

**SENCORE'S**

**TUBE  
SET-UP  
BOOK**

**for the**

**TC162**

**Mighty Mite VII**

**Tube Tester**

**&**

**TC28**

**Hybrider**

**Tube & Transistor  
Tester**

**SENCORE**

3200 SENCORE DR., SIOUX FALLS, S.D. 57107

# CONTROLS

**A Switch:** The A switch is actually a row of 10 slide switches. Each slide switch will isolate the pin on the tube socket corresponding to its number, when switch is in down position.

**B Switch:** The B switch selects the filament voltage to be applied to the tube under test. Set the B switch to the range of filament voltage that includes the voltage indicated in the setup chart.

**C Switch:** The C LOAD switch selects the correct applied voltage and load resistance, so the tube under test can be tested at its rated current.

**D Switch:** The D SETUP switch selects the control grid of the tube under test for the emission and grid leakage test, and is rotated to check shorts.

## OPERATING INSTRUCTIONS

With no tube in any socket set the FUNCTION switch to the SHORTS position, and adjust the METER ZERO for a zero indication on the meter.

Set the A, B, C, and D switches according to the set up chart and insert the tube in the socket indicated. Use the cap lead if the tube has a top cap.

**CHECK SHORTS** — Rotate the D SETUP switch to all positions, and observe the shorts indicator. The unit will indicate shorts on both electrodes if tube is shorted or has excessive leakage. Disregard any faint flashes in the short indicator. Tubes marked with an asterick (\*) in the set up chart will show a normal short or leakage. This is because the filament on the tube under test is being picked up on some pin other than the standard filament connections in the test socket.

**CHECK EMISSION** — Rotate the **FUNCTION SWITCH** to the **EMISSION** position and return the **D SETUP** switch to the position indicated in the set up chart, and read the top scale on the meter. If the tube has good emission, make the life test.

**LIFE TEST** — Retain proper set up for the emission test, and push the **LIFE TEST** slide switch. The emission reading on a tube that is filament sensitive will quickly start to drop. If the emission reading drops into the questionable area with the **LIFE TEST** switch pushed, the tube should be rejected.

When replacing a costly horizontal output tube in a television receiver, it is a good idea to check the horizontal oscillator tube for emission, filament sensitive cathode, and for warm up time. If the horizontal oscillator tube is slower in warming up due to a weak cathode or filament sensitive cathode, the output tube will draw heavy current and its life will be shortened considerably. Checking the warm up time of the oscillator tube and making sure that it is as fast or faster than the output tube can reduce the chance of a call back later for the same trouble and keep your customer's confidence high in your service ability.

**CHECK LEAKAGE** — Retain proper set up for the emission test, rotate the **FUNCTION** switch to the **GRID LEAKAGE** position and read the bottom scale on the meter. If the meter reads in the green area, the leakage in the tube is acceptable. If the meter reads in the questionable (?) area, the tube will probably function in circuit, but should be replaced to prevent trouble in the future. Remember to make the leakage test on dual diodes such as the 6AL5, because any unbalance in the leakage on this type of tube could cause the critical horizontal AFC or burst phase detector circuits to malfunction.

| TUBE                                      | A                   | B | C | D  | SKT |
|-------------------------------------------|---------------------|---|---|----|-----|
| 1A3                                       | 2,5                 | 1 | J | 6  | 7   |
| 1A5                                       | 1,6,8               | 1 | F | 5  | 1   |
| 1A7                                       |                     | 1 | G | 5  | 1   |
| 1AB5                                      | 7                   | 1 | E | 6  | 9   |
| 1AB6                                      | 7                   | 1 | F | 4  | 7   |
| 1AC6                                      |                     | 1 | F | 4  | 7   |
| 1AD2                                      | 1,2,3,5,6,7,8,9     | 1 | H | 10 | 10  |
| 1AE4                                      | 5                   | 1 | G | 6  | 7   |
| 1AF4                                      | 5                   | 1 | F | 6  | 7   |
| 1AF5                                      |                     | 1 | G | 6  | 7   |
|                                           |                     | 1 | H | 3  | 7   |
| 1AF33                                     |                     | 1 | G | 3  | 7   |
|                                           |                     | 1 | G | 6  | 7   |
| 1AF34                                     |                     | 1 | G | 3  | 7   |
|                                           |                     | 1 | G | 6  | 7   |
| 1AH5                                      |                     | 1 | G | 6  | 7   |
|                                           |                     | 1 | H | 3  | 7   |
| 1AJ2                                      | 1,2,3,4,5,6,7,8,9,0 | 1 | H | 10 | 10  |
| 1AJ4                                      | 5                   | 1 | G | 6  | 7   |
| 1AM4                                      | 5                   | 1 | G | 6  | 7   |
| 1AN5                                      | 5                   | 1 | G | 6  | 7   |
| 1AQ5                                      | 5                   | 1 | G | 4  | 7   |
| 1AR5                                      |                     | 1 | G | 6  | 7   |
|                                           |                     | 1 | H | 3  | 7   |
| 1AS5                                      |                     | 1 | G | 6  | 7   |
| 1AU2                                      | 2,3,6,7,8           | 1 | H | 1  | 8   |
| 1AU3                                      | 1,3,4,5,6,8         | 1 | J | 10 | 1   |
| 1AX2                                      | 1,3,6,7             | 1 | J | 10 | 8   |
| 1AY2                                      |                     | 1 | J | 10 | 3   |
| Insert leads into pins 1&5, use top cap   |                     |   |   |    |     |
| 1B3                                       | 1,3,4,5,6,8         | 1 | H | 10 | 1   |
| 1B7                                       |                     | 1 | G | 5  | 1   |
| 1B8                                       |                     | 1 | F | 5  | 1   |
| 1BC2                                      | 1,2,3,6,7,8,9       | 1 | J | 10 | 8   |
| 1BG2                                      |                     | 1 | J | 10 | 3   |
| Insert leads into pins 1 & 5, use top cap |                     |   |   |    |     |
| 1BH2                                      | 1,2,3,6,7,8,9,      | 1 | J | 10 | 8   |
| 1BK2                                      | 1,3,6,7             | 1 | J | 10 | 8   |
| 1BL2                                      |                     | 1 | J | 10 | 3   |
| Insert leads into pins 1&5, use top cap   |                     |   |   |    |     |
| 1BX2                                      | 1,3,6,7             | 1 | H | 10 | 8   |
| 1BY2                                      | 1,2,5,6,8,9         | 1 | H | 10 | 10  |

| TUBE  | A                   | B | C | D  | SKT |
|-------|---------------------|---|---|----|-----|
| 1C1   | 5                   | 1 | F | 4  | 7   |
| 1C2   |                     | 1 | F | 4  | 7   |
| 1C3   | 2                   | 1 | F | 4  | 7   |
| 1C5   | 1,6,8               | 1 | F | 5  | 1   |
| 1C7   |                     | 2 | F | 5  | 1   |
| 1D5   |                     | 2 | F | 10 | 1   |
| 1D7   |                     | 2 | F | 5  | 1   |
| 1D8   |                     | 1 | F | 5  | 1   |
|       |                     | 1 | G | 10 | 1   |
| 1D13  | 2,5                 | 1 | J | 6  | 7   |
| 1DG3* | 2,4,5,6             | 1 | H | 10 | 2   |
|       | Normal short 3, H-K |   |   |    |     |
| 1DN5  |                     | 1 | F | 6  | 7   |
|       |                     | 1 | H | 4  | 7   |
| 1DY4  | 6,7                 | 1 | D | 2  | 4   |
| 1E3   | 3                   | 1 | D | 1  | 3   |
| 1E4   |                     | 1 | F | 5  | 1   |
| 1E5   |                     | 2 | G | 10 | 1   |
| 1E7   |                     | 2 | E | 4  | 1   |
| 1F1   | 5                   | 1 | G | 6  | 7   |
| 1F2   | 5                   | 1 | F | 6  | 7   |
| 1F3   | 5                   | 1 | F | 6  | 7   |
| 1F5   | 1,6,8               | 1 | F | 5  | 1   |
| 1F7   | 1,3,4,5,6,8         | 2 | G | 10 | 1   |
| 1F33  |                     | 1 | F | 6  | 7   |
| 1F34  |                     | 1 | F | 6  | 7   |
| 1FD1  | 2                   | 1 | G | 6  | 7   |
|       | 2                   | 1 | H | 3  | 7   |
| 1FD9  |                     | 1 | G | 6  | 7   |
|       |                     | 1 | H | 3  | 7   |
| 1G3   | 1,3,4,5,6,8         | 1 | H | 10 | 1   |
| 1G4   |                     | 1 | F | 5  | 1   |
| 1G5   | 1,6,8               | 2 | F | 5  | 1   |
| 1G6   |                     | 1 | F | 4  | 1   |
|       |                     | 1 | F | 5  | 1   |
| 1H2   | 1,2,3,6,7,8,9       | 1 | H | 10 | 8   |
| 1H4   | 4,6                 | 1 | F | 5  | 1   |
| 1H5   |                     | 1 | G | 10 | 1   |
|       |                     | 1 | G | 5  | 1   |

| <b>TUBE</b> | <b>A</b>    | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-------------|-------------|----------|----------|----------|------------|
| <b>1H6</b>  |             | 2        | F        | 6        | 1          |
|             |             | 2        | G        | 5        | 1          |
|             |             | 2        | G        | 4        | 1          |
| <b>1H33</b> | 5           | 1        | F        | 6        | 7          |
| <b>1H34</b> | 5           | 1        | F        | 6        | 7          |
| <b>1H35</b> |             | 1        | G        | 4        | 7          |
| <b>1J3</b>  | 1,3,4,5,6,8 | 1        | H        | 10       | 1          |
| <b>1J5</b>  |             | 2        | E        | 5        | 1          |
| <b>1J6</b>  |             | 2        | F        | 4        | 1          |
|             |             | 2        | F        | 5        | 1          |
| <b>1K3</b>  | 1,3,4,5,6,8 | 1        | H        | 10       | 1          |
| <b>1K5</b>  | 1,5,6,8     | 2        | F        | 10       | 1          |
| <b>1K7</b>  | 1,8,        | 2        | F        | 10       | 1          |
| <b>1L4</b>  | 5           | 1        | F        | 6        | 7          |
| <b>1L5</b>  | 1,6,8       | 2        | D        | 5        | 1          |
| <b>1L6</b>  |             | 1        | G        | 4        | 7          |
| <b>1L33</b> |             | 1        | E        | 3        | 7          |
| <b>1L34</b> |             | 1        | F        | 3        | 7          |
| <b>1LA4</b> |             | 1        | F        | 6        | 9          |
| <b>1LA6</b> |             | 1        | F        | 4        | 9          |
| <b>1LB4</b> | 4           | 1        | F        | 6        | 9          |
| <b>1LB6</b> |             | 1        | F        | 6        | 9          |
| <b>1LC5</b> | 5           | 1        | F        | 6        | 9          |
| <b>1LC6</b> |             | 1        | F        | 4        | 9          |
| <b>1LD5</b> |             | 1        | G        | 4        | 9          |
|             |             | 1        | G        | 6        | 9          |
| <b>1LE3</b> | 5           | 1        | F        | 6        | 9          |
| <b>1LF3</b> | 5           | 1        | F        | 6        | 9          |
| <b>1LG5</b> | 5           | 1        | F        | 6        | 9          |
| <b>1LH4</b> |             | 1        | F        | 6        | 9          |
|             |             | 1        | G        | 4        | 9          |
| <b>1LN5</b> | 5           | 1        | G        | 6        | 9          |
| <b>1M5</b>  |             | 2        | F        | 10       | 1          |
| <b>1N2</b>  | 1,3,4,5,6,8 | 1        | H        | 10       | 1          |
| <b>1N5</b>  |             | 1        | F        | 10       | 1          |
| <b>1N6</b>  |             | 1        | F        | 5        | 2          |
|             |             | 1        | F        | 6        | 2          |
| <b>1P1</b>  | 5           | 3        | G        | 6        | 7          |
| <b>1P5</b>  |             | 1        | F        | 10       | 1          |
| <b>1P10</b> | 2,5,6       | 3        | F        | 3        | 7          |
| <b>1P11</b> | 5           | 3        | F        | 6        | 7          |

| <b>TUBE</b>                             | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-----------------------------------------|---------------------|----------|----------|----------|------------|
| <b>1Q5</b>                              |                     | 1        | E        | 5        | 1          |
| <b>1R</b>                               | 1,8                 | 1        | H        | 10       | 1          |
| <b>1R4</b>                              |                     | 1        | H        | 4        | 9          |
| <b>1R5</b>                              | 5                   | 1        | F        | 4        | 7          |
| <b>1R-K23</b>                           | 1,6                 | 1        | H        | 10       | 8          |
| <b>1R-K31</b>                           |                     | 1        | J        | 10       | 8          |
| <b>1R-K41</b>                           |                     | 1        | J        | 10       | 8          |
| <b>1S2</b>                              | 1,6                 | 1        | H        | 10       | 8          |
| <b>1S4</b>                              | 2,5,6               | 1        | F        | 3        | 7          |
| <b>1S5</b>                              |                     | 1        | G        | 6        | 7          |
| <b>1SA6</b>                             |                     | 1        | F        | 4        | 1          |
| <b>1SB6</b>                             |                     | 1        | G        | 8        | 1          |
|                                         |                     | 1        | G        | 5        | 1          |
| <b>1T2</b>                              |                     | 1        | H        | 10       | 3          |
| Insert leads into pins 1&5, use top cap |                     |          |          |          |            |
| <b>1T4</b>                              | 5                   | 1        | F        | 6        | 7          |
| <b>1T5</b>                              |                     | 1        | E        | 5        | 1          |
| <b>1U4</b>                              | 5                   | 1        | F        | 6        | 7          |
| <b>1U5</b>                              |                     | 1        | G        | 6        | 7          |
|                                         |                     | 1        | H        | 4        | 7          |
| <b>1U6</b>                              |                     | 1        | G        | 4        | 7          |
| <b>1V2</b>                              | 2,3,6,7,8,9         | 1        | H        | 1        | 8          |
| <b>1W4</b>                              |                     | 1        | F        | 6        | 7          |
| <b>1X2</b>                              | 1,3,6,7             | 1        | H        | 10       | 8          |
| <b>1Y32</b>                             | 2,3,4,5,6           | 1        | H        | 10       | 7          |
| <b>1Z1</b>                              | 1,3,4,5,6,8         | 1        | H        | 10       | 1          |
| <b>1Z2</b>                              | 2,3,4,5,6           | 1        | H        | 10       | 7          |
| <b>2A4</b>                              | 4,6                 | 2        | F        | 5        | 1          |
| <b>2A7</b>                              |                     | 3        | F        | 5        | 7          |
| <b>2AF4</b>                             | 6,7                 | 2        | D        | 2        | 4          |
| <b>2AH2</b>                             | 1,2,3,4,5,6,7,8,9,0 | 2        | H        | 10       | 10         |
| <b>2AS2</b>                             | 1,2,3,5,6,7,8,9     | 2        | H        | 10       | 10         |
| <b>2AV2</b>                             | 2,3,6,7,8,9         | 2        | H        | 1        | 8          |
| <b>2AZ2</b>                             | 1,3,6,7             | 2        | H        | 10       | 8          |
| <b>2B3</b>                              | 1,3,4,5,6,8         | 2        | H        | 10       | 1          |
| <b>2B7</b>                              |                     | 2        | E        | 10       | 7          |
|                                         |                     | 2        | F        | 4        | 7          |
|                                         |                     | 2        | F        | 5        | 7          |
| <b>2B25</b>                             | 2,3,5,6             | 1        | G        | 4        | 7          |
| <b>2B35</b>                             |                     | 2        | E        | 1        | 4          |
| <b>2BA2</b>                             | 2,3,6,7,8,9         | 1        | H        | 1        | 8          |

| TUBE | A                                                     | B  | C | D  | SKT |
|------|-------------------------------------------------------|----|---|----|-----|
| 2BJ2 | 1,2,3,6,7,8,9                                         | 2  | H | 10 | 8   |
| 2BN4 | 2,6                                                   | 2  | E | 7  | 4   |
| 2BU2 | 1,2,3,5,6,7,8,9                                       | 2  | H | 10 | 10  |
| 2C22 | 6                                                     | 6  | E | 10 | 1   |
| 2C26 | 6                                                     | 6  | E | 10 | 1   |
| 2C50 |                                                       | 12 | C | 1  | 2   |
|      |                                                       | 12 | C | 4  | 2   |
| 2C52 |                                                       | 12 | G | 1  | 2   |
|      |                                                       | 12 | G | 4  | 2   |
| 2C53 | 3,6                                                   | 6  | F | 5  | 1   |
| 2CN3 | 1,3,4,5,6,7,8                                         | 2  | H | 10 | 1   |
| 2CW4 |                                                       | 2  | F | 4  | 6   |
| 2CY5 | 2                                                     | 2  | E | 1  | 4   |
| 2D21 | 7                                                     | 6  | A | 6  | 4   |
|      | Check interruption of<br>emission with No. 1 A switch |    |   |    |     |
|      | 7                                                     | 6  | A | 1  | 4   |
|      | Grid leakage test                                     |    |   |    |     |
| 2DF4 | 9                                                     | 2  | B | 8  | 3   |
| 2DS4 |                                                       | 2  | G | 4  | 6   |
| 2DX4 | 6,7                                                   | 2  | D | 2  | 4   |
| 2DY4 | 6,7                                                   | 2  | D | 2  | 4   |
| 2DZ4 | 6,7                                                   | 2  | D | 2  | 4   |
| 2E24 | 1                                                     | 3  | C | 5  | 1   |
| 2E25 |                                                       | 6  | C | 5  | 1   |
| 2E26 | 4,6,8                                                 | 6  | A | 5  | 1   |
| 2E30 | 7                                                     | 6  | C | 1  | 4   |
| 2EA5 | 7                                                     | 2  | E | 1  | 4   |
| 2EG4 |                                                       | 2  | F | 4  | 6   |
| 2EN5 |                                                       | 2  | F | 2  | 4   |
|      |                                                       | 2  | F | 7  | 4   |
| 2ER5 | 7                                                     | 2  | E | 2  | 4   |
| 2ES5 | 7                                                     | 2  | E | 2  | 4   |
| 2EV5 | 7                                                     | 2  | E | 1  | 4   |
| 2FH5 | 7                                                     | 2  | E | 2  | 4   |
| 2FO5 | 7                                                     | 2  | E | 2  | 4   |
| 2FS5 | 2                                                     | 2  | D | 1  | 4   |
| 2FV6 | 2                                                     | 2  | E | 1  | 4   |
| 2FY5 | 1                                                     | 2  | E | 2  | 4   |
| 2GK5 | 7                                                     | 2  | E | 2  | 4   |
| 2GU5 | 2                                                     | 2  | E | 1  | 4   |
| 2GW5 | 6                                                     | 2  | D | 2  | 4   |

| <b>TUBE</b>         | <b>A</b>      | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------------|---------------|----------|----------|----------|------------|
| <b>2HA5</b>         | 2             | 2        | E        | 1        | 4          |
| <b>2HK5</b>         | 2             | 2        | E        | 1        | 4          |
| <b>2HM5</b>         | 2             | 2        | D        | 1        | 4          |
| <b>2HQ5</b>         | 2             | 2        | E        | 1        | 4          |
| <b>2HR8</b>         |               | 2        | F        | 9        | 3          |
| <b>2J2</b>          | 1,6           | 2        | H        | 10       | 8          |
| <b>2N-H11</b>       |               | 2        | G        | 4        | 6          |
| <b>2N-H12</b>       |               | 2        | F        | 4        | 6          |
| <b>2T4</b>          | 6,7           | 2        | D        | 2        | 4          |
| <b>2V2</b>          | 1,3,4,5,6,8   | 2        | J        | 10       | 1          |
| <b>2V3</b>          |               | 2        | H        | 10       | 1          |
| <b>2W3*</b>         |               | 2        | B        | 4        | 1          |
| Normal short 8, H-K |               |          |          |          |            |
| <b>2X3</b>          |               | 2        | B        | 10       | 1          |
| <b>3A2</b>          | 1,4,6,7       | 3        | H        | 10       | 8          |
| <b>3A3</b>          | 1,3,4,5,6,8   | 3        | H        | 10       | 1          |
| <b>3A4</b>          | 2             | 3        | F        | 4        | 7          |
| <b>3A4T</b>         | 2             | 3        | F        | 3        | 7          |
| <b>3A5</b>          | 4             | 3        | F        | 3        | 7          |
|                     | 4             | 3        | F        | 5        | 7          |
| <b>3A8</b>          | 1             | 3        | G        | 10       | 1          |
|                     | 1             | 3        | G        | 8        | 1          |
|                     | 1             | 3        | G        | 5        | 1          |
| <b>3AF4</b>         | 6,7           | 3        | D        | 2        | 4          |
| <b>3AJ8</b>         |               | 3        | E        | 2        | 3          |
|                     |               | 3        | F        | 9        | 3          |
| <b>3AL5</b>         |               | 3        | E        | 2        | 4          |
|                     |               | 3        | E        | 7        | 4          |
| <b>3AT2</b>         | 1,2,3,5,6,8,9 | 3        | H        | 10       | 10         |
| <b>3AU6</b>         |               | 3        | D        | 1        | 4          |
| <b>3AV6</b>         |               | 3        | F        | 1        | 4          |
|                     |               | 3        | G        | 5        | 4          |
|                     |               | 3        | G        | 6        | 4          |
| <b>3AW2</b>         | 1,2,3,5,6,8,9 | 3        | J        | 10       | 10         |
| <b>3AW3</b>         | 1,3,4,5,6,8   | 3        | H        | 10       | 1          |
| <b>3B2</b>          | 1,3,5,6,8     | 3        | H        | 10       | 1          |
| <b>3B5</b>          | 9             | 3        | E        | 5        | 1          |
| <b>3B7*</b>         |               | 3        | F        | 3        | 2          |
|                     |               | 3        | F        | 6        | 2          |

Normal short 1, H-K

| TUBE                    | A                   | B  | C | D  | SKT |
|-------------------------|---------------------|----|---|----|-----|
| 3BA6                    |                     | 3  | D | 1  | 4   |
| 3BC5                    | 2                   | 3  | E | 1  | 4   |
| 3BE6                    |                     | 3  | D | 1  | 4   |
| 3BF2                    | 1,2,3,5,6,7,8,9,0   | 3  | H | 10 | 10  |
| 3BH2                    | 2,3,6,7,8,9         | 3  | J | 10 | 12  |
| 3BL2                    | 1,2,3,4,5,6,7,8,9,0 | 3  | J | 10 | 10  |
| 3BM2                    | 1,2,3,4,5,6,7,8,9,0 | 3  | H | 10 | 10  |
| 3BN2                    | 1,2,3,5,6,8,9       | 3  | H | 10 | 10  |
| 3BN4                    | 2,6                 | 3  | E | 7  | 4   |
| 3BN6                    |                     | 3  | H | 5  | 4   |
| Emission and short test |                     |    |   |    |     |
|                         |                     | 3  | H | 2  | 4   |
| Grid leakage test       |                     |    |   |    |     |
| 3BS2                    | 1,2,3,5,6,7,8,9     | 3  | J | 10 | 10  |
| 3BT2                    | 1,2,3,5,6,7,8,9     | 3  | H | 10 | 10  |
| 3BU8                    |                     | 3  | D | 7  | 3   |
| 3BW2                    | 1,2,3,5,6,7,8,9     | 3  | H | 10 | 10  |
| 3B X6                   | 1                   | 3  | D | 2  | 3   |
| 3BY6                    |                     | 3  | D | 1  | 4   |
| 3BY7                    | 3                   | 3  | D | 2  | 3   |
| 3BZ6                    |                     | 3  | D | 1  | 4   |
| 3C2                     | 1,3,4,5,6,8         | 3  | H | 10 | 1   |
| 3C4                     | 5                   | 3  | G | 6  | 7   |
| 3C5                     | 8                   | 3  | F | 5  | 1   |
| 3C6                     | 7                   | 3  | F | 4  | 9   |
| 3CA3                    | 1,3,4,5,6,8         | 3  | H | 10 | 1   |
| 3CB6                    |                     | 3  | D | 1  | 4   |
| 3CD3                    | 1,3,4,5,6,8         | 3  | H | 10 | 1   |
| 3CE5                    | 2                   | 3  | E | 1  | 4   |
| 3CF6                    |                     | 3  | D | 1  | 4   |
| 3CN3                    | 1,3,4,5,6,8         | 3  | J | 10 | 1   |
| 3CS6                    |                     | 3  | D | 1  | 4   |
| 3CU3                    | 1,2,3,5,8           | 3  | H | 10 | 1   |
| 3CV3                    | 1,3,4,5,6,8         | 3  | J | 10 | 1   |
| 3CX3*                   | 2,4,5,6             | 3  | J | 10 | 2   |
| Normal short 3, H-K     |                     |    |   |    |     |
| 3CY3                    | 1,3,5,8             | 3  | H | 10 | 1   |
| 3CY5                    | 2                   | 3  | E | 1  | 4   |
| 3CZ3                    | 1,3,5,8             | 3  | H | 10 | 1   |
| 3D6                     | 7                   | 1  | E | 6  | 9   |
| 3D21                    | 1                   | 12 | C | 6  | 1   |

| <b>TUBE</b>  | <b>A</b>                         | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|----------------------------------|----------|----------|----------|------------|
| <b>3DA3*</b> | 2,4,5,6<br>Normal short 3, H-K   | 3        | F        | 10       | 2          |
| <b>3DB3</b>  | 1,3,5,8                          | 3        | H        | 10       | 1          |
| <b>3DC3</b>  | 1,3,5,7                          | 3        | J        | 10       | 1          |
| <b>3DE6</b>  |                                  | 3        | D        | 1        | 4          |
| <b>3DF3*</b> | 2,4,5,6<br>Normal short 3, H-K   | 3        | H        | 10       | 2          |
| <b>3DH3*</b> | 4,5,6<br>Normal short 3, H-K     | 3        | H        | 10       | 2          |
| <b>3DJ3</b>  | 1,3,5,8                          | 3        | H        | 10       | 1          |
| <b>3DK6</b>  |                                  | 3        | D        | 1        | 4          |
| <b>3DR3*</b> | 1,2,4,5,6<br>Normal short 3, H-K | 3        | H        | 10       | 2          |
| <b>3DS3*</b> | 1,2,4,5,6<br>Normal short 3, H-K | 3        | H        | 10       | 2          |
| <b>3DT6</b>  |                                  | 3        | E        | 1        | 4          |
| <b>3DX4</b>  | 6,7                              | 3        | D        | 2        | 4          |
| <b>3DY4</b>  | 6,7                              | 3        | D        | 2        | 4          |
| <b>3DZ4</b>  | 6,7                              | 3        | D        | 2        | 4          |
| <b>3E5</b>   | 5                                | 3        | F        | 6        | 7          |
| <b>3E6</b>   | 5                                | 3        | F        | 6        | 9          |
| <b>3E22</b>  | 3,5,6                            | 12       | A        | 2        | 2          |
| <b>3EA5</b>  | 7                                | 3        | E        | 1        | 4          |
| <b>3EH7</b>  | 3                                | 3        | D        | 2        | 3          |
| <b>3EJ7</b>  | 3                                | 3        | D        | 2        | 3          |
| <b>3ER5</b>  | 7                                | 3        | E        | 2        | 4          |
| <b>3ES5</b>  | 7                                | 3        | E        | 2        | 4          |
| <b>3EV5</b>  | 7                                | 3        | E        | 1        | 4          |
| <b>3FH5</b>  | 7                                | 3        | E        | 2        | 4          |
| <b>3FQ5</b>  | 7                                | 3        | E        | 2        | 4          |
| <b>3FS5</b>  | 2                                | 3        | D        | 1        | 4          |
| <b>3FY5</b>  | 1                                | 3        | E        | 2        | 4          |
| <b>3G10</b>  | 3,5,6<br>Normal short 7, H-K     | 6        | F        | 1        | 9          |
| <b>3GK5</b>  | 7                                | 3        | E        | 2        | 4          |
| <b>3GS8</b>  |                                  | 3        | D        | 7        | 3          |
| <b>3GU5</b>  | 2                                | 3        | D        | 1        | 4          |
| <b>3GW5</b>  | 6                                | 3        | D        | 2        | 4          |
| <b>3HA5</b>  | 2                                | 3        | D        | 1        | 4          |
| <b>3HK5</b>  | 2                                | 3        | E        | 1        | 4          |
| <b>3HM5</b>  | 2                                | 3        | D        | 1        | 4          |
| <b>3HM6</b>  | 1                                | 3        | D        | 2        | 3          |

| TUBE                    | A   | B | C | D | SKT |
|-------------------------|-----|---|---|---|-----|
| 3HQ5                    | 2   | 3 | E | 1 | 4   |
| 3HS8                    |     | 3 | D | 7 | 3   |
| 3HT6                    | 1   | 3 | D | 2 | 3   |
| 3JC6                    | 1   | 3 | D | 2 | 3   |
| 3JD6                    | 1   | 3 | D | 2 | 3   |
| 3JH6                    |     | 3 | D | 1 | 4   |
| 3KF8                    |     | 3 | D | 7 | 3   |
| 3KT6                    | 3   | 3 | D | 2 | 3   |
| 3LE4                    | 7   | 3 | E | 6 | 9   |
| 3LF4                    | 7   | 3 | E | 6 | 9   |
| 3M-P26                  |     | 3 | F | 1 | 4   |
| 3M-R24                  |     | 3 | D | 1 | 4   |
| 3M-V7                   |     | 3 | D | 1 | 4   |
| 3Q4                     | 5,6 | 3 | F | 3 | 7   |
| 3Q5                     | 8   | 3 | E | 5 | 1   |
| 3S4                     | 5,6 | 3 | F | 3 | 7   |
| 3V4                     | 5   | 3 | F | 6 | 7   |
| 3W4                     | 5,6 | 3 | F | 3 | 7   |
| 3Z4                     | 5,6 | 3 | F | 3 | 7   |
| 4A6                     | 8   | 4 | G | 5 | 1   |
|                         | 8   | 4 | G | 4 | 1   |
| 4AF4                    | 6,7 | 4 | D | 2 | 4   |
| 4AG6                    | 1,8 | 4 | G | 5 | 1   |
|                         | 1,8 | 4 | G | 4 | 1   |
| 4AU6                    |     | 4 | D | 1 | 4   |
| 4AV6                    |     | 4 | F | 1 | 4   |
|                         |     | 4 | G | 5 | 4   |
|                         |     | 4 | G | 6 | 4   |
| 4BA6                    |     | 4 | D | 1 | 4   |
| 4BC5                    | 2   | 4 | E | 1 | 4   |
| 4BC8                    | 9   | 4 | E | 2 | 3   |
|                         | 9   | 4 | E | 7 | 3   |
| 4BE6                    |     | 4 | D | 1 | 4   |
| 4BL8                    |     | 4 | D | 2 | 3   |
|                         |     | 4 | D | 9 | 3   |
| 4BN4                    | 2,6 | 4 | E | 7 | 4   |
| 4BN6                    |     | 4 | H | 5 | 4   |
| Emission and short test |     |   |   |   |     |
|                         |     | 4 | H | 2 | 4   |
| Grid leakage test       |     |   |   |   |     |
| 4BQ7                    | 9   | 4 | E | 2 | 3   |
|                         | 9   | 4 | E | 7 | 3   |

| <b>TUBE</b> | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-------------|----------|----------|----------|----------|------------|
| <b>4BS8</b> | 9        | 4        | E        | 2        | 3          |
|             | 9        | 4        | E        | 7        | 3          |
| <b>4BU8</b> |          | 4        | D        | 7        | 3          |
| <b>4BX8</b> | 9        | 4        | E        | 2        | 3          |
|             | 9        | 4        | E        | 7        | 3          |
| <b>4BY6</b> |          | 4        | D        | 1        | 4          |
| <b>4BZ6</b> |          | 4        | D        | 1        | 4          |
| <b>4BZ7</b> | 9        | 4        | E        | 2        | 3          |
|             | 9        | 4        | E        | 7        | 3          |
| <b>4BZ8</b> | 9        | 4        | E        | 2        | 3          |
|             | 9        | 4        | E        | 7        | 3          |
| <b>4CB6</b> |          | 4        | D        | 1        | 4          |
| <b>4CE5</b> | 2        | 4        | E        | 1        | 4          |
| <b>4CF6</b> |          | 4        | D        | 1        | 4          |
| <b>4CM4</b> | 3        | 4        | E        | 6        | 8          |
| <b>4CS6</b> |          | 4        | E        | 1        | 4          |
| <b>4CX7</b> | 8        | 4        | E        | 2        | 3          |
|             | 8        | 4        | E        | 7        | 3          |
| <b>4CY5</b> | 2        | 4        | E        | 1        | 4          |
| <b>4DE6</b> |          | 4        | D        | 1        | 4          |
| <b>4DK6</b> |          | 4        | D        | 1        | 4          |
| <b>4DL4</b> | 3,6,7,8  | 6        | D        | 1        | 3          |
| <b>4DT6</b> |          | 4        | E        | 1        | 4          |
| <b>4EH7</b> | 3        | 4        | D        | 2        | 3          |
| <b>4EJ7</b> | 3        | 4        | D        | 2        | 3          |
| <b>4ES8</b> | 9        | 4        | D        | 2        | 3          |
|             | 9        | 4        | D        | 7        | 3          |
| <b>4EW6</b> |          | 4        | D        | 1        | 4          |
| <b>4FQ5</b> | 7        | 4        | E        | 2        | 4          |
| <b>4FS7</b> | 3        | 4        | D        | 2        | 3          |
|             | 3        | 4        | D        | 6        | 3          |
| <b>4FY5</b> | 6        | 4        | E        | 2        | 4          |
| <b>4GJ7</b> | 3        | 4        | D        | 2        | 3          |
|             | 3        | 4        | E        | 9        | 3          |
| <b>4GK5</b> | 7        | 4        | E        | 2        | 4          |
| <b>4GM6</b> |          | 4        | D        | 1        | 4          |
| <b>4GS7</b> | 3        | 4        | D        | 1        | 3          |
|             | 3        | 4        | D        | 9        | 3          |
| <b>4GS8</b> |          | 4        | D        | 7        | 3          |
| <b>4GW5</b> | 6        | 4        | D        | 2        | 4          |

| TUBE   | A | B | C | D | SKT |
|--------|---|---|---|---|-----|
| 4GX7   | 3 | 4 | D | 2 | 3   |
|        | 3 | 4 | D | 9 | 3   |
| 4GZ5   | 5 | 4 | C | 2 | 4   |
| 4HA5   | 2 | 4 | E | 1 | 4   |
| 4HA7   | 5 | 4 | E | 9 | 10  |
|        | 5 | 4 | E | 1 | 10  |
| 4HC7   | 7 | 4 | D | 9 | 10  |
|        | 7 | 4 | G | 1 | 10  |
| 4HG8   | 3 | 4 | D | 2 | 3   |
|        | 3 | 4 | D | 6 | 3   |
| 4HK5   | 2 | 4 | E | 1 | 4   |
| 4HM5   | 2 | 4 | D | 1 | 4   |
| 4HM6   | 1 | 4 | D | 2 | 3   |
| 4HQ5   | 2 | 4 | E | 1 | 4   |
| 4HR8   |   | 4 | F | 9 | 3   |
| 4HS8   |   | 4 | D | 7 | 3   |
| 4HT6   | 1 | 4 | D | 2 | 3   |
| 4JC6   | 1 | 4 | D | 2 | 3   |
| 4JD6   | 1 | 4 | D | 2 | 3   |
| 4JH6   |   | 4 | D | 1 | 4   |
| 4JK6   |   | 4 | D | 1 | 4   |
| 4JL6   |   | 4 | D | 1 | 4   |
| 4JW8   |   | 4 | D | 9 | 3   |
|        |   | 4 | C | 2 | 3   |
| 4KE8   |   | 4 | D | 9 | 3   |
|        |   | 4 | E | 2 | 3   |
| 4KF8   |   | 4 | D | 7 | 3   |
| 4KN8   | 9 | 4 | D | 2 | 3   |
|        | 9 | 4 | D | 7 | 3   |
| 4KT6   | 3 | 4 | D | 2 | 3   |
| 4LJ8   | 3 | 4 | D | 1 | 3   |
|        | 3 | 4 | D | 9 | 3   |
| 4LU6   |   | 4 | C | 1 | 4   |
| 4MK8   |   | 4 | E | 7 | 3   |
| 4M-P2  |   | 4 | C | 1 | 4   |
| 4M-P12 |   | 5 | C | 1 | 4   |
| 4R-HH2 |   | 4 | E | 2 | 3   |
|        |   | 4 | E | 7 | 3   |
| 4R-HH8 |   | 4 | D | 2 | 3   |
|        |   | 4 | D | 7 | 3   |

