by Cedric Cliffe. Produced by John Pudney.**
- 8-10 a.m. **The News and Announcements.**  
*Greenwich Time Signal at 9-15 a.m.*
- 9-30 a.m. *Close down.*

TRANSMISSION 1.

The following frequencies will be used :  
GSD 11.75 Mc/s (25.53 m.), GSB 9.51 Mc/s (31.55 m.).

- 10-0 a.m. **Big Ben. The Leon Wayne Sextet.**  
Overture, Lustspiel (Keler-Bela). Selection, Music of Schubert (arr. Hilda Hodges). Flower of Spring (Vallini). Spanish Serenade (Metra). Three Modern Melodies (Mercer, Lane, and Revel). Two Guitars (Ferraris). Waltz, The Garden of Schonbrunn (Lanner).
- 10-40 a.m. **Talks Feature.\***
- 10-55 a.m. **"The Blue Peter,"\* A comic opera in one act, by A. P. Herbert. Music by Armstrong Gibbs.**  
Simon (a fruit grower) : played by George Baker ; Joan (his wife) : played by Vera Siddons ; Susan (her maid) : played by Esther Coleman ; Robin (a sailor) : played by Jan Van der Gucht. The action takes place in the garden of Simon's house on an evening a long time ago. **The B.B.C. Empire Orchestra; leader, Daniel Melsa; conductor, Eric Fogg. The programme produced by William MacLurg.**
- 11-40 a.m. **The News and Announcements.**  
*Greenwich Time Signal at 11-45 a.m.*
- 12-0 noon *Close down.*

TRANSMISSION 2.

The following frequencies will be used :  
GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.).

- 4-30 p.m. **Big Ben. Gramophone Records.**
- 5-0 p.m. **"From the Woman's Point of View,"\* by Jane Oliver.**
- 5-15 p.m. **The Children's Hour. A Summer Programme.**
- 6-0 p.m. **The Commodore Grand Orchestra, directed by Harry Davidson. From the Commodore Theatre, Hammersmith.**  
*Greenwich Time Signal at 6-30 p.m.*

- 6-30 p.m. **The News and Announcements.**
- 6-50 p.m. **Dance Music. †**
- 7-15 p.m. *Close down.*

TRANSMISSION 3.

The following frequencies will be used :  
GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.),  
GSF 15.14 Mc/s (19.82 m.).

- 7-30 p.m. **Big Ben. Donald Thorne, at the Organ of the Granada, Tooting.**  
Suite, Lights o' London ; (2) Dawn (In Kew Gardens) (2) Noon (Oxford Street and Hyde Park) (3) Dusk (Limehouse) (4) Midnight (Piccadilly) (Donald Thorne and Tony Lowry). Ke-Sa-Ko (Chapuis). Popular Medley (arr. Donald Thorne) Largo (Handel).
- 8-0 p.m. **"Road House." Come on a conducted tour round a modern road house, and out to the bathing pool. From the Upper Reaches of the Thames.**
- 8-20 p.m. **Musical Interlude. †**
- 8-25 p.m. **Romance in Rhythm.\***
- 9-25 p.m. **The News and Announcements.**  
*Greenwich Time Signal at 9-30 p.m.*
- 9-30 p.m. **Commentary on the King's Cup Air Race, from Hatfield Aerodrome.**
- 9-45 p.m. **The News and Announcements (contd.).**
- 10-0 p.m. **The B.B.C. Dance Orchestra, directed by Henry Hall.**
- 10-30 p.m. *Close down.*

TRANSMISSION 4.

Three of the following frequencies will be used :  
GSG 17.79 Mc/s (16.86 m.), GSI 15.26 Mc/s (19.66 m.),  
GSF 15.14 Mc/s (19.82 m.), GSD 11.75 Mc/s (25.53 m.),  
GSB 9.51 Mc/s (31.55 m.).

- 10-45 p.m. **Big Ben. The Children's Hour.\* "The Adventurous Journey—No. 2: The Countess's Earring." A play by Sybil Clarke.**  
*Greenwich Time Signal at 11-30 p.m.*
- 11-30 a.m. **The News and Announcements.**
- 11-50 p.m. **Munn and Felton's Band; conductor, S. H. Boddington. Eveline Stevenson (Soprano).**  
Eveline Stevenson : The Cuckoo has Flown (Grover), The Swallows (Cowen). Band : Sea Spray (Solo Xylophone, R. Book) (Cole), The Connoisseur (Solo Euphonium, B. Sullivan) (Sutton), Eveline Stevenson : Rose Softly Blooming (Spohr), I've been Roaming (Horn), Polly Willis (Arne). Band : Patrol, Patriotic Review (Rimmer), Slavonic Rhapsody No. 2. (Friedemann).
- 12-30 a.m. **"Road House." Come on a conducted tour round a modern road house, and out to the bathing pool. From the Upper Reaches of the Thames.**
- 12-50 a.m. **George Scott-Wood and his Six Singers.**
- 1-0 a.m. **Music Hall.**
- 2-0 a.m. **Dance Music. †**
- 2-10 a.m. **The News and Announcements.**
- 2-30 a.m. **Fred Hartley and his Novelty Quintet, with Webster Booth.**  
If you Were the Only Girl in the World (Ayer). Always (Smith). All arrangements by Fred Hartley.
- 2-40 a.m. **Sports Talk.\***
- 2-55 a.m. **Musical Interlude. †**
- 3-0 a.m. **Dance Music. Ambrose and his Orchestra.**  
*Greenwich Time Signal at 3-30 a.m.*
- 4-0 a.m. **A Recital by John McCormack (Tenor). †**  
The Harp that Once through Tara's Hall (Moore). The Garden where the Praties Grow (arr. Liddle). Kathleen Mavourneen (Crouch). Mother Machree (Ball).
- 4-15 a.m. *Close down.*

\* Electrical recording. † Gramophone records.

OUR CONGRATULATIONS

Not to everyone is given the capacity to be a good listener. Yet broadcasting is gradually reviving an art which was fast dying out, the art of letting others do the talking whilst you do the listening.

But Bombay has just discovered the country's champion listener. Indeed, he has earned the title of the world's Champion Long-Distance Listener. Not an Olympic title, indeed, but one which has at least won for him a fine 11-valve receiving set.

This new record-breaker is Mr. J. H. Dent, who has produced evidence to show that he has heard and recognised 23 different stations in each of six continents, presumably dividing America up into North and South to turn the regulation five into the half dozen.

What it meant to achieve this record can be appreciated only by those who have been turning and twiddling the knobs of their set day after day and night after night, battling with atmospherics and fading, and then triumphantly recognising yet one more foreign station.

Naturally, we offer our heartiest congratulations to Mr. Dent on his fine achievement—and only trust that before long we shall be able to give him in India sufficient stations to keep him busy for many an evening.

As an Indian Prince said to him on making the presentation of his radio "trophy":—

"The rare distinction of being a champion listener throws light on his powers of concentration, patience, and perseverance. To be a patient listener is an arduous task, and to be a champion at it is not an enviable job. It is a role in which one cannot hit back, which becomes extremely difficult considering the usual provocations. Listening, indeed, is a lost art even as it is a lost virtue. It is a precious relic of the past which the radio is trying to revive."

A REQUEST

All subscribers, when writing to us about any irregularity of receipt of the paper, or a renewal of subscription, would do us a great favour if they would quote the reference number given on the wrappers of the copies.

SUNDAY, 12th JULY 1936.

Delhi

VUD 340.136 metres, 882 kc/s.

TRANSMISSION I.

- 8-0 a.m. Time Signal.
- Naat by Ghulam Najaf Khan of Ajmer.
- 8-10 a.m. A.I.R. Orchestra. Gun Kali.
- 8-20 a.m. Bhai Lal of Amritsar.
  - (a) Khayal Shudh Malhar.
  - (b) Thumri Asa.
- 8-45 a.m. Talk (Hindustani): "How to Make Home Life Happy." By AZIZ SAYYADAIN.
- 9-0 a.m. Sardar - Violin.
  - Haidar - Sitar. } Bhairvin.
  - Tufail - Tabla.
- 9-10 a.m. Zohra Begam of Aligarh.
  - (a) Thumri Asawri.
  - (b) "Jan se tang hamara dil-i-diwana hai, Zindagi kaheko hai maot ka afsana hai."—(Jigar).
- 9-30 a.m. Ghulam Najaf Khan. Qawwali. (Assisted by HAIDAR HUSAIN, KARRAR HUSAIN, GHULAM SABIR AND MALANG KHAN.)
- 9-50 a.m. Zohra Begam. Ghazal Gaor Sarang. "Maekash ke dil ke raz kisi per ayan nahin, Sheeshe ko dekh lo keh dahan hai zuban nahin."—(Amir Minai.)
- 10-15 a.m. Organ Recital from St. James's Church. By F. C. COLLINS.
- 11-15 a.m. Close down.

TRANSMISSION II.

- 1-0 p.m. Time Signal.
- Indian Recorded Music.
- 2-0 p.m. Close down.

TRANSMISSION III.

- 6-0 p.m. A.I.R. Orchestra. Megh Malhar.
- 6-10 p.m. Ghulam Najaf Khan. "Yeh jo chupke se ae baethe hain, Lakh fitne uthae baethe hain."—(Majruh.)
- 6-20 p.m. 1st News Bulletin. (Hindustani.)
- 6-30 p.m. 1st News Bulletin. (English.)
- 6-40 p.m. Bhai Lal of Amritsar.
  - (a) Khayal Multani.
  - (b) Thumri Basant.
- 7-0 p.m. Zohra Begam.
  - (a) "Sikhi hai ada teri miri jan qaza ne Ate hi mire pas lagi jan churane."—(Amir Minai.)
  - (b) Dadra.
- 7-20 p.m. P. S. Mukherji - Sarod.
  - Sabiri - Sarangi. } Purbi.
  - Tufail - Tabla.
- 7-25 p.m. Ghulam Najaf Khan.
  - (a) "Beniqab aj to yun jalwa-i-janan ho jae, Jo jahan par ho wahin behkud-o-hairan hojae"—(Jigar.)
  - (b) Thumri Naatiyak.
- 7-45 p.m. "For Villagers Only."
- 8-45 p.m. A Story (Hindustani.) By BEGUM SARBALAND JANG.
- 9-0 p.m. Bhai Lal of Amritsar.
  - (a) "Gunan ke Sagar." Khayal Adana Kandra.
  - (b) Tarana Bageshwari.
  - (c) Thumri Behag.
- 9-30 p.m. Zohra Begam.
  - (a) Thumri Desh.
  - (b) Ghazal.
- 9-45 p.m. 2nd News Bulletin. (Hindustani.)
- 10-0 p.m. 2nd News Bulletin. (English.)

- \*10-15 p.m. Talk (English): "Great Parliamentary Occasions." By OLIVER STEBBINGS.
- \*10-30 p.m. An Orchestral Programme. By His Excellency the Viceroy's Orchestra. (By the kind permission of His Excellency the Marquess of Linlithgow.) Directed by Lt. C. H. Fenner, M.B.E., L.R.A.M.
  - OVERTURE - "Le Barbier de Seville" - Rossini.
  - SELECTION FROM THE OPERA "Romeo et Juliette" - Gounod.
  - ALPINE MEMORIES - "By the lake of the four cantons" - Arr. Winter. Schubert.
  - Moment Musical
  - SELECTION FROM THE OPERA "Madame Butterfly" - Puccini.
  - Songs without words - Mendelssohn.
    - (1) "Spring Song."
    - (2) "Boating Song."
    - (3) "Bees Wedding."
- 11-30 p.m. Close down.

\*Relayed from Our Simla Studio.

Bombay

VUB 350.9 metres, 855 kc/s. 31.36 metres, 9565 kc/s.

