

# RELAY DESIGN FOR CIRCUIT GBW 13900 SHEET 1 OF 2

TITLE UAX NZ 13 FINAL SELECTOR

COMMITTEE'S WIRING DIAGRAM N° \_\_\_\_\_

| RELAY NAME | COMM. CODE | IF NEW CODE (card attached) | DEPARTURES FROM DIAGRAM |          | SPRING NUMBERING CONTACT UNIT NUMBER |        |        |          |          |          |          |          | REFERENCES TO NOTES BELOW |  |  |       |
|------------|------------|-----------------------------|-------------------------|----------|--------------------------------------|--------|--------|----------|----------|----------|----------|----------|---------------------------|--|--|-------|
|            |            |                             | RESISTANCE              | CONTACTS | 1                                    | 2      | 3      | 4        | 5        | 6        | 7        | 8        |                           |  |  |       |
| A          | 1426A      |                             |                         |          | 3<br>2                               |        |        |          |          |          |          |          |                           |  |  | B     |
| G          | 1543P      |                             |                         |          |                                      | 2<br>1 | 3<br>4 | 5<br>6   | 23<br>22 | 26<br>25 |          |          |                           |  |  |       |
| B          | 1688       |                             |                         |          |                                      |        | 3      | 7<br>6   | 22<br>21 | 24<br>23 | 26<br>25 |          |                           |  |  |       |
| F          | 1575       |                             |                         |          |                                      | 2<br>1 | 5<br>4 | 8<br>7   | 22<br>21 | 25<br>24 | 27<br>26 | 29<br>28 |                           |  |  | 1.(B) |
| E          | 1560       |                             |                         |          |                                      | 1      | 5<br>4 | 8<br>7   | 22<br>21 | 24<br>23 | 27<br>26 |          |                           |  |  |       |
| J          | 4250       |                             |                         |          |                                      | 2<br>1 | 5<br>4 | 22<br>21 | 24<br>23 |          |          |          |                           |  |  |       |
| OC         | 1576       |                             |                         |          |                                      | 3<br>2 |        |          |          |          |          |          |                           |  |  |       |
| TO         | 1738       |                             |                         |          |                                      | 2<br>1 | 4<br>3 | 22<br>21 | 24<br>23 |          |          |          |                           |  |  | 2.(B) |
| H          | 1561       |                             |                         |          |                                      | 2<br>1 | 5<br>4 | 8<br>7   | 22<br>21 | 25<br>24 | 28<br>26 | 21       |                           |  |  |       |
| CD         | 1756       |                             |                         |          |                                      | 2<br>1 | 5<br>4 | 8<br>7   | 22<br>21 | 25<br>24 |          |          |                           |  |  |       |