| <b>TUBE</b>    | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|----------------|---------------------|----------|----------|----------|------------|
| <b>5A6</b>     | 9                   | 5        | C        | 7        | 3          |
| <b>5A/160H</b> |                     | 6        | E        | 1        | 4          |
| <b>5AF4</b>    | 6,7                 | 5        | D        | 2        | 4          |
| <b>5AM8</b>    |                     | 5        | D        | 2        | 3          |
|                |                     | 5        | F        | 8        | 3          |
| <b>5AN8</b>    |                     | 5        | D        | 2        | 3          |
|                |                     | 5        | D        | 8        | 3          |
| <b>5AQ4</b>    |                     | 5        | B        | 4        | 1          |
|                |                     | 5        | B        | 6        | 1          |
| <b>5AQ5</b>    | 7                   | 5        | C        | 1        | 4          |
| <b>5AR4*</b>   | 1                   | 5        | A        | 4        | 1          |
|                | 1                   | 5        | A        | 6        | 1          |
|                | Normal short 8, H-K |          |          |          |            |
| <b>5AS4*</b>   | 1,3,5,7             | 5        | A        | 4        | 1          |
|                | 1,3,5,7             | 5        | A        | 6        | 1          |
|                | Normal short 8, H-K |          |          |          |            |
| <b>5AS8</b>    |                     | 5        | D        | 2        | 3          |
|                |                     | 5        | F        | 6        | 3          |
| <b>5AT4*</b>   | 1,3,5,7             | 5        | A        | 4        | 1          |
|                | 1,3,5,7             | 5        | A        | 6        | 1          |
|                | Normal short 8, H-K |          |          |          |            |
| <b>5AT8</b>    |                     | 5        | D        | 1        | 3          |
|                |                     | 5        | D        | 9        | 3          |
| <b>5AU4*</b>   | 1,3,5,7             | 5        | A        | 4        | 1          |
|                | 1,3,5,7             | 5        | A        | 6        | 1          |
|                | Normal short 8, H-K |          |          |          |            |
| <b>5AV8</b>    |                     | 5        | E        | 2        | 3          |
|                |                     | 5        | E        | 6        | 3          |
| <b>5AW4*</b>   | 1,3,5,7             | 5        | A        | 4        | 1          |
|                | 1,3,5,7             | 5        | A        | 6        | 1          |
|                | Normal short 8, H-K |          |          |          |            |
| <b>5AX4*</b>   |                     | 5        | A        | 4        | 1          |
|                |                     | 5        | A        | 6        | 1          |
|                | Normal short 8, H-K |          |          |          |            |
| <b>5AZ3</b>    | 1,2,3,4,5,8,9,0     | 5        | A        | 7        | 10         |
| <b>5AZ4</b>    | 1,3,5,7             | 5        | B        | 4        | 9          |
|                | 1,3,5,7             | 5        | B        | 6        | 9          |
| <b>5B8*</b>    |                     | 5        | D        | 2        | 3          |
|                |                     | 5        | D        | 6        | 3          |
|                | Normal short 1      |          |          |          |            |

| TUBE  | A                                       | B | C | D | SKT |
|-------|-----------------------------------------|---|---|---|-----|
| 5BC3  | 2,6,9                                   | 5 | A | 1 | 12  |
|       | 2,6,9                                   | 5 | A | 8 | 12  |
|       | Bend pin 7 out and use space for keyway |   |   |   |     |
| 5BC8  | 9                                       | 5 | E | 2 | 3   |
|       | 9                                       | 5 | E | 7 | 3   |
| 5BE8* |                                         | 5 | D | 1 | 3   |
|       |                                         | 5 | D | 9 | 3   |
|       | Normal short 3                          |   |   |   |     |
| 5BK7  | 9                                       | 5 | E | 2 | 3   |
|       | 9                                       | 5 | E | 7 | 3   |
| 5BM8  |                                         | 5 | C | 3 | 3   |
|       |                                         | 5 | F | 1 | 3   |
| 5BQ5  | 1,6,8                                   | 5 | C | 2 | 3   |
| 5BQ7  | 9                                       | 5 | E | 2 | 3   |
|       | 9                                       | 5 | E | 7 | 3   |
| 5BR8  |                                         | 5 | D | 1 | 3   |
|       |                                         | 5 | D | 9 | 3   |
| 5BS7  | 9                                       | 5 | E | 2 | 3   |
|       | 9                                       | 5 | E | 7 | 3   |
| 5BS8  | 9                                       | 5 | E | 2 | 3   |
|       | 9                                       | 5 | E | 7 | 3   |
| 5BT8  |                                         | 5 | D | 8 | 3   |
|       |                                         | 5 | G | 2 | 3   |
|       |                                         | 5 | G | 1 | 3   |
| 5BW8  |                                         | 5 | D | 6 | 3   |
|       |                                         | 5 | F | 3 | 3   |
|       |                                         | 5 | F | 1 | 3   |
| 5BX8  | 9                                       | 5 | E | 2 | 3   |
|       | 9                                       | 5 | E | 7 | 3   |
| 5BZ7  | 9                                       | 5 | E | 2 | 3   |
|       | 9                                       | 5 | E | 7 | 3   |
| 5BZ8  | 9                                       | 5 | E | 2 | 3   |
|       | 9                                       | 5 | E | 7 | 3   |
| 5CG4* | 1,3,5,7                                 | 5 | A | 4 | 1   |
|       | 1,3,5,7                                 | 5 | A | 6 | 1   |
|       | Normal short 8, H-K                     |   |   |   |     |
| 5CG8  | 3                                       | 5 | E | 1 | 3   |
|       | 3                                       | 5 | E | 9 | 3   |
| 5CL8  |                                         | 5 | D | 1 | 3   |
|       |                                         | 5 | D | 9 | 3   |
| 5CM6  | 6                                       | 5 | C | 3 | 3   |

| <b>TUBE</b>         | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------------|----------|----------|----------|----------|------------|
| <b>5CM8</b>         |          | 5        | E        | 2        | 3          |
|                     |          | 5        | F        | 9        | 3          |
| <b>5CQ8</b>         |          | 5        | D        | 9        | 3          |
|                     |          | 5        | D        | 2        | 3          |
| <b>5CR8*</b>        |          | 5        | D        | 2        | 3          |
|                     |          | 5        | E        | 9        | 3          |
| Normal short 8      |          |          |          |          |            |
| <b>5CU4*</b>        |          | 5        | A        | 4        | 1          |
|                     |          | 5        | A        | 6        | 1          |
| Normal short 8, H-K |          |          |          |          |            |
| <b>5CZ5</b>         | 2,6,8    | 5        | C        | 3        | 3          |
| <b>5DB4*</b>        | 1,3,5,7  | 5        | A        | 4        | 1          |
|                     | 1,3,5,7  | 5        | A        | 6        | 1          |
| Normal short 8 H-K  |          |          |          |          |            |
| <b>5DH8*</b>        |          | 5        | D        | 9        | 3          |
|                     |          | 5        | D        | 1        | 3          |
| Normal short 3      |          |          |          |          |            |
| <b>5DJ4</b>         | 1,3,6,8  | 5        | A        | 4        | 1          |
|                     | 1,3,6,8  | 5        | A        | 5        | 1          |
| <b>5DN4</b>         |          | 5        | A        | 4        | 1          |
|                     |          | 5        | A        | 6        | 1          |
| <b>5EA8</b>         |          | 5        | D        | 9        | 3          |
|                     |          | 5        | D        | 2        | 3          |
| <b>5EH8</b>         | 1        | 5        | D        | 2        | 3          |
|                     | 1        | 5        | D        | 7        | 3          |
| <b>5ES8</b>         |          | 5        | E        | 2        | 3          |
|                     |          | 5        | E        | 7        | 3          |
| <b>5EU8</b>         |          | 5        | D        | 2        | 3          |
|                     |          | 5        | D        | 7        | 3          |
| <b>5EW6</b>         |          | 5        | D        | 1        | 4          |
| <b>5FG7</b>         | 3        | 5        | D        | 9        | 3          |
|                     | 3        | 5        | E        | 1        | 3          |
| <b>5FV8</b>         |          | 5        | D        | 1        | 3          |
|                     |          | 5        | D        | 9        | 3          |
| <b>5GH8</b>         |          | 5        | D        | 2        | 3          |
|                     |          | 5        | D        | 9        | 3          |
| <b>5GJ7</b>         | 3        | 5        | D        | 2        | 3          |
|                     | 3        | 5        | E        | 9        | 3          |
| <b>5GM6</b>         |          | 5        | D        | 1        | 4          |
| <b>5GS7</b>         | 3        | 5        | E        | 1        | 3          |
|                     | 3        | 5        | E        | 9        | 3          |
| <b>5GX6</b>         |          | 5        | E        | 1        | 4          |

| <b>TUBE</b>    | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|----------------|---------------------|----------|----------|----------|------------|
| <b>5GX7</b>    | 3                   | 5        | D        | 2        | 3          |
|                | 3                   | 5        | D        | 9        | 3          |
| <b>5HA7</b>    | 5                   | 5        | E        | 9        | 10         |
|                | 5                   | 5        | E        | 1        | 10         |
| <b>5HB7</b>    | 3                   | 5        | D        | 2        | 3          |
|                | 3                   | 5        | D        | 9        | 3          |
| <b>5HC7</b>    | 7                   | 5        | D        | 9        | 10         |
|                | 7                   | 5        | G        | 1        | 10         |
| <b>5HG8</b>    | 3                   | 5        | D        | 2        | 3          |
|                | 3                   | 5        | D        | 6        | 3          |
| <b>5HZ6</b>    |                     | 5        | F        | 1        | 4          |
| <b>5J6</b>     |                     | 5        | E        | 5        | 4          |
|                |                     | 5        | E        | 6        | 4          |
| <b>5JK6</b>    |                     | 5        | D        | 1        | 4          |
| <b>5JL6</b>    |                     | 5        | D        | 1        | 4          |
| <b>5JW8</b>    |                     | 5        | D        | 9        | 3          |
|                |                     | 5        | C        | 2        | 3          |
| <b>5KD8</b>    |                     | 5        | D        | 2        | 3          |
|                |                     | 5        | D        | 9        | 3          |
| <b>5KE8</b>    |                     | 5        | D        | 9        | 3          |
|                |                     | 5        | E        | 2        | 3          |
| <b>5KZ8</b>    |                     | 5        | D        | 2        | 3          |
|                |                     | 5        | D        | 9        | 3          |
| <b>5LJ8</b>    | 3                   | 5        | D        | 1        | 3          |
|                | 3                   | 5        | D        | 9        | 3          |
| <b>5MB8</b>    |                     | 5        | D        | 1        | 3          |
|                |                     | 5        | E        | 9        | 3          |
| <b>5M-HH3</b>  |                     | 5        | E        | 5        | 4          |
|                |                     | 5        | E        | 6        | 4          |
| <b>5M-K9</b>   |                     | 5        | B        | 5        | 4          |
| <b>5MQ8</b>    |                     | 5        | E        | 2        | 3          |
|                |                     | 5        | D        | 9        | 3          |
| <b>5R4*</b>    | 1,3,5,7             | 5        | A        | 4        | 1          |
|                | 1,3,5,7             | 5        | A        | 6        | 1          |
|                | Normal short 8, H-K |          |          |          |            |
| <b>5R-DDH1</b> |                     | 5        | E        | 1        | 3          |
|                |                     | 5        | E        | 6        | 3          |
| <b>5RHH2</b>   | 9                   | 5        | E        | 2        | 3          |
|                | 9                   | 5        | E        | 7        | 3          |
| <b>5R-HP1</b>  |                     | 5        | D        | 2        | 3          |
|                |                     | 5        | D        | 9        | 3          |

| <b>TUBE</b>   | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|---------------------|----------|----------|----------|------------|
| <b>5R-HR1</b> |                     | 5        | D        | 2        | 3          |
|               |                     | 5        | D        | 9        | 3          |
| <b>5R-K16</b> |                     | 5        | A        | 1        | 3          |
|               |                     | 5        | A        | 8        | 3          |
| <b>5T4*</b>   | 1,3,5,7             | 5        | A        | 4        | 1          |
|               | 1,3,5,7             | 5        | A        | 6        | 1          |
|               | Normal short 8, H-K |          |          |          |            |
| <b>5T8</b>    |                     | 5        | F        | 8        | 3          |
|               |                     | 5        | G        | 2        | 3          |
|               |                     | 5        | G        | 6        | 3          |
|               |                     | 5        | G        | 1        | 3          |
| <b>5U4*</b>   | 1,3,5,7             | 5        | A        | 4        | 1          |
|               | 1,3,5,7             | 5        | A        | 6        | 1          |
|               | Normal short 8, H-K |          |          |          |            |
| <b>5U8</b>    |                     | 5        | D        | 2        | 3          |
|               |                     | 5        | D        | 9        | 3          |
| <b>5U9</b>    |                     | 5        | D        | 3        | 11         |
|               |                     | 5        | D        | 10       | 11         |
| <b>5V3*</b>   | 1,3,5,7             | 5        | A        | 4        | 1          |
|               | 1,3,5,7             | 5        | A        | 6        | 1          |
|               | Normal short 8, H-K |          |          |          |            |
| <b>5V4*</b>   | 1,3,5,7             | 5        | B        | 4        | 1          |
|               | 1,3,5,7             | 5        | B        | 6        | 1          |
|               | Normal short 8, H-K |          |          |          |            |
| <b>5V6</b>    |                     | 5        | C        | 5        | 1          |
| <b>5V9</b>    |                     | 5        | D        | 8        | 11         |
|               |                     | 5        | E        | 3        | 11         |
| <b>5W4*</b>   | 1,3,5,7             | 5        | B        | 4        | 1          |
|               | 1,3,5,7             | 5        | B        | 6        | 1          |
|               | Normal short 8, H-K |          |          |          |            |
| <b>5X4</b>    |                     | 5        | A        | 3        | 2          |
|               |                     | 5        | A        | 5        | 2          |
| <b>5X8</b>    |                     | 5        | E        | 2        | 3          |
|               |                     | 5        | E        | 7        | 3          |
| <b>5X9</b>    |                     | 5        | D        | 3        | 11         |
|               |                     | 5        | E        | 10       | 11         |
| <b>5Y3*</b>   | 1,3,5,7             | 5        | B        | 4        | 1          |
|               | 1,3,5,7             | 5        | B        | 6        | 1          |
|               | Normal short 8, H-K |          |          |          |            |
| <b>5Y4</b>    |                     | 5        | B        | 3        | 2          |
|               |                     | 5        | B        | 5        | 2          |

| <b>TUBE</b>   | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|---------------------|----------|----------|----------|------------|
| <b>5Z4*</b>   | 1,3,5,7             | 5        | A        | 4        | 1          |
|               | 1,3,5,7             | 5        | A        | 6        | 1          |
|               | Normal short 8, H-K |          |          |          |            |
| <b>5Z10*</b>  | 1,3,5,7             | 5        | A        | 4        | 1          |
|               | 1,3,5,7             | 5        | A        | 6        | 1          |
|               | Normal short 8, H-K |          |          |          |            |
| <b>6/30L2</b> |                     | 6        | D        | 2        | 3          |
|               |                     | 6        | D        | 7        | 3          |
| <b>6A5</b>    | 8                   | 6        | C        | 5        | 1          |
| <b>6A6</b>    |                     | 6        | E        | 3        | 7          |
|               |                     | 6        | E        | 5        | 7          |
| <b>6A7</b>    |                     | 6        | F        | 5        | 7          |
| <b>6A8</b>    |                     | 6        | E        | 5        | 1          |
| <b>6AB4</b>   |                     | 6        | E        | 6        | 4          |
| <b>6AB7</b>   |                     | 6        | D        | 4        | 1          |
| <b>6AB8</b>   |                     | 6        | D        | 9        | 3          |
|               |                     | 6        | F        | 2        | 3          |
| <b>6AB9</b>   |                     | 6        | D        | 1        | 11         |
|               |                     | 6        | D        | 7        | 11         |
| <b>6AC5</b>   |                     | 6        | F        | 5        | 1          |
| <b>6AC6</b>   |                     | 6        | F        | 5        | 1          |
| <b>6AC7</b>   |                     | 6        | D        | 4        | 1          |
| <b>6AC9</b>   |                     | 6        | D        | 2        | 10         |
|               |                     | 6        | D        | 3        | 10         |
|               |                     | 6        | D        | 9        | 10         |
| <b>6AC10</b>  | 8                   | 6        | E        | 1        | 10         |
|               | 8                   | 6        | E        | 7        | 10         |
|               | 8                   | 6        | E        | 9        | 10         |
| <b>6AC11</b>  |                     | 6        | E        | 3        | 10         |
|               |                     | 6        | E        | 6        | 10         |
|               |                     | 6        | C        | 8        | 10         |
| <b>6AD5</b>   |                     | 6        | F        | 5        | 1          |
| <b>6AD7</b>   |                     | 6        | G        | 1        | 1          |
|               |                     | 6        | F        | 5        | 1          |
| <b>6AD8</b>   |                     | 6        | E        | 2        | 3          |
|               |                     | 6        | G        | 8        | 3          |
|               |                     | 6        | G        | 7        | 3          |
| <b>6AD10</b>  |                     | 6        | E        | 3        | 10         |
|               |                     | 6        | C        | 8        | 10         |
| <b>6AE5</b>   |                     | 6        | G        | 5        | 1          |
| <b>6AE6</b>   |                     | 6        | F        | 5        | 1          |

| <b>TUBE</b>    | <b>A</b>    | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|----------------|-------------|----------|----------|----------|------------|
| <b>6AE7</b>    |             | 6        | F        | 4        | 1          |
|                |             | 6        | F        | 6        | 1          |
| <b>6AE8</b>    |             | 6        | E        | 2        | 3          |
|                |             | 6        | F        | 7        | 3          |
| <b>6AF3</b>    | 1,2,3,6,7,8 | 6        | A        | 9        | 3          |
| <b>6AF4</b>    | 6,7         | 6        | D        | 2        | 4          |
| <b>6AF5</b>    |             | 6        | F        | 5        | 1          |
| <b>6AF9*</b>   |             | 6        | C        | 8        | 11         |
|                |             | 6        | D        | 1        | 11         |
| Normal short 2 |             |          |          |          |            |
| <b>6AF10</b>   |             | 6        | D        | 3        | 10         |
|                |             | 6        | E        | 10       | 10         |
| <b>6AF11</b>   |             | 6        | C        | 1        | 10         |
|                |             | 6        | F        | 6        | 10         |
|                |             | 6        | F        | 3        | 10         |
| <b>6AG5</b>    | 2           | 6        | E        | 1        | 4          |
| <b>6AG6</b>    |             | 6        | F        | 5        | 1          |
| <b>6AG7</b>    |             | 6        | C        | 4        | 1          |
| <b>6AG9</b>    |             | 6        | E        | 5        | 10         |
|                |             | 6        | C        | 1        | 10         |
| <b>6AG10</b>   |             | 6        | D        | 1        | 10         |
| <b>6AG11</b>   |             | 6        | E        | 8        | 10         |
|                |             | 6        | E        | 5        | 10         |
|                |             | 6        | F        | 10       | 10         |
|                |             | 6        | F        | 3        | 10         |
| <b>6AH4</b>    |             | 6        | C        | 1        | 1          |
| <b>6AH5</b>    |             | 6        | F        | 6        | 1          |
| <b>6AH6</b>    |             | 6        | D        | 1        | 4          |
| <b>6AH7</b>    |             | 6        | F        | 1        | 2          |
|                |             | 6        | F        | 5        | 2          |
| <b>6AH9</b>    | 5           | 6        | E        | 2        | 10         |
|                | 5           | 6        | C        | 6        | 10         |
| <b>6AJ5</b>    | 2           | 6        | G        | 1        | 4          |
| <b>6AJ7</b>    |             | 6        | E        | 4        | 1          |
| <b>6AJ8</b>    |             | 6        | E        | 2        | 3          |
|                |             | 6        | E        | 9        | 3          |
| <b>6AJ9</b>    |             | 6        | C        | 3        | 11         |
|                |             | 6        | D        | 10       | 11         |
| <b>6AK5</b>    | 2           | 6        | E        | 1        | 4          |
| <b>6AK6</b>    |             | 6        | D        | 1        | 4          |
| <b>6AK7</b>    |             | 6        | C        | 4        | 1          |

| <b>TUBE</b>  | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|---------------------|----------|----------|----------|------------|
| <b>6AK8</b>  |                     | 6        | F        | 8        | 3          |
|              |                     | 6        | G        | 6        | 3          |
|              |                     | 6        | G        | 2        | 3          |
|              |                     | 6        | G        | 1        | 3          |
| <b>6AK9*</b> | 4,6                 | 6        | E        | 3        | 10         |
|              | 4,6                 | 6        | E        | 10       | 10         |
|              | 4,6                 | 6        | B        | 8        | 10         |
|              | Normal short, 7 H-K |          |          |          |            |
| <b>6AK10</b> |                     | 6        | E        | 1        | 10         |
|              |                     | 6        | E        | 7        | 10         |
|              |                     | 6        | E        | 9        | 10         |
| <b>6AL3</b>  | 1,2,3,6,7,8         | 6        | A        | 9        | 3          |
| <b>6AL5</b>  |                     | 6        | E        | 2        | 4          |
|              |                     | 6        | E        | 7        | 4          |
| <b>6AL6</b>  |                     | 6        | C        | 5        | 1          |
| <b>6AL9</b>  | 8                   | 6        | E        | 5        | 10         |
|              | 8                   | 6        | C        | 1        | 10         |
| <b>6AL11</b> |                     | 6        | C        | 8        | 10         |
|              |                     | 6        | D        | 3        | 10         |
| <b>6AM5</b>  |                     | 6        | D        | 1        | 4          |
| <b>6AM6</b>  |                     | 6        | E        | 1        | 4          |
| <b>6AM8</b>  |                     | 6        | D        | 2        | 3          |
|              |                     | 6        | G        | 8        | 3          |
| <b>6AN4</b>  | 6,7                 | 6        | D        | 2        | 4          |
| <b>6AN5</b>  | 2                   | 6        | C        | 1        | 4          |
| <b>6AN6</b>  |                     | 6        | F        | 2        | 7          |
|              |                     | 6        | F        | 3        | 7          |
|              |                     | 6        | F        | 4        | 7          |
|              |                     | 6        | F        | 5        | 7          |
| <b>6AN7</b>  |                     | 6        | E        | 2        | 3          |
|              |                     | 6        | F        | 9        | 3          |
| <b>6AN8</b>  |                     | 6        | D        | 2        | 3          |
|              |                     | 6        | D        | 8        | 3          |
| <b>6AQ4</b>  | 5,6                 | 6        | E        | 1        | 4          |
| <b>6AQ5</b>  | 7                   | 6        | C        | 1        | 4          |
| <b>6AQ6</b>  |                     | 6        | F        | 1        | 4          |
|              |                     | 6        | G        | 6        | 4          |
|              |                     | 6        | G        | 5        | 4          |
| <b>6AQ7</b>  |                     | 6        | F        | 4        | 2          |
|              |                     | 6        | G        | 3        | 2          |
|              |                     | 6        | G        | 1        | 2          |

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|--------------|----------|----------|----------|----------|------------|
| <b>6AQ8</b>  | 9        | 6        | D        | 2        | 3          |
|              | 9        | 6        | D        | 7        | 3          |
| <b>6AR5</b>  |          | 6        | C        | 1        | 4          |
| <b>6AR7</b>  |          | 6        | F        | 10       | 9          |
|              |          | 6        | G        | 6        | 9          |
|              |          | 6        | G        | 5        | 9          |
| <b>6AR8</b>  |          | 6        | D        | 6        | 3          |
| <b>6AR11</b> |          | 6        | D        | 5        | 10         |
|              |          | 6        | D        | 10       | 10         |
| <b>6AS4</b>  |          | 6        | B        | 3        | 1          |
|              |          | 6        | B        | 5        | 1          |
| <b>6AS5</b>  | 5        | 6        | C        | 2        | 4          |
| <b>6AS6</b>  |          | 6        | E        | 1        | 4          |
| <b>6AS7</b>  |          | 6        | A        | 1        | 2          |
|              |          | 6        | A        | 4        | 2          |
| <b>6AS8</b>  |          | 6        | D        | 2        | 3          |
|              |          | 6        | F        | 6        | 3          |
| <b>6AS11</b> |          | 6        | D        | 1        | 10         |
|              |          | 6        | D        | 3        | 10         |
|              |          | 6        | D        | 6        | 10         |
| <b>6AT6</b>  |          | 6        | F        | 1        | 4          |
|              |          | 6        | G        | 5        | 4          |
|              |          | 6        | G        | 6        | 4          |
| <b>6AT7</b>  |          | 6        | E        | 2        | 3          |
|              |          | 6        | E        | 7        | 3          |
| <b>6AT8</b>  |          | 6        | D        | 1        | 3          |
|              |          | 6        | D        | 9        | 3          |
| <b>6AU4</b>  | 1,2,4,6  | 6        | A        | 5        | 2          |
| <b>6AU5</b>  |          | 6        | A        | 1        | 1          |
| <b>6AU6</b>  |          | 6        | D        | 1        | 4          |
| <b>6AU7</b>  | 9        | 6        | D        | 2        | 3          |
|              | 9        | 6        | D        | 7        | 3          |
| <b>6AU8</b>  |          | 6        | D        | 7        | 3          |
|              |          | 6        | D        | 2        | 3          |
| <b>6AV4</b>  |          | 6        | A        | 1        | 4          |
|              |          | 6        | A        | 6        | 4          |
| <b>6AV5</b>  |          | 6        | A        | 1        | 1          |
| <b>6AV6</b>  |          | 6        | G        | 1        | 4          |
|              |          | 6        | G        | 5        | 4          |
|              |          | 6        | G        | 6        | 4          |
| <b>6AV8</b>  |          | 6        | D        | 2        | 3          |
|              |          | 6        | D        | 8        | 3          |

| <b>TUBE</b>  | <b>A</b>      | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|---------------|----------|----------|----------|------------|
| <b>6AV11</b> |               | 6        | D        | 1        | 10         |
|              |               | 6        | D        | 7        | 10         |
|              |               | 6        | D        | 9        | 10         |
| <b>6AW6</b>  |               | 6        | D        | 1        | 4          |
| <b>6AW7</b>  |               | 6        | F        | 2        | 2          |
|              |               | 6        | G        | 3        | 2          |
|              |               | 6        | G        | 4        | 2          |
| <b>6AW8</b>  |               | 6        | D        | 7        | 3          |
|              |               | 6        | F        | 2        | 3          |
| <b>6AX2</b>  | 1,2,3,6,7,8,9 | 6        | J        | 10       | 8          |
| <b>6AX3</b>  | 10            | 6        | A        | 4        | 10         |
| <b>6AX4</b>  | 1,2,4,6       | 6        | A        | 5        | 2          |
| <b>6AX5</b>  |               | 6        | B        | 3        | 1          |
|              |               | 6        | B        | 5        | 1          |
| <b>6AX6</b>  |               | 6        | A        | 3        | 1          |
|              |               | 6        | A        | 5        | 1          |
| <b>6AX7</b>  | 9             | 6        | F        | 2        | 3          |
|              | 9             | 6        | F        | 7        | 3          |
| <b>6AX8</b>  |               | 6        | D        | 2        | 3          |
|              |               | 6        | D        | 9        | 3          |
| <b>6AY3</b>  | 1,3,6,7,8     | 6        | A        | 2        | 5          |
| <b>6AY11</b> |               | 6        | E        | 10       | 10         |
|              |               | 6        | E        | 3        | 10         |
|              |               | 6        | F        | 8        | 10         |
|              |               | 6        | F        | 5        | 10         |
| <b>6AZ8</b>  |               | 6        | D        | 6        | 3          |
|              |               | 6        | D        | 9        | 3          |
| <b>6B3</b>   |               | 6        | B        | 8        | 8          |
| <b>6B4</b>   |               | 6        | C        | 5        | 1          |
| <b>6B6</b>   |               | 6        | F        | 10       | 1          |
|              |               | 6        | G        | 5        | 1          |
|              |               | 6        | G        | 4        | 1          |
| <b>6B7</b>   |               | 6        | E        | 10       | 7          |
|              |               | 6        | E        | 4        | 7          |
|              |               | 6        | E        | 5        | 7          |
| <b>6B8</b>   |               | 6        | E        | 10       | 1          |
|              |               | 6        | G        | 5        | 1          |
|              |               | 6        | G        | 4        | 1          |
| <b>6B10</b>  |               | 6        | E        | 3        | 10         |
|              |               | 6        | E        | 5        | 10         |
|              |               | 6        | F        | 8        | 10         |
|              |               | 6        | F        | 10       | 10         |

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|--------------|-----------------|----------|----------|----------|------------|
| <b>6B32</b>  |                 | 6        | E        | 2        | 4          |
|              |                 | 6        | E        | 7        | 4          |
| <b>6BA3</b>  | 1,3,6,7,8       | 6        | A        | 2        | 5          |
| <b>6BA6</b>  |                 | 6        | D        | 1        | 4          |
| <b>6BA7</b>  |                 | 6        | D        | 2        | 3          |
| <b>6BA8</b>  |                 | 6        | D        | 7        | 3          |
|              |                 | 6        | D        | 2        | 3          |
| <b>6BA11</b> |                 | 6        | D        | 9        | 10         |
|              |                 | 6        | E        | 4        | 10         |
| <b>6BC4</b>  | 2,7,8,9         | 6        | D        | 3        | 8          |
| <b>6BC5</b>  | 2               | 6        | E        | 1        | 4          |
| <b>6BC7</b>  |                 | 6        | E        | 2        | 3          |
|              |                 | 6        | E        | 6        | 3          |
|              |                 | 6        | E        | 8        | 3          |
| <b>6BC8</b>  | 9               | 6        | E        | 2        | 3          |
|              | 9               | 6        | E        | 7        | 3          |
| <b>6BC32</b> |                 | 6        | F        | 1        | 4          |
|              |                 | 6        | G        | 5        | 4          |
|              |                 | 6        | G        | 6        | 4          |
| <b>6BD4</b>  |                 | 6        | G        | 5        | 1          |
| <b>6BD5</b>  |                 | 6        | A        | 1        | 1          |
| <b>6BD6</b>  |                 | 6        | D        | 1        | 4          |
| <b>6BD7</b>  |                 | 6        | F        | 8        | 3          |
|              |                 | 6        | G        | 6        | 3          |
|              |                 | 6        | G        | 2        | 3          |
| <b>6BD11</b> |                 | 6        | D        | 1        | 10         |
|              |                 | 6        | E        | 3        | 10         |
|              |                 | 6        | F        | 6        | 10         |
| <b>6BE3</b>  | 4               | 6        | A        | 10       | 10         |
| <b>6BE6</b>  |                 | 6        | D        | 1        | 4          |
| <b>6BE7</b>  | 8               | 6        | F        | 7        | 3          |
| <b>6BE8*</b> |                 | 6        | D        | 1        | 3          |
|              |                 | 6        | D        | 9        | 3          |
|              | Normal short, 3 |          |          |          |            |
| <b>6BF5</b>  | 7               | 6        | C        | 1        | 4          |
| <b>6BF6</b>  |                 | 6        | F        | 1        | 4          |
|              |                 | 6        | G        | 5        | 4          |
|              |                 | 6        | G        | 6        | 4          |

| <b>TUBE</b>  | <b>A</b>  | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|-----------|----------|----------|----------|------------|
| <b>6BF8</b>  |           | 6        | F        | 1        | 3          |
|              |           | 6        | F        | 2        | 3          |
|              |           | 6        | F        | 3        | 3          |
|              |           | 6        | F        | 7        | 3          |
|              |           | 6        | F        | 8        | 3          |
|              |           | 6        | F        | 9        | 3          |
| <b>6BF11</b> |           | 6        | C        | 8        | 10         |
|              |           | 6        | D        | 3        | 10         |
| <b>6BG6</b>  |           | 6        | A        | 5        | 1          |
| <b>6BH3</b>  | 1,3,6,7,8 | 6        | A        | 2        | 5          |
| <b>6BH5</b>  | 8         | 6        | F        | 2        | 3          |
| <b>6BH6</b>  |           | 6        | E        | 1        | 4          |
| <b>6BH8</b>  |           | 6        | D        | 7        | 3          |
|              |           | 6        | D        | 2        | 3          |
| <b>6BH11</b> |           | 6        | D        | 4        | 10         |
|              |           | 6        | D        | 6        | 10         |
|              |           | 6        | D        | 8        | 10         |
| <b>6BJ3</b>  | 4         | 6        | A        | 10       | 10         |
| <b>6BJ5</b>  |           | 6        | C        | 1        | 4          |
| <b>6BJ6</b>  |           | 6        | D        | 1        | 4          |
| <b>6BJ7</b>  |           | 6        | F        | 2        | 3          |
|              |           | 6        | F        | 6        | 3          |
|              |           | 6        | F        | 8        | 3          |
| <b>6BJ8</b>  |           | 6        | D        | 8        | 3          |
|              |           | 6        | E        | 6        | 3          |
|              |           | 6        | E        | 1        | 3          |
| <b>6BK4</b>  | 3,4,6,8   | 6        | G        | 5        | 1          |
| <b>6BK5</b>  | 7         | 6        | C        | 3        | 3          |
| <b>6BK6</b>  |           | 6        | F        | 1        | 4          |
|              |           | 6        | G        | 5        | 4          |
|              |           | 6        | G        | 6        | 4          |
| <b>6BK7</b>  | 9         | 6        | E        | 2        | 3          |
|              | 9         | 6        | E        | 7        | 3          |
| <b>6BK8</b>  | 2         | 6        | E        | 9        | 3          |
| <b>6BK11</b> | 8         | 6        | G        | 1        | 10         |
|              | 8         | 6        | G        | 7        | 10         |
|              | 8         | 6        | G        | 9        | 10         |
| <b>6BL4</b>  | 2         | 6        | A        | 5        | 2          |
| <b>6BL7</b>  |           | 6        | C        | 1        | 2          |
|              |           | 6        | C        | 4        | 2          |

| <b>TUBE</b>  | <b>A</b>                | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|-------------------------|----------|----------|----------|------------|
| <b>6BL8</b>  |                         | 6        | D        | 2        | 3          |
|              |                         | 6        | D        | 9        | 3          |
| <b>6BM5</b>  | 7                       | 6        | C        | 1        | 4          |
| <b>6BM8</b>  |                         | 6        | C        | 3        | 3          |
|              |                         | 6        | F        | 1        | 3          |
| <b>6BN4</b>  | 2,6                     | 6        | E        | 7        | 4          |
| <b>6BN5</b>  | 3                       | 6        | C        | 2        | 3          |
| <b>6BN6</b>  |                         | 6        | H        | 5        | 4          |
|              | Emission and short test |          |          |          |            |
|              |                         | 6        | H        | 2        | 4          |
|              | Grid leakage test       |          |          |          |            |
| <b>6BN7</b>  |                         | 6        | C        | 7        | 3          |
|              |                         | 6        | F        | 2        | 3          |
| <b>6BN8</b>  |                         | 6        | D        | 1        | 3          |
|              |                         | 6        | D        | 6        | 3          |
|              |                         | 6        | E        | 8        | 3          |
| <b>6BN11</b> |                         | 6        | E        | 3        | 10         |
|              |                         | 6        | E        | 7        | 10         |
| <b>6BQ5</b>  | 1,6,8                   | 6        | C        | 2        | 3          |
| <b>6BQ6</b>  |                         | 6        | A        | 5        | 1          |
| <b>6BQ7</b>  | 9                       | 6        | E        | 2        | 3          |
|              | 9                       | 6        | E        | 7        | 3          |
| <b>6BR3</b>  | 1,2,3,6,7,8             | 6        | A        | 9        | 3          |
| <b>6BR5</b>  | 3,6,8                   | 6        | G        | 1        | 3          |
| <b>6BR7</b>  | 6,7,9                   | 6        | E        | 2        | 3          |
|              | 6,9                     | 6        | E        | 7        | 3          |
|              | 7,9                     | 6        | E        | 6        | 3          |
| <b>6BR8</b>  |                         | 6        | D        | 9        | 3          |
|              |                         | 6        | D        | 1        | 3          |
| <b>6BS3</b>  | 1,3,6,7,8               | 6        | A        | 2        | 5          |
| <b>6BS4</b>  | 6,7                     | 6        | D        | 2        | 4          |
| <b>6BS5</b>  | 1                       | 6        | C        | 2        | 3          |
| <b>6BS7</b>  | 1                       | 6        | G        | 10       | 3          |
| <b>6BS8</b>  | 9                       | 6        | E        | 2        | 3          |
|              | 9                       | 6        | E        | 7        | 3          |
| <b>6BT6</b>  |                         | 6        | F        | 1        | 4          |
|              |                         | 6        | G        | 3        | 4          |
|              |                         | 6        | G        | 6        | 4          |
| <b>6BT8</b>  |                         | 6        | D        | 8        | 3          |
|              |                         | 6        | G        | 2        | 3          |
|              |                         | 6        | G        | 1        | 3          |