- 10-0 a.m. Sitar Solos. Prof. MOHOMED KHA.
- 10-30 a.m. Chandidas. A Gujarati Musical Play specially written for Broadcasting by SHABHU. Presented By L. H. GHELANI and his Party.
- 11-30 a.m. Light Songs. BAI SUNDERABAI. With V. U. B. Orchestra.
- 1-0 p.m. The V. U. B. Ensemble.
  - OVERTURE - "Stradella" - Flotow.
  - WALTZ - "Moonlight Dancing and You" - Benatzaki.
  - SELECTION - "The Grand Duchess" - Offenbach.
  - VIOLIN SOLO - "Waltz in A" - Schubert-Achron.
  - PIANO SOLO - "Romance" - Tchaikowsky.
  - Joseph Delima.
  - INTERMEZZO - "Punch and Judy" - Englmann.
  - SOLVEG'S SONG - Grieg.
  - ARABIAN DANCE - Grieg.
  - MARCH - "Bella Vista" - Morena.
- 2-0 p.m. Close down.
- 6-30 p.m. Eversong Service. Relayed from St. Thomas Cathedral.
- 7-30 p.m. Talk: "Jungle Stories". By K. B. GODREJ. "Devonshire Cream." (A B. B. C. Recorded Programme.)
- 7-45 p.m. A Comedy Presented By EDEN PHILLPOTTS. Adapted and produced by CYRIL WOOAL.
- 9-0 p.m. News in English.
- 9-10 p.m. News in Hindi.
- 9-20 p.m. "Miss 1936." A Marathi Musical play written by ANANT HARI GADRE. Directed by S. N. CHAPEKAR, featuring:—SUSHILA DEVI. KUMUDINI. RAM APTE. D. L. ANGRE. G. S. PHADKE, and others.
- 11-0 p.m. Close down.

Calcutta

VUC 370.4 metres, 810 kc/s. 49.10 metres, 6,109 kc/s.

- 8-36 a.m. Time Signal.
- Instrumental Music. RAJENDRA NARAYAN SEN GUPTA—Sarode solo.
- 8-51 a.m. Vocal Music (Bengali.) HARIPADA CHATTERJEE—Tagore Song.
- 9-1 a.m. KANKABATY—Light.

- 9-16 a.m. KAMALABALA—Light Classical.
- 9-31 a.m. Instrumental Music. JITEN BANERJEE—Sectar Solo.
- 9-46 a.m. Vocal Music (Bengali.) KAMAL DAS GUPTA—Light.
- 10-1 a.m. ANIL BAGCHI—Modern.
- 10-11 a.m. RADHARANY—Kirtan.
- 10-31 a.m. Talk: "Stage and Screen" By SPECTATOR.
- 10-51 a.m. The Grand Hotel Orchestra. Morning Musical Concert. Relayed from the Palm Court of the Grand Hotel.
- 1-6 p.m. Time Signal.
- Close down.
- 6-6 p.m. Time Signal.
- SB Church Service Relayed from St. Andrew's Church.
- 7-21 p.m. Talk: "Indian Music." (1st Series.) By SURESH CHAKRAVARTY.
- 7-36 p.m. Classical Programme. ASHFAQ HUSSAIN.
- 8-1 p.m. SURAJ PROSAD SRIVASTAVA.
- 8-26 p.m. MANJU SHAHIB.
- 8-51 p.m. News in Bengali. SB
- 9-6 p.m. News in English. SB
- 9-21 p.m. Piano Solos—(Selected)—Mark Hambourg SB (Recorded).
- 9-36 p.m. Time Signal.
- Close down.

B. B. C.

TRANSMISSION 5.

The following frequencies will be used: GSP 15.31 Mc/s (19.60 m.), GSF 15.14 Mc/s (19.82 m.), GSC 9.58 Mc/s (31.32 m.).

- 4-30 a.m. Big Ben. "Road House."\* Come on a conducted tour round a modern road house, and out to the bathing-pool. From the Upper Reaches of the Thames.
- 4-52 a.m. A Recital of Duets for Two Violins by Winifred Small and Jean Pougnet. Six Duettini: (1) Souvenir de Campagne (2) Tristesse (3) Abandon (4) Berceuse (5) Minuit (6) Serenade (Benjamin Godard). Allegro energico; Molto vivace (Suite, Op. 71) (Moszkowski).
- 5-20 a.m. "From the Woman's Point of View."\* by Jane Oliver.
- 5-35 a.m. The B.B.C. Dance Orchestra,\* directed by Henry Hall.
- 6-10 a.m. The News and Announcements. Greenwich Time Signal at 6-15 a.m.
- 6-30 a.m. Close down.

TRANSMISSION 6.

The following frequencies will be used: GSD 11.75 Mc/s (25.53 m.), GSC 9.58 Mc/s (31.32 m.).

- 7-30 a.m. Big Ben. A Recital by Stiles-Allen (Soprano). Twilight Fancies; Sweet Venevil; Love Concealed (Delius). Peace; A Wild Rose; Hymn to the Almighty (Schubert).
- 7-56 a.m. "Spanish Landscape."\* A Peninsular Anthology, compiled by J. L. Gili.
- 8-25 a.m. A commentary\* on the King's Cup Air Race, from Hatfield Aerodrome.
- 8-40 a.m. A Programme of New Gramophone Records.
- 9-10 a.m. The News and Announcements. Greenwich Time Signal at 9-15 a.m.
- 9-30 a.m. Close down.

\* Electrical recording. † Gramophone records.

All Times are given in Indian Standard Time.

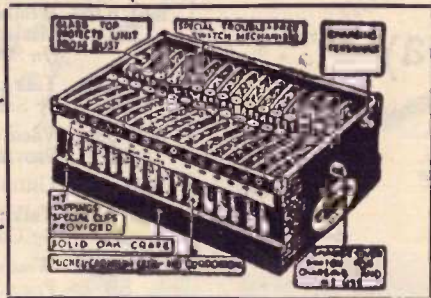
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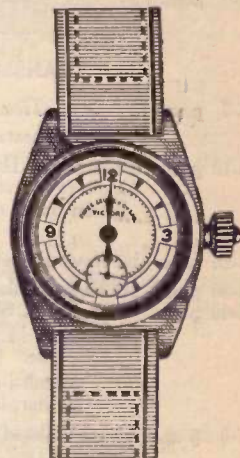


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**FAYRE-LEUBA & CO**  
BOMBAY LTD CALCUTTA

MONDAY, 13th JULY 1936.

Delhi

VUD 340.136 metres, 882 kc/s.

TRANSMISSION I.

- 8-0 a.m. *Time Signal.*  
Naat by MUHAMMAD HASHIM.
- 8-10 a.m. A.I.R. Orchestra. *Pancham.*
- 8-20 a.m. Muhammad Shafi. *Thumri Kalangra.*
- 8-30 a.m. Malang Khan. *Vichitra Veena—Bhibas.*
- 8-45 a.m. Talk (*Hindustani*): "A 19th Century Salon III."  
By AGHA SHAER.
- 9-0 a.m. Muhammad Hashim.  
"Har kali kahiti hai khul kar tire diwane se  
Dekh nikli hai pari saj ke parikhane se."  
(*Amir Minai.*)
- 9-10 a.m. Gaohar Bai of Jaipur.  
(a) "Bhor kahin milan bahilwa." *Khayal  
Jonpuri.*  
(b) Thumri Bhairvin.
- 9-30 a.m. Ghulam Sabir. *Sarangi—Shudh Sarang.*
- 9-40 a.m. Muhammad Shafi.  
"Jalwah jo unke ruka ka miri chashm-i-tar men hai  
Shadabi-i-bahar ka alam nazar men hai."  
(*Jigar.*)
- 9-50 a.m. Gaohar Bai of Jaipur.  
"Ik ansu dil ki gairai se ubhra chashm-i-hairan  
men  
Samandar ho gae paida khayalat-i-parishan men."  
(*Saghar.*)
- 10-0 a.m. *Close down.*

TRANSMISSION II.

- 1-0 p.m. *Time Signal.*  
Indian Recorded Music.
- 2-0 p.m. *Close down.*

TRANSMISSION III.

- 6-0 p.m. *Time Signal.*  
A.I.R. Orchestra. *Ramdasi Malhar.*
- 6-10 p.m. Muhammad Hashim.  
"Main ro ke ah karunga jahan rahe na rahe  
Zamin rahe na rahe asman rahe na rahe."  
(*Amir Minai.*)
- 6-20 p.m. 1st News Bulletin. (*Hindustani.*)
- 6-30 p.m. 1st News Bulletin. (*English.*)
- 6-40 p.m. Muhammad Shafi.  
(a) "Kaya ka pinjra dole re ik sans ka panchhi  
bole. (*Bhajan.*)  
(b) "Jo zulf-i-muambar bikhar jaegi  
Muatar do alam ko kar jaegi." *Naat.*
- 7-0 p.m. Abdul Waheed Khan Chishti Sabiri of Kariana.  
*Classical Music.*
- 7-35 p.m. Gaohar Bai of Jaipur. *Ghazal.*
- 7-45 p.m. "For Villagers only."
- 8-45 p.m. Talk (*Hindustani*): "Film Fans."  
By KHWAJA AHMAD ABBAS.
- 9-0 p.m. Abdul Wahid Khan Chishti Sabiri of Kariana.  
*Classical Music.*
- 9-35 p.m. Gaohar Bai of Jaipur. *Ghazal.*
- 9-45 p.m. 2nd News Bulletin. (*Hindustani.*)
- 10-0 p.m. 2nd News Bulletin. (*English.*)
- \*10-15 p.m. Talk (*English*): "Tagore Speaks."  
By K. M. SARKAR.
- 10-30 p.m. A Studio Concert.  
FRED A FRANKLIN - - - - - *Pianoforte.*  
E. WINFRED - - - - - *Violin.*  
J. GEORGE - - - - - *Baritone.*  
D. PHILIPS - - - - - *Bass.*  
Freda Franklin.  
Waltz in A flat - - - - - *Brahms.*  
"Humouresque" - - - - - *Dvorak.*

- D. Philips.  
"In sweet content"  
"Beyond the dawn" } *W. Sanderson.*
- E. Winfred.  
"Menuett"  
"Ave Maria" } *Dusseck.  
Schubert.*
- T. Barron and J. George.  
(*Vocal Duet.*)  
"The Singing Lesson" } *W. H. Squire.*
- Freda Franklin.  
"Les Auscadius"  
Pretudes Nos. 3 and 6 } *Wachs.  
Heller.*
- D. Philips.  
"When I saw love in your eyes."  
"The wanderer's song"—Words by } *Masefield.*
- E. Winfred.  
"Moment Musical"  
"Chanson Polonoise" } *Schubert.  
Wienawiski.*
- 11-30 p.m. *Close down.*  
*\* Relayed from our Simla Studio.*

Bombay

VUB 350.9 metres, 855 kc/s.

- 11-30 a.m. The Station Orchestra  
AND  
BASEER QAWAL.  
In Popular Gazals.
- 1-0 p.m. Available Market Rates.  
European Lunch Hour Selections.
- 2-0 p.m. *Close down.*
- 5-0 p.m. Relay of Indian Music from Wellington Cinema.  
(*By kind permission of the Management.*)
- 6-0 p.m. A Variety Programme.  
By the Students of the Indian School of music  
Conducted by Prof. B. R. DEODHAR.
- 7-0 p.m. Shree Bhagwat Geeta Pravachan.  
PANDIT LAXMANRAO OGHALE.
- 7-15 p.m. South Indian Music.  
LALITA VENKATRAM.
- 8-0 p.m. Commercial News and News in Hindi.
- 8-25 p.m. Light Classical Music.  
PANDIT HANSRAJ MADAN.
- 9-30 p.m. News in English.
- 9-45 p.m. Talk: "Nine Laymen in a Box."  
S. D. VIMADALAL.
- 10-0 p.m. A Request Night.  

Ken Mac and His Dance Orchestra.  
Listeners are asked to send their Requests at  
least a week in advance for this Programme.
- 11-0 p.m. *Close down.*

Calcutta

VUC 370.4 metres, 810 kc/s. 49.10 metres, 6,109 kc/s.

