

## "PANEL DC3"

### Pulse of Empire Exchange Broadcasts

DC3 was used for the first time during the 1934 Christmas broadcast, or, as it is better known, the Empire Exchange, and is the third dramatic control panel to be installed in Broadcasting House. This panel, which embodies many features not included in the two earlier panels, was designed by

Mr. J. A. G. Mitchell, one of the B.B.C. design engineers.

The DC rooms at Broadcasting House are equipped with red and blue lights, inside and out of each room, and the wiring of each room provides for rehearsal or actual transmission. Indicators for return lights, to operate from studios in which orchestral music is performed co-jointly with dramatic items, are provided, as also is a loud speaker to enable the production to be heard. A telephone and microphone are installed as part of the equipment of each panel. The two earlier DC panels at Broadcasting House had 11 fade controls, DC3 has 15. The centre

of the panel contains a master fade control, on each side of which is a group of seven.

There is more in DC3 than in the previous controls, for it is a central exchange. For a broadcast as that of the jubilee, the return circuit for DC3 is often by radio link. An oscillating howl is always a possibility during the feed-back of a programme to its source along a transmission chain, but DC3 does not allow howls because, while an individual programme source is operating, it cannot be fed back to its associated return circuit. It is one of those masterpieces of Broadcasting House which must not be described in detail.

## "GOLDEN HOUR" WEEKLY COMPETITION No. 15

# \$50

## IN CASH PRIZES

### MUST-BE-WON

FIRST  
PRIZE

# £40

SECOND  
PRIZE

# \$10

# 1!

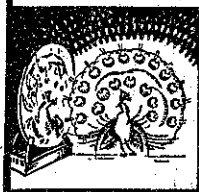




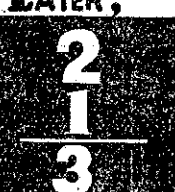


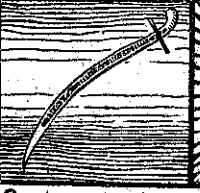
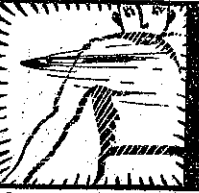

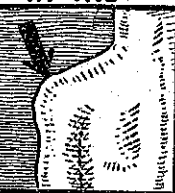
**TO SOLVE THE PUZZLE:**—Each picture represents ONE DIFFERENT WORD ONLY. Look at Picture No. 1. ABOVE it you see "After" and the picture represents "VAIN," making "After VAIN." Now carry on and when you get to the last picture you will have a statement about "A RIOT" taken from a N.Z. Daily Paper. Fill in BLANK SPACES UNDER EACH PICTURE, add name and address in place provided (P.O. addresses not accepted). Extra attempts on plain paper giving missing words only. IF YOU MUTILATE THE NEWSPAPER COPY USE PLAIN PAPER. Several words are given to help you. First prize for correct or nearest correct solution.

**CLOSING DATE.**  
**All Entries Must Be**  
**Posted Not Later than**  
**TUESDAY, JULY 9.**

Address:  
"Golden Hour" Competition,  
No. 15,  
Box 1205, CHRISTCHURCH  
C.I.

ONE ENTRY 1/-,  
EACH EXTRA ENTRY 6d

Second prize for next nearest. Ties divide, but the full £50 will be paid. One prize or share of a prize to any one entrant. Sealed solution and prize money is deposited with N.Z. TRUTH LTD. Results will be published in this paper July 17. (Stamps 1/1 accepted if postal notes unobtainable.) Any number of attempts can be sent in the one envelope. N.B.—In composing this puzzle every effort has been made to avoid true alternatives and it is believed there are none. Should, however, competitors consider there are any, they are advised to submit additional entries. Test your skill in this simple puzzle to-day. FOR QUICK RESULTS AND PRINTED ENTRY FORMS SEND 1d STAMPED SELF-ADDRESSED ENVELOPE.

<b>AFTER</b>	<b>APPEALS TO THE</b>	<b>AND</b>	<b>FOUR TIMES IN THE AIR, THE</b>	<b>FIRE A VOLLEY, WOUNDING SEVERAL</b>	<b>AND KILLING TWO. LATER,</b>
					
1. <b>VAIN</b>	2.	3.	4.	5. <b>PERSONS</b>	6.
<b>OTHERS</b>	<b>ABOUT 20 WERE</b>	<b>IN THE</b>	<b>CHARGES. A BULLET</b>	<b>A GENERAL'S</b>	<b>AND ANOTHER HIT A COLONEL IN THE</b>
					
7.	8.	9.	10.	11.	12. <b>SHOULDER.</b>

**GOLDEN HOUR COMPETITION No 15**

**NAME:**

**ADDRESS:**

Solution to Competition No. 13 taken from Lyttelton Times May 3, 1910. Pictures:—1 RAINS. 2 LOOSENE. 3 OVER. 4 ROOF. 5 TUNNEL. 6 STRAIN. 7 TIMBERING. 8 COLLAPSED. 9 HUNDREDS. 10 TONS. 11 ROCK. 12 BARTH.

**FIRST PRIZE £40 DIVIDED BETWEEN:**—S. Blackler, 219 Milton St., Sydenham; Mrs H. Hills, 459 Worcester St., Christchurch; J. G. Taylor, 69 Ruskin St., Christchurch; C. A. Gooby, 36 Brougham St., Sydenham. Each £10 for correct solution.

**SECOND PRIZE £10 DIVIDED BETWEEN:**—Mrs J. Annis, A. S. Atkins, Mrs D. C. Bosselman, Mrs L. Blanchett, Mrs S. Bennett, N. Bryce, E. Berry, F. W. Bergman, A. Choat, Mrs M. Edmondson, A. Gozar, J. Gow, J. B. Hogg, H. E. Hoyle, Mrs J. Hunter, Mrs W. Ireland, Mrs H. Jackson, Miss L. Lagan, Mrs E. H. Lilley, E. S. McCleary, A. McGregor, E. J. McDowell, A. Mills, Mrs E. W. Miles, Mrs I. Olsen, Mrs Fayton, S. C. Shedden, A. H. Smith, Waitoa, J. W. Thomson, E. A. Upchurch, Mrs R. Wadsworth, Eone Waring, C. W. Webber. Each 6/1 for ONE ERROR. WINNERS' ENTRIES HAVE BEEN CHECKED AND PRIZES POSTED BY TRUTH (N.Z.) LTD.