| <b>TUBE</b>           | <b>A</b>  | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-----------------------|-----------|----------|----------|----------|------------|
| <b>6BU4</b>           | 3,4,6,8   | 6        | G        | 5        | 1          |
| <b>6BU5</b>           | 2         | 6        | G        | 4        | 2          |
| <b>6BU6</b>           |           | 6        | E        | 1        | 4          |
|                       |           | 6        | G        | 3        | 4          |
|                       |           | 6        | G        | 6        | 4          |
| <b>6BU8</b>           |           | 6        | D        | 7        | 3          |
| <b>6BV7</b>           | 7         | 6        | E        | 8        | 3          |
|                       | 7         | 6        | G        | 6        | 3          |
|                       | 7         | 6        | G        | 1        | 3          |
| <b>6BV8</b>           |           | 6        | E        | 2        | 3          |
|                       |           | 6        | E        | 9        | 3          |
|                       |           | 6        | E        | 6        | 3          |
| <b>6BV11</b>          |           | 6        | F        | 6        | 10         |
|                       |           | 6        | F        | 7        | 10         |
| <b>6BW3</b>           | 5,6,8,9,0 | 6        | A        | 4        | 10         |
| <b>6BW4</b>           |           | 6        | B        | 1        | 3          |
|                       |           | 6        | B        | 7        | 3          |
| <b>6BW6</b>           | 1,6       | 6        | C        | 2        | 3          |
| <b>6BW7</b>           | 3         | 6        | D        | 2        | 3          |
| <b>6BW8*</b>          |           | 6        | E        | 6        | 3          |
|                       |           | 6        | F        | 3        | 3          |
|                       |           | 6        | F        | 1        | 3          |
| <b>Normal short 7</b> |           |          |          |          |            |
| <b>6BW11</b>          |           | 6        | D        | 1        | 10         |
|                       |           | 6        | D        | 3        | 10         |
| <b>6BX4</b>           |           | 6        | A        | 1        | 4          |
|                       |           | 6        | A        | 6        | 4          |
| <b>6BX6</b>           | 1         | 6        | D        | 2        | 3          |
| <b>6BX7</b>           |           | 6        | C        | 1        | 2          |
|                       |           | 6        | C        | 4        | 2          |
| <b>6BX8</b>           | 9         | 6        | E        | 2        | 3          |
|                       | 9         | 6        | E        | 7        | 3          |
| <b>6BY5</b>           | 3         | 6        | A        | 4        | 1          |
|                       | 3         | 6        | A        | 5        | 1          |
| <b>6BY6</b>           |           | 6        | D        | 1        | 4          |
| <b>6BY7</b>           | 3         | 6        | D        | 2        | 3          |
| <b>6BY8</b>           |           | 6        | D        | 1        | 3          |
|                       |           | 6        | E        | 6        | 3          |
| <b>6BY11</b>          |           | 6        | F        | 3        | 10         |
|                       |           | 6        | A        | 8        | 10         |

| <b>TUBE</b>  | <b>A</b>        | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|-----------------|----------|----------|----------|------------|
| <b>6BZ3</b>  | 1,2,3,5,6,8,9,0 | 6        | A        | 4        | 10         |
| <b>6BZ6</b>  |                 | 6        | D        | 1        | 4          |
| <b>6BZ7</b>  | 9               | 6        | E        | 2        | 3          |
|              | 9               | 6        | E        | 7        | 3          |
| <b>6BZ8</b>  | 9               | 6        | E        | 2        | 3          |
|              | 9               | 6        | E        | 7        | 3          |
| <b>6C4</b>   | 1,5             | 6        | E        | 6        | 4          |
| <b>6C5</b>   |                 | 6        | E        | 5        | 1          |
| <b>6C7</b>   |                 | 6        | F        | 10       | 7          |
|              |                 | 6        | F        | 4        | 7          |
|              |                 | 6        | F        | 5        | 7          |
| <b>6C8</b>   |                 | 6        | F        | 5        | 1          |
|              |                 | 6        | F        | 10       | 1          |
| <b>6C9</b>   |                 | 6        | E        | 1        | 3          |
|              |                 | 6        | E        | 7        | 3          |
| <b>6C10</b>  | 8               | 6        | F        | 1        | 10         |
|              | 8               | 6        | F        | 7        | 10         |
|              | 8               | 6        | F        | 9        | 10         |
| <b>6C12</b>  |                 | 6        | E        | 2        | 3          |
|              |                 | 6        | E        | 9        | 3          |
| <b>6C16</b>  |                 | 6        | D        | 2        | 3          |
|              |                 | 6        | D        | 9        | 3          |
| <b>6C18</b>  | 6               | 6        | E        | 7        | 3          |
|              | 6               | 6        | D        | 9        | 3          |
| <b>6C31</b>  |                 | 6        | E        | 5        | 1          |
| <b>6CA4</b>  | 6               | 6        | A        | 1        | 8          |
|              | 6               | 6        | A        | 7        | 8          |
| <b>6CA5</b>  | 5               | 6        | C        | 2        | 4          |
| <b>6CA7</b>  |                 | 6        | A        | 5        | 1          |
| <b>6CA11</b> |                 | 6        | E        | 3        | 10         |
|              |                 | 6        | E        | 6        | 10         |
|              |                 | 6        | C        | 10       | 10         |
| <b>6CB5</b>  | 1,3,5,6,8       | 6        | A        | 4        | 1          |
| <b>6CB6</b>  |                 | 6        | D        | 1        | 4          |
| <b>6CB11</b> |                 | 6        | D        | 3        | 10         |
|              |                 | 6        | C        | 1        | 10         |
| <b>6CC10</b> |                 | 6        | E        | 1        | 2          |
|              |                 | 6        | E        | 4        | 2          |
| <b>6CC31</b> |                 | 6        | E        | 5        | 4          |
|              |                 | 6        | E        | 6        | 4          |
| <b>6CC43</b> | 9               | 6        | D        | 2        | 3          |
|              | 9               | 6        | D        | 7        | 3          |

| <b>TUBE</b>  | <b>A</b>        | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|-----------------|----------|----------|----------|------------|
| <b>6CD3</b>  | 1,2,3,5,6,8,9,0 | 6        | A        | 4        | 10         |
| <b>6CD6</b>  |                 | 6        | A        | 5        | 1          |
| <b>6CE3</b>  | 1,2,3,4,5,6,8,9 | 6        | A        | 10       | 10         |
| <b>6CE5</b>  | 2               | 6        | E        | 1        | 4          |
| <b>6CF6</b>  |                 | 6        | D        | 1        | 4          |
| <b>6CF8</b>  |                 | 6        | F        | 9        | 3          |
| <b>6CG3</b>  | 2,4,5,6,8,9     | 6        | A        | 10       | 10         |
| <b>6CG6</b>  |                 | 6        | E        | 1        | 4          |
| <b>6CG7</b>  | 9               | 6        | E        | 2        | 3          |
|              | 9               | 6        | E        | 7        | 3          |
| <b>6CG8</b>  | 3               | 6        | E        | 1        | 3          |
|              | 3               | 6        | E        | 9        | 3          |
| <b>6CH3</b>  | 1,2,3,6,8       | 6        | A        | 7        | 5          |
| <b>6CH6</b>  | 1,6             | 6        | C        | 2        | 3          |
| <b>6CH7</b>  | 8               | 6        | E        | 2        | 3          |
|              | 8               | 6        | E        | 7        | 3          |
| <b>6CH8</b>  |                 | 6        | E        | 7        | 3          |
|              |                 | 6        | E        | 8        | 3          |
| <b>6CH40</b> |                 | 6        | E        | 2        | 3          |
|              |                 | 6        | E        | 9        | 3          |
| <b>6CJ3</b>  | 1,3,6,7,8       | 6        | A        | 2        | 5          |
| <b>6CJ6</b>  | 1,6,7           | 6        | C        | 2        | 3          |
| <b>6CK3</b>  | 1,2,3,6,8       | 6        | A        | 7        | 5          |
| <b>6CK4</b>  | 3               | 6        | C        | 1        | 1          |
| <b>6CK6</b>  |                 | 6        | C        | 2        | 3          |
| <b>6CL3</b>  | 1,3,6,7,8       | 6        | A        | 2        | 5          |
| <b>6CL5</b>  | 5,6,8           | 6        | A        | 4        | 1          |
| <b>6CL6</b>  | 8,9             | 6        | C        | 2        | 3          |
| <b>6CL8</b>  |                 | 6        | D        | 1        | 3          |
|              |                 | 6        | D        | 9        | 3          |
| <b>6CM3</b>  | 1,3,6,7,8       | 6        | A        | 2        | 5          |
| <b>6CM4</b>  | 3,6,7,8,9       | 6        | E        | 2        | 8          |
| <b>6CM5</b>  | 1,3             | 6        | A        | 5        | 1          |
| <b>6CM6</b>  | 6               | 6        | C        | 3        | 3          |
| <b>6CM7</b>  | 2               | 6        | D        | 7        | 3          |
|              | 2               | 6        | D        | 8        | 3          |
| <b>6CM8</b>  |                 | 6        | E        | 2        | 3          |
|              |                 | 6        | F        | 9        | 3          |
| <b>6CN5</b>  | 8               | 6        | C        | 2        | 3          |
| <b>6CN7</b>  | 9               | 6        | F        | 1        | 3          |
|              | 9               | 6        | F        | 2        | 3          |
|              | 9               | 6        | F        | 7        | 3          |

| <b>TUBE</b>    | <b>A</b>  | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|----------------|-----------|----------|----------|----------|------------|
| <b>6CQ4</b>    | 1,2,4,6   | 6        | A        | 5        | 2          |
| <b>6CQ6</b>    |           | 6        | E        | 1        | 4          |
| <b>6CQ8</b>    |           | 6        | D        | 2        | 3          |
|                |           | 6        | D        | 9        | 3          |
| <b>6CR5</b>    | 2,6,7     | 6        | C        | 9        | 3          |
| <b>6CR6</b>    |           | 6        | E        | 7        | 4          |
|                |           | 6        | G        | 2        | 4          |
| <b>6CR8*</b>   |           | 6        | D        | 2        | 3          |
|                |           | 6        | D        | 9        | 3          |
| Normal short 8 |           |          |          |          |            |
| <b>6CS5</b>    | 6,7,8     | 6        | C        | 3        | 3          |
| <b>6CS6</b>    |           | 6        | D        | 1        | 4          |
| <b>6CS7</b>    | 2         | 6        | C        | 3        | 3          |
|                | 2         | 6        | F        | 7        | 3          |
| <b>6CS8</b>    |           | 6        | D        | 2        | 3          |
|                |           | 6        | E        | 9        | 3          |
| <b>6CT3</b>    | 1,3,6,7,8 | 6        | A        | 2        | 3          |
| <b>6CU5</b>    | 5         | 6        | C        | 2        | 4          |
| <b>6CU6</b>    |           | 6        | A        | 5        | 1          |
| <b>6CU7</b>    | 8         | 6        | F        | 1        | 10         |
|                | 8         | 6        | F        | 7        | 10         |
|                | 8         | 6        | F        | 9        | 10         |
| <b>6CU8*</b>   |           | 6        | E        | 7        | 3          |
|                |           | 6        | E        | 8        | 3          |
| Normal short 1 |           |          |          |          |            |
| <b>6CW4</b>    |           | 6        | F        | 4        | 6          |
| <b>6CW5</b>    | 1,6,8     | 6        | C        | 2        | 3          |
| <b>6CW7</b>    | 2         | 6        | D        | 3        | 3          |
|                | 2         | 6        | D        | 7        | 3          |
| <b>6CX7</b>    | 8         | 6        | E        | 2        | 3          |
|                | 8         | 6        | E        | 7        | 3          |
| <b>6CX8</b>    |           | 6        | C        | 7        | 3          |
|                |           | 6        | E        | 2        | 3          |
| <b>6CY5</b>    | 2         | 6        | E        | 1        | 4          |
| <b>6CY7</b>    | 2         | 6        | C        | 3        | 3          |
|                | 2         | 6        | E        | 7        | 3          |
| <b>6CZ5</b>    | 2,6,8     | 6        | C        | 3        | 3          |
| <b>6D1</b>     | 2,5       | 6        | F        | 6        | 4          |
| <b>6D2</b>     |           | 6        | E        | 2        | 4          |
|                |           | 6        | E        | 7        | 4          |

| <b>TUBE</b>  | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|----------|----------|----------|----------|------------|
| <b>6D4</b>   |          | 6        | F        | 1        | 4          |
| <b>6D5</b>   |          | 6        | C        | 5        | 1          |
| <b>6D7</b>   | 5        | 6        | F        | 10       | 7          |
| <b>6D8</b>   |          | 6        | E        | 5        | 1          |
| <b>6D10</b>  | 8        | 6        | E        | 1        | 10         |
|              | 8        | 6        | E        | 7        | 10         |
|              | 8        | 6        | E        | 9        | 10         |
| <b>6DA4</b>  | 1,2,4,6  | 6        | A        | 5        | 2          |
| <b>6DA5</b>  | 3,6,8    | 6        | G        | 1        | 3          |
| <b>6DA6</b>  | 1        | 6        | D        | 2        | 3          |
| <b>6DA7</b>  | 2        | 6        | C        | 3        | 3          |
|              | 2        | 6        | E        | 7        | 3          |
| <b>6DB5</b>  | 6,7,8    | 6        | C        | 3        | 3          |
| <b>6DB6</b>  |          | 6        | E        | 1        | 4          |
| <b>6DC6</b>  |          | 6        | E        | 1        | 4          |
| <b>6DC8</b>  |          | 6        | D        | 2        | 3          |
|              |          | 6        | G        | 7        | 3          |
|              |          | 6        | G        | 8        | 3          |
| <b>6DE4</b>  | 1,2,4,6  | 6        | A        | 5        | 2          |
| <b>6DE6</b>  |          | 6        | D        | 1        | 4          |
| <b>6DE7</b>  | 3        | 6        | C        | 2        | 3          |
|              | 3        | 6        | E        | 7        | 3          |
| <b>6DF12</b> |          | 6        | D        | 2        | 3          |
|              |          | 6        | G        | 7        | 3          |
|              |          | 6        | G        | 8        | 3          |
| <b>6DG6</b>  |          | 6        | C        | 5        | 1          |
| <b>6DG7</b>  | 1,6      | 6        | D        | 2        | 3          |
| <b>6DJ8</b>  | 9        | 6        | D        | 2        | 3          |
|              | 9        | 6        | D        | 7        | 3          |
| <b>6DK3</b>  | 3,6,7,8  | 6        | A        | 2        | 5          |
| <b>6DK6</b>  |          | 6        | D        | 1        | 4          |
| <b>6DK8</b>  |          | 6        | D        | 2        | 3          |
|              |          | 6        | D        | 9        | 3          |
| <b>6DL3</b>  | 7        | 6        | A        | 2        | 5          |
| <b>6DL4</b>  | 1,3,6,7  | 6        | D        | 9        | 3          |
| <b>6DL5</b>  | 7        | 6        | C        | 1        | 4          |
| <b>6DL12</b> |          | 6        | E        | 8        | 3          |
|              |          | 6        | G        | 6        | 3          |
|              |          | 6        | G        | 2        | 3          |
|              |          | 6        | G        | 1        | 3          |
| <b>6DM4</b>  | 1,2,4,6  | 6        | A        | 5        | 2          |

| <b>TUBE</b> | <b>A</b>        | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-------------|-----------------|----------|----------|----------|------------|
| <b>6DM8</b> |                 | 6        | E        | 6        | 5          |
|             |                 | 6        | E        | 8        | 5          |
|             |                 | 6        | E        | 9        | 5          |
| <b>6DN3</b> | 1,3,6,7,8       | 6        | A        | 2        | 5          |
| <b>6DN6</b> |                 | 6        | A        | 5        | 1          |
| <b>6DN7</b> |                 | 6        | C        | 1        | 2          |
|             |                 | 6        | F        | 4        | 2          |
| <b>6DQ3</b> | 2,5,6,8,9,0     | 6        | A        | 4        | 10         |
| <b>6DQ4</b> | 1,2,4,6         | 6        | A        | 5        | 2          |
| <b>6DQ5</b> | 5,6,8           | 6        | A        | 1        | 1          |
| <b>6DQ6</b> |                 | 6        | A        | 5        | 1          |
| <b>6DR4</b> | 2,5             | 6        | F        | 6        | 4          |
| <b>6DR6</b> | 1,6,7           | 6        | D        | 2        | 3          |
| <b>6DR7</b> | 3               | 6        | C        | 2        | 3          |
|             | 3               | 6        | E        | 7        | 3          |
| <b>6DR8</b> |                 | 6        | G        | 8        | 3          |
|             |                 | 6        | G        | 2        | 3          |
|             |                 | 6        | G        | 7        | 3          |
| <b>6DS4</b> |                 | 6        | G        | 4        | 6          |
| <b>6DS5</b> | 7               | 6        | C        | 1        | 4          |
| <b>6DS8</b> |                 | 6        | F        | 2        | 3          |
|             |                 | 6        | G        | 9        | 3          |
| <b>6DT3</b> | 2,5,6,8,9,0     | 6        | A        | 4        | 10         |
| <b>6DT4</b> | 1,2,4,6         | 6        | A        | 5        | 2          |
| <b>6DT5</b> | 2,6,8           | 6        | C        | 3        | 3          |
| <b>6DT6</b> |                 | 6        | E        | 1        | 4          |
| <b>6DT8</b> | 9               | 6        | E        | 2        | 3          |
|             | 9               | 6        | E        | 7        | 3          |
| <b>6DU3</b> | 1,2,3,5,6,8,9,0 | 6        | A        | 4        | 10         |
| <b>6DW4</b> | 1,3,6,7,8       | 6        | A        | 2        | 5          |
| <b>6DW5</b> | 6               | 6        | C        | 3        | 3          |
| <b>6DX4</b> | 6,7             | 6        | D        | 2        | 4          |
| <b>6DX8</b> |                 | 6        | D        | 8        | 3          |
|             |                 | 6        | F        | 1        | 3          |
| <b>6DY4</b> | 6,7             | 6        | D        | 2        | 4          |
| <b>6DY5</b> | 1               | 6        | B        | 2        | 3          |
| <b>6DY7</b> |                 | 6        | C        | 1        | 1          |
|             |                 | 6        | C        | 5        | 1          |
| <b>6DZ4</b> | 6,7             | 6        | D        | 2        | 4          |
| <b>6DZ7</b> |                 | 6        | C        | 1        | 1          |
|             |                 | 6        | C        | 5        | 1          |

| TUBE | A               | B | C | D  | SKT |
|------|-----------------|---|---|----|-----|
| 6DZ8 |                 | 6 | C | 3  | 3   |
|      |                 | 6 | F | 1  | 3   |
| 6E6  |                 | 6 | E | 3  | 7   |
|      |                 | 6 | E | 5  | 7   |
| 6E7  | 5               | 6 | E | 10 | 7   |
| 6E8  |                 | 6 | D | 10 | 1   |
| 6EA4 | 1,2,3,4,7,8,9,0 | 6 | G | 6  | 10  |
| 6EA5 | 7               | 6 | E | 1  | 4   |
| 6EA7 |                 | 6 | D | 1  | 2   |
|      |                 | 6 | F | 4  | 2   |
| 6EA8 |                 | 6 | D | 2  | 3   |
|      |                 | 6 | D | 9  | 3   |
| 6EB5 |                 | 6 | F | 2  | 4   |
|      |                 | 6 | F | 7  | 4   |
| 6EB8 |                 | 6 | C | 7  | 3   |
|      |                 | 6 | F | 2  | 3   |
| 6EC4 | 7,8             | 6 | A | 2  | 12  |
| 6EC7 | 3               | 6 | D | 1  | 3   |
| 6ED4 | 2               | 6 | G | 8  | 12  |
| 6EF4 | 1,2,3,4,7,8,9,0 | 6 | H | 6  | 10  |
| 6EF6 |                 | 6 | C | 5  | 1   |
| 6EH4 | 1,2,9           | 6 | G | 6  | 10  |
| 6EH5 | 5               | 6 | C | 2  | 4   |
| 6EH7 | 3               | 6 | D | 2  | 3   |
| 6EH8 | 1               | 6 | D | 2  | 3   |
|      | 1               | 6 | D | 7  | 3   |
| 6EJ4 | 1,2,3,4,7,8,0   | 6 | H | 6  | 10  |
| 6EJ7 | 3               | 6 | D | 2  | 3   |
| 6EL4 | 3,4,8           | 6 | J | 5  | 1   |
| 6EL7 | 1               | 6 | D | 2  | 3   |
| 6EM5 | 2,6,8           | 6 | C | 3  | 3   |
| 6EM7 |                 | 6 | D | 1  | 2   |
|      |                 | 6 | F | 4  | 2   |
| 6EN4 | 6               | 6 | G | 5  | 1   |
| 6EQ7 |                 | 6 | E | 2  | 3   |
|      |                 | 6 | G | 8  | 3   |
| 6ER5 | 7               | 6 | E | 2  | 4   |
| 6ES5 | 7               | 6 | E | 2  | 4   |
| 6ES6 |                 | 6 | D | 1  | 4   |
| 6ES8 | 9               | 6 | D | 2  | 3   |
|      | 9               | 6 | D | 7  | 3   |
| 6ET6 |                 | 6 | D | 1  | 4   |

| <b>TUBE</b> | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-------------|----------|----------|----------|----------|------------|
| <b>6ET7</b> |          | 6        | D        | 7        | 3          |
|             |          | 6        | G        | 3        | 3          |
|             |          | 6        | G        | 2        | 3          |
| <b>6EU7</b> | 3        | 6        | G        | 8        | 13         |
|             | 3        | 6        | G        | 5        | 13         |
| <b>6EU8</b> |          | 6        | D        | 2        | 3          |
|             |          | 6        | D        | 7        | 3          |
| <b>6EV5</b> | 7        | 6        | E        | 1        | 4          |
| <b>6EV7</b> |          | 6        | E        | 2        | 3          |
|             |          | 6        | E        | 7        | 3          |
| <b>6EV8</b> |          | 6        | D        | 1        | 3          |
|             |          | 6        | D        | 9        | 3          |
| <b>6EW6</b> |          | 6        | D        | 1        | 4          |
| <b>6EW7</b> | 3        | 6        | F        | 7        | 3          |
|             | 3        | 6        | C        | 2        | 3          |
| <b>6EX6</b> |          | 6        | A        | 5        | 1          |
| <b>6EY5</b> |          | 6        | C        | 5        | 1          |
| <b>6EY6</b> |          | 6        | C        | 5        | 1          |
| <b>6EZ5</b> |          | 6        | C        | 5        | 1          |
| <b>6EZ8</b> |          | 6        | E        | 2        | 3          |
|             |          | 6        | E        | 7        | 3          |
|             |          | 6        | E        | 9        | 3          |
| <b>6F5</b>  |          | 6        | G        | 10       | 1          |
| <b>6F6</b>  |          | 6        | B        | 5        | 1          |
| <b>6F7</b>  |          | 6        | F        | 10       | 7          |
|             |          | 6        | F        | 5        | 7          |
| <b>6F8</b>  |          | 6        | E        | 10       | 1          |
|             |          | 6        | E        | 5        | 1          |
| <b>6F10</b> |          | 6        | D        | 4        | 1          |
| <b>6F11</b> |          | 6        | E        | 1        | 4          |
| <b>6F12</b> |          | 6        | D        | 1        | 4          |
| <b>6F18</b> | 3        | 6        | D        | 1        | 3          |
| <b>6F19</b> | 3        | 6        | D        | 2        | 3          |
| <b>6F21</b> |          | 6        | E        | 1        | 4          |
| <b>6F22</b> | 2        | 6        | F        | 9        | 3          |
| <b>6F23</b> | 1        | 6        | D        | 2        | 3          |
| <b>6F24</b> | 3        | 6        | D        | 2        | 3          |
| <b>6F25</b> | 3        | 6        | D        | 2        | 3          |
| <b>6F26</b> | 3        | 6        | D        | 2        | 3          |
| <b>6F29</b> | 3        | 6        | D        | 2        | 3          |
| <b>6F30</b> | 3        | 6        | D        | 2        | 3          |
| <b>6F31</b> |          | 6        | D        | 1        | 4          |
| <b>6F32</b> | 2        | 6        | E        | 1        | 4          |

| TUBE  | A     | B | C | D  | SKT |
|-------|-------|---|---|----|-----|
| 6F33  |       | 6 | E | 1  | 4   |
| 6F35  | 2     | 6 | G | 1  | 4   |
| 6F36  |       | 6 | D | 1  | 4   |
| 6F40  | 1     | 6 | F | 9  | 3   |
| 6FA7  |       | 6 | F | 7  | 3   |
|       |       | 6 | G | 3  | 3   |
| 6FB8  |       | 6 | H | 1  | 3   |
|       |       | 6 | H | 2  | 3   |
|       |       | 6 | H | 3  | 3   |
|       |       | 6 | H | 6  | 3   |
|       |       | 6 | H | 7  | 3   |
|       |       | 6 | H | 8  | 3   |
| 6FC7  | 7     | 6 | D | 2  | 3   |
|       | 7     | 6 | D | 6  | 3   |
| 6FD6  |       | 6 | F | 1  | 4   |
| 6FD7  | 3     | 6 | C | 2  | 3   |
|       | 3     | 6 | F | 7  | 3   |
| 6FD12 |       | 6 | D | 2  | 3   |
|       |       | 6 | G | 7  | 3   |
|       |       | 6 | G | 8  | 3   |
| 6FE5  |       | 6 | C | 5  | 1   |
| 6FG5  | 2     | 6 | D | 1  | 4   |
| 6FG6  | 2,6,8 | 6 | G | 1  | 3   |
| 6FG7  | 3     | 6 | D | 9  | 3   |
|       | 3     | 6 | E | 1  | 3   |
| 6FH5  | 7     | 6 | E | 2  | 4   |
| 6FH6  |       | 6 | A | 5  | 1   |
| 6FH8  |       | 6 | E | 2  | 3   |
|       |       | 6 | E | 6  | 3   |
| 6FJ7  | 6     | 6 | E | 10 | 10  |
| 6FM7  | 8     | 6 | C | 3  | 10  |
|       | 8     | 6 | E | 10 | 10  |
| 6FM8  |       | 6 | F | 2  | 3   |
|       |       | 6 | F | 8  | 3   |
| 6FN5  | 4,6,8 | 6 | A | 5  | 1   |
| 6FQ5  | 1     | 6 | D | 2  | 4   |
| 6FQ7  |       | 6 | D | 2  | 3   |
|       |       | 6 | D | 7  | 3   |
| 6FR7  | 3     | 6 | C | 2  | 3   |
|       | 3     | 6 | F | 7  | 3   |
| 6FS5  | 2     | 6 | D | 1  | 4   |
| 6FV6  |       | 6 | E | 1  | 4   |

| TUBE   | A             | B | C | D  | SKT |
|--------|---------------|---|---|----|-----|
| 6FV8   |               | 6 | D | 1  | 3   |
|        |               | 6 | D | 9  | 3   |
| 6FW5   |               | 6 | A | 1  | 1   |
| 6FW8   | 9             | 6 | E | 2  | 3   |
|        | 9             | 6 | E | 7  | 3   |
| 6FW8   | 9             | 6 | E | 2  | 3   |
|        | 9             | 6 | E | 7  | 4   |
| 6FX4   |               | 6 | A | 1  | 4   |
|        |               | 6 | A | 6  | 4   |
| 6FY5   | 1             | 6 | E | 2  | 4   |
| 6FY7   | 8             | 6 | C | 3  | 10  |
|        | 8             | 6 | F | 10 | 10  |
| 6FY8   |               | 6 | E | 3  | 3   |
|        |               | 6 | F | 1  | 3   |
| 6G6    |               | 6 | D | 5  | 1   |
| 6G11   | 5             | 6 | C | 8  | 10  |
|        | 5             | 6 | D | 3  | 10  |
| 6GA7   | 2             | 6 | A | 1  | 10  |
|        | 2             | 6 | A | 4  | 10  |
| 6GA8   |               | 6 | D | 2  | 3   |
|        |               | 6 | D | 7  | 3   |
| 6G-B3A | 3             | 6 | A | 5  | 1   |
| 6GB5   | 2,7,8,9       | 6 | A | 1  | 12  |
| 6G-B6  |               | 6 | A | 5  | 1   |
| 6G-B7  | 3             | 6 | A | 5  | 1   |
| 6G-B9  |               | 6 | A | 5  | 1   |
| 6GC5   | 2,6,8         | 6 | C | 3  | 3   |
| 6GC6   | 1,6,8         | 6 | A | 5  | 1   |
| 6GD7   | 3             | 6 | D | 1  | 4   |
|        | 3             | 6 | D | 9  | 4   |
| 6GE5   | 1,4,5,6,8,9,0 | 6 | A | 3  | 10  |
| 6GE8   |               | 6 | B | 3  | 3   |
|        |               | 6 | F | 8  | 3   |
| 6GF5   | 1,5,6,8,9,0   | 6 | A | 3  | 10  |
| 6GF7   |               | 6 | C | 2  | 5   |
|        |               | 6 | G | 9  | 5   |
| 6GH8   |               | 6 | D | 2  | 3   |
|        |               | 6 | D | 9  | 3   |
| 6GJ5   | 1,6,8,9       | 6 | A | 2  | 5   |
| 6GJ7   | 3             | 6 | D | 2  | 3   |
|        | 3             | 6 | E | 9  | 3   |

| <b>TUBE</b>   | <b>A</b>      | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|---------------|----------|----------|----------|------------|
| <b>6GJ8</b>   |               | 6        | E        | 2        | 3          |
|               |               | 6        | E        | 9        | 3          |
| <b>6GK5</b>   | 7             | 6        | E        | 2        | 4          |
| <b>6GK6</b>   | 3,6           | 6        | C        | 2        | 3          |
| <b>6GK7</b>   | 3             | 6        | F        | 2        | 3          |
| <b>6G-K17</b> | 2             | 6        | A        | 5        | 2          |
| <b>6GL7</b>   |               | 6        | C        | 4        | 2          |
|               |               | 6        | E        | 1        | 2          |
| <b>6GM5</b>   | 3             | 6        | C        | 6        | 8          |
| <b>6GM6</b>   |               | 6        | D        | 1        | 4          |
| <b>6GM8</b>   | 9             | 6        | E        | 2        | 3          |
|               | 9             | 6        | E        | 7        | 3          |
| <b>6GN6</b>   | 4,6,8         | 6        | E        | 1        | 4          |
|               |               | 6        | E        | 7        | 4          |
| <b>6GN8</b>   |               | 6        | C        | 7        | 3          |
|               |               | 6        | G        | 2        | 3          |
| <b>6GQ7</b>   | 3             | 6        | E        | 2        | 3          |
|               | 3             | 6        | E        | 6        | 3          |
|               | 3             | 6        | E        | 8        | 3          |
| <b>6GS7</b>   | 3             | 6        | E        | 1        | 3          |
|               | 3             | 6        | E        | 9        | 3          |
| <b>6GS8</b>   |               | 6        | D        | 7        | 3          |
| <b>6GT5</b>   | 1,6,8         | 6        | A        | 2        | 5          |
| <b>6GU5</b>   | 2             | 6        | D        | 1        | 4          |
| <b>6GU7</b>   |               | 6        | D        | 2        | 3          |
|               |               | 6        | D        | 7        | 3          |
| <b>6GV5</b>   | 1,2,6,7,8,9,0 | 6        | A        | 5        | 10         |
| <b>6GV7</b>   | 6             | 6        | E        | 7        | 3          |
|               | 6             | 6        | D        | 9        | 3          |
| <b>6GV8</b>   |               | 6        | B        | 9        | 3          |
|               |               | 6        | F        | 2        | 3          |
| <b>6GW5</b>   | 6             | 6        | D        | 2        | 4          |
| <b>6GW6</b>   |               | 6        | A        | 5        | 1          |
| <b>6GW8</b>   |               | 6        | C        | 8        | 3          |
|               |               | 6        | G        | 1        | 3          |
| <b>6GX6</b>   |               | 6        | E        | 1        | 4          |
| <b>6GX7</b>   | 3             | 6        | D        | 2        | 3          |
|               | 3             | 6        | D        | 9        | 3          |
| <b>6GY5</b>   | 1,2,6,7,8,9,0 | 6        | A        | 5        | 10         |
| <b>6GY6</b>   |               | 6        | E        | 1        | 4          |

| <b>TUBE</b>      | <b>A</b>      | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|------------------|---------------|----------|----------|----------|------------|
| <b>6GY8*</b>     |               | 6        | E        | 1        | 3          |
|                  |               | 6        | E        | 3        | 3          |
|                  |               | 6        | G        | 6        | 3          |
| Normal short H-K |               |          |          |          |            |
| <b>6GZ5</b>      | 5             | 6        | C        | 2        | 4          |
| <b>6H4</b>       |               | 6        | F        | 4        | 1          |
| <b>6H6</b>       |               | 6        | E        | 3        | 1          |
|                  |               | 6        | E        | 5        | 1          |
| <b>6H8</b>       |               | 6        | D        | 10       | 1          |
|                  |               | 6        | G        | 5        | 1          |
|                  |               | 6        | G        | 4        | 1          |
| <b>6H-31</b>     |               | 6        | D        | 1        | 4          |
| <b>6HA5</b>      | 2             | 6        | C        | 1        | 4          |
| <b>6HA6</b>      | 8,9           | 6        | C        | 2        | 3          |
| <b>6HB5</b>      | 1,5,6,8,9,0   | 6        | A        | 3        | 10         |
| <b>6HB6</b>      | 8,9           | 6        | C        | 2        | 3          |
| <b>6HB7</b>      | 3             | 6        | D        | 2        | 3          |
|                  | 3             | 6        | D        | 9        | 3          |
| <b>6HC8</b>      |               | 6        | C        | 3        | 3          |
|                  |               | 6        | F        | 1        | 3          |
| <b>6HD5</b>      | 1,2,6,8,9,0   | 6        | A        | 3        | 10         |
| <b>6HD7</b>      | 3             | 6        | F        | 2        | 3          |
|                  | 3             | 6        | F        | 9        | 3          |
| <b>6HE5</b>      | 1,5,7,8,9,0   | 6        | A        | 2        | 10         |
| <b>6HE7</b>      | 3,6,7,0       | 6        | A        | 2        | 10         |
|                  | 3,6,7,0       | 6        | A        | 9        | 10         |
| <b>6HF5</b>      | 1,2,6,7,8,9,0 | 6        | A        | 5        | 10         |
| <b>6HF8</b>      |               | 6        | D        | 7        | 3          |
|                  |               | 6        | F        | 2        | 3          |
| <b>6HG5</b>      | 7             | 6        | C        | 1        | 4          |
| <b>6HG8</b>      | 3             | 6        | D        | 2        | 3          |
|                  | 3             | 6        | D        | 6        | 3          |
| <b>6HJ5</b>      | 1,6,8,9,0     | 6        | A        | 3        | 10         |
| <b>6HJ7</b>      | 3             | 6        | F        | 2        | 3          |
|                  | 3             | 6        | F        | 9        | 3          |
| <b>6HJ8</b>      |               | 6        | D        | 2        | 3          |
|                  |               | 6        | G        | 8        | 3          |
| <b>6HK5</b>      | 2             | 6        | E        | 1        | 4          |
| <b>6HK8</b>      |               | 6        | E        | 7        | 3          |
| <b>6HL5</b>      | 1,6,8         | 6        | A        | 2        | 3          |

| TUBE | A           | B | C | D  | SKT |
|------|-------------|---|---|----|-----|
| 6HL8 |             | 6 | D | 2  | 3   |
|      |             | 6 | D | 9  | 3   |
| 6HM5 | 2           | 6 | D | 1  | 4   |
| 6HM6 | 1           | 6 | D | 2  | 3   |
| 6HQ5 | 2           | 6 | E | 1  | 4   |
| 6HQ6 |             | 6 | D | 1  | 4   |
| 6HR5 | 7           | 6 | A | 1  | 4   |
| 6HR6 |             | 6 | D | 1  | 4   |
| 6HS5 | 1,5,6,8,9,0 | 6 | A | 2  | 10  |
| 6HS6 |             | 6 | E | 1  | 4   |
| 6HS8 |             | 6 | D | 7  | 3   |
| 6HT5 | 1,3,5,7,9   | 6 | J | 6  | 10  |
| 6HT6 | 1           | 6 | D | 2  | 3   |
| 6HU6 | 2,6,8       | 6 | G | 1  | 3   |
| 6HU8 |             | 6 | C | 2  | 3   |
|      |             | 6 | C | 6  | 3   |
| 6HV5 | 1,5,6,8,9,0 | 6 | A | 2  | 10  |
| 6HW8 |             | 6 | E | 6  | 3   |
| 6HZ5 | 1,5,6,8,9,0 | 6 | A | 2  | 10  |
| 6HZ6 |             | 6 | F | 1  | 4   |
| 6HZ8 |             | 6 | D | 7  | 3   |
|      |             | 6 | E | 2  | 3   |
| 6J4  | 5,6         | 6 | H | 1  | 4   |
| 6J5  |             | 6 | E | 5  | 1   |
| 6J6  |             | 6 | E | 5  | 4   |
|      |             | 6 | E | 6  | 4   |
| 6J7  |             | 6 | F | 10 | 1   |
| 6J8  |             | 6 | F | 5  | 1   |
|      |             | 6 | F | 10 | 1   |
| 6J9  |             | 6 | F | 7  | 3   |
|      |             | 6 | F | 9  | 3   |
|      |             | 6 | F | 2  | 3   |
| 6J10 | 0           | 6 | C | 1  | 10  |
|      | 0           | 6 | H | 6  | 10  |
| 6J11 |             | 6 | D | 5  | 10  |
|      |             | 6 | D | 1  | 10  |
| 6JA5 | 1,9,0       | 6 | A | 2  | 10  |
| 6JA8 |             | 6 | D | 7  | 3   |
|      |             | 6 | F | 2  | 3   |
| 6JB5 | 1,9,0       | 6 | A | 2  | 10  |