- 12-36 p.m. *Time Signal.*  
SB A Studio (Recorded) Programme Featuring  
Orchestral and Vocal Items.
- 1-6 p.m. Dance Music from the Studio (Recorded).  
SB Calcutta Weather Bulletin for Oceanraft and  
Rivercraft (if any.)
- 1-36 p.m. Talk: "Modern Poets of Bengal."  
By NRIPEN CHATTERJEE.
- 2-6 p.m. Vocal Music (Bengali.)  
SUPROVA GHOSE.
- 2-21 p.m. BINA CHOWDHURY.
- 2-36 p.m. Kathakata by RAGHU NATH BHATTACHARYA.
- 3-6 p.m. *Time Signal.*  
*Close down.*

- 5-36 p.m. *Time Signal.*  
Selections from Gramophone Records.
- 6-6 p.m. Talk: "The Educative Value of the Co-operative  
Organisation." By ABDUL MAJID, Lecturer, Islamia  
College, Calcutta.
- 6-26 p.m. Vocal Music (Bengali.)  
JATADHAR PYNE—*Modern.*
- 6-36 p.m. SHIBABRATA BOSE—*Light Bengali Songs.*
- 6-51 p.m. BINAPANY I.— " " "
- 7-6 p.m. ASHALATA— " " "
- 7-21 p.m. K. C. DEY— " " "
- 7-36 p.m. FULLANILINI— " " "
- 7-51 p.m. News in English.  
SB
- 8-6 p.m. A Studio Concert Featuring —  
DORIS SHEPPARD, A.R.A.M.—*Vocaliste and Pianiste*  
and CHARLES HEMMING.—*Humorist.*
- 8-51 p.m. Weather Forecast, General News Bulletin,  
Market Prices, Jute and Gunny Closing Rates.  
(*In Bengali.*)  
SB
- 9-6 p.m. Talk: "Village Pedagogue."  
By SARA CH. PANDIT.  
SB
- 9-21 p.m. Vocal Music (Bengali.)  
SB PROVABATY—*Light Bengali Song.*
- 9-36 p.m. USHARANY—*Kirtan.*
- 9-51 p.m. Talk: "In the Realm of Realities."  
By CHITRA GUPTA.  
SB
- 10-6 p.m. Weather Forecast, 2nd News Bulletin, Market  
Prices, Jute and Gunny Closing Rates. (*In  
English.*)  
SB
- 10-21 p.m. *Time Signal.*  
*Close down.*

BENEFITS FROM RADIO

WHAT strikes me most is that, with the advent of the radio, the spoken word is again coming into its own. Its power had been obscured by the printing press which, in its own sphere, had revolutionised certain aspects of Society. But it is obvious that its scope remains limited wherever illiteracy prevails, as is unfortunately the case in our country.

"Radio, on the other hand, can reach the remotest corners of the world. Hence it can be very fruitfully employed as an unrivalled instrument of imparting instruction as well as entertainment to the masses of India. Both the town-dweller and the villager can profit by it. The educational value of broadcasting is recognised everywhere, and I am also thinking of giving the benefit of this facility to my rural subjects by installing a radio set at all important centres in my State...."

"We hear a great deal about the problem of a common language for India. I believe that there is no surer way of solving that problem than through broadcasting. Adherence to the most prevalent language of India will unify this country linguistically, and the language of the broadcast is sure to be the language of the people."

Extract from a speech in Bombay on June 15th by His Highness the Maharajah of Morvi.

# Listening in has become a pleasure to

Mr. W. G. Bourne, Commander,  
R.N., F.R.G.S., A.I.N.A.

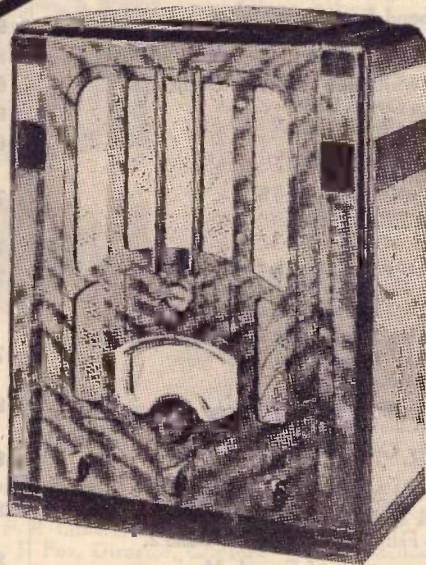
**If you feel nervous while selecting your wireless receiver... Read this**  
I have duly received, in perfect condition, the RCA Wireless receiving Set dispatched on the 4th inst. I might add that within fifteen minutes of its receipt I had it working—its performance is wonderful. Listening in has become a pleasure.  
(Sd.) W. G. BOURNE.

Just one of the many RCA owners who have about their pound possessions.

Now take a look at the model illustrated here. It is typical of the great RCA line, and you see at once that it is a fine piece of apparatus.... These amazing new receivers enable you to meet the demand for 'UNIVERSAL' models of the better kind.... Note their beautiful cabinets, their complement of metal tubes.... Hear them and you will be amazed at their tonal purity, their power, the way they pull in stations from near and far.... Their prices make them tremendous values.... These are additional proofs that RCA gives you the kind of Radios that never fail to entertain you.

## again all we ask is that you be the judge

You've seen beautiful cabinets, but never one with such grace of veneering line and proportion. You've seen radios that bring in many different types of programmes—but never one reproduces them so well. The new RCA receivers are at once a revelation of achievement and a revolution in superb home entertainment value.



UNIVERSAL MODELS T9-7  
AC-DC & T9-8, Nine tubes.

Universal Models T9-7 & T9-8 Nine Tubes Magic Brain Radios AC-DC 220 volt. New Magic Brain, Magic Eye, Metal Tubes. International coverage 540-18,000 kcs., standard and short waves, including 16, 19, 25, 31 and 49 metres. New 8 inch speaker and full complement of RCA's advance developments and technique for high performance and tone. T-9-8 provides the 155-320 long wave bands.

Here have been given brief technical features which result in outstanding performance of the RCA new models. But the final test of any radio set—no matter by whom it is designed and made—must be aural, so you are cordially invited to visit our show-rooms and listen to these models without the least obligation.

**AC Model T6-1:** Six tube Superheterodyne with metal tubes, 540 to 10,000 kcs.—8" speaker—4½ watts output.

**AC Model T7-5:** Junior Magic Brain.—The New Junior Magic Brain unit is a feature for better reception, as are RCA Metal Tubes. Reception from 440-18,000 kcs. 7 tubes, 8" speaker.

**Radiogram Model D7-7:** Seven tubes: Junior Magic Brain Radio-gramophone. The joy of local and foreign programmes and recorded music. Here, at low price, is an all-electric radio-phonograph with many new features, promising high radio value for every rupee spent.

**Radiogram Model D9-19:** Nine tubes: New Magic Brain radio-gramophone with Magic Eye and Metal tubes, 140-410, 540-1,800 and 6,000-18,000 kcs.... X band, foreign reception and recorded music reproduction.

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TUESDAY, 14th JULY 1936.

Delhi

VUD 340.136 metres, 882 kc/s.

TRANSMISSION I.

- 8-0 a.m. *Time Signal.*  
Bhajan by GHULAM FARID.
- 8-10 a.m. A. I. R. Orchestra. *Aheer Bhairon.*
- 8-20 a.m. Nawab Bai of Bombay. *Khayl Lalit.*
- 8-30 a.m. P. S. Mukerji. *Sarod—Asa.*
- 8-35 a.m. Ghulam Farid.  
"Behij abana mire ghar jo wob a jate hain Ektaswir dar-i-dil peh laga jate hain." (*Amir Minai.*)
- 8-45 a.m. Talk (*Hindustani*): "Train Thieves."  
By SYED WAZIR ALI SHAH.
- 9-0 a.m. Ghulam Sabir. *Sarangi. Bhairvin.*
- 9-10 a.m. Ghulam Farid. *Qawwali.*
- 9-20 a.m. Nawab Bai of Bombay.  
(a) Thumri Desi.  
(b) Ghazal.  
(c) Dadra.
- 9-45 a.m. Ghulam Farid.  
Mouthorgan. *Nautch Tunes.*  
(Assisted by A.I.R. Orchestra.)
- 10-0 a.m. *Close down.*

TRANSMISSION II.

- 1-0 p.m. *Time Signal.*  
Indian Recorded Music.
- 2-0 p.m. *Close down.*

TRANSMISSION III.

- 6-0 p.m. *Time Signal.*  
A. I. R. Orchestra. *Zilla.*
- 6-10 p.m. Ghulam Farid.  
"Dil-i-pur izzirab ne mara Isi khana kharab ne mara." (*Dagh.*)
- 6-20 p.m. 1st News Bulletin. (*Hindustani.*)
- 6-30 p.m. 1st News Bulletin. (*English.*)
- 6-40 p.m. Sardar. *Violin.*  
Mukerji. *Viola.*  
Tufail. *Tabla.* } *Basant.*
- 6-50 p.m. Nawab Bai of Bombay. *Thumri Pilu.*
- 7-0 p.m. Haidar Husain. *Saraswati Veena. Jait Kalyan.*
- 7-10 p.m. Narain Rao Vyas. *Classical Music.*
- 7-45 p.m. "For Villagers Only."
- 8-45 p.m. Talk (*Hindustani*): "Chukbast."  
By AL-E-AHMAD SAROOR.
- 9-0 p.m. Nawab Bai of Bombay. *Ghazal.*
- 9-10 p.m. Professor NARAIN RAO VYAS. *Classical Music.*
- 9-45 p.m. 2nd News Bulletin. (*Hindustani.*)
- 10-0 p.m. 2nd News Bulletin. (*English.*)

\*10-15 p.m. Talk (*English*): "The Andamans—a Penal Paradise."  
By L. V. DEANE, I.P.  
Mr. Deane, who is now Superintendent of Police at Simla, was Assistant Commissioner of the Andaman Islands from 1930 to 1935.

- \*10-30 p.m. **Dance Music.**  
By Peter Mendoza and His Band.
- FOX TROT - "I love to take orders from you" Warren.
- FOX TROT - "I've got my fingers crossed" McHugh.
- VALSE - "It's a sin to tell a lie" Mayhew.
- FOX TROT - "You have that Extra  
Something" Ellis.
- STOMP - "Bugle Call Rag" Pettis.
- TANGO - "La Comparsita" Arr. Mendoza.
- FOX TROT - "A Quayside in Old Shanghai" Arden.
- RUMBA - "My Shawl" Adams.
- BLUES - "St. Louis Blues" Handy.
- WALTZ - "Then you'll remember  
Vienna" Romberg.
- FOX TROT - "Canadian Capers" Chandler.

11-30 p.m. *Close down.*

\*Relayed from our Simla Studio.

Bombay

VUB 350.9 metres, 855 kc/s. 31.36 metres, 9,565 kc/s.

- 1-0 p.m. Available Market Rates.  
**European Lunch Hour Selections.** (*French music.*)
- 2-0 p.m. Talk: "Origin of Monsoon and its Movements."  
DR. K. R. RAMANATHAN.  
Relay from Rotary Club.
- 2-30 p.m. **The V. U. B. Indian Orchestra.**
- 3-0 p.m. **Light Music.**  
AFZALBAI of Berar.
- 4-0 p.m. *Close down.*
- 6-0 p.m. Relay of Music from Capitol Cinema.  
(By kind permission of the Management.)
- 6-30 p.m. Talk: "Bhawla's Solution of the Economic Problem."  
By SHIRIN FOZDAR.
- 6-45 p.m. "H. M. V. Presents"  
**Eugene Ormandy's Orchestra.**  
"Liebesfreud"  
"Traumerel."  
**Alfredo's Orchestra.**  
"Magyar Melodies."  
"Wedding Dance Waltz."  
**Vagabond Lover.**  
"As Long As Our Hearts Are Young."  
"Just a Vagabond Lover."  
**Paul Whiteman and His Orchestra.**  
"When Day Is Done."  
"Manhattan Serenade."  
**Comedy Harmonists.**  
"Barcarolle."  
"Hungarian Dance No. 5."  
Vivian Ellis (*Piano*).  
"Public Nuisance No. 1."  
**Eddie Duchin and His Orchestra.**  
"How Do I Rate With You."  
"You Took My Breath Away."  
**Barnabas Von Geczy and His Orchestra.**  
"Puszta."  
"Forget it, and Smile."  
**Light Opera Co.**  
"Neapolitan Nights." Parts 1 and 2.  
**Sydney Gustard.**  
"Nola."  
"Funeral March of a Marionette."  
**Marek Weber and His Orchestra.**  
"Leo Fall Potpourri." Parts 1 and 2.
- 8-0 p.m. **A Programme of French Music.**  
**By The Viennese Orchestra.**  
(Under Erwin Klein).  
OVERTURE - "Si J'atais roi" - A. Adam.  
FANTASIE - "Margarethe Faust" - Gounod.  
SUITE - "L'Arlesienne No. 1" - G. Bizet.  
- "L'Arlesienne No. 2" - G. Bizet.  
VIOLIN SOLO - "Thais Meditation" - J. Massenet.  
By Leo Bajtek.  
WALTZ-SONG - "Parlez-moi D'amour" - Jean Lenoir.
- 9-0 p.m. **News in English.**
- 9-15 p.m. **Commercial News and News in Hindi.**
- 9-30 p.m. **Classical and Light Music.**  
SB SANGIT RATNA KHA SAHEB ABDUL KARIM KHA.
- 11-0 p.m. *Close down.*

Calcutta

VUC 370.4 metres, 810 kc/s. 49.10 metres, 6,109 kc/s.

