be diffused, which in turn would create a new set of colours in motion and tone. From this tower mound of sound, each note sent out over this part of the garden, would sooner or later catch the ear of a bird or other garden dweller. Sometimes good music just for dancers, sometimes gay music of the type of the love scenes in the newest on the shelf, sometimes a higher level of music: the highest, most profound music. The music would be sent out as pulses of the day that would touch the majesty. Perhaps every day in this manner, just for dancing, or just for the birds or insects that have the same color of the garden. Just for the birds, or insects with music in their veins.

The music could be sent out by wind, the wind of the orchestra, or the music of the wind itself. The wind itself could be a large organ, so that those who like to see or as well as hear music-making could be found in this garden, instead of in the gardens or covered parts of the gardens. The tower would be so high, and the leanness of the music so adjusted, that those who could hear it could hear it; others walking about without

The music would be clear and full and sharp by the ears. It could be directed to parts of the garden, but it is almost impossible to do so.

Of course these recreation centres must not be over-produced, but each type of music and each colour must only to make cost and income equal. This is possible, just as we do not care to supply to all the different parts of the garden, and in the direction in which the music is sent.

JOHN HAAI GOLF CUP

The John Haai Whisky Cup for annual golf tournaments among the Victorian Broadcasting Stations was won by M7Z.

The tournament was played on the Victoria Links on May 27, at which the first prize of $1,000 was won by last year's M7Z winner, F. W. T. The second place went to another M7Z player, F. W. T. The third place was won by 3A W, the Victoria player, F. W. T. The fourth place was won by 3A W, the Victoria player, F. W. T.

The arrangements were in the hands of Miss Knight of 3A W and Hatz of M7Z.

5X PROGRESSES

It is understood that many applications have been received by 3XW for mining recently. As many as 300 applications were received from the whole world, including New Zealand. Although the positions so far offered have not been filled, the applicants last week had narrowed their choice down to the number of thirty who were given an audition.

A remittance is circulating in Melbourne that the call sign of the Company is to be changed. This is quite interesting, according to the P.M.G. Department. The station will be known as 3XW, the licence being granted to 3XW Pty. Ltd., which is connected with the Young National Party.

The licence has been subject to Federal Broadcasting Pty. Ltd, of which Mr. F. W. T. is Managing Director.

3XW'S NEW RADIO

Station 3XW has received a new licence for the same location. It is a powerful 250W transmitter, and will be extensively powered.

This is a comprehensive, very interesting story, and should be interesting reading of the day's transmission.

WRONG DATE

3XW'S NEWSTIME IN RADIO, CONTINUED

THE C.B.S. (Columbia Broadcasting System) for the same four months, totalled $6,824,206 as compared to $3,707,001 for the same period last year.

For the month of April the C.B.S. income was $1,979,283, a drop of over $200,000 from the preceding month, but an improvement on the $1,377,001 for April, 1934.

It is unfortunate that the atmospheres were so unkind on a recent Saturday when the public was not arranged to re-broadcast the opening of the Wheeler-Row Marathon. While arrangements were made to relay the public into the Wheeler-Row Marathon. By arrangement with the Victorian Government, the C.B.S. was able to make a very elaborate broadcast, including a re-broadcast service for re-broadcast in the evening session. Atmospheres, however, made the project an impossibility.

The controversy raging in America among the various news-gathering organisations, the press and the broadcasting stations, is growing space and promises to develop into a first-class price-cutting war as to the value of the audience view. They are interested in re-broadcasting their listeners to the America, and in the public services they can be sent away with apparent idea of breaking the monopoly of the American Broadcasting.

For the month of April, the N.B.C. network (red and blue) collected $2,960,118 as compared to $2,960,118 for the same month in 1934. For the first four months of the year the N.B.C. has earned in total sales, $1,153,568 as compared to $9,425,042 for the same period in 1934.

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2SM's NEW TRANSMITTER
A Modern Station—Highest Mast

COMMERCIAL BROADCASTING STATION 2SM opened their new transmitter at Pennant Hills on Friday last, June 21, and the official cross over took place at 5 p.m. with an address by the Right Rev. Monsignor Meaney, Manager of the Station, which was followed by a big feature programme specially arranged to introduce the important business of Station 2SM and Associated Wireless.

This new 2SM "ekky whiz" radio broadcast transmitter is one of the mile modern type, giving reproduction of an extremely high order. It was designed and manufactured by Associated Wireless. The audio frequency range of this station, is claimed by the manufacturers, to be fine from 30 to 10,000 cycles.

The new 2SM is from the highest mast 450 feet high, encequadrant mast 450 feet above sea level and the only vertical half wave antenna was used in operation. Australia.

The new 2SM is broadcast by the Pennant Hills Special Radio Inspector, who was present to give "go" to the programme and the commercial station in order that increased signal strength of the commercial stations could be put into the broadcast by 50,000 watt power. Many questions of the increased signal strength to give greater amplification was at their disposal to their maximum capacity to be used in the 2SM new transmitter.

Mr. L. A. Hooker, Engineer A.W.A. at the Controls.

2SM's new Broadcast Transmitting Hall and half-wave radiators—only one of its kind in operation in Australia—located at Pennant Hills

It was capable of true reproduction and had an audio frequency response of from 30 to 10,000 cycles. He said the feature of the station was the absence of an aerial and that the mast itself, which is 450 feet high, acted as the radiator. This special type of half wave radiator would naturally reduce fading and create a more uniform radiation of signals in all directions. Engineers reliably estimated that the improvement would be at least 25% better than if the same equipment was being used on an elevated aerial.

Mr. Hooker also noted that this new 2SM was a couple of the high power transmitters that A.W.A. were new generation of transmitters that company was able to get the New Zealand contract against world wide competition. On four occasions a W.A. has been successful in the Daily Bulletin, "As a result of this, Mr. Hooker, that means quite a lot in broadcasting. It is practically all the equipment was made to this country.

Mr. Hooker then described the modern aspect of the transmitter, such as, the various electronic suppressions, shockproof nature of the apparatus which contains only half a ton of current and prohibits any damage to the 2SM equipment.

He assessed that this New Station was more than a station, it was a station to be of service to the public. This new transmitter was designed for this purpose and is one of its kind in Australia.

The Greater Power

Mr. Hooker then urged W. T. S. Crawford, Senior Radio Inspector, who was present to give "go" to the programme and the commercial station in order that increased signal strength of the commercial stations could be put in the broadcast by 50,000 watt power. Many questions of the increased signal strength to give greater amplification was at their disposal to their maximum capacity to be used in the 2SM new transmitter.

Mr. Hooker expressed himself for the absence of Senior Examiner (one of the Directors) in the installation. The station was very well, and Mr. Hooker said that the station was the modern broadcasting station possible.

Monsignor Meaney

Monsignor Meaney then rose, stood up, and said, in reference to the presence of the staff, "I think you should all be up to date."

After all, it was simply logic and working in a modern station. They were now fitted with the old 2SM equipment in every way, but his idea was to go one step further.

"But there is no limit to the new transmission, for believe it or not, the best in Australia is in Sydney."

"This new transmitter would give everyone better transmission and better quality.

In expressing thanks to A.W.A., for taking care of the 3SM side of things, Monsignor Meaney said that 2SM was the best company in the world. They were the best Merson Corporation in England, and the Radio Corporations of America, but he still believed that Associated Wireless was worthy of great praise, and that he, and his associates, were fortunate in being under the wing of such an efficient organisation.

Mr. Hooke then added: "Mr. McDonald, Chief Engineer of A.W.A., to explain to the gathering, the engineers associated with the actual installation, and later the party adjusted to the "big wave" that just punishes the narrative station house.

Gladly, his efforts on the new 2SM transmitter, the information and reception were excellent. He had every reason to believe that the 2SM was a better one, and this added corn to his programme with modern equipment, and also improved A.W.A., to produce the excellent broadcasting station.

Rapid Obsolescence

During his speech at the broadcast hall, Mr. Hooker said that this was the last time the old 2SM equipment was to be used, and that the new equipment would give everyone better transmission and better quality.

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BROADCASTING Gossip...
(Continued from Page 11)

The Director of Education, Queensland, Mr. H. E. Kennedy, visited last week for the United Kingdom and Europe. At a presentation made to him by members of the Queensland Teachers' Federation, he said: "No doubt we have done a great deal for education in Queensland, but I am quite sure that we can do a great deal more. Changes are taking place rapidly throughout the world, and educational methods must be changed in line with the progress and advance of science. More especially now that we look into the extent to which broadcasting is playing a part in education.

I am certainly going into this thing, and hope to be able to visit Great Britain, where there has been possibly the greatest development in broadcasting."

Population Ratio 6.83

New Issues .. .. .... .... 1,438

Cancellations .. ... .... 212

Nett Increase 866 .... 792

Population Ratio 12.77 12.94

VICTORIA
New Issues .. .. .... .... 4,070 .... 1,116

Renewals .. .. .... .... 19,995 .... 6,625

Cancellations .. ... .... 1,273 .... 3,176

Monthly Total . . . . . . 23,313 .... 23,615

Nett Increase 1,797 .... 2,540

Population Ratio 11.37 12.89

QUEENSLAND
New Issues .. .. .... .... 1,458 .... 1,991

Renewals .. .. .... .... 6,473 .... 4,671

Cancellations .. ... .... 254 .... 800

Monthly Total . . . . . . 76,169 .... 66,931

Nett Increase 984 .... 2,342

Population Ratio 19.5 8.57

SOUTH AUSTRALIA
New Issues .. .. .... .... 3,394 .... 1,619

Renewals .. .. .... .... 6,392 .... 6,027

Cancellations .. ... .... 759 .... 786

Monthly Total . . . . . . 13,294 .... 7,658

Nett Increase 886 .... 992

Population Ratio 12.77 12.94

WESTERN AUSTRALIA
New Issues .. .. .... .... 3,296 .... 3,296

Renewals .. .. .... .... 2,272 .... 2,242

Cancellations .. ... .... 237 .... 237

Monthly Total . . . . . . 79,068 .... 40,610

Nett Increase 719 .... 918

Population Ratio 9.03 9.18

TASMANIA
New Issues .. .. .... .... 513 .... 513

Renewals .. .. .... .... 841 .... 841

Cancellations .. ... .... 127 .... 127

Monthly Total . . . . . . 15,651 .... 15,651

Nett Increase 107 .... 107

Population Ratio 10.75 10.75

COMMONWEALTH
New Issues .. .. .... .... 13,881 .... 14,455

Renewals .. .. .... .... 36,977 .... 31,242

Cancellations .. ... .... 6,306 .... 6,638

Monthly Total . . . . . . 50,961 .... 48,145

Nett Increase 5,195 .... 7,419

Population Ratio 9.03 9.18

The above figures include:

Total Free Licence Issued 1,614 1,624

Postal Licensees 1,298 1,299

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THE GOLDEN COMET

The Balkans, the cockpit of Europe, has long been the home of remembrance. The recent developments on the

BROADCASTING BUSINESS
June 26th, 1935

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FRIDAY
5th J uly, 1935.


THE GOLDEN COMET

Over 2,000 children were turned away from JAW's party at the Regent Theatre, Melbourne recently. Children's parties at this station are always very well attended due to large numbers to the very wide

SOUTH WALES
New Issues .. .. .... .... 5,514 .... 5,798

Renewals .. .. .... .... 13,996 .... 13,682

Cancellations .. ... .... 2,733 .... 2,976

Monthly Total . . . . . . 23,313 .... 23,615

Nett Increase 1,797 .... 2,540

Population Ratio 13.73 12.89

THE Transmitter Site of 2TM Tamworth Transmitting on 204 Metres

Most people are aware that New Zealand has emphatically decided against Commercial Broadcasting, but the Union, so listeners will be interested to hear the very much better

Peers were certainly entertained in one quarter that the presence of a 10 kw Station at Eton (2UW) within 40 miles of Launceston would interfere with receiving sets in the latter location. Before the Broadcasting Rotary Club, Mr. A. H. Freedman did much to dispel that belief and pointed out that manufacturers today were designing sets to work in any locality and under all conditions no matter how far away or how close were the transmitting stations.

Good men always were scarce, and if you talk to Len Schults, Chief Engineer of 2GB you will gather that the position is particularly acute at the moment. Oh, no, he is very well satisfied with present arrangements thank you, but the station has growing pains and it is understood that he is looking for additional technical assistance, so if you know of anyone qualified to fill the bill, pass along the tip.

The "Deputy," a play by Ellis Price to be broadcast by 2GB at 5 p.m., may be interesting to the people who have been unfortunate enough to have written to me for the latest news on more or less foolish sounding ideas about the "B" station. The action is apparently wound round a threatened break of promise cast. The popularity of the play is wellestablished and he can be thoroughly relied upon to create great amusement. Sounds like another good one from Ellis Price.

Broadcasting Gossip

"E. F. Wilks Sponsor Tuesday Concert"
The popular afternoon concert by the Professional Musicians from the Sydney Town Hall, are being sponsored by E. F. Wilks & Co., Ltd., the well known radio, television and cinema company, also distributors of Globerroom refrigerators and Westinghouse electrical equipment.

These concerts are organised in conjunction with the Municipal Department of Sydney, to some unimproved musicians, and notable conductors are featured. A complete series of these fine Sunday afternoon concerts is being broadcast by 2FC.

A new type microphone is being used, the "Brook Crystal," which picks up every item in such a manner that the listener receives it very much better than in the general experience with broadcasts from the Sydney Town Hall.

Wilks & Co. are to be congratulated on sponsoring such an effort for such a public service.

Well, after all, it would be impossible to spend the time more entertainingly especially when the plot in the Holly-

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