| <b>TUBE</b> | <b>A</b>    | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-------------|-------------|----------|----------|----------|------------|
| <b>6JB6</b> | 6,7,9       | 6        | A        | 2        | 5          |
| <b>6JB8</b> |             | 6        | D        | 2        | 3          |
|             |             | 6        | F        | 7        | 3          |
| <b>6JC5</b> | 1,9,0       | 6        | A        | 2        | 10         |
| <b>6JC6</b> | 1           | 6        | D        | 2        | 3          |
| <b>6JC8</b> | 1           | 6        | E        | 8        | 3          |
|             | 1           | 6        | D        | 2        | 3          |
| <b>6JD5</b> | 1,5,6,8,9,0 | 6        | A        | 2        | 10         |
| <b>6JD6</b> | 1           | 6        | D        | 2        | 3          |
| <b>6JE6</b> | 6,7,9       | 6        | A        | 2        | 5          |
| <b>6JE8</b> |             | 6        | F        | 2        | 3          |
|             |             | 6        | D        | 7        | 3          |
| <b>6JF5</b> | 1,5,6,7,8,9 | 6        | A        | 3        | 10         |
| <b>6JF6</b> | 6,7,9       | 6        | A        | 2        | 5          |
| <b>6JG5</b> | 1,2,3       | 6        | B        | 7        | 3          |
| <b>6JG6</b> | 7,8         | 6        | A        | 2        | 5          |
| <b>6JH5</b> | 2,5,6,8,9,0 | 6        | A        | 1        | 10         |
| <b>6JH6</b> |             | 6        | D        | 1        | 4          |
| <b>6JH8</b> |             | 6        | D        | 6        | 3          |
| <b>6JK5</b> | 2,5,6,8,9,0 | 6        | A        | 1        | 10         |
| <b>6JK6</b> |             | 6        | D        | 1        | 4          |
| <b>6JK8</b> | 9           | 6        | E        | 2        | 3          |
|             | 9           | 6        | E        | 7        | 3          |
| <b>6JL6</b> |             | 6        | D        | 1        | 4          |
| <b>6JL8</b> |             | 6        | C        | 7        | 3          |
|             |             | 6        | E        | 2        | 3          |
| <b>6JM6</b> | 1,6,7,8,9,0 | 6        | A        | 5        | 10         |
| <b>6JM8</b> |             | 6        | D        | 2        | 3          |
|             |             | 6        | D        | 9        | 3          |
| <b>6JN6</b> | 5,6,8,9,0   | 6        | A        | 1        | 10         |
| <b>6JN8</b> |             | 6        | D        | 1        | 3          |
|             |             | 6        | D        | 9        | 3          |
| <b>6JO6</b> | 2,7         | 6        | A        | 8        | 3          |
|             | 2,7         | 6        | G        | 6        | 3          |
| <b>6JR6</b> | 7,8         | 6        | A        | 2        | 5          |
| <b>6JS6</b> | 1,7,9,0     | 6        | A        | 5        | 10         |
| <b>6JT6</b> | 7,8         | 6        | A        | 2        | 5          |
| <b>6JT8</b> |             | 6        | D        | 7        | 3          |
|             |             | 6        | F        | 2        | 3          |
| <b>6JU6</b> | 6,7,9       | 6        | A        | 2        | 5          |

| <b>TUBE</b> | <b>A</b>    | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-------------|-------------|----------|----------|----------|------------|
| <b>6JU8</b> | 1,6,8       | 6        | E        | 2        | 3          |
|             | 3,6,8       | 6        | E        | 1        | 3          |
|             | 2,6,7       | 6        | E        | 8        | 3          |
|             | 2,6,9       | 6        | E        | 7        | 3          |
| <b>6JV8</b> |             | 6        | D        | 7        | 3          |
|             |             | 6        | G        | 2        | 3          |
| <b>6JW6</b> | 6           | 6        | C        | 2        | 3          |
| <b>6JW8</b> |             | 6        | D        | 9        | 3          |
|             |             | 6        | C        | 2        | 3          |
| <b>6JX8</b> |             | 6        | E        | 2        | 3          |
|             |             | 6        | E        | 9        | 3          |
| <b>6JY8</b> |             | 6        | C        | 7        | 3          |
|             |             | 6        | D        | 2        | 3          |
| <b>6JZ6</b> | 1,6,7,8,9,0 | 6        | A        | 5        | 10         |
| <b>6JZ8</b> | 3,5,7       | 6        | C        | 6        | 10         |
|             | 3,5,7       | 6        | E        | 10       | 10         |
| <b>6K5</b>  |             | 6        | F        | 10       | 1          |
| <b>6K6</b>  |             | 6        | B        | 5        | 1          |
| <b>6K7</b>  |             | 6        | E        | 10       | 1          |
| <b>6K8</b>  |             | 6        | E        | 5        | 1          |
| <b>6K11</b> |             | 6        | F        | 1        | 10         |
|             |             | 6        | F        | 7        | 10         |
|             |             | 6        | D        | 9        | 10         |
| <b>6KA8</b> |             | 6        | E        | 6        | 3          |
|             |             | 6        | F        | 2        | 3          |
| <b>6KD6</b> | 1,6,7,8,9,0 | 6        | A        | 5        | 10         |
| <b>6KD8</b> |             | 6        | D        | 2        | 3          |
|             |             | 6        | D        | 9        | 3          |
| <b>6KE6</b> | 1,6,7,8,9,0 | 6        | A        | 5        | 10         |
| <b>6KE8</b> |             | 6        | D        | 9        | 3          |
|             |             | 6        | E        | 2        | 3          |
| <b>6KF8</b> |             | 6        | D        | 7        | 3          |
| <b>6KG6</b> | 6,7,8       | 6        | A        | 1        | 12         |
| <b>6KH8</b> |             | 6        | C        | 2        | 3          |
|             |             | 6        | C        | 6        | 3          |
| <b>6KL8</b> |             | 6        | D        | 2        | 3          |
|             |             | 6        | F        | 8        | 3          |
| <b>6KM6</b> | 6,7,9       | 6        | A        | 2        | 5          |
| <b>6KM8</b> |             | 6        | F        | 7        | 3          |
|             |             | 6        | H        | 3        | 3          |

| <b>TUBE</b> | <b>A</b>                | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-------------|-------------------------|----------|----------|----------|------------|
| <b>6KN6</b> | 1,6,7,8,9,0             | 6        | A        | 5        | 10         |
| <b>6KN8</b> | 9                       | 6        | D        | 2        | 3          |
|             | 9                       | 6        | D        | 7        | 3          |
| <b>6KR8</b> |                         | 6        | D        | 2        | 3          |
|             |                         | 6        | C        | 7        | 3          |
| <b>6KS6</b> |                         | 6        | H        | 5        | 4          |
|             | Emission and short test |          |          |          |            |
|             |                         | 6        | H        | 2        | 4          |
|             | Grid leakage test       |          |          |          |            |
| <b>6KS8</b> |                         | 6        | F        | 2        | 3          |
|             |                         | 6        | C        | 7        | 3          |
| <b>6KT6</b> | 3                       | 6        | D        | 2        | 3          |
| <b>6KT8</b> |                         | 6        | D        | 7        | 3          |
|             |                         | 6        | G        | 2        | 3          |
| <b>6KU8</b> |                         | 6        | D        | 7        | 3          |
|             |                         | 6        | G        | 3        | 3          |
|             |                         | 6        | G        | 2        | 3          |
| <b>6KV6</b> | 7,8                     | 6        | A        | 2        | 5          |
| <b>6KV8</b> |                         | 6        | C        | 7        | 3          |
|             |                         | 6        | F        | 2        | 3          |
| <b>6KW6</b> | 2,8,9                   | 6        | B        | 1        | 12         |
| <b>6KX6</b> |                         | 6        | G        | 1        | 3          |
|             |                         | 6        | G        | 10       | 3          |
| <b>6KX8</b> |                         | 6        | G        | 1        | 3          |
|             |                         | 6        | G        | 9        | 3          |
| <b>6KY6</b> | 3,6                     | 6        | C        | 2        | 3          |
| <b>6KY8</b> |                         | 6        | C        | 2        | 5          |
|             |                         | 6        | G        | 9        | 5          |
| <b>6KZ8</b> |                         | 6        | D        | 2        | 3          |
|             |                         | 6        | D        | 9        | 3          |
| <b>6L5</b>  |                         | 6        | F        | 5        | 1          |
| <b>6L6</b>  |                         | 6        | C        | 5        | 1          |
| <b>6L7</b>  |                         | 6        | F        | 10       | 1          |
| <b>6L10</b> |                         | 6        | C        | 4        | 1          |
| <b>6L12</b> |                         | 6        | D        | 2        | 3          |
|             |                         | 6        | D        | 7        | 3          |
| <b>6L13</b> | 9                       | 12       | F        | 2        | 3          |
|             | 9                       | 12       | F        | 7        | 3          |
| <b>6L16</b> | 2                       | 6        | D        | 3        | 3          |
|             | 2                       | 6        | D        | 7        | 3          |
| <b>6L31</b> | 7                       | 6        | C        | 1        | 4          |
| <b>6L34</b> | 5,6                     | 6        | E        | 1        | 4          |

| <b>TUBE</b>    | <b>A</b>      | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|----------------|---------------|----------|----------|----------|------------|
| <b>6L40</b>    | 1,6,8         | 6        | C        | 2        | 3          |
| <b>6L41</b>    | 8             | 6        | C        | 9        | 3          |
| <b>6L43</b>    | 1,8           | 6        | C        | 2        | 3          |
| <b>6LB6</b>    | 1,7,9,0       | 6        | A        | 5        | 10         |
| <b>6LB8</b>    |               | 6        | D        | 2        | 3          |
|                |               | 6        | D        | 7        | 3          |
| <b>6LC6</b>    | 3,4,8         | 6        | J        | 9        | 1          |
| <b>6LC8*</b>   |               | 6        | E        | 6        | 3          |
|                |               | 6        | F        | 2        | 3          |
| Normal short 3 |               |          |          |          |            |
| <b>6LD6</b>    | 6             | 6        | C        | 2        | 5          |
| <b>6LD8</b>    |               | 6        | D        | 7        | 3          |
|                |               | 6        | D        | 2        | 3          |
| <b>6LD12</b>   |               | 6        | F        | 8        | 3          |
|                |               | 6        | G        | 6        | 3          |
|                |               | 6        | G        | 2        | 3          |
|                |               | 6        | G        | 1        | 3          |
| <b>6LD13</b>   |               | 6        | F        | 8        | 3          |
|                |               | 6        | G        | 6        | 3          |
|                |               | 6        | G        | 2        | 3          |
| <b>6LE8</b>    |               | 6        | D        | 9        | 3          |
| <b>6LF6</b>    | 1,6,7,8,9,0   | 6        | A        | 5        | 10         |
| <b>6LF8</b>    |               | 6        | D        | 7        | 3          |
|                |               | 6        | G        | 2        | 3          |
| <b>6LG6</b>    | 2,3,6,7,8,9,0 | 6        | A        | 5        | 10         |
| <b>6LH6</b>    | 3,4,8         | 6        | H        | 5        | 1          |
| <b>6LJ6</b>    | 1,4,8         | 6        | H        | 5        | 1          |
| <b>6LJ8</b>    | 3             | 6        | D        | 1        | 3          |
|                | 3             | 6        | D        | 9        | 3          |
| <b>6LM8</b>    |               | 6        | D        | 2        | 3          |
|                |               | 6        | D        | 9        | 3          |
| <b>6LN8</b>    |               | 6        | D        | 2        | 3          |
|                |               | 6        | D        | 9        | 3          |
| <b>6LP8</b>    |               | 6        | D        | 7        | 3          |
|                |               | 6        | D        | 2        | 3          |
| <b>6LP12</b>   |               | 6        | C        | 3        | 3          |
|                |               | 6        | F        | 1        | 3          |
| <b>6LQ6</b>    | 6,7,9         | 6        | A        | 2        | 5          |
| <b>6LQ8</b>    |               | 6        | D        | 2        | 3          |
|                |               | 6        | D        | 7        | 3          |
| <b>6LR6</b>    | 1,6,7,8,9,0   | 6        | A        | 5        | 10         |

| <b>TUBE</b>  | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|---------------------|----------|----------|----------|------------|
| <b>6LR8</b>  |                     | 6        | C        | 2        | 5          |
|              |                     | 6        | D        | 9        | 5          |
| <b>6LT8</b>  | 6,7,8               | 6        | E        | 9        | 3          |
|              | 1                   | 6        | C        | 6        | 3          |
|              | 1                   | 6        | C        | 8        | 3          |
| <b>6LU6</b>  |                     | 6        | B        | 1        | 4          |
| <b>6LU8</b>  | 3,5,7               | 6        | B        | 6        | 10         |
|              | 3,5,7               | 6        | E        | 10       | 10         |
| <b>6LV6</b>  | 1,4,9,0             | 6        | A        | 5        | 10         |
| <b>6LW6</b>  | 1,6                 | 6        | A        | 5        | 2          |
| <b>6LX6</b>  | 1,6,7,8,9,0         | 6        | A        | 5        | 10         |
| <b>6LX8</b>  |                     | 6        | D        | 9        | 3          |
|              |                     | 6        | C        | 2        | 3          |
| <b>6LY8</b>  |                     | 6        | F        | 2        | 3          |
|              |                     | 6        | C        | 7        | 3          |
| <b>6LZ6</b>  | 6,7,9               | 6        | A        | 2        | 5          |
| <b>6M5</b>   | 6,8                 | 6        | C        | 2        | 3          |
| <b>6M6</b>   |                     | 6        | F        | 5        | 1          |
| <b>6M7</b>   |                     | 6        | D        | 10       | 1          |
| <b>6M8</b>   |                     | 6        | D        | 10       | 1          |
|              |                     | 6        | F        | 5        | 1          |
|              |                     | 6        | G        | 8        | 1          |
| <b>6M11</b>  |                     | 6        | D        | 2        | 10         |
|              |                     | 6        | E        | 5        | 10         |
|              |                     | 6        | E        | 8        | 10         |
| <b>6MA6*</b> | 1,2,5               | 6        | G        | 6        | 2          |
|              | Normal short 3, H-K |          |          |          |            |
| <b>6MB6</b>  | 1,7,9,0             | 6        | A        | 5        | 10         |
| <b>6MB8</b>  |                     | 6        | D        | 1        | 3          |
|              |                     | 6        | E        | 9        | 3          |
| <b>6MC6</b>  | 6,7,9               | 6        | A        | 2        | 5          |
| <b>6MD8</b>  |                     | 6        | D        | 6        | 5          |
|              |                     | 6        | D        | 9        | 5          |
|              |                     | 6        | D        | 8        | 5          |
| <b>6ME6</b>  | 6,7,9               | 6        | A        | 2        | 5          |
| <b>6ME8</b>  |                     | 6        | D        | 6        | 3          |
| <b>6MF8</b>  | 3,5,7               | 6        | A        | 6        | 10         |
|              | 3,5,7               | 6        | E        | 10       | 10         |
| <b>6MG8</b>  |                     | 6        | D        | 9        | 3          |
|              |                     | 6        | E        | 2        | 3          |
| <b>6M-H1</b> | 5,6                 | 6        | G        | 1        | 4          |
| <b>6MH6</b>  | 1,7,9,0             | 6        | A        | 5        | 10         |

| TUBE                | A         | B | C | D  | SKT |
|---------------------|-----------|---|---|----|-----|
| 6M-HH3              |           | 6 | E | 5  | 4   |
|                     |           | 6 | E | 6  | 4   |
| 6MJ8                |           | 6 | D | 1  | 10  |
|                     |           | 6 | D | 8  | 10  |
|                     |           | 6 | D | 10 | 10  |
| 6MK8                |           | 6 | E | 7  | 3   |
| 6ML8                |           | 6 | D | 6  | 3   |
|                     |           | 6 | D | 8  | 3   |
|                     |           | 6 | D | 9  | 3   |
| 6MN8                |           | 6 | D | 1  | 10  |
|                     |           | 6 | D | 8  | 10  |
|                     |           | 6 | D | 10 | 10  |
| 6M-P20              |           | 6 | C | 1  | 4   |
| 6MQ8                |           | 6 | E | 2  | 3   |
|                     |           | 6 | D | 9  | 3   |
| 6MU8                |           | 6 | C | 2  | 3   |
|                     |           | 6 | E | 9  | 3   |
| 6MV8                |           | 6 | F | 2  | 3   |
|                     |           | 6 | D | 7  | 3   |
| 6MY8                | 7         | 6 | F | 2  | 3   |
|                     | 7         | 6 | D | 7  | 3   |
| 6N3                 | 1,2,6,7,8 | 6 | A | 9  | 3   |
| 6N4                 | 6,7       | 6 | D | 1  | 4   |
| 6N7                 |           | 6 | E | 4  | 1   |
|                     |           | 6 | E | 5  | 1   |
| 6N8                 |           | 6 | F | 2  | 3   |
|                     |           | 6 | G | 7  | 3   |
|                     |           | 6 | G | 8  | 3   |
| 6N-H10              |           | 6 | G | 4  | 6   |
| 6NK7                |           | 6 | F | 10 | 1   |
| 6N-L7               |           | 6 | F | 4  | 6   |
| 6P5                 |           | 6 | F | 5  | 1   |
| 6P7*                |           | 6 | F | 10 | 1   |
| Normal short 3, H-K |           |   |   |    |     |
| 6P8                 |           | 6 | E | 10 | 1   |
|                     |           | 6 | F | 5  | 1   |
| 6P9                 | 7         | 6 | C | 1  | 4   |
| 6P15                | 1,6,8     | 6 | C | 2  | 3   |
| 6P17                |           | 6 | C | 1  | 4   |
| 6P25                |           | 6 | F | 5  | 1   |

| TUBE   | A             | B | C | D  | SKT |
|--------|---------------|---|---|----|-----|
| 6PL12  |               | 8 | C | 3  | 3   |
|        |               | 8 | F | 1  | 3   |
| 6PP22  | 2,8           | 6 | D | 9  | 3   |
| 6Q4    | 7             | 6 | G | 1  | 8   |
| 6Q5    |               | 6 | F | 5  | 1   |
| 6Q6    |               | 6 | F | 10 | 1   |
|        |               | 6 | G | 5  | 1   |
| 6Q7    |               | 6 | F | 10 | 1   |
|        |               | 6 | G | 5  | 1   |
|        |               | 6 | G | 4  | 1   |
| 6Q8    |               | 6 | E | 5  | 1   |
| 6Q11   |               | 6 | D | 9  | 10  |
|        |               | 6 | F | 7  | 10  |
|        |               | 6 | F | 1  | 10  |
| 6QL6   | 1,2,3         | 6 | B | 9  | 3   |
| 6R3    | 1,2,3,6,7,8   | 6 | A | 9  | 3   |
| 6R4    |               | 6 | C | 1  | 3   |
| 6R6    |               | 6 | E | 10 | 1   |
| 6R7    |               | 6 | E | 10 | 1   |
|        |               | 6 | G | 5  | 1   |
|        |               | 6 | G | 4  | 1   |
| 6R8    |               | 6 | E | 8  | 3   |
|        |               | 6 | G | 6  | 3   |
|        |               | 6 | G | 2  | 3   |
|        |               | 6 | G | 1  | 3   |
| 6R-HH2 |               | 6 | E | 2  | 3   |
|        |               | 6 | E | 7  | 3   |
| 6R-HH8 | 9             | 6 | D | 2  | 3   |
|        | 9             | 6 | D | 7  | 3   |
| 6R-K19 | 1,2,3,6,7,8   | 6 | A | 9  | 3   |
| 6R-P15 | 2             | 6 | A | 1  | 3   |
| 6R-P22 | 8,9           | 6 | A | 2  | 3   |
| 6S2    | 1,2,3,6,7,8,9 | 6 | H | 10 | 8   |
| 6S4    | 1,6,7,8       | 6 | B | 3  | 3   |
| 6S6    |               | 6 | D | 10 | 1   |
| 6S7    |               | 6 | E | 10 | 1   |
| 6S8    |               | 6 | F | 10 | 2   |
|        |               | 6 | G | 4  | 2   |
|        |               | 6 | G | 3  | 2   |
|        |               | 6 | G | 1  | 2   |

| <b>TUBE</b> | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-------------|----------|----------|----------|----------|------------|
| <b>6SA7</b> |          | 6        | D        | 5        | 1          |
| <b>6SB7</b> |          | 6        | D        | 5        | 1          |
| <b>6SC7</b> |          | 6        | F        | 3        | 2          |
|             |          | 6        | F        | 4        | 2          |
| <b>6SD7</b> |          | 6        | D        | 4        | 1          |
| <b>6SE7</b> |          | 6        | F        | 4        | 1          |
| <b>6SF5</b> |          | 6        | F        | 3        | 2          |
| <b>6SF7</b> |          | 6        | D        | 2        | 2          |
|             |          | 6        | G        | 5        | 2          |
| <b>6SG7</b> | 5        | 6        | D        | 4        | 1          |
| <b>6SH7</b> | 5        | 6        | D        | 4        | 1          |
| <b>6SH8</b> |          | 6        | E        | 7        | 3          |
| <b>6SJ7</b> |          | 6        | E        | 4        | 1          |
| <b>6SK7</b> |          | 6        | D        | 4        | 1          |
| <b>6SL7</b> |          | 6        | F        | 1        | 2          |
|             |          | 6        | F        | 4        | 2          |
| <b>6SN7</b> |          | 6        | E        | 1        | 2          |
|             |          | 6        | E        | 4        | 2          |
| <b>6SQ7</b> |          | 6        | F        | 2        | 2          |
|             |          | 6        | G        | 4        | 2          |
|             |          | 6        | G        | 5        | 2          |
| <b>6SR7</b> |          | 6        | E        | 2        | 2          |
|             |          | 6        | G        | 4        | 2          |
|             |          | 6        | G        | 5        | 2          |
| <b>6SS7</b> |          | 6        | E        | 4        | 1          |
| <b>6ST1</b> |          | 6        | D        | 9        | 3          |
|             |          | 6        | F        | 2        | 3          |
| <b>6ST7</b> |          | 6        | F        | 2        | 2          |
|             |          | 6        | G        | 4        | 2          |
|             |          | 6        | G        | 5        | 2          |
| <b>6SU7</b> |          | 6        | F        | 1        | 2          |
|             |          | 6        | F        | 4        | 2          |
| <b>6SV7</b> |          | 6        | F        | 2        | 2          |
|             |          | 6        | G        | 5        | 2          |
| <b>6SZ7</b> |          | 6        | F        | 2        | 2          |
|             |          | 6        | G        | 4        | 2          |
|             |          | 6        | G        | 5        | 2          |
| <b>6T1</b>  | 6,7      | 6        | D        | 2        | 4          |
| <b>6T4</b>  | 6,7      | 6        | D        | 2        | 4          |

| <b>TUBE</b> | <b>A</b>  | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-------------|-----------|----------|----------|----------|------------|
| <b>6T6</b>  |           | 6        | E        | 10       | 1          |
|             |           | 6        | F        | 10       | 1          |
|             |           | 6        | G        | 5        | 1          |
|             |           | 6        | G        | 4        | 1          |
| <b>6T7</b>  |           | 6        | G        | 10       | 1          |
|             |           | 6        | G        | 5        | 1          |
|             |           | 6        | G        | 4        | 1          |
| <b>6T8</b>  |           | 6        | F        | 8        | 3          |
|             |           | 6        | G        | 6        | 3          |
|             |           | 6        | G        | 2        | 3          |
|             |           | 6        | G        | 1        | 3          |
| <b>6T9</b>  |           | 6        | C        | 8        | 10         |
|             |           | 6        | D        | 4        | 10         |
| <b>6T10</b> |           | 6        | G        | 3        | 10         |
|             |           | 6        | B        | 8        | 10         |
| <b>6TE8</b> |           | 6        | F        | 5        | 1          |
|             |           | 6        | F        | 10       | 1          |
| <b>6TE9</b> |           | 6        | F        | 7        | 3          |
|             |           | 6        | F        | 8        | 3          |
| <b>6TH8</b> |           | 6        | F        | 5        | 1          |
|             |           | 6        | F        | 10       | 1          |
| <b>6U3</b>  | 1,2,6,7,8 | 6        | A        | 9        | 3          |
| <b>6U4</b>  | 1,2,4,6   | 6        | A        | 5        | 2          |
| <b>6U6</b>  |           | 6        | C        | 5        | 1          |
| <b>6U7</b>  |           | 6        | E        | 10       | 1          |
| <b>6U8</b>  |           | 6        | D        | 2        | 3          |
|             |           | 6        | D        | 9        | 3          |
| <b>6U9</b>  |           | 6        | D        | 3        | 11         |
|             |           | 6        | D        | 10       | 11         |
| <b>6U10</b> |           | 6        | E        | 1        | 10         |
|             |           | 6        | E        | 7        | 10         |
|             |           | 6        | E        | 9        | 10         |
| <b>6V3</b>  | 3         | 6        | A        | 7        | 8          |
| <b>6V4</b>  | 6         | 6        | A        | 1        | 8          |
|             | 6         | 6        | A        | 7        | 8          |
| <b>6V5</b>  |           | 6        | C        | 5        | 2          |
| <b>6V6</b>  |           | 6        | C        | 5        | 1          |
| <b>6V7</b>  |           | 6        | F        | 10       | 1          |
|             |           | 6        | G        | 5        | 1          |
|             |           | 6        | G        | 4        | 1          |

| <b>TUBE</b> | <b>A</b>                                  | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-------------|-------------------------------------------|----------|----------|----------|------------|
| <b>6V8</b>  |                                           | 6        | F        | 6        | 3          |
|             |                                           | 6        | G        | 9        | 3          |
|             |                                           | 6        | G        | 7        | 3          |
|             |                                           | 6        | G        | 2        | 3          |
| <b>6V9</b>  |                                           | 6        | D        | 8        | 11         |
|             |                                           | 6        | E        | 3        | 11         |
| <b>6W2</b>  |                                           | 6        | J        | 10       | 3          |
|             | Insert leads into pins 1 & 5, use top cap |          |          |          |            |
| <b>6W4</b>  | 1,2,4,6                                   | 6        | A        | 5        | 2          |
| <b>6W5</b>  |                                           | 6        | B        | 3        | 1          |
|             |                                           | 6        | B        | 5        | 1          |
| <b>6W6</b>  |                                           | 6        | C        | 5        | 1          |
| <b>6W7</b>  |                                           | 6        | F        | 10       | 1          |
| <b>6W9</b>  |                                           | 6        | C        | 8        | 11         |
|             |                                           | 6        | D        | 1        | 11         |
| <b>6X2</b>  |                                           | 6        | J        | 10       | 3          |
|             | Insert leads into pins 1&5, use top cap   |          |          |          |            |
| <b>6X4</b>  |                                           | 6        | B        | 1        | 4          |
|             |                                           | 6        | B        | 6        | 4          |
| <b>6X5</b>  |                                           | 6        | B        | 5        | 1          |
|             |                                           | 6        | B        | 3        | 1          |
| <b>6X6</b>  |                                           | 6        | F        | 3        | 1          |
|             |                                           | 6        | G        | 5        | 1          |
| <b>6X8</b>  |                                           | 6        | E        | 2        | 3          |
|             |                                           | 6        | E        | 7        | 3          |
| <b>6X9</b>  |                                           | 6        | D        | 3        | 11         |
|             |                                           | 6        | E        | 10       | 11         |
| <b>6Y3</b>  |                                           | 6        | F        | 10       | 1          |
| <b>6Y6</b>  |                                           | 6        | C        | 5        | 1          |
| <b>6Y7</b>  |                                           | 6        | F        | 4        | 1          |
|             |                                           | 6        | F        | 5        | 1          |
| <b>6Y9</b>  |                                           | 6        | C        | 8        | 11         |
|             |                                           | 6        | D        | 1        | 11         |
| <b>6Y10</b> |                                           | 6        | C        | 3        | 10         |
|             |                                           | 6        | F        | 8        | 10         |
| <b>6Z4</b>  |                                           | 6        | A        | 1        | 4          |
|             |                                           | 6        | A        | 6        | 4          |
| <b>6Z7</b>  |                                           | 6        | F        | 4        | 1          |
|             |                                           | 6        | F        | 5        | 1          |
| <b>6Z10</b> | 0                                         | 6        | C        | 1        | 10         |
|             | 0                                         | 6        | H        | 7        | 10         |

| <b>TUBE</b> | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-------------|----------|----------|----------|----------|------------|
| <b>6Z31</b> |          | 6        | B        | 1        | 4          |
|             |          | 6        | B        | 6        | 4          |
| <b>6ZY5</b> |          | 6        | A        | 3        | 1          |
|             |          | 6        | A        | 5        | 1          |
| <b>7A4</b>  | 5        | 6        | E        | 6        | 9          |
| <b>7A5</b>  |          | 6        | C        | 6        | 9          |
| <b>7A6</b>  |          | 6        | E        | 3        | 9          |
|             |          | 6        | E        | 6        | 9          |
| <b>7A7</b>  |          | 6        | E        | 6        | 9          |
| <b>7A8</b>  |          | 6        | E        | 4        | 9          |
| <b>7AB7</b> | 6,7      | 6        | F        | 5        | 1          |
| <b>7AD7</b> |          | 6        | C        | 6        | 9          |
| <b>7AF7</b> |          | 6        | E        | 4        | 9          |
|             |          | 6        | E        | 5        | 9          |
| <b>7AG7</b> |          | 6        | E        | 6        | 9          |
| <b>7AH7</b> |          | 6        | E        | 6        | 9          |
| <b>7AJ7</b> |          | 6        | E        | 6        | 9          |
| <b>7AK7</b> |          | 6        | C        | 6        | 9          |
| <b>7AN7</b> | 7        | 7        | E        | 2        | 3          |
|             | 7        | 7        | E        | 6        | 3          |
| <b>7AU7</b> | 9        | 7        | D        | 2        | 3          |
|             | 9        | 7        | D        | 7        | 3          |
| <b>7B4</b>  |          | 6        | F        | 6        | 9          |
| <b>7B5</b>  |          | 6        | C        | 6        | 9          |
| <b>7B6</b>  | 4        | 6        | F        | 3        | 9          |
|             | 4        | 6        | G        | 5        | 9          |
|             | 4        | 6        | G        | 6        | 9          |
| <b>7B7</b>  |          | 6        | E        | 6        | 9          |
| <b>7B8</b>  |          | 6        | F        | 4        | 9          |
| <b>7BL8</b> |          | 6        | E        | 2        | 3          |
|             |          | 6        | E        | 9        | 3          |
| <b>7C4</b>  |          | 6        | F        | 4        | 9          |
| <b>7C5</b>  |          | 6        | C        | 6        | 9          |
| <b>7C6</b>  | 4        | 6        | F        | 3        | 9          |
|             | 4        | 6        | G        | 5        | 9          |
|             | 4        | 6        | G        | 6        | 9          |
| <b>7C7</b>  |          | 6        | E        | 6        | 9          |
| <b>7D7</b>  |          | 6        | D        | 6        | 9          |
|             |          | 6        | F        | 4        | 9          |
| <b>7D9</b>  |          | 6        | D        | 1        | 4          |
| <b>7D10</b> | 1,6      | 6        | C        | 2        | 3          |
| <b>7D11</b> |          | 6        | A        | 5        | 1          |

| <b>TUBE</b>   | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|---------------------|----------|----------|----------|------------|
| <b>7DJ8</b>   |                     | 7        | D        | 2        | 3          |
|               |                     | 7        | D        | 7        | 3          |
| <b>7E5*</b>   | 3,5,6               | 6        | F        | 1        | 9          |
|               | Normal short 7, H-K |          |          |          |            |
| <b>7E6</b>    | 4                   | 6        | F        | 3        | 9          |
|               | 4                   | 6        | G        | 5        | 9          |
|               | 4                   | 6        | G        | 6        | 9          |
| <b>7E7</b>    |                     | 6        | E        | 6        | 9          |
|               |                     | 6        | G        | 4        | 9          |
|               |                     | 6        | G        | 3        | 9          |
| <b>7ED7</b>   | 3                   | 7        | E        | 2        | 3          |
| <b>7EK7</b>   | 7                   | 7        | E        | 2        | 3          |
|               | 7                   | 7        | E        | 6        | 3          |
| <b>7ES8</b>   |                     | 7        | D        | 2        | 3          |
|               |                     | 7        | D        | 7        | 3          |
| <b>7EY6</b>   |                     | 7        | C        | 5        | 1          |
| <b>7F7</b>    |                     | 6        | F        | 4        | 9          |
|               |                     | 6        | F        | 5        | 9          |
| <b>7F8</b>    |                     | 6        | F        | 1        | 1          |
|               |                     | 6        | F        | 8        | 1          |
| <b>7FC7</b>   | 7                   | 7        | D        | 2        | 3          |
|               | 7                   | 7        | D        | 6        | 3          |
| <b>7G7</b>    |                     | 6        | F        | 6        | 9          |
| <b>7G8</b>    |                     | 6        | F        | 4        | 9          |
|               |                     | 6        | F        | 5        | 9          |
| <b>7GS7</b>   | 3                   | 7        | E        | 1        | 3          |
|               |                     | 7        | E        | 9        | 3          |
| <b>7GV7</b>   | 6                   | 7        | E        | 9        | 3          |
|               | 6                   | 7        | D        | 7        | 3          |
| <b>7H7</b>    |                     | 6        | D        | 6        | 9          |
| <b>7HG8</b>   | 3                   | 7        | D        | 2        | 3          |
|               | 3                   | 7        | D        | 6        | 3          |
| <b>7J7</b>    |                     | 6        | F        | 4        | 9          |
|               |                     | 6        | E        | 6        | 9          |
| <b>7K7</b>    |                     | 6        | F        | 4        | 9          |
|               |                     | 6        | G        | 5        | 9          |
|               |                     | 6        | G        | 6        | 9          |
| <b>7KY6</b>   | 3,6                 | 7        | C        | 2        | 3          |
| <b>7KZ6</b>   | 3,6                 | 7        | C        | 2        | 3          |
| <b>7L7</b>    |                     | 6        | F        | 6        | 9          |
| <b>7M-P18</b> | 7                   | 7        | A        | 1        | 4          |

| <b>TUBE</b>  | <b>A</b>       | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|----------------|----------|----------|----------|------------|
| <b>7N7</b>   |                | 6        | E        | 4        | 9          |
|              |                | 6        | E        | 5        | 9          |
| <b>7Q7</b>   |                | 6        | E        | 4        | 9          |
| <b>7R7</b>   |                | 6        | F        | 6        | 9          |
|              |                | 6        | G        | 4        | 9          |
|              |                | 6        | G        | 3        | 9          |
| <b>7S7</b>   |                | 6        | D        | 6        | 9          |
|              |                | 6        | E        | 4        | 9          |
| <b>7T7</b>   |                | 6        | E        | 6        | 9          |
| <b>7V7</b>   |                | 6        | E        | 6        | 9          |
| <b>7W7</b>   | 4              | 6        | D        | 6        | 9          |
| <b>7X6</b>   |                | 6        | B        | 3        | 9          |
|              |                | 6        | B        | 6        | 9          |
| <b>7X7</b>   |                | 6        | F        | 3        | 9          |
|              |                | 6        | G        | 5        | 9          |
|              |                | 6        | G        | 6        | 9          |
| <b>7Y4</b>   | 4              | 6        | B        | 3        | 9          |
|              | 4              | 6        | B        | 6        | 9          |
| <b>7Z4</b>   | 4              | 6        | B        | 3        | 9          |
|              | 4              | 6        | B        | 6        | 9          |
| <b>8A8</b>   |                | 8        | D        | 2        | 3          |
|              |                | 8        | E        | 9        | 3          |
| <b>8AC9*</b> |                | 8        | D        | 2        | 10         |
|              | 2              | 8        | D        | 3        | 10         |
|              |                | 8        | D        | 9        | 10         |
|              | Normal short 3 |          |          |          |            |
| <b>8AC10</b> | 8              | 8        | E        | 1        | 10         |
|              | 8              | 8        | E        | 7        | 10         |
|              | 8              | 8        | E        | 9        | 10         |
| <b>8AG10</b> |                | 8        | D        | 1        | 10         |
| <b>8AL9</b>  | 8              | 8        | E        | 5        | 10         |
|              | 8              | 8        | C        | 1        | 10         |
| <b>8AR11</b> |                | 8        | D        | 5        | 10         |
|              |                | 8        | D        | 10       | 10         |
| <b>8AU8</b>  |                | 8        | D        | 7        | 3          |
|              |                | 8        | E        | 2        | 3          |
| <b>8AV11</b> |                | 8        | D        | 1        | 10         |
|              |                | 8        | D        | 7        | 10         |
|              |                | 8        | D        | 9        | 10         |