- 12-36 p.m. *Time Signal.*  
SB **A Studio Programme by Messrs. Taylor's Gramophone Saloon.**  
A Recital of the Latest "Parlophone" Records. Calcutta Weather Bulletin for Océanraft and Rivercraft (*if any*).
- 1-36 p.m. Talk: "Tuberculosis Legislation with regard to its Control and Prevention" By NIRMAL DAS GUPTA of the Tuberculosis Assn. of BENGAL.
- 2-6 p.m. **Vocal Music—(Bengali).**  
SUKHENDU GOSWAMY.
- 2-21 p.m. SURESH CHANDRA CHAKRAVARTY II.
- 2-36 p.m. Talk: "In an Island of Beauty." By BISHNU SARMA.
- 3-6 p.m. *Time Signal.*  
*Close down.*
- 5-36 p.m. *Time Signal.*  
**Children's Hour** conducted by MAJDIDI.  
Letters and Riddles.
- 5-46 p.m. How to grow bulbs in Bottles.
- 5-56 p.m. Recitation.
- 6-6 p.m. Health Notes.
- 6-21 p.m. Short Story.
- 6-36 p.m. **Music Training for Beginners.**  
By P. K. MULLICK.
- 7-6 p.m. **Vocal Music (Bengali).**  
SURA NATH MAZUMDAR.
- 7-21 p.m. HARIMATY.
- 7-36 p.m. **Instrumental Duet.**  
PANNA LAL GHOSE—*Flute.*  
CHAMU MISRA—*Sareenge.*
- 7-51 p.m. **News in English.**  
SB
- 8-6 p.m. **Vocal Music—(Contd).**  
DHIRAN CHATTERJEE—*Classical.*
- 8-21 p.m. Talk: "Panorama of India"  
SB By DURGAPADA BHATTACHARYA.
- 8-36 p.m. **Instrumental Music.**  
SB Betar Orchestra, conducted by TARAK NATH DEY.
- 8-51 p.m. Weather Forecast, General News Bulletin, Market Prices, Jute and Gunny Closing Rates (*In Bengali*).  
SB
- 9-6 p.m. **Pikler's Male Voice Chorus.**  
SB An Instrumental and Vocal Recital.
- 9-36 p.m. **Half an Hour's Vaudeville, featuring:—**  
**Freda Gray—Entertainer.**  
**The Baxter Banjo Trio.**
- 10-6 p.m. Weather Forecast, 2nd News Bulletin, Market Prices, Jute and Gunny Closing Rates (*In English*).  
SB
- 10-21 p.m. **Dance Music (Recorded) from the Studio.**  
SB
- 10-36 p.m. *Time Signal.*  
*Close down.*

Despite our efforts to synchronise the publication of the B. B. C. programmes with our Indian programmes we still find it impossible to include the whole fortnight's B. B. C. programmes in each issue. The B. B. C. programmes for July 12th (part), 13th, 14th and 15th will therefore appear in our next issue, whilst the B. B. C. programmes for June 28th, 29th and 30th appear on pages 674, 675 and 676.

All Times are given in Indian Standard Time.



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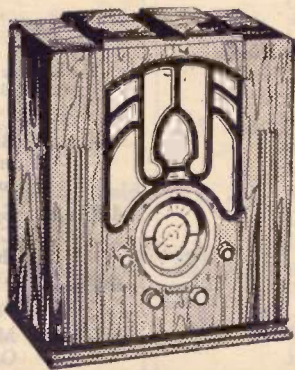
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**Globe Radio & Sound Corporation**

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Lamington Road, next to Pathe Cinema, BOMBAY 4.

WEDNESDAY, 15th JULY 1936.

Delhi

VUD 340.136 metres, 882 kc/s.

TRANSMISSION I.

- 8-0 a.m. *Time Signal.*  
Arti by A. I. R. Orchestra. (Chorus.)
- 8-10 a.m. B. S. Rawat. *Bhajan.*
- 8-20 a.m. Rashid Ahmad of Ajmer. *Ghaqal.*
- 8-30 a.m. P. S. Mukerji. *Sarod—Jangla Bhairvin.*
- 8-35 a.m. Allah Bandi of Hindaon. *Khayal Desi.*
- 8-45 a.m. Talk (Hindustani): "Children of Japan."  
By CHAMAN LAL.
- 9-0 a.m. Ashiq Ali Khan of Patiala. *Classical Music.*
- 9-50 a.m. Rashid Ahmad.  
"Khanjar bakaf jo apne qatil ko dekhte hain,  
Dil hamko dekhta hai ham dil ko dekhte hain."—  
(Amir Minai.)
- 10-0 a.m. *Close down.*

TRANSMISSION II.

- 1-0 p.m. *Time Signal.*  
Indian Recorded Music.
- 2-0 p.m. *Close down.*

TRANSMISSION III.

- 6-0 p.m. *Time Signal.*  
A. I. R. Orchestra. *Malwi.*
- 6-10 p.m. B. S. Rawat.  
"Woh yahan ate hain kis kis naz se  
Ik qadam uthta hai sao sao naz se."—(Majruh.)
- 6-20 p.m. 1st News Bulletin. (Hindustani.)
- 6-30 p.m. 1st News Bulletin. (English.)
- 6-40 p.m. Rashid Ahmad.  
"Shokhi thi qayamat tiri mastana ada men  
Firnon ne qadam chum liye laghzhish-i-pa men."—  
(Amir Minai.)
- 6-50 p.m. Ghulam Sabir. *Sarangi—Saj Giri.*
- 7-0 p.m. B. S. Rawat. *Thumri.*
- 7-10 p.m. Allah Bandi of Hindaon.—  
(a) Khayal Puria.  
(b) Thumri Aiman.
- 7-30 p.m. P. S. Mukerji. *Sarod—Kedara.*
- 7-35 p.m. Rashid Ahmad.  
"Nihan dil men ankhon men ayan ho,  
Kaho to meri jan akhir kahan ho."—(Zaki.)
- 7-45 p.m. "For Villagers Only."
- 8-45 p.m. Talk (Hindustani): "Toad-Stools."  
By Dr. ASGHAR A. HYDER.
- 9-0 p.m. Ashiq Ali Khan of Patiala—*Classical Music.*
- 9-35 p.m. Malang Khan. *Vichitra Veena—Begeshwari.*
- 9-45 p.m. 2nd News Bulletin. (Hindustani.)
- 10-0 p.m. 2nd News Bulletin. (English.)
- \*10-15 p.m. Talk (English): "Why do We Eat?"  
By Dr. H. C. MENKEL.
- 10-30 p.m. A. I. R. Orchestra. (Indian Serenade) "Zer-i-  
diwar."
- 10-45 p.m. Ashiq Ali Khan of Patiala—*Classical Music.*
- 11-15 p.m. Allah Bandi of Hindaon.  
(a) "Jo ab unse milna dobara na hoga,  
To jina bhi shayad hamara na hoga."—  
(Hasrat Mohani.)  
(b) "Lutf ki unse iltiya na karen  
Ham ne aisa kabhi kiya na karen."—(Hasrat  
Mohani.)
- 11-30 p.m. *Close down.*

\*Relayed from our Simla Studio.

Bombay

VUB 350.9 metres, 855 kc/s. 31.36 metres, 9,565 kc/s.

- 11-30 a.m. Selections of Indian Music.  
Gujerati and Hindustani Songs.
- 1-0 p.m. Available Market Rates.  
Jules Craen and his Quintet.  
Relayed from Taj Mahal Hotel.  
(By kind permission of the Management.)
- 2-0 p.m. *Close down.*
- 5-30 p.m. Relay of Indian Music from Krishna Cinema.  
(By kind permission of the Management.)
- 6-30 p.m. Gujarati Songs.  
JAGGANATH of Surat.
- 7-15 p.m. Exposition of Gatha.  
ERVAD FRAMROZ A. BODE, B.A.
- 7-30 p.m. Been Solos.  
LAKSHMANRAO CHAWAN.
- 8-0 p.m. Commercial News and News in Hindi.
- 8-25 p.m. Yusseff Effendi.  
Urdu and Hindustani Songs.
- 9-30 p.m. News in English.
- 9-45 p.m. Talk: "Topics of To-day."  
By C. P. G. WADE.
- 10-0 p.m. A Piano Recital.  
Maneck P. Bhagat.  
Sonata in C Minor - - - - - Mozart.  
Prelude Op. 25 No. 15 - - - - - Chopin.  
Nocturne Op. 9 No. 2 - - - - - Chopin.  
Danse - - - - - Debussy.
- 10-30 p.m. A Review of Gramophone Records.  
W. W. RUSSELL.
- 11-0 p.m. *Close down.*

Calcutta

VUC 370.4 metres, 810 kc/s. 49.10 metres, 6,109 kc/s.

- 12-36 p.m. *Time Signal.*  
SB The Grand Hotel Orchestra.  
Relayed from the Grand Hotel.  
Calcutta Weather Bulletin for Oceanraft and  
Rivercraft (if any.)
- 1-36 p.m. Talk: "Our Diet." By Dr. J. C. SARKAR.
- 2-6 p.m. Vocal Music (Bengali.)  
SATYENDRA NATH CHAKRAVARTY—Light.
- 2-21 p.m. BINAPANY—Religious.
- 2-36 p.m. Panchali by GOUR MOHAN MUKHERJEE.
- 3-6 p.m. *Time Signal.*  
*Close down.*
- 5-36 p.m. *Time Signal.*  
Recorded Selections.
- 6-6 p.m. Vocal Music.  
GOPAL CHANDRA MUKHERJEE—Dhrupad.
- 6-21 p.m. SATI DEVI—Light.
- 6-36 p.m. Instrumental Music.  
Arya Orchestra, conducted by SURENDRAHAL DAS
- 6-46 p.m. "The Temple of the Universal Mother."  
Composed and produced by BANI KUMAR.  
Music By P. K. MULLICK.
- 7-51 p.m. News in English.  
SB
- 8-6 p.m. An Orchestral and Vocal Concert from the  
Studio. (Recorded.)  
SB
- 8-36 p.m. Talk: "Murshidabad and its Early History."  
By C. F. HOOPER.  
SB
- 8-51 p.m. Weather Forecast, General News Bulletin,  
Market Prices, Jute and Gunny Closing Rates.  
(In English.)  
SB

- 9-6 p.m. Talk: "Devils and Demonology."  
SB By M. L. ROY.
- 9-21 p.m. Instrumental Music.  
SB Arya Orchestra (Contd.)
- 9-31 p.m. Humorous Sketch by AJIT CHATTERJEE.  
SB Vocal Music (Bengali.)
- 9-41 p.m. SUKRITI PROSANNA SEN—Light.  
SB
- 9-51 p.m. KASHI NATH CHATTERJEE—Light Classical.  
SB
- 10-6 p.m. Weather Forecast, and News Bulletin, Market  
SB Prices, Jute and Gunny Closing Rates. (In  
English.)
- 10-21 p.m. *Time Signal.*  
*Close down.*

B.B.C. for June 28th

TRANSMISSION 5.

The following frequencies will be used:  
GSP 15.31 Mc/s (19.60 m.), GSD 11.75 Mc/s (25.53 m.),  
GSC 9.58 Mc/s (31.32 m.).

- 4-30 a.m. Big Ben. "Till Tomorrow." \* A play in  
one act by Adrian Brunel. Production by  
John Pudney.
- 4-55 a.m. Sporting Commentaries, \* from Lord's  
Cricket Ground, from Wimbledon, and from  
the Royal Air Force Display, Hendon.
- 5-15 a.m. "English Humorists"—8: "Biffin on Hats,"  
by Harry Graham.
- 5-25 a.m. Music of the Open Air. The B.B.C. Empire  
Orchestra; leader, Daniel Melsa; conducted  
by Clifton Helliwell.  
Overture, The Merry-makers (Eric Coates). Folk Tune and  
Fiddle Dance for Strings (Fletcher). A Holiday Tune  
(B. J. Dale). Suite, Kountry Life: (1) Byways o' the Dee  
(2) Shepherd's Lament (3) Haymaker's Dance (Reginald  
King). Selection, The Arcadians (Monckton and Talbot).
- 6-10 a.m. The News and Announcements.  
*Greenwich Time Signal at 6-15 a.m.*
- 6-30 a.m. *Close down.*

TRANSMISSION 6.

The following frequencies will be used:  
GSD 11.75 Mc/s (25.53 m.), GSC 9.58 Mc/s (31.32 m.).