NOTES SPECIAL FACTORS OF SAFETY A  
 SPECIAL ADJUSTMENTS B  
 CIRCUIT POINTS OR MODIFICATIONS C

| CLASS                | RELAY                                                                                                                                                                                                                                                                                                                                                                                                                                           | NOTES                                                                                                                                                                     |      |          |                      |                            |   |   |    |   |   |      |      |   |    |   |    |    |    |    |     |  |     |                                                                                                                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|----------------------|----------------------------|---|---|----|---|---|------|------|---|----|---|----|----|----|----|-----|--|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1.(B). SPRINGS 21,22 ARE 'X' ADJUSTED.<br>2.(B). SPRINGS 23,24 ARE 'Y' ADJUSTED.                                                                                          |      |          |                      |                            |   |   |    |   |   |      |      |   |    |   |    |    |    |    |     |  |     |                                                                                                                                                                                                             |
|                      | <table border="1" style="display: inline-table; vertical-align: top;"> <tr><td>(GA)</td><td>R</td></tr> <tr><td>A</td><td>1/2/3</td></tr> <tr><td>G</td><td>H</td></tr> <tr><td>B</td><td>CD</td></tr> <tr><td>F</td><td>D</td></tr> <tr><td>(GB)</td><td>(GB)</td></tr> <tr><td>E</td><td>HS</td></tr> <tr><td>J</td><td>HR</td></tr> <tr><td>OC</td><td>TM</td></tr> <tr><td>TO</td><td>MR1</td></tr> <tr><td></td><td>MR2</td></tr> </table> | (GA)                                                                                                                                                                      | R    | A        | 1/2/3                | G                          | H | B | CD | F | D | (GB) | (GB) | E | HS | J | HR | OC | TM | TO | MR1 |  | MR2 | W 440/4C<br>RB1 PO. N°1.<br>C1 2uF<br>C2 2uF<br>C3 (R8) 14uF (200n)<br>R1 150n (9)<br>R2 200n (9)<br>R3 200n (9)<br>R4 400n (9)<br>R5 1500n (12)<br>R6 2000n (12)<br>R7 1000n (12)<br>MR1 1/6A<br>MR2 2P/6A |
| (GA)                 | R                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                           |      |          |                      |                            |   |   |    |   |   |      |      |   |    |   |    |    |    |    |     |  |     |                                                                                                                                                                                                             |
| A                    | 1/2/3                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                           |      |          |                      |                            |   |   |    |   |   |      |      |   |    |   |    |    |    |    |     |  |     |                                                                                                                                                                                                             |
| G                    | H                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                           |      |          |                      |                            |   |   |    |   |   |      |      |   |    |   |    |    |    |    |     |  |     |                                                                                                                                                                                                             |
| B                    | CD                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                           |      |          |                      |                            |   |   |    |   |   |      |      |   |    |   |    |    |    |    |     |  |     |                                                                                                                                                                                                             |
| F                    | D                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                           |      |          |                      |                            |   |   |    |   |   |      |      |   |    |   |    |    |    |    |     |  |     |                                                                                                                                                                                                             |
| (GB)                 | (GB)                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                           |      |          |                      |                            |   |   |    |   |   |      |      |   |    |   |    |    |    |    |     |  |     |                                                                                                                                                                                                             |
| E                    | HS                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                           |      |          |                      |                            |   |   |    |   |   |      |      |   |    |   |    |    |    |    |     |  |     |                                                                                                                                                                                                             |
| J                    | HR                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                           |      |          |                      |                            |   |   |    |   |   |      |      |   |    |   |    |    |    |    |     |  |     |                                                                                                                                                                                                             |
| OC                   | TM                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                           |      |          |                      |                            |   |   |    |   |   |      |      |   |    |   |    |    |    |    |     |  |     |                                                                                                                                                                                                             |
| TO                   | MR1                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                           |      |          |                      |                            |   |   |    |   |   |      |      |   |    |   |    |    |    |    |     |  |     |                                                                                                                                                                                                             |
|                      | MR2                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                           |      |          |                      |                            |   |   |    |   |   |      |      |   |    |   |    |    |    |    |     |  |     |                                                                                                                                                                                                             |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <table border="1" style="width: 100%;"> <tr> <td>DATE</td> <td>23-11-53</td> </tr> <tr> <td>SIGNED FOR COMMITTEE</td> <td><i>AWJ</i><br/>A.T.R. COMP.</td> </tr> </table> | DATE | 23-11-53 | SIGNED FOR COMMITTEE | <i>AWJ</i><br>A.T.R. COMP. |   |   |    |   |   |      |      |   |    |   |    |    |    |    |     |  |     |                                                                                                                                                                                                             |
| DATE                 | 23-11-53                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                           |      |          |                      |                            |   |   |    |   |   |      |      |   |    |   |    |    |    |    |     |  |     |                                                                                                                                                                                                             |
| SIGNED FOR COMMITTEE | <i>AWJ</i><br>A.T.R. COMP.                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                           |      |          |                      |                            |   |   |    |   |   |      |      |   |    |   |    |    |    |    |     |  |     |                                                                                                                                                                                                             |

RELAY G WAS  
 11125 P  
 1552 9-12-53