| <b>TUBE</b>  | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|----------|----------|----------|----------|------------|
| <b>8AW8</b>  |          | 8        | D        | 7        | 3          |
|              |          | 8        | F        | 2        | 3          |
| <b>8B8</b>   |          | 8        | C        | 3        | 3          |
|              |          | 8        | F        | 1        | 3          |
| <b>8B10</b>  |          | 8        | E        | 3        | 10         |
|              |          | 8        | E        | 5        | 10         |
|              |          | 8        | F        | 8        | 10         |
|              |          | 8        | F        | 10       | 10         |
| <b>8BA8</b>  |          | 8        | D        | 7        | 3          |
|              |          | 8        | E        | 2        | 3          |
| <b>8BA11</b> |          | 8        | D        | 4        | 10         |
|              |          | 8        | E        | 9        | 10         |
| <b>8BH8</b>  |          | 8        | D        | 7        | 3          |
|              |          | 8        | E        | 2        | 3          |
| <b>8BM11</b> |          | 8        | D        | 6        | 10         |
|              |          | 8        | E        | 1        | 10         |
| <b>8BN8</b>  |          | 8        | D        | 1        | 3          |
|              |          | 8        | D        | 6        | 3          |
|              |          | 8        | E        | 8        | 3          |
| <b>8BN11</b> |          | 8        | E        | 3        | 10         |
|              |          | 8        | E        | 7        | 10         |
| <b>8BQ5</b>  | 1,6,8    | 8        | C        | 2        | 3          |
| <b>8BQ7</b>  |          | 8        | E        | 2        | 3          |
|              |          | 8        | E        | 7        | 3          |
| <b>8BQ11</b> |          | 8        | E        | 5        | 10         |
|              |          | 8        | E        | 10       | 10         |
| <b>8BU11</b> |          | 8        | D        | 4        | 10         |
|              |          | 8        | D        | 6        | 10         |
|              |          | 8        | D        | 8        | 10         |
| <b>8BV7</b>  | 7        | 8        | E        | 8        | 3          |
|              | 7        | 8        | G        | 6        | 3          |
|              | 7        | 8        | G        | 1        | 3          |
| <b>8CB11</b> |          | 8        | C        | 5        | 10         |
|              |          | 8        | C        | 10       | 10         |
| <b>8CG7</b>  | 9        | 8        | E        | 2        | 3          |
|              | 9        | 8        | E        | 7        | 3          |
| <b>8CM7</b>  | 2        | 8        | D        | 7        | 3          |
|              | 2        | 8        | D        | 8        | 3          |

| <b>TUBE</b> | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SR I</b> |
|-------------|----------|----------|----------|----------|-------------|
| <b>8CN7</b> | 9        | 8        | F        | 1        | 3           |
|             | 9        | 8        | F        | 2        | 3           |
|             | 9        | 8        | F        | 7        | 3           |
| <b>8CS7</b> | 2        | 8        | C        | 3        | 3           |
|             | 2        | 8        | F        | 7        | 3           |
| <b>8CW5</b> | 1,6,8    | 8        | C        | 2        | 3           |
| <b>8CX8</b> |          | 8        | C        | 7        | 3           |
|             |          | 8        | E        | 2        | 3           |
| <b>8CY7</b> | 2        | 8        | C        | 3        | 3           |
|             | 2        | 8        | E        | 7        | 3           |
| <b>8D3</b>  |          | 6        | E        | 1        | 4           |
| <b>8D4</b>  |          | 6        | F        | 10       | 1           |
| <b>8D5</b>  | 6,7,9    | 9        | E        | 2        | 3           |
|             | 6,9      | 9        | E        | 7        | 3           |
|             | 7,9      | 9        | E        | 6        | 3           |
| <b>8D6</b>  | 3        | 6        | D        | 2        | 3           |
| <b>8D7</b>  | 1        | 6        | G        | 10       | 3           |
| <b>8D8</b>  | 2        | 8        | G        | 9        | 3           |
| <b>8DX8</b> |          | 8        | D        | 8        | 3           |
|             |          | 8        | F        | 1        | 3           |
| <b>8EB8</b> |          | 8        | C        | 7        | 3           |
|             |          | 8        | F        | 2        | 3           |
| <b>8EM5</b> | 2,6,8    | 8        | C        | 3        | 3           |
| <b>8ET7</b> |          | 8        | D        | 7        | 3           |
|             |          | 8        | G        | 3        | 3           |
|             |          | 8        | G        | 2        | 3           |
| <b>8FQ7</b> |          | 8        | D        | 2        | 3           |
|             |          | 8        | E        | 7        | 3           |
| <b>8GJ7</b> | 3        | 8        | D        | 2        | 3           |
|             | 3        | 8        | E        | 9        | 3           |
| <b>8GK6</b> | 3        | 8        | C        | 2        | 3           |
| <b>8GM6</b> |          | 8        | D        | 1        | 4           |
| <b>8GM8</b> |          | 8        | C        | 7        | 3           |
|             |          | 8        | G        | 2        | 3           |
| <b>8GN8</b> |          | 8        | C        | 7        | 3           |
|             |          | 8        | F        | 2        | 3           |
| <b>8GU7</b> |          | 8        | D        | 2        | 3           |
|             |          | 8        | D        | 7        | 3           |
| <b>8GX7</b> | 3        | 8        | D        | 2        | 3           |
|             | 3        | 8        | D        | 9        | 3           |
| <b>8HA6</b> | 8,9      | 8        | C        | 2        | 3           |

| TUBE           | A     | B | C | D | SKT |
|----------------|-------|---|---|---|-----|
| 8HG8           | 3     | 8 | D | 2 | 3   |
|                | 3     | 8 | D | 6 | 3   |
| 8JE8           |       | 8 | D | 7 | 3   |
|                |       | 8 | F | 2 | 3   |
| 8JK8           | 9     | 8 | E | 2 | 3   |
|                | 9     | 8 | E | 7 | 3   |
| 8JL8           |       | 8 | C | 7 | 3   |
|                |       | 8 | E | 2 | 3   |
| 8JT8           |       | 8 | D | 7 | 3   |
|                |       | 8 | F | 2 | 3   |
| 8JU8           | 1,6,8 | 8 | E | 2 | 3   |
|                | 3,6,8 | 8 | E | 1 | 3   |
|                | 2,6,7 | 8 | E | 8 | 3   |
|                | 2,6,9 | 8 | E | 7 | 3   |
| 8JV8           |       | 8 | D | 7 | 3   |
|                |       | 8 | G | 2 | 3   |
| 8KA8           |       | 8 | E | 6 | 3   |
|                |       | 8 | F | 2 | 3   |
| 8KR8           |       | 8 | D | 2 | 3   |
|                |       | 8 | B | 7 | 3   |
| 8KS8           |       | 8 | F | 2 | 3   |
|                |       | 8 | C | 7 | 3   |
| 8LC8*          |       | 8 | E | 6 | 3   |
|                |       | 8 | F | 2 | 3   |
| Normal short 3 |       |   |   |   |     |
| 8LE8           |       | 8 | D | 9 | 3   |
| 8LN8           |       | 8 | D | 2 | 3   |
|                |       | 8 | D | 9 | 3   |
| 8LS6           | 3,6   | 8 | D | 2 | 3   |
| 8LT8           | 1     | 8 | C | 6 | 3   |
|                | 1     | 8 | C | 8 | 3   |
|                | 6,7,8 | 8 | E | 9 | 3   |
| 8MU8           |       | 8 | C | 2 | 3   |
|                |       | 8 | E | 9 | 3   |
| 8R-HP1         |       | 8 | C | 3 | 3   |
|                |       | 8 | F | 1 | 3   |
| 8R-LP1         |       | 8 | C | 3 | 3   |
|                |       | 8 | F | 1 | 3   |
| 8SN7           |       | 8 | E | 1 | 2   |
|                |       | 8 | E | 4 | 2   |

| TUBE  | A     | B | C | D  | SKT |
|-------|-------|---|---|----|-----|
| 8TL8  | 6,7,8 | 8 | E | 9  | 3   |
|       | 1     | 8 | C | 6  | 3   |
|       | 1     | 8 | C | 8  | 3   |
| 8U9   |       | 8 | D | 3  | 11  |
|       |       | 8 | D | 10 | 11  |
| 8X9   |       | 8 | D | 3  | 11  |
|       |       | 8 | E | 10 | 11  |
| 9A8   |       | 9 | D | 2  | 3   |
|       |       | 9 | D | 9  | 3   |
| 9AB4  | 2     | 9 | E | 6  | 4   |
| 9AH9  | 5     | 9 | E | 2  | 10  |
|       | 5     | 9 | C | 6  | 10  |
| 9AK8  |       | 9 | F | 8  | 3   |
|       |       | 9 | G | 6  | 3   |
|       |       | 9 | G | 2  | 3   |
|       |       | 9 | G | 1  | 3   |
| 9AK10 |       | 9 | E | 1  | 10  |
|       |       | 9 | E | 7  | 10  |
|       |       | 9 | E | 9  | 10  |
| 9AM10 | 8     | 9 | E | 1  | 10  |
|       | 8     | 9 | E | 7  | 10  |
|       | 8     | 9 | E | 9  | 10  |
| 9AQ8  |       | 9 | D | 2  | 3   |
|       |       | 9 | D | 7  | 3   |
| 9AU7  | 9     | 9 | D | 2  | 3   |
|       | 9     | 9 | D | 7  | 3   |
| 9AU8  |       | 9 | E | 2  | 3   |
|       |       | 9 | E | 7  | 3   |
| 9BJ11 |       | 9 | E | 1  | 10  |
|       |       | 9 | E | 6  | 10  |
| 9BM5  |       | 9 | C | 1  | 4   |
| 9BR7  | 6,7,9 | 9 | E | 2  | 3   |
|       | 6,9   | 9 | E | 7  | 3   |
|       | 7,9   | 9 | E | 6  | 3   |
| 9BR8  |       | 9 | D | 9  | 3   |
|       |       | 9 | E | 1  | 3   |
| 9BW6  | 1,6   | 9 | C | 2  | 3   |
| 9CG8  | 3     | 9 | E | 1  | 3   |
|       | 3     | 9 | E | 9  | 3   |
| 9CL8  |       | 9 | D | 1  | 3   |
|       |       | 9 | D | 9  | 3   |
| 9D6   |       | 9 | F | 1  | 4   |

| <b>TUBE</b>   | <b>A</b>         | <b>B</b> | <b>C</b> | <b>D</b>  | <b>SKT</b> |
|---------------|------------------|----------|----------|-----------|------------|
| <b>9D7</b>    | <b>1</b>         | <b>9</b> | <b>E</b> | <b>2</b>  | <b>3</b>   |
| <b>9DZ8</b>   |                  | <b>9</b> | <b>C</b> | <b>3</b>  | <b>3</b>   |
|               |                  | <b>9</b> | <b>F</b> | <b>1</b>  | <b>3</b>   |
| <b>9EA8</b>   |                  | <b>9</b> | <b>D</b> | <b>9</b>  | <b>3</b>   |
|               |                  | <b>9</b> | <b>D</b> | <b>2</b>  | <b>3</b>   |
| <b>9ED4</b>   | <b>2,3,6,7,9</b> | <b>9</b> | <b>G</b> | <b>8</b>  | <b>12</b>  |
| <b>9EF6</b>   |                  | <b>9</b> | <b>C</b> | <b>5</b>  | <b>1</b>   |
| <b>9GH8</b>   |                  | <b>9</b> | <b>D</b> | <b>2</b>  | <b>3</b>   |
|               |                  | <b>9</b> | <b>D</b> | <b>9</b>  | <b>3</b>   |
| <b>9GV8</b>   |                  | <b>9</b> | <b>B</b> | <b>9</b>  | <b>3</b>   |
|               |                  | <b>9</b> | <b>F</b> | <b>2</b>  | <b>3</b>   |
| <b>9JC8</b>   | <b>1</b>         | <b>9</b> | <b>E</b> | <b>8</b>  | <b>3</b>   |
|               | <b>1</b>         | <b>9</b> | <b>D</b> | <b>2</b>  | <b>3</b>   |
| <b>9JW8</b>   |                  | <b>9</b> | <b>D</b> | <b>9</b>  | <b>3</b>   |
|               |                  | <b>9</b> | <b>C</b> | <b>2</b>  | <b>3</b>   |
| <b>9KC6</b>   |                  | <b>9</b> | <b>D</b> | <b>2</b>  | <b>3</b>   |
| <b>9KX6</b>   | <b>3</b>         | <b>9</b> | <b>C</b> | <b>2</b>  | <b>3</b>   |
| <b>9KZ6</b>   | <b>3,6</b>       | <b>9</b> | <b>C</b> | <b>2</b>  | <b>3</b>   |
| <b>9KZ8</b>   |                  | <b>9</b> | <b>D</b> | <b>2</b>  | <b>3</b>   |
|               |                  | <b>9</b> | <b>D</b> | <b>9</b>  | <b>3</b>   |
| <b>9LA6</b>   | <b>3,6</b>       | <b>9</b> | <b>C</b> | <b>2</b>  | <b>3</b>   |
| <b>9MP12</b>  |                  | <b>9</b> | <b>C</b> | <b>1</b>  | <b>4</b>   |
| <b>9ML8</b>   |                  | <b>9</b> | <b>D</b> | <b>6</b>  | <b>3</b>   |
|               |                  | <b>9</b> | <b>D</b> | <b>8</b>  | <b>3</b>   |
|               |                  | <b>9</b> | <b>D</b> | <b>9</b>  | <b>3</b>   |
| <b>9MN8</b>   |                  | <b>9</b> | <b>D</b> | <b>1</b>  | <b>10</b>  |
|               |                  | <b>9</b> | <b>D</b> | <b>8</b>  | <b>10</b>  |
|               |                  | <b>9</b> | <b>D</b> | <b>10</b> | <b>10</b>  |
| <b>9P9</b>    | <b>7</b>         | <b>9</b> | <b>C</b> | <b>1</b>  | <b>4</b>   |
| <b>9R-A6</b>  | <b>2</b>         | <b>9</b> | <b>C</b> | <b>7</b>  | <b>3</b>   |
| <b>9R-AL1</b> | <b>3</b>         | <b>9</b> | <b>C</b> | <b>2</b>  | <b>3</b>   |
|               | <b>3</b>         | <b>9</b> | <b>F</b> | <b>7</b>  | <b>3</b>   |
| <b>9R-HH2</b> |                  | <b>9</b> | <b>D</b> | <b>2</b>  | <b>3</b>   |
|               |                  | <b>9</b> | <b>D</b> | <b>9</b>  | <b>3</b>   |
| <b>9RHR2</b>  |                  | <b>9</b> | <b>D</b> | <b>2</b>  | <b>3</b>   |
|               |                  | <b>9</b> | <b>D</b> | <b>9</b>  | <b>3</b>   |
| <b>9U8</b>    |                  | <b>9</b> | <b>D</b> | <b>2</b>  | <b>3</b>   |
|               |                  | <b>9</b> | <b>D</b> | <b>9</b>  | <b>3</b>   |
| <b>9V9</b>    |                  | <b>9</b> | <b>D</b> | <b>8</b>  | <b>11</b>  |
|               |                  | <b>9</b> | <b>E</b> | <b>3</b>  | <b>11</b>  |

| <b>TUBE</b>   | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|----------|----------|----------|----------|------------|
| <b>9X8</b>    |          | 9        | E        | 2        | 3          |
|               |          | 9        | E        | 7        | 3          |
| <b>10AJ5</b>  | 1,9,0    | 10       | A        | 2        | 10         |
| <b>10AL11</b> |          | 10       | C        | 8        | 10         |
|               |          | 10       | D        | 3        | 10         |
| <b>10BQ5</b>  | 1,6,8    | 10       | C        | 2        | 3          |
| <b>10C8</b>   |          | 10       | D        | 8        | 3          |
|               |          | 10       | E        | 2        | 3          |
| <b>10C14</b>  |          | 19       | E        | 2        | 3          |
|               |          | 19       | F        | 9        | 3          |
| <b>10CW5</b>  | 1,6,8    | 10       | C        | 2        | 3          |
| <b>10D2</b>   |          | 12       | E        | 2        | 4          |
|               |          | 12       | E        | 7        | 4          |
| <b>10DA7</b>  | 2        | 10       | C        | 3        | 3          |
|               | 2        | 10       | E        | 7        | 3          |
| <b>10DE7</b>  | 3        | 10       | C        | 2        | 3          |
|               | 3        | 10       | E        | 7        | 3          |
| <b>10DR7</b>  | 3        | 10       | C        | 2        | 3          |
|               | 3        | 10       | E        | 7        | 3          |
| <b>10DX8</b>  |          | 10       | D        | 8        | 3          |
|               |          | 10       | F        | 1        | 3          |
| <b>10EB8</b>  |          | 10       | C        | 7        | 3          |
|               |          | 10       | F        | 2        | 3          |
| <b>10EG7</b>  |          | 10       | D        | 1        | 2          |
|               |          | 10       | E        | 4        | 2          |
| <b>10EM7</b>  |          | 10       | C        | 1        | 2          |
|               |          | 10       | F        | 4        | 2          |
| <b>10EW7</b>  | 3        | 10       | B        | 2        | 3          |
|               | 3        | 10       | F        | 7        | 3          |
| <b>10F9</b>   |          | 12       | E        | 2        | 4          |
|               |          | 12       | E        | 7        | 4          |
| <b>10F18</b>  | 1        | 12       | D        | 2        | 3          |
| <b>10FD7</b>  | 3        | 10       | F        | 1        | 3          |
|               | 3        | 10       | C        | 2        | 3          |
| <b>10FD12</b> |          | 19       | E        | 2        | 3          |
|               |          | 19       | G        | 7        | 3          |
|               |          | 19       | G        | 8        | 3          |
| <b>10FH6</b>  |          | 10       | A        | 5        | 1          |
| <b>10FR7</b>  | 3        | 10       | C        | 2        | 3          |
|               | 3        | 10       | F        | 7        | 3          |
| <b>10GF7</b>  |          | 10       | C        | 2        | 5          |
|               |          | 10       | G        | 9        | 5          |

| <b>TUBE</b>   | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|----------|----------|----------|----------|------------|
| <b>10GK6</b>  | 3,6      | 10       | C        | 2        | 3          |
| <b>10GN8</b>  |          | 10       | C        | 7        | 3          |
|               |          | 10       | G        | 2        | 3          |
| <b>10GV8</b>  |          | 10       | C        | 9        | 3          |
|               |          | 10       | E        | 2        | 3          |
| <b>10HA6</b>  | 3,8,9    | 10       | C        | 2        | 3          |
| <b>10HF8</b>  |          | 10       | D        | 7        | 3          |
|               |          | 10       | F        | 2        | 3          |
| <b>10J10</b>  |          | 10       | C        | 1        | 10         |
|               |          | 10       | H        | 6        | 10         |
| <b>10JA5</b>  | 1,9,0    | 10       | A        | 2        | 10         |
| <b>10JA8</b>  |          | 10       | D        | 7        | 3          |
|               |          | 10       | F        | 2        | 3          |
| <b>10JT8</b>  |          | 10       | D        | 7        | 3          |
|               |          | 10       | F        | 2        | 3          |
| <b>10JY8</b>  |          | 10       | C        | 7        | 3          |
|               |          | 10       | D        | 2        | 3          |
| <b>10KR8</b>  |          | 10       | C        | 7        | 3          |
|               |          | 10       | D        | 2        | 3          |
| <b>10KU8</b>  |          | 10       | D        | 7        | 3          |
|               |          | 10       | G        | 3        | 3          |
|               |          | 10       | G        | 2        | 3          |
| <b>10LB8</b>  |          | 10       | D        | 2        | 3          |
|               |          | 10       | D        | 7        | 3          |
| <b>10L14</b>  |          | 26       | D        | 2        | 3          |
|               |          | 26       | D        | 7        | 3          |
| <b>10LD3</b>  | 4        | 14       | F        | 6        | 9          |
|               | 4        | 14       | G        | 5        | 9          |
|               | 4        | 14       | G        | 3        | 9          |
| <b>10LD6</b>  | 9        | 12       | E        | 2        | 3          |
|               | 9        | 12       | E        | 7        | 3          |
| <b>10LD12</b> |          | 28       | F        | 8        | 3          |
|               |          | 28       | G        | 6        | 3          |
|               |          | 28       | G        | 2        | 3          |
|               |          | 28       | G        | 1        | 3          |
| <b>10LD13</b> | 9        | 14       | F        | 2        | 3          |
|               | 9        | 14       | G        | 6        | 3          |
|               | 9        | 14       | G        | 8        | 3          |
| <b>10LE8</b>  |          | 10       | D        | 9        | 3          |
| <b>10LW8</b>  |          | 10       | F        | 2        | 3          |
|               |          | 10       | C        | 7        | 3          |

| TUBE           | A              | B  | C | D  | SKT |
|----------------|----------------|----|---|----|-----|
| 10LY8          |                | 10 | F | 2  | 3   |
|                |                | 10 | C | 7  | 3   |
| 10LZ8          |                | 10 | E | 2  | 3   |
|                |                | 10 | D | 7  | 3   |
| 10P18          | 1,6,8          | 45 | C | 2  | 3   |
| 10PL12         |                | 50 | C | 3  | 3   |
|                |                | 50 | E | 1  | 3   |
| 10PL82         |                | 50 | C | 3  | 3   |
|                |                | 50 | E | 1  | 3   |
| 10T10          |                | 10 | G | 3  | 10  |
|                |                | 10 | B | 8  | 10  |
| 10Z10          |                | 10 | C | 1  | 10  |
|                |                | 10 | H | 6  | 10  |
| 11AF9*         | 6              | 11 | D | 1  | 11  |
|                | 6              | 11 | D | 8  | 11  |
|                | Normal short 2 |    |   |    |     |
| 11AR11         |                | 11 | D | 10 | 10  |
|                |                | 11 | D | 5  | 10  |
| 11BM8          |                | 11 | C | 3  | 3   |
|                |                | 11 | F | 1  | 3   |
| 11BQ11         |                | 11 | E | 5  | 10  |
|                |                | 11 | E | 10 | 10  |
| 11BT11*        |                | 11 | E | 3  | 10  |
|                |                | 11 | E | 5  | 10  |
|                |                | 11 | D | 1  | 10  |
| Normal short 6 |                |    |   |    |     |
| 11C5           | 5              | 11 | C | 2  | 4   |
| 11CA11*        |                | 11 | E | 3  | 10  |
|                |                | 11 | E | 6  | 10  |
|                |                | 11 | C | 8  | 10  |
| Normal short 7 |                |    |   |    |     |
| 11CF11         |                | 10 | B | 5  | 10  |
|                |                | 10 | E | 9  | 10  |
|                |                | 10 | E | 1  | 10  |
| 11CH11*        |                | 11 | B | 1  | 10  |
|                |                | 11 | E | 3  | 10  |
|                |                | 11 | E | 5  | 10  |
| Normal short 6 |                |    |   |    |     |
| 11CY7          | 2              | 11 | C | 3  | 3   |
|                | 2              | 11 | E | 7  | 3   |
| 11D12          |                | 6  | A | 1  | 2   |
|                |                | 6  | A | 4  | 2   |

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| <b>TUBE</b>   | <b>A</b>    | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|-------------|----------|----------|----------|------------|
| <b>11DS5</b>  | 7           | 11       | C        | 1        | 4          |
| <b>11E13</b>  | 9           | 12       | C        | 1        | 3          |
|               | 9           | 12       | C        | 3        | 3          |
| <b>11FY3</b>  | 8           | 11       | C        | 3        | 10         |
|               | 8           | 11       | F        | 10       | 10         |
| <b>11FY7</b>  | 8           | 11       | C        | 3        | 10         |
| <b>11HM7</b>  | 3,6         | 11       | C        | 2        | 3          |
| <b>11JE8</b>  |             | 11       | F        | 2        | 3          |
|               |             | 11       | D        | 7        | 3          |
| <b>11KV8</b>  |             | 11       | C        | 7        | 3          |
|               |             | 11       | F        | 2        | 3          |
| <b>11LQ8</b>  |             | 11       | D        | 2        | 3          |
|               |             | 11       | D        | 7        | 3          |
| <b>11LT8</b>  | 6,7,8       | 11       | E        | 9        | 3          |
|               | 1           | 11       | C        | 6        | 3          |
|               | 1           | 11       | C        | 8        | 3          |
| <b>11LY6</b>  | 3,6         | 11       | C        | 2        | 3          |
| <b>11MS8</b>  |             | 11       | B        | 2        | 3          |
|               |             | 11       | F        | 9        | 3          |
| <b>11R3</b>   | 1,2,3,6,7,8 | 11       | A        | 9        | 3          |
| <b>11Y9</b>   |             | 11       | C        | 8        | 11         |
|               |             | 11       | D        | 1        | 11         |
| <b>12A3</b>   |             | 6        | F        | 4        | 9          |
| <b>12A4</b>   | 3           | 12       | C        | 7        | 8          |
| <b>12A5</b>   | 6           | 12       | B        | 4        | 7          |
| <b>12A6</b>   |             | 12       | C        | 5        | 1          |
| <b>12A7</b>   |             | 12       | E        | 10       | 7          |
| <b>12A8</b>   |             | 12       | E        | 5        | 1          |
| <b>12AB5</b>  | 1,2,3       | 12       | B        | 6        | 3          |
| <b>12AC6</b>  |             | 12       | F        | 1        | 4          |
| <b>12AC10</b> |             | 12       | E        | 1        | 10         |
|               |             | 12       | E        | 7        | 10         |
|               |             | 12       | E        | 9        | 10         |
| <b>12AD5</b>  | 7           | 12       | F        | 2        | 3          |
| <b>12AD6</b>  |             | 12       | F        | 1        | 4          |
| <b>12AD7</b>  | 9           | 12       | F        | 2        | 3          |
|               | 9           | 12       | F        | 7        | 3          |
| <b>12AE6</b>  |             | 12       | F        | 1        | 4          |
|               |             | 12       | G        | 5        | 4          |
|               |             | 12       | G        | 6        | 4          |
| <b>12AE7</b>  | 9           | 12       | F        | 2        | 3          |
|               | 9           | 12       | G        | 7        | 3          |

| TUBE   | A           | B  | C | D | SK I |
|--------|-------------|----|---|---|------|
| 12AE10 |             | 12 | F | 3 | 10   |
|        |             | 12 | C | 8 | 10   |
| 12AF3  | 1,2,3,6,7,8 | 12 | A | 9 | 3    |
| 12AF6  |             | 12 | F | 1 | 4    |
| 12AF11 |             | 15 | C | 1 | 10   |
|        |             | 15 | F | 3 | 10   |
|        |             | 15 | F | 6 | 10   |
| 12AG6  |             | 12 | F | 1 | 4    |
| 12AG7  |             | 12 | C | 4 | 1    |
| 12AH6  |             | 12 | D | 1 | 4    |
| 12AH7  |             | 12 | F | 1 | 2    |
|        |             | 12 | F | 5 | 2    |
| 12AH8  | 9           | 12 | F | 2 | 3    |
|        | 9           | 12 | F | 7 | 3    |
| 12AJ6  |             | 12 | F | 1 | 4    |
|        |             | 12 | G | 5 | 4    |
|        |             | 12 | G | 6 | 4    |
| 12AJ7  |             | 12 | F | 2 | 3    |
|        |             | 12 | G | 9 | 3    |
| 12AJ8  |             | 12 | E | 2 | 3    |
|        |             | 12 | E | 9 | 3    |
| 12AK7  |             | 12 | C | 4 | 1    |
| 12AL5  |             | 12 | E | 2 | 4    |
|        |             | 12 | E | 7 | 4    |
| 12AL8  |             | 12 | E | 3 | 3    |
|        |             | 12 | G | 8 | 3    |
| 12AL11 |             | 12 | C | 8 | 10   |
|        |             | 12 | E | 3 | 10   |
| 12AQ5  | 7           | 12 | C | 1 | 4    |
| 12AS5  | 5           | 12 | C | 2 | 4    |
| 12AT6  |             | 12 | F | 1 | 4    |
|        |             | 12 | G | 5 | 4    |
|        |             | 12 | G | 6 | 4    |
| 12AT7  | 9           | 12 | E | 2 | 3    |
|        | 9           | 12 | E | 7 | 3    |
| 12AU6  |             | 12 | D | 1 | 4    |
| 12AU7  | 9           | 12 | D | 2 | 3    |
|        | 9           | 12 | D | 7 | 3    |
| 12AU8  |             | 12 | D | 7 | 3    |
|        |             | 12 | D | 2 | 3    |
| 12AV5  |             | 12 | A | 1 | 1    |

| <b>TUBE</b>    | <b>A</b>  | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|----------------|-----------|----------|----------|----------|------------|
| <b>12AV6</b>   |           | 12       | F        | 1        | 4          |
|                |           | 12       | G        | 5        | 4          |
|                |           | 12       | G        | 6        | 4          |
| <b>12AV7</b>   | 9         | 12       | D        | 2        | 3          |
|                | 9         | 12       | D        | 7        | 3          |
| <b>12AW6</b>   |           | 12       | E        | 1        | 4          |
| <b>12AX3</b>   | 10        | 12       | A        | 4        | 10         |
| <b>12AX4</b>   | 1,2,4,6   | 12       | A        | 5        | 2          |
| <b>12AX7</b>   | 9         | 12       | F        | 2        | 3          |
|                | 9         | 12       | F        | 7        | 3          |
| <b>12AY3</b>   | 1,3,6,7,8 | 12       | A        | 2        | 5          |
| <b>12AY7</b>   | 9         | 12       | F        | 2        | 3          |
|                | 9         | 12       | F        | 7        | 3          |
| <b>12AZ7</b>   | 9         | 12       | E        | 2        | 3          |
|                | 9         | 12       | E        | 7        | 3          |
| <b>12B3</b>    |           | 12       | A        | 7        | 8          |
| <b>12B4</b>    | 3         | 12       | C        | 7        | 8          |
| <b>12B6</b>    |           | 12       | F        | 10       | 1          |
|                |           | 12       | G        | 5        | 1          |
| <b>12B7</b>    |           | 12       | E        | 6        | 9          |
| <b>12B8</b>    |           | 12       | E        | 10       | 1          |
|                |           | 12       | F        | 8        | 1          |
| <b>12BA6</b>   |           | 12       | D        | 1        | 4          |
| <b>12BA7</b>   |           | 12       | D        | 2        | 3          |
| <b>12B-B14</b> | 2,7,8,9   | 13       | A        | 1        | 12         |
| <b>12BC22</b>  |           | 12       | F        | 1        | 4          |
|                |           | 12       | G        | 5        | 4          |
|                |           | 12       | G        | 6        | 4          |
| <b>12BC32</b>  |           | 12       | F        | 1        | 4          |
|                |           | 12       | G        | 5        | 4          |
|                |           | 12       | G        | 6        | 4          |
| <b>12BD5</b>   |           | 12       | A        | 1        | 4          |
| <b>12BD6</b>   |           | 12       | D        | 1        | 4          |
| <b>12BE3</b>   | 4         | 12       | A        | 10       | 10         |
| <b>12BE6</b>   |           | 12       | D        | 1        | 4          |
| <b>12BF6</b>   |           | 12       | F        | 1        | 4          |
|                |           | 12       | G        | 5        | 4          |
|                |           | 12       | G        | 6        | 4          |
| <b>12BF11</b>  |           | 12       | C        | 8        | 10         |
|                |           | 12       | D        | 3        | 10         |
| <b>12BH7</b>   | 9         | 12       | D        | 2        | 3          |
|                | 9         | 12       | D        | 7        | 3          |

| <b>TUBE</b>                    | <b>A</b>    | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------------------------|-------------|----------|----------|----------|------------|
| <b>12BJ3</b>                   | 4           | 12       | A        | 10       | 10         |
| <b>12BK5</b>                   | 7           | 12       | C        | 3        | 3          |
| <b>12BK6</b>                   |             | 12       | F        | 1        | 4          |
|                                |             | 12       | G        | 5        | 4          |
|                                |             | 12       | G        | 6        | 4          |
| <b>12BL6</b>                   |             | 12       | F        | 1        | 4          |
| <b>12BM5</b>                   | 7           | 12       | C        | 1        | 4          |
| <b>12BN6</b>                   |             | 12       | H        | 5        | 4          |
| <b>Emission and short test</b> |             |          |          |          |            |
|                                |             | 12       | H        | 2        | 4          |
| <b>Grid leakage test</b>       |             |          |          |          |            |
| <b>12BQ6</b>                   |             | 12       | A        | 5        | 1          |
| <b>12BR3</b>                   | 1,2,3,6,7,8 | 12       | A        | 9        | 3          |
| <b>12BR7</b>                   | 6,7,9       | 12       | E        | 2        | 3          |
|                                | 6,9         | 12       | E        | 7        | 3          |
|                                | 7,9         | 12       | E        | 6        | 3          |
| <b>12BS3</b>                   | 1,3,6,7,8   | 12       | A        | 2        | 5          |
| <b>12BT3</b>                   | 4           | 12       | A        | 10       | 10         |
| <b>12BT6</b>                   |             | 12       | F        | 1        | 4          |
|                                |             | 12       | G        | 5        | 4          |
|                                |             | 12       | G        | 6        | 4          |
| <b>12BU6</b>                   |             | 12       | E        | 1        | 4          |
|                                |             | 12       | G        | 5        | 4          |
|                                |             | 12       | G        | 6        | 4          |
| <b>12BV7</b>                   | 6,9         | 12       | C        | 2        | 3          |
| <b>12BV11</b>                  |             | 12       | F        | 6        | 10         |
|                                |             | 12       | F        | 7        | 10         |
| <b>12BW4</b>                   |             | 12       | B        | 1        | 3          |
|                                |             | 12       | B        | 7        | 3          |
| <b>12BX6</b>                   | 1           | 12       | D        | 2        | 3          |
| <b>12BY3</b>                   | 1,2,3,6,7,8 | 12       | A        | 9        | 3          |
| <b>12BY7</b>                   | 6,9         | 12       | C        | 2        | 3          |
| <b>12BZ6</b>                   |             | 12       | D        | 1        | 4          |
| <b>12BZ7</b>                   | 9           | 12       | F        | 2        | 3          |
|                                | 9           | 12       | F        | 7        | 3          |
| <b>12C5</b>                    | 5           | 12       | C        | 2        | 4          |
| <b>12C8</b>                    |             | 12       | E        | 10       | 1          |
|                                |             | 12       | G        | 4        | 1          |
|                                |             | 12       | G        | 5        | 1          |
| <b>12CA5</b>                   | 5           | 12       | C        | 2        | 4          |
| <b>12CK3</b>                   | 1,3,6,7,8   | 12       | A        | 2        | 5          |
| <b>12CL3</b>                   | 1,3,6,7,8   | 12       | A        | 2        | 5          |

| <b>TUBE</b>  | <b>A</b>  | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|-----------|----------|----------|----------|------------|
| <b>12CM6</b> | 6         | 12       | C        | 3        | 3          |
| <b>12CN5</b> | 5         | 12       | C        | 2        | 4          |
| <b>12CR5</b> | 6,7,8     | 12       | C        | 3        | 3          |
| <b>12CR6</b> |           | 12       | E        | 7        | 4          |
|              |           | 12       | G        | 2        | 4          |
| <b>12CS5</b> | 6,7,8     | 12       | C        | 3        | 3          |
| <b>12CS6</b> |           | 12       | D        | 1        | 4          |
| <b>12CT3</b> | 1,3,6,7,8 | 12       | A        | 2        | 3          |
| <b>12CT8</b> |           | 12       | D        | 8        | 3          |
|              |           | 12       | E        | 2        | 3          |
| <b>12CU5</b> | 5         | 12       | C        | 2        | 4          |
| <b>12CU6</b> |           | 12       | A        | 5        | 1          |
| <b>12CX6</b> |           | 12       | F        | 1        | 4          |
| <b>12CY6</b> |           | 12       | F        | 1        | 4          |
| <b>12D4</b>  | 1,2,4,6   | 12       | A        | 5        | 2          |
| <b>12DA6</b> | 6         | 12       | D        | 2        | 3          |
| <b>12DB5</b> | 6,7,8     | 12       | C        | 3        | 3          |
| <b>12DE8</b> |           | 12       | F        | 3        | 3          |
|              |           | 12       | F        | 1        | 3          |
| <b>12DF5</b> | 9         | 12       | B        | 1        | 3          |
|              | 9         | 12       | B        | 6        | 3          |
| <b>12DF7</b> | 9         | 12       | F        | 2        | 3          |
|              | 9         | 12       | F        | 7        | 3          |
| <b>12DJ8</b> | 9         | 12       | D        | 2        | 3          |
|              | 9         | 12       | D        | 7        | 3          |
| <b>12DK5</b> | 6,9       | 12       | F        | 2        | 3          |
| <b>12DK6</b> |           | 12       | D        | 1        | 4          |
| <b>12DK7</b> | 8         | 12       | E        | 1        | 3          |
|              | 8         | 12       | G        | 6        | 3          |
|              | 8         | 12       | G        | 9        | 3          |
| <b>12DL8</b> |           | 12       | C        | 3        | 3          |
|              |           | 12       | G        | 1        | 3          |
|              |           | 12       | G        | 9        | 3          |
| <b>12DM4</b> | 1,2,4,6   | 12       | A        | 5        | 2          |
| <b>12DM5</b> | 5         | 12       | C        | 2        | 4          |
| <b>12DM7</b> | 9         | 12       | E        | 2        | 3          |
|              | 9         | 12       | E        | 7        | 3          |
| <b>12DM8</b> |           | 12       | D        | 6        | 5          |
|              |           | 12       | D        | 8        | 5          |
|              |           | 12       | D        | 9        | 5          |
| <b>12DQ4</b> | 1,2,4,6   | 12       | A        | 5        | 2          |
| <b>12DQ6</b> |           | 12       | A        | 5        | 1          |