- 7-30 a.m. Big Ben. A Studio Concert. The Celebrity  
Trio. Wilfred Miles (Tenor).  
Trio: The Star and the Rose (Schwartz), Chinese Rhythm  
(Heller), Wilfred Miles: Maiden, my Maiden (Frederica);  
You are my Heart's Delight (Land of Smiles); Patiently  
Smiling (Land of Smiles) (Lehar). Trio: Song of Paradise;  
Windflowers (Reginald King), Wilfred Miles: I Pitch my  
Lonely Caravan (Eric Coates), The Song of Songs (Moya).  
Trio: Angel's Whisper (Henman), Moonbeams' Dance  
(Gibbons), Moto Perpetuo (Frank Bridge).
- 8-10 a.m. "Books to Read." \* Some suggestions for  
the listener's bookshelf, by Eric Gillett.
- 8-25 a.m. A Pianoforte Interlude by Cecil Dixon.  
Three Little Waltzes: No. 1 in C; No. 2 in B flat; No. 3 in F  
(Cyril Scott). Water Wagtail (Cyril Scott).
- 8-35 a.m. "Jill Comes Tumbling After!" \* Being the  
sixth and last in the series of adventures of  
Jack and Jill. Book and lyrics by Alec McGill;  
music by Jack Clarke. Production by  
William MacLurg.
- 9-10 a.m. The News and Announcements.  
*Greenwich Time Signal at 9-15 a.m.*
- 9-30 a.m. *Close down.*

TRANSMISSION 1.

The following frequencies will be used:  
GSD 11.75 Mc/s (25.53 m.), GSB 9.51 Mc/s (31.55 m.).

- 10-0 a.m. Big Ben. A Religious Service \* (Church of  
England), from All Saints', Margaret Street,  
London. Address by the Rev. Dom Bernard  
Clements, O.S.B. (Vicar).

All Times are given in Indian Standard Time.

- 10-52 a.m. **A Recital by Australian Artists.** Jessie King (Contralto), Daphne Harpur (Pianoforte).  
Jessie King: The Princess; The First Meeting; Margaret Cradle Song; Rosebud; Two Hazel Eyes (Grieg). Daphne Harpur: Fantasia in F minor (Chopin). Jessie King: Spring (Clive Carey). Song of the Open (La Forge), Praise ye the Lord (Granville Bantock), Nature's Friend (Michael Head), Daphne Harpur: Jeux d'eau (The Fountain) (Ravel), Suggestion diabolique (Prokofiev).
- 11-30 a.m. **Evening Song of Birds, with Tom Harrison to describe them.\*** Broadcast from a Hampshire Garden.
- 11-40 a.m. **Weekly Newsletter, Sports Summary, and Announcements.**  
Greenwich Time Signal at 11-45 a.m.
- 12-0 noon. **Close down.**

TRANSMISSION 2.

The following frequencies will be used: GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.).

- 5-30 p.m. **Big Ben. A Chopin Recital, by George Loughlin (Pianoforte).**  
Three Studies: in C sharp minor, Op. 25, No. 7; in G flat, Op. 25, No. 9; in F minor, Op. 25, No. 2. Two Preludes: in B flat, Op. 25, No. 21; in D minor, Op. 25, No. 24.
- 5-45 p.m. **A Short Religious Service.\***  
Hymn, Lord, While for All Mankind, we Pray (S.P., 320). "When Two or Three," page 54. Psalm 145, 1-13. Reading, Matthew IV, 1-11. Hymn, Father in Heaven, Who Lovest All (S.P., 488).
- 6-0 p.m. **The Bernard Crook Quintet. Enid Cruickshank (Contralto).**  
Quintet: Turkish March (Ruins of Athens) (Beethoven arr. Bernard Crook), Indian Lament (Dvorak, arr. Kreisler): Aragonese (Falla). Enid Cruickshank: Songs. Quintet. La fille aux cheveux de lin (Debussy). Water Nymph (Roger Quilter), Two Negro Melodies: (1) They will not Lend me a Child (2) My Lord Delivered Daniel (arr. Coleridge-Taylor).  
Greenwich Time Signal at 6-30 p.m.
- 6-30 p.m. **Weekly Newsletter, Sports Summary, and Announcements.**
- 6-50 p.m. **Music by Handel.†**
- 7-15 p.m. **Close down.**

TRANSMISSION 3.

The following frequencies will be used: GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.), GSF 15.14 Mc/s (19.82 m.).

- 7-30 p.m. **Big Ben. A Religious Service, from the Studio. Conducted by John R. Mott, F.R.G.S., LL.D., President of the World's Alliance of the Y.M.C.A.**
- 8-15 p.m. **Hebridean Songs, sung by Cathie B. McLean (Soprano).**  
Nuair bha mi og (When I was Young) (Mary MacPherson arr. E. Baptist). The Island Herdmaid; M'Eudail, M'Eudail Mac'ic Ailean (Heart of Fire-Love); Deirdre's Farewell (Kennedy-Fraser). Soraidh Slan le Fionn-Airidh (Farewell to Fiunary) (Norman MacLeod, Gaelic trans. Sinclair). The Peat Fire Flame; Land of Heart's Desire (Kennedy-Fraser).
- 8-35 p.m. **London Scenes, No. 5. Westminster Abbey, by R. A. Osborne.**
- 8-50 p.m. **A Recital by Edith Penville (Flute) and Muriel Liddle (Pianoforte).**  
Edith Penville: Idyll (Akimenko), Enfin. (R. Revell) Muriel Liddle: The Brook (Holcombe), Hark, Hark, the Lark (Schubert-Liszt), Serenade (Strauss-Gieseking). Edith Penville: Fantaisie caracteristique (Anderson).
- 9-10 p.m. **Weekly Newsletter, Sports Summary, and Announcements.**  
Greenwich Time Signal at 9-30 p.m.
- 9-30 p.m. **"Everyman's Club." A programme designed to celebrate the twenty-first birthday of Toc H.**
- 10-0 p.m. **Chamber Music. The London String Trio: Jean Pougnet (Violin); William Primrose (Viola); Anthony Pini, (Violoncello).**  
Divertimento in E flat (K. 563) (Mozart).
- 10-30 p.m. **Close down.**

TRANSMISSION 4.

Three of the following frequencies will be used: GSG 17.79 Mc/s (16.86 m.), GSI 15.26 Mc/s (19.66 m.), GSF 15.14 Mc/s (19.82 m.), GSD 11.75 Mc/s (25.53 m.), GSB 9.51 Mc/s (31.55 m.).

- 10-45 p.m. **Big Ben. Music by Chopin and Debussy.†**
- 11-0 p.m. **The B.B.C. Theatre Orchestra.**  
Greenwich Time Signal at 11-30 p.m.
- 11-30 p.m. **Weekly Newsletter, Sports Summary, and Announcements.**
- 11-50 p.m. **A Recital. The Kedroff Quartet. Helen Perkin (Pianoforte).**  
Quartet: Sacred Music from the Services of the Eastern Orthodox Church: Psalm (Ancient Tunes) (Ippolitov-Ivanov): O, Only Begotten Son (Ancient Tunes) (Kedroff); Our Father (Kedroff); Easter Hymn (Ancient Tunes) (Kedroff). Helen Perkin: Sonata in D: Allegro con brio; Largo e sostenuto; Finale, Presto ma non troppo (Haydn). Quartet: The Night (Schubert), Old Song (The Magic Flute) (Mozart), Evening Serenade (Lullaby) (Abt), Waltz (Strauss). Helen Perkin: Nocturne No. 7, in C sharp minor, Op. 27, No. 1; Nocturne No. 13 in C minor Op. 48, No. 1 (Chopin). Quartet: Summer Noon; In the Stillness of a Summer Night (Cui).
- 12-25 a.m. **A Religious Service (Church of Scotland), from South Leith Church.**  
Order of Service: Psalm No. 24, vv. 7-10 (Tune, St. George's, Edinburgh). Prayer. Hymn, Praise, my Soul, the King of Heaven (Rv. C.H., No. 21; A. and M., 298) Lesson. Prayer. Hymn, Lead us, Heavenly Father, Lead us (Rv. C.H., No. 563; A. and M., No. 281). Address by the Rev. Donald Davidson, B.D., B. Litt., Ph. D. Paraphrase No. 60 (Tune, Salzburg). The Blessing. Organist, W. W. Gilchrist Cochrane.
- 1-15 a.m. **"Everyman's Club."\* A programme designed to celebrate the twenty-first birthday of Toc H.**
- 1-45 a.m. **Albert Sandler and the Park Lane Hotel Orchestra, from the Park Lane Hotel, London.**
- 2-10 a.m. **Weekly Newsletter (Second Reading), Sports Summary, and Announcements.**
- 2-30 a.m. **A Recital by Joseph Shadwick (Violin).**  
Rondo (Mozart, arr. Kreisler). Pale Moon (Logan, arr. Kreisler). Serenade espagnole (Chaminade, arr. Kreisler).
- 2-45 a.m. **The B. B. C. Men's Chorus, conducted by Trevor Harvey. Owen Bryngwyn (Baritone). At the Pianoforte, Ernest Lush.**  
Begone, Dull Care. (B.S.S.B.). Cockles and Mussels (S.S.S.B.). Rio Grande; Shenandoah (arr. R. R. Terry). Some Folks Like to Sigh (B.S.S.B.). Kemo, Kimo; Rosalie; Polly-wolly doodle (S.S.S.B.). Farewell, Dear Heart (B.S.S.B.). Macnamara (arr. Mansell Thomas). Over the Sea to Skye (S.S.S.B.). All Through the Night (B.S.S.B.). B.S.S.B.—British Students' Song Book; S.S.S.B.—Scottish Students' Song Book.
- 3-15 a.m. **A Beethoven Symphony.†**  
Greenwich Time Signal at 3-30 p.m.
- 4-0 a.m. **Epilogue.\* A Tale that is Told—3: "Unto this Last."**
- 4-15 a.m. **Close down.**

\* Electrical recording. † Gramophone records.

B.B.C. for June 29th

TRANSMISSION 5.

The following frequencies will be used: GSP 15.31 Mc/s (19.60 m.), GSF 15.14 Mc/s (19.82 m.), GSC 9.58 Mc/s (31.32 m.).

- 4-30 a.m. **Big Ben. "Everyman's Club."\* A programme designed to celebrate the twenty-first birthday of Toc H.**
- 5-2 a.m. **A Recital by Redvers Llewellyn (Baritone).**  
The Two Grenadiers (Schumann). The Pilgrim's Song (Tchaikovsky). Silent Worship (Handel, arr. Somervell) To Daffodils; The Inn (Francis Toye). Old Mother Hubbard (in the style of Handel); The Song of Soldiers (Victor Hely-Hutchinson).
- 5-25 a.m. **A Religious Service,\* from the Studio. Conducted by John R. Mott, F.R.G.S., LL.D., President of the World's Alliance of the Y.M.C.A.**
- 6-10 a.m. **Weekly Newsletter, Sports Summary, and Announcements.**  
Greenwich Time Signal at 6-15 a.m.
- 6-30 a.m. **Close down.**

TRANSMISSION 6.

The following frequencies will be used: GSD 11.75 Mc/s (25.53 m.), GSC 9.58 Mc/s (31.32 m.).

- 7-30 a.m. **Big Ben. London Scenes, No. 5: Westminster Abbey, by R. A. Osborne.**
- 7-47 a.m. **A Sonata Recital by Mildred Litman (Violoncello) and Frank Britton (Pianoforte).**  
Sonata in D major, Op. 58: (1) Allegro assai vivace (2) Allegretto scherzando (3) Adagio (4) Molto allegro e vivace (Mendelssohn).
- 8-20 a.m. **A Religious Service\* (Church of England), from St. Mark's, North Audley Street, London.**
- 9-10 a.m. **Weekly Newsletter, Sports Summary, and Announcements.**  
Greenwich Time Signal at 9-15 a.m.
- 9-30 a.m. **Close down.**

TRANSMISSION 1.

The following frequencies will be used: GSD 11.75 Mc/s (25.53 m.), GSB 9.51 Mc/s (31.55 m.).

- 10-0 a.m. **Big Ben. The B.B.C. Empire Orchestra; leader, Daniel Melsa; conducted by Clifton Helliwell.**  
Keltic Overture (Foulds). Waltzes for Small Orchestra (Kovarovic). Suite, The King's Bal Masque: (1) Fanatical Dance. The Dervishes (2) Blue Beard and Fatima (3) Incantation. Hindoo Priests (4) Russian Dance, The Cossacks (Bendix). Selection, Rigoletto (Verdi).
- 10-40 a.m. **London Scenes, No. 5. Westminster Abbey, by R. A. Osborne.**
- 10-55 a.m. **A Recital by Margaret Pirie (Australian Contralto).**  
A Green Cornfield (Michael Head). The Time of Roses (Roger Quilter). Blackbird in the Apple Tree (Mark Lubbock). The Flute Across the Lake (Maori Love Song) (Leslie Elliott). Lullaby (Cyril Scott). Timothy (Harold Craxton). June Rhapsody (Landon Ronald).
- 11-10 a.m. **"Everyman's Club."\* A programme designed to celebrate the twenty-first birthday of Toc H.**
- 11-40 a.m. **The News and Announcements.**  
Greenwich Time Signal at 11-45 a.m.
- 12-0 noon. **Close down.**

TRANSMISSION 2.

