

PUBLISHED WEEKLY

The N.Z.
RADIO RECORD
and
HOME JOURNAL

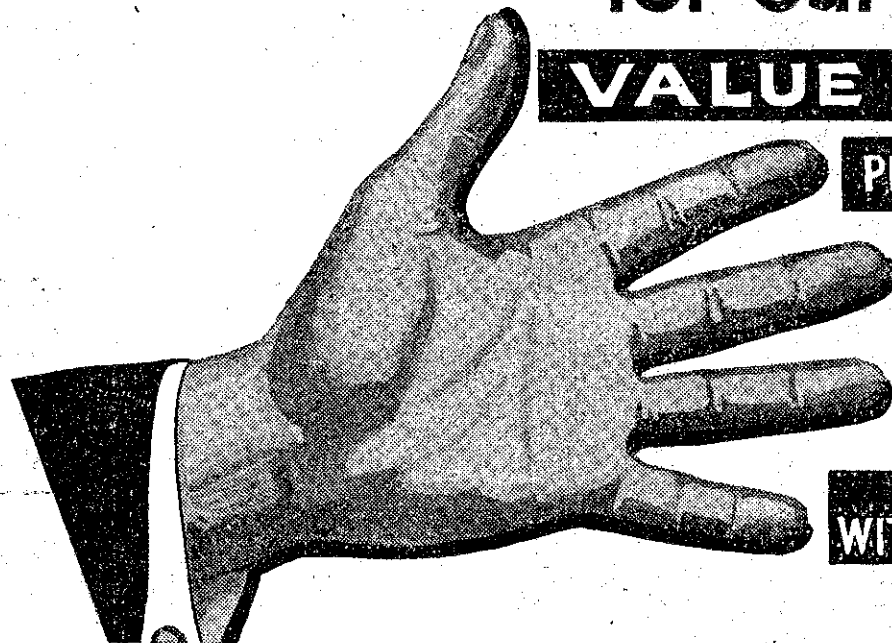
Vol. VI., No. 25.

WELLINGTON, FRIDAY, DECEMBER 30, 1932

Price 3d.

(Registered as a newspaper, G.P.O., Wellington.)

5 REASONS...
for our success!



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Reconstruct this Robbery and Win

One Guinea Prize

No. 3 Competition

THOUGH this Competition was perhaps the easiest yet, the entries were lighter than for the previous two. The winner, "Brobyx" (please send address), was chosen without much difficulty, for not only was his placing of the pictures correct, but his description of the outing showed a refreshing originality which partly earned him the first prize. ("Brobyx's" effort appears on page 24).

No. 4 Competition

RESULTS of this Competition will be announced next week. In connection with this we regret that the closing date was wrongly given as Wednesday, December 14. This should, of course, have been Wednesday, December 28.

No. 5 Competition

HERE is another challenge to your intelligence and powers of observation. These eight pictures represent a smash-and-grab robbery, of which you were a witness. All you have to do is:

1. List the pictures in their correct sequence by means of the letters alongside each.

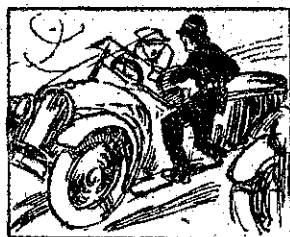
2. Then recount in plain language the actual incident, bringing in every relevant fact you notice in the whole eight pictures.

3. A prize of £1/1/- will be awarded for the fullest and most accurate account, as determined by the Competition Editor.

4. Entries close at 11 a.m. Wednesday, January 4. Address envelopes, "Competition No. 5," "N.Z. Radio Record," P.O. Box 1032, Wellington. Entries must be in ink, written on one side of the paper only, and bear the competitor's name and address (with nom de plume if desired) at the head of the entry. The free-entry coupon on this page must be attached.

Can You Answer These?

1. Which is the port side of a ship?
2. What is the eldest son of an earl?
3. What is the Dunmow Flitch?
4. What is a Strad?
5. What is the name of the King's racing yacht?
6. Why ordinary cups and saucers and similar things are called chinaware?
7. Why sections of wood upon which a railway line is laid are called "sleepers"?
8. Why the place where English coins are made is called the "Mint"?



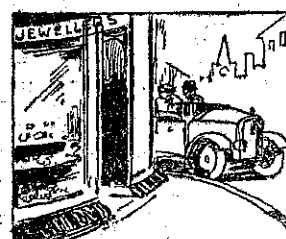
A



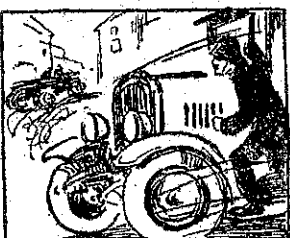
E



B



F



C



G



D



H

Can You Decipher This?

Them ill erslea vet hemi lit hew her rymen low
orth eirs alth emalts ter sie avet he kiln forad
ropo fchewhl tesw an sule.

Your Anatomy.

The answers to these questions are parts of your own body:

1. A timid animal.
2. A thing necessary to a carpenter.
3. A sort of box.
4. Always marked on a rule.
5. A measure of corn.
6. A part of a hill.
7. Impudence.
8. A part of a tree.

A Knotty Problem.

A GENTLEMAN had to walk four miles from his house to the railway station, and was encumbered by two bags of equal weight, but too heavy for him to carry alone. His gardener and the boy both insisted on carrying the luggage; but the gardener was an old man and the boy was not strong enough, while the gentleman believed in a fair division of labour and wished to take his own share. They started off with the gardener carrying one bag and the boy the other, while

the gentleman worked out the best way of arranging that the three should share the burden equally among them. If you were in this predicament, how would you manage it?

Answers to Last Week's Brain-Teasers

Can You Do This One?

THE man subscribed £13/10/-. Add this to the £60 from the other six men, and we get £73/10/-. The average is therefore a seventh of this—£10/10/-. So that the seventh man subscribed £3 more than this average, as stated.

How Much Do You Know?

1. In olden times coins were not nicely centred and the edges were not absolutely circular. As a result, people would clip tiny pieces off them for the sake of the metal. A little clipping made no apparent difference, but when a coin had passed through many hands its value grew considerably less. In order to stop this practice a milled edge was provided, and then any attempt at clipping was instantly evident.

2. The practice of shaking hands dates from the time when everybody carried weapons. When a man met someone with whom he had no quarrel he grasped his hand, using the right one, to show that he intended no harm. Of course, as long as the two people had their right hands engaged they could not use a weapon.

3. Brides in Roman times always ate a portion of a cake of flour and water, as a sign that they hoped they would never lack the simple necessities of life. From this custom the elaborate bridal cakes of to-day have originated.

4. The pennies minted to-day are made of bronze. Those made before 1860 were copper. The saying originated before that date and has remained in use ever since.

5. The oldest alcoholic drink of all is "sake," made by the Japanese from rice.

6. In olden days, on the arrival of a person of note, heralds blew their trumpets; then called out the name of the individual and recited his achievements. "To blow your own trumpet" is, therefore, to announce yourself.

Well-known Proverb.

Necessity is the mother of invention.

In the Year 1900.

The man was born in 1856 and died in 1920, aged 64 years. Let x = age at death. Then $29x$ = date of birth. The date of birth + age = date of death, so that $29x + x = 30x$, or date of death. Now, from the question he was clearly alive in 1900, and is dead now in. (Continued on page 24.)

"Radio Record"
Free Entry Coupon
Competition No. 5

What is the Engineer's
Name?
Watch for Next
Week's Competition

THIS story commences with a text and finishes with a battle which is unique in the History of Battles.

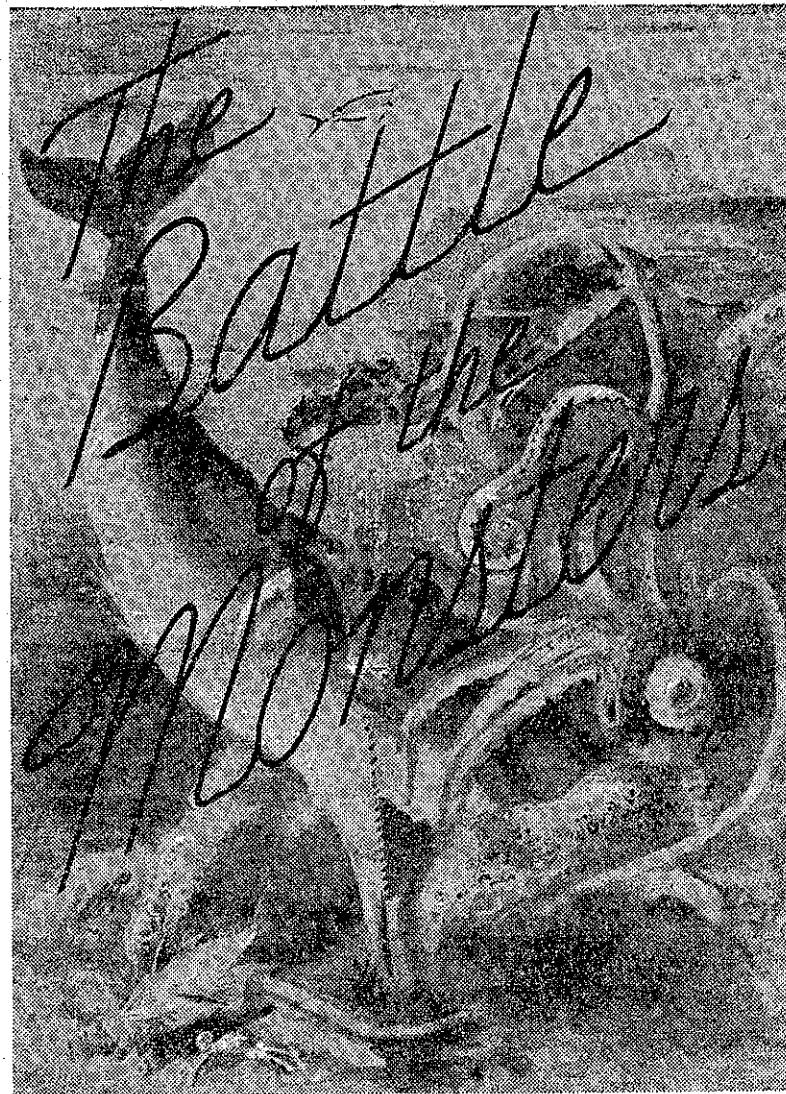
"They that go down to the sea in ships; that do business in Great Waters. These see the wonders of the Lord in the Mighty Deep." Psalm 107-23:24. Not only do they see the wonders of the Lord, but I am firmly of opinion that they see some monstrosities of the other gentleman whose name is unmentionable.

For the sea is the place wherein dwells the largest, the ugliest, the fiercest, and most ruthless of all the monsters created. Truly, the old law of the "survival of the fittest" obtains here, for each one preys on its neighbour literally. Some of these slimy monsters inhabit the deepest deeps of the great oceans, and only come up once in a while, and most often they are not seen when they do come.

The ugliest and really most dangerous of these monsters is the giant octopus, which is only rarely seen, and by most people is looked upon as a myth or a drunken sailor's nightmare. He is no myth, but a filthy, vile-looking reality.

Octopi of many species infest the coral reefs of nearly all of the South Sea Islands, and I may say all tropical and sub-tropical seas. On the reefs at Surprise Island I have seen thousands of very small octopi from three to six inches in diameter—in fact have used hundreds of them for bait. The same thing obtains in numerous other tropical islands, especially on the Great Barrier Reef on the Australian coast.

Then there is another species, with legs about three feet long, and he is fairly numerous in all tropical waters and also in New Zealand. I have seen these fellows as far south as Dunedin, where I once caught one alongside the Rattray Street Wharf. This fellow can be very dangerous, and I once saw one with legs four feet long drown a native in the South Seas. Occasionally one with legs six feet long is seen, but they are not common. These brutes are all dangerous, for once they



A becalmed Schooner in the South Seas;
an alarm; a square mile of sea lashed
white with writhing, weaving tentacles
of a school of Octopi; a ripping savage
attack by Sperm Whales, Sharks and
Killer Whales; Hell let loose.

A gripping tale of a terrible Sea Battle, told from

IYA by

"Old Wire Whiskers"

take hold with their tentacles, which are covered with suckers underneath, they cannot let go, even if they would. So be advised and do not handle them dead or alive.

The smaller ones are used for food, especially in New Caledonia, Seychelles, and Mauritius Islands. The natives will eat them in other places, but they are not too partial to them.

But the aristocrat of the octopi, the brute whose weight is measured in cwt. and tons, is only met with, and that very occasionally, around those islands which are only the tops of some huge submarine mountain, such as Vaitupu, Funafuti, Nukufetau, Nanomea, and Nukulailai—all islands of the Ellice Group.

In these islands the depth of water will drop from ten fathoms to three thousand fathoms or more in a surface distance of one mile, and it is in the huge subterranean caverns of these submarine mountains that these huge monsters breed and dwell. They are also occasionally seen in the Mediterranean Sea, and one weighing six tons was taken out of a sunken vessel's hold on the Australian coast.

Victor Hugo in his "Toilers of the Deep," tells a story of one huge brute that infested the coasts of Sicily, whose length was over forty feet—just fancy, forty feet—and breadth thirty feet, and whose huge tentacles were over fifty feet long. It was creditably reported that this brute had pulled over vessels sixty feet in length and twenty feet beam, and had picked their crews out of them and had eaten them as an epicure eats an oyster out of a shell.

Then there is the single-eyed octopus, which is very rare. But this is only by the way.

We had been up to the Gilbert Islands, and were now coming South. Up at Onoatua we had been shown the skull of a huge shark which must have been at least fifty feet long. I offered the natives £10 worth of trade for it, but they refused. The wind was light, and we made very little headway, but a good deal to the westward owing to the current. Then it grew dead calm, and that morning we had the unique experience of seeing a crocodile basking on the top of the warm water, about one hundred miles from any land. We tried to lasso him, but only succeeded in scaring him, and we pulled back to the ship disgusted.

A few minutes after we got aboard we saw the crocodile breach and scutter along the top of the water at the rate of knots, whilst just astern of him was the large (Continued on inside back cover.)

AUTOCRAT of the European ether.

Ruler of the radio reactions of untold millions.

Sir John Charles. Walsham Reith. First general manager, British Broadcasting Co., Ltd., in 1922.

Became managing director in 1923.

Appointed director-general of British Broadcasting in 1927.

And still going strong.

Meet him.

At your own risk.

His grimness may alarm you.

His size will stupefy you.

Six feet four inches of Aberdeen granite.

Shoulders of terrific breadth.

A square jaw.

Deep-set eyes that smoulder with perpetual fire.

A dour Scottish face, surmounted by a high forehead with rapidly receding hair.

The face that has launched ten thousand wireless programmes.

Terrible thought!

When you meet him you will be alarmed. And impressed.

You will change your mind about many things.

Particularly about the harsh criticisms you came prepared to deliver.

Unless you are the stuff of which heroes and martyrs are made.

Like Sir John himself.

Anyway, why waste your breath?

"I don't like your National programme, Sir John."

"Try the Alternative programme."

"But I don't like either."

"Then—switch off!"

Only that, and nothing more.

Sir John is always brusque.

Even when he is conferring a favour on a friend.

Brusque and severe with everybody, including Sir John Reith.

Allows himself no liberties.

His smoking is limited to an occasional cigarette.

He is almost a teetotaller. Cider his deepest dissipation.

He limits his leisure—and his laughter.

His smiles are frequent—among friends. But very few people have heard his laughter.

Meet him at his Beaconsfield home.

Delightful house, set in a glorious garden.

The garden serves as an outlet for superfluous energy and emotion.

But clearing rubbish or sawing wood is the nearest he gets to gardening.

Actually he is a man without a hobby.

His real hobby-horse is the High Horse.

He rides it like an expert of the haute école.

If you know him very well indeed you say: "Come off it, John."

Then he dismounts with charming grace.

But don't attempt that sort of familiarity during official hours.

He can play the fool in his own house. But nowhere else.

He is a generous host, and can be a genial one.

But the genial side of him is reserved principally for use of his family and more intimate friends.

A devoted son, an excellent husband, a fine father.

With his children, boy of four and baby girl, he plays happily.



Radio Reith

A pen portrait of the Director-General of the B.B.C. who, in addressing Dominion listeners, intimated that listeners could have the type of programme they liked best. This portrait (by the Private Secretary in "Passing Show") might lead one to think otherwise.

Like a great mastiff gambolling among puppies.

Apart from his family and his circle of friends he walks alone. He has no cronies.

His clubs are the Athenaeum and the Royal Automobile. They would be.

He reads many books, but chiefly when he can learn from them. Biography for preference.

He reads as a student rather than for pleasure, although he can enjoy a good humorous novel.

The theatre does not attract. Films hold no interest for him.

The wireless set at his home is worthy of a Director-General.

And he uses it.

He can take his own medicine, and enjoy it.

Serious stuff appeals most, of course.

But, unexpectedly, he likes the dance music.

Physically he has worn well. His mental outlook is older than his years. Always has been.

He is always well dressed. Neatly and unobtrusively. Sombre colours to match his personality.

He eats sparingly for so big a man. His appetite is less than his inches.

Though a Scot of Scots he does not play golf.

Enemies find him a difficult man to hurt.

He is so self-contained. So sure of himself.

A man with the courage of his convictions.

Deep-rooted convictions; unlimited courage.

Critics buzz angrily around that

massive head, wasting their venom.

Mosquitoes attacking a rock. . . .

HISSES, shrieks, and groans oscillate the air.

"Give us less education."

"More entertainment."

"Give us brighter Sunday programmes"

"Give us a light-hearted alternative programme."

The firm mouth tightens. . . .

Sir John says: "NO."

"So long as I am Director-General there will be no fundamental change in the character of the Sunday programmes."

And that is that.

The Director-General's decision is final.

The public cries aloud for what it wants.

Like a child crying for the moon.

What hopes?

None.

Might just as well stop crying and be a good public.

Because—

"Here is your wireless entertainment. Take it.

"Or leave it!"

The story of what befell an amorous troubadour, whose incautious addresses to the beautiful lady of the castle aroused her lord's suspicions, with tragic results.

An Incident in a Series of Talks on

The Art of the Troubadours

Told from IYA

... by ...

Mr. GEORGE O'HALLORAN

YOU will no doubt have often wondered at the complacency—the *extreme* complacency—with which the barons of Provence regarded the prolonged presence at their castles of poets who were openly addressing their ladies in verse which was often amorous to a degree.

No gentleman here in New Zealand would tolerate such a state of things for a moment. But we have to bear in mind that it was the very height of fashion among the higher classes of Provencal society to show the greatest hospitality to any troubadour of note, and to feel honoured by his company. It was at that day almost unthinkable for any baron to be so far out of the fashion as not to have a troubadour of renown sitting at his table day after day—just as unthinkable as that a wealthy man of to-day should possess a fine mansion without the addition of a more or less handsome library.

The chief difference lay in the fact that the form of library in Old Provence walked about the barony on two legs, with his hands in his pockets, if he had any; and giving orders to the servants just as he pleased. Up to a point, and on account of his talents, he was distinctly pampered—a circumstance which sometimes led to awkward and indeed, tragic situations. Nevertheless, it is due to the troubadour to state that the drift of his poetry from the eternal subject of warfare to the equally eternal subject of love was a most natural reaction; and it was this reaction which liberated the womanly ideal, thereby raising woman from the very low status she had hitherto occupied.

Now, although these great and powerful barons were so complacent toward the amorous troubadour, complacency can be pushed too far, and you will surely think so when you hear what befell Guillem de Cabestanh.

This same Guillem was the son of a poor knight of Provence, whose father could not find him a suitable job, such was the state of the labour market for young nobles at the time. So the young Guillem was obliged to take up the post of court servant at the castle of the mighty baron, Sir Raimon de Rossilho.

Sir Raimon was so well pleased with the demeanour and fair countenance of the young noble that he quickly advanced Guillem to be page to his lady,

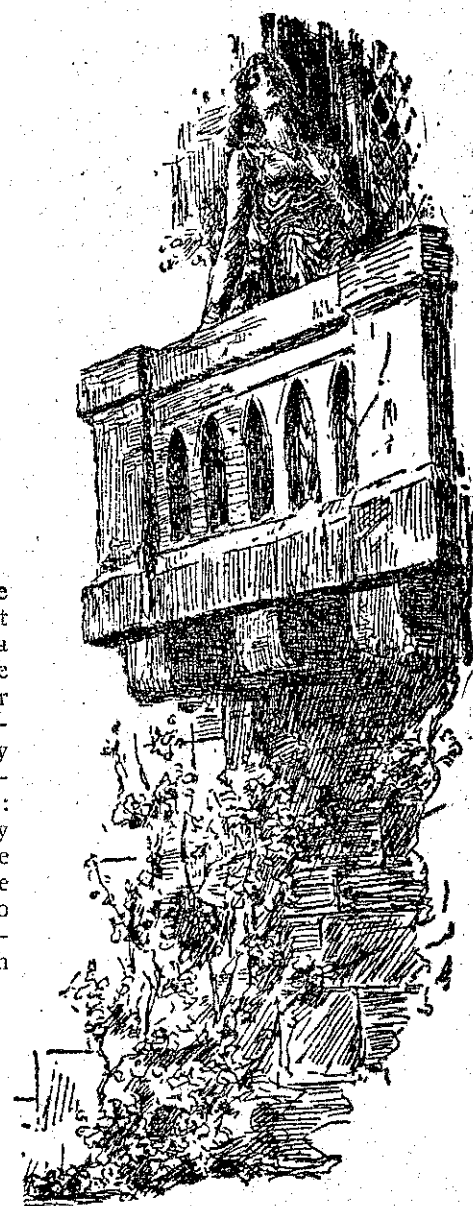
the beautiful

Margarida, and probably gave him a rise in his wages. It seems that the Lady Margarida was quite as pleased with the angel-faced page as was her husband, but in quite a different way. And before very long she said to the good-looking young fellow one day: "Tell me, Guillem, if a lady were to show you semblance of love, would you dare to love her?" Now Guillem, who knew his manners, did not attempt to beat about the bush by using some such foolish phrase as "This is so sudden," but replied frankly that he certainly thought he would. "By St. John," chirruped the lady, "a good and noble answer. Thou shalt be put to the test."

By degrees the flame of love was awakened in the breast of Guillem, who was moved to the making of verses addressed to this beautiful lady of the castle. Intrigue developed inevitably, and "the tell-tales, whom God hates," says the chronicler, brought the matter to the ear of mighty Sir Raimon de Rossilho, the husband. "The baron was ill-pleased and hot with rage," continues the chronicler—as any self-respecting baron might be—"through having lost his young friend Guillem, but chiefly because of the shame of his spouse."

NOW this baron, thinking himself to be something of a diplomatist, refrains from crushing young Guillem there and then, without rhyme or reason given, with a stroke of his battle-axe or his sword, which should cleave the delinquent from crown to brisket. No. He decides to remain quiescent until he can convict the lady and the lover more tellingly.

One day, a little later, the young troubadour goes out with his sparrow hawk for some sport, and is secretly followed by the jealous baron, armed to the teeth. They meet face to face in a lonely part of the wood, and the Lord Raimon begins to cross-examine Guillem, asking him if there is any special lady to whom he addresses his songs. Guillem is driven to a subterfuge and boldly asserts that the lady of his songs is the sister of Baron Raimon's wife. The baron is immensely relieved, and is even so accommodating as to offer to help the young troubadour in his love quest. The baron further insists that they both ride together at once to the castle of the lady of (Continued on page 24.)



Editorial Notes

Wellington, Friday, December 30, 1932.

THE first broadcasts of the Empire

Short-Wave Station appear to have left an unfavourable impression upon the minds of New Zealand listeners. Several factors must be borne in mind, however; the transmissions are little more than experimental both as regards technical features and programme material; the time of the year is not favourable to long distance reception; rebroadcasting at the best of times does not treat music very favourably. One can always tolerate imperfections in speech, but in music they are instantly noticeable, and completely destroy the value of the transmission. For this reason it seems that, even at the best of times, the greatest asset of the Empire stations will be the news and talks it makes available. Recordings of British programmes will always be welcomed by listeners, particularly if the conditions to receive them are good, but if records are to form the mainstay of the programmes, then we are afraid there will be few listeners in this part of the world. The novelty will appeal to some, and for that reason there is no doubt that the initial broadcast brought many from their beds, but probably few took the trouble to listen seriously on succeeding nights. But it will need more than a novelty to make the station a success, and great attention will have to be paid to the programme material. Long and heavy numbers are definitely out of the question with New Zealand audiences, and the rebroadcasting of these items will only bring the Board into disrepute. Furthermore, the time falling in the middle of the evening session is not good. Perfectly good programmes have to be interrupted to impose speech and music that is far from good, but the listener will have no complaint, we imagine, if the items broadcast are good, and comprise something he cannot hear from the New Zealand stations.

IN his address at the opening of the station, Sir John Reith stressed the fact that the present transmissions were experimental ones, and that listeners in the Dominions were invited to state exactly what they wanted in the way of programmes. But they must bear in mind the technical difficulties and

make allowances in the programmes. In other words, the B.B.C. would, within reason, give the Empire what it wanted. We very sincerely hope the B.B.C. will adhere strictly to this plan, and give us popular talks, recordings of commentaries on important events, and musical items which are not available here. Otherwise the Empire station will



"Lies from a Skipper's Log
—'Blackbirding in the South
Sea Islands.'"

A Sea Story

To be told by

"Old Wire Whiskers"

From IYA on

SATURDAY, JANUARY 7.

not be worth to the Empire what the B.B.C. planned it should.

THE emergence of microphone technique as applied to talks has been a slow and painful process; the broadcaster has learned from his mistakes—and those mistakes have been paraded as a subject for music-hall humour! The preparation and presentation of a fifteen-minute talk may seem to the listener to be a small and simple matter. This is not so; every talk that is broadcast presents an individual problem, not only of matter, but of manner, too. It is, unhappily, essential, in almost every case, that the text of a broadcast talk should be written out beforehand. There are various reasons for this; the convenience of accurate timing, the necessity for knowing what a speaker is going to say, are only two. There are actually few talkers capable of speaking impromptu, or even from notes, when faced by the microphone (many

have tried, but few, however successful they may be on the public platform or the lecture theatre, have been able to combat the peculiar circumstances of having to talk from an empty room to an invisible audience.