| <b>TUBE</b>  | <b>A</b>  | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|-----------|----------|----------|----------|------------|
| <b>12DQ7</b> | 6,9       | 12       | C        | 2        | 3          |
| <b>12DS7</b> |           | 12       | D        | 3        | 3          |
|              |           | 12       | G        | 1        | 3          |
| <b>12DT5</b> | 2,6,8     | 12       | C        | 3        | 3          |
| <b>12DT6</b> |           | 12       | E        | 1        | 4          |
| <b>12DT7</b> | 9         | 12       | G        | 2        | 3          |
|              | 9         | 12       | G        | 7        | 3          |
| <b>12DT8</b> | 9         | 12       | E        | 2        | 3          |
|              | 9         | 12       | E        | 7        | 3          |
| <b>12DU7</b> | 8         | 12       | D        | 1        | 3          |
|              | 8         | 12       | G        | 7        | 3          |
|              | 8         | 12       | G        | 9        | 3          |
| <b>12DV7</b> | 9         | 12       | G        | 2        | 3          |
|              | 9         | 12       | G        | 3        | 3          |
|              | 9         | 12       | G        | 7        | 3          |
| <b>12DV8</b> |           | 12       | D        | 3        | 3          |
|              |           | 12       | G        | 1        | 3          |
| <b>12DW4</b> | 1,3,6,7,8 | 12       | A        | 2        | 5          |
| <b>12DW5</b> | 6         | 12       | C        | 3        | 3          |
| <b>12DW7</b> | 9         | 12       | D        | 2        | 3          |
|              | 9         | 12       | F        | 7        | 3          |
| <b>12DW8</b> |           | 12       | E        | 2        | 3          |
|              |           | 12       | F        | 7        | 3          |
|              |           | 12       | F        | 9        | 3          |
| <b>12DY8</b> |           | 12       | D        | 1        | 3          |
|              |           | 12       | F        | 9        | 3          |
| <b>12DZ6</b> |           | 12       | F        | 1        | 4          |
| <b>12DZ8</b> |           | 12       | C        | 3        | 3          |
|              |           | 12       | F        | 1        | 3          |
| <b>12E5</b>  |           | 12       | F        | 5        | 1          |
| <b>12E13</b> |           | 6        | C        | 5        | 1          |
| <b>12EA6</b> |           | 12       | F        | 1        | 4          |
| <b>12EC8</b> |           | 12       | F        | 1        | 3          |
|              |           | 12       | F        | 9        | 3          |
| <b>12ED5</b> | 5         | 12       | C        | 2        | 4          |
| <b>12EF6</b> |           | 12       | C        | 5        | 1          |
| <b>12EG6</b> |           | 12       | F        | 1        | 4          |
| <b>12EH5</b> | 5         | 12       | C        | 2        | 4          |
| <b>12EK6</b> |           | 12       | E        | 1        | 4          |
| <b>12EL6</b> |           | 12       | F        | 1        | 4          |
|              |           | 12       | G        | 5        | 4          |
|              |           | 12       | G        | 6        | 4          |

| <b>TUBE</b>  | <b>A</b>         | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|------------------|----------|----------|----------|------------|
| <b>12EM6</b> | 7,8              | 12       | E        | 1        | 3          |
|              | 7,8              | 12       | G        | 9        | 3          |
| <b>12EN6</b> |                  | 12       | C        | 5        | 1          |
| <b>12EQ7</b> |                  | 12       | E        | 2        | 3          |
|              |                  | 12       | G        | 8        | 3          |
| <b>12EZ6</b> |                  | 12       | F        | 1        | 4          |
| <b>12F5</b>  |                  | 12       | F        | 10       | 1          |
| <b>12F8</b>  |                  | 12       | F        | 8        | 3          |
|              |                  | 12       | G        | 6        | 3          |
|              |                  | 12       | G        | 1        | 3          |
| <b>12F31</b> |                  | 12       | D        | 1        | 4          |
| <b>12FA6</b> |                  | 12       | F        | 1        | 4          |
| <b>12FB5</b> | 1                | 12       | C        | 2        | 3          |
| <b>12FK6</b> |                  | 12       | F        | 1        | 4          |
|              |                  | 12       | G        | 5        | 4          |
|              |                  | 12       | G        | 6        | 4          |
| <b>12FM6</b> |                  | 12       | F        | 1        | 4          |
|              |                  | 12       | G        | 5        | 4          |
|              |                  | 12       | G        | 6        | 4          |
| <b>12FQ7</b> |                  | 12       | D        | 2        | 3          |
|              |                  | 12       | D        | 7        | 3          |
| <b>12FQ8</b> |                  | 12       | G        | 2        | 3          |
|              |                  | 12       | G        | 7        | 3          |
| <b>12FR8</b> | 1,2,8,9          | 12       | F        | 3        | 3          |
|              | 8                | 12       | G        | 1        | 3          |
|              | 1,2              | 12       | G        | 8        | 3          |
|              | Normal Short H-K |          |          |          |            |
| <b>12FS5</b> | 2                | 12       | D        | 1        | 4          |
| <b>12FT6</b> |                  | 12       | E        | 1        | 4          |
|              |                  | 12       | G        | 5        | 4          |
|              |                  | 12       | G        | 6        | 4          |
| <b>12FV7</b> | 9                | 12       | D        | 2        | 3          |
|              | 9                | 12       | D        | 7        | 3          |
| <b>12FX5</b> | 5                | 12       | C        | 2        | 4          |
| <b>12FX8</b> | 6,8              | 12       | F        | 2        | 3          |
|              | 7                | 12       | F        | 6        | 3          |
| <b>12FY8</b> |                  | 12       | E        | 3        | 3          |
|              |                  | 12       | F        | 1        | 3          |
| <b>12G4</b>  | 2,5              | 12       | E        | 6        | 4          |

| TUBE   | A             | B  | C | D  | SK I |
|--------|---------------|----|---|----|------|
| 12G7   |               | 12 | F | 10 | 1    |
|        |               | 12 | G | 5  | 1    |
|        |               | 12 | G | 4  | 1    |
| 12G8   | 9             | 12 | E | 3  | 3    |
|        | 9             | 12 | E | 8  | 3    |
| 12G11  | 5             | 12 | C | 8  | 10   |
|        | 5             | 12 | D | 3  | 10   |
| 12GA6  |               | 12 | F | 1  | 4    |
| 12GB3  | 3             | 12 | A | 5  | 1    |
| 12G-B6 |               | 12 | A | 5  | 1    |
| 12GB7  | 3             | 12 | A | 5  | 1    |
| 12GC6  | 1,6,8         | 12 | A | 5  | 1    |
| 12GE5  | 1,5,6,8,9,0   | 12 | A | 3  | 10   |
| 12GJ5  | 1,6,8,9       | 12 | A | 2  | 5    |
| 12GK17 |               | 12 | A | 5  | 2    |
| 12GN6  |               | 12 | E | 1  | 4    |
|        |               | 12 | E | 7  | 4    |
| 12GN7  | 6,9           | 12 | D | 2  | 3    |
| 12GT5  | 1,6,8         | 12 | A | 2  | 5    |
| 12GV5  | 1,2,6,7,8,9,0 | 12 | A | 5  | 10   |
| 12GW6  |               | 12 | A | 5  | 1    |
| 12H4   | 2,5           | 12 | E | 6  | 4    |
| 12H6   |               | 12 | F | 3  | 1    |
|        |               | 12 | F | 5  | 1    |
| 12H31  |               | 12 | D | 1  | 4    |
| 12HE7  | 3,6,7,0       | 12 | A | 2  | 10   |
|        | 3,6,7,0       | 12 | A | 9  | 10   |
| 12HG7  | 6,9           | 12 | C | 2  | 3    |
| 12HL5  | 1,6,8         | 12 | A | 2  | 3    |
| 12HL7  | 6,9           | 12 | C | 2  | 3    |
| 12HU8  |               | 12 | C | 2  | 3    |
|        |               | 12 | C | 6  | 3    |
| 12J5   |               | 12 | E | 5  | 1    |
| 12J7   |               | 12 | F | 10 | 1    |
| 12J8   |               | 12 | D | 1  | 3    |
|        |               | 12 | F | 8  | 3    |
|        |               | 12 | F | 9  | 3    |
| 12JB6  | 6,7,9         | 12 | A | 2  | 5    |
| 12JF5  | 1,5,6,8,9,0   | 12 | A | 3  | 10   |
| 12JN6  | 5,6,8,9,0     | 12 | A | 1  | 10   |

| <b>TUBE</b>         | <b>A</b>    | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------------|-------------|----------|----------|----------|------------|
| <b>12JN8</b>        |             | 12       | D        | 1        | 3          |
|                     |             | 12       | D        | 9        | 3          |
| <b>12JQ6</b>        | 2,7         | 12       | A        | 8        | 3          |
|                     | 2,7         | 12       | G        | 6        | 3          |
| <b>12JS6</b>        | 1,6,7,8,9,0 | 12       | A        | 5        | 10         |
| <b>12JT6</b>        | 7.8         | 12       | A        | 2        | 5          |
| <b>12JZ8</b>        | 6           | 12       | C        | 7        | 10         |
|                     | 6           | 12       | E        | 10       | 10         |
| <b>12K5</b>         | 6           | 12       | D        | 5        | 4          |
| <b>12K7</b>         |             | 12       | E        | 10       | 1          |
| <b>12K8</b>         |             | 12       | E        | 5        | 1          |
| <b>12KL8</b>        |             | 12       | D        | 2        | 3          |
|                     |             | 12       | F        | 8        | 3          |
| <b>12L6</b>         |             | 12       | C        | 5        | 1          |
| <b>12L8*</b>        | 3           | 12       | C        | 1        | 2          |
|                     | 1           | 12       | C        | 3        | 2          |
| Normal short 6, H-K |             |          |          |          |            |
| <b>12MD8</b>        |             | 12       | D        | 6        | 5          |
|                     |             | 12       | D        | 8        | 5          |
|                     |             | 12       | D        | 9        | 5          |
| <b>12NK7</b>        |             | 12       | F        | 10       | 1          |
| <b>12Q7</b>         |             | 12       | F        | 10       | 1          |
|                     |             | 12       | G        | 5        | 1          |
|                     |             | 12       | G        | 4        | 1          |
| <b>12R5</b>         | 5           | 12       | C        | 2        | 4          |
| <b>12R-K19</b>      | 1,3,6,7,8,9 | 12       | A        | 2        | 3          |
| <b>12R-LL3</b>      | 9           | 12       | E        | 2        | 3          |
|                     | 9           | 12       | E        | 7        | 3          |
| <b>12R-LL5</b>      |             | 12       | D        | 2        | 3          |
|                     |             | 12       | D        | 7        | 3          |
| <b>12R-R19</b>      | 1,2,3,6,7,8 | 12       | A        | 9        | 3          |
| <b>12S8</b>         |             | 12       | F        | 10       | 2          |
|                     |             | 12       | G        | 4        | 2          |
|                     |             | 12       | G        | 3        | 2          |
|                     |             | 12       | G        | 1        | 2          |
| <b>12SA7</b>        |             | 12       | D        | 5        | 1          |
| <b>12SC7</b>        |             | 12       | F        | 3        | 2          |
|                     |             | 12       | F        | 4        | 2          |
| <b>12SF5</b>        |             | 12       | F        | 3        | 2          |
| <b>12SF7</b>        |             | 12       | D        | 2        | 2          |
|                     |             | 12       | G        | 5        | 2          |

| <b>TUBE</b>  | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|----------|----------|----------|----------|------------|
| <b>12SG7</b> | 5        | 12       | D        | 4        | 1          |
| <b>12SH7</b> | 5        | 12       | D        | 4        | 1          |
| <b>12SJ7</b> |          | 12       | E        | 4        | 1          |
| <b>12SK7</b> |          | 12       | D        | 4        | 1          |
| <b>12SL7</b> |          | 12       | F        | 1        | 2          |
|              |          | 12       | F        | 4        | 2          |
| <b>12SN7</b> |          | 12       | E        | 1        | 2          |
|              |          | 12       | E        | 4        | 2          |
| <b>12SQ7</b> |          | 12       | F        | 2        | 2          |
|              |          | 12       | G        | 4        | 2          |
|              |          | 12       | G        | 5        | 2          |
| <b>12SR7</b> |          | 12       | E        | 2        | 2          |
|              |          | 12       | G        | 4        | 2          |
|              |          | 12       | G        | 5        | 2          |
| <b>12SS7</b> |          | 12       | E        | 4        | 1          |
| <b>12ST7</b> |          | 12       | E        | 2        | 2          |
|              |          | 12       | G        | 4        | 2          |
|              |          | 12       | G        | 5        | 2          |
| <b>12SW7</b> |          | 12       | E        | 2        | 2          |
|              |          | 12       | G        | 4        | 2          |
|              |          | 12       | G        | 5        | 2          |
| <b>12SX7</b> |          | 12       | E        | 1        | 2          |
|              |          | 12       | E        | 4        | 2          |
| <b>12SY7</b> |          | 12       | D        | 5        | 1          |
| <b>12T10</b> |          | 12       | C        | 8        | 10         |
|              |          | 12       | D        | 3        | 10         |
| <b>12TE8</b> |          | 12       | F        | 5        | 1          |
|              |          | 12       | F        | 10       | 1          |
| <b>12TE9</b> |          | 12       | F        | 7        | 3          |
|              |          | 12       | F        | 8        | 3          |
| <b>12U7</b>  | 9        | 12       | G        | 2        | 3          |
|              | 9        | 12       | G        | 7        | 3          |
| <b>12V6</b>  |          | 12       | C        | 5        | 1          |
| <b>12W6</b>  |          | 12       | C        | 5        | 1          |
| <b>12X4</b>  |          | 12       | B        | 1        | 4          |
|              |          | 12       | B        | 6        | 4          |
| <b>13CM5</b> | 1,3      | 13       | A        | 5        | 1          |
| <b>13CW4</b> |          | 13       | F        | 4        | 6          |
| <b>13D1</b>  |          | 25       | E        | 1        | 2          |
|              |          | 25       | E        | 4        | 2          |
| <b>13D2</b>  |          | 6        | E        | 1        | 2          |
|              |          | 6        | E        | 4        | 2          |

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| <b>TUBE</b>  | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|----------|----------|----------|----------|------------|
| <b>13D3</b>  | 9        | 13       | G        | 7        | 3          |
|              | 9        | 13       | G        | 2        | 3          |
| <b>13DE7</b> | 3        | 13       | C        | 2        | 3          |
|              | 3        | 13       | E        | 7        | 3          |
| <b>13DR7</b> | 3        | 13       | C        | 2        | 3          |
|              | 3        | 13       | E        | 7        | 3          |
| <b>13EA7</b> |          | 15       | B        | 1        | 2          |
|              |          | 15       | F        | 4        | 2          |
| <b>13EC7</b> | 3        | 13       | D        | 1        | 3          |
| <b>13EM7</b> |          | 13       | D        | 1        | 2          |
|              |          | 13       | F        | 4        | 2          |
| <b>13FD7</b> | 3        | 13       | C        | 2        | 3          |
|              | 3        | 13       | F        | 7        | 3          |
| <b>13FM7</b> | 8        | 13       | C        | 3        | 10         |
|              | 8        | 13       | E        | 10       | 10         |
| <b>13FR7</b> | 3        | 13       | F        | 7        | 3          |
|              | 3        | 13       | C        | 2        | 3          |
| <b>13GB5</b> | 2,7,8,9  | 13       | A        | 1        | 12         |
| <b>13GC8</b> |          | 13       | C        | 9        | 3          |
|              |          | 13       | E        | 2        | 3          |
| <b>13GF7</b> |          | 13       | C        | 2        | 5          |
|              |          | 13       | G        | 9        | 5          |
| <b>13J10</b> | 0        | 13       | C        | 1        | 10         |
|              | 0        | 13       | H        | 6        | 10         |
| <b>13JZ6</b> | 7,0      | 13       | A        | 5        | 10         |
| <b>13JZ8</b> | 3,5,7    | 13       | C        | 6        | 10         |
|              | 3,5,7    | 13       | E        | 10       | 10         |
| <b>13V10</b> |          | 13       | F        | 3        | 10         |
|              |          | 13       | C        | 8        | 10         |
| <b>13Z10</b> | 0        | 13       | C        | 1        | 10         |
|              | 0        | 13       | H        | 6        | 10         |
| <b>14A4</b>  | 5        | 14       | E        | 6        | 9          |
| <b>14A5</b>  |          | 14       | C        | 6        | 9          |
| <b>14A7</b>  |          | 14       | E        | 6        | 9          |
| <b>14AF7</b> |          | 14       | E        | 4        | 9          |
|              |          | 14       | E        | 5        | 9          |
| <b>14B6</b>  | 4        | 14       | F        | 3        | 9          |
|              | 4        | 14       | G        | 5        | 9          |
|              | 4        | 14       | G        | 6        | 9          |
| <b>14B8</b>  |          | 14       | F        | 4        | 9          |

| <b>TUBE</b>   | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|----------|----------|----------|----------|------------|
| <b>14BL11</b> |          | 14       | E        | 3        | 10         |
|               |          | 14       | E        | 5        | 10         |
|               |          | 14       | C        | 1        | 10         |
| <b>14BR11</b> |          | 14       | C        | 2        | 10         |
|               |          | 14       | E        | 8        | 10         |
|               |          | 14       | E        | 10       | 10         |
| <b>14C5</b>   |          | 12       | C        | 6        | 9          |
| <b>14C7</b>   |          | 12       | E        | 6        | 9          |
| <b>14DA7</b>  | 2        | 14       | C        | 3        | 3          |
|               | 2        | 14       | E        | 7        | 3          |
| <b>14E6</b>   | 4        | 12       | F        | 3        | 9          |
|               | 4        | 12       | G        | 5        | 9          |
|               | 4        | 12       | G        | 6        | 9          |
| <b>14E7</b>   |          | 12       | E        | 6        | 9          |
|               |          | 12       | G        | 4        | 9          |
|               |          | 12       | G        | 3        | 9          |
| <b>14F7</b>   |          | 12       | F        | 4        | 9          |
|               |          | 12       | F        | 5        | 9          |
| <b>14F8</b>   |          | 12       | F        | 1        | 1          |
|               |          | 12       | F        | 8        | 1          |
| <b>14G6</b>   | 9        | 14       | F        | 2        | 3          |
|               | 9        | 14       | G        | 6        | 3          |
|               | 9        | 14       | G        | 8        | 3          |
| <b>14GT8</b>  |          | 14       | F        | 2        | 3          |
|               |          | 14       | F        | 6        | 3          |
|               |          | 14       | F        | 8        | 3          |
| <b>14GW8</b>  |          | 14       | C        | 8        | 3          |
|               |          | 14       | G        | 1        | 3          |
| <b>14H7</b>   |          | 14       | D        | 6        | 9          |
| <b>14J7</b>   |          | 14       | D        | 6        | 9          |
|               |          | 14       | F        | 4        | 9          |
| <b>14JG8</b>  |          | 14       | G        | 2        | 3          |
|               |          | 14       | G        | 6        | 3          |
|               |          | 14       | F        | 8        | 3          |
| <b>14L7</b>   | 4        | 14       | F        | 6        | 9          |
|               | 4        | 14       | G        | 5        | 9          |
|               | 4        | 14       | G        | 3        | 9          |
| <b>14N7</b>   |          | 14       | E        | 4        | 9          |
|               |          | 14       | E        | 5        | 9          |
| <b>14Q7</b>   |          | 14       | E        | 4        | 9          |

| TUBE   | A     | B  | C | D  | SKT |
|--------|-------|----|---|----|-----|
| 14R7   |       | 14 | F | 6  | 9   |
|        |       | 14 | G | 4  | 9   |
|        |       | 14 | G | 3  | 9   |
| 14S7   |       | 14 | D | 6  | 9   |
|        |       | 14 | F | 4  | 9   |
| 14V7   |       | 14 | E | 6  | 9   |
| 14W7   | 4     | 14 | D | 6  | 9   |
| 14X7   |       | 14 | F | 3  | 9   |
|        |       | 14 | G | 5  | 9   |
|        |       | 14 | G | 6  | 9   |
| 14Y4   | 4     | 14 | B | 3  | 9   |
|        | 4     | 14 | B | 6  | 9   |
| 14Y7   |       | 14 | D | 2  | 3   |
|        |       | 14 | F | 9  | 3   |
| 15A6   |       | 15 | C | 2  | 3   |
| 15A8   |       | 15 | F | 3  | 1   |
|        |       | 15 | C | 4  | 1   |
| 15AB9  |       | 15 | D | 1  | 11  |
|        |       | 15 | D | 7  | 11  |
| 15AF11 |       | 15 | C | 1  | 10  |
|        |       | 15 | F | 3  | 10  |
|        |       | 15 | F | 6  | 10  |
| 15BD7  |       | 15 | F | 2  | 3   |
|        |       | 15 | G | 6  | 3   |
|        |       | 15 | G | 8  | 3   |
| 15BD11 |       | 15 | D | 1  | 10  |
|        |       | 15 | E | 3  | 10  |
|        |       | 15 | F | 6  | 10  |
| 15CW5  | 1,6,8 | 15 | C | 2  | 3   |
| 15DQ8  |       | 15 | D | 1  | 3   |
|        |       | 15 | D | 8  | 3   |
| 15EA7  |       | 15 | B | 1  | 2   |
|        |       | 15 | F | 4  | 2   |
| 15EM7  |       | 15 | B | 1  | 2   |
|        |       | 15 | F | 4  | 2   |
| 15EW6  |       | 15 | D | 1  | 4   |
| 15EW7  | 3     | 15 | F | 7  | 3   |
|        | 3     | 15 | C | 2  | 3   |
| 15FM7  | 8     | 15 | C | 3  | 10  |
|        | 8     | 15 | E | 10 | 10  |
|        |       |    |   |    | 71  |

| <b>TUBE</b>    | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SR I</b> |
|----------------|---------------------|----------|----------|----------|-------------|
| <b>15FY7</b>   | 8                   | 15       | C        | 3        | 10          |
|                | 8                   | 15       | E        | 10       | 10          |
| <b>15HA6</b>   | 8,9                 | 15       | C        | 2        | 3           |
| <b>15HB6</b>   | 8,9                 | 15       | C        | 2        | 3           |
| <b>15KY8</b>   |                     | 15       | C        | 2        | 5           |
|                |                     | 15       | G        | 9        | 5           |
| <b>15LE8</b>   |                     | 15       | D        | 9        | 3           |
| <b>15MF8</b>   | 7                   | 15       | A        | 6        | 10          |
|                | 7                   | 15       | E        | 10       | 10          |
| <b>15MX8</b>   |                     | 15       | C        | 2        | 5           |
|                |                     | 15       | G        | 9        | 5           |
| <b>16A</b>     |                     | 6        | D        | 1        | 4           |
| <b>16A5</b>    | 6,8                 | 16       | C        | 2        | 3           |
| <b>16A8</b>    |                     | 16       | C        | 3        | 3           |
|                |                     | 16       | E        | 1        | 3           |
| <b>16AK9*</b>  | 4,6                 | 16       | E        | 3        | 10          |
|                | 4,6                 | 16       | E        | 10       | 10          |
|                | 4,6                 | 16       | B        | 8        | 10          |
|                | Normal short 7, H-K |          |          |          |             |
| <b>16AQ3</b>   | 1,2,3,6,7,8         | 16       | A        | 9        | 3           |
| <b>16BQ11</b>  |                     | 16       | E        | 5        | 10          |
|                |                     | 16       | E        | 10       | 10          |
| <b>16BX11</b>  |                     | 16       | D        | 2        | 10          |
|                |                     | 16       | E        | 5        | 10          |
|                |                     | 16       | E        | 8        | 10          |
| <b>16CB28</b>  | 1,2,3,4,6,7,8,9,0   | 16       | A        | 5        | 10          |
| <b>16G-B16</b> | 5,6,8               | 16       | A        | 1        | 1           |
| <b>16GK6</b>   | 3,6                 | 16       | C        | 2        | 3           |
| <b>16GK8</b>   |                     | 16       | C        | 3        | 3           |
|                |                     | 16       | F        | 1        | 3           |
| <b>16GY5</b>   | 1,2,6,7,8,9,0       | 16       | A        | 5        | 10          |
| <b>16KA6</b>   | 1,2,6,7,8,9         | 16       | A        | 5        | 10          |
| <b>16LU8</b>   | 3,5,7               | 16       | B        | 6        | 10          |
|                | 3,5,7               | 16       | B        | 10       | 10          |
| <b>16MY8</b>   | 7                   | 16       | A        | 6        | 10          |
|                | 7                   | 16       | A        | 10       | 10          |
| <b>16Y9</b>    |                     | 16       | C        | 8        | 11          |
|                |                     | 16       | D        | 1        | 11          |
| <b>17A8</b>    |                     | 17       | D        | 2        | 3           |
|                |                     | 17       | E        | 9        | 3           |

| <b>TUBE</b>    | <b>A</b>        | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|----------------|-----------------|----------|----------|----------|------------|
| <b>17AB9</b>   |                 | 17       | D        | 1        | 11         |
|                |                 | 17       | D        | 6        | 11         |
| <b>17AB10</b>  | 0               | 17       | A        | 11       | 10         |
|                | 0               | 17       | H        | 7        | 10         |
| <b>17AV5</b>   |                 | 17       | A        | 1        | 1          |
| <b>17AX3</b>   | 10              | 17       | A        | 4        | 10         |
| <b>17AX4</b>   | 1,2,4,6         | 17       | A        | 5        | 2          |
| <b>17AX10</b>  | 0               | 17       | H        | 7        | 10         |
|                | 0               | 17       | A        | 1        | 10         |
| <b>17AY3</b>   | 1,3,6,7,8       | 17       | A        | 2        | 5          |
| <b>17B-B14</b> | 2,7,8,9         | 17       | A        | 1        | 12         |
| <b>17BE3</b>   | 4               | 17       | A        | 10       | 10         |
| <b>17BF11</b>  |                 | 17       | C        | 8        | 10         |
|                |                 | 17       | F        | 3        | 10         |
| <b>17BH3</b>   | 1,3,6,7,8       | 17       | A        | 2        | 5          |
| <b>17BJ6</b>   |                 | 17       | D        | 1        | 4          |
| <b>17BQ6</b>   |                 | 17       | A        | 5        | 1          |
| <b>17BR3</b>   | 1,2,3,6,7,8     | 17       | A        | 9        | 3          |
| <b>17BS3</b>   | 1,3,6,7,8       | 17       | A        | 2        | 5          |
| <b>17BW3</b>   | 1,2,3,5,6,8,9,0 | 17       | A        | 4        | 10         |
| <b>17BZ3</b>   | 1,2,3,5,6,8,9,0 | 17       | A        | 4        | 10         |
| <b>17C5</b>    | 5               | 17       | C        | 2        | 4          |
| <b>17C8</b>    |                 | 17       | F        | 2        | 3          |
|                |                 | 17       | G        | 7        | 3          |
|                |                 | 17       | G        | 8        | 3          |
| <b>17C9</b>    |                 | 17       | E        | 1        | 3          |
|                |                 | 17       | E        | 7        | 3          |
| <b>17CA5</b>   | 5               | 16       | B        | 2        | 4          |
| <b>17CA9</b>   | 5               | 17       | C        | 2        | 4          |
| <b>17CK3</b>   | 1,3,6,7,8       | 17       | A        | 2        | 5          |
| <b>17CL3</b>   | 1,3,6,7,8       | 17       | A        | 2        | 5          |
| <b>17CQ4</b>   | 2               | 17       | A        | 5        | 2          |
| <b>17CT3</b>   | 1,3,6,7,8       | 17       | A        | 2        | 3          |
| <b>17CU5</b>   | 5               | 17       | C        | 2        | 4          |
| <b>17D4</b>    | 1,2,4,6         | 17       | A        | 5        | 2          |
| <b>17DE4</b>   | 1,2,4,6         | 17       | A        | 5        | 2          |
| <b>17DL8</b>   |                 | 17       | C        | 2        | 3          |
|                |                 | 17       | D        | 9        | 3          |
| <b>17DM4</b>   | 1,2,4,6         | 17       | A        | 5        | 2          |
| <b>17DQ4</b>   | 1,2,4,6         | 17       | A        | 5        | 2          |
| <b>17DQ6</b>   |                 | 17       | A        | 5        | 1          |
| <b>17DW4</b>   | 1,3,6,7,8       | 17       | A        | 2        | 5          |

| <b>TUBE</b>    | <b>A</b>      | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|----------------|---------------|----------|----------|----------|------------|
| <b>17EM7</b>   |               | 17       | D        | 1        | 2          |
|                |               | 17       | F        | 4        | 2          |
| <b>17EW8</b>   | 9             | 17       | E        | 2        | 3          |
|                | 9             | 17       | E        | 7        | 3          |
| <b>17G-B3</b>  | 3             | 17       | A        | 5        | 1          |
| <b>17GE5</b>   | 1,5,6,8,9,0   | 17       | A        | 3        | 10         |
| <b>17GJ5</b>   | 1,6,8,9       | 17       | A        | 2        | 5          |
| <b>17GT5</b>   | 1,6,8         | 17       | A        | 2        | 5          |
| <b>17GV5</b>   | 1,2,6,7,8,9,0 | 17       | A        | 5        | 10         |
| <b>17GW6</b>   |               | 17       | A        | 5        | 1          |
| <b>17H3</b>    | 2,6,7,8,9     | 17       | A        | 3        | 8          |
| <b>17H-B25</b> | 1,7,8         | 17       | A        | 2        | 12         |
| <b>17HC8</b>   |               | 17       | C        | 3        | 3          |
|                |               | 17       | F        | 1        | 3          |
| <b>17JB6</b>   | 6,7,9         | 17       | A        | 2        | 5          |
| <b>17JF6</b>   | 6,7,9         | 17       | A        | 2        | 5          |
| <b>17JG6</b>   | 7,8           | 17       | A        | 2        | 5          |
| <b>17JK8</b>   | 9             | 17       | F        | 7        | 3          |
|                | 9             | 17       | E        | 2        | 3          |
| <b>17JM6</b>   | 1,6,7,8,9,0   | 17       | A        | 5        | 10         |
| <b>17JN6</b>   | 5,6,8,9,0     | 17       | A        | 1        | 10         |
| <b>17JQ6</b>   | 2,7           | 17       | A        | 8        | 3          |
|                | 2,7           | 17       | G        | 6        | 3          |
| <b>17JR6</b>   | 7,8           | 17       | A        | 2        | 5          |
| <b>17JT6</b>   | 7,8           | 17       | A        | 2        | 5          |
| <b>17JZ8</b>   | 3,5,7         | 17       | C        | 6        | 10         |
|                | 3,5,7         | 17       | E        | 10       | 10         |
| <b>17KV6</b>   | 7,8           | 17       | A        | 2        | 5          |
| <b>17KW6</b>   | 2,8,9         | 17       | B        | 1        | 12         |
| <b>17L6</b>    |               | 17       | C        | 5        | 1          |
| <b>17LD8</b>   |               | 17       | C        | 2        | 5          |
|                |               | 17       | G        | 9        | 5          |
| <b>17N8</b>    |               | 17       | F        | 2        | 3          |
|                |               | 17       | G        | 7        | 3          |
|                |               | 17       | G        | 8        | 3          |
| <b>17R5</b>    | 5             | 17       | C        | 2        | 4          |
| <b>17R-HH2</b> |               | 17       | E        | 2        | 3          |
|                |               | 17       | E        | 7        | 3          |
| <b>17R-K19</b> | 1,2,3,6,7,8   | 17       | A        | 9        | 3          |

| <b>TUBE</b>   | <b>A</b>    | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|-------------|----------|----------|----------|------------|
| <b>17W6</b>   |             | 17       | C        | 5        | 1          |
| <b>17X3</b>   | 1,2,3,6,7,8 | 17       | A        | 9        | 3          |
| <b>17X10</b>  | 0           | 17       | B        | 1        | 10         |
|               | 0           | 17       | H        | 6        | 10         |
| <b>17Y9</b>   |             | 17       | D        | 1        | 11         |
|               |             | 17       | C        | 8        | 11         |
| <b>17Z3</b>   | 1,2,3,6,7,8 | 17       | A        | 9        | 3          |
| <b>18A5</b>   |             | 18       | A        | 1        | 1          |
| <b>18AJ10</b> |             | 18       | F        | 3        | 10         |
|               |             | 18       | B        | 8        | 10         |
| <b>18AK5</b>  | 2           | 18       | E        | 1        | 4          |
| <b>18AQ5</b>  | 7           | 18       | C        | 1        | 4          |
| <b>18AW6</b>  |             | 19       | F        | 1        | 4          |
| <b>18D2</b>   |             | 10       | D        | 9        | 3          |
|               |             | 10       | D        | 2        | 3          |
| <b>18D9</b>   |             | 1        | G        | 6        | 7          |
|               |             | 1        | H        | 3        | 7          |
| <b>18DZ8</b>  |             | 18       | C        | 1        | 3          |
|               |             | 18       | F        | 3        | 3          |
| <b>18FW6</b>  |             | 18       | D        | 1        | 4          |
| <b>18FX6</b>  |             | 18       | E        | 1        | 4          |
| <b>18FY6</b>  |             | 18       | F        | 1        | 4          |
|               |             | 18       | G        | 5        | 4          |
|               |             | 18       | G        | 6        | 4          |
| <b>18GB5</b>  | 2,7,8,9     | 18       | A        | 1        | 12         |
| <b>18GD6</b>  |             | 18       | D        | 1        | 4          |
| <b>18GE6</b>  |             | 18       | F        | 1        | 4          |
|               |             | 18       | G        | 5        | 4          |
|               |             | 18       | G        | 6        | 4          |
| <b>18GV8</b>  |             | 18       | B        | 9        | 3          |
|               |             | 18       | F        | 2        | 3          |
| <b>18HB8</b>  |             | 18       | C        | 9        | 3          |
|               |             | 18       | F        | 1        | 3          |
| <b>18J6</b>   |             | 18       | E        | 5        | 4          |
|               |             | 18       | E        | 6        | 4          |
| <b>18RAL1</b> | 3           | 18       | C        | 2        | 3          |
|               | 3           | 18       | F        | 7        | 3          |

| TUBE  | A             | B  | C | D  | SKT |
|-------|---------------|----|---|----|-----|
| 19A3  | 6             | 19 | A | 5  | 4   |
| 19AJ8 |               | 19 | E | 2  | 3   |
|       |               | 19 | F | 9  | 3   |
| 19AQ5 | 7             | 19 | C | 1  | 4   |
| 19AU4 | 1,2,4,6       | 19 | A | 5  | 2   |
| 19AU6 |               | 19 | D | 1  | 4   |
| 19BA6 |               | 19 | D | 1  | 4   |
| 19BD  | 1,2,6,7,8     | 19 | A | 9  | 3   |
| 19BG6 |               | 19 | A | 5  | 1   |
| 19BX6 | 1             | 19 | D | 2  | 3   |
| 19BY7 | 3             | 19 | D | 2  | 3   |
| 19C8  |               | 19 | F | 8  | 3   |
|       |               | 19 | G | 6  | 3   |
|       |               | 19 | G | 2  | 3   |
|       |               | 19 | G | 1  | 3   |
| 19CG3 | 2,4,5,6,8,9   | 19 | A | 10 | 10  |
| 19CL8 |               | 19 | D | 1  | 3   |
|       |               | 19 | D | 9  | 3   |
| 19CS4 |               | 19 | A | 5  | 2   |
| 19D8  |               | 19 | E | 2  | 3   |
|       |               | 19 | F | 9  | 3   |
| 19DC8 |               | 19 | E | 2  | 3   |
|       |               | 19 | G | 7  | 3   |
|       |               | 19 | G | 8  | 3   |
| 19DE3 | 2,5,6,7,8,9,0 | 19 | A | 4  | 10  |
| 19DE7 | 3             | 19 | C | 2  | 3   |
|       | 3             | 19 | E | 7  | 3   |
| 19DK3 | 3,6,7,8       | 19 | A | 2  | 5   |
| 19DQ3 | 2,5,6,8,9,0   | 19 | A | 4  | 10  |
| 19EA8 |               | 19 | D | 2  | 3   |
|       |               | 19 | D | 9  | 3   |
| 19EW7 | 3             | 19 | F | 7  | 3   |
|       | 3             | 19 | C | 2  | 3   |
| 19EZ8 |               | 19 | E | 2  | 3   |
|       |               | 19 | E | 7  | 3   |
|       |               | 19 | E | 9  | 3   |
| 19FK6 | 1,8           | 19 | A | 7  | 12  |