The following frequencies will be used: GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.).

- 4-30 p.m. **Big Ben. The First Test Match: England v. All-India. A commentary by Howard Marshall, from Lord's Cricket Ground, London.**
- 4-45 p.m. **English Humorists—9.**
- 4-55 p.m. **Interlude.†**
- 5-0 p.m. **The Whitby Municipal Orchestra; leader, Tom Jenkins; conductor, Frank Gomez. From the Spa, Whitby.**  
Imitation des petits tambours (Solo Violin, Tom Jenkins) (Poliakin). Waltz, Visitors to the Spa (Gung'l). Judex (Mors et Vita) (Gounod). Selection, Iolanthe (Sullivan).
- 5-30 p.m. **"Fire at Sea," by Jerry Nunn.**
- 5-45 p.m. **Dance Music.†**
- 5-55 p.m. **Cricket Commentary (cont'd).**
- 6-5 p.m. **Dance Music.†**
- 6-15 p.m. **"Your Programmes from Daventry." A talk by the Empire Programme Director.**  
Greenwich Time Signal at 6-30 p.m.
- 6-30 p.m. **The News and Announcements.**
- 6-50 p.m. **Arthur Salisbury and his Orchestra, from the Savoy Hotel, London.**  
Faery Song (Boughton). Whistling Waltz (Woods). A Photograph of you (Felix Mendelssohn, Junr.). On Wings of Song (Mendelssohn). It's been So Long (Donaldson).
- 7-15 p.m. **Close down.**

## TRANSMISSION 3.

The following frequencies will be used :

GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.),  
GSF 15.14 Mc/s (19.82 m.).

Programmes may be interrupted for commentaries by Colonel R. H. Brand and Captain H. B. T. Wakelam on the All-England Lawn Tennis Club Championship, from the Centre Court, Wimbledon.

- 7-30 p.m. **Big Ben.** First Test Match : England v. All-India. Commentary by Howard Marshall, from Lord's Cricket Ground, London.
- 7-45 p.m. **Roland Powell's Quintet, from the Slieve Donard Hotel, Newcastle, County Down.**  
Irish Picnic (Ewing). Ah, Sweet Mystery of Life (Herbert). Coppelia Ballet (Delibes). Violoncello Solo, Serenade (Soloist, Frank Cooper) (Squire). Love's Dream after the Ball (Czibulka). Lily of Killarney (Benedict). Hindu Pictures, No. 1 (Lotter).
- 8-15 p.m. Reading.
- 8-30 p.m. **A Ballad Concert.** Leonie Zifado (Soprano). Ellis Keeler (Baritone).  
Leonie Zifado : Come to the Dance (Clutsam), The Star (James Rogers). Ellis Keeler : Onaway, Awake, Beloved (Cowan), If thou wert Blind (Noel Johnson), The Little Irish Girl (Lohr). Leonie Zifado : The Teasing Song (Goatley), Oh, Little Flower (Morales). Ellis Keeler : Ludlow Town (Michael Head), Shepherd. See thy Horse's Foaming Mane (Corby).
- 8-55 p.m. **First Test Match : England v. All-India.** Commentary by Howard Marshall, from Lord's Cricket Ground, London.
- 9-5 p.m. **"Your Programmes from Daventry."** A talk by the Empire Programme Director.
- 9-20 p.m. Musical Interlude.†
- 9-25 p.m. The News and Announcements.  
Greenwich Time Signal at 9-30 p.m.
- 9-45 p.m. **Charles Ernesco and his Quintet, with Richard Callando.**  
Musical-Comedy Medley (Ernesco and Saunders). Dolores (Waldeufel). Smilin' Through (Penn). South American Joe (Friend). Vivienne (Finck). Solitude (Ellington). A Bachelor Gay (Tate). La Gitana (Kreisler). Swing (Ellis).
- 10-15 p.m. Kipling Reading.
- 10-30 p.m. *Close down.*

## TRANSMISSION 4.

Three of the following frequencies will be used :

GSG 17.79 Mc/s (16.86 m.), GSI 15.26 Mc/s (19.66 m.),  
GSF 15.14 Mc/s (19.82 m.), GSD 11.75 Mc/s (25.53 m.),  
GSB 9.51 Mc/s (31.55 m.).

- 10-45 p.m. **Big Ben.** Sir Walford Davies : "Music and the Ordinary Listener : Keyboard Photography"—10.
- 11-15 p.m. Gramophone Records.  
Greenwich Time Signal at 11-30 p.m.
- 11-30 p.m. The News and Announcements.
- 11-50 p.m. **The B.B.C. Dance Orchestra, directed by Henry Hall.**
- 12-15 a.m. **"Your Programme from Daventry."** A talk by the Empire Programme Director.
- 12-30 a.m. **Will C. Pepper's "White Coons."** A concert-party show, revived and produced by Harry S. Pepper. Cast : Tommy Handley ; C. Denier Warren ; Wyn Ajello ; Paul England ; Jane Carr ; Joe Morley. At the Pianofortes : Harry S. Pepper and Doris Arnold.
- 1-30 a.m. A Violoncello Recital by W. H. Squire.  
Serenade (Squire). Jou-jou mecanique (Hekking). Meditation in C (Squire). Reigen (Roundelay) (Popper).
- 1-45 a.m. Variety. Claude Hulbert and Bobbie Comber.
- 2-0 a.m. English Humorists—9.
- 2-10 a.m. The News and Announcements.
- 2-30 a.m. Violin Virtuosi.†
- 2-45 a.m. The B.B.C. Theatre Orchestra.  
Greenwich Time Signal at 3-30 a.m.
- 3-45 a.m. **"Your Programmes from Daventry."** A talk by the Empire Programme Director.
- 4-0 a.m. A Recital of Scots Songs by Isobel Baillie (Soprano).
- 4-15 a.m. *Close down.*

## B.B.C. for June 30th

## TRANSMISSION 5.

The following frequencies will be used :

GSP 15.31 Mc/s (19.60 m.), GSF 15.14 Mc/s (19.82 m.),  
GSC 9.58 Mc/s (31.32 m.).

- 4-30 a.m. **Big Ben.** "Island Story." A fantasia on insular themes, composed by Cedric Cliffe. Produced by John Pudney.
- 5-0 a.m. Kipling Reading. \*
- 5-15 a.m. **The B.B.C. Empire Orchestra ; leader, Daniel Melsa ; conductor, Eric Fogg.**  
Overture, Der Bajazzo (Czibulka). Suite, Tales from a Fairy Book (Engelman). Heather Bells (Haydn Wood). Gavotte and Tambourin (Billi). Selection, Baby Bunting (Nat Ayer).
- 5-55 a.m. **"Your Programmes from Daventry."** A talk by the Empire Programme Director.
- 6-10 a.m. The News and Announcements.  
Greenwich Time Signal at 6-15 a.m.
- 6-30 a.m. *Close down.*

## TRANSMISSION 6.

The following frequencies will be used :

GSD 11.75 Mc/s (25.53 m.), GSC 9.58 Mc/s (31.32 m.).

- 7-30 a.m. **Big Ben.** A Pianoforte Interlude by Pamela Norris.  
Three Chopin Preludes ; in F minor, Op. 28, No. 18 ; in F major, Op. 28, No. 23 ; in B flat minor, Op. 28, No. 16. Prelude, Op. 12, No. 7 ; March from the Opera, The Love for Three Oranges, Op. 33 (Prokofiev).
- 7-41 a.m. **"Your Programmes from Daventry."** A talk by the Empire Programme Director.
- 7-56 a.m. **"Alabama Bound"—No. 2. \*** A Southern journey with Phyllis Scott, John Rorke and Albert King. The book by Phyllis Scott and John Rorke and the music, old and new, arranged by Phyllis Scott. Presented by William MacLurg.
- 8-25 a.m. **Sir Walford Davies : "Music and the Ordinary Listener : Keyboard Photography"—10. \***
- 8-55 a.m. Gramophone Records.
- 9-10 a.m. The News and Announcements.  
Greenwich Time Signal at 9-15 a.m.
- 9-30 a.m. *Close down.*

## TRANSMISSION 1.

The following frequencies will be used :

GSD 11.75 Mc/s (25.53 m.), GSB 9.51 Mc/s (31.55 m.).

- 10-0 a.m. **Big Ben.** "Your Programmes from Daventry." A talk by the Empire Programme Director.
- 10-17 a.m. **"Queue for Song," 2nd Edition. \*** An Empire promenade, presented by Reginald Smith.
- 10-56 a.m. **Fredric Bayco, at the Organ of the Dominion Theatre, Tottenham Court Road, London.**
- 11-25 a.m. "Club Room Conversations." \*
- 11-40 a.m. The News and Announcements.  
Greenwich Time Signal at 11-45 a.m.
- 12-0 noon. *Close down.*

## TRANSMISSION 2.

The following frequencies will be used :

GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.).

- 4-30 p.m. **Big Ben.** The First Test Match : England v. All-India. A commentary by Howard Marshall, from Lord's Cricket Ground, London.
- 4-45 p.m. The B.B.C. Northern Orchestra.
- 5-55 p.m. Cricket Commentary (cont'd).
- 6-5 p.m. **"Starlight"—Number Nine.** Interviews with famous stage people, and excerpts from their repertoires. No. 9 : Magda Kun and Steve Geray (the musical-comedy and film stars).
- 6-20 p.m. Dance Music.†  
Greenwich Time Signal at 6-30 p.m.
- 6-30 p.m. The News and Announcements.

6-50 p.m. **The Birmingham Theatre Royal Orchestra ; conductor, Sheridan Gordon. From the Theatre Royal, Birmingham.**  
Overture, Mignon (Ambrose Thomas). Selection, A Southern Maid (Fraser-Simson). Exotic Dance (Billi). Selection, Music to Children's Play, Adventure (Heming, arr. Guy Jones).

7-15 p.m.

*Close down.*

## TRANSMISSION 3.

The following frequencies will be used :

GSH 21.47 Mc/s (13.97 m.), GSG 17.79 Mc/s (16.86 m.),  
GSF 15.14 Mc/s (19.82 m.).

Programmes may be broken into for commentaries by Colonel R. H. Brand and Captain H. B. T. Wakelam on the All-England Lawn Tennis Club Championship, from the Centre Court, Wimbledon.

- 7-30 p.m. **Big Ben.** First Test Match : England v. All-India. Commentary by Howard Marshall, from Lord's Cricket Ground, London.
- 7-45 p.m. **Jack Wilson and his Versatile Five.**  
Dancing Shadows (Nussbaum). The Merry Mill (Peros, arr. Lucas). Lovely Lady (McHugh). A Little Rendezvous in Honolulu (Burke). Evergreens of Melody, No. 1 (arr. Wilson). Keyboard Kapers (Steele). Evergreens of Jazz, No. 3 (arr. Wilson).
- 8-15 p.m. Gramophone Records.
- 8-30 p.m. **"Foreign Affairs," by Sir Frederick Whyte, K.C.S.I., LL.D.**
- 8-45 p.m. Light Orchestral Music.†
- 8-55 p.m. **First Test Match : England v. All-India.** Commentary by Howard Marshall, from Lord's Cricket Ground, London.
- 9-5 p.m. Novelty Instrumental Music.†
- 9-25 p.m. The News and Announcements.  
Greenwich Time Signal at 9-30 p.m.
- 9-45 p.m. **The London Zigeuner Orchestra, directed by Ernest Leggett.**  
Incognito (May). Jour de fete (Leggett). Alborada (Joselite). Gipsy Violin (Betzner). Sweet Muchacha (Cameron). Johanna, Johanna, Johanna (Fall). Tormented (Hudson). She Came from Alsace-Lorraine (Carr). My First Love Song (Farr-Davies). Los Marimberos (Bochmann).
- 10-30 p.m. *Close down.*

## TRANSMISSION 4.

Three of the following frequencies will be used :

GSG 17.79 Mc/s (16.86 m.), GSI 15.26 Mc/s (19.66 m.),  
GSF 15.14 Mc/s (19.82 m.), GSD 11.75 Mc/s (25.53 m.),  
GSB 9.51 Mc/s (31.55 m.).