TALKS, then, must be read aloud from a written or printed sheet, though the mere reading of written matter, however clearly performed, plainly does not constitute a broadcast talk. The broadcast talk is perennially in competition with the published author. If he is to succeed as a talker, he must bring to his work a more live and personal quality than is achievable in print; otherwise it would be absurd to maintain that it were more worth while to hear a thing broadcast than to read that same thing at leisure in the pages of a book. This live and personal quality—it has been styled 'microphone personality'—is rare and elusive; the ideal talker must possess not only an engaging personality, reflected in the tonal quality of his voice, but the ability to write colloquial English and speak that English colloquially once he has written it down. These gifts are no common possession. The gift of talking simply without a

hint of patronage, of conveying geniality without facetiousness, of talking conversationally without wasting time, of packing a lively phrase with meaning, is a rare one. The possession of the 'common touch' implies a wide acquaintance with, and a real love of, humanity; the possessor alone can approximate the Ideal Broadcast Talker.

WE have thrust the question of material to one side in favour of that of manner—for the very good reason that it is of only secondary importance. For every ten men who *know* a fact, there is only one who can express it adequately through the microphone for the benefit of an audience of ordinary men and women. The microphone can reduce the most learned professor alive to no more than a dreary monotone. That the broadcaster's material should be fresh, original, stimulating, goes without saying, yet, if we had to choose between the lively presentation of old facts and the academic revelation of new facts by one mumbling long words into his beard, we should not hesitate to vote for manner and let matter go hang!

In Phase and Out

By "Quadrant"

WHAT is that saying about things being made in Heaven—oh, yes. "Announcers are made in Heaven," but Wellington, and according to the critics, Dunedin, is not heaven all over.

THE IYA news session wants trimming up a bit. The assistant announcer interrupted the concert session to broadcast the latest cricket results—hot from the batter's bat "by courtesy Australian Broadcasting Commission." But the score had already appeared in the morning paper!

9.30—ENGLAND calling! Our set became a nucleus of rapt attention, but its retentive power has faded, and now England calls in vain. This N.Z. has never done, and will never do, listen to programmes it doesn't like.

THE "Messiah" from 2YA was one of the few good relays of its kind we have heard recently.

MR. VOCO, 2ZW, we congratulate you upon your excellent programme, and incidentally upon the high standard you have maintained in the past year.

HOST (offering cigars to dx guest): What would you like—Havana, old boy?

Dxr: By jove, yes. Mexico is as far east as I have got yet.

I NOTICED in the radio notes of a "daily" "that nowadays there are fewer radio fans in the summer than in the winter." That probably accounts for the warm summers experienced these last two years.

DEAR Quadrant,—If Mr. Stilling said that sawn-off guns were used for buffalo, he's either talking a lot of bull or should buy another book about "the territory."

The cook's offside might wear a cotton singlet, but I'll bet Mr. Stilling my old flannel shirt and long-barrelled .308 (having no further use for them) that only one out of ten affect the garb he suggests.—Otherwise "O.K."—Dingo.

DETERMINED to find out what the public really thought of his window display, an ingenious radio dealer is said to have fixed a concealed microphone in front of his shop and connected it with a speaker in his office. It must have been rather fun for him, at times, I should think—especially if his errand boy went outside and told the next door butcher's boy what a mean old hound the boss was!

DEAR Editor,—I know my column is bit topsy turvy this week, but it's like me. I'm having a wonderful Christmas. Kind regards.—Yours, Quadrant.

Cleopatra. A recording of this name will be broadcast from 1YA on Thursday next, but there is little probability that there is anything special about it. It is about the illustrious Cleopatra, queen of ancient Egypt, who had as her lovers two successive rulers of Rome, about whom a few words are due. This woman, from time immemorial, has made the strongest appeal to the imagination of men. She was loved first by Caesar and taken as his mistress to Rome, despite the bitter opposition of the Romans; then by Mark Antony, who finally took her part in a war against his own country. The tragic end of this couple after a spell of magnificence and glory only makes their fate more moving. She bore to Caesar a son, who was murdered at the age of seventeen by Caius Octavius, afterwards the Emperor Augustus. By Antony Cleopatra had three children, and she was in all probability his fifth legitimate wife. Small wonder she became the object of the deepest interest, not only to her age, but also to posterity. None but an exceptional woman could have fulfilled so brilliant a destiny. Her end was as her life. Antony, defeated, beset by Octavius, over whom Cleopatra could exercise no influence, deserted by the provinces which he had dominated, dropped by the woman for whom he had given all, even betrayed by her, took his own life thinking the queen had taken hers. Seeing a triumphal procession through Rome, with herself as central figure, she sought the only way out—death at her own hand. She died by poisoning; how is a mystery. Some say it was an adder, others a needle. With her death a whole historical period came to an end. But the whole world did not stand still: a new era immediately opened, called after Octavius Caesar the Augustan Age.

Mozart —who will be the subject of an illustrated talk from 4YA on Wednesday next, was one of the greatest, if not the greatest creative and executive musicians that ever lived. At the early age of three he showed an uncanny aptitude for music, for whilst his sister was receiving lessons, he took a delight in striking pleasing and harmonious intervals on the clavier. When he was four he could memorise brilliant solos and concertos, and this aptitude for memorising was but one of the first indications of unfolding genius, for at the age of eight he memorised a complete choral work on hearing it once. Before he was five he had composed a simple concerto. He played the violin without tuition. A trio practice was regularly held in his father's home and on one occasion he begged to be allowed to play the second violin. He was told to go away, but, following tearful entreaties, he was allowed to play "so softly that he could not be heard." The trio had not long been in progress when the first violinist stopped—he was entirely superfluous. Mozart made his first public appearance at the age of five, and when he was six he toured Germany, and a year later appeared in Paris where four of his sonatas were published. At the age of eight he achieved success at the English court, and when in England he attempted a symphony. At eleven his first opera was produced. When at the early age of 35 he died, the world lost what would probably have been its greatest master of music. Altogether he composed over 600 works, ranging from opera to chamber music.

Colorado. This theme has been suggested by a radio recording to be played at 1YA on Saturday. Probably Colorado, or that part of this American State through which the Colorado river flows, is one of the most remarkable in the world. To the tourist it is a land of a thousand

Here and There

Selections from this week's Programmes

By "TRIPLE GRID"

wonders, but from a geologists' point of view it provides a wealth of information about the world of yesterday. The river, arising in the mountains of Wyoming, Colorado and Utah, in regions of heavy snow and precipitous rainfall, enters the gorges for which it is famous early in its career. For more than a thousand miles the river cuts a deep gorge; into its empty lateral branches, each one of which has its gorge or canyon; every brook has its canyon. The Grand Canyon is the most interesting, and for more than 278 miles the famous river winds its way at the bottom of almost precipitous sides, in places nearly six thousand feet high. A low plateau, dry and treeless, extends almost from the brink of the canyon, to be cut by other deep ravines at intervals which block the passage of all but birds and airplanes. In some places the rock is richly coloured and variegated, others loose and disintegrated. There are plains of soft sandstone sometimes dry and sandy, other times in conglomerate formation forming a mosaic of many colours. Why has the Colorado cut for itself this vast canyon and revealed rocks that were laid in the very beginnings of the world millions of years ago? Once a great plain, dry and unfertile, the district was subject to tremendous uplift. The rivers, now thousands of feet above their level, began rapidly down cutting. The only weathering agent was the rivers themselves, as



High Spots in the Programmes

"CONGO NIGHTS"—3YA, Monday.
 "IN DAVY JONES LOCKER"—1YA, Tuesday.
 THE MELODY TRIO—3YA, Tuesday.
 SCOTS MUSIC—4YA, Tuesday.
 MAORI CHOIR—2YA, Friday.

The Talks

"H.M.S. WARWICK"—4YA, Tuesday.
 OLYMPIC CELEBRITIES OF LOS ANGELES—1YA, Wednesday.
 SEA STORY—1YA, Saturday.

climatic conditions tend to preserve the landscape, there being an absence of rain in these regions. In places the rocks are harder than others and they provide gigantic caps for the softer underlying rock, giving to the landscape a mushroom effect in colours that vie with the rainbow in beauty.

Old Panama. —which happens to be the title of a march to be played at 1YA on Tuesday, is an interesting relic of a faded civilisation. Panama, now the Pacific terminus of the canal which bears its name, is the oldest settlement on the continental western hemisphere. It was founded in 1519. The centre of western Spanish civilisation in the early sixteenth century, it was strongly fortified and richly endowed with buildings and churches. It was a storehouse of the gold and silver that flowed into it from South America and of the treasures of the Orient. Becoming the envy of pirates and buccaneers, who made many raids upon it in those early days, it was eventually sacked by none other than the illustrious Henry Morgan, who razed it in the middle of the seventeenth century. Another city was built some two miles seaward, and this is the present Panama. This time it was surrounded by strong granite walls whose remains are still landmarks. The architecture is in stone, the dwellings being flat-topped with tile roofs and two or three stories high.

Lotus Flower. This happens to be the title of a contralto solo from 1YA on Thursday next, but the name called to mind some of the interesting facts concerning the flower. The name is loosely applied to many plants of different orders. The lotus of the Greeks was a native bush with fruits as large as sloes, containing a mealy substance used for making bread and fermented drinks (you see they had such things even then). The fruit was an important article of food among the poor, hence the term "lotus eaters." The Egyptian lotus was a waterlily, as also was the sacred lotus of the Hindoos and the American lotus. The lotus tree of the Romans was probably a nettle of the elm family with fruits like small cherries. The lotus of the botanists is a member of the pea family (leguminosae), and contains many widely separated species. Various forms of the flower have appeared in the art work of the Egyptians, Romans, Greek and Byzantine civilisations.

Old Forgotten Waltz. This title, which is being broadcast from 1YA on Wednesday, brings to mind the fact that the old waltz is nearly forgotten. In fact, the new one is, too, for that matter. One has only to go to a modern dance to see that the art is almost lost. With the inception of the jazz waltz which replaced the familiar round waltz, people became confused. The younger generation who had not gone to the trouble to learn the new step properly found the somewhat slower time fairly suitable for their adaptation of the quickstep, and so they were happy. The older generation did their own waltz and only a few who had graduated from a dancing school did the correct thing. So the art of waltzing died a slow death, with the result that when a waltz is struck up not more than five per cent. of the dancers are to be seen doing the correct step. Many do not recognise the waltz time, but meander round the floor doing a ready-made step rather gingerly and getting in the way of those few who are endeavouring to do the new waltz. It is not difficult, and it is certainly much more pleasant to dance than the older one. The slower time enables one to take those long steps which give ease and grace to "the light fantastic."

Edwin Dennis. Appearing on the programme of 2YA on Tuesday is Edwin Dennis, one of Wellington's leading tenors and exponents of the art of elocution. Associated with the stage from his sixth year, when he made his first public performance by singing solo at an anniversary concert, Mr. Dennis has had experiences ranging from singing and

Farmers!

The first hour's proceedings, from 9 a.m.-10 a.m., at the Wellington wool sale on Friday, January 6, will be broadcast on relay by Station 2YA.

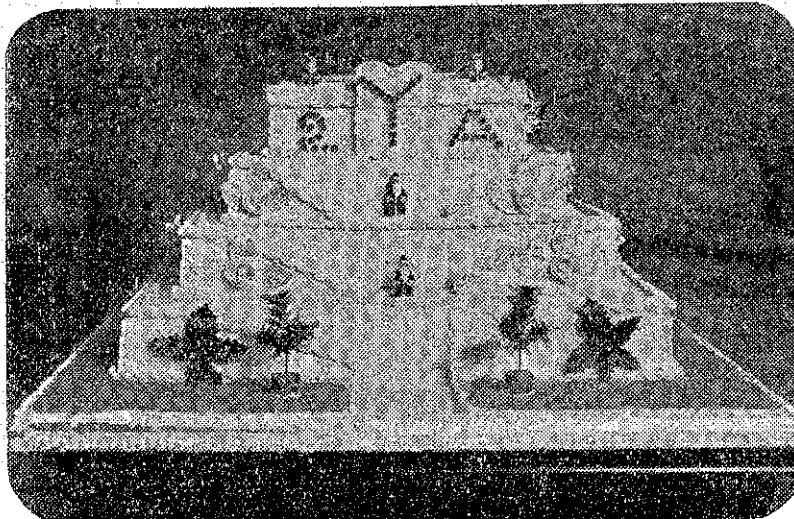
acting to orchestral conducting. During the war he organised concert parties which became famous in the New Zealand sector, and after demobilisation undertook a course at the Royal College of Music, graduating therefrom with the diploma, one of the highest qualifications a vocalist can obtain. During the next few years he toured England and appeared in the original cast of the "Maid of the Mountains." Coming to New Zealand he took up the teaching of singing, and has a long list of pupils successful in the various examinations. His diversity of interests has led him in many different directions, including broadcasting, and he has appeared at 2YA in many different roles—every time to the intense admiration of a wide circle of listeners.

Clapham and Dwyer, whose clever fooling has made millions laugh, owe their world fame entirely to broadcasting. Prior to their first engagement by the B.B.C. it is said that they were not professionals, but merely gave occasional "patter turns" at smoke concerts and similar functions. The day after their first broadcast they were famous. Two new "stars" had flashed into the entertainment firmament. Since they then have been regarded by the B.B.C. as two of the most popular radio artists who have ever broadcast in Britain. Their work before the "mike" is said to be largely spontaneous, though much painstaking preparation is given beforehand to the general outline of their "shows." There have been many occasions on which popular radio artists have been within an ace of disappointing their waiting audiences, and one of these occasions recently occurred to Clapham. Both artists were due to appear at 2LO in a "New Car Act." A few days previously Clapham had himself become the proud possessor of a new car. Some hours before he was due to broadcast he took his family for a ride. "Everything went well at first," Mrs. Clapham narrates, "then the beastly thing collided with something. It turned turtle and landed us all in a ditch. My husband had a busy time, I can assure you, extricating us all, getting the children home, and getting himself to the studio that night." We may assume with confidence that "Charley's" comments about cars in the "New Car Act" were straight from the heart.

A NEW station is to be provided at Cape Town as a result of continued complaints of poor reception from listeners both near and far.

A Monster Christmas Cake for 2YA Children

THE photograph below is of the 2YA Christmas Cake which Aunt Molly and Uncle Claude first described over the air last Wednesday, December 21. It is a marvellous work of art, especially when seen in all its colours. In front is a lawn, made of desiccated cocoanut coloured a grass green, while flanking the white path leading up to the terraces stand two pohutukawa trees. The terraces are white with pink balustrades, and are decorated with holly and orange blossoms. The 2YA sign, which is cleverly fashioned with crystallised strawberries, is a very realistic imitation of the famous neon sign on Mount Victoria. On the very top stands Father Christmas with one of his assistants who, as Aunt Molly said, is dressed up to resemble Father Christmas himself. Each is holding a branch from a Christmas tree as an aerial mast.



The history of this cake is interesting. Several years ago, at the suggestion of the children's committee, the "Radio Record" appealed for donations for children in Wellington orphanages, but the public's interest was diverted by other similar schemes at the time, and the response was not great. The money had been held in trust since then, and this year it was thought that it would be a good idea to supplement the funds on hand to provide a Christmas cake for Aunt Molly's Christmas Party. The design and making of the cake was placed in the hands of Mr. Ferguson, of Adams Bruce, Ltd., Wellington, who deserves every praise for executing such a work of art. The beautiful top piece, decorated with hand-made sugar flowers, was donated by Mrs. Cawkwell, Marohemo, Maungaturoto, who also very kindly donated another beautifully decorated Christmas cake of her own design. The 2YA Christmas cake will be cut on Christmas Eve, during Aunt Molly's party in the studio. A big party of children have been invited, and little listeners who sent peggy squares to Aunt Molly will be interested to know that the cake is to be divided among the children who received them. Father Christmas will also be at the party to distribute toys from the 2YA Christmas Tree.

Children's Sessions

From 2YA.

Tuesday, December 27: This is Jumbo's request. Jumbo has challenged Spot to a game of tennis. Who'll win? There is also a request for Mr. Wingrove to come to the studio to tell the children about the life of "Prince."

Wednesday: There are requests for to-night for adventures, such as the type where boys unearth treasures and stories of that type. The boys only had better listen-in. Cousin Jim has a very special story.

Thursday: The request for to-night is for all the aunts and uncles, Tor-

maker, Snowflakes, Lady with the Crumbs, Kipling Lady, Sesame and Wool Woman to play school with Aunt Molly as school teacher. Someone must find a good strap and a loud sounding school bell.

Friday: The request is for another jolly evening to be given by the Mirth-makers again to-night, with their original songs and choruses. If there is time a little more about "Alice's Adventures in Wonderland" is wanted by our cousins.

Saturday: Without exception the request is for Spot.

Sunday: The children's choir from St. Thomas's Anglican Church will be in the studio for New Year's Day to assist Uncle George.

Broadcasts— Past, Present and Future

Tennis Championship Broadcast

DURING the afternoons of December 28 and 29, a running description of the Wellington Provincial Tennis Championships will be broadcast by 2YA at frequent intervals.

Wool Sale Broadcast by 2YA

THE first hour's proceedings at the Wellington wool sale on Friday, January 6 (9 a.m.-10 a.m.), will be broadcast on relay by 2YA from the Town Hall. Thereafter frequent progress reports will be broadcast throughout the day.

Ernest McKinlay to Broadcast

MR. ERNEST MCKINLAY, the popular New Zealand tenor, whose recordings are known to music lovers throughout the British Empire, returned to New Zealand by the Zealandia last Tuesday.

The Broadcasting Board has finalised arrangements for this gifted singer to give a fifteen-minute recital from each of its stations during January.

Mr. McKinlay made two world tours with the late Mr. Edward Branscombe's Westminster Glee Singers, and also was one of the most popular artists at the Wembley Exhibition in London. During the present year he sang at two garden parties at Buckingham Palace, making his seventh engagement there, and prior to leaving Australia for New Zealand he was featured on the programmes of 2FC, Sydney.

Mr. McKinlay's items from each of the stations will be:—

Station 4YA, Dunedin—Sunday, January 8, 1933.

"Aubade (from "Le Roi d'Ys") (Lalo).
"Roses of Picardy" (Wood).
"The Auld Scotch Songs" (Leeson).
"He Waiata Aroha" (arr. Hill).
"Hoea Ra" (arr. Piripata).
"E Pari Ra" (arr. Rowe).

Station 3YA, Christchurch—Sunday, January 15.

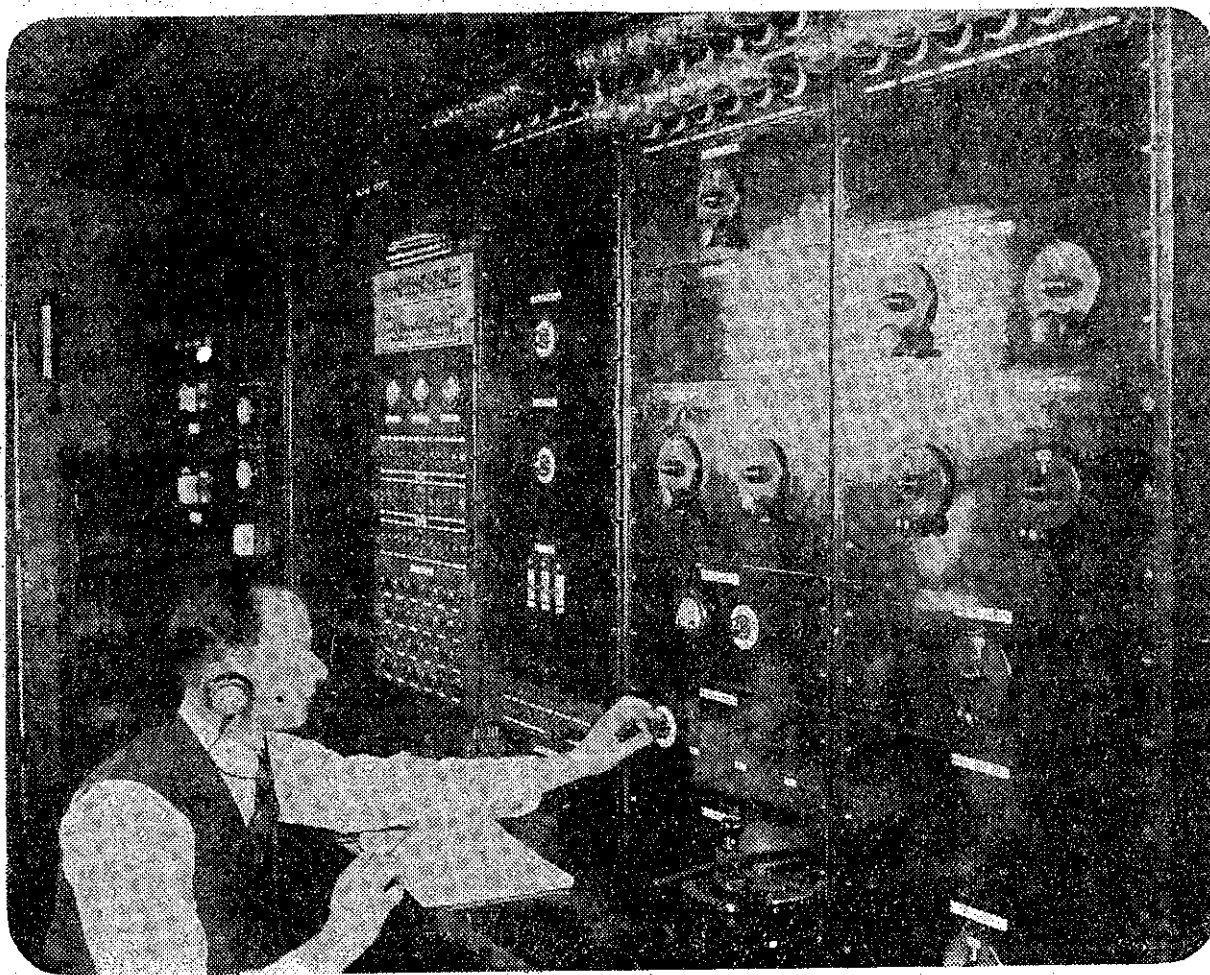
"Serenade" (Schubert).
"Little Lady of the Moon" (Coates).
"Come into the Garden, Maud" (Balfe).
"Pokarakare" (traditional).
"Waiata Poi" (Hill).

Station 2YA, Wellington—Sunday, January 22.

"The Dream" (from "Manon") (Massenet).
"The Second Minuet" (Besley).
"The Rose of Tralee" (arr. Schneider).

Station 1YA, Auckland—Sunday, January 28.

"Ay Ay Ay" (Friere).
"Pale Moon" (Logan).
"Little Boy Blue" (Nevin).
"Lassie o' Mine" (Walt).
"Matangi" (arr. Piripata).
"Mahara Kia" (arr. Piripata).
"Huri Huri" (arr. Piripata).
"Haere Ra" (Kaihu).



How the Empire Broadcasts Are Received

THE new Empire Station, GSD, which was officially inaugurated, on Monday evening, December 19, is now on a regular schedule, and the past week's transmissions have shown that on the technical side, at least, the service will be a success. The relays by 2YA of these transmissions have throughout been of high quality, and are, in fact, almost indistinguishable from direct reception. Signals are strong, with very little fading or gushing, and the noise level is low.

For the success of these relays, thanks are due largely to the P. and T. Department, who have loaned their commercial telephony receiver for the reception of the broadcasts. A brief description of this huge set, which employs no less than twenty-four valves, might be of interest.

It is located in a hut on the summit of Mount Crawford, Wellington. The site is almost an ideal one for reception as, although it is quite handy to the city, there are no tramway or electric light power lines nearby to cause interference. In the vicinity of the hut is an elaborate aerial system running roughly north and south, and suspended on three pairs of poles.

The greater portion of the hut's interior is taken up by the gigantic receiver shown in the photograph. A portion of the bank of batteries

A description of the P. & T. Department's receiving station, with its giant 24 valve receiving set, pictured above.

employed for operating the set may be seen on shelves against the rear wall. Batteries have been employed for power supply rather than the electric mains, chiefly because, should the mains supply fail, the receiver would be put out of action

and the service disrupted. This would be serious at any time, but especially so in the case of national emergency.

The use of so many valves has resulted in a certain amount of valve noise which, though scarcely noticeable, is still there. In an effort to reduce this to an absolute minimum, and to incorporate several more modern features, another set, using indirectly heated a.c. valves operated from the same power supply, is at present being built.

The system of "floating" batteries is used, or, in other words, while the set is in operation, the batteries are being charged from the mains. The charging rate can be adjusted to equal the drain taken by the valves, and so there is no load on the batteries. That this system is necessary can easily be seen when it is known that the filament current is just under 3 amps, while the plate current is about 70 milliamps. Should the charger be put out of action with the failure of the mains, however, there would be sufficient electricity stored in the batteries to keep the set operating for some hours.

The "B" supply is taken from 72 two-volt accumulators connected in series, giving when fully charged a total (Continued on page 24.)

STATIC

by
"SPARK"

IN the inauguration programme of the new Empire station we were warned by Sir John Reith, Director-General of the B.B.C., not to expect too much in the initial stages, and harmony-lovers, with an elementary knowledge of the idiosyncrasies of short waves, happily have expected and continue to expect nothing but distortion more foul than discord. As I write—at the conclusion of Low's talk—I am hopeful that the novelty of rebroadcasting has almost run its course, but having received an index of the fare available, I have ready a warm welcome for the Blattnerphone tape. Intelligibility of the talks, ranging from about a farcical one per cent. to a poor eighty per cent. in scattered places, does not suggest to me that the service can be an indubious harbinger of peace, although it is dedicated to the best influences in mankind. As an act of grace listeners may be prepared to accept the dedication in its spirit, providing aural reminders are infrequent, and while with best wishes trust that signals will improve in time many will remain convinced that years ago PCJ was a wonderful transmitter which was ushered in without a screed of altruistic bunkum.

BROADCASTING brings under the notice of the public at large an enormously extended repertoire of music of very conceivable variety. In the matter of Christmas music this is certainly true, and the lovely "Christmas Concerto" of Arcangelo Corelli, the eighteenth century Italian composer, is a notable example, for which listeners to 4YA, Dunedin, would be very grateful. The history of this masterpiece goes back 220 years, to the Christmas Eve of 1712, for which it was composed. The series of concerti grossi which Corelli left us are laid out for the same team as the better known ones of Handel—a little group of solo strings and the main body of the string orchestra in five parts. It is on the contrasts of these and their combination that the concertos are built up.

CORELLI has a twofold claim to an honoured place in the history of music—as a great violinist, who set the art of violin playing on the foundation on which it has ever since rested, and as a composer who did a great deal to advance the art of writing both chamber music and for orchestra. A simple and kindly soul, he was the friend of both Handel and Scarlatti, and Handel was inclined to make game of Corelli's simple, decidedly careful and unassuming ways. It is told of him that he would always rather walk than hire a carriage, and that he cared nothing for fine or even presentable clothes. He left behind him a voluminous collection of very fresh and attractive music, a great gallery of fine paintings which

he gathered together, and the very considerable fortune of £60,000 in cash.

