NEW STATION FOR TIMARU

AS part of the plan to provide New better electrical conductivity of the Zealand with a better radio coverage by establishing a chain of new broadcasting stations in several of the provincial centres, the NZBS has bought equipment and selected studio and transmitter sites, for a two-kilowatt station at Timaru. Timaru will probably be broadcasting before the end of the year, and eventually there will be a series of lowpowered local stations throughout the country, so that every listener will receive the best possible transmissions in his own district.

Some time ago officers of the NZBS visited Timaru to select suitable sites. Space for a temporary studio has been leased on the top floor of the Timaru Gas Company Building, and a contract will shortly be advertised for making several minor alterations. Many of the staff, including technical trainees, will be obtained locally, and a basic library of 6,500 discs has been set aside for the station.

The chosen transmitter site is at Washdyke, a short distance from the sea and about two miles from Timaru. Washdyke was chosen for several reasons. A better service will be given to the population up and down the coast, and a better general coverage will be given, by siting the transmitter on level ground in this area, rather than on a hill. In addition,

ground in this area means that a stronger signal will be transmitted inland than if the transmitter was in Timaru itself. Thirdly, if the transmitter was actually in the city receiving sets in its vicinity would in some cases be overloaded and would find it difficult to get other New Zealand stations.

Unattended Transmitter

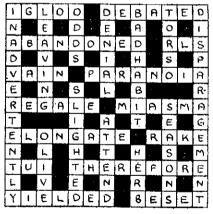
To economise in the use of technical staff the transmitter will be run unattended and switched on and off by remote control from the studio. Technical servicing will be carried out at regular intervals. This practice is being followed in similar stations being erected in other parts of the country. The transmitter is of Australian construction and will be installed in a small building shortly to be erected on the site.

The aerial will be a steel mast of lattice construction, 200 feet high and held up by four insulated guy wires. mast itself will act as the aerial and will be supported on an insulator at the base. Overhead wires similar to ordinary telephone wires will take programmes from the studio to the transmitter and these lines are being erected by the Post and Telegraph Department.

The call sign of the new station will be 3XC Timaru, and it will operate on a frequency of 1160 kilocycles.

"THE LISTENER" CROSSWORD

(Solution to No. 383)



Clues Across

- 1. No sample for this redundancy,
- 7. It usually has six legs.
- 8. "The feast of soul." (Pope).
- 10. This may be left if you take the ache out of avalanche; but it suggests oceans rather than mountains.
- 12. Irritate.
- 13. The peak in soap export?
- 17. "That diamond ------, so pure and clear." (Scott)
- 19. Uncertainty.
- 21. Take away a bit of this bird and you have
- 22: If new, this harbour may be found in England, Scotland and U.S.A.
- 24. This tree sounds like an animal.
- 26. It finished up on the mountains of Ararat.28. Hidden in the rabbit's hutch.
- Sporting attempt?
- 30. A good gardener is popularly supposed to have such fingers.33. Highest order of English knighthood,
- 34. Slag.
- 35. Sheltered.

Clues Down

- This part of a flower has a fairy at the top.
- In high spirits.
 "O dark, dark, dark amid the blaze of ..." (Milton),
- 4. Prospero was the rightful duke of this
- town. Name of more than one river in Scotland. This ancient cut gem shows the mark of
- an old wound.

 Forty winks.

 Nothing _____, nothing 18 down, according to the proverb.

 Craft used by Mediterranean pirates.
- 16. Belts.
- Belts.

 See 11 down.

 "The wills above be done! but I would fain die a death." ("The Tempest," Act 1, Sc. 1).

 "This is the man all and torn Who loved the maiden all forlorn." (Nursery Rhyme).

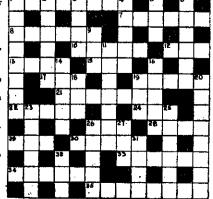
 Eastern spirituous liquor.

 Hen wit. (anag.).

 Polonius met his death behind it.

- 23. Pelo wit. (ang.).
 26. Polonius met his death behind it.
 27. Small cask.
 31. "O God! Horatio, what a wounded Things standing thus unknown, shall live behind me." ("Hamlet," Act 5, Sc. 2).
 32. Curved part of 34 across.

No. 384 (Constructed by R.W.C.)



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