- 10-45 p.m. **Big Ben.** Dance Music.†
- 11-0 p.m. **The B.B.C. Military Band ; conductor, B. Walton O'Donnell. Jacques Antelme (Tenor).**  
Band : March, Pomp and Circumstance No. 2 (Elgar) Tragic Dance and Furlant (Schwanda the Bagpipier) (Weinberger, arr. Gerrard Williams). Jacques Antelme : La maison grise (Messager), O, cessate di piangere (Scarlatti), O, Could I but Express in Song (Malashkin), L'heure, exquisite (Hahn), Calling to me (Verdi), La Chrysantheme (Harito).  
Greenwich Time Signal at 11-30 p.m.
- 11-30 p.m. The News and Announcements.
- 11-50 p.m. **"Foreign Affairs," \* by Sir Frederick Whyte, K.C.S.I., LL.D.**
- 12-5 a.m. **The Gershom Parkington Quintet.**  
Berceuse (Jarnefelt). Fleurette ; Under the Elms (Victor Herbert). Campana a Sera (Billi). Minuet in D (Mozart). Gopak (Mussorgsky). Killarney (Balfé).
- 12-30 a.m. **A Violin Recital by Jelly d'Aranyi.**  
Chaconne (Vitali, arr. Chardier). What you will (Somervell). Jig (F. S. Kelly, arr. d'Aranyi). Spanish Dance No. 8 (Sarasate). Hungarian Dance, No. 8 (Brahms-Jochim).
- 1-0 a.m. **"Queue for Song," 2nd Edition. \*** An Empire promenade, presented by Reginald Smith.
- 1-39 a.m. **"Characters in Sport." Some of the Empire players over here this summer, by the Hon. H. B. Hermon-Hodge.**
- 1-54 a.m. Dance Music.†
- 2-10 a.m. The News and Announcements.
- 2-30 a.m. Old English Music.†
- 2-58 a.m. Romance in Rhythm. \*  
Greenwich Time Signal at 3-30 a.m.
- 3-58 a.m. **"Foreign Affairs," \* by Sir Frederick Whyte, K.C.S.I., LL.D.**
- 4-15 a.m. *Close down.*

\* Electrical recording.

† Gramophone records.

\* Electrical recording.

† Gramophone records.

## FOREIGN PROGRAMMES FROM JULY 1st TO JULY 15th

## GERMANY (Berlin)

## WEDNESDAY, JULY 1.

Call—Sign—Wavelength.

DJA—31-38 Metres. DJQ—19-63 Metres. DJN—31-45 Metres.

\*DJR—19-56 " \*DJE—16-89 " \*DJL—19-85 "

(\*) Experimental.

2-30 p.m. Woman's Hour: Interesting Female Professions: Women Jockeys. 2-45 p.m. "Ich hab' die Nacht getraumet . . . Songs by the Voelkner Duo. 3-0 p.m. News and Economic Review in English. 3-15 p.m. "The Garden of Orchids" by Walter Niemann. 3-45 p.m. Brass Band. 4-30 p.m. Concert of Light Music. 5-30 p.m. News in English. 5-45 p.m. Greetings to our listeners. 5-50 p.m. Concert of Light Music.

6-40 p.m. Greetings to our Listeners in India. 7-0 p.m. Concert of Light Music. 7-30 p.m. News and Economic Review in English on DJN. 7-45 p.m. To-day in Germany. Sound Pictures. 8-0 p.m. Hallo, girls and boys. 8-15 p.m. Gala Operatic Evening. 9-30 p.m. Close.

## THURSDAY, JULY 2.

2-30 p.m. Hitler Youth Programme: From the Work of the Hitler Youth: The "National Leaders' Training School" of the German Girls League. 3-0 p.m. News and Economic Review in English. 3-15 p.m. Summer Idyll. 4-30 p.m. Concert of Light Music. 5-30 p.m. News in English. 5-50 p.m. Topical Talk. 6-5 p.m. Concert of Light Music.

6-40 p.m. Greetings to our Listeners in the "Far East". 7-0 p.m. A German Poet from Abroad speaks: Heinrich Zilling. 7-15 p.m. Inauguration of "the Olympic Village". 7-30 p.m. News and Economic Review in English on DJN. 7-45 p.m. To-day in Germany. Sound Pictures. 8-0 p.m. Announcing the New Month. 8-45 p.m. Serenade Evening. 9-30 p.m. Close.

## FRIDAY, JULY 3.

2-30 p.m. Shortwave Amateurs' Hour. 2-45 p.m. Let us sing a Folk Song together. 3-0 p.m. News and Economic Review in English. 3-15 p.m. Military Concert. 4-30 p.m. Concert of Light Music. 5-30 p.m. News in English. 6-5 p.m. Concert of Light Music.

7-0 p.m. Foundation of the National Institute for German History. A Talk with Prof. Walter Frank. 7-15 p.m. "Wie Melodien zieht es . . ." 7-30 p.m. News and Economic Review in English on DJN. 7-45 p.m. To-day in Germany. Sound Pictures. 8-0 p.m. In Celebration of the 1000th Birthday of the Town of Quedlinburg. 9-15 p.m. Piano Compositions by Chopin. 9-30 p.m. Close.

## SATURDAY, JULY 4.

2-30 p.m. The Latest from Stage and Film. 2-45 p.m. Pieces by Chopin. 3-0 p.m. News and Economic Review in English. 3-15 p.m. Woman's Hour: "Madchenballade." 3-45 p.m. German Marches of Four Centuries. 4-30 p.m. Concert of Light Music. 5-30 p.m. News in English. 5-45 p.m. Greetings to our listeners. 5-50 p.m. Concert of Light Music.

6-40 p.m. Greetings to our Listeners in the Near East. 7-0 p.m. Woman's Hour: "Madchenballade." 7-30 p.m. News and Economic Review in English on DJN. 7-45 p.m. Today in Germany. Sound Pictures. 8-0 p.m. Shortwave Radio Amateurs' Hour. 8-15 p.m. Military Concert. 9-15 p.m. Let us sing a Folk Song together. 9-30 p.m. Close.

## SUNDAY, JULY 5.

2-30 p.m. Folk Song Singing by the Hitler Youth. 2-45 p.m. New German Music for Flute. Professor Herman Zanke. 3-0 p.m. News and Review of the Week in English. 3-15 p.m. Concert of Items by Request: Hallo, hallo! You wish—we play. 4-30 p.m. Concert of Light Music. 5-30 p.m. News in English. 5-45 p.m. Greetings to our listeners. 5-50 p.m. Concert of Light Music.

6-40 p.m. Greetings to our Listeners. 7-0 p.m. A Sunday Evening Programme. 7-15 p.m. Folk Song Singing by the Hitler Youth. 8-0 p.m. News and Review of the Week in English on DJN. 8-15 p.m. Gala, Wagner Evening. 9-0 p.m. The Latest from Stage and Film. 9-15 p.m. New Flute Music. 9-30 p.m. Close.

## MONDAY, JULY 6.

2-30 p.m. Brass Band. 3-0 p.m. News and Economic Review in English. 3-15 p.m. Ballads Old and New. 4-0 p.m. Sports Review. 4-30 p.m. Concert of Light Music. 5-30 p.m. News in English. 5-50 p.m. Concert of Light Music.

6-40 p.m. Greetings to our Listeners in the Far East. 7-0 p.m. Little Evening Entertainment. 7-30 p.m. News and Economic Review in English on DJN. 7-45 p.m. To-day in Germany. Sound Pictures. 8-0 p.m. "Gasparone". 9-15 p.m. Sports Review. 9-30 p.m. Close.

## TUESDAY 7, JULY.

2-30 p.m. Famous Musicians: Burchard Kaiser sings songs by Brahms and Wolf. 3-0 p.m. News and Economic Review in English. 3-15 p.m. Topical Talk. 3-30 p.m. Germans Out Yonder. 4-30 p.m. Concert of Light Music. 5-30 p.m. News in English. 6-5 p.m. Concert of Light Music.

7-0 p.m. Scottish Songs by Beethoven. 7-15 p.m. Topical Talk. 7-30 p.m. News and Economic Review in English on DJN. 7-45 p.m. To-day in Germany. Sound Pictures. 8-0 p.m. Chamber Concert for Harpsichord and 6 Solo Instruments by Karl Holler. 8-30 p.m. Old Operetta Tunes. 9-30 p.m. Close.

## WEDNESDAY, JULY 8.

2-30 p.m. Woman's Consultation Hour. 2-45 p.m. A Generation's Changes in Germany: The New Aspect of German Cities II. Frankfurt M. 3-0 p.m. News and Economic Review in English. 3-15 p.m. Melodies from Popular Operettas. 4-30 p.m. Concert of Light Music. 5-30 p.m. News in English. 5-45 p.m. Greetings to our listeners. 5-50 p.m. Concert of Light Music.

6-40 p.m. Greetings to our Listeners in India. 7-0 p.m. Hitler Youth Programme: Who is Sharper? A Play about a Town Feud of the "Young-Folk." 7-15 p.m. Songs by Konrad Ramrath. 7-30 p.m. News and Economic Review in English on DJN. 7-45 p.m. To-day in Germany. Sound Pictures. 8-0 p.m. Woman's Consultation Hour. 8-15 p.m. Abu Hassan. 9-30 p.m. Close.

## THURSDAY, JULY 9.

2-30 p.m. Hitler Youth Programme: The Country in Summer. 3-0 p.m. News and Economic Review in English. 3-15 p.m. National-Socialist Books: Alfred Rosenberg's "Gestaltung der Idee." 3-30 p.m. Rocco Glamour. 4-30 p.m. Concert of Light Music. 5-30 p.m. News in English. 5-50 p.m. Topical Talk. 6-5 p.m. Concert of Light Music.

6-40 p.m. Greetings to our Listeners in the Far East. 7-0 p.m. Brass Band. 7-30 p.m. News and Economic Review in English on DJN. 7-45 p.m. To-day in Germany. Sound Pictures. 8-0 p.m. A Generation's Changes in Germany: The New Aspect of German Cities. II. Frankfurt-on-the-Main. 8-15 p.m. A Rendezvous North, East, South, West. A Merry Wrangle. 9-30 Close.

## FRIDAY, JULY 10.

2-30 p.m. Popular Musical Programme. 3-0 p.m. News and Economic Review in English. 3-15 p.m. Hallo, girls and boys! 3-30 p.m. All honour to Handicraft! 4-30 p.m. Concert of Light Music. 5-30 p.m. News in English. 6-5 p.m. Concert of Light Music.

7-0 p.m. Hitler Youth Programme: The Land in Summer-time. 7-30 p.m. News and Economic Review in English on DJN. 7-45 p.m. To-day in Germany. Sound Pictures. 8-0 p.m. Franz Liszt: From the "Travel Years" At the piano: Bruno Hinze-Reinhold. 8-15 p.m. Military Concert. 9-30 p.m. Close.

## SATURDAY, JULY 11.

2-30 p.m. Woman's Hour: "The Porcelain Heart." A Play by J. Lorey. 3-0 p.m. News and Economic Review in English. 3-15 p.m. Concert Hour: "Singing on the Water." 3-45 p.m. New German Legislation. Dr. Fritz Schwiegk. 4-0 p.m. Good-night Programme. 4-30 p.m. Concert of Light Music. 5-30 p.m. News in English. 5-45 p.m. Greetings to our listeners. 5-50 p.m. Concert of Light Music.

6-40 p.m. Greetings to our Listeners in the "Near East". 7-0 p.m. Popular Musical Programme. 7-30 p.m. News and Economic Review in English on DJN. 7-45 p.m. To-day in Germany. Sound Pictures. 8-0 p.m. New German Legislation. Dr. Fritz Schwiegk. 8-15 p.m. A Dancing Lesson as it used to be and as it is. 9-0 p.m. The Ace of Hearts, Some Waltz Trumps. 9-30 p.m. Close.

## SUNDAY, JULY 12.

2-30 p.m. Hitler Youth Programme: Little Compositions of three Composers of the H.Y. 2-45 p.m. Variations for Clarinet and Piano by Carl Maria v. Weber. 3-0 p.m. News and Review of the Week in English. 3-15 p.m. "Jorg vertell." Handicraftmen's Songs and Jokes. 3-45 p.m. String Quartet in F major by Kurt Hessenberg. The Lenzewski Quartet. 4-30 p.m. Concert of Light Music. 5-30 p.m. News in English. 5-45 p.m. Greetings to our listeners. 5-50 p.m. Concert of Light Music.