| <b>TUBE</b>    | <b>A</b>    | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|----------------|-------------|----------|----------|----------|------------|
| <b>19FL8</b>   |             | 19       | E        | 2        | 3          |
|                |             | 19       | G        | 7        | 3          |
|                |             | 19       | G        | 8        | 3          |
| <b>19FX5</b>   | 5           | 19       | B        | 2        | 4          |
| <b>19GQ7</b>   | 3           | 19       | E        | 2        | 3          |
|                | 3           | 19       | E        | 6        | 3          |
|                | 3           | 19       | E        | 8        | 3          |
| <b>19HR6</b>   |             | 19       | D        | 1        | 4          |
| <b>19HS6</b>   |             | 19       | E        | 1        | 4          |
| <b>19HV8</b>   |             | 19       | D        | 9        | 3          |
|                |             | 19       | F        | 1        | 3          |
| <b>19J6</b>    |             | 19       | E        | 5        | 4          |
|                |             | 19       | E        | 6        | 4          |
| <b>19JN8</b>   |             | 19       | D        | 9        | 3          |
|                |             | 19       | D        | 1        | 3          |
| <b>19KF6</b>   | 1,8         | 19       | A        | 7        | 12         |
| <b>19KG8</b>   |             | 19       | D        | 2        | 3          |
|                |             | 19       | E        | 9        | 3          |
| <b>19M-R9</b>  |             | 19       | F        | 1        | 4          |
| <b>19M-R10</b> |             | 19       | E        | 1        | 4          |
| <b>19M-R19</b> |             | 19       | E        | 1        | 4          |
| <b>19Q9</b>    |             | 19       | D        | 2        | 3          |
|                |             | 19       | D        | 8        | 3          |
| <b>19R-P11</b> |             | 19       | C        | 1        | 8          |
| <b>19SU</b>    | 1,2,6,7,8,9 | 19       | A        | 9        | 3          |
| <b>19T8</b>    |             | 19       | F        | 8        | 3          |
|                |             | 19       | G        | 6        | 3          |
|                |             | 19       | G        | 2        | 3          |
|                |             | 19       | G        | 1        | 3          |
| <b>19U3</b>    | 1,2,6,7,8   | 19       | A        | 9        | 3          |
| <b>19V8</b>    |             | 19       | F        | 6        | 3          |
|                |             | 19       | G        | 9        | 3          |
|                |             | 19       | G        | 7        | 3          |
|                |             | 19       | G        | 2        | 3          |
| <b>19W3</b>    | 1,2,6,7,8   | 19       | A        | 9        | 3          |
| <b>19X3</b>    | 1,2,6,7,8   | 19       | A        | 9        | 3          |
| <b>19X8</b>    |             | 19       | E        | 2        | 3          |
|                |             | 19       | E        | 7        | 3          |

| <b>TUBE</b>  | <b>A</b>        | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|-----------------|----------|----------|----------|------------|
| <b>19Y3</b>  | 1,2,6,7,8       | 19       | A        | 9        | 3          |
| <b>20AQ3</b> | 1,2,3,6,7,8     | 20       | A        | 9        | 3          |
| <b>20D3</b>  | 9               | 12       | F        | 2        | 3          |
|              | 9               | 12       | F        | 7        | 3          |
| <b>20D4</b>  |                 | 20       | D        | 2        | 3          |
|              |                 | 20       | D        | 9        | 3          |
| <b>20EQ7</b> |                 | 20       | E        | 2        | 3          |
|              |                 | 20       | G        | 8        | 3          |
| <b>20EW7</b> | 3               | 20       | C        | 2        | 3          |
|              | 3               | 20       | F        | 7        | 3          |
| <b>20EZ7</b> | 3               | 20       | D        | 5        | 13         |
|              | 3               | 20       | D        | 8        | 13         |
| <b>20J8</b>  |                 | 20       | E        | 10       | 1          |
|              |                 | 20       | F        | 5        | 1          |
| <b>20LF6</b> | 3,4,5,6,7,8     | 20       | A        | 9        | 10         |
| <b>20LX6</b> | 1,6,7,8,9,0     | 20       | A        | 5        | 10         |
| <b>20P18</b> | 1,2,6,7,8       | 15       | C        | 2        | 3          |
| <b>21A6</b>  | 1,6,7           | 21       | C        | 2        | 3          |
| <b>21A7</b>  |                 | 21       | E        | 6        | 9          |
|              |                 | 21       | F        | 4        | 9          |
| <b>21B6</b>  | 1,6,7           | 21       | C        | 2        | 3          |
| <b>21EX6</b> |                 | 21       | A        | 5        | 1          |
| <b>21GY5</b> | 1,2,6,7,8,9,0   | 21       | A        | 5        | 10         |
| <b>21HB5</b> | 1,5,6,8,9,0     | 21       | A        | 3        | 10         |
| <b>21HD5</b> | 1,2,6,8,9,0     | 21       | A        | 3        | 10         |
| <b>21HJ5</b> | 1,6,8,9,0       | 21       | A        | 3        | 10         |
| <b>21JS6</b> | 1,7,9,0         | 21       | A        | 5        | 10         |
| <b>21JV6</b> | 5,6,8,9,0       | 21       | A        | 1        | 10         |
| <b>21JZ6</b> | 1,6,7,8,9,0     | 21       | A        | 5        | 10         |
| <b>21KA6</b> | 1,2,6,7,8,9     | 21       | A        | 5        | 10         |
| <b>21KQ6</b> | 6,7,8           | 21       | A        | 1        | 12         |
| <b>21LG6</b> | 2,3,6,7,8,9,0   | 21       | A        | 5        | 10         |
| <b>21LR8</b> |                 | 21       | C        | 2        | 5          |
|              |                 | 21       | D        | 9        | 5          |
| <b>21LU8</b> | 3,5,7           | 21       | B        | 6        | 10         |
|              | 3,5,7           | 21       | E        | 10       | 10         |
| <b>21MY8</b> | 7               | 21       | A        | 6        | 10         |
|              | 7               | 21       | A        | 10       | 10         |
| <b>22BA3</b> | 1,3,6,7,8       | 17       | A        | 2        | 5          |
| <b>22BH3</b> | 1,3,6,7,8       | 22       | A        | 2        | 5          |
| <b>22BW3</b> | 1,2,3,5,6,8,9,0 | 22       | A        | 4        | 10         |

| <b>TUBE</b>    | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|----------------|---------------------|----------|----------|----------|------------|
| <b>22DE4</b>   | 1,2,4,6             | 22       | A        | 5        | 2          |
| <b>22JF6</b>   | 6,7,9               | 22       | A        | 2        | 5          |
| <b>22JG6</b>   | 7,8                 | 22       | A        | 2        | 5          |
| <b>22JR6</b>   | 7,8                 | 22       | A        | 2        | 5          |
| <b>22JU6</b>   | 6,7,9               | 22       | A        | 2        | 5          |
| <b>22KM6</b>   | 6,7,9               | 22       | A        | 2        | 5          |
| <b>22KV6</b>   | 7,8                 | 22       | A        | 2        | 5          |
| <b>23JS6</b>   | 1,6,7,8,9,0         | 23       | A        | 5        | 10         |
| <b>23MB6</b>   | 1,7,9,0             | 23       | A        | 5        | 10         |
| <b>23Z9*</b>   | 4,6                 | 23       | E        | 3        | 10         |
|                | 4,6                 | 23       | E        | 10       | 10         |
|                | 4,6                 | 23       | C        | 8        | 10         |
|                | Normal short 7, H-K |          |          |          |            |
| <b>24AX4</b>   | 2                   | 24       | A        | 5        | 2          |
| <b>24BF11</b>  |                     | 24       | C        | 8        | 10         |
|                |                     | 24       | D        | 3        | 10         |
| <b>24GA7</b>   | 2                   | 24       | A        | 4        | 10         |
|                | 2                   | 24       | A        | 1        | 10         |
| <b>24JE6</b>   | 6,7,9               | 24       | A        | 2        | 5          |
| <b>24JZ8</b>   | 3,5,7               | 24       | C        | 6        | 10         |
|                | 3,5,7               | 24       | E        | 10       | 10         |
| <b>24LQ6</b>   | 6,7,9               | 24       | A        | 2        | 5          |
| <b>24LZ6</b>   | 6,7,9               | 24       | A        | 2        | 5          |
| <b>25A6</b>    |                     | 25       | C        | 5        | 1          |
| <b>25A7</b>    |                     | 25       | B        | 6        | 1          |
|                |                     | 25       | C        | 5        | 1          |
| <b>25AC5</b>   |                     | 25       | F        | 5        | 1          |
| <b>25AU4</b>   | 1,2,4,6             | 25       | A        | 5        | 2          |
| <b>25AV5</b>   |                     | 25       | A        | 1        | 1          |
| <b>25AX4</b>   | 1,2,4,6             | 25       | A        | 5        | 2          |
| <b>25B6</b>    |                     | 25       | C        | 5        | 1          |
| <b>25B8</b>    |                     | 25       | E        | 10       | 1          |
|                |                     | 25       | F        | 8        | 1          |
| <b>25B-B14</b> | 1,6,7,8             | 25       | A        | 2        | 12         |
| <b>25BK5</b>   | 7                   | 25       | C        | 3        | 3          |
| <b>25BQ5</b>   |                     | 25       | A        | 5        | 1          |
| <b>25BQ6</b>   |                     | 25       | A        | 5        | 1          |
| <b>25BR3</b>   | 1,2,3,6,7,8         | 25       | A        | 9        | 3          |
| <b>25C5</b>    | 5                   | 25       | C        | 2        | 4          |
| <b>25C6</b>    |                     | 25       | C        | 5        | 1          |

| <b>TUBE</b>    | <b>A</b>    | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKI</b> |
|----------------|-------------|----------|----------|----------|------------|
| <b>25CA5</b>   | 5           | 25       | C        | 2        | 4          |
| <b>25CD6</b>   |             | 25       | A        | 5        | 1          |
| <b>25CG3</b>   | 2,4,5,6,8,9 | 25       | A        | 10       | 10         |
| <b>25CK3</b>   | 1,3,6,7,8   | 25       | A        | 2        | 5          |
| <b>25CM3</b>   | 1,3,6,7,8   | 25       | A        | 2        | 5          |
| <b>25CR5</b>   | 6,7,8       | 25       | C        | 3        | 3          |
| <b>25CT3</b>   | 1,3,6,7,8   | 25       | A        | 2        | 3          |
| <b>25CU6</b>   |             | 25       | A        | 5        | 1          |
| <b>25D4</b>    | 1,2,4,6     | 25       | A        | 5        | 2          |
| <b>25D8</b>    |             | 25       | E        | 10       | 1          |
|                |             | 25       | G        | 8        | 1          |
|                |             | 25       | G        | 5        | 1          |
| <b>25DK3</b>   | 3,6,7,8     | 25       | A        | 2        | 5          |
| <b>25DK4</b>   | 7           | 25       | B        | 5        | 4          |
| <b>25DN6</b>   |             | 25       | A        | 5        | 1          |
| <b>25DQ6</b>   |             | 25       | A        | 5        | 1          |
| <b>25DT5</b>   | 2,6,8       | 25       | C        | 3        | 3          |
| <b>25E5</b>    | 1,3         | 25       | C        | 5        | 1          |
| <b>25EC6</b>   |             | 25       | A        | 5        | 1          |
| <b>25EH5</b>   | 5           | 25       | C        | 2        | 4          |
| <b>25F5</b>    | 5           | 25       | C        | 2        | 4          |
| <b>25FY8</b>   |             | 25       | E        | 3        | 3          |
|                |             | 25       | F        | 1        | 3          |
| <b>25GB5</b>   | 2,7,8,9     | 25       | A        | 1        | 12         |
| <b>25G-B6</b>  |             | 25       | A        | 5        | 1          |
| <b>25GF6</b>   | 1           | 25       | C        | 5        | 1          |
| <b>25HX5</b>   | 3,7,8       | 25       | A        | 1        | 12         |
| <b>25JQ6</b>   | 2,7         | 25       | A        | 8        | 3          |
|                | 2,7         | 25       | G        | 6        | 3          |
| <b>25JZ8</b>   | 6           | 25       | C        | 7        | 10         |
|                | 6           | 25       | E        | 10       | 10         |
| <b>25L6</b>    |             | 25       | C        | 5        | 1          |
| <b>25LQ6</b>   | 6,7,9       | 24       | A        | 2        | 5          |
| <b>25M-P20</b> |             | 25       | A        | 1        | 4          |
| <b>25N6</b>    |             | 25       | A        | 5        | 1          |
| <b>25R-K19</b> | 1,2,3,6,7,8 | 25       | A        | 9        | 3          |
| <b>25SN7</b>   |             | 25       | E        | 1        | 2          |
|                |             | 25       | E        | 4        | 2          |
| <b>25U4</b>    | 1,2,4,6     | 25       | A        | 5        | 2          |
| <b>25W4</b>    | 1,2,4,6     | 25       | A        | 5        | 2          |
| <b>25W6</b>    |             | 25       | C        | 5        | 1          |

| <b>TUBE</b>  | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|---------------------|----------|----------|----------|------------|
| <b>25X6</b>  |                     | 25       | B        | 3        | 1          |
|              |                     | 25       | B        | 5        | 1          |
| <b>25Y4</b>  |                     | 25       | B        | 5        | 1          |
| <b>25Z4</b>  | 1,3,4,6             | 25       | B        | 5        | 1          |
| <b>25Z6</b>  |                     | 25       | B        | 3        | 1          |
|              |                     | 25       | B        | 5        | 1          |
| <b>26A6</b>  |                     | 26       | D        | 1        | 4          |
| <b>26A7*</b> | 3                   | 26       | C        | 1        | 2          |
|              | 1                   | 26       | C        | 3        | 2          |
|              | Normal short 6, H-K |          |          |          |            |
| <b>26AQ8</b> |                     | 26       | D        | 2        | 3          |
|              |                     | 26       | D        | 7        | 3          |
| <b>26BK6</b> |                     | 26       | F        | 1        | 4          |
|              |                     | 26       | G        | 5        | 4          |
|              |                     | 26       | G        | 6        | 4          |
| <b>26C6</b>  |                     | 26       | F        | 1        | 4          |
|              |                     | 26       | G        | 5        | 4          |
|              |                     | 26       | G        | 6        | 4          |
| <b>26CG6</b> |                     | 26       | E        | 1        | 4          |
| <b>26D6</b>  |                     | 26       | E        | 1        | 4          |
| <b>26E6</b>  |                     | 26       | C        | 5        | 1          |
| <b>26HU5</b> | 5,6                 | 26       | A        | 1        | 2          |
| <b>26LW6</b> | 1,6                 | 26       | A        | 5        | 2          |
| <b>26LX6</b> | 1,6,7,8,9,0         | 26       | A        | 5        | 10         |
| <b>26Z5</b>  | 9                   | 26       | B        | 1        | 3          |
|              | 9                   | 26       | B        | 6        | 3          |
| <b>27BL7</b> |                     | 27       | D        | 2        | 3          |
|              |                     | 27       | D        | 9        | 3          |
| <b>27BL8</b> |                     | 27       | D        | 2        | 3          |
|              |                     | 27       | D        | 9        | 3          |
| <b>27GB5</b> | 2,7,8,9             | 27       | A        | 1        | 12         |
| <b>27KG6</b> | 6,7,8               | 27       | A        | 1        | 12         |
| <b>28AK8</b> |                     | 28       | F        | 8        | 3          |
|              |                     | 28       | G        | 6        | 3          |
|              |                     | 28       | G        | 2        | 3          |
|              |                     | 28       | G        | 1        | 3          |
| <b>28D7</b>  |                     | 28       | D        | 2        | 9          |
|              |                     | 28       | D        | 7        | 9          |
| <b>28GB5</b> | 2,7,8,9             | 28       | A        | 1        | 12         |
| <b>28HA6</b> | 8,9                 | 28       | C        | 2        | 3          |

| TUBE    | A           | B  | C | D  | SKT |
|---------|-------------|----|---|----|-----|
| 28HD5   | 1,2,6,8,9,0 | 28 | A | 3  | 10  |
| 28Z5    | 4           | 28 | B | 3  | 9   |
|         | 4           | 28 | B | 6  | 9   |
| 29AQ8   |             | 26 | E | 2  | 3   |
|         |             | 26 | E | 7  | 3   |
| 29GK6   | 3,6         | 29 | C | 2  | 3   |
| 29HA6   | 3,7         | 29 | C | 2  | 3   |
| 29KQ6   | 6,7,8       | 29 | A | 1  | 12  |
| 29LE6   | 6,7,8       | 29 | A | 1  | 12  |
| 30A5    | 5           | 30 | C | 2  | 4   |
| 30AE3   | 1,2,3,6,7,8 | 30 | A | 9  | 3   |
| 30AG3   | 1,2,3,6,7,8 | 30 | A | 9  | 3   |
| 30AG11  |             | 30 | E | 5  | 10  |
|         |             | 30 | E | 8  | 10  |
|         |             | 30 | F | 3  | 10  |
|         |             | 30 | F | 10 | 10  |
| 30C1    |             | 9  | D | 2  | 3   |
|         |             | 9  | D | 9  | 3   |
| 30C13   |             | 9  | D | 2  | 3   |
|         |             | 9  | D | 9  | 3   |
| 30C18   | 6           | 7  | E | 9  | 3   |
|         | 6           | 7  | D | 7  | 3   |
| 30CW5   | 1,6,8       | 30 | C | 2  | 3   |
| 30F5    | 3           | 7  | E | 2  | 3   |
| 30HD5   | 1,2,6,8,9   | 30 | A | 3  | 10  |
| 30HJ5   | 1,6,8,9,0   | 30 | A | 3  | 10  |
| 30JZ6   | 1,6,7,8,9,0 | 30 | A | 5  | 10  |
| 30KD6   | 1,6,7,8,9,0 | 30 | A | 5  | 10  |
| 30L1    | 7           | 7  | E | 2  | 3   |
|         | 7           | 7  | E | 6  | 3   |
| 30L15   | 7           | 7  | E | 2  | 3   |
|         | 7           | 7  | E | 6  | 3   |
| 30MB6   | 1,7,9,0     | 30 | A | 5  | 10  |
| 30M-P27 | 2           | 30 | B | 5  | 4   |
| 30P4    | 1           | 25 | C | 5  | 1   |
| 30P12   | 1           | 12 | C | 2  | 3   |
| 30P16   | 6           | 16 | C | 2  | 3   |
| 30P18   | 1,6,8       | 15 | C | 2  | 3   |
| 30P19   | 1           | 25 | C | 5  | 1   |
| 30PL1   |             | 13 | C | 9  | 3   |
|         |             | 13 | E | 2  | 3   |

| <b>TUBE</b>   | <b>A</b>        | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|-----------------|----------|----------|----------|------------|
| <b>30PL10</b> |                 | 13       | C        | 9        | 3          |
|               |                 | 13       | E        | 2        | 3          |
| <b>30PL12</b> |                 | 16       | C        | 3        | 3          |
|               |                 | 16       | E        | 1        | 3          |
| <b>30PL13</b> |                 | 16       | C        | 3        | 3          |
|               |                 | 16       | F        | 1        | 3          |
| <b>30PL14</b> |                 | 16       | C        | 3        | 3          |
|               |                 | 16       | F        | 1        | 3          |
| <b>31AL10</b> | 6               | 31       | F        | 1        | 10         |
|               | 6               | 31       | F        | 3        | 10         |
|               | 6               | 31       | A        | 8        | 10         |
| <b>31AV3</b>  | 1,2,6,7,8       | 31       | A        | 9        | 3          |
| <b>31JS6</b>  | 1,6,7,8,9,0     | 31       | A        | 5        | 10         |
| <b>31LQ6</b>  | 6,7,9           | 31       | A        | 2        | 5          |
| <b>31LR8</b>  |                 | 31       | C        | 2        | 5          |
|               |                 | 31       | D        | 9        | 5          |
| <b>31LZ6</b>  | 6,7,9           | 31       | A        | 2        | 5          |
| <b>32A8</b>   |                 | 32       | C        | 3        | 3          |
|               |                 | 32       | G        | 1        | 3          |
| <b>32ET5</b>  | 5               | 32       | C        | 2        | 4          |
| <b>32GA7</b>  | 2               | 32       | A        | 4        | 10         |
|               | 2               | 32       | A        | 1        | 10         |
| <b>32HQ7</b>  | 3,6,7           | 32       | A        | 2        | 10         |
|               | 3,6,7           | 32       | A        | 9        | 10         |
| <b>32L7</b>   |                 | 32       | A        | 6        | 1          |
|               |                 | 32       | C        | 5        | 1          |
| <b>33GT7</b>  | 3,6,7,9         | 33       | A        | 2        | 10         |
|               | 3,6,7,9         | 33       | A        | 1        | 10         |
| <b>33GY7</b>  | 3,6,7,9         | 33       | A        | 2        | 10         |
|               | 3,6,7,9         | 33       | A        | 10       | 10         |
| <b>33HE7</b>  | 3,6,7,0         | 33       | A        | 2        | 10         |
|               | 3,6,7,0         | 33       | A        | 9        | 10         |
| <b>33HK7</b>  | 3,6,7,0         | 33       | A        | 2        | 10         |
|               | 3,6,7,0         | 33       | A        | 9        | 10         |
| <b>33JR6</b>  | 7,8             | 33       | A        | 2        | 5          |
| <b>33JV6</b>  | 5,6,8,9,0       | 33       | A        | 1        | 10         |
| <b>34CD3</b>  | 1,2,3,5,6,8,9,0 | 34       | A        | 4        | 10         |
| <b>34CE3</b>  | 1,2,3,4,5,6,8,9 | 34       | A        | 10       | 10         |
| <b>34CM3</b>  | 1,3,6,7,8       | 34       | A        | 2        | 5          |
| <b>34DK3</b>  | 3,6,7,8         | 25       | A        | 2        | 5          |

| TUBE  | A           | B  | C | D  | SKT |
|-------|-------------|----|---|----|-----|
| 34GD5 | 5           | 34 | C | 2  | 4   |
| 34R3  | 1,2,3,6,7,8 | 34 | A | 9  | 3   |
| 35A3  |             | 35 | B | 5  | 4   |
| 35A5  |             | 35 | C | 6  | 9   |
| 35B5  | 7           | 35 | C | 1  | 4   |
| 35C3  |             | 35 | B | 5  | 4   |
| 35C5  | 5           | 35 | C | 2  | 4   |
| 35CD6 |             | 35 | A | 5  | 1   |
| 35D5  | 7,8,9       | 35 | C | 1  | 3   |
| 35DZ8 |             | 35 | C | 3  | 3   |
|       |             | 35 | F | 1  | 3   |
| 35EH5 | 5           | 35 | C | 2  | 4   |
| 35FM5 | 4,6,8       | 35 | A | 5  | 1   |
| 35GL6 | 6           | 35 | C | 2  | 4   |
| 35HB8 |             | 35 | C | 9  | 3   |
|       |             | 35 | F | 1  | 3   |
| 35L6  |             | 35 | C | 5  | 1   |
| 35LR6 | 1,6,7,8,9,0 | 35 | A | 5  | 10  |
| 35QL6 | 7,8,9       | 35 | C | 1  | 3   |
| 35W4  | 6           | 35 | A | 5  | 4   |
| 35X4  |             | 35 | A | 5  | 4   |
| 35Y4  | 4           | 35 | A | 2  | 9   |
| 35Z3  |             | 35 | A | 2  | 9   |
| 35Z4  | 1,3,4,6     | 35 | B | 5  | 1   |
| 35Z5  | 3           | 35 | B | 5  | 1   |
| 35Z6  |             | 35 | B | 3  | 1   |
|       |             | 35 | B | 5  | 1   |
| 36AM3 | 6           | 36 | A | 5  | 4   |
| 36KD6 | 1,6,7,8,9,0 | 36 | A | 5  | 10  |
| 36LW6 | 1,6         | 36 | A | 5  | 2   |
| 36MC6 | 6,7,9       | 36 | A | 2  | 5   |
| 38A3  | 1,2,6,7,8   | 38 | A | 9  | 3   |
| 38HE7 | 3,6,7,0     | 38 | A | 2  | 10  |
|       | 3,6,7,0     | 38 | A | 9  | 10  |
| 38HK7 | 3,6,7,0     | 38 | A | 2  | 10  |
|       | 3,6,7,0     | 38 | A | 9  | 10  |
| 40FR5 | 5           | 40 | C | 2  | 4   |
| 40KD6 | 1,6,7,8,9,0 | 40 | A | 5  | 10  |
| 40KG6 | 6,7,8       | 40 | A | 1  | 12  |
| 40SUA |             | 2  | F | 10 | 1   |
| 40Z5  | 3           | 40 | B | 5  | 1   |
| 42EC4 | 1,3,6,7,8,9 | 42 | A | 2  | 12  |

| <b>TUBE</b>  | <b>A</b>    | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|-------------|----------|----------|----------|------------|
| <b>42EL4</b> | 1,3,6,7,8,9 | 42       | A        | 2        | 12         |
| <b>42KN6</b> | 1,6,7,8,9,0 | 42       | A        | 5        | 10         |
| <b>45B5</b>  | 1,6,8       | 45       | C        | 2        | 3          |
| <b>45Z3</b>  | 3,5,6       | 45       | B        | 2        | 7          |
| <b>45Z5</b>  | 3           | 45       | B        | 5        | 1          |
| <b>48A8</b>  |             | 50       | C        | 3        | 3          |
|              |             | 50       | F        | 1        | 3          |
| <b>50A5</b>  |             | 50       | C        | 6        | 9          |
| <b>50AX6</b> |             | 50       | A        | 3        | 1          |
|              |             | 50       | A        | 5        | 1          |
| <b>50B5</b>  | 7           | 50       | C        | 1        | 4          |
| <b>50BK5</b> | 7           | 50       | C        | 3        | 3          |
| <b>50BM8</b> |             | 50       | C        | 3        | 3          |
|              |             | 50       | F        | 1        | 3          |
| <b>50C5</b>  | 5           | 50       | C        | 2        | 4          |
| <b>50C6</b>  |             | 50       | C        | 5        | 1          |
| <b>50CA5</b> | 5           | 50       | C        | 2        | 4          |
| <b>50CD6</b> |             | 50       | A        | 5        | 1          |
| <b>50DC4</b> | 6           | 50       | A        | 5        | 4          |
| <b>50E5</b>  | 1,3         | 50       | C        | 5        | 1          |
| <b>50EH5</b> | 5           | 50       | C        | 2        | 4          |
| <b>50FA5</b> | 5           | 50       | C        | 2        | 4          |
| <b>50FE5</b> |             | 50       | C        | 5        | 1          |
| <b>50FK5</b> |             | 50       | C        | 2        | 4          |
| <b>50FY8</b> |             | 50       | E        | 3        | 3          |
|              |             | 50       | F        | 1        | 3          |
| <b>50GY7</b> | 3,6,7,9     | 50       | A        | 2        | 10         |
|              | 3,6,7,9     | 50       | A        | 10       | 10         |
| <b>50HC6</b> | 6           | 50       | C        | 2        | 4          |
| <b>50HC8</b> | 6           | 50       | C        | 2        | 4          |
| <b>50HK6</b> | 6           | 50       | C        | 2        | 4          |
| <b>50HN5</b> | 1,6,8       | 50       | C        | 2        | 3          |
| <b>50JY6</b> |             | 50       | A        | 5        | 1          |
| <b>50L6</b>  |             | 50       | C        | 5        | 1          |
| <b>50X6</b>  |             | 50       | A        | 3        | 9          |
|              |             | 50       | A        | 6        | 9          |
| <b>50Y6</b>  |             | 50       | B        | 3        | 1          |
|              |             | 50       | B        | 5        | 1          |
| <b>50Y7</b>  | 6           | 50       | A        | 3        | 1          |
|              | 6           | 50       | A        | 5        | 1          |
| <b>50Z6</b>  |             | 50       | A        | 3        | 1          |
|              |             | 50       | A        | 5        | 1          |

| <b>TUBE</b>  | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|---------------------|----------|----------|----------|------------|
| <b>50Z7</b>  | 6                   | 50       | A        | 3        | 1          |
|              | 6                   | 50       | A        | 5        | 1          |
| <b>52KU*</b> | 1,3,5,7             | 5        | A        | 4        | 1          |
|              | 1,3,5,7             | 5        | A        | 6        | 1          |
|              | Normal short 8, H-K |          |          |          |            |
| <b>53</b>    |                     | 2        | C        | 3        | 7          |
|              |                     | 2        | C        | 5        | 7          |
| <b>53HK7</b> | 3,6,7,0             | 53       | A        | 2        | 10         |
|              | 3,6,7,0             | 53       | A        | 9        | 10         |
| <b>54KU</b>  |                     | 5        | B        | 4        | 1          |
|              |                     | 5        | B        | 6        | 1          |
| <b>55A3</b>  | 1,2,6,7,8           | 50       | A        | 9        | 3          |
| <b>55N3</b>  | 1,2,6,7,8           | 50       | A        | 9        | 3          |
| <b>58HE7</b> | 3,6,7,0             | 58       | A        | 2        | 10         |
|              | 3,6,7,0             | 58       | A        | 9        | 10         |
| <b>59</b>    |                     | 3        | B        | 4        | 7          |
| <b>60E3</b>  |                     | 60       | A        | 5        | 4          |
| <b>60EH5</b> | 5                   | 50       | D        | 2        | 4          |
| <b>60FX5</b> | 5                   | 50       | C        | 2        | 4          |
| <b>60HL5</b> | 1,6,8               | 60       | A        | 2        | 3          |
| <b>62TH</b>  | 8                   | 6        | E        | 1        | 10         |
|              | 8                   | 6        | E        | 7        | 10         |
|              | 8                   | 6        | E        | 9        | 10         |
| <b>63T1</b>  |                     | 6        | D        | 7        | 3          |
|              |                     | 6        | D        | 2        | 3          |
| <b>63TP</b>  |                     | 6        | D        | 9        | 3          |
|              |                     | 6        | F        | 2        | 3          |
| <b>64SPT</b> | 1                   | 6        | D        | 2        | 3          |
| <b>64STP</b> | 3                   | 6        | D        | 2        | 3          |
| <b>65ME</b>  | 3,6,8               | 6        | G        | 1        | 3          |
| <b>70A7</b>  | 6                   | 50       | D        | 5        | 1          |
| <b>70L7</b>  |                     | 50       | C        | 8        | 1          |
|              |                     | 50       | D        | 5        | 1          |
| <b>117L7</b> |                     | 50       | B        | 6        | 1          |
|              |                     | 50       | B        | 4        | 1          |
| <b>117M7</b> |                     | 50       | B        | 6        | 1          |
|              |                     | 50       | B        | 4        | 1          |
| <b>117N7</b> | 1,8                 | 50       | B        | 4        | 1          |
| <b>117P7</b> | 1,8                 | 50       | B        | 4        | 1          |
| <b>117Z3</b> | 1,2,7               | 50       | B        | 5        | 4          |
| <b>117Z4</b> | 1,3,4,6             | 50       | B        | 5        | 1          |
| <b>117Z6</b> | 1,6                 | 50       | F        | 3        | 1          |
|              | 1,6                 | 50       | F        | 5        | 1          |

| <b>TUBE</b>   | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|---------------------|----------|----------|----------|------------|
| <b>141DDT</b> | 4                   | 14       | F        | 6        | 9          |
|               | 4                   | 14       | G        | 5        | 9          |
|               | 4                   | 14       | G        | 3        | 9          |
| <b>163PEN</b> | 6,8                 | 16       | C        | 2        | 3          |
| <b>171DDP</b> |                     | 17       | F        | 2        | 3          |
|               |                     | 17       | G        | 7        | 3          |
|               |                     | 17       | G        | 8        | 3          |
| <b>213PEN</b> | 1,6,7               | 21       | C        | 2        | 3          |
| <b>387</b>    | Normal short        | 3        | F        | 3        | 2          |
|               | 1, H-K              | 3        | F        | 6        | 2          |
| <b>401A</b>   | 7                   | 6        | F        | 1        | 4          |
| <b>403B</b>   | 7                   | 6        | E        | 1        | 4          |
| <b>408A</b>   | 2                   | 20       | E        | 1        | 4          |
| <b>409</b>    |                     | 6        | E        | 1        | 4          |
| <b>884</b>    |                     | 6        | F        | 5        | 1          |
| <b>1201*</b>  | 3,5,6               | 6        | F        | 1        | 9          |
|               | Normal Short 7, H-K |          |          |          |            |
| <b>1203A</b>  | 2,3,5,6             | 6        | F        | 4        | 9          |
| <b>1204</b>   | 6                   | 6        | F        | 5        | 9          |
| <b>1206</b>   |                     | 6        | F        | 4        | 9          |
|               |                     | 6        | F        | 5        | 9          |
| <b>1216</b>   |                     | 6        | G        | 5        | 4          |
|               |                     | 6        | G        | 6        | 4          |
| <b>1217</b>   |                     | 6        | F        | 1        | 4          |
| <b>1220</b>   | 2                   | 6        | D        | 1        | 4          |
| <b>1222</b>   |                     | 6        | F        | 5        | 1          |
| <b>1223</b>   |                     | 6        | F        | 10       | 1          |
| <b>1225</b>   |                     | 6        | F        | 10       | 1          |
| <b>1231</b>   |                     | 6        | E        | 9        | 9          |
| <b>1232</b>   |                     | 6        | F        | 9        | 9          |
| <b>1238</b>   |                     | 28       | D        | 2        | 9          |
|               |                     | 28       | D        | 7        | 9          |
| <b>1252</b>   |                     | 6        | D        | 2        | 3          |
|               |                     | 6        | D        | 9        | 3          |
| <b>1273</b>   |                     | 6        | F        | 9        | 9          |
| <b>1274</b>   | 4                   | 6        | B        | 3        | 9          |
|               | 4                   | 6        | B        | 6        | 9          |
| <b>1280</b>   |                     | 6        | F        | 9        | 9          |
| <b>1282</b>   | 4                   | 6        | D        | 6        | 9          |
| <b>1284</b>   |                     | 14       | E        | 6        | 9          |
| <b>1288</b>   |                     | 3        | F        | 3        | 2          |
|               |                     | 3        | F        | 6        | 2          |

Normal short, 1, H-K

| <b>TUBE</b>  | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|---------------------|----------|----------|----------|------------|
| <b>1291*</b> |                     | 6        | F        | 3        | 2          |
|              |                     | 6        | F        | 6        | 2          |
|              | Normal short 1, H-K |          |          |          |            |
| <b>1292</b>  |                     | 3        | F        | 3        | 2          |
|              |                     | 3        | F        | 6        | 2          |
|              | Normal short 1, H-K |          |          |          |            |
| <b>1293</b>  | 5                   | 1        | F        | 6        | 9          |
| <b>1294</b>  |                     | 1        | H        | 4        | 9          |
| <b>1299</b>  | 7                   | 1        | E        | 6        | 9          |
| <b>1302</b>  |                     | 6        | E        | 1        | 2          |
|              |                     | 6        | E        | 4        | 2          |
| <b>1611</b>  |                     | 6        | B        | 5        | 1          |
| <b>1612</b>  |                     | 6        | F        | 10       | 1          |
| <b>1613</b>  |                     | 6        | B        | 5        | 1          |
| <b>1614</b>  |                     | 6        | A        | 5        | 1          |
| <b>1619</b>  |                     | 2        | A        | 5        | 1          |
| <b>1620</b>  |                     | 6        | F        | 10       | 1          |
| <b>1621</b>  |                     | 6        | C        | 5        | 1          |
| <b>1622</b>  |                     | 6        | C        | 5        | 1          |
| <b>1625</b>  | 2,5                 | 13       | A        | 4        | 7          |
| <b>1626</b>  |                     | 12       | E        | 5        | 1          |
| <b>1629</b>  |                     | 12       | F        | 5        | 1          |
| <b>1631</b>  |                     | 12       | C        | 5        | 1          |
| <b>1632</b>  |                     | 12       | C        | 1        | 2          |
| <b>1633</b>  |                     | 25       | E        | 1        | 2          |
|              |                     | 25       | E        | 4        | 2          |
| <b>1634</b>  |                     | 12       | F        | 3        | 2          |
|              |                     | 12       | F        | 4        | 2          |
| <b>1635</b>  |                     | 6        | F        | 4        | 1          |
|              |                     | 6        | F        | 5        | 1          |
| <b>1639</b>  |                     | 6        | F        | 10       | 1          |
|              |                     | 6        | G        | 5        | 1          |
|              |                     | 6        | G        | 4        | 1          |
| <b>1644*</b> | 3                   | 12       | C        | 1        | 2          |
|              | 1                   | 12       | C        | 3        | 2          |
|              | Normal short 6, H-K |          |          |          |            |
| <b>1649</b>  |                     | 6        | D        | 4        | 1          |
| <b>1654</b>  | 2,3,4,5,6           | 1        | H        | 10       | 7          |
| <b>1655</b>  |                     | 6        | F        | 3        | 2          |
|              |                     | 6        | F        | 4        | 2          |
| <b>1662</b>  | 5,6                 | 3        | F        | 4        | 7          |

| <b>TUBE</b>                             | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-----------------------------------------|---------------------|----------|----------|----------|------------|
| <b>1664</b>                             |                     | 12       | E        | 10       | 1          |
|                                         |                     | 12       | G        | 4        | 1          |
|                                         |                     | 12       | G        | 5        | 1          |
| <b>1679</b>                             |                     | 6        | E        | 5        | 4          |
|                                         |                     | 6        | E        | 6        | 4          |
| <b>1852</b>                             |                     | 6        | D        | 4        | 1          |
| <b>1853</b>                             |                     | 6        | D        | 4        | 1          |
| <b>2014</b>                             | 8,9                 | 6        | C        | 2        | 3          |
| <b>2057</b>                             |                     | 6        | E        | 3        | 1          |
|                                         |                     | 6        | E        | 5        | 1          |
| <b>2076*</b>                            | 1,3,5,7             | 5        | A        | 4        | 1          |
|                                         | 1,3,5,7             | 5        | A        | 6        | 1          |
|                                         | Normal short 8, H-K |          |          |          |            |
| <b>2081</b>                             |                     | 6        | D        | 7        | 3          |
|                                         |                     | 6        | D        | 2        | 3          |
| <b>2082</b>                             | 9                   | 12       | E        | 2        | 3          |
|                                         | 9                   | 12       | E        | 7        | 3          |
| <b>2329</b>                             | 3                   | 7        | E        | 2        | 3          |
| <b>4037</b>                             | 3,8                 | 6        | C        | 10       | 1          |
| <b>4623</b>                             | 2,5                 | 6        | F        | 6        | 4          |
| <b>4651</b>                             | 6                   | 6        | A        | 1        | 8          |
|                                         | 6                   | 6        | A        | 7        | 8          |
| <b>5187</b>                             |                     | 6        | C        | 4        | 1          |
| <b>5590</b>                             | 7                   | 6        | F        | 1        | 4          |
| <b>5591</b>                             | 7                   | 6        | E        | 1        | 4          |
| <b>5592</b>                             |                     | 6        | C        | 1        | 2          |
|                                         |                     | 6        | C        | 4        | 2          |
| <b>5595</b>                             | 2                   | 6        | E        | 1        | 4          |
| <b>5608</b>                             |                     | 7        | F        | 3        | 7          |
|                                         |                     | 7        | F        | 5        | 7          |
| <b>5610</b>                             | 5                   | 6        | D        | 6        | 4          |
| <b>5618</b>                             | 5                   | 6        | C        | 6        | 7          |
| <b>5642</b>                             |                     | 1        | H        | 10       | 3          |
| Insert leads into pins 1&5, use top cap |                     |          |          |          |            |
| <b>5654</b>                             | 2                   | 6        | D        | 1        | 4          |
| <b>5656</b>                             | 2                   | 6        | E        | 1        | 4          |
| <b>5659</b>                             |                     | 12       | C        | 5        | 1          |
| <b>5660</b>                             |                     | 12       | E        | 10       | 1          |
|                                         |                     | 12       | G        | 4        | 1          |
|                                         |                     | 12       | G        | 5        | 1          |
| <b>5661</b>                             |                     | 12       | D        | 4        | 1          |

| <b>TUBE</b> | <b>A</b>                                              | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-------------|-------------------------------------------------------|----------|----------|----------|------------|
| <b>5670</b> | 1                                                     | 6        | E        | 3        | 3          |
|             | 1                                                     | 6        | E        | 7        | 3          |
|             | Jumper pins 1 & 5                                     |          |          |          |            |
|             | Normal shorts H-K                                     |          |          |          |            |
| <b>5679</b> | 4                                                     | 6        | E        | 3        | 9          |
|             | 4                                                     | 6        | E        | 6        | 9          |
| <b>5686</b> | 3,8,9                                                 | 6        | C        | 2        | 3          |
| <b>5687</b> | 8                                                     | 12       | D        | 2        | 3          |
|             | 8                                                     | 12       | D        | 7        | 3          |
| <b>5691</b> |                                                       | 6        | F        | 1        | 2          |
|             |                                                       | 6        | F        | 4        | 2          |
| <b>5692</b> |                                                       | 6        | E        | 1        | 2          |
|             |                                                       | 6        | E        | 4        | 2          |
| <b>5693</b> |                                                       | 6        | F        | 4        | 1          |
| <b>5694</b> |                                                       | 6        | F        | 4        | 1          |
|             |                                                       | 6        | F        | 5        | 1          |
| <b>5696</b> | 7                                                     | 6        | B        | 6        | 4          |
|             | Check interruption of<br>emission with No. 1 A switch |          |          |          |            |
|             | 7                                                     | 6        | B        | 1        | 4          |
|             | Grid leakage test                                     |          |          |          |            |
| <b>5721</b> | 9                                                     | 12       | F        | 2        | 3          |
|             | 9                                                     | 12       | F        | 7        | 3          |
| <b>5725</b> |                                                       | 6        | E        | 1        | 4          |
| <b>5726</b> |                                                       | 6        | E        | 2        | 4          |
|             |                                                       | 6        | E        | 7        | 4          |
| <b>5727</b> | 7                                                     | 6        | A        | 6        | 4          |
|             | Check interruption of<br>emission with No. 1 A switch |          |          |          |            |
|             | 7                                                     | 6        | A        | 1        | 4          |
|             | Grid leakage test                                     |          |          |          |            |
| <b>5729</b> | 2                                                     | 6        | E        | 1        | 4          |
| <b>5732</b> |                                                       | 6        | E        | 10       | 1          |
| <b>5749</b> |                                                       | 6        | D        | 1        | 4          |
| <b>5750</b> |                                                       | 6        | D        | 1        | 4          |
| <b>5751</b> | 9                                                     | 12       | F        | 2        | 3          |
|             | 9                                                     | 12       | F        | 7        | 3          |
| <b>5755</b> |                                                       | 6        | F        | 1        | 2          |
|             |                                                       | 6        | F        | 4        | 2          |
| <b>5763</b> | 8                                                     | 6        | C        | 9        | 3          |
| <b>5814</b> | 9                                                     | 12       | D        | 2        | 3          |
|             | 9                                                     | 12       | D        | 7        | 3          |

| TUBE  | A                   | B  | C | D | SKT |
|-------|---------------------|----|---|---|-----|
| 5824  |                     | 25 | C | 5 | 1   |
| 5838  |                     | 12 | B | 3 | 1   |
|       |                     | 12 | B | 5 | 1   |
| 5839  |                     | 26 | B | 3 | 1   |
|       |                     | 26 | B | 5 | 1   |
| 5844  |                     | 6  | G | 5 | 4   |
|       |                     | 6  | G | 6 | 4   |
| 5845  | 7                   | 5  | G | 1 | 4   |
|       | 7                   | 5  | G | 5 | 4   |
| 5852  |                     | 6  | B | 3 | 1   |
|       |                     | 6  | B | 5 | 1   |
| 5871  |                     | 6  | C | 5 | 1   |
| 5873  | 9                   | 6  | E | 2 | 3   |
|       | 9                   | 6  | E | 7 | 3   |
| 5879  |                     | 6  | F | 1 | 3   |
| 5881  |                     | 6  | C | 5 | 1   |
| 5890  | 7                   | 6  | G | 2 | 10  |
| 5910  | 5                   | 1  | G | 6 | 7   |
| 5915  |                     | 6  | E | 1 | 4   |
| 5920  |                     | 6  | E | 5 | 4   |
|       |                     | 6  | E | 6 | 4   |
| 5928  | 2                   | 6  | F | 9 | 3   |
| 5931* | 1,3,5,7             | 5  | A | 4 | 1   |
|       | 1,3,5,7             | 5  | A | 6 | 1   |
|       | Normal short 8, H-K |    |   |   |     |
| 5932  |                     | 6  | C | 5 | 1   |
| 5961  |                     | 6  | D | 5 | 1   |
| 5963  | 9                   | 12 | E | 2 | 3   |
|       | 9                   | 12 | E | 7 | 3   |
| 5964  |                     | 6  | E | 5 | 4   |
|       |                     | 6  | E | 6 | 4   |
| 5965  | 9                   | 12 | E | 2 | 3   |
|       | 9                   | 12 | E | 7 | 3   |
| 5969* |                     | 1  | G | 2 | 2   |
|       |                     | 1  | G | 7 | 2   |
|       | Normal short 1, H-K |    |   |   |     |
| 5970* |                     | 1  | G | 2 | 2   |
|       |                     | 1  | G | 7 | 2   |
|       | Normal short 1, H-K |    |   |   |     |
| 5992  |                     | 6  | C | 5 | 1   |
| 5993  |                     | 6  | A | 1 | 4   |
|       |                     | 6  | A | 6 | 4   |

| <b>TUBE</b>                                                      | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKI</b> |
|------------------------------------------------------------------|----------|----------|----------|----------|------------|
| <b>5998</b>                                                      |          | 6        | C        | 1        | 2          |
|                                                                  |          | 6        | C        | 4        | 2          |
| <b>6000</b>                                                      |          | 26       | C        | 1        | 1          |
| <b>6004*</b>                                                     |          | 5        | B        | 10       | 1          |
|                                                                  |          | 5        | B        | 10       | 1          |
| Change clip lead from one tube cap to other; Normal short 8, H-K |          |          |          |          |            |
| <b>6005</b>                                                      | 7        | 6        | C        | 1        | 4          |
| <b>6006</b>                                                      | 5        | 6        | D        | 4        | 1          |
| <b>6028</b>                                                      | 2        | 20       | E        | 1        | 4          |
| <b>6030</b>                                                      |          | 6        | E        | 5        | 4          |
|                                                                  |          | 6        | E        | 6        | 4          |
| <b>6042</b>                                                      |          | 6        | E        | 1        | 2          |
|                                                                  |          | 6        | E        | 4        | 2          |
| <b>6045</b>                                                      |          | 6        | E        | 5        | 4          |
|                                                                  |          | 6        | E        | 6        | 4          |
| <b>6046</b>                                                      |          | 25       | C        | 5        | 1          |
| <b>6054</b>                                                      |          | 6        | F        | 10       | 1          |
| <b>6057</b>                                                      | 9        | 12       | G        | 2        | 3          |
|                                                                  | 9        | 12       | G        | 7        | 3          |
| <b>6058</b>                                                      |          | 6        | E        | 2        | 4          |
|                                                                  |          | 6        | E        | 7        | 4          |
| <b>6059</b>                                                      |          | 6        | F        | 10       | 1          |
| <b>6060</b>                                                      | 9        | 12       | E        | 2        | 3          |
|                                                                  | 9        | 12       | E        | 7        | 3          |
| <b>6061</b>                                                      |          | 6        | C        | 5        | 1          |
| <b>6062</b>                                                      | 8        | 6        | C        | 9        | 3          |
| <b>6063</b>                                                      |          | 6        | B        | 1        | 4          |
|                                                                  |          | 6        | B        | 6        | 4          |
| <b>6064</b>                                                      |          | 6        | D        | 1        | 4          |
| <b>6065</b>                                                      |          | 6        | E        | 1        | 4          |
| <b>6066</b>                                                      |          | 6        | F        | 1        | 4          |
|                                                                  |          | 6        | G        | 5        | 4          |
|                                                                  |          | 6        | G        | 6        | 4          |
| <b>6067</b>                                                      | 9        | 12       | D        | 2        | 3          |
|                                                                  | 9        | 12       | D        | 7        | 3          |
| <b>6072</b>                                                      | 9        | 12       | F        | 2        | 3          |
|                                                                  | 9        | 12       | F        | 7        | 3          |
| <b>6080</b>                                                      |          | 6        | A        | 1        | 2          |
|                                                                  |          | 6        | A        | 4        | 2          |
| <b>6082</b>                                                      |          | 26       | A        | 1        | 2          |
|                                                                  |          | 26       | A        | 4        | 2          |

| <b>TUBE</b>  | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|---------------------|----------|----------|----------|------------|
| <b>6084</b>  | 7                   | 6        | G        | 9        | 3          |
| <b>6085</b>  | 0,9                 | 12       | E        | 2        | 3          |
|              | 0,9                 | 12       | E        | 7        | 3          |
| <b>6087*</b> | 1,3,5,7             | 5        | B        | 4        | 1          |
|              | Normal short 8, H-K |          |          |          |            |
| <b>6094*</b> | 6,7,9               | 6        | C        | 1        | 3          |
|              | Normal short 3, H-K |          |          |          |            |
| <b>6095</b>  |                     | 6        | C        | 1        | 4          |
| <b>6096</b>  |                     | 6        | E        | 1        | 4          |
| <b>6097</b>  |                     | 6        | E        | 2        | 4          |
|              |                     | 6        | E        | 7        | 4          |
| <b>6099</b>  |                     | 6        | E        | 5        | 4          |
|              |                     | 6        | E        | 6        | 4          |
| <b>6100</b>  | 2,5                 | 6        | E        | 6        | 4          |
| <b>6101</b>  |                     | 6        | E        | 5        | 4          |
|              |                     | 6        | E        | 6        | 4          |
| <b>6106*</b> | 1,3,5,9             | 5        | B        | 4        | 1          |
|              | 1,3,5,9             | 5        | B        | 6        | 1          |
|              | Normal short 8, H-K |          |          |          |            |
| <b>6113</b>  |                     | 6        | F        | 1        | 2          |
|              |                     | 6        | F        | 4        | 2          |
| <b>6118</b>  |                     | 6        | G        | 10       | 1          |
|              |                     | 6        | H        | 4        | 1          |
|              |                     | 6        | H        | 5        | 1          |
| <b>6132</b>  | 1,6                 | 6        | C        | 2        | 3          |
| <b>6134</b>  |                     | 6        | D        | 4        | 1          |
| <b>6135</b>  | 2,5                 | 6        | E        | 6        | 4          |
| <b>6136</b>  |                     | 6        | D        | 1        | 4          |
| <b>6137</b>  |                     | 6        | D        | 4        | 1          |
| <b>6145</b>  |                     | 6        | E        | 6        | 9          |
| <b>6146</b>  | 4,6,8               | 6        | C        | 5        | 1          |
| <b>6158</b>  | 9                   | 13       | G        | 7        | 3          |
|              | 9                   | 13       | G        | 2        | 3          |
| <b>6159</b>  | 4,6,8               | 26       | C        | 5        | 1          |
| <b>6180</b>  |                     | 6        | E        | 1        | 2          |
|              |                     | 6        | E        | 4        | 2          |
| <b>6186</b>  |                     | 6        | E        | 1        | 4          |
| <b>6187</b>  |                     | 6        | E        | 1        | 4          |
| <b>6188</b>  |                     | 6        | F        | 1        | 2          |
|              |                     | 6        | F        | 4        | 2          |

| <b>TUBE</b>  | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|---------------------|----------|----------|----------|------------|
| <b>6189</b>  | 9                   | 12       | D        | 2        | 3          |
|              | 9                   | 12       | D        | 7        | 3          |
| <b>6197</b>  | 8,9                 | 6        | C        | 2        | 3          |
| <b>6201</b>  | 9                   | 12       | E        | 2        | 3          |
|              | 9                   | 12       | E        | 7        | 3          |
| <b>6202</b>  |                     | 6        | B        | 1        | 4          |
|              |                     | 6        | B        | 6        | 4          |
| <b>6203</b>  |                     | 6        | B        | 1        | 3          |
|              |                     | 6        | B        | 9        | 3          |
| <b>6211</b>  | 9                   | 12       | F        | 2        | 3          |
|              | 9                   | 12       | F        | 7        | 3          |
| <b>6215*</b> | 3                   | 1        | H        | 10       | 1          |
|              | Normal short 8, H-K |          |          |          |            |
| <b>6216</b>  | 6,8                 | 6        | C        | 2        | 3          |
| <b>6218</b>  | 8                   | 6        | H        | 2        | 3          |
| <b>6227</b>  | 1                   | 6        | C        | 2        | 3          |
| <b>6265</b>  |                     | 6        | E        | 1        | 4          |
| <b>6267</b>  | 2                   | 6        | F        | 9        | 3          |
| <b>6277</b>  | 1                   | 6        | C        | 2        | 3          |
| <b>6287</b>  | 6,7,9               | 6        | C        | 8        | 3          |
| <b>6293</b>  | 1,6                 | 6        | A        | 5        | 1          |
| <b>6297</b>  | 8,9                 | 6        | C        | 2        | 3          |
| <b>6325</b>  |                     | 6        | A        | 3        | 2          |
|              |                     | 6        | A        | 5        | 2          |
| <b>6327</b>  | 1                   | 6        | C        | 5        | 1          |
| <b>6336</b>  |                     | 6        | C        | 1        | 2          |
|              |                     | 6        | C        | 4        | 2          |
| <b>6350</b>  | 9                   | 12       | E        | 3        | 3          |
|              | 9                   | 12       | E        | 8        | 3          |
| <b>6352</b>  | 4                   | 3        | G        | 5        | 2          |
| <b>6360</b>  | 9                   | 12       | C        | 1        | 3          |
|              | 9                   | 12       | C        | 3        | 3          |
| <b>6374</b>  | 1,2,3,6,7,8,9       | 6        | A        | 10       | 3          |
| <b>6394</b>  |                     | 26       | C        | 1        | 2          |
|              |                     | 26       | C        | 4        | 2          |
| <b>6414</b>  | 9                   | 12       | E        | 2        | 3          |
|              | 9                   | 12       | E        | 7        | 3          |
| <b>6417</b>  | 9                   | 12       | A        | 8        | 3          |
| <b>6463</b>  | 9                   | 12       | E        | 3        | 3          |
|              | 9                   | 12       | E        | 8        | 3          |

| <b>TUBE</b> | <b>A</b>                                              | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-------------|-------------------------------------------------------|----------|----------|----------|------------|
| <b>6485</b> |                                                       | 6        | E        | 1        | 4          |
| <b>6516</b> |                                                       | 6        | C        | 1        | 4          |
| <b>6520</b> |                                                       | 6        | A        | 1        | 2          |
|             |                                                       | 6        | A        | 4        | 2          |
| <b>6525</b> | 7                                                     | 6        | B        | 6        | 4          |
|             | Check interruption of<br>emission with No. 1 A switch |          |          |          |            |
|             | 7                                                     | 6        | B        | 1        | 4          |
|             | Grid leakage test                                     |          |          |          |            |
| <b>6528</b> |                                                       | 6        | C        | 1        | 2          |
|             |                                                       | 6        | C        | 4        | 2          |
| <b>6550</b> |                                                       | 6        | A        | 5        | 1          |
| <b>6660</b> | 2                                                     | 6        | D        | 1        | 4          |
| <b>6661</b> |                                                       | 6        | E        | 1        | 4          |
| <b>6662</b> |                                                       | 6        | E        | 1        | 4          |
| <b>6663</b> |                                                       | 6        | E        | 2        | 4          |
|             |                                                       | 6        | E        | 7        | 4          |
| <b>6664</b> | 2                                                     | 6        | E        | 6        | 4          |
| <b>6669</b> | 7                                                     | 6        | C        | 1        | 4          |
| <b>6671</b> | 9                                                     | 12       | E        | 2        | 3          |
|             | 9                                                     | 12       | E        | 7        | 3          |
| <b>6676</b> |                                                       | 6        | D        | 1        | 4          |
| <b>6677</b> | 1,8                                                   | 6        | C        | 2        | 3          |
| <b>6678</b> |                                                       | 6        | D        | 2        | 3          |
|             |                                                       | 6        | D        | 9        | 3          |
| <b>6679</b> | 9                                                     | 12       | E        | 2        | 3          |
|             | 9                                                     | 12       | E        | 7        | 3          |
| <b>6680</b> | 9                                                     | 12       | D        | 2        | 3          |
|             | 9                                                     | 12       | D        | 7        | 3          |
| <b>6681</b> | 9                                                     | 12       | F        | 2        | 3          |
|             | 9                                                     | 12       | F        | 7        | 3          |
| <b>6686</b> | 1                                                     | 6        | C        | 2        | 3          |
| <b>6687</b> |                                                       | 6        | F        | 1        | 4          |
| <b>6688</b> | 1                                                     | 6        | D        | 2        | 3          |
| <b>6689</b> |                                                       | 6        | E        | 2        | 3          |
| <b>6754</b> |                                                       | 6        | B        | 1        | 3          |
|             |                                                       | 6        | B        | 9        | 3          |
| <b>6778</b> |                                                       | 6        | D        | 2        | 3          |
|             |                                                       | 6        | D        | 9        | 3          |

| <b>TUBE</b>  | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKI</b> |
|--------------|---------------------|----------|----------|----------|------------|
| <b>6792</b>  | 4,6,8               | 6        | F        | 5        | 1          |
| <b>6829</b>  | 9                   | 12       | E        | 2        | 3          |
|              | 9                   | 12       | E        | 7        | 3          |
| <b>6840</b>  | 9                   | 12       | D        | 3        | 3          |
|              | 9                   | 12       | D        | 8        | 3          |
| <b>6846</b>  |                     | 25       | C        | 5        | 1          |
| <b>6851</b>  | 9                   | 6        | F        | 2        | 3          |
|              | 9                   | 6        | F        | 7        | 3          |
| <b>6853*</b> | 3,5,7               | 5        | B        | 4        | 1          |
|              |                     | 5        | B        | 6        | 1          |
|              | Normal short 8, H-K |          |          |          |            |
| <b>6870</b>  | 6,9                 | 12       | C        | 2        | 3          |
| <b>6877*</b> | 2,6,7,9             | 6        | C        | 1        | 3          |
|              | Normal short 3, H-K |          |          |          |            |
| <b>6883</b>  | 4,6,8               | 12       | C        | 5        | 1          |
| <b>6887</b>  |                     | 6        | E        | 2        | 4          |
|              |                     | 6        | E        | 7        | 4          |
| <b>6888</b>  |                     | 6        | C        | 4        | 1          |
| <b>6893</b>  | 1,6                 | 12       | A        | 5        | 1          |
| <b>6900</b>  | 8                   | 12       | C        | 2        | 3          |
|              | 8                   | 12       | C        | 7        | 3          |
| <b>6913</b>  | 9                   | 12       | E        | 2        | 3          |
|              | 9                   | 12       | E        | 7        | 3          |
| <b>6919</b>  |                     | 6        | E        | 2        | 4          |
|              |                     | 6        | E        | 7        | 4          |
| <b>6922</b>  |                     | 6        | E        | 2        | 3          |
|              |                     | 6        | E        | 7        | 3          |
| <b>6927</b>  |                     | 6        | E        | 5        | 4          |
|              |                     | 6        | E        | 6        | 4          |
| <b>6928</b>  |                     | 6        | C        | 1        | 4          |
| <b>6939</b>  | 9                   | 12       | C        | 1        | 3          |
|              | 9                   | 12       | C        | 3        | 3          |
| <b>6954</b>  |                     | 6        | E        | 1        | 4          |
| <b>6955</b>  | 9                   | 12       | D        | 2        | 3          |
|              | 9                   | 12       | D        | 7        | 3          |
| <b>6968</b>  | 2                   | 6        | E        | 1        | 4          |
| <b>6973</b>  | 2,6,8               | 6        | C        | 3        | 3          |
| <b>6998</b>  | 2                   | 6        | E        | 1        | 4          |
| <b>7000</b>  |                     | 6        | F        | 10       | 1          |

| <b>TUBE</b> | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-------------|----------|----------|----------|----------|------------|
| <b>7001</b> | 2        | 6        | C        | 1        | 4          |
| <b>7025</b> | 9        | 12       | G        | 2        | 3          |
|             | 9        | 12       | G        | 7        | 3          |
| <b>7027</b> | 4,6      | 6        | C        | 5        | 1          |
| <b>7036</b> |          | 6        | D        | 1        | 4          |
| <b>7044</b> | 8        | 12       | C        | 2        | 3          |
|             | 8        | 12       | C        | 7        | 3          |
| <b>7054</b> | 6,9      | 13       | C        | 2        | 3          |
| <b>7055</b> |          | 13       | E        | 2        | 4          |
|             |          | 13       | E        | 7        | 4          |
| <b>7056</b> |          | 13       | E        | 1        | 4          |
| <b>7057</b> | 9        | 13       | E        | 2        | 3          |
|             | 9        | 13       | E        | 7        | 3          |
| <b>7058</b> | 9        | 13       | F        | 2        | 3          |
|             | 9        | 13       | F        | 7        | 3          |
| <b>7059</b> |          | 13       | D        | 2        | 3          |
|             |          | 13       | D        | 9        | 3          |
| <b>7060</b> |          | 13       | D        | 2        | 3          |
|             |          | 13       | D        | 8        | 3          |
| <b>7061</b> | 2,6,8    | 13       | C        | 3        | 3          |
| <b>7062</b> | 9        | 12       | E        | 2        | 3          |
|             | 9        | 12       | E        | 7        | 3          |
| <b>7105</b> |          | 13       | C        | 1        | 2          |
|             |          | 13       | C        | 4        | 2          |
| <b>7119</b> | 9        | 12       | D        | 2        | 3          |
|             | 9        | 12       | D        | 7        | 3          |
| <b>7137</b> | 5,6      | 6        | H        | 1        | 4          |
| <b>7167</b> | 2        | 13       | E        | 1        | 4          |
| <b>7184</b> |          | 6        | C        | 5        | 1          |
| <b>7189</b> | 1,6,8    | 6        | C        | 2        | 3          |
| <b>7194</b> | 9        | 12       | F        | 2        | 3          |
|             | 9        | 12       | F        | 7        | 3          |
| <b>7199</b> |          | 6        | D        | 7        | 3          |
|             |          | 6        | E        | 9        | 3          |
| <b>7212</b> | 4,6,8    | 6        | C        | 5        | 1          |
| <b>7227</b> | 6        | 27       | C        | 2        | 3          |
| <b>7233</b> | 3,6,7,9  | 6        | A        | 2        | 3          |
| <b>7239</b> | 3,7,8    | 6        | C        | 1        | 3          |
| <b>7244</b> |          | 6        | E        | 5        | 4          |
|             |          | 6        | E        | 6        | 4          |

| <b>TUBE</b> | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SR I</b> |
|-------------|----------|----------|----------|----------|-------------|
| <b>7245</b> | 5,6      | 6        | H        | 1        | 4           |
| <b>7247</b> | 9        | 12       | D        | 2        | 3           |
|             | 9        | 12       | D        | 7        | 3           |
| <b>7258</b> |          | 13       | D        | 2        | 3           |
|             |          | 13       | D        | 8        | 3           |
| <b>7308</b> |          | 6        | E        | 2        | 3           |
|             |          | 6        | E        | 7        | 3           |
| <b>7316</b> | 9        | 12       | E        | 2        | 3           |
|             | 9        | 12       | E        | 7        | 3           |
| <b>7318</b> | 9        | 12       | E        | 2        | 3           |
|             | 9        | 12       | E        | 7        | 3           |
| <b>7320</b> | 1,6,8    | 6        | C        | 2        | 3           |
| <b>7355</b> |          | 6        | C        | 6        | 1           |
| <b>7357</b> | 4,6,8    | 26       | A        | 5        | 1           |
| <b>7358</b> | 4,6,8    | 6        | A        | 5        | 1           |
| <b>7360</b> |          | 6        | E        | 3        | 3           |
| <b>7370</b> | 7        | 40       | D        | 2        | 3           |
|             | 7        | 40       | D        | 7        | 3           |
| <b>7408</b> |          | 6        | C        | 5        | 1           |
| <b>7489</b> | 9        | 12       | D        | 2        | 3           |
|             | 9        | 12       | D        | 7        | 3           |
| <b>7492</b> | 9        | 12       | E        | 2        | 3           |
|             | 9        | 12       | E        | 7        | 3           |
| <b>7494</b> | 9        | 12       | F        | 2        | 3           |
|             | 9        | 12       | F        | 7        | 3           |
| <b>7496</b> |          | 6        | D        | 1        | 4           |
| <b>7498</b> |          | 6        | D        | 1        | 4           |
| <b>7499</b> | 1,6      | 6        | C        | 2        | 3           |
| <b>7502</b> |          | 6        | D        | 1        | 4           |
| <b>7534</b> | 1,3,6    | 6        | C        | 5        | 1           |
| <b>7543</b> |          | 6        | D        | 1        | 4           |
| <b>7548</b> | 3        | 6        | C        | 2        | 3           |
| <b>7551</b> | 1,8      | 12       | C        | 2        | 3           |
| <b>7558</b> | 1,8      | 6        | C        | 2        | 3           |
| <b>7576</b> | 2,4,5    | 6        | C        | 7        | 9           |
| <b>7581</b> |          | 6        | C        | 5        | 1           |
| <b>7586</b> |          | 6        | F        | 4        | 6           |
| <b>7587</b> |          | 6        | F        | 4        | 6           |
| <b>7591</b> | 4        | 6        | C        | 6        | 1           |
| <b>7607</b> | 4,6,8    | 6        | B        | 5        | 1           |
| <b>7623</b> |          | 6        | A        | 5        | 1           |

| <b>TUBE</b> | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-------------|----------|----------|----------|----------|------------|
| <b>7624</b> |          | 12       | A        | 5        | 1          |
| <b>7631</b> |          | 6        | E        | 2        | 4          |
|             |          | 6        | E        | 7        | 4          |
| <b>7643</b> |          | 6        | D        | 2        | 3          |
|             |          | 6        | E        | 9        | 3          |
| <b>7645</b> | 9        | 12       | B        | 2        | 3          |
|             | 9        | 12       | B        | 3        | 3          |
| <b>7683</b> | 6,7,9    | 6        | E        | 1        | 3          |
| <b>7687</b> |          | 6        | E        | 2        | 3          |
|             |          | 6        | F        | 9        | 3          |
| <b>7693</b> |          | 6        | E        | 1        | 4          |
| <b>7694</b> |          | 6        | D        | 1        | 4          |
| <b>7695</b> | 3        | 50       | A        | 6        | 8          |
| <b>7699</b> | 9        | 6        | D        | 1        | 3          |
|             | 9        | 6        | D        | 3        | 3          |
| <b>7701</b> | 3,8,9    | 13       | C        | 2        | 3          |
| <b>7716</b> |          | 13       | D        | 7        | 3          |
|             |          | 13       | F        | 2        | 3          |
| <b>7717</b> | 2        | 6        | E        | 1        | 4          |
| <b>7719</b> | 1        | 12       | F        | 7        | 8          |
| <b>7721</b> | 1,6      | 6        | C        | 2        | 3          |
| <b>7722</b> | 1,6      | 6        | C        | 2        | 3          |
| <b>7724</b> |          | 14       | F        | 8        | 3          |
|             |          | 14       | G        | 6        | 3          |
|             |          | 14       | G        | 2        | 3          |
| <b>7728</b> | 9        | 12       | E        | 2        | 3          |
|             | 9        | 12       | E        | 7        | 3          |
| <b>7729</b> | 9        | 12       | F        | 2        | 3          |
|             | 9        | 12       | F        | 7        | 3          |
| <b>7730</b> | 9        | 12       | D        | 2        | 3          |
|             | 9        | 12       | D        | 7        | 3          |
| <b>7731</b> |          | 6        | D        | 2        | 3          |
|             |          | 6        | D        | 9        | 3          |
| <b>7732</b> |          | 6        | D        | 1        | 4          |
| <b>7733</b> | 6,9      | 12       | C        | 2        | 3          |
| <b>7734</b> |          | 6        | B        | 3        | 3          |
|             |          | 6        | F        | 8        | 3          |
| <b>7737</b> | 1        | 6        | D        | 2        | 3          |
| <b>7738</b> | 6,7      | 6        | D        | 2        | 4          |
| <b>7740</b> |          | 6        | E        | 5        | 4          |
|             |          | 6        | E        | 6        | 4          |
| <b>7751</b> |          | 6        | A        | 5        | 1          |

| <b>TUBE</b> | <b>A</b>             | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-------------|----------------------|----------|----------|----------|------------|
| <b>7752</b> |                      | 6        | E        | 1        | 4          |
| <b>7754</b> | 3                    | 6        | A        | 6        | 8          |
| <b>7755</b> | 2                    | 6        | G        | 1        | 4          |
| <b>7763</b> |                      | 6        | E        | 6        | 3          |
| <b>7788</b> | 3,9                  | 6        | C        | 2        | 3          |
| <b>7802</b> |                      | 6        | A        | 1        | 2          |
|             |                      | 6        | A        | 4        | 2          |
| <b>7803</b> | 9                    | 6        | C        | 2        | 3          |
|             | 9                    | 6        | C        | 7        | 3          |
| <b>7867</b> |                      | 6        | C        | 5        | 1          |
| <b>7868</b> | 1,6,8                | 6        | A        | 2        | 5          |
| <b>7892</b> | 8                    | 12       | D        | 2        | 3          |
|             | 8                    | 12       | D        | 7        | 3          |
| <b>7895</b> |                      | 6        | G        | 4        | 6          |
| <b>7898</b> | 9                    | 12       | E        | 2        | 3          |
|             | 9                    | 12       | E        | 7        | 3          |
| <b>7983</b> | 9                    | 3        | A        | 1        | 3          |
|             | 9                    | 3        | A        | 3        | 3          |
| <b>7984</b> | 1,4,5,6,8,9          | 13       | C        | 10       | 10         |
| <b>7994</b> | 2,4,5                | 6        | D        | 7        | 9          |
| <b>8016</b> | 1,3,4,5,6,8          | 1        | H        | 10       | 1          |
| <b>8032</b> | 4,6,8                | 13       | B        | 5        | 1          |
| <b>8056</b> |                      | 6        | G        | 4        | 6          |
| <b>8058</b> | 2,8                  | 6        | E        | 10       | 6          |
|             | Connect to large lug |          |          |          |            |
| <b>8068</b> |                      | 6        | D        | 5        | 1          |
| <b>8077</b> | 6,9                  | 13       | C        | 2        | 3          |
| <b>8084</b> |                      | 13       | E        | 1        | 4          |
| <b>8102</b> |                      | 13       | E        | 3        | 3          |
|             |                      | 13       | E        | 9        | 3          |
| <b>8106</b> | 6,8,9                | 13       | D        | 7        | 3          |
| <b>8113</b> | 2                    | 6        | D        | 1        | 4          |
| <b>8136</b> |                      | 6        | E        | 1        | 4          |
| <b>8149</b> | 1,3,5,7,8,9          | 12       | A        | 10       | 10         |
| <b>8150</b> | 1,3,4,6,7,8,9        | 13       | A        | 10       | 10         |
| <b>8156</b> | 1,4,5,6,8,9          | 13       | B        | 10       | 10         |
| <b>8185</b> | 2,4,5                | 6        | C        | 7        | 9          |
| <b>8186</b> | 2,4,5                | 25       | C        | 7        | 9          |
| <b>8203</b> |                      | 6        | E        | 4        | 6          |
| <b>8212</b> | 8,9                  | 12       | C        | 3        | 3          |
| <b>8223</b> | 9                    | 6        | B        | 2        | 3          |
|             | 9                    | 6        | B        | 7        | 3          |

| <b>TUBE</b> | <b>A</b>             | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-------------|----------------------|----------|----------|----------|------------|
| <b>8232</b> | 5,6                  | 6        | H        | 1        | 4          |
| <b>8233</b> | 6,9                  | 6        | D        | 8        | 5          |
| <b>8236</b> | 5,6,8                | 6        | A        | 1        | 1          |
| <b>8255</b> | 1,3,6,7              | 6        | D        | 9        | 3          |
| <b>8278</b> | 3,6,8                | 6        | C        | 7        | 5          |
| <b>8298</b> | 4,6,8                | 6        | A        | 5        | 1          |
| <b>8323</b> | 6,9                  | 6        | A        | 8        | 5          |
| <b>8327</b> | 1,6,8                | 6        | C        | 2        | 3          |
| <b>8334</b> | 6,7                  | 6        | C        | 2        | 4          |
| <b>8348</b> | 9                    | 1        | A        | 1        | 5          |
|             | 9                    | 1        | A        | 3        | 5          |
|             | Normal shorts 2, H-K |          |          |          |            |
| <b>8380</b> |                      | 6        | F        | 4        | 6          |
| <b>8382</b> |                      | 6        | E        | 4        | 6          |
| <b>8393</b> |                      | 13       | G        | 4        | 6          |
| <b>8417</b> |                      | 6        | A        | 5        | 1          |
| <b>8425</b> | 2                    | 6        | E        | 1        | 4          |
| <b>8426</b> |                      | 12       | D        | 1        | 4          |
| <b>8431</b> | 9                    | 12       | C        | 2        | 3          |
|             | 9                    | 12       | C        | 7        | 3          |
| <b>8441</b> |                      | 6        | F        | 4        | 6          |
| <b>8445</b> |                      | 6        | D        | 2        | 3          |
|             |                      | 6        | D        | 9        | 3          |
| <b>8446</b> |                      | 6        | D        | 1        | 3          |
|             |                      | 6        | D        | 9        | 3          |
| <b>8447</b> | 6,7,9                | 12       | E        | 2        | 3          |
|             | 6,9                  | 12       | E        | 7        | 3          |
|             | 7,9                  | 12       | E        | 6        | 3          |
| <b>8448</b> | 6,9                  | 6        | C        | 2        | 3          |
| <b>8449</b> |                      | 6        | D        | 2        | 3          |
|             |                      | 6        | D        | 9        | 3          |
| <b>8456</b> |                      | 6        | F        | 4        | 6          |
| <b>8457</b> | 9                    | 6        | C        | 1        | 3          |
|             | 9                    | 6        | C        | 3        | 3          |
| <b>8458</b> | 9                    | 6        | A        | 1        | 5          |
|             | 9                    | 6        | A        | 3        | 5          |
| <b>8463</b> | 7,9                  | 1        | B        | 3        | 3          |
| <b>8489</b> |                      | 6        | D        | 2