THE pictures and money he bequeathed to his friend, patron, and employer, Cardinal Ottoboni, whose orchestra he conducted. To the cardinal's credit, he it said, that though he took over the art collection he sought out Corelli's relations and divided the money among them. Corelli travelled extensively, being the forerunner of virtuosi such as Paganini, Sarasate, Ysaye, Kreisler, and Szigei. Although Handel, the bluff Saxon, twitted Corelli with "liking nothing better than seeing pictures without paying for it, and saving money," Corelli bequeathed the world a priceless legacy of rare compositions, including the "Christmas Concerto," which is the eighth of the series, and one of the most charming.

ONE would imagine that the mortals of Hollywood would become thoroughly satiated with the excitement due to the production of a premiere picture and take such an event as a matter of course. According to Mr. B. Bernard (2ZW), if a new world premiere picture were launched each week, profound inquisitive interest would still continue. Hollywood is Hollywood, and the existence of everybody resident there is dependent upon movie-making. Prior to the initial showing of a new picture for world reproduction, a considerable amount of publicity is given by newspapers, magazines, and posters throughout the length and breadth of the United States, to the plot, the theme, and to the better-known participants. On the night of the first showing the searchlights from associated theatres are erected along

the sidewalks, and when the illuminations are fully operating the scene is indescribable. All Hollywood is in a fever of excitement.

ALTHOUGH the capacity of the theatre is small (about 1500), and showing does not start until 10.30 p.m., crowds commence to congregate at the entrance early in the morning. The price of admission is about £2/10/- in English money, if one is fortunate enough to secure a ticket when they are first issued, as speculators buy up blocks of seating and charge high premiums to intending visitors. When Hollywood is compressed into the space fronting the theatre, radio announcers describe the scene to the remainder of the United States, and leading characters in the production are invited to make a few remarks to please their absent admirers. At the conclusion of the initial screening comes the party at the Roosevelt Hotel, and in American this is some party. Following all this, the country is then flooded with articles and announcements, to what the enthusiasm of theatre proprietors and their patrons. Publicity is the instrument by which Barnum's dictum, "You can fool the public all the time," is given practical demonstration. Further publicity is generated by the private parties of the leading stars, professional jealousy knowing no better method of scoring off a fellow member of the firmament, and according to Mr. Eric Linklater, these parties also arouse more than a little interest.

ORATORIO is usually very well done in New Zealand, and consequently this form of church music in-

vokes a partiality among all music-lovers. The relay by 2YA of immortal Handel's glorious "Messiah" from Lower Hutt was a most splendid performance, and a very pleasing feature was the distinctness of enunciation. As a rule, choral work broadcast from a church suffers in this respect, but on Sunday few words were lost in the echoes.

MR. VOCO'S pot-pourri programme reminiscent of his contributions throughout the year was a bright affair, recalling many pleasant hours given during 2ZW's Tuesday nights' transmissions. Even nervous number 38 jogged the memory of a quite joyful series. Alloyed fractions are not the usual fare submitted by Mr. Voco, and one of the most appealing features of his programmes is that they are mostly built upon a well-conceived theme, with the solid foundation of the best recordings. The talks have invariably been extremely interesting, and his best wishes for a Merry Christmas were heartily reciprocated by his many listeners.

FROM "La Source" (The Spring), one of Delibes' many successful and tuneful ballets, two suites have been made. The present composition is divided into four short parts, and of the other, the first suite is the famous "Nella," the concert waltz of which, by Dohnanyi, is familiar through Backhaus's exquisite record. These two suites were the first important compositions of Delibes, who in his twenty-fourth year was established as one of the accompanists at the Paris Opera House, where he had distinguished himself by his industry and excellent musicianship. He is said in particular to have attracted attention to himself by the manner by which he played the full score of Meyerbeer's "L'Africaine," at the time considered the last word in complexity. The director had entrusted the composition of a ballet called "La Source" to a fashionable Polish composer by the name of Mikus. Nobody, not even the composer, seemed very happy with the result, and Delibes was asked to lend a hand, which he did to such effect that the music written as a kind of stop-gap was voted by everybody the outstanding feature of the score.

DELIBES'S name as a composer of ballet music was made, and after a couple of divertissements he was commissioned four years later, in 1870, to write the ballet "Coppelia," by which he is best known to-day. The first movement of the present suite, which the Concert Orchestra under Mr. Leon de Mauny has selected to play on the 30th, "Scarf Dance," be-

A One-Act Thriller

"Congo Nights"

(Hughes)

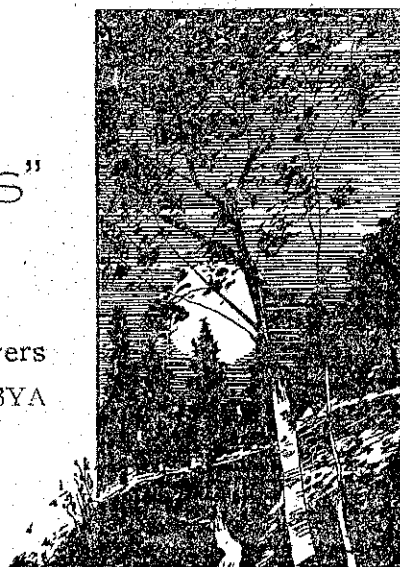
Played by the

B.B.C. Dramatic Players

Will be broadcast from 3YA

On

MONDAY, JAN. 2.



gins with a brief trumpet prelude which merges into a brisk two in the bar. In the middle there is a smooth melody played first by the strings and clarinet, then by flute and oboe. Following this is the beautiful "Love Scene," and the danced march called "Circassian Dance." It is significant of Delibes's reputation as a writer of ballet music when composers such as Gounod and Massenet were commissioned to write for the opera—an honour, by the way, never extended to Delibes himself—they consulted him when in difficulties regarding technical points of the ballet music of the operas.

2YA listeners were brought right up to date in current world affairs when Dr. Guy H. Scholefield scrutinised the events leading up to the dispute between the Persian Government and the Anglo-Persian Oil Company, which has the support of the British Government. Giving his talk the title "Persia's Oil and Soul," Dr. Scholefield mentioned that it was rumoured that the dispute has been inflamed and was possibly due to Russian agents. The shadow of Russia has always loomed largely over Persia, although until recently no attempt has been made to Sovietise Persia. When the country was without stable Government a move on the part of Russia would have necessitated Britain taking possession of Persia, for the preservation of British interests in the country, and to keep the territory as a buffer State between Russia and India. At the beginning of the century Mr. W. K. Darcy, a New Zealander, acquired oil-prospecting concessions from the Shah and powerful local sheiks, and although much capital was

vainly spent in unsuccessful prospecting in early days, within the prescribed time a prosperous oil-producing corporation was established. The Anglo-Persian Oil Company's successful venture was largely due to the monetary assistance from the British Government, which now holds a substantial interest in the company, although involved finance might suggest that its holdings are not so large as claimed. Since the war Persia has had many changes of Government, but with a capable American financial adviser and an ever-increasing revenue from royalties derived from the company's enterprise, Persia may claim to have established a stable Government. Dr. Scholefield explained how the company's ramifications had completely changed the mode of living in Southern Persia. Country which a few years ago had only nomads and robbers to-day supports a population, well-housed, with educational facilities, free medical advice and an improved standard of living, all due directly to the valuable oil industry, which has definitely im-

proved the life of every person in Persia.

THAT Persia has materially advanced is evident when a people, long subjugated by the blight of the Turk, can muster sufficient courage to accuse their greatest benefactor of exploitation. Naturally the Persian is not the only national that has benefited by the Anglo-Persian Oil Company's enterprise. Numerous unskilled labourers in the employ are as discoloured as the remnants of Cyrus's Empire, but whole hordes of Persians are unemployable and not worth bothering about. It may be suggested that a willingness to refer the dispute to the Permanent Court of Justice is a sign of weakness on Britain's part, due possibly to an attenuated exchequer that resulted from winning a war. The Persians seem to be in a hopeful frame of mind when they agree, while the H.M.S. Hawkins is sitting on their front-door step, to submit the pros and cons to a League of Nations which is competent to diffuse poetry but apparently futile in arresting aggression.

★ For ★
"Mirth and Melody"
By
Jack and Jill
Tune in to 1YA on
MONDAY, JANUARY 2.
★ ★

Valedictory

A PLEASANT function took place in the head office of the Broadcasting Board on Monday evening last when the staff assembled to make a presentation, and say farewell, to Mr. E. Perreau, who for the past five years has been cashier, first to the Broadcasting

A
Programme
Of

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NUMBERS

Will be broadcast from 4YA
On
THURSDAY, JANUARY 5.

Company and for the past year to the Broadcasting Board.

The general manager for the board, Mr. E. C. Hands, expressed the staff's regret that Mr. Perreau was retiring from the service of the board, and presented him with a case of pipes.

Mr. Perreau, who suitably responded, is retiring from active service and will make his future home in Christchurch.

Here's Value ! The New Krieslers from £18/10/-

We're not asking you to merely take our word for it, when we say that the new Kriesler is the best value in radio to-day. The proof is there for you to see—and hear.

Compare the Kriesler point by point with any other radio. Note the valves of the newest 6-pin type, the rust-proof chassis, the compact mounting, the latest Jensen Dynamic speaker, the handsome cabinet.

Then hear the Kriesler. Give it any test you like. Listen to its tone, see how it reaches after distance, note its marvellous freedom from outside noises.

You'll be convinced that all we say about the Kriesler is true, and because we know you'll be convinced we give you 12 months guarantee on a money-back basis with every set.

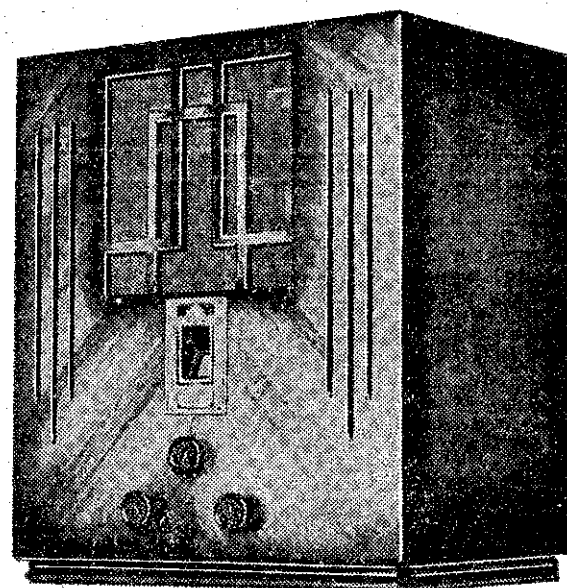
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5-Valve Superheterodyne Mantel Cabinet, as illustrated £18/10/-

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7-Valve Superheterodyne Console Cabinet £24/10/-

Programmes for Week ending Jan. 7

Copyright.—These programmes are copyright, but individual daily programmes may be published on day of performance.

1YA Auckland

Sunday 1. 820 kc.

11.0: Relay of Service from Pitt Street Methodist Church. Preacher, Rev. W. Walker.

2.0-4.30: Selected recordings.

6.0: Children's Song Service, conducted by Uncle Bert.

7.0: Relay of Evensong from St. Matthew's Church. Preacher, Canon Grant Cowan.

Concert Programme.

8.30 (approx.): Relay from Albert Park of Concert by Auckland Municipal Band. Conductor, George Buckley.

March, The Band, "Indienne" (Sellenick).

Overture, The Band, "Morning, Noon and Night" (Suppe).

Clarinet Solo, Ed. Pheloung (with Band), "Fantasia on Scotch Melodies" (Lazarus).

Selection, The Band, "Mikado" (Sullivan).

Suite, The Band, "Serbian Dances" (Sistek): (1) Kostenka; (2) Banatanka.

Duet (Piccolo and E Flat Clarinet), Hal. C. McLennan and P. W. Istoe (with Band), "Rippling Streams" (Gennin).

Descriptive Fantasia, The Band, "Hunting Scene" (Bucalossi): (a) "Early Morning"; (b) "The Meet."

The Band, "Symphony No. 1 in C Major, Op. 21" (Adagio Molto and Allegro con Brio) (Beethoven).

Hymn, The Band, "Abide with Me" (Lyte).

March, The Band, "Passing of the Regiments" (Winter).

Selected recordings.

2YA Wellington

Sunday 1. 720 kc.

10.0-10.45: Special New Year's Day Service from the Studio, conducted by Rev. James Baird.

2.0-4.30: Selected recordings.

6.0: Children's Song Service, conducted by Uncle George.

7.0: Relay of Evening Service from The Salvation Army Citadel, Vivian Street, Wellington.

Concert Programme.

(Relayed to 2ZD, Masterton.)

8.15-10.0 (approx.): Lecture-Recital, "Looking Backward." A Musical Pageant of History, from the Conquest of Britain, 55 B.C., to Mussolini's March on Rome, 1922 A.D. Notable events of the past musically illustrated. Narrator, Karl Atkinson.

3YA Christchurch

Sunday 1. 980 kc.

10.0-10.45: New Year Service.

2.0-4.30: Selected recordings.

5.30: Children's Song Service by children of Methodist Sunday Schools.

6.15: Selected recordings.

6.30: Relay of Service from St. Albans Methodist Church. Preacher, Rev. Basil Metson.

7.15: Selected recordings.

Sunday

January 1.

Church Services. 1YA. 7 p.m. St. Matthew's Church; preacher, Canon Grant Cowan.

2YA. 7 p.m., Salvation Army Citadel.

3YA. 6.30 p.m. St. Albans' Methodist Church; preacher, Rev. Basil Metson.

4YA. 6.30 p.m. First Presbyterian Church; preacher, Rev. Allan Steevily.

After Church Concerts. 1YA. Relay from Albert Park of Concert by Auckland Municipal Band.

2YA. Lecture recital, "Looking Backward," a musical pageant of history.

3YA. Studio Orchestra; Mr. T. D. Williams (bass-baritone) and Mrs. E. Cameron (soprano).

4YA. Relay of organ recital from Dunedin Town Hall.

"Pierrot Phantasy"

By the

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BENNETTO DUO

A Novelty Entertainment, to be broadcast in two parts from 1YA

On

WEDNESDAY, DECEMBER 28.



Concert Programme.

8.15: Selection, Studio Orchestra (Conductor, Harold Beck), "The Thistle" (arr. Myddleton).

8.36: Recording (Choral), Ever-Ready Hour Group, "Going Home" (arr. Fisher).

8.30: Recording (Organ), Richard Jordan, "Song of the Islands" (King).

8.33: Bass-baritone, T. D. Williams, "Stay, Golden Moments" (Jensen); "Friend" (with orchestral accompaniment) (Davies).

8.37: Recording, Argyle Reel and Strathspey Band, "Balmoral" Foursome Reel.

8.40: Studio Orchestra, "Masquerade" (Byford); "Pizzicato" (O'Donnell); "Ole South" (Zameenik).

8.48: Soprano, Mrs. E. Cameron, "The Promise of Life" (Cowan); "Golden Dancing Days" (Clarke).

8.52: Recording, H.M. Grenadier Guards Band, "Old Folks at Home and in Foreign Lands" (Roberts): (a) "America"; (b) "France"; (c) "Scotland"; (d) "Spain"; (e) "Germany"; (f) "Ireland"; (g) "Italy"; (h) "Hungary."

9.0: Weather forecast and notices.

9.2: Studio Orchestra, "New Sullivan" Selection (arr. Godfrey).

9.16: Recording (Choral), Famous Forty Elks Chorus, "Sylvia" (Speaks).

9.19: Recording, Argyle Reel and Strathspey Band, "Grampian Eightsome Reel."

9.23: Bass-baritone, T. D. Williams, "Homeward" (Hardy); "Love's Old Sweet Song" (with orchestra) (Molloy).

9.29: Recording, Criterion Male Quartet, "Plantation Lullaby"; "Little Cotton Dolly" (Geibel).

9.32: Recording (Carillon), W. E. Jordan, "Fantasia on Popular Songs."

9.38: Soprano, Mrs. E. Cameron, "The Old Knitted Shawl" (Squire); "Harvest Slumber Song" (Needham).

9.44: Valse, Studio Orchestra, "A Thousand and One Nights" (Strauss).

9.52: Recording (Mixed Chorus), Ever-Ready Hour Group, "Down South" (Myddleton).

9.55-10.1: Recording, Band of H.M. Coldstream Guards, "Old Comrades" March (Teike). Sousa's Band, "Hands Across the Sea."

4YA Dunedin

Sunday 1. 650 kc.

10.0-10.45: Devotional service.

2.0-4.30: Selected recordings.

5.30: Children's Song Service, conducted by Big Brother Bill.

6.15: Selected recordings.

6.30: Relay of Evening Service from First Church (Presbyterian). Preacher, Rev. Allan Steevily.

7.45: Selected recordings.

Concert Programme.

8.15: Relay from Dunedin Town Hall of Organ Recital by Dr. V. E. Galway. City Organist, and assisting artists.

9.30-10.0: Selected recordings.

2YB New Plymouth

Sunday 1. 1230 kc.

6.0 to 6.45: Children's Sunday evening session, conducted by Uncle Jonathan.

1YA Auckland

Monday 2. 820 kc.

- 10.0: Devotional service.
 10.15: Selected recordings.
 11.30: Relayed description of events at the Auckland Racing Club's meeting.
 4.30: Weather report for farmers.
 4.32: Continuation of relay.
 5.0: Children's hour, conducted by Jack and Jill.

Dinner Music.

6.0: Albert W. Ketelbey's Orchestra, "Chal Romano" Gypsy Overture (Ketelbey). De Groot's Piccadilly Orchestra, "Friend o' Mine" (Sanderson). Johann Strauss and Symphony Orchestra, "Morgen Blatter" Waltz (Strauss).

6.14: J. H. Squire Celeste Octet, "An Irish Love Song" (Squire). Anglo Persians' Orchestra, "Second Movement from 'Symphony Pathétique'" (Tchaikowsky).

6.24: H.M. Coldstream Guards Band, "Les Cloches de Corneville—Selection" (Planquette). International Novelty Quartet, "Merry Widow—Waltz" (Lehar). London Palladium Orchestra, "Nautical Moments" (arr. Winter).

6.43: Berlin State Opera House Orchestra, "Dance of the Hours" ("La Gioconda") (Ponchielli). Paul Whiteman Orchestra "Mississippi Suite"—A Tone Journey (Grofe).

7.0: News and reports.

Concert Programme.

Relay to 1ZH, Hamilton.

8.0: Record (March), Band of H.M. Grenadier Guards, "Faithful and Bold" (Rust).

8.4: Jack and Jill, "Mirth and Melody" Pt. 1.

8.13: Record (Bagpipes), Pipe-Major Forsyth, "The Blacksmith of Killiehasie."

8.16: Baritone, Stan Pritchard, "The Song of the Clock" (Burchell).

8.20: Overture, 1YA Chamber Orchestra, "Plymouth Hoe" (Ansell).

8.27: Record (Humour), Rupert Hazell, "3.0 L (A Radio Fan's Dream) (Hazell).

8.39: The Orchestra, "Orientale" (Cui); "Sleeping Beauty" (Tchaikowsky).

8.46: Contralto, Rita Thomas, "Keep On Hopin'" (Maxwell); "Just Because the Violets" (Russell).

8.52: Record, Band of H.M. Grenadier Guards, "W. H. Squire's Popular Songs" (Squire).

9.0: Weather forecast and notices, and resume of Second Test Cricket Match England v. Australia.

9.7: Reserved.

9.17: Baritone, Stan Pritchard, "Gypsy Dan" (Russell); "Little Snoosy Doon" (Coates).

9.22: Selection, The Orchestra, "Gypsy Love" (Lehar).

9.30: Jack and Jill, "Mirth and Melody" (Part 2.).

9.40: Record (Clarinet), Jimmy Dorsey, "Prayin' the Blues" (Dorsey).

9.43: Contralto, Rita Thomas, "My Prayer" (Squire).

9.47: Record (Humour), Clapham and Dwyer, "It Isn't Cricket" (Clapham and Dwyer).

9.53: Record (Vocal Gems), Light Opera Company, "The Red Mill" (Herbert).

9.57: March, The Orchestra, "Galleto" (Lope).

10.0: Sports summary.

10.10-11.10: Dance music.

Monday

January 2.

Evening Talks: "Books—Grave and Gay," 2YA Book Reviewer, 2YA, 7.40.

"The Mother of Parliaments," Mr. Charles E. Wheeler. 2YA, 8.40.
 "The International Outlook of Norway and Sweden," Mr. J. T. Paul, 4YA, 9.2.

Features: 1YA. 1YA Chamber Orchestra; Rita Thomas (contralto); "Jack and Jill" in "Mirth and Melody."

2YA. The Concert Orchestra and selected recordings.

3YA. Woolston Brass Band.

4YA. Novelty Fantasia, "Reminiscences of a Miners' Camp, Fifty Years Ago."

2YA Wellington

Monday 2. 720 kc.

- 10.0: Selected recordings.
 10.30: Devotional service.
 12.0: Lunch music.
 2.0: Selected recordings.
 3.30: Special weather report and sports results.
 4.0: Special weather report.
 4.30: Sports results.
 5.0: Children's hour, conducted by Hia-watha and Buffalo Bill.

Dinner Music.

6.0: National Symphony Orchestra, "William Tell—Overture" (Rossini). International Novelty Orchestra, "To Die Dreaming" Waltz. Poltronieri String Quartet, "Serenade from Quartet in F" (Op. 3 No. 5) (Haydn).

6.19: Jack Hylton Orchestra, "Memories of Paris" (Moretti). J. H. Squire Celeste Octet, "Scene de Ballet" (de Beriot arr. Sear). Royal Italian Band, "Marcia Reale" (Royal March), (Gabetti).

6.32: The Parlophone Salon Orchestra, "La Source—Ballet Suite" (Pts. 1-2) (Delibes). Salon Orchestra, "Aloha Sunset Land" (Kawelo). Reginald King and His Orchestra, "The Song I Love" (Henderson).

6.46: Zonophone Salon Orchestra, "Simple Aveu" (Thome). Marek Weber and His Orchestra, "Vienna by Night" (Komzak).

7.0: News and reports.

7.40: Lecturette, 2YA Book Reviewer, "Books, Grave and Gay."

Concert Programme.

8.0: Overture, 2YA Concert Orchestra, "Ruy Blas" (Mendelssohn).

8.8: Tenor, Arthur C. Clark, "O Mistress Mine" (Quilter); "Shenandoah" (arr. Terry).

8.14: The Orchestra, "Finnish Lullaby" (Palmgren). Violin with Orchestra, Leon de Mauny, "Vision" (Drdla).

8.25: Recording (Monologue), Gillie Potter, "Mr. Potter's Sporting Broadcast" (Pts. 1-2) (Potter).

8.31: Suite, The Orchestra, "L'Enfant Prodigue"—"Overture"; "Valse de Phrynette"; "Marche Militaire" (Wormser).

8.40: Lecturette, Chas. E. Wheeler, "The Mother of Parliaments—House of Commons Impression; A Thrilling Modern Incident: The 2000 Millions Debt Conversion Statement."

9.0: Weather report and notices. Resume of Day's Play in Second Test, England v. Australia.

9.2: Recording (Piano duo), The Two Octaves, "She's So Nice" (Coots); "By the Fireside" (Connolly).

and Art Kahn, "Itchin' Fingers" (Robinson). Saxophone, Rudy Wiedoeft, "Rub-egola" (Frey).

9.51: Recording (Vocal Duets), Jack and Claude Hulbert, "It Always Starts to Rain" (Wallace); "Jolly Good Company" (Wallace).

9.56: March, The Orchestra, "High School Cadets" (Souza).

10.0: Sporting summary.

10.10-11.10: Dance programme.

3YA Christchurch

Monday 2. 980 kc.

- 10.0: Devotional service.
 10.15: Selected recordings.
 11.0: Relayed description of Cricket Match Canterbury v. Wellington from Lancaster Park.
 12.0: Lunch music and relayed description of Canterbury Trotting Club's meeting, Addington.
 2.0: Selected recordings.
 3.30: Sports results.
 4.30: Special weather forecast and sports results.
 5.0: Children's hour, conducted by Aunt Pat.

Dinner Music.

6.0: B.B.C. Wireless Symphony Orchestra, "La Boutique Fantastique—Selection" (Respighi). Columbia Symphony Orchestra, "Spring Song" (Mendelssohn).



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International Concert Orchestra, "La Spagnola" Waltz (Di Chiara).

6.15: Edith Lorand Orchestra, "Tales of Hoffman" Fantasia (Offenbach). Berlin State Opera House Orchestra, "Slavonic Dances" Nos. 8 and 16, (Dvorak). B.B.C. Wireless Military Band, "Le Reve Ense" (Helmer). Marek Weber and His Orchestra, "Rustle of Spring" (Sindling).

6.36: Symphony Orchestra, "Artists' Life" Waltz (Strauss). Cedric Sharpe Sextette, "Intermezzo" (Coleridge Taylor). Novelty Orchestra, "Passion Rose" (Lehar). Piccadilly Orchestra, "My Beloved Gondolier" (Tibor).

6.50: New Light Symphony Orchestra, "At Dawning" (Cadman). Dajos Bela Orchestra, "The Court Ball" Waltz (Lanzer).

7.0: News and reports.

Concert Programme.

8.0: March, Overture, Woolston Brass Band, Conductor R. J. Estall, "The President" (Gumart); "The Bohemian Girl" (Balfe).

8.14: Recording, Light Opera Company, "Sunny Side Up" (Henderson).

8.18: Piano, Ellis Gilders, "Rhapsodie in Eb" 119 No. 4, Allegro Resolute (Brahms).

8.23: Soprano, Lottie Colville, "The Leaves and the Wind" (Leoni); "Spreading the News" (Oliver).

8.27: Recording, Flotsam and Jetsam, "Little Chap" (Flotsam and Jetsam).

8.30: Bandsman R. Ohlson with band, "The Caledonian" (Allison).

8.36: Recording, One-act thriller, B.B.C. Dramatic Players, "Congo Nights" (Hughes).

8.39: Recording, Xylophone, Rudy Starita, "The Clatter of the Clogs" (Wynn).

8.42: Bass Baritone, Claude O'Hagan, "The Arrow and the Song" (Balfe); "The Admiral's Yarn" (Rubens).

8.46: Band, "Old King Cole" (Ewen Campbell).

8.54: Recording, Talking, Don Bradman, "A Friendly Chat"; "How It's Done" (Bradman).

8.57: Recording, Dajos Bela Orchestra, "You and You" (Strauss).

9.1: Weather forecast and notices.

9.3: Resume of Cricket Test Match—England v. Australia. Reserved.

9.19: Band, "A Rustic Fete" (Hawkins).

9.26: Soprano, Lottie Colville, "Plantation" (negro) (Steiner); "When B'er a Snowflake Leaves the Sky" (Liza Lehmann).

9.33: Recording, Albert Sandler's Orchestra, "The Land of Smiles" (Lehar).

9.36: Recording, Humour, Charles Penrose, Kaye Connor and Company, "Laughing Policeman's Party" (Grey).

9.39: Piano, Ellis Gilders, "Revolutionary Study in C Minor" (Chopin); "La Fileuse" (Raff).

9.45: Selection, Band, "Verdi's Works" (arr. Round).

9.54: Bass, Baritone, Claude O'Hagan, "A Little Old Garden" (Hewitt); "Little Grey Home in the West" (Lohr).

9.58: Band, "Rays of Glory" (Rimmer).

4YA Dunedin

Monday 2. 650 kc.

10.0: Selected recordings.

10.15: Devotional Service.

11.0: Relay from Carisbrook Ground, description of Interprovincial Cricket: Hourly resumes of fifteen minutes each. Auckland v. Otago (22nd day's play).

12.0: Lunch music.

2.0: Selected recordings.

3.30: Sports results.

4.0: Special weather forecast for farmers.

4.30: Sports results.

5.0: Children's Hour, conducted by Uncle Jack.

Dinner Music.

6.0: Berlin State Opera House Orchestra, "Marinarella Overture" (Fucik). Zonophone Salon Orchestra, "Rose in the Bud" (Forster). International Novelty Quartet, "Cuckoo," Waltz (Jonasson).

6.13: Dajos Bela Orchestra, "Vindobona" Viennese Folk Song Fantasy (Leopold). Dajos Bela Orchestra, "Wedding in Liliput" (Translatour). Stockholm Royal Opera House Orchestra, "Eugen, Onegin," Polonaise (Tschalkovsky).

6.29: Berlin Symphony Orchestra, "Tiefland-Selection" (d'Albert). International Concert Orchestra, "Sari-Waltz" (Kelman).

6.42: Debroy Somers Band, "Good News," selection (de Sylva, Brown and Henderson). Berlin State Opera House Orchestra, "From Opera to Opera" (Schestak).

7.0: News and reports.

Concert Programme.

8.0: Selected recordings. Selection, Orchestra of the Concerts Colonne, Paris, "The Golden Cockerel" (Rimsky-Korsakoff).

8.3: Soprano, Elizabeth Rethberg, "One Fine Day" (Puccini); "Michaelas Aria" (Bizet).

8.16: Piano, Harold Samuel, "First Movement of Sonata in F Minor" (C. Bach); "Last Movement of Sonata in E" (J. Bach).

8.22: Potpourri, Symphony Orchestra, "Waltz Dream" Medley (Strauss).

8.30: Baritone, Apollo Granforte, "Dear Zaza"; "Zaza, Little Gypsy" (Leoncavallo).

8.36: Cornet, John Robertson, "The Debutante" (Clarke); "Il Bacio" (Arditi).

8.42: Selection, Symphony Orchestra, "First Movement of Symphony in E Flat" (Drum Roll) (Haydn).

8.48: Duet, Bide Norena and M. Michelletti, "O Light Divine" (Gounod); "Ah, Do Not Flee Again" (Gounod).

8.56: Massed Military Bands, "Radetzky March" (Strauss).

9.0: Weather forecast and notices.

Resume of day's play in Second Test—England v. Australia.

9.2: Talk, J. T. Paul, "The International Outlook of Norway and Sweden."

9.15: Novelty Fantasia, "Reminiscences of a Miners' Camp Fifty Years' Ago." Recordings Used During Presentation of Fantasia.

9.15: Piano-Accordion, MacKenzie Reid, "Union Jack Medley" (Traditional).

9.18: Tenor, Gerald Adams, "White Wings" (Winter).

9.21: Mouth-organ, P. C. Spouse, "Silver Bell."

9.24: Solo and Chorus, Cavan O'Connor, Chorus and the Variety Singers, "In the Shade of the Old Apple Tree" (Williams).

9.27: Irish Pipes, Pipe-Major Starek, "The Dublin Jig and St. Patrick's Day" (Traditional).

9.29: Quartet, Shannon Male Quartet, "Where the Silvery Colorado Winds its Way" (Avril).

9.32: Accordion, Johnnie Sylvester, "Sidewalks of New York" (Blake).

9.35: Baritone, Kenneth Waters, "The Old Rustic Bridge by the Mill" (Skelly).

9.38: Humour, The Dooleys, "An Old-time Cross-Patter Act" (Wood).

9.43: Handbells, The Famous Barnardo Musical Boys, "Chiming Bells of Long Ago" (Christobel).

Tuesday

January 3.

Evening Talks: "The Danish Folk School and its Influence on Farming and National Life," E. J. Bror, C.

Muller, 1YA, 9.7.

"Gardening" talk, 2YA, 7.40.

"Life and Adventures of Mata Hari," Major-General B. S. Merlin, 2YA, 8.40.

"Sunbathing," by a Medical Practitioner, 3YA, 7.30 p.m.

"The Life and Training of an Officer in the Mercantile Marine." Mr. J. A. Wilson, 4YA, 9.2.

Features: 1YA. Selected recordings.

2YA. Frank Crowther's Novelty Orchestra; Ena Rapley, and Edwin Dennis (vocal duets).

3YA. Litchfield Male Quartet, and the Melody Trio.

4YA. Programme of Scots Music.

1YA Auckland

Tuesday 3. 820 kc.

10.0: Devotional service.

10.15: Selected recordings.

11.30:elayed description of events at Auckland Racing Club's meeting.

4.30: Weather report and farmers.

4.32: Continuation of relay.

5.0: Children's hour, conducted by Uncle Dave.

Dinner Music.

6.0: Milan Symphony Orchestra, "Semiramide Overture" (Rossini). Orchestre Symphonique de Paris, "L'Arlesienne Suite" Adagietto (Bizet). Parlophone Salon Orchestra, "A Lover in Damascus" (Wordforde-Finden).

6.21: Dajos-Bela Orchestra, "Dynamiden" Waltz (Strauss). Halle Orchestra, "Capriccio Espagnole" (Rimsky-Korsakov). London Symphony Orchestra, "Chanson de Marin" (Elgar).

6.42: Ketelbey's Concert Orchestra, "By the Blue Hawaiian Waters" (Ketelbey). Major Bowes Capitol Theatre Trio, "My Isle of Golden Dreams" (Blau-fuss). Berlin State Opera House Orchestra, "From Foreign Parts"—"Spain" and "Hungary" (Moszkowski).

7.0: News and information.

Concert Programme.

Relay to 1ZH, Hamilton.

8.0: Selected recordings. Royal Opera Orchestra, "A Noel Fantasy" from "A Carol Symphony" (Hutchinson).

8.9: Choral, Boys of the Hofburg Chapel Choir, Vienna, "Solweig's Song"

9.45: Quartet, The Shannon Quartet, "Jingle Bells" (Traditional).

9.48: Selection, Dan Hornsby Novelty Quartet, "Has Anybody Here Seen Kelly?"

9.51: Mouth-organ and Banjo, P. C. Spouse, "Dixie Melodies."

9.54: Solo and Chorus, Gerald Adam and the Variety Chorus, and Trevor Watkins with Trio, "Break the News to Mother" (Harris); "The Miner's Dream of Home" (Godwin).

Sports Summary.

2YB New Plymouth

Monday 2. 1230 kc.

7.0 to 8.0: Family session, conducted by Uncles Joe and Ted.

8.0 to 10.0: Studio concert.

(Grieg); "Joy, Queen of the Wise" (Mozart).

8.17: Bournemouth Municipal, "The Dicky Bird Hop" (Gourley).

8.20: Descriptive Sketch, "The Jolly Old Salts, "In Davy Jones Locker" (Weston and Lee).

8.26: Piano, Raie da Costa, "Serenade" (Heykens).

8.29: Duet, Herbert Thorpe and Foster Richardson, "A Perfect Day" (Bond); "The Keel Row" (arr. Moffatt).

8.35: Dajos Bela Orchestra, "Rhapsodie Russe" (Nussbaum).

8.39: Hawaiian, Queenie and David Kaili, "Breeze" (Macdonald); "Rose of Honolulu" (Armstrong).

8.45: Instrumental, The Jolly Campers, "Nocturne Java" (Silvester).

8.48: Humour, Fanny Brice, "Mrs. Cohen at the Beach" (Macdonald).

8.54: Yodelling, Minna Reverelli, "The Rippling Brook" (Edlen).

8.57: Instrumental, The Six Nite Lights, "Dancing Goblin" (Collins).

9.0: Weather forecast and notices, and resume of Second Test Cricket Match England v. Australia.

9.7: Talk, E. J. Bror and C. Muller, "The Danish Folk School and its Influence on Farming and National Life."

9.27: Instrumental, The Jolly Campers, "A Bit of a Waltz" (Ondt).

9.30: Baritone, Sidney Burchall, "My Song" (Henderson).

9.33: Organ, Maurice Vinden, "Canzonetta" (D'Ambrosio).

9.36: Mezzo-Soprano, Conchita Super-via, "Granada" (Albeniz-Cuenca).

9.40: Albert Sandler Orchestra, "Casino Dances" (Gungl).

9.43: Humour, Milton Hayes, "Monty Attends a Board Meeting" (Hayes).

9.49: Edith Lorand Orchestra, "Doll Waltz" (Bayer).

9.53: Parlophone Melody Company, "Convivial Songs."

9.59: March, Band of H.M. Grenadier Guards, "Old Panama" (Alford).

10.2: Sports summary.

10.10-11.10: Dance music.

2YA Wellington

Tuesday 3. 720 kc.

10.0: Selected recordings.

10.30: Devotional service.

12.0: Lunch music.

2.0: Selected recordings.

3.30: Special weather report and sports results.

4.0: Special weather report.

4.30: Sports results.

5.0: Children's hour, conducted by Jumbo.

Dinner Music.

6.0: Columbia Symphony Orchestra, "Bridal Procession" (Grieg). Paris Philharmonic Orchestra, "Hansel and Gretel Overture" (Humperdinck). Major Bowes Capitol Theatre Trio, "Pale Moon" (Logan). Grand Symphony Orchestra, "Suite Orientale"—"The Bajaderes"; "On the Shores of the Ganges"; "The Patrol"; "The Dancers" (Poppy).

6.27: Vienna Philharmonic Orchestra, "Music of the Spheres—Waltz" (Strauss). London Novelty Orchestra, "Amina—Egyptian Senerade" (Lincke). Regal Cinema Orchestra, "Show of Shows" Selection.

6.42: Zurich Tonhalle Orchestra, "Gavotte from 'Idomeneo'" (Mozart). Polydor String Orchestra, "The Good Old Days" Medley (Koek). J. H. Squire Celeste Octet, "Love's Old Sweet Song" (Molloy).

7.0: News and reports.

Concert Programme.

Relay to 2ZD, Masterton.

8.0: Recording Band of H.M. Royal Air Force, "The Grasshoppers' Dance" (Bucalossi).

8.4: Tenor, Edwin Dennis, "River Traffic" (Grove); "Warwickshire Wooring" (James).

8.10: Recording (Humour), Regal Comedy Company, "Musical Influenza."

8.13: Selection, Frank Crowther's Novelty Orchestra, "Maid of the Mountains" (Fraser-Simson).

8.22: Recording (Comedy Duo), Chick Endor and Charlie Farrell, "My Wife's First Husband John" (Farrell); "It's the Woman Who Pays" (Farrell).

8.28: Recording (Laughing Song), Chas. Penrose and Kaye Connor, "Happy Hikers" (Grey).

8.31: Classic Fox Trot, Frank Crowther's Novelty Orchestra, "Liszt, Chopin and Mendelssohn" (Nicholls). Valse, Frank Crowther's Novelty Orchestra, "Poupee Valsante" (Poldini). Trumpet, Dick Colvin, "Bedouin Love Song" (Pin-suti).

8.40: Talk, Maj-Gen. B. S. Merlin, "Life and Adventures of Mata Hari."

9.0: Weather report and notices. Resume of Day's Play in Second Test, England v. Australia.

9.2: Duet, Ena Rapley and Edwin Dennis, "Night of Stars, Night of Love" (Offenbach).

9.6: Frank Crowther's Novelty Orchestra, "A Hungarian Romance" (Bendix). Selection, "Kissing Time" (Caryll).

9.16: Recording (Humour), Gracie Fields, "Granny's Little Old Skin Rug" (Cliffe); "What Archibald Says Goes" (Castling).

9.22: Soprano, Ena Rapley, "Light is My Heart" (Monckton); "Blackbird's Song" (Scott).

9.28: Recording (Xylophone), Rudy Starita, "The Clatter of the Clogs" (Flynn); "The Dancing Tailor" (May).

9.34: Duet, Ena Rapley and Edwin Dennis, "Quarrelling" (Monckton).

9.38: Fox Trot, Frank Crowther's Novelty Orchestra, "The Kinkajou" (Tierney). Valse, "The Cuban Love Song" (Stothart). Fox Trot, "Oh! Mo'nah" (Weems).

9.48: Recording (Choral), The Border Singers, "Sir Harry Lauder Songs" Vocal Gems (Lauder).

9.56: Recording, H.M. Grenadier Guards Band, "Regimental March Medley."

10.0-10.10: Sporting summary.

3YA Christchurch

Tuesday 3.

980 kc.

10.0: Devotional service.

10.15: Selected recordings.

11.0: Relayed description of Cricket match, Canterbury v. Wellington, from Lancaster Park.

12.0: Lunch music and relayed description of races at Canterbury Park Trotting Club's meeting.

2.0: Selected recordings.

3.30: Sports results.



Malcolm Miller,

well-known Christchurch bass, who will be heard from 3YA on Wednesday, January 4.

4.30: Special weather forecast and sports results.

5.0: Children, by Aunt Pat.

Dinner Music.

6.0: Columbia Symphony Orchestra, "Maritana" Overture (Wallace). Dajos Bela Orchestra, "Marien Klange" Waltz (Strauss). New Mayfair Novelty Orchestra, "Uncle Pete" (Jones).

6.15: J. H. Squire Celeste Octet, "Memories of Tchaikowsky" (arr. Sear). Debroy Somers Band, "A Musical Comedy Switch" (arr. Hall).

6.31: Johann Strauss Orchestra, "Kiss Waltz" (Strauss). Symphony Orchestra, "La Vida Breve" Spanish Dance (de Falla). New Light Symphony Orchestra, "Madam Butterfly" selection (Puccini).

6.46: New Mayfair Novelty Orchestra, "Jollification" (Reeves). London Coliseum Orchestra, "Leslie Stuart Melodies" (Stuart). Ketelbey's Concert Orchestra, "Jungle Drums" Patrol (Ketelbey).

7.0: News and reports.

7.30: Talk by a medical practitioner (under the auspices of Sunlight League), "Sun Bathing."

Concert Programme.

8.0: Recording: New York Symphony Orchestra, "Mother Goose" (Ravel).

8.6: Male Quartet, Lichfield Male Quartette, "Softly, Softly, O'er the Sea" (Percival); "Down in the Depths" (Linders).

8.14: Duet, T. Ritchie and W. Cotton, "Mate O' Mine" (Elliott).

Male Quartet, "A Catastrophe" (Sprague).

8.26: Recording: Organ, Sidney Torch, "Round the Marble Arch" (Gay).

8.29: Tenor, H. J. Francis, "Achal by the Sea" (Lawrence); "Since You Went Away" (Johnson).

Male Quartette, "Land of Long Ago" (Lillian Ray).

8.35: The Melody Trio, "A Perfect Day" (Bond); "Somewhere a Voice is Calling" (Tate).

8.42: Recording: Contralto, Essie Ackland, "An Old Violin" (Fisher).

8.45: Recording: Podens Motor Works Band, "The Cossack March" (Kimmer).

8.48: Baritone, P. A. Caithness, "The Gay Highway" (Richards).

Male Quartette, "In Absence," (Dudley Buck); "Come Where My Love Lies Dreaming" (Foster).

8.58: Recording: Concert Orchestra, "The Trailing Arbutus" (Friedman).

9.1: Weather forecast and notices.

9.3: Resume of Cricket Test Match—England versus Australia.

9.5: Reserved.

9.18: Male Quartette, "Holy Night" (Gruber); "Stars of the Summer Night" (Cruickshank).

9.24: Instrumental, The Melody Trio, Two waltz songs, "Ramona" (Wayne); "Paradise" (Brown).

9.30: Dance music.

10.0: Sports summary.

11.0: Close down.

4YA Dunedin

Tuesday 3.

650 kc.

10.0: Selected recordings.

10.15: Devotional service.

11.0: Relay from Carisbrook Ground, description of Interprovincial cricket, Auckland v. Otago (third day's play). Hourly resumes of fifteen minutes each.

12.0: Lunch music.

2.0: Selected recordings.

3.30: Sports results.

4.0: Special weather forecast to farmers.

4.30: Sports results.

5.0: Children, by Wendy and Aunt Leonore.

Dinner Music.

6.0: New Queen's Hall Light Orchestra, "The Little Minister" Overture (Mackenzie). Edith Lorand Orchestra, "Hedgeroses" (Lehar). Barnabas von Geczy and His Orchestra, "The Student Prince" Selection (Romberg).

6.21: J. H. Squire Celeste Octet, "Invitation to the Valse" (Weber). The Palladium Orchestra, "La Siesta" (Barcarolle) (Norton). Royal Opera Orchestra, "Sylvia" Ballet—Pizzicato and Procession of Bacchus (Delibes).

6.36: Brunswick Concert Orchestra, "March of the Tin Soldiers" (Pierne). Orchestre de la Societe des Concerts du Conservatoire, Paris, "Le Rouet d'Omphale" (Saint-Saens).

6.46: Philadelphia Symphony Orchestra, "Carmen—Soldiers Changing the Guard" (Bizet). Dajos Bela Orchestra, "Russian Fantasia" (Lange). H.M. Coldstream Guards' Band, "The Geisha—Selection" (Jones).

7.0: News and reports.

Concert Programme.

8.0: Thirty minutes recordings.

"Programme Featuring Scots Music."

8.30: Selection, Dunedin Highland Pipe Band, (a) "Kosb"; (b) "Lochanside";

(c) "Atholl-Cummers"; (d) "Reel o' Tulloch" (Trdtl.).

8.38: Tenor, John T. Leech, "Scots wha Ha'e"; "Bonnie Wee Thing" (Traditional).

8.44: Banjo, O. W. Stokes, "Blue Bells" (Colicchio).

8.48: Contralto, Helen Roy, "The Rowan Tree" (Trdtl.). Duet, Helen Roy and John T. Leech, "O Wert Thou in the Cauld, Cauld Blast" (Trdtl.).

8.55: Selection, The Dunedin Highland Pipe Band, "Highland Cradle Song"; "Killcrankie"; "Inverness Ranet"; "Duntrunne" (Trdtl.).

9.0: Weather forecast and notices.

9.2: Talk, G. A. Wilson, "The Life and Training of an Officer in the Mercantile Marine," "H.M.S. Worcester."

9.17: Recording, The Border Singers, "Sir Harry Lauder's Songs" (Lauder and Harper).

9.25: Selection, The Dunedin Highland Pipe Band, "Scotland the Brave"; "Hunting Tower"; "Craigilea"; "Bonnie Dundee" (Trdtl.).

9.32: Tenor, John T. Leech, "Ae Fond Kiss"; "Of a' the Airts" (Trdtl.).

9.38: Recording, Zonophone Scottish Players, "Wee McGregor" (Amers).

9.41: Contralto, Helen Roy, "Scottish Blue Bells" (Nairn).

9.45: Banjo, O. W. Stokes, "X-N-Trick Rag" (Bauer); "Perpetuo Mobile" (Bohm).

9.50: Duet, John T. Leech and Helen Roy, "Jhelum Boat Song" (Woodford-Finden).

9.54: Selection, The Dunedin Highland Pipe Band, "Dornoch Links"; "Atholl Highlander"; "Devil in the Kitchen"; "Sleepy Maggie" (Trdtl.).

Sports summary.

DECEMBER N.Z. RADIO TIMES Special— For BEGINNERS

This month's "Radio Times" is a special beginners' number, and will interest those who are looking for technical and constructional articles of a somewhat simpler nature than has been featured in the past. There is one advanced receiver, The "A.V.C. Super." Some of the contents of the December "Radio Times" are as follows:—
"The R.T. Crystal" Set, The Outspan Two, The A.V.C. Super, A four-valve A.C. Kit Set—description of the British Radio Olympia, and many other features making up a really worthwhile number.

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THE N.Z. RADIO TIMES

BOX 1032, WELLINGTON.

1YA Auckland

Wednesday 4. 820 kc.

- 10.0: Devotional service.
10.15: Selected recordings.
11.0: Talk.
11.15: Selected recordings.
12.0: Lunch hour music.
2.0: Selected recordings.
4.30: Weather report for farmers.
4.32: Selected recordings.
5.0: Children, by Uncle Reg.

Dinner Music.

- 6.0: Berlin Philharmonic Orchestra, "Carnaval Romain" Overture (Berlioz). Columbia Symphony Orchestra, "Al Fresco" (Herbert). London Palladium Orchestra, "Katja the Dancer" Waltz (Gilbert). Berlin State Opera Orchestra, "Capriccio Italien" (Tchaikovsky).
6.23: Plaza Theatre Orchestra, "Minnet" (Finck). London Novelty Orchestra, "Love in Idleness" (Macbeth). National Military Band, "Lohengrin" Prelude (Wagner).
6.32: Brunswick Salon Orchestra, "Love Everlasting" Waltz (Friml). J. H. Squire Celeste Octet, "Mignon" Polonaise (Thomas). Virtuoso String Quartet, "Londonderry Air" (arr. Bridge). De Groot Orchestra, "Louise" Selection (Charpentier).
6.47: J. H. Squire Celeste Octet, "Song of the Celeste" (Renard). New Concert Orchestra, "Jolly Fellows" Waltz (Vollstedt). Brunswick Salon Orchestra, "Little Grey Home in the West" (Lohr).
7.0: News and reports.

Concert Programme.

- 8.0: Selected recordings.
8.30: Tenor, Denis Sheard, "My Paradise" (Clarke). Duet, Denis Sheard and Valerie Peacocke, "Love, Here is My Heart" (Silesu). Soprano, Valerie Peacocke, "Wonderful" (Lehar).
8.39: Record, The A. and P. Gypsies, "Old Forgotten Waltz" (Ugletzki).
8.42: Musical Sketch, The Baileys, "Good Luck in Three Omens" (Hay): (1) "Horse Shoe"; (2) "White Heather"; (3) "Black Cat."
8.56: Record, Dajos Bela Orchestra, "I Love You" (Waldteufel).
9.0: Weather forecast and notices.
9.2: Talk, Samuel J. Gudsell, "Personal Notes on Outstanding Celebrities of Los Angeles."
9.17: Record, Marek Weber and Orchestra, "The Nightingale's Morning Greeting" (Recktenwald).
9.20: Vocal Duet, Denis Sheard and Valerie Peacocke, "A Paradise for Two" (Tate).
9.24: Humorous Monologue, Mrs. J. W. Bailey, "The Boy Guessed Right" (Monckton). Character Sketch, J. W. Bailey, "Tony Weller" (from "Pickwick Papers") (Dickens).
9.32: Dance music.
10.0: Sports summary.

2YA Wellington

Wednesday 4. 720 kc.

- 10.0: Selected recordings.
10.30: Devotional service.
11.30: Lecturette, "Hollywood Affairs."
12.0: Lunch music.
2.0: Selected recordings.
3.30: Special weather report and sports results.
4.0: Special weather report.
4.30: Sports results.
5.0: Children's hour, conducted by Aunt Molly.

Wednesday

January 4.

Evening Talks: "Personal Notes on Outstanding Celebrities of Los Angeles," Mr. S. J. Gudsell, 1YA, 9.2.
"A Fight and a Feast," Captain C. Wright, 2YA, 8.40.
Addington Stock Market Report, 3YA, 7.30.

Features: 1YA. Musical sketches by the Baileys.
2YA. Selected recordings.
3YA. The Salon Orchestra; Nellie Lowe (contralto), and Noel Cape-Williamson ('cellist).
4YA. Illustrated talk by Dr. V. E. Galway, Dunedin City Organist, "Mozart"; Maitland McCutcheon (violinist), and Lettie de Clifford (soprano).

Dinner Music.

- 6.0: National Symphony Orchestra, "Orpheus in Hades" Overture (Offenbach). Brunswick Concert Orchestra, "A Thousand Kisses" Waltz (Joyce). Minneapolis Symphony Orchestra, "Prelude to Khovantchina" (Rimsky-Korsakoff).
6.16: New Light Symphony Orchestra, "Persiflage" (Francis). Philadelphia Symphony Orchestra, "March of the Caucasian Chief" (Iwanoff). Dajos Bela Orchestra, "O Sole Mio" Dance Characteristique (arr. Lindemann).
6.27: J. H. Squire Celeste Octet, "An Old Church Legend—Intermezzo" (Trinon). Regimental Band of H.M. Grenadier Guards, "La Benediction des Poignards" (Meyerbeer). Royal Opera Orchestra, Covent Garden, "The Sleeping Beauty" Waltz (Tchaikovsky). New Mayfair Orchestra, "Sons o' Guns" Selection.
6.45: De Groot (violin), David Bor (piano), H. M. Calve ('cello), "Selection in Hebrew Melodies" (arr. Saunders). De Groot and His Orchestra, "Samson and Delilah" Selection (Saint-Saens). Barnabas von Gezy and His Orchestra, "Pardon, My Lady"—Tango (Jager). Pavilion Lescant Orchestra, "Pan and the Wood Goblins" (Rothke).
7.0: News and reports.
7.40: "Gardening," 2YA Gardening Expert.

Concert Programme.

Melodies of Many Lands.

- 8.2: Band, Regimental Band of H.M. Grenadier Guards, "Songs of Wales."
8.8: Vocal Gems, Light Opera Company, "Songs of England."
8.12: Jack Hylton's Orchestra, "Shamrock Land."
8.20: Tenor, Georges Thill, "Le Reve Passe" (Helmert).
8.23: Royal Belgian Guides, "La Brabanconne" (Gevaert).
8.26: Vocal, Gerald Adams and Variety Singers, "By the Side of the Zuyder Zee" (Scott).
8.29: Organ, G. Thalben Hall, "Finlandia" (Sibelius).
8.37: Recital, Henry Ainley, "To Be, Or Not To Be" (Shakespeare) ("Hamlet").
8.40: Talk, Captain C. Wright, "A Fight and a Feast."
8.55: Grand Irmier Choir, "Netherland Hymn" (Gremser).
9.0: Weather report and station announcements.
9.3: State Opera Orchestra, Berlin, "German Dances" (Schubert).
9.11: Tenor, Richard Tauber, "Tales From Vienna Woods" (Strauss).
9.14: Tzigane Orchestra, "A Night at the Hungaria" (arr. Colombo).

- 9.20: Male Quartet, The Four Voices, "In Old Madrid" (Trottere).
9.23: Band, Royal Italian Guards, "Inno Di Garibaldi" (Olivieri).
9.26: Baritone, Apollo Granforte, "Inno Al Duce" (Ilme).
9.29: Violin, Szigeti, "Roumanian Folk Dances" (Bela Bartok).
9.32: Symphony Orchestra, "Turkish March" (Mozart).
9.36: Organ, Jesse Crawford, "On the Road to Mandalay" (Speaks).
9.39: Baritone, Harold Williams, "In a Persian Market" (Ketelbey).
9.43: Novelty, Super-Cinema Orchestra, "In the Sudan" (Sebeck).
9.48: Tenor, Walter Widdop, "Lend Me Your Aid" (Gounod).
9.56: Grand Symphony Orchestra, "Round the World by Air" (Mannecke).

3YA Christchurch

Wednesday 4. 980 kc.

- 10.0: Devotional service.
10.15: Selected recordings.
11.0: Relayed description of Cricket match—Canterbury v. Wellington from Lancaster Park, interspersed with selected recordings.
12.0: Lunch music.
2.0: Selected recordings.
3.30: Sports results.
4.30: Special weather forecast and sports results.
5.0: Children's hour, conducted by "Aunt Pat."

Dinner Music.

- 6.0: Frank Westfield's Orchestra, "Lilac Time" Selection (Schubert). Marek Weber and His Orchestra, "My Darling" Waltz (Waldteufel). Grand Symphony Orchestra, "Tales of Hoffman" Barcarolle (Offenbach). J. H. Squire's Celeste Octet, "Funeral March of a Marionette" (Gounod, arr. Sear).
6.18: New Concert Orchestra, "Vienna Maidens" Waltz (Zehrer). Berlin State Opera House Orchestra, "Praeludium" (Jarnefeldt). Regimental Band of H.M. Grenadier Guards, "The Smithy in the Woods" (Michaelis). New Queen's Hall Light Orchestra, "Petite Suite de Concert"—(1) La Caprice de Nanette; (2) Demande et Response; (3) Un Sonnet d'Amour; (4) La Tarantelle Fretillante (Coleridge Taylor).
6.41: New Light Symphony Orchestra, "The Waltzing Doll" (Poldini). Debroy Somers Band, "The Desert Song" Selection (Romberg). De Groot and Piccadilly Orchestra, "Lolita" (Ferrete and Biessier). Marek Weber Orchestra, "Dreams of the Ocean" (Gungl).
7.0: News and reports.
7.30: Addington stock market reports.

Concert Programme.

- 8.0: Overture, Christchurch Salon Orchestra, Conductor Francis E. Bate, "An Irish Comedy" (Ansell).
8.14: Recording, Choral, Ensemble of La Scala Milan, "Drinking Song" (Brindisi).
8.18: 'Cello, Noel Cape-Williamson, "Sarabande" (Purcell); "Arlequin" (Popper).
8.22: Recording, Tenor, Tito Schipa, "Jota" (De Falla).
8.25: Recording, Piano, Benno Moiseiwitch, "Ballad No. 3 Op. 47 in A Flat" (Chopin).
8.33: Contralto, Nellie Lowe, "Two Roses" (Gilberte); "The Poet's Life" (Bogar).
8.40: Salon Orchestra, Romances, "In the Silence of the Night" (Rachmaninoff); "Hymn to the Sun" (Rimsky-Korsakov).
8.49: Bass, Malcolm J. Miller, "I Would I Were a King" (Sullivan); "Drink To Me Only" (arr. Willan); "If the Heart of a Man" (Gay).
8.55: Recording, Organ, Leslie James, "Sylvia Pizzicato" (Delibes).
8.58: Recording, Ensemble and String Quartet, "Passing By" (Purcell).
9.1: Weather forecast and notices.
9.3: Reserved.
9.19: Salon Orchestra, Part Suite "Monsieur Beaucaire" — "Intermezzo"; "Leit Motif"; "Gavotte" (Rosse).
9.26: Recording, Mezzo-Soprano, Karin Branzell, "When All Was Young" (Gounod).
9.29: 'Cello, Noel Cape-Williamson, "Berceuse de Jocelyn" (Godard); "Dance of the Gnomes" (Popper).
9.37: Contralto, Nellie Lowe, "The Castilian Maid" (Lehmann); "The Harvester's Night Song" (Bartyn Power).
9.42: Recording, Violin, 'cello and piano, De Groot, Calve and Bor, "I Zingari" (Leoncavallo).
9.45: Bass, Malcolm J. Miller, Recitation and Aria, "O Pure and Tender Star of Eve" (with orchestra), (Wagner).
9.49: Recording, Piano, Percy Grainger, "Country Gardens" (Grainger).
9.52: Recording, Mezzo-soprano, Karin Branzell, "The Flower Song" (Gounod).
9.55: Salon Orchestra, Part Suite, "Monsieur Beaucaire"—"Chant des Voyageurs"; "Love Scene"; "March Theme" (Rosse).
10.1-11.0: Dance music.

4YA Dunedin

Wednesday 4. 650 kc.

- 10.0: Selected recordings.
10.15: Devotional service.
11.0: Relay from Carisbrook Ground, description of Interprovincial cricket: Auckland v. Otago (fourth day's play).
2.0: Selected recordings.
3.30: Sports results.
4.0: Special weather report for farmers.
4.30: Sports results.
5.0: Children, by Big Brother Bill.

Dinner Music.

- 6.0: Philadelphia Symphony Orchestra, "Carmen—March of the Snugglers" (Bizet). Plaza Theatre Orchestra, "The Three Bears" (Coates). Grand Symphony Orchestra, "The Land of Smiles" Selection (Lehar).
6.19: International Concert Orchestra, "Luxembourg—Waltz" (Lehar). London Palladium Orchestra, "Lightning Switch" (Alford). New Light Symphony Orchestra, "Spanish Dance No. 1" (Moszkowski). Royal Opera Orchestra, "The Sleeping Beauty—Panorama" (Tchaikovsky).

6.36: Dajos Bela Orchestra, "The Swallows" Waltz (Strauss). New Queen's Hall Orchestra, "Carmen Entr'acte, Act 3" (Bizet).

6.51: Marek Weber and His Orchestra, "Faust" Selection (Gounod, arr. Weber). Dajos Bela Orchestra, "Viennese Waltz Potpourri."

7.0: News and reports.

Concert Programme.

8.0: Recording, Lilly Gyenes and Her 20 "Hungarian Gipsy Girls," "Hungarian Rhapsody No. 2" (Liszt).

8.9: Illustrated talk by Dr. V. E. Galway, Dunedin City Organist, "Studies of Great Composers: Mozart." Assisted by Lettie de Clifford (soprano), and Maitland McCutcheon, L.R.A.M. (violinist).

9.0: Weather report and notices.

9.2: Reserved.

9.17: Contralto, Maude Kenward, "How Changed the Vision" (Handel); "The Bird with the Broken Wing" (Golson).

9.24: Recording. Orchestra of Association des Concerts, Paris, "Rapsodie Viennois" (Schmitt).

9.32: Soprano, Lettie de Clifford, "Dream O'Day Jill" (German); "Impatience" (Schubert).

9.38: Violin, Maitland McCutcheon, "Canzonetta" (D'Ambroise); "Humoresque" (Dvorak).

9.46: Contralto, Maude Kenward, "Sapphros Farewell" (Gounod); "Homeward to You" (Coates).

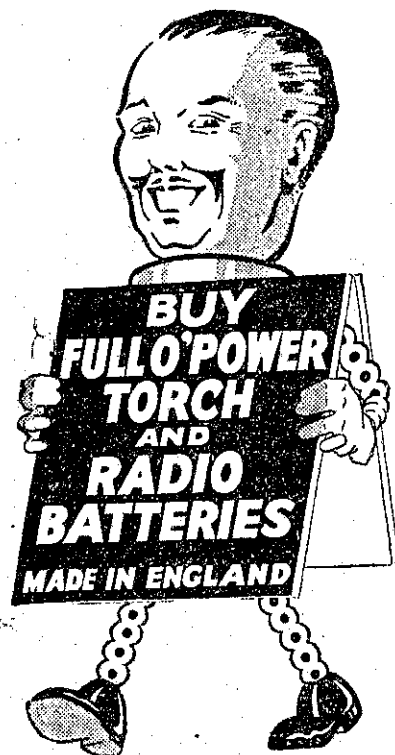
9.53: Piano, Mrs. C. Drake, "Three Country Dances" (Beethoven).

9.59: Recording, Band of H.M. Coldstream Guards, "Martha" Selection (Flotow).

Sports summary.

2YB New Plymouth
Wednesday 4. 1230 kc.

6.30 to 7.30: Children's session, conducted by Uncle Ted and Aunt Betty.
8.0 to 10.0: Studio concert.



Thursday

January 5.

Evening Talks: "Literary Personalities—Distinguished Writers I Have Met," Miss Nelle M. Scanlan, 2YA, 8.40.

Review of Journal of Agriculture, 3YA, 7.30.

"Life in Central Asia," Professor A. Wall, 3YA, 9.2.

Features: 1YA. 1YA Chamber Orchestra; recital by Hilda Morse.

2YA. Wellington Symphonic Orchestra; and Madame Aileen Johns (soprano).

3YA. Selected recordings.

4YA. A programme of nautical selections.

1YA Auckland
Thursday 5. 820 kc.

10.0: Devotional service.

10.15: Selected recordings.

11.0: Talk, "Gas."

11.15: Selected recordings.

12.0: Lunch music.

2.0: Selected recordings.

3.25: Selected recordings.

4.30: Weather report for farmers.

5.0: Children, by "Skipper."

Dinner Music.

6.0: Regal Salon Orchestra, "Memories of Beethoven" (Beethoven). Marek Weber and His Orchestra, "Luna Waltz" (Lincke). Royal Opera Orchestra, "Carmen Entr'acte and Ballet No. 1" (Bizet). Dajos Bela Orchestra, "Eldgaffeln" (Landon).

6.20: J. H. Squire Celeste Octet, "Putting the Clock Back" (arr. Squire). Organ, Jesse Crawford, "I'll Close My Eyes to the Rest of the World" (Friend). Grand Symphony Orchestra, "Raymond" Overture (Thomas).

6.40: J. H. Squire Celeste Octet, "Air on G String" (Bach). Rio Novelty Orchestra, "Spaventa—Tango" (Pares). Grand Symphony Orchestra, "Tales of Hoffmann" Entr'acte and Minuet (Offenbach). J. H. Squire Celeste Octet, "Memories of Devon" Valse (Evans).

6.51: Grand Symphony Orchestra, "Japanese Lantern Dance" (Yoshitomo). Marek Weber Orchestra, "Blumenlied" Op. 39 (Lange).

7.0: News and reports.

Concert Programme.

(Relay to 1ZH, Hamilton.)

8.0: Record, Band of H. M. Grenadier Guards, "Acclamation's Waltz" (Waldteufel).

8.5: Baritone, Harry Barton, "Beyond the Dawn"; "Friend o' Mine" (Sander-son).

8.13: Record (Cornet), Jack McIntosh, "Cleopatra" (Damare). Record (Comedy), Harry O'Donovan, "I'll Slip Out On the Back" (Madden).

8.19: Overture, 1YA Chamber Orchestra, "The Mill in the Forest" (Eilenberg).

8.24: Boy Soprano, Jack Gunman, "Little White House on the Hill" (McGeoch); "May-Dew" (Sterndale-Bennett).

8.31: Record (Hawaiian), King's Hawaiians, "Kamehameha Waltz" (King).

8.34: Recital, Hilda Morse, "The Vow" (Sir Gilbert Parker).

8.41: Waltz, The Orchestra, "Amorita" (Czibulka).

8.48: Contralto, E. H. Miller, "The Lotus Flower" (Schumann); "In Summer Fields" (Brahms).

8.55: Record, Band of H.M. Irish Guards, "Quand Madelon" (Bousquet); "El Abanico" (Javaloyes).

9.1: Weather forecast and notices.

9.3: Reserved.

9.18: Baritone, Harry Barton, "A Farewell" (Liddle).

9.22: March, The Orchestra, "Freedom's Flag" (Nowoski). Fantasia, The Orchestra, "Toyland" (Kahn).

9.28: Recital, Hilda Morse, "The Sisters" (Whittier).

9.33: Record (Bells), Billy Whitlock, "The Joker" (Whitlock).

9.36: Contralto, E. H. Miller, "The Soldier's Bride" (Schumann).

9.40: Selection, The Orchestra, "Molloy's Songs" (arr. Baynes).

9.46: Record (Sketch), Leslie Henson and Company, "A Warm Corner" (Wimperis and Wylie).

9.52: Record (Male Quartet), The Rounders, "Singin' in the Rain" (Freed).

9.55: Selection, The Orchestra, "Geisha" (Jones).

10.1-10.10: Sports summary.

2YA Wellington
Thursday 5. 720 kc.

10.0: Selected recordings.

10.30: Devotional service.

10.45: Lecturette, "Cooking by Electricity."

12.0: Lunch music.

2.0: Selected recordings.

3.30: Special weather report and sports results.

4.0: Special weather report.

4.30: Sports results.

5.0: Children's Hour, conducted by Big Brother Jack.

Dinner Music.

6.0: Marek Weber and His Orchestra, "Mikado" Selection (Sullivan). Dajos Bela Orchestra, "Kaiser Waltz" (Strauss). Royal Opera Orchestra, "Carmen" Ballet No. 2 (Bizet). H.M. Air Force Band, "The Parade of the Tin Soldiers" (Jessel).

6.16: Grand Symphony Orchestra, "Fra Diavolo" Overture (Auber). Salon Orchestra, "The Glow-worm" Idyll (Lincke). Dinien and His Orchestra, "Destiny Waltz" (Baynes). Ferdy Kauffmann and His Orchestra, "The Gipsy Baron" Selection (Strauss).

6.37: Minneapolis Symphony Orchestra, "Waiaata Poi" (Hill). Grand Symphony Orchestra, "Chinese Street Serenade" (Flotow).

(Siede). Organ, Jesse Crawford, "How am I to Know?" (King).

6.46: Symphony Orchestra, "Waltz of the Hours"; "Variations" from "Coppelia" (Delibes). Plaza Theatre Orchestra, "Chanson" in Love; "Love Everlasting" (Frml).

7.0: News and reports.

Concert Programme. (Relayed to 22D, Masterton.)

8.0: Fantasia, Wellington Symphonic Dance Orchestra, "A Toast to 1933" (arr. Maybury). Medley, "Savoy American Medley" (Debroy Somers).

8.10: Recording (Vocal Quartet), Lions Quartet of Seattle, "Vere is Mein Leetle Dog Gone?" "O Dem Golden Slippers" (Traditional).

8.16: Soprano, Madame Aileen Johns, Aria, "Vissi d'Arte" (Puccini); "Old Mother Hubbard" (Hutchinson); "The Cuckoo" (Schumann).

8.24: Classic Rhythmic Paraphrase. The Dance Orchestra, "Il Trovatore" (arr. Lange). Waltz, "Paradise" (Brown). Foxtrot, "Nobody's Sweetheart" (Kahn).

8.34: Elocution, Dennis Johns, "He Fell Among Thieves" (Newbolt); "My Family" (Anon.); "The Old Grey Squirrel" (Noyes).

8.40: Talk, Miss Nelle M. Scanlan, "Literary Personalities I Have Met."

9.0: Weather report and notices.

9.2: Descriptive, The Dance Orchestra, "Musical Toboggan" (arr. Maybury).

9.17: Soprano, Madame Aileen Johns, "Standchen" (Strauss); "Devotion" (Strauss); "Two Frogs" (Howell).

9.24: Recording (Piano and Grand Organ), Mathilde and Irene Harding, "By the Waters of Minnetonka" (Lieurance); "Oh! Susanna and Old Black Joe" (Foster).

9.30: Selection, The Dance Orchestra, "In a Persian Market" (Ketelbey). Piano Duet, B. Burton and A. Shand, "Nola" (Arndt). Trio, C. Lees, M. Naylor and T. Hughes, "Sweet Sue" (Young).

9.45: Elocution, Dennis Johns, "Song of the Market Place" (Buckham); "Will She be Waiting Up?" (Hayes); "Be Fit" (Kipling).

9.53: Novelty, The Symphonic Dance Orchestra, "Ali Baba's Camel" (Gay). Foxtrot, "Somebody Loves You" (de Rose). Waltz, "Till We Meet Again" (arr. Burton).

10.3-10.13: Sporting summary.

3YA Christchurch
Thursday 5. 985 kc.

10.0: Devotional service.

10.15: Selected recordings.

11.0: Talk, A. J. McEldowney, "Boys and Their Problems in Other Lands."

12.0: Lunch music.

2.0: Selected recordings.

3.30: Sports results.

4.30: Special weather forecast and station notices.

5.0: Children's Hour, conducted by Ladybird and Uncle Dick.

Dinner Music.

6.0: Berlin State Opera Orchestra, "Caliph of Bagdad" (Boieldieu). Edith Lorand Orchestra, "The Wedding of the Winds" (Hall). New Queen's Hall Orchestra, "Carmen" Entr'actes Acts 2 and 4 (Bizet). Terence Casey (organ) and de Groot (violin), "Parted" (Tosti).

6.17: Marek Weber Orchestra, "Potpourri of Waltzes" (arr. Robrecht). London Novelty Orchestra, "Happy Dances" Barn Dance (Godfrey). Band of H.M. Coldstream Guards, "Martha" Selection (Flotow).

6.36: Edith Lorand Orchestra, "The Merry Widow" Selection (Lehar). London Novelty Orchestra, "The Brooklyn Cake Walk." New Queen's Hall Orchestra, "Carmen" Overture (Bizet).

6.50: Terence Casey (organ) and de Groot (violin), "Cavatina" (Raff). Edith Lorand Orchestra, "Ever or Never" Waltz (Waldteufel).

7.0: News and reports.

7.30: Review of Journal of Agriculture.

Concert Programme.

(Selected Recordings.)

8.0: Marek Weber Orchestra, "Reminiscences of Grieg" (arr. Urbach).

8.10: Descriptive Ballad, Raymond Newell and Company, "The Deathless Army" (Trotiere).

8.18: Accordion Duet, Destifano Brothers, "Raymond" Overture (Thomas).

8.21: Comedian, Clarkson Rose, "Park Yourself Close to Me" (Butler).

8.24: Violin and Orchestra, "Yehudi Menuhin and London Symphony Orchestra, "Concerto No. 1 in G Minor—Adagio" (Bruch).

8.32: Soprano, Dusolina Giannini, "My Lovely Celia" (arr. Lane Wilson).

8.35: Grand Organ, Archer Gibson, "The Old Refrain" (Transcribed from Kreisler).

8.39: Bass, Norman Allin, "Asleep in the Deep" (Petricio).

8.43: Billy Reid and the London Piano-accordion Band and Chorus, "Moonlight, the Danube and You" (Mannheimer).

8.46: Contralto, Clara Serena, "I'm a'Longing for You" (Hathaway).

8.49: New Mayfair Orchestra, "Sir Roger de Coverley" (Daykin); "Post Horn Galop" (Koenig).

8.57: Baritone, Fraser Gange, "On the Road to Mandalay" (Speaks).

9.1: Weather forecast and notices.

9.3: Talk, Professor A. Wall, "Life in Central Asia."

9.18: Jack Hylton and His Orchestra, "Old-time Sea Songs."

9.26: Soprano, Jeanette Macdonald and Male Quartet, "Beyond the Blue Horizon" (Harling).

9.29: Organ, Terence Casey, "Other Days" Selection (arr. Hermann).

9.35: Baritone, Dennis Noble, "When Dull Care" (Lane Wilson).

9.38: Fodens Motor Works Band, "Shylock—Polka Brillante" (Lear).

9.41: Comedienne, Wish Wynne, "A Servant Girl" (Wynne).

9.44: Piano, William Kempff, "Sonata in C Major, 3rd Movt.—Allegretto Moderato" (Beethoven).

9.52: The Four Voices and Orchestra, "In Old Madrid" (Trotiere).

9.55: Orchestre de l'Association des Concerts Lameroux, Paris, "Romance" (Glazounow); "Tarantelle" (Cui).

4YA Dunedin

Thursday 5.

650 kc.

10.0: Selected recordings.

10.15: Devotional service.

10.45: Lecture.

12.0: Lunch music.

2.0: Selected recordings.

3.15: Lecture.

3.30: Sports results. Special weather forecast for farmers.

4.30: Sports results.

5.0: Children's hour, conducted by Big Brother Bill.

Dinner Music.

6.0: Herman Finck and his Orchestra, "Old and New—Potpourri of Popular Melodies" (arr. Finck). Symphony Orchestra, "Doctrien" (Strauss).

6.17: Cordoba Philharmonic Orchestra, "La Habanera" (Lucena). J. H. Squire Celeste Octet, "Hungarian Dance in D" (Brahms). Dajos Bela Orchestra, "Be Embraced Ye Millions" Waltz (Strauss).

6.28: Marek Weber and his Orchestra, "The Beggar Student" Selection (Millocker). Orchestre de l'Association des Concerts, Lamoureux, Paris, "Impressions d'Italie" (Charpentier).

6.50: Marek Weber and his Orchestra, "Tales of Autumn" (Waldteufel). New Light Symphony Orchestra, "Spanish Serenade" (Bizet). Plaza Theatre Orchestra, "Bal Masque—Valse Caprice" (Fletcher).

7.0: News and reports.

Concert Programme.

8.0: Nautical Selections, "On the Wings of the Wind" (with introductory remarks by E. Wood). Recording, Band of H.M. Grenadier Guards, "Nautical Moments." Shanties, Regal Four, (a) "Rio Grande"; (b) "Johnny Come Down to Hilo" (arr. Terry). Solo and chorus, "Goodbye My Lover." Violin, Eva Judd, Barcarolle (Offenbach). Chorus, Regal Four "Rule Britannia" (Arne); "Sally Brown" (arr. Terry); "Shenandoah" (arr. Terry). Solos and Choruses, Regal Four "Tarpaulin Jacket" (Trdtl.); "The Restless Sea" (Hamblen). Violin, Eva Judd, "Blue Lagoon" (Trdtl.). Shanties, Regal Four, "A Roving"; "High Barce" (arr. Terry). Recording, Marceau, "Naples Waltz"; "Marionettes" (Marceau).

9.0: Weather report and notices.

9.2: Reserved.

9.15: Chorus, Regal Four, "What Shall We Do With a Drunken Sailor"; "We're all Bound to Go" (arr. Terry); "Over the Sea to Skye" (Lees). Solo and chorus, Regal Four, "Rolling Home" (Trdtl.).

9.30: Dance session.

10.0: Sports summary.

11.0: Close down.

Friday

January 6.

Evening Talks: Sports talk, IYA, 7.30.

"The Dog Dougal," Mr. S. F. Temple, IYA, 9.2.

"The Manufacture of Stationery," Mr. W. A. Bascand, 3YA, 7.30.

Features: IYA. The Methodist Maori Choir.

2YA. The Concert Orchestra, and selected recordings.

3YA. Studio Orchestra; Elaine Moody's Hawaiian Trio.

4YA. Premier Mouth-Organ Band, and Hansel and Gretel.

1YA Auckland

Friday 6.

820 kc.

10.0: Devotional service.

10.15: Selected recordings.

11.0: Talk.

11.15: Selected recordings.

12.0: Lunch music.

2.0: Selected recordings and Literary Selection.

4.30: Weather report for farmers.

4.32: Selected recordings.

5.0: Children's hour, conducted by Nod and Aunt Jean.

Dinner Music.

6.0: New Queen's Hall Light Orchestra, "Britannia—Overture" (Mackenzie). New Concert Orchestra, "Hydropaten" Waltz (Gungl). Marek Weber Orchestra, "Menuett No. 1" (Paderski).

6.15: H.M. Grenadier Guards Band, "Hyde Park Suite" Part. 1—(a) Sunday Morning Church Parade; (b) Rotten Row. Part 2: (a) On the Surpentine; (b) Around the Bandstand (Jalowicz). Zonophong Salon Orchestra, "Love-In-A-Mist" (Forster).

6.26: Regimental Band of H.M. Grenadier Guards, "Lo! Here The Gentle Lark" (Bishop, arr. Godfrey). The Savoy Orpheans, "Lido Lady" Selection (Rodgers). Minneapolis Symphony Orchestra, "Dernier Sommeil de la Vierge" (The Virgin's Last Sleep) (Massenet).

6.42: Rio Novelty Orchestra, "Mientras Lloro el Tango" (Barabine). Edith Lorand Orchestra, "Johann Strauss Fantasia" (Strauss). Grand Symphony Orchestra, "Japanese Cherry Blossom Festival" (Yoshitomo).

7.0: News and reports.

7.30: Sports talk.

Concert Programme.

Relay to 12H, Hamilton.

8.0: Record Symphony Orchestra, "Gypsy Baron" (Strauss). Items by the Methodist Maori Choir, interspersed with special records.

9.0: Weather forecast and notices.

9.2: Talk (Dog Story), S. F. Temple, "Dougal."

9.17: Record, Strauss Vienna Orchestra, "Im Galopp" (Strauss).

9.20: Items by the Methodist Maori Choir interspersed with special records.

9.54: Flja Livshakoff Dance Orchestra, "Listen and Wonder" (Dostal).

10.0-10.10: Sports summary.

2YA Wellington

Friday 6.

720 kc.

9.0: Relay from the Town Hall of first hour of Wellington Wool Sale. Progress reports will be broadcast during the day.

10.0: Selected recordings.

10.30: Devotional service.

12.0: Lunch music.

2.0: Selected recordings.

3.30: Special weather report and sports results.

4.0: Special weather report.

4.30: Sports results.

5.0: Children's hour, conducted by Aunt Molly.

Dinner Music.

6.0: National Symphony Orchestra, "Stradella—Overture" (Flowtow). Grand Symphony Orchestra, "Polonaise No. 1 in A" (Chopin). Gil Dech Ensemble, "Valse Parisienne" (Roberts, arr. Barry).

6.13: Philadelphia Symphony Orchestra, "Casse Noisette" (Nutteracker Suite) ("Waltz of the Flowers") (Tschalkowsky). Frank Westfield's Orchestra, "Neapolitan Nights" (Kerr-Zamecnik). Marek Weber Orchestra, "Cavaleria Rusticana" Selection (Mascagni).

6.30: Debroy Somers Band, "Hungarian Medley" One-step (arr. Debroy Somers). Organ, Leslie James, "Medley of Old Songs". National Military Band, "Ballet Egyptian" (Luigini).

6.46: String Orchestra, "From the Sunflower Album" (Brown). Organ, Terence Casey, "I'm Lonely" (Coates). Regimental Band of H.M. Grenadier Guards, "La Paloma" (Yradier). De Groot and His Orchestra, "When the Great Red Dawn is Shining" (Sharpe).

7.0: News and reports.

Concert Programme.

8.0: Selection, 2YA Concert Orchestra, "Trovatore" (Verdi).

8.10: Selected recordings.

8.30: Instrumental, The Orchestra, "Humoreske" (Dvorak). Valse, "Gold and Silver" (Lehar).

8.40: Reserved.

9.0: Weather report and notices.

9.2: Selected recordings.

9.17: Suite The Orchestra, "La Boutique Fantasque"—(1) "Danse Cosaque"; (2) "Nocturne"; (3) "Mazurka"; (4) "Tarentelle"; (5) "Can-Can"; (6) "Galop" (Rossini-Respighi).

9.30: Dance music.

10.0: Sporting summary.

10.10-11.10: Continuation of dance programme.

3YA Christchurch

Friday 6.

980 kc.

10.0: Devotional service.

10.15: Selected recordings.

11.0: Talk, Esther Glynn, "Work of Children for Children."

11.15: Selected recordings.

12.0: Lunch music.

2.0: Selected recordings.

3.30: Sports results.

4.30: Special weather forecast and sports results.

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5.0: Children, by "Aunt Pat."

Dinner Music.

6.0: Sydney Baynes Orchestra, "Old England" Selection (arr. Baynes). Marek Weber Orchestra, "Along the Banks of the Volga" (Borchert). B.B.C. Wireless Symphony Orchestra, "Iolanthe" Selection (Sullivan).

6.18: London Palladium Orchestra, "The Rose" Selection of English Melodies (arr. Myddleton). International Novelty Quartet, "Dwarf's Patrol" (Rothke). Classic Symphony Orchestra, "Carmen" Selection (Bizet).

6.38: Salon Orchestra, "Reminiscences of Vienna" (Strauss). Sydney Baynes Orchestra, "Kentucky Home" Selection (arr. Baynes). The Salon Orchestra, "Where the Rainbow Ends" Selection (Quilter).

7.0: News and reports.

7.30: Talk, W. A. Bascand (under auspices of Canterbury Manufacturers' Association), "The Manufacturing of Stationery."

Concert Programme.

8.0: March, Studio Orchestra (Deputy-conductor, H. G. Glaysher), "Gladiator" (Sausa). Overture, "If I Were King" (Adam).

8.10: Soprano, Phyllis Coombs, "Where Go the Boats" (Quilter); "Little Fire! Room" (Curfew-Howie).

8.13: Hawaiian Instrumental, Elaine Moody's Novelty Hawaiian Trio, "Paradise" (Brown); "Deed I Do" (Rose). Ukulele Solo, "Somebody Loves You" (Tobias-De Rose).

8.19: Tenor, Ernest Rogers, "Dreaming" (R. T. Daly); "Like Stars Above" (Squire).

8.23: Studio Orchestra, "American Indian Songs" (Cadman): (a) "From the Land of the Sky Blue Water"; (b) "The White Dawn is Stealing"; (c) "The Moon Drops Low."

8.30: Selected recordings.

9.0: Weather forecast and notices.

9.2: Reserved.

9.19: Soprano, Phyllis Coombs, "My Mother" (Smith); "A Blackbird's Song" (Cyril Scott).

9.26: Studio Orchestra, "Three Dale Dances" (Wood).

9.34: Recording, Choral, Famous Forty Elks' Chorus, "Soldiers' Chorus" (Gounod).

9.38: Elaine Moody's Novelty Hawaiian Trio, Vibraphone, "Web of Love" (Cowan); "Peter Gink" (Cobb).

9.44: Tenor, Ernest Rogers, "I Hear a Thrush at Eve" (Cadman); "In Her Simplicity" (Thomas).

9.51: Recording, Comedienne in Humour, "Our District Visitor" (Wynne).

9.54: Valse, Studio Orchestra, "Wine Women and Song" (Strauss).

4YA Dunedin

Friday 6. 650 kc.

10.0: Selected recordings.

10.15: Devotional service.

12.0: Lunch music.

2.0: Selected recordings.

3.30: Sports results.

4.0: Special weather forecast to farmers.

4.30: Sports results.

5.0: Children, by Aunt Sheila.

Dinner Music.

6.0: Berlin State Opera House Orchestra, "A Midsummer Nights Dream"; "Wedding March" (Mendelssohn). Herman Finck and His Orchestra, "Walden-fel Memories" (arr. Finck). Grand Symphony Orchestra, "Zampa Overture" (Harold).

6.20: Mandoline Concert Society, "Echoes of the Volga" (Ritter). New Mayfair Orchestra, "Wake Up and Dream" Selection (Porter). The A. and P. Gypsies, "White Acacia"; "Petite Causerie" (Stone). G. T. Pattman, "Worryin' Waltz" (Fairman).

6.37: Dajos Bela Orchestra, "Traum-deale" Dream Ideal (Fuef). Dajos Bela Orchestra, "Souvenir" Valse Boston (Pazeiler). Sandor Jossi Orchestra, "The Hobgoblin's Story" (Brecht).

6.48: International Novelty Quartet, "The Veleta" (Morris). Chicago Symphony Orchestra, "Traume" (Dreams) (Wagner). The London Palladium Orchestra, "Vivienne" (Finck).

7.0: News and reports.

Concert Programme.

8.0: Recording, New Mayfair Orchestra, "Chu Chin Chow" (Norton).

8.9: Bass, E. Bond, "Glorious Devon" (German); "Stone - Cracker John" (Conates).

8.15: Xylophone, E. J. Andrews, "Dance of the Frowsey Heads" (Story); "Robin Adair" (Scott).

8.21: Recording (Humour), Will Kings, "Soused Errings" (Burnaby).

8.24: Soprano, Tai Salt, "Here's to Love" (Rubens); "Gipsy Moon" (Bor-ganoff).

8.30: Guitars, G. Tyrie and T. Cuttriss, "Kentucky Barbaque" (Gelbel); "One, Two, Three, Four" (Kalama).

8.36: Recording, Light Opera Male Chorus, "Songs of Good Cheer" (arr. Byng).

8.44: Selection, Premier Mouth-organ Band, "Waltz Medley" (Johnson-Clint).

8.49: Hansel and Gretel will Entertain.

8.57: Recording, Canter's Orchestra, "Till We Meet Again" (Whiting).

9.0: Weather report and notices.

9.2: Reserved.

9.17: Soprano, Tai Salt, "Sing Merrily To-day" (Phillips); "A Little Pink Rose" (Bond).

9.23: Guitars, G. Tyrie and T. Cuttriss, "Three O'Clock in the Morning" (Robledo); "Drifting and Dreaming" (Ais-tyne).

9.29: Recording, The Jolly Old Salts, "In Davy Jones' Locker" (Lee).

9.34: Glockenspiel and Marimbaphone, "Marquissette" (Lindsay); "Alice Where Art Thou?" (Ascher).

9.40: Bass, E. Bond, "The Toast" (Squire); "The Pretty Creature" (Wilson).

9.45: Selection, Premier Mouth-organ Band, "Scots Melodies" (Tradl.).

9.51: Hansel and Gretel will Entertain.

9.58: Recording, Winter Garden Orchestra, "Storm Gallop" (Komzak), Sports summary.

Saturday

January 7.

Evening Talks: "Blackbirding in the South Sea Islands," by "Old Wire Whiskers," IYA, 9.2.

Features: IYA. Wally Harrison and his Melody Boys; Mrs. Rewa Hipwell (soprano), Mr. M. T. Schroder (baritone).
2YA. Christine Young (mezzo-contralto); Will McKeon (humour) and R. D. Campbell (baritone).
3YA. Old-time concert and dance programme.
4YA. Relay of programme from 3YA.

1YA Auckland

Saturday 7. 820 kc.

3.0: Selected recordings.

4.30: Weather report for farmers.

4.32: Selected recordings.

5.0: Children's session, conducted by Cinderella.

Dinner Music.

6.0: B.B.C. Wireless Symphony Orchestra, "The Bohemian Girl" Overture (Balfe). The London Palladium Orchestra, "Longing" (Haydn Wood). Boston Symphony Orchestra, "Frühlingsstimmen" Waltz (Strauss).

6.15: De Groot Orchestra, "Une Heure d'Amour" (Alexander). Royal Italian Band, "Inno di Garibaldi" (Olivier). National Symphony Orchestra, "Irish Rhapsody" (Herbert).

6.30: De Groot and His Orchestra, "In the Night" (Tate). Bournemouth Municipal Orchestra, "Marriage of Figaro—Pundango" (Mozart). Organ, Terence Casey, "The Irish Organist" Medley (arr. Casey).

6.44: International Novelty Orchestra, "Gold and Silver" Waltz (Lehar). Virtuoso String Quartet, "The Emperor Quartet" Theme and Variations (Haydn). Minneapolis Symphony Orchestra, "Coppelia Ballet" Prelude and Mazurka (Delibes).

7.0: News and reports.

Concert Programme.

8.0: Recording (Overture), St. Louis Symphony Orchestra, "Fingal's Cave" (Mendelssohn).

8.9: Baritone, Morris T. Schroder, "My Dear Soul"; "Shipmates of Mine" (Sanderson).

8.16: Piano-accordion, C. W. Bruce, "The Skaters" Waltz (Waldteufel).

8.21: Recording (Humour), Clapham and Dwyer, "Clapham and Dwyer's Fairy Tales" (Clapham and Dwyer).

Recording (Instrumental), The Jolly Campers, "The Old Man and the Old Woman" (Stalhandeke).

8.30: Soprano, Mrs. Rewa Hipwell, "Prelude" (Scott); "Carmena" (Wilson); "Nobil Signor" (Meyerbeer).

8.38: Recording (Organ), Gerd Thomas, "Greetings to Sanssouci" (Niel). Recording (Humour), Norman Long, "Hidden Heroes" (Long); "Ideal Homes" (Rose).

8.47: Instrumental Trio, Wally Harrison and Melody Boys, "The Little Old Church in the Valley"; "Come Back to the Hills" (Kahn).

8.54: Recording (Male Quartet), The Revellers, "Souvenirs" (Nicholls). Band, Australian Commonwealth Band, "The Switchback" (Sutton).

9.0: Weather forecast and notices.
9.2: Sea Story, "Old Wire Whiskers," "Lies from a Skipper's Log: Blackbirding in the South Sea Islands."

9.17: Piano-accordion, C. W. Bruce, "Double Eagle" March (Wagner).

9.21: Baritone, Morris T. Schroder, "Until" (Sanderson); "Mother Machree" (Ball).

9.28: Recording, New Light Symphony Orchestra, "A Hunt in the Black Forest" (Voelker).

Recording (Comedy), Sir Harry Lauder, "I Like My Old Home Town" (Lauder).

9.36: Instrumental Trio, Wally Harrison and Melody Boys, "Hula Blues Medley" (arr. Harrison); "For You" Foxtrot (Burk).

9.43: Male Quartet, The Four Aces, "Moonlight on the Colorado" (King).

9.46: Piano-accordion, C. W. Bruce, "Waltz Medley"; "Lily of Laguna" (arr. Bruce).

9.53: Recording (Humour), Ernest Hastings, "In My Young Days" (Hastings).

Dajos Bela Orchestra, "Dancing Demoiselle" (Fall).

10.0: Sports summary.

10.10-11.10: Dance music.

2YA Wellington

Saturday 7. 720 kc.

10.0: Selected recordings.

10.30: Devotional service.

12.0: Lunch music.

2.0: Selected recordings.

3.30: Special weather report and sports results.

4.0: Special weather report.

4.30: Sports results.

5.0: Children's Hour, conducted by Aunt Milly and Uncle Jasper.

Dinner Music.

6.0: Dajos Bela Orchestra, "Roses of the South" Waltz (Strauss). Bournemouth Municipal Orchestra, "The Bronze Horse" Overture (Auber). Bohemian Orchestra, "Love and Life in Vienna" (Komzak). Frank Westfield's Orchestra, "Fifinette" Intermezzo Gavotte (Fletcher).

6.17: B.B.C. Wireless Symphony Orchestra, "H.M.S. Pinafore" Selection (Sullivan). Dajos Bela Orchestra, "Strauss, the Waltz King, at Home" (Weber). Regimental Band of H.M. Grenadier Guards, "Twist and Twirl" (Kottau).

6.35: Albert Sandler Orchestra, "My Dream Memory" (Levant). Victor Oloff Sextet, "Cherry Ripe" (Scott). Dajos Bela Orchestra, "Narcissus" (Nevin). The Royal Music Makers, "Kiss Me Again" Waltz (Herbert).

6.47: Venetian Players String Quintet, "Romanza" (Mozart). Berlin State Opera House Orchestra, "Wine, Women and Song" Waltz (Strauss).

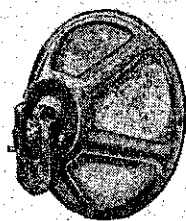
7.0: News and reports.

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Concert Programme.

(Relayed to 2ZD, Masterton.)

8.0: Overture, 2YA Concert Orchestra, "Lustspiel" (Kela Bela).

8.8: Baritone, R. D. Campbell, "My Old Shako" (Trotter); "Queen of the Earth" (Pinsuti).

8.14: Recording (Humour), Gracie Fields, "Little Pudden Basin" (Low); "Nowt About Owt" (Melvin).

8.20: Vell Dance, The Orchestra, "Mystic Beauty" (Finck).

8.25: Mezzo-contralto, Christina Young, "Here's to Love and Laughter" (Rubens); "Pale Moon" (Logan).

8.31: Humour, Will McKeon, "William and Horace on Architecture" (McKeon).

8.42: Selection, The Orchestra, "Mir-ella" (Gounod).

8.52: Recording (Novelty), The Happiness Boys, "Twisting the Dials" (Jones and Hare).

9.0: Weather report and notices.

9.2: Violin, Leon de Mauny, "Chanson Polonaise" (Wieniawski).

9.7: Baritone, R. D. Campbell, "Bid Me to Love" (Barnard).

9.11: Recording (Yodelling), Geo. van Deusen, "The Yodelling Romeo" (Stogden); "The Yodelling Swiss" (Stogden).

9.17: Valse, The Orchestra, "Venus on Earth" (Lincke).

9.22: Mezzo-contralto, Christina Young, "Carmena" (Wilson); "Love, the Jester" (Phillips).

9.28: Humour, Will McKeon, "The Estate Agent" (Gibson).

9.36: Instrumental, The Orchestra, "Three Spanish Dances" (Moszkowski).

9.46: Recording (Humour), Regal Sketch Company, "Mr. Sparrow Puts Up for Parliament" (Weston and Lee).

9.52: Recording (Choral), The Maestros, "English Medley" (arr. Evans).

9.56: March, The Orchestra, "Sons of the Brave" (Bidgood).

10.0: Sporting summary.

10.10-11.10: Dance programme.

8.10: Mezzo-contralto, Connie Flamank "Berwick Market Song" (Drummond); "The Bells of St. Mary's" (Adams).

8.14: Recording, Coldstream Guards Band, "La Cloches de Corneville" (The Bells of Cornwall) (Planquette).

8.22: Recording, Bass, Norman Allin, "The Midshipmite" (Adams).

8.26: The Chatterboxes Patter Sketch "Two Heroes" (arr. Ryan).

8.36: Recording, Accordion, Young Brothers, Overture "Tancredi" (Rossini).



Dennis Sheard.

the 1YA tenor, who will sing a solo, "My Paradise" (Clarke), and two duets with Valerie Peacocke on Wednesday, January 4.

8.39: Mezzo-contralto, Connie Flamank, "If I Might Come to You" (Squire); "The Hills of Donegal" (Sanderson).

8.45: The Chatterboxes, Humorous Sketch, "I've Got a Horse" (Waite).

8.55: Recording, The London Orchestra, "Songs of Long Ago" (arr. Dacre).

9.1: Weather forecast and notices.

9.3: "Old Time Dance Programme." Christchurch Salon Orchestra, Francis E. Bate, Conductor, "Old Timers" Waltz (Lake).

9.9: "Joyful Mood" Polka (en Joie) (Windett).

9.14: Recording: Bass, Malcolm McEachern, "I Am a Friar of Orders Grey" (Reeve).

9.17: Salon Orchestra, Square Dances, The Lancers "The Arcadians" (Monckton Talbot).

9.32: Recording: Soprano, Dusolina Giannini, "Love Has Eyes" (Bishop).

9.35: Waltz, Salon Orchestra, "The Blue Danube" (Strauss).

9.40: Recording: Tenor, Frank Munn, "The Dear Little Shamrock" (Cherry).

9.43: Salon Orchestra, Barn Dance, "La Tambo" (Dilleu).

9.48: Recording: Contralto, Clara Serena "Silver Threads Among the Gold" (Danks-Mellish).

9.51: Salon Orchestra, Square Dances, The Alberts, "Yeoman of the Guards" (Sullivan, arr. Bucalossi).

10.3: Humour, Geo. Titchener, "Binks of the Guards" (Parr).

10.8: Salon Orchestra, Veleta "La Carina" (Young).

10.13: Recording: Violin, Norbert Wehthmar, "The Swan" (Saint Saens).

10.16: Soprano, Gladys Moncrieff, "O Promise Me" (De Koven).

10.19: Salon Orchestra, Valse Militaire "The Grenadiers" (Waldteufel).

10.23: Recording: Vocal Quartet, Four Voices, "In the Gloaming" (Lady Hill).

10.26: Salon Orchestra, Schottische "Ping Pong" (Brockett).

10.31: Recording: Contralto, Rose Ellis, "Home Sweet Home" (Bishop).

10.35: Salon Orchestra, Square Dances, The Lancers "Hearts of Oak" (Allan).

10.50: Recording: Baritone, Kenneth Walters, "The Old Rustic Bridge by the Mill" (Skelly).

10.53: Salon Orchestra, Military Two-Step "Policeman's Holiday" (Ewing).

10.58: Humorous: Song, Geo. Titchener, "Jolly Old Bill the Sailor" (Ellis).

11.3: Salon Orchestra, "Destiny" Waltz (Baynes).

11.8: Recording: Bass, Malcolm McEachern, "Drinking" (Trdtl.).

11.12: Salon Orchestra, The Lancers, "Tom Jones" (German).

11.27: Recording: Tenor, Frank Munn with male trio, "I'll Take You Home Again Kathleen" (Westendorf).

11.30: Recording: Salon Orchestra, "The Skaters" Waltz (Waldteufel).

11.35: Recording: Sheffield Orpheus Male Choir, "Auld Lang Syne" (Old Scottish).

4YA Dunedin

Saturday 7. 650 kc.

3.0: Selected recordings.

3.30 and 4.30: Sports results.

5.0: Children's hour, conducted by Aunt Anita.

Dinner Music.

6.0: Columbia Symphony Orchestra, "Prophete"—Coronation March (Meyerbeer). Milan Symphony Orchestra, "The Sicilian Vespers" Overture (Verdi). Gardé Republicaine Band, "The Two Pigeons" (Messager): (1) The Entrance of Tziganes; (2) Scene and March of the Two Pigeons; (3) Hungarian Dance; (4) Theme and Variations.

6.25: J. H. Squire Celeste Octet, "Hungarian Dance in A Minor" (Brahms). Regal Cinema Orchestra, "Viennese Nights" Waltzes Selection (Romberg). London Symphony Orchestra, "Chanson de Nuit" (Elgar).

6.41: Plaza Theatre Orchestra, "Gipsy Suite" (German): (1) Valse (Lonely Life); (2) Allegro (The Dance); (3) "Menuetto (Love Duet); (4) Tarantella (The Revel). The Palladium Orchestra, "The Grasshoppers' Dance" (Bucalossi).

7.0: News and reports.

8.0: Relay of Concert Programme from 3YA.

10.0: Sports summary.

10.10-11.10: Dance music.

2YB New Plymouth

Saturday 7. 1230 kc.

7.30 to 8.0: News and information, sports results and lecturette session.

8.0 to 10.0: Studio concert.

10.0: Sports summary.

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Concert Programme.

Old-Time Concert and Dance Programme.

8.0: Recording: Percy Pitt and Augmented Symphony Orchestra, "Poet and Peasant" (Suppe).

1YA Auckland

Sunday 8. 820 kc.

2.0-4.30: Selected recordings and literary selections.

6.0: Children's Song Service, conducted by Uncle Bert.

7.0: Relay of Church Service from St. David's Church. Preacher, Rev. W. Bower Black.

Concert Programme.

8.15: Relay of 2YA.

8.27 (approx.): Selection, 1YA Chamber Orchestra, "Pagliacci" (Leoncavallo). Mezzo-soprano, Hinemoa Rosieur, "Song of the Open" (La Forge); "If There Were Dreams to Sell" (Ireland).

Record (viola), Lionel Tertis, "Du Bist die Ruh" (Schubert); "Minnelied" (Brahms).

Tenor, George Barnes, "Dearest, I Bring Thee Daffodils" (Foster); "Fairy Tales of Ireland" (Coates).

Weather forecast and notices.

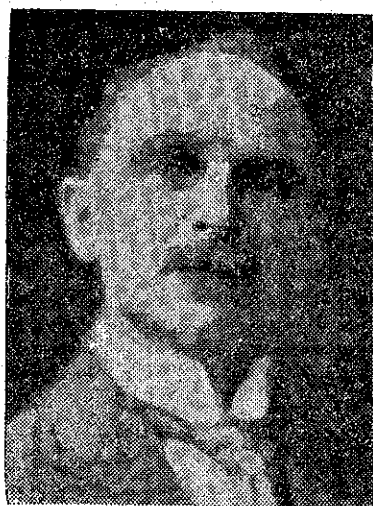
Selection, The Orchestra, "Offenbach Memories" (arr. Ansell).

Record (choral), B.B.C. Wireless Chorus, "Morgenblätter" (Strauss).

Record (piano), Left Poushnoff, "Pre-lude in B Flat" (Rachmaninoff).

Mezzo-soprano, Hinemoa Rosieur, "Romanza" (Mascagni).

The Orchestra, "Two English Folk Songs" (Williams).



C. E. Wheeler,

who will give a lecturette on the Debt Conversion Statement from 2YA on Monday, January 2.

—S. P. Andrew, photo.

Record (vocal gems), Light Opera Company, "Helen" (Offenbach).

Violin, Leo Cherniavsky, "La Barachita" (Esperon).

Tenor, George Barnes, "Sometimes in Summer" (Sterndale-Bennett) "Come to the Fair" (Martin).

Selection, The Orchestra, "Mikado" (Sullivan).

2YA Wellington

Sunday 8. 720 kc.

2.0-4.30: Selected recordings.

6.0: Children's Song Service, conducted by Uncle George, assisted by Children's Choir from Kilbirnie Presbyterian Church (Lyall Bay section).

Sunday

January 8.

Church Services: 1YA. 7 p.m., St. David's Church; preacher, Rev. W. Bower Black.

2YA. 7 p.m., Taranaki Street Methodist Church; preacher, Rev. T. R. Richards.

3YA. 7 p.m., Church of Christ; preacher, Pastor Stuart Stevens.

4YA. 6.30 p.m., St. Paul's Anglican Cathedral; preacher, Very Rev. Dean Cruickshank.

After-Church Concerts: 1YA. 1YA Chamber Orchestra; Hinemoa Rosieur (mezzo-soprano); and George Barnes (tenor).

2YA. Port Nicholson Silver Band and 2YA artists.

3YA. Relay of programme from 4YA, Dunedin.

4YA. Concert Orchestra; and Mary Pratt (contralto).

7.0: Relay of evening service from Taranaki Street Methodist Church. Preacher: Rev. T. R. Richards.

Concert Programme.

(Relayed to 2ZD, Masterton) 8.15: Dame Sybil Thorndike and her husband, Lewis Casson, will present a Shakespearean sketch, to be relayed to all YA stations.

8.27: Concert by Port Nicholson Silver Band (Conductor, J. J. Drew) and 2YA artists.

Chorus, The Band, "Hallelujah Chorus" from "The Messiah" (Handel).

Mezzo-soprano, Mrs. Ellen Crawford, "I'll Take You Home Again, Kathleen" (Westendoff); "Avourneen" (King).

Valse, The Band, "Bacchanale" (Rimmer).

Bass, Signor Lucien Cesaroni, "Prologue" from "Pagliacci" (Leoncavallo).

Xylophone, Bandsman Clarrie Bell, "Light Cavalry" (arr. Drew).

Intermezzo, The Band, "Humoreske" (arr. Squire).

Duet, Signor Lucien Cesaroni and Paul Saldaigne, "In This Solemn Hour" (Verdi).

Recording (Organ), Sydney Gustard, "The Match Parade" (Wehle).

Weather report and notices.

Selection, The Band, "The Victory" (Jenkins).

Mezzo-soprano, Mrs. Ellen Crawford, "When the Grey of the Sky" (Sterling); "Darling" (Lohr).

Recording (violin), Albert Sandler, "Estudiantina Waltz" (Op. 191) (Waldteufel); "Dolores Waltz" (Waldteufel).

Tenor, Paul Saldaigne, "In My Heart All Are Equally Cherish'd" (Verdi); "Mattinata" (Leoncavallo).

Novelty, The Band, "The Booster" (Lake).

Duet, Signor Lucien Cesaroni and Mr. Paul Saldaigne, "Be Mine the Delight" (Gounod).

Recording, J. H. Squire Celeste Octet, "In the Gloaming" (Hill); "Whisper and I Shall Hear" (Piccolomini).

Horn solo, Bandsman Harry Parsonage, "Eyes of Grey" (McGeogh).

Hymn, The Band, "Roseate Hues" (Ord Hume).

Bass, Signor Lucien Cesaroni, "Wanderer" (Schubert); "Absent" (Tirindelli).

March, The Band, "Oriental" (German).

3YA Christchurch

Sunday 8. 980 kc.

2.0-4.30: Selected recordings.

5.30: Children's Song Service by Children of Church of Christ Sunday Schools,

conducted by Mr. Ray Knapp.

6.15: Selected recordings.

7.0: Relay of Evening Service from Church of Christ, Moorhouse Avenue. Preacher, Pastor Stuart Stevens.

8.15: Relay of 2YA.

8.27: Relay of programme from 4YA, Dunedin.

4YA Dunedin

Sunday 8. 650 kc.

2.0-4.30: Children's Song Service, conducted by Big Brother Bill.

6.15: Selected recordings.

6.30: Relay of Evening Service from St. Paul's Anglican Cathedral. Preacher, Very Rev. Dean G. C. Cruickshank.

7.45: Selected recordings.

Concert Programme.

8.15: Relay of 2YA.

8.27: Overture, The Concert Orchestra (Mons. de Rose, Conductor), "Guy Manner" (Bishop).

8.25: Soprano, Eva Scott, "Ave Maria" (Schubert); "My Garden of Dreams" (Hewitt).

8.33: Recording (Recital), John Drinkwater, "Mystery"; "Vagabond"; "Moonlit Apples"; "Birthright" (Drinkwater).

8.37: Fantasia, The Concert Orchestra, "Aida" (Verdi).

8.40: Contralto, Mary Pratt, "My Dwelling Place" (Schubert); "Harbour Night Song" (Sanderson).

8.56: Entr'acte, The Concert Orchestra, "Serenade Pizzicata" (Ganne).

9.0: Weather report and notices.

9.2: Tenor, Ernest McKinlay.

9.17: Selection, The Concert Orchestra, "Fantasia de Ballet 'Copellia'" (Delibes).

9.27: Soprano, Eva Scott, "Songs My Mother Taught Me" (Dvorak); "The Virgin's Slumber Song" (Rieger).

9.34: Recording (Oboe), Leon Gossens, "Le Cygne" (Saint Saens).

9.37: Selection, The Concert Orchestra, "Hymn to the Sun"; Intermezzo from "L'Amico Fritz" (Mascagni).

9.47: Contralto, Mary Pratt, "Two Ulster Fragments" (arr. Hughes); "Life and Death" (Coleridge Taylor).

9.54: Fantasia, The Concert Orchestra, "In a Camp of the Ancient Briton" (Ketilbey).

2YB New Plymouth

Sunday 8. 1230 kc.

6.0 to 6.45: Children's Sunday evening session, conducted by Uncle Jonathan.

7.0 to 8.15: Church relay.

8.15 to 10.0: Studio concert.

Christmas Luncheon

Mr. Hands Entertains

A VERY pleasant function took place on Wednesday, December 21, at the D.I.C. tearooms, when the general manager of the Broadcasting Board, Mr. E. C. Hands, and Mrs. Hands entertained the staffs of 2YA and the head office of the board at luncheon.

The function was quite an informal one and was most enjoyable. A real Yuletide atmosphere prevailed.

Prior to the gathering the staff had arranged a presentation to Mr. Hands to commemorate the completion of the first year of board control. This took the form of a cigarette case, suitably inscribed. This memento of the occasion was placed on Mr. Hands's table prior to the luncheon, and a handsome bouquet was also presented to Mrs. Hands.

Topical Notes

THE Osaka station JOBK now gives daily Esperanto talks at 10.30 p.m.

FOR the benefit of their nationals residing in the U.S.A., the Polish broadcasting authorities have completed arrangements for a rebroadcast of programmes from Warsaw, for transmission through the National Broadcasting Company's network.

ACCORDING to the French technical press, the 60-kilowatt transmitter, which is being built for Bist, on the south coast, will act as a regional station, and will be linked by modern pupinised cables with modern studios at Nice, Cannes, and Monte Carlo.

ON the success of the last radio show at Olympia, the Radio Manufacturers' Association has booked the building five years ahead. It is officially stated that £50,000,000 of wireless apparatus is expected to pass into the hands of the public, as the result of Radiolympia.

THE Law Society of Great Britain has informed the B.B.C. that there is no possibility of the removal of the ban on barristers and other members of the legal profession, broadcasting under their own names. It has been hoped to include eminent K.C.'s and even judges for the series of mock trials which the B.B.C. is broadcasting.

DR. TOULOUSE, a French authority on nervous disorders, recently gave it as his opinion that when powerful wireless broadcasts were taking place it was harmful for tired people, for overworked people, and for children who had little power of resistance. It was because sensorial excitement was bad for mental equilibrium.

THE organisers of Radiolympia cannot complain of newspaper neglect with reference to the show. In the national and daily newspapers, apart from wireless and technical journals, there were nearly 3500 column inches of editorial matter about the exhibition. Of this amount the national dailies gave 1700 inches, the evening newspapers more than 600 inches, while nearly 600 inches were given by the Sunday papers.

Auckland Notes

By "Neutron"

THE Christmas carol concert relayed by 1YA from the Town Hall on Saturday was a very fine performance, the more so as at the last minute Mr. George Buckley, Auckland City's bandmaster, had, through Mr. Hudson's indisposition, to conduct both band and choir. At 4.35 a.m. on Christmas morning, I don't like carols a little bit, but in the evening, and capably sung by a big, well-trained choir, they were entirely enjoyable. The band too was in fine fettle, Hal McLennan's flute solos were deservedly encored, and I enjoyed the organ solos by the city's three honorary organists far more than usual with this type of music over the air. The fly in the ointment was the announcing. There was hardly any of it, and on my little set at least, that little was inaudible. However, unless I need the attention of an aurist I did hear Gounod's great "Ave Maria" called "ave Marie," the first word being pronounced as the characteristic Cockney says the verb "have." However, apart from this, the concert was thoroughly enjoyable.

MR. E. W. WRIGHT, speaking from 1YA on Saturday evening in the pre-concert session, had something to say about dahlias that gardeners would do well to take very generally this hot, dry weather. "The dry spell has set in early," Mr. Wright said, "and it looks as if we were in for a long, hot summer." That being so, the chief thing now is water; no half-measures, but a thorough soaking that will last a week. If the plants miss this the wood hardens and there will be a stunted plant and few flowers. To conserve the moisture in the soil and stop the ground from baking, he added that mulching was essential. In a small way, the lawn cuttings could be used; if not straw or hay. However, those with bigger gardens, he suggested, should use spent hops, and later if these were dug in they would make good manure. Now, that seems sound advice for almost any plants this weather. Mulch first and water after, and the plants in any garden should stand up to any amount of a typical Auckland roaster summer, which seems to be well on the cards. At any rate I'm taking Mr Wright's tip for tomatoes and a few other things. The gardening, and the farming talk too, certainly contain helpful ideas.

TALKING of helpful ideas, home science talks prepared by Otago University have been of definite value to the womenfolk, but a recent one given to Auckland listeners by 1YA only made my mouth water. It was a scorching day and the title, "Summer Beverages," was distinctly alluring. However, the opening remarks shattered all dreams of something cooling into fragments. "Most of you have raspberries in your gardens," the speaker commenced, and went on to elaborate various sorts of raspberry drinks. Auckland listeners don't have any raspberries in their gardens, and very, very rarely see any of them in the shops. And those recipes that didn't have raspberries needed ice, which is rather bothersome to get in the small home. So, after all, it will have to be home brew—and the spent hops can go on the garden. As stated, the home science talks are usually very good. This was merely one that wasn't suited to Auckland conditions.

THIS has been quite a band week, which should surely please listeners. The Municipal Band was heard at Saturday night's carol concert from 1YA, and again on Sunday in a fine concert also relayed by 1YA from Albert Park. Then in lighter but pleasing vein, the Auckland Watersiders' Silver Band came across from the 1YA studio on Wednesday in an entertaining programme. This should quieten those who are keen to have the programme follow the questionnaire.

THE second evening with station "O, I say! Auckland," presented by 1YA on Monday, while lacking the novelty of the original presentation, served its purpose as farcical entertainment that got a laugh. Mr. Len Barnes is so good as a harried announcer that one is tempted to think he must have had considerable experience in being harried. (Not married, please, Mr. Printer.) Then there was the Hang Chow Chinese Orchestra and some trial turns for which one would be tempted to hang Europeans. It was quite a cheerful evening, finished off with the Winter Garden Orchestra for those who like modern dance music.

ON Monday evening coming events cast their shadows before. In the farce hour at a Radio Studio presented by 1YA, was an attempt to broadcast an overseas short-wave programme. It was all whistle and howl and surge. Later in the evening 1YA tuned in to the new Empire short-wave station at Daventry and in two separate shots it was merely like a heavy surf on an ocean beach. The imitation was much ahead of the original. For the third try 1YA went to 2YA and got some dance music, rather distorted. The second evening was only slightly

better. 1YA is not good at these short-wave attempts: I have often heard private sets do far better direct under identical conditions, but still, it does seem as if the technicians in England have still several big problems to solve before Empire short-wave climbs out of the mere novelty class into that of real entertainment. Here's wishing them good luck and a big improvement in their transmissions.

1ZR continued its sporting service on Saturday evening when it put over a bright account of the broadcasting at Western Springs. Broadsideing has not been drawing as once it did, but this is largely on account of John Citizen's need for economy. Undoubtedly quite a large section would, however, still enjoy these broadcasts.

REVIEWING some of the ground he had already traversed, in his "Export Trading Problems" talk from 1YA on Tuesday, Mr. Edward Cortis said the major and vital problem of this country was not to secure more production—at a loss—but to find new and profitable outlets for our produce. The present outlook was black. The Dominion's one and only outlet, the great British market, was completely saturated. He suggested a Dominion-wide organisation with a capital of £500,000, interest on which in the establishment years might even be guaranteed by the Government. This organisation would seek out and build up new markets in the East and in South America, launching a campaign for the supremacy of New Zealand exports there, with high-class, graded products all under one standard trade mark. Something of this sort is certainly urgently needed—the logic of circumstances is all with Mr. Cortis. It is interesting to learn that dairy companies are taking a wide interest in his talks.

DURING Tuesday evening the manager of the Young Australia Band now touring the Dominion spoke very briefly from 1YA. He announced that he carried greetings from the Governor-General and Prime Minister of the Commonwealth to Lord Bledisloe and Mr. Forbes, and the knee-high drummer of eight years, smallest member of the party, called: "Hello, New Zealand." Unfortunately they had sported with the tail of a cyclone on the way across the Tasman, so that the full band was still too weather-bound to face the mike. However, a youthful violinist, with remarkable tone and execution, presented "On Wings of Song," and a boy soprano of the party also sang.

Radio Round the World

THE names of the six announcers of the B.B.C., formerly kept secret by the authorities, were revealed by an English newspaper recently. They are all distinguished university men, five having graduated from Oxford, and the sixth, the chief announcer, from Cambridge.

THE Electrical and Radio Development Association in New South Wales has decided to hold an exhibition in the Sydney Town Hall during the ten days between March 22 and April 7, 1933. Considerable space has been already booked, and it is thought that the Postmaster-General's Department will take the whole of the basement.

THE governors of the B.B.C. have agreed to permit regular political broadcasts. The decision means that one of the strictest bans is to be lifted, and politicians of standing will be allowed to broadcast their political views. The B.B.C. intends to exercise particular care in presenting a "balance" in broadcasts on controversial subjects.

THIRTY-ONE years ago, on the twelfth day of December to be precise, the first wireless signals were received across the breadth of the Atlantic Ocean. Over a year later, on December 22, 1902, the first wireless communication was transmitted across the Atlantic, by Senator Marconi to King Edward at Buckingham Palace, and read:—"On occasion of first wireless telegraphic communication across Atlantic Ocean may I be permitted to present, by means of this wireless message transmitted from Canada to England, my respectful homage to his Majesty the King."

AT the end of November, 1922, 18,000 licenses had been taken out in Great Britain. By the end of November, 1932, the number had risen to nearly 5,000,000. The first B.B.C. office consisted of half a dozen rooms and a single studio, which could not contain an orchestra of twelve without the doors were left open. In 1932 headquarters contains 22 studios, one of which can accommodate a symphony orchestra and an audience of nearly six hundred. Such graphic contrasts depict better than words the success of the first ten years of British broadcasting.



Mr. and Mrs. W. J. Bailey.

Well-known Auckland entertainers, who will give several elocutionary items from 1YA on Wednesday, January 4.

—S. P. Andrew photo.

News and Views of the DX Club

Answers to Correspondents

32T (N.P.): Your verification will count.

Identification Wanted

American heard on 1070 k.c. (280 m.), heard from 7.36 p.m. on Dec. 11. Two men and a woman were conversing. "Bos-

Christchurch Branch Meeting.

The January meeting will be held on Wednesday, January 11, 1933, top floor Begg's, entrance off Bedford Row. Lecture by Mr. Les. Hurrell. Arrangements for group photograph to be made, so come along and be in it. —Eric W. Watson, District Secretary.

ton, Massachusetts, prizes and dollars" were mentioned. At 7.53 "Bob and Billie" was heard.—32T (N.P.).

Station heard at about 10.28 a.m. on Dec. 18 on about 830 m. (910 k.c.). Sta-

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BURGESS RADIO BATTERIES

FOR Fifteen Years BURGESS—the British Radio Batteries—have been the accepted standard of radio battery dependability... the choice of experienced scientists and explorers.

tion was closing down as I tuned in. "128, Queen Street," was heard. The last remark heard was "Good morning, everybody."—46W (Wanganui).

Australian amateur heard on approx. 1210 k.c. (248 m.) on Dec. 18. "Snuggle on Your Shoulder" and other numbers were heard, concluding with "Oh, Come Let Us Adore Him," sung by a choir. Also, an American on 1480 k.c. (203 m.) heard at 2.50 a.m. on Dec. 18, with accordion solo. The N.B.C. chimes and an announcement "K—" was heard at 3 a.m., followed by 20 minutes of band music. Fading was very severe, R7 to zero every few seconds.—780T (Dunedin).

American heard broadcasting a special dx programme on 1210 k.c. (247.8 m.)—right alongside 32C—on Dec. 17 from 8.2 p.m.-9 p.m. From about 9 p.m. 2CH practically obliterated him.—26HB (Napier).

DX Topics

Latest Verifications.

LATEST verifications are from HSPL. Bangkok, who state that further reports would be appreciated. Frequency is 857 k.c. (350 m.). KOMO sent an informative booklet on Seattle in return for one I sent on New Zealand, 90.0t: Your list of postage rates will be very handy. I know now why JOHK did not reply.—32T (New Plymouth).

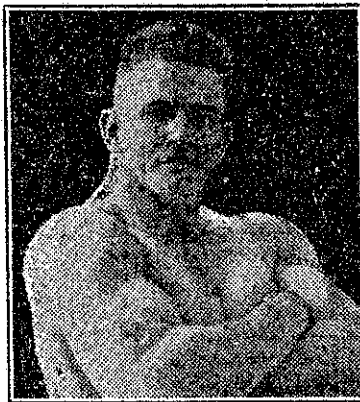
"Fair Play—"

I READ with great interest 29W's letter in the December "Radio Times." He states: "Several local members would like to know why J.P.C. and D.N.A. can have their statements challenged when so much trouble was caused by D.M.R.'s action a few weeks ago." Does 29W know of any statement on which J.P.C. or D.N.A. can be challenged? Concerning 29W's remark about fair play, how about a little of the same commodity concerning this matter? I notice from the list of stations heard during the month, published in the December "Radio Times," the Wanganui and Auckland branches mention OOMK. For the past five months there has been no such station. Their call has been changed to ZILY and the frequency to 900 k.c.—T. M. Bassett, 115W (Sec., Palmerston North branch).

Stations Who Appreciate Reports.

IN response to "Rio Rita's" request for a list of New Zealand stations who welcome reports, the following is an authentic list:—1ZL, 1ZS, 1ZQ, 1ZH, 1ZR, 1ZB, 2YB, 2ZF, 2ZW, 2ZR, 2ZK, 2ZO, 2ZD, 2ZH, 2ZF, 3ZC, 4ZP, 4ZF, 4ZO, 3ZR, 3ZE, 4ZC. Postage, at least 1d. should be enclosed for the verification, and name and address should be printed in block letters. Don't report on 4ZL—I have been writing to him for about four years, but no reply yet.—Eric W. Watson, 28MC.

Here Is A New Year Gift For You—



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A man's worth "the public recognition of his services." The following papers—"Smith's," "Telegraph," "Truth," "Arrow," "Sportsman," "Physical Culture," "Referee," "Sun," "Free Lance," and other leading papers—say: "Don Athaldo, strongest man in the world."

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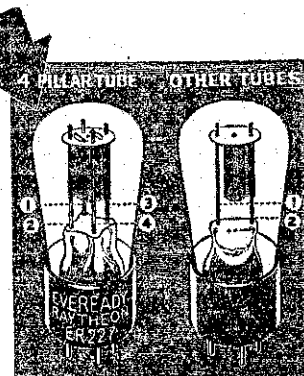
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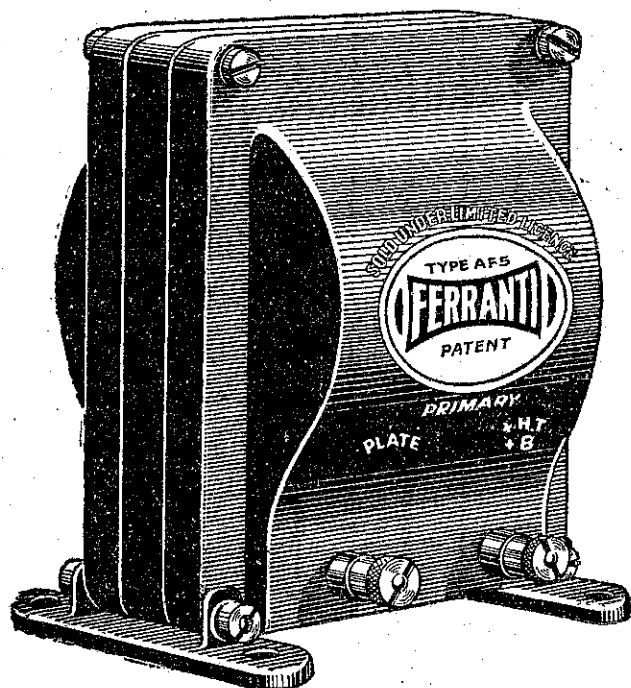
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Questions and Answers

B. S. (Christchurch): I have a commercial a.c. radiogram, and when the switch which changes from gramophone to radio is lying at neutral and the volume control is right off, there is a noise like static.

A.: Obviously a defective switch.

J. A. S. (Oamaru): I have constructed an a.c. set which appeared in an overseas publication. Commercial coils are specified, but no particulars of windings are given. Could you give me details of suitable coils wound on valve base formers?

A.:

Band	Secondary	Reaction
9-16	24	4
15-30	54	7
28-55	84	11
50-110	154	15

The secondaries should be wound with 28 d.s.c. and the reaction coils with 36 d.s.c.

H. F. (Dargaville): I have built the "Differential Two" with an extra audio stage. Could you let me know the best type of valves to use and how many turns of 28 s.w.g. enamelled on primary, secondary, and tickler windings, using .00035 tuning condenser and .0002 reaction condenser?

A.: For valves, use two type L210 and a P215. You do not state the diameter of the coil former you are using, but assuming it is 2in. the coil particulars are as follow:—

Primary 25-30 turns, secondary 75 turns, tickler 25 turns. If reaction is too fierce take a few turns off the tickler coil.

DX46W (Wanganui): I have a 4-valve s.g. set, but since shifting to Wanganui from Gisborne I cannot get any Americans.

A.: Locality is an important factor of long-distance reception, and evidently your present one is not so favourable as your last. Your aerial system appears to be quite sound, and we would not advise you to shorten it, as you suggest.

"NOVICE" (Auckland): I have a 5-valve a.c. set and wish to make a s.w. adaptor. Where could I obtain a circuit?

A.: In the 1930 "Radio Guide."

2. What stations would I then get?

A.: You should get all the worth-while short-wave stations in the world.

"PUZZLED" (Hastings): I have a four valve set and I cannot receive 2ZH as loudly as 2YA. Are my coils at fault, and could you give me particulars of them?

A.: If you can receive 2ZH at a definite peak in volume, i.e., if there is a falling away in loudness if you move the dial either way, the set is tuning down to 2ZH's wavelength all right. Possibly you are badly screened from 2ZH, but not from 2YA. After all you must remember that 2ZH operates with only one-fiftieth of the power of 2YA.

"LOCO" (Wanganui): Would tuning my aerial as per sketch be an improvement as regards distance and selectivity?

A.: Theoretically, yes, but practically we don't think it would be worth while.

E. A. (Lower Hutt): I am constructing the "Modern Five," which appeared in the December "Radio Times," and am incorporating band-pass filter which appeared about two months ago. My condenser is a four-ganged one, of .00035 mfd. capacity. What would be the new coil specifications, using 30 gauge enamelled and 1in. former?

A.: Secondaries, 180 turns, primaries (link coils), the same as specified.

2. What would be the effect if instead of winding the primaries over the secondaries, they were wound on the former below, spaced 1-16in.?

A.: In the Link band-pass filter the primary is wound in this manner, 15 turns being close wound, and 15 bunch wound. Overwinding would thus make the coupling too tight.

3. Would the number of turns for the aerial coil be the same as in the other coil? Would it be wound over or below the secondary?

A.: The Link band-pass filter does not use a separate aerial primary, but the aerial is tapped down the secondary. If you tapped your aerial at the 100th turn this should be O.K.

H. G. (Hamilton): I have an eight-valve commercial superhet, which has been in constant use for the past eighteen months. During the past month or two it has developed a scratching accompaniment to the modulation, that is to say, when the set is turned on the scratching is barely audible, but as the volume control knob is advanced so the scratching sound is increased. There is a continual accompanied rising and falling with the speech or music. All valves were tested a short time ago and are O.K. Electrolytics have been replaced but no improvement resulted. The set doesn't seem to be as sensitive as it was formerly.

A.: If, as you say, you have had servicemen in to examine the set, we are afraid we cannot help you much. The trouble sounds rather like a defective volume control or a broken down by-pass condenser, or resistor.

W. J. H. (Foxton): I have built the "Round the World Three," using three 201A's with a "B" eliminator and an accumulator. The set has now developed a squeal on short waves. I have tried altering the grid-leak, grid-condenser, transformers, chokes and coils, all in vain.

A.: As the trouble was not always there we think it lies in either your "A" or "B" supply. Is your accumulator O.K.? Also, it may be a broken-down condenser or resistance in your eliminator. In addition have your valves tested.

A. G. H. (Napier): Can you recommend a circuit to run a small dynamic speaker and capable of giving reliable reception of New Zealand stations only? Daylight reception of 2YA and the local station would be required also.

A.: You could not do better than either the "Simplicity Superhet" or the "Modern Five." Reliable and guaranteed kits of each of these sets can be

Information Coupon

(To be used with all requests for information.)

Name of set

Model

Name

Address

.....

.....

Nom de plume

To be kept in subsequent inquiries.

Please Note:—

- (1) Be specific and brief, tabulating, if possible.
- (2) Write legibly, and on one side of the paper.
- (3) We do not design circuits.
- (4) Limit three questions, unless 1/- is enclosed.
- (5) Postal queries limit three questions. Enclose stamped envelope and 1/- fee.

quite readily procured from several of our advertisers.

DX18HB: What is the inductance of the special audio coupling choke in the "S.W.C. Two" and where is it to be obtained?

A.: From 300-500 henries. Use the secondary of a high-grade transformer.

2. Where is the .5 mica fixed condenser?

A.: It is not absolutely essential to have a mica condenser other than the coupling condenser, though it may be preferable to use micas in other positions.

3. Round pigtail type condensers may be obtained anywhere.

4. C5, although it does not increase the internal capacity of the valve, increases the oscillation. It is really in parallel with it and, of course, tends to reduce self capacity.

5. Our experience with Osram valves is that they are excellent and one of the best type of battery valves with which we have experimented. We have never found their emission poor and have very rarely struck a "dud."

6. You can use enamelled wire without space, although it would be preferable to space it by its own diameter.

118A (Auckland): My present aerial is placed as shown in diagram. It is therefore best for Australians, but at present it is difficult to get the Americans on their morning session. Would an aerial under the roof tiles of 200 feet be as good as the present outdoor one?

A.: No. You give no details as to height and length of your aerial, but the average "L" aerial has very little, if any, directional effect.

3. Would it be better to run an outdoor aerial around the eaves of the house, insulating it at each corner?

A.: No, because it would be in direct opposition to the first essential of a good aerial, i.e., it must not run near earthed objects such as gutters, downpipes, etc., or, indeed, near any object at all.

R. M. (Waipawa): Is the "N.Z. Short-wave Club Two" equal to or superior to any other set comprising detector and two audio stages?

A.: Yes, we think it is quite equal to any such set.

2. What is its "B" consumption?

A.: That, of course, depends upon the valves you use. If they are carefully chosen it need not be more than 8 mls.

5 HB (Napier):—You recommend the PT2 valve for the "Outspan." In an English magazine it says that by using the maximum voltage on the plate and screen it has an output of 500 milliwatts, and uses 12 milliamps. What alterations will be necessary in the "Outspan" circuit to use the valve at its maximum output?

N.Z. Short-Wave Club Notes

From the Secretary's Pen

THE special programme from VE9 GW was received by Mr. R. Thwaites of Shannon. Members in other parts report that they received only the carrier.

A recent visitor to Wellington was Mr. Arthur Stevens, of ZL2HR, our Taranaki representative and a keen dxer. Mr. Stevens is visiting the N.Z.A.R.T. convention.

Owing to an accident to my power supply I nearly missed the Empire broadcast, and I have to thank Mr. J. Dawson, of Wellington, for coming

to my rescue with his eliminator, which worked well on short waves. Fortunately howlers were not much in evidence, one of the reasons being that many did not know the secret, and were clustered around every harmonic of 2YA. I am glad I am not the DX Editor of the "Radio Times," or I might get into hot water when it came to judging the verifications.

A seafaring friend of mine writes: "I am glad you advised me to get an expert on the job. He came down to the boat, got out his gear, dived into the set, and found what was wrong. For testing and putting in a couple of parts he only charged me 12/6, so, in future, the expert for me." This advice could be taken to heart in many cases, as a test out is often well worth the small fee charged by the technician.

We extend best wishes for 1933 to all readers. My address for inquiries, etc., is A. B. McDonagh, Secretary, N.Z. Short-wave Club, 4 Queen Street, Wellington, E.I. Kia ora, everybody, yours fraternally, MAC.

World Radio News

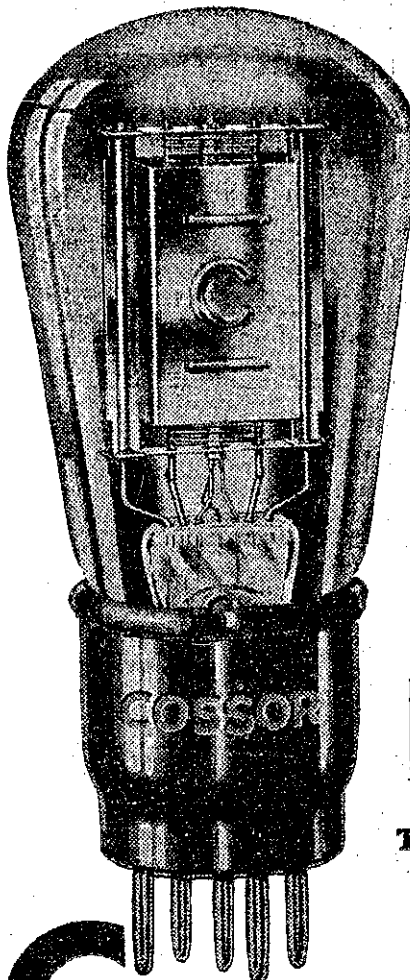
IT is claimed that the mention of prices, a recently introduced feature in American wireless sales talks, has not been found to be offensive to listeners generally. It now transpires that the chief opponents to price-mention were the two big broadcasting chains themselves, who were apparently under an impression that actual price-mention might have the effect of destroying goodwill.

FORTUNE telling and astrological programmes by radio have recently been forbidden in the U.S.A., and in granting renewal of the license to KFWL, of San Francisco, which station had featured fortune-telling programmes, the Radio Commission ruled that such transmissions, together with the advertising for sale of astrological charts, might in many cases constitute a harmful trade upon the susceptibilities and emotions of listeners who may be in serious difficulties.

THE scheme for providing community radio for villages in India is proceeding toward a successful conclusion, in the Bombay Presidency. Indian gentlemen have undertaken to provide the receivers needed, and a European business man has promised to make a substantial donation to defray part of the cost. The wireless consultant to the Government has chosen villages in the centre of well-populated areas, and the design of the receivers is such that they will be automatically switched off and on, by operation from the transmitting station.

AN appliance for the detection and extinction of fires on board ship has recently been demonstrated in Great Britain. The apparatus uses a selenium cell of a pattern similar to that utilised in the reproduction of "talkie" films. When influenced by a variation of light the cell operates a relay causing an alarm to be rung and a visible signal to be flashed at a prominent part of the ship. At the same time fire extinguishing chemicals are automatically released at the point of outbreak.

EFFICIENCY— CONSISTENCY— LONG LIFE— all ensured by the MICA BRIDGE



THESE three features— all demanded by the discriminating valve user—are ALWAYS found in Cossor A.C. Valves due to the use of the famous Cossor Mica Bridge mounting—a system which gives these definite advantages:—

(1) Microscopic accuracy in assembly of electrodes — ensuring maximum efficiency.

(2) Prevents variation in electrode spacing and consequent variation in characteristics.

(3) Imparts great mechanical strength, thereby ensuring exceptionally long life.

When you buy a Cossor A.C. Valve you KNOW that its performance will be in accordance with its stated characteristics—and that it will retain those characteristics throughout the length of its exceptionally long life.

This illustration shows how the Cossor Mica Bridge is applied to Cossor A.C. Valves. Adaptations of the Mica Bridge are used in all Cossor Valves.

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LOFTIN-WHITE AMPLIFIERS, Stewart Hardware Ltd.,
Courtenay Place, Wellington.

MULLARD VALVES All Radio Dealers.

The Troubadour's Art The Empire Broadcasts One Guinea Prize

(Continued from page 3.)

Tarascon (the sister-in-law of the Baron Raimon); and this lady, with that sharp perception in sentimental matters for which women are justly credited, immediately smells the correct rat, and acts up to the occasion.

The Baron Raimon is delighted, and on returning to his own castle he proceeds to inform his wife of what has taken place. We can almost imagine the baron's lady exclaiming: "How you do surprise me!" The immediate danger then is surmounted in that way. But the luck of the young troubadour cannot be expected to last indefinitely. In the exuberance of his relief he composes a very amorous set of verses and sings them in the presence of the baronial court. They are of course really addressed to Raimon's lady under a fictitious name, but the baron, who up to this moment seems to have been a very stupid baron, at length wakes up completely and suspects rightly to whom the song is addressed.

Jealousy flames up in his baronial heart—which is not to be wondered at. He again makes occasion to meet the young troubadour in a lonely spot in the wood, and there slays him.

Most of us would think that was enough in itself. But the baron thinks otherwise. He therefore cuts off the young fellow's head, tears out his heart, and returns to the castle. Here he contrives to have the heart roasted and served up for dinner like the most innocent joint. He next persuades his wife to partake of it. She accepts a helping and eats. As soon as she has consumed her portion, the ferocious baron tells her the secret of the meat, asking her at the same time how she enjoyed its flavour. In order to convince his lady of the genuineness of his statement, at this very moment the husband produces the severed head of the lady's lover. The lady's reply to the brutal question of her husband as to the flavour of the meat she has eaten is a lesson in dignity unsurpassed in romantic records.

She replied thus: "It was so good and savoury," she said, "that never other meat or drink shall take from my mouth the sweetness which the heart of Guillem has left there." On this reply, the husband rushes at her with drawn sword, but she swiftly evades him and throwing herself from a balcony to the ground beneath is instantly killed.

This romantic tragedy, became not only a national but an international question of the day. The news of it created consternation and disgust everywhere; "and," says the chronicler, "all the friends of Guillem and the lady, and all the courteous knights of the neighbourhood, and all those who were lovers, united to make war against Raimon."

Matters did not stop there. Alfonso, the King of Aragon, actually invaded the feudal territories of the murderous Baron Raimon, seized his strongholds, took Raimon prisoner, and kept him in close confinement of his life. Even this did not finish the affair, for King Alfonso of Aragon caused the whole of the offending baron's possessions to be distributed among the relatives of the two dead lovers.

(Continued from page 7.)

voltage in the neighbourhood of 150. The filament current is drawn from two high-capacity six-volt accumulators.

The panel on the extreme left is the power supply panel, with various meters to show the condition of both sets of batteries and for adjusting charging rate.

The next panel is perhaps the most interesting. At the bottom may be seen the twenty-four rheostats which control the filament voltages of each of the twenty-four valves. Above these



Stan Pritchard,

IYA baritone, who will sing three solos on Monday, January 2.

—S. P. Andrew, photo.

are three rows of switches for throwing valves in and out of circuit and for making quick tests. The black box at the top houses the alarm relay, while just underneath it may be seen two rows of white panel lights twelve in each row. Each is labelled with the name of the valve with which it is associated. Should a valve burn out, the alarm sounds and one of the panel lights shows red. Thus a valve which has broken down can be located at a glance.

Defects in any of the anode circuits are also revealed by the 130-volt lamps, which may be seen in rows along the top of the main panel. These also afford protection to the batteries and the rest of the circuit, for should a short-circuit occur, the "B" supply is not shorted, but the lamp in the faulty circuit takes the load and lights up. Thus these lamps do double duty as protectors and fault indicators.

On the main panel are mounted the controls of the receiver itself, which is a superheterodyne specially designed by the Post and Telegraph engineers. A signal frequency oscillator and an intermediate frequency oscillator are also included for testing or lining up the set.

The receiver covers from approximately 22-38 metres, two sets of plug-in coils being used. Many will no doubt think that the set would be almost impossible to tune, but it really was just a matter of a little experimentation when the set was first placed into operation. A calibrated oscil-

(Continued from inside front cover.)

1930.—So death occurred during or between those dates, and as the date is 30x, it is divisible by 30. The date can only be 1920, which, divided by 30, gives 64. So in 1900 he was 44 years.

A Curious Multiplication.

The number is 987,654,321, which, when multiplied by 18, gives 17,777,777,778, with 1 and 8 at the beginning and end. And so on with the other multipliers, except 90, where the product is 88,888,888,890, with 90 at the end.

The Singular Shilling.

Take hold of two diagonally opposite corners of the handkerchief, with the thumb on the upper surface of each, and stretch vigorously. The handkerchief will be found to form a tense fold, or "overlap" on either side of the coin, and if the handkerchief, still in this condition, be lifted into a perpendicular position, the shilling will remain gripped in the fold, and will not fall.

Ten Halfpence Puzzle.

1, 2, 3, 4, 5, 6, 7, 8, 9, 10 halfpence. Place 4 upon 1, 7 upon 3, 5 upon 9, 2 upon 6, and 8 upon 10.

Easily Done, But How?

Fold the paper exactly across the centre of the hole, then take it in both hands, and ask some one to drop the penny into the fold. Let it rest just over the hole, its lower edge projecting below. Bend the corners of the paper slightly upwards. This elongates the opening, and if the movement is continued, the penny will, after a second or two, fall through by force of its own weight. The paper remains uninjured.

No. 2 Competition Winner's Effort.

Order of pictures E, H, F, D, B, G, A, C.

A picnic at the seaside was the order of the day, and by 7.30 a.m. the commodious char-a-banc with hood down so that everybody could get the fullest enjoyment from the fine summer's day stood waiting outside the garage. The glad young things began to arrive a few minutes later and piled aboard all ready for the day's fun. Little time was wasted in getting away, and everyone was in a

lator operating on the frequency of the desired station is placed into operation, and the set tuned to this. Of course, once the reading of several stations are known, any others are fairly easily located.

A special aerial system is employed which is very effective in cutting out unwanted transmissions. Its efficacy was strikingly proved to the engineers while experimenting one day. As Wellington readers know, Mount Crawford is on a point jutting out into the harbour. One day a motor-boat circled the point, travelling from the eastward, round the point to the westward. While on the eastward side the interference from the ignition system was quite clearly picked up, but when the boat had rounded the point toward the westward side, however, no trace of interference could be detected.

The signals picked up by this aerial pass through the receiver, are detected and amplified, and then travel by landline to the terminal equipment in the Stout Street Telephone Exchange Building. The programme is then plugged through on a landline to 2YA's studio and then by special cable to the transmitter on Mount Victoria.

high state of expectancy. There was no stopping—not even at the "Washout" inn (all that was aboard), so that by the time the sea was reached everybody greeted it with a whoopee of delight. The sky was clear, there was hardly a breath of wind, and the sea was like a mirror—a glorious day for a picnic.

The morning passed all too quickly, but by lunchtime everybody was ready for their meal, and spirits soared even higher by the aid of the filled glass. Someone proposed a toast, but used his left hand, preferring to keep his right near his "money" pocket—evidently he did not trust his company.

But the sea beach was not all that was planned for the day, and the party, many of whom found the company of the other sex indeed convivial, again boarded the bus, which by nightfall arrived at the "Gay Birds." And wasn't that name apt! With the help of an obliging waiter the party went with a swing; some danced on the lawn under the light of the moon, and the others—well, they didn't. The moon was a lot lower in the sky when the char-a-banc arrived back at the garage, and the party, still in its newly-formed twos, broke up after what all declared was an excellent day.

Radio to a Submarine

A New Invention

AFTER months of experimenting with a special triode valve of 150 kilowatts and a co-operating pilot valve, two engineers have succeeded in making possible perfect transmissions of radio messages to a deeply-immersed submarine. To date the new 150-kilowatt valve, just completed at the Berlin Works, Malmaison, France, is the only one in the world, the most powerful of its kind ever constructed, and the only one which has made possible perfect transmission between the earth and undersea vessels. It is designed to work on a wave-length of 10,000 metres. This valve, however, is only one unit in a very intricate and delicate set of co-operating apparatus. The 150 kilowatt valve only amplifies waves created by another valve of similar construction, but with a power of 40 kilowatts. The chief aim of the engineers was to perfect a system of valves that could quickly and easily be taken apart in order to verify that the electrodes were in good condition and working properly.

For this the "vacuum" of the valve has to be maintained to a suitable degree. To make this taking apart possible required perfection in the arrangement of the joints. The upkeep of the vacuum is obtained by the permanent use of a "molecular" pump.

The assisting "pilot" valve of 40 watts keeps up the oscillations of the circuit, and keying is effected in the circuit of the amplifying valve, which feeds directly into the aerial. Seven thousand five hundred volts is applied to the plates of the triodes by a continuous current supply by dynamos or by mercury rectifying apparatus. The power arriving at the aerial slightly exceeds 100 kilowatts. Starting the gear at a maximum power takes 50 minutes (the same time required to produce the vacuum in the tube from the starting point of atmospheric pressure). If the lamp should be momentarily stopped, one or two minutes is sufficient to start it again if the filaments are extinguished. If they are kept alight it requires only a few seconds.

The Battle of the Monsters

(Continued from page 1.)

dorsal fin of a big shark. That croc. had evidently met a friend and was not anxious to renew the acquaintance. There are many crocodiles or alligators in the South Seas, especially in the Solomon Island and New Guinea groups.

It was the third day of the calm, and we lay with hardly a move. It seemed as if all nature had gone to sleep—no wind, only an occasional long swell telling of some disturbance thousands of miles away. The glass was steady; too steady; it seemed as if we had got into a place where there was never any wind or movement.

Away in the distance to the north, from aloft we could occasionally raise the tops of the coconut trees on Vaitupu, that top of a submarine mountain much higher than Mount Everest. Two hundred yards from the reef at Vaitupu the water is one hundred fathoms deep, and one mile out it is 3200 fathoms deep, so it can be seen that this must be one of the highest submarine mountains of the world, just poking its extreme top out of the water.

I was lying down in my cabin in the afternoon watch when the native bo'sun called me. "Come on deck, Ariki, plenty devil fish, big fella, too. By crickey, he the big fella."

I went on deck and witnessed something which probably no white man had ever seen before, and which scientists would have given untold wealth to see. Where before nothing had been in sight, the whole face of the ocean for about one square mile was now thickly covered with slowly-moving monstrous forms.

"What are they, bo'sun?" I asked; and as if they heard my voice, two large forms each erected fully ten feet from the water a huge pair of arms.

"Octopus," said I. "Devil fish," replied the bo'sun, and in truth they looked like it.

As if by signal hundreds of the same huge forms followed suit, and the sight was weird and strange. Hundreds of slowly-moving arms waved grotesquely and uncertainly in the air, and as they advanced toward the ship, the sight was awe-inspiring. It was indeed the schooling of the octopi.

I had no fear that they would attack the ship—she was too big. They could do her no harm, and in a pinch we could lock ourselves in. Out of their element they were harmless, but in their own element, the water, they were indeed formidable and dangerous enemies. They came around the ship, and soon we were the centre of those wildly-waving arms and huge bodies. It was a weird sight. Thousands of octopi, the smallest ten feet long, and some with arms twenty feet long and as thick at the base as a man's body.

Huge devilish-looking eyes larger than ordinary saucers glared malevolently at the ship. I had ordered the native crew to keep away in their quarters, and we watched them from a safe vantage. We noticed that sometimes one would put his arms on the ship, but it was instantly withdrawn, as if there was something in the dry wood to repel the slimy limbs of the monster.

The whole school had passed away from the ship about four hundred yards and about four points on the starboard bow, when—"Good God, look astern," suddenly yelled the mate, and running aft we saw a wild and marvellous sight. The ocean astern of us was alive with swiftly-moving forms, some of stupendous size. Thrashing the sea as they came and even throwing their huge forms clean out of

the water in their excitement, they tore wildly along. On they came, and turning to the octopi we noticed a wave of excitement pass over the school, and thousands of huge arms were erected and started to thrash the water.

Then all at once the battle commenced. Huge forms sixty to eighty feet long threw themselves into the school and the water was lashed to fury. There was hell to pay. The octopi had been attacked by a large school of sperm whales. This is the largest and most vicious whale known, and the only whale that is feared by whalers. Rushing at the octopi with incredible speed, the cetaceans ripped and tore the huge forms to pieces with incredible rapidity. Huge forms bereft of their arms squirmed by, and still larger forms leapt out of the water, their entire bulk showing in the mad attack.

There must have been over two hundred sperm whales, and pandemonium raged. For over a square mile the battle raged. The huge glistening forms of the sperms as they charged, bit, and crunched their opponents to pieces, the sea lashed to fury, the wildly-moving arms and legs of the octopi as they thrashed the whales, the thud of the blows inflicted, the roar of the bull whales, made a scene and pandemonium that was indescribable. Then a new and fiercer element entered the scene. Shoals of sharks and whale-killers, attracted no doubt by the disturbance, attacked the octopi. These the octopi had a small chance with, but occasionally one could see the writhing body of a shark twelve or fourteen feet long held firmly aloft in the arms of some huge octopus. Killer whales attacked all indiscriminately, showing no favour to any, and the slaughter must have been terrible.

There was one grim fight that took place very close to the ship. One huge whale, about seventy feet long, had been cut out of the crowd by a school of killers, who made a common cause against him. Surrounded by merciless enemies who attacked him from all sides, he put up a marvellous fight. Rushing with open jaws armed with teeth at least one foot long, he soon put two of the killers out of action. One he had nearly cut in two—that one was out of it, and very soon was floating around dead. The other had attempted to fasten on to the lower jaw of the whale, but mistaking his distance, he crashed into the open jaws of the sperm, which immediately closed on him. That was another one out. Never still one moment, the big bull whale charged and bit and crunched. Thrashing the water with his huge tail, and roaring in his rage, he put up a lovely fight. He was a hero, but the odds were against him.

Throwing themselves clean out of the water, these big whale killers would soon come down with all their weight on top of the big whale, and so soon knocked the wind out of him. Underneath and around him were dozens of other killers biting, ripping, and tearing. Soon they had got his huge flukes, and as he half turned over they could be seen hanging on to him like savage dogs on to a kill. Harassed and bitten and torn from below, and

beaten and flailed from above, the poor old whale was having a monkey and a parrot time. He was outnumbered and outpointed, and there was only one end for him. As he rolled over defeated I raised my hat to him in respectful homage to an unconquerable spirit.

Still the main battle raged. Doubtless the octopi were getting the worst of it, for they had no weapon that could help them against these savage, merciless foes. But they were game also. Though ugly and vile in every respect, they had no fear. Slowly it dawned on them that they were being beaten, and so they did the only thing possible.

Suddenly they sank, and sharks and killers disappeared with them. It was a weird sight to see about 200 whales sound at once. Only the sperm whales could follow them to their cavernous retreats, where no doubt the remnant recovered from their many wounds. All of the whales save two had disappeared, and another one had evidently got more than he could swallow. Round and round in ever lessening circles he madly raced, and as we sprang aloft to watch, we saw him stop and slowly roll over. Then he tried to right himself, but he could not manage it, and he rolled over on his side. Thrashing the sea with his huge tail for a little while, he finally lay still.

Thousands, perhaps millions, of birds had been attracted to the scene, and were feasting on the remains of many octopi that were floating around. One large booby had settled on the body of a huge octopus which, though maimed and mangled and unable to move, still retained some small vestige of life. The bird attempted to pick the large six-inch eye of the octopus to pieces, but there must have been something compelling in its gaze, for the bird staggered back with startled cries and flew away.

A breeze springing up, we sailed over the battlefield in which the maimed and mangled corpses of the octopi were still floating, and we had a good look at the sperm whale. Inside his huge mouth and protruding from it was the huge body of one of the octopi. We put out the boat, and when we had satisfied ourselves that the octopus was not alive, we made a closer inspection.

The whale had evidently been choked to death, for the huge mouth was open to its fullest extent, and jammed open by the body and legs of a huge octopus of which half completely filled the mouth. The other half which had prevented the huge jaws from closing was squirming outside. It was a curious sight, and the legs, one on each side of the jaw, were locked together over the huge head of the whale. He had been choked to death, and lay there food for ever-increasing flocks of birds and schools of sharks and killers that were gathered around.

"I think we go, Ariki," said the native bo'sun, as one huge killer sidled up alongside our boat and looked with wicked eyes at us.

"I think so, too, bo'sun," said I, and, suiting the action to the word, we pulled for the schooner. And so ended the greatest battle of the giants of the sea that I had ever witnessed in all my voyages in the Seven Seas.

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IN this little book of verses by New Zealand writers will be found much that is interesting, vital, and of a fresh and candid charm. It is a collection of poems that have appeared in the "New Zealand Radio Record," where a column is devoted every fortnight to the criticism and publication of original verse chosen on a competitive basis.

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RADIO

Round the World

MEXICO proposes to compete with the U.S.A. in wireless transmissions when station XER increases its power. The Government has issued a permit to the station to operate with a power of 500 kilowatts. The transmitter is situated just across the boundary, and as the wattage will be ten times greater than any U.S.A. station, apprehension is felt that many of the northern stations will be completely blanketed. The American State Department has so far been quite unable to do anything about the situation.

THE Socialist station, WEVD, New York, has leased the fifteenth floor of Claridge's Hotel, and the rent, deemed to be worth 500 dollars a month, will be paid by announcing the location of the station, and allowing the landlord of the hotel two minutes a week to advertise the premises.

NATIVE and foreign-born white residents of the United States run neck-and-neck as to percentage of families having radio sets. The percentages are: Native, 44.4; foreign-born, 43.6. While negro families possessing receivers equal 7.5 per cent. It is estimated that in all 40.3 per cent. of the thirty million families of the U.S.A. own receivers.

A NOVEL idea was incorporated in the plan when the radio exhibits from Olympia were transported to the Manchester exhibition. Gaily decorated vans were employed, and a stop was made at Leicester, where a one-night show was held in conjunction with a hurriedly-arranged ball. The route was widely advertised, and aeroplanes accompanied the vans for parts of the way. Giant loudspeakers toured the byways and radio received excellent publicity from the idea.

THE last of Italy's high-power stations will be erected at Milan, and will have a power of 50 kilowatts. With the completion of this station Italy will be most effectively wirelessly covered.

DURING their visit to London the famous film comedians, Stan Laurel and Oliver Hardy were featured as a surprise item on the London programme.

THE British Post Office, in announcing that a new drive is to be made to rope in wireless pirates, has every reason to believe that evasion is being practised on a large scale. Although licenses amount to approximately five millions, it is assumed there are at least two millions still evading their responsibilities. Last year a drive in the London area alone saw the figures for London increase by 260,000. The Post Office has recently been greatly impressed by recently compiled statistics. While Bournemouth has 186 licenses per 1000 of population, other areas are very substantially less.

BEFORE the advent of wireless Britain was unable to boast of a single good symphony orchestra. The orchestras that subsisted were required to depend upon small special audiences and subscribers and consequently could not afford high-salaried conductors nor an adequate number of

rehearsals. Wireless popularised the concerts among the masses with the result that subsequently the orchestras were subsidised by the B.B.C., and now rank among the finest in the world.

THE new Crosley station of 500 kilowatts will have a wavelength of 420 metres. It will be America's most powerful station and will operate only after other stations have closed down. It seems possible that it may interfere with distant listeners to 2YA.

THE management of B class Australian stations deny that restrictions placed upon them by gramophone companies will affect them: Two manufacturing companies have offered B stations full stocks, including latest releases by leading American, English and European artists. Since arriving at an agreement with the gramophone trust the A stations not only announce the title of a recorded item, but advertise the name of the maker as well. The B stations have intimated that the trust may keep their records.

THE first new regional station to be erected under the Ferrie plan in France will probably be at Nice and will have a power of 60 kilowatts.

A MUNICIPAL order protecting listeners from electrical interference has been made at Oran, North Africa. The authorities have ordered that all industrial, commercial and domestic electric machines shall be fitted with suitable devices for preventing interference. Where a difficulty is experienced in machinery that is moved from place to place it is ordered that this type of machine must not be used after noon. Loudspeakers may not be used unless the sound is strictly confined to the house of the owner. During the summer when Oran enjoys a siesta between noon and 3 p.m., the use of loudspeakers is strictly forbidden.

ONE of the most difficult announcer's jobs in Europe is that at Bratislava—the announcements being made in Czech, Slovak, French, German, Hungarian, and occasionally in other languages.

SOME few months ago an American radio and television apparatus manufacturer started a factory in England for the purpose of overcoming the tariff imposed on important receivers. Recently the first entirely British-made sets of this firm were placed upon the market, nine months ahead of schedule. At present output is limited to 750 sets a week, but an extension of plant is contemplated as soon as trained employees are in sufficient number to warrant the extra capital expenditure.

AT a dinner given in his honour, Captain P. P. Eekersley told the story of how Dame Nellie Melba took part in the world's first broadcast performance. The high-powered station at Chelmsford was under construction, and the idea of broadcasting a performance was conceived. Melba was asked to assist, and a crude microphone was employed, to the delight of a few hundreds throughout England. Later a formal reprimand was received from the Postmaster-General for the "frivolous employment of wireless equipment," and a warning was given to



Helen Roy.

4YA contrato, who will sing several solos and two duets with John Leech, on Tuesday, January 3.
—Zenith, photo.

"cease activities calculated to hamper legitimate wireless service."

THE Bombay broadcasting station, after many vicissitudes recently celebrated its fifth anniversary.

THERE appears to be some disappointment with the results from the much-heralded new Breslau station, with its unique vertical aerial, suspended within a wooden tower. Reception at a distance no further than the South of England does not indicate that the new station is the success that was anticipated.

THE B.B.C. plans to erect at Droitwich a station that will eventually replace 5XX and 5GB. It will be a twin wave station with 100 kilowatts on long waves and 70 kilowatts on medium waves.

EARLY next year the Dutch station Hilversum will open a new studio building. Included in the apartments

will be a concert hall capable of seating 500 people, with film facilities and a kinema organ, in addition to its broadcasting equipment.

THE projected 120 kilowatt station for Madrid will transmit on a wavelength above 1000 metres.

DURING 1933 the Soviet Union proposes to erect 440 broadcasting stations, with an aggregate power of 380 kilowatts.

THERE are persistent rumours in Britain that a radical change in religious broadcasts is imminent. The B.B.C. has always relied upon advice and support of the main religious bodies, the advantage of which procedure has been the avoidance of special difficulties, and the alignment of the organised Christian community. A disadvantage has been an irregularity of standard of preaching, brought about by the admission of many clergymen possessing no microphone manner. It is now felt that the importance of the service necessitates that the selection of preachers should be determined fearlessly, with only a subsidiary regard for denominational affiliation.

SOME 200 broadcasting stations recently picked up a speech by Sir Eric Drummond, Secretary-General of the League of Nations, and rebroadcast it in various European countries, Canada, U.S.A., Argentine, China, Japan, and other countries. The transmission was one of the regular weekly summaries that are broadcast by the League's short-wave station for rebroadcast by any country interested in the deliberations at Geneva.

OCCASIONALLY Leningrad, Moscow, and Kharkov stations broadcast special concerts for workers on night shift.

PRAGUE, contrary to the principle adopted by French studios, has decided that, in future, only newly-issued gramophone records are to find a place in its daily radio programmes.

FOLLOWING the visit of the Scottish "pipers" to the Copenhagen exhibition, it is now stated that the Band of the Royal Horse Guards will give concerts on the Continent. Arrangements have been made to have the performances broadcast, and it is hoped that Continental bands and orchestras may be induced to reciprocate by visiting Britain.

AN additional broadcasting company has come into being in Holland, and is known as HIRO. It includes various social and religious bodies. Four hours weekly have been allotted to the new company, which will broadcast from the Huizen station.

THE musical box which is used at Oslo (Norway) for the opening and interval signals was designed by an Hungarian engineer, who devised the original apparatus adopted by the Budapest studio. The signature tune used for opening the closing at Oslo consists of a few bars of the National Anthem and the few notes used as an interval signal between items are a condensed theme taken from Grieg's opera "Sigurd Jorsalfar."