6-40 p.m. Greetings to our Listeners. 7-0 p.m. A Sunday Evening Programme. 7-15 p.m. Topical Talk: 7-30 p.m. News and Review of the Week in English on DJN. 7-45 p.m. Popular Orchestral Concert. 9-0 p.m. Concert Hour "Singing on the Water". 9-30 p.m. Close.

## MONDAY, JULY 13.

2-30 p.m. Music by the Reichswehr. 3-0 p.m. News and Economic Review in English. 3-15 p.m. New Voices at the Microphone. 4-0 p.m. Sports Review. 4-30 p.m. Concert of Light Music. 5-30 p.m. News in English. 5-50 p.m. Concert of Light Music.

6-40 p.m. Greetings to our Listeners in the Far East. 7-0 p.m. "Jorg vertell". Handicraftmen's Songs and Jokes. 7-30 p.m. News and Economic Review in English on DJN. 7-45 p.m. To-day in Germany. Sound Pictures. 8-0 p.m. "Wem Gott will rechte Gunst erweisen . . ." Music and Poetry. 8-45 p.m. Dance Music. 9-15 p.m. Sports Review. 9-30 p.m. Close.

## TUESDAY, JULY 14.

2-30 p.m. Famous Musicians: Luise Gmeiner, Piano, plays the Sonata in C major op. 2 and "Bagatellen" by Beethoven. 3-0 p.m. News and Economic Review in English. 3-45 p.m. Here comes the German Minstrel. 4-0 p.m. "Und dennoch lieb' ich Dich". 4-30 p.m. Concert of Light Music. 5-30 p.m. News in English. 6-5 p.m. Concert of Light Music (contd.)

7-0 p.m. Hitler Youth Programme by the German Girls League: "Sun, sun, shine!" How we scare away the rain. 7-15 p.m. Adagio and Scherzo for Piano Quartet by Josef Suder. 7-30 p.m. News and Economic Review in English on DJN. 7-45 p.m. To-day in Germany. Sound Pictures. 8-0 p.m. Request Concert: Hallo hallo! You wish—we play. 9-30 p.m. Close.

## WEDNESDAY, JULY 15.

2-30 p.m. Romantic Pieces for Violin and Piano by Dvorak. 2-45 p.m. "The German Economic Situation." Karl Emil Weiss. 3-0 p.m. News and Economic Review in English. 3-15 p.m. Summer night Reveries. 4-30 p.m. Concert of Light Music. 5-30 p.m. News in English. 5-45 p.m. Greetings to our listeners. 5-50 p.m. Technical Tips for the Radiofan. 5-55 p.m. Concert of Light Music.

6-40 p.m. Greetings to our Listeners in India. 7-0 p.m. Music by a Reichswehr Band. 7-30 p.m. News and Economic Review in English on DJN. 7-45 p.m. To-day in Germany. Sound Pictures. 8-0 p.m. Variety Operatic Hour. 9-15 p.m. Sonata for Viola and Piano by W. Petersen. 9-30 p.m. Close.

All Times are given in Indian Standard Time.

# Holland (Phohi)

Wavelength 16'88 Metres.

## THURSDAY, JULY 2.

6 p.m. Opening announcement. 6-10 p.m. Music. 6-15 "LATEST NEWS FROM HOLLAND." 6-30 p.m. The Broadway Serenaders. 6-50 p.m. "Criss-cross through the Netherlands." 7-5 p.m. Music. 7-20 p.m. The Broadway Serenaders. 7-40 p.m. Well-known Hollanders before the PHOHI microphone. Talk. 8 p.m. Close down.

## FRIDAY, JULY 3.

6 p.m. Opening announcement. 6-10 p.m. Music. 6-15 "LATEST NEWS FROM HOLLAND." 6-30 p.m. Declamation. 6-50 p.m. Music. 7-10 p.m. Song recital. 7-30 p.m. Netherlands composers. 7-50 p.m. Dance music. 8 p.m. Close down.

## SATURDAY, JULY 4.

6 p.m. Opening announcement. 6-5 p.m. THE TROUBADOURS. 6-15 p.m. "LATEST NEWS FROM HOLLAND." 6-30 p.m. The Troubadours. 6-55 p.m. Microphone debutants. 7-10 p.m. The Troubadours. 7-30 p.m. News Talk. 7-50 p.m. The Troubadours. 8 p.m. Close down.

## SUNDAY, JULY 5.

6 p.m. Opening announcement. 6-5 p.m. "LATEST NEWS FROM HOLLAND." 6-15 p.m. Broadcast by the R. Cath. Broadcast. Ass. for the Indies. March. Talk on literature. Music. Political review. Mission news. Music 7-15 p.m. "FROM MAIL TO MAIL IN HOLLAND." 7-40 p.m. Talk. on behalf of the Y.M.C.A. 8 p.m. Close down.

## MONDAY, JULY 6.

6 p.m. Opening announcement. 6-10 p.m. Music. 6-15 p.m. "LATEST NEWS FROM HOLLAND." 6-30 p.m. Talk on music by Wouter Hutschenruyter. 6-50 p.m. "MEETING OF THE PHOHI CLUB." 7-20 p.m. Light music. 7-40 p.m. Talk on sports. 8 p.m. Close down.

## THURSDAY, JULY 9.

6 p.m. Opening announcement. 6-10 p.m. Music. 6-15 "LATEST NEWS FROM HOLLAND." 6-30 p.m. Cabaret program. 6-50 p.m. "Criss-cross through the Netherlands." 7-5 p.m. Music. 7-20 p.m. Second part of the cabaret programme. 7-40 p.m. Talk. "We are waiting for the newspaper." 8 p.m. Close down.

## FRIDAY, JULY 10.

6 p.m. Opening announcement. 6-10 p.m. Music. 6-15 "LATEST NEWS FROM HOLLAND." 6-30 p.m. Talk on literature. 6-45 p.m. Music. 6-50 p.m. Talk. 7-10 p.m. Talk. 7-30 p.m. Amateurs from the eleven provinces before the PHOHI microphone 8 p.m. Close down.

## SATURDAY, JULY 11.

6 p.m. Opening announcement. 6-10 p.m. Music. 6-15 "LATEST NEWS FROM HOLLAND." 6-25 p.m. The PHOHI Trio. 6-40 p.m. News talk. 7-0 p.m. The PHOHI Trio continues the programme. 7-15 p.m. Microphone debutants. 7-30 p.m. PHILIPS RADIO REVUE. 8 p.m. Close down.

## SUNDAY, JULY 12.

6 p.m. Opening announcement. 6-5 p.m. "LATEST NEWS FROM HOLLAND." 6-15 p.m. Broadcast by the R. Cath. Broadcast. Ass. for the Indies. March. Talk. Music. Political review. Mission news. Music. 7-15 p.m. "FROM MAIL TO MAIL IN HOLLAND." 7-35 p.m. "The Haghe Sanghers." 8 p.m. Talk. 8-15 p.m. Close down.

## MONDAY, JULY 13.

6 p.m. Opening announcement. 6-10 p.m. Music. 6-15 "LATEST NEWS FROM HOLLAND." 6-30 p.m. MEETING OF THE PHOHI CLUB. 6-50 p.m. "Louise." Opera by Gustave Charpentier. 7-40 p.m. Talk on sports. 8 p.m. Close down.

# Italy (Rome)

Wavelength 25'4 Metres.

## I.S.T. WEDNESDAY, July 1.

7-30 p.m. News in English. VIOLIN CONCERT. Admiral GIULIANO PINI, former Italian Consul in Mengtsz, Address on "The Italians' role in the construction of the Yunnan Railway". PIANO CONCERT. CLASSICAL MUSIC by *String Quartet*.

## THURSDAY, July 2.

7-30 p.m. News in English. MODERN MUSIC BY TRIO. Songs. SYMPHONY CONCERT by the *E.I.A.R. Orchestra*.

## FRIDAY, July 3.

7-30 p.m. News in English. Kodaly's Opera "THE MAGYAR SPINNING MILL" transmitted from the E.I.A.R. Studio in Turin. Short Lecture on "The Structure of Fascist Italy".

## SATURDAY, July 4.

7-30 p.m. News in English.  
7-45 p.m. Transmission in Hindustani. C.E.T.R.A. Light Orchestra: MUSICAL SELECTIONS. FOLKLORE DUETS. Neapolitan Songs.

## MONDAY, July 6.

7-30 p.m. News in English. SYMPHONY CONCERT by the *E.I.A.R. Studio in Rome*. Address on subject of general interest. Soprano and Tenor Vocal Duets.

## TUESDAY, July 7.

7-30 p.m. News in English. BAND CONCERT: Pot-pourris of Operatic Music. Operatic Songs. Vocal Duets.

## WEDNESDAY, July 8.

7-30 p.m. News in English. CONCERT by Cellist. H. E. GIUSEPPE BOTTAI, Governor of Rome, Address on "Italian Addis Ababa's future". Songs. INTERMEZZI for *Light Orchestra*.

## THURSDAY, July 9.

7-30 p.m. News in English. SYMPHONY CONCERT of Modern Music by *E.I.A.R. Orchestra*. PIANO CONCERT. VIOLIN CONCERT.

## FRIDAY, July 10.

7-30 p.m. News in English. One Act from Janacek's Opera "JENUFA" transmitted from the E.I.A.R. Studio.

## SATURDAY, July 11.

7-30 p.m. News in English.  
7-45 p.m. Transmission in Hindustani. CONCERT by the *Roman Plectrum Orchestra*. FOLK Songs.

## MONDAY, July 13.

7-30 p.m. News in English. SYMPHONY CONCERT by the E.I.A.R. Studio in Turin. Address in *Japanese* on "Travel in Italy." Songs by Soprano and Baritone.

## TUESDAY, July 14.

7-30 p.m. News in English. CONCERT BY LIGHT ORCHESTRA OPERATIC SONGS by Tenor and Soprano.

## WEDNESDAY, July 15.

7-30 p.m. News in English. VIOLIN CONCERT. Comm. EUGENIO GIOVANNETTI: Address on "Recent developments of fiction in Italy". Songs. PIANO CONCERT.

# Short-Wave Timetable

STATIONS.	METRES.	I. S. T.
Pittsburgh, Pa.	13.93	5-30 to 6-30 p.m. daily.
Bandoeng, Java	15.93	7-30 to 8-30 Tuesdays, Thursdays, Saturdays.
Budapest, Hungary.	19.53	6-30 to 7-30 p.m. Sunday.
Schenectady, N. Y.	19.57	10-30 to 11-30 a.m. 8-30 to 11-30 p.m. daily.
Buenos Aires, Arg.	19.62	9-30 p.m. to 6-30 a.m. irregular.
New York, N. Y.	19.65	10-30 a.m. to 4-30 p.m. 6-30 p.m. to 3-30 a.m. daily
Pontoise, France	19.68	4-30 to 8-30 p.m. daily.
Pittsburgh, Pa.	19.72	7-30 p.m. to 4-30 a.m. daily.
Moscow, U.S.S.R.	19.95	12-30 to 8-30 p.m. daily.
Tokyo, Japan	20.55	4-30 to 5-30 a.m. daily. From 3-30 a.m. on Tuesdays and Fridays.
Suva, Fiji	22.95	9-30 to 11-30 a.m. irregular.
Rabat, Morocco	23.38	6-30 to 8-30 p.m. on Sundays.
Moscow, U.S.S.R.	25.00	5-30 to 8-30 p.m. on Sundays, 0-30 to 1-30 a.m. on Mondays.
Pontoise, France	25.25	9-30 p.m. to 3-30 a.m. daily.
Pittsburgh, Pa.	25.27	3-30 to 6-30 a.m. daily.
Manila, Phillipines	25.34	11 a.m. to 5 p.m. daily.
Pontoise, France	25.60	4-30 to 11-30 a.m. daily.
Bangkok, Siam	27.38	6-30 to 8-30 a.m. daily.
Tokyo, Japan	27.93	10-30 to 5-30 p.m. irregular.
Tokyo, Japan	28.14	9-30 a.m. to 6-30 p.m. irregular.
Medan, Sumatra	28.76	4-30 to 5-30 p.m. daily.
Buenos Aires	28.98	4-30 to 5-30 a.m. daily.
Bandoeng, Java	29.24	3-30 to 7-30 p.m. daily.
Madrid, Spain	30.43	3-30 to 7-30 a.m. daily.

All Times are given in Indian Standard Time.



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*Sd/-* Inspecting Officer of the  
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Bombay, 30th April 1936.

"In reply to your enquiry as to the working of the Wards "Airline" 10-tube Radio Set that I purchased from you about 9 months ago, I would state that I am very satisfied indeed with its performance, and consider that it is by far the best set of the many I tried before purchasing your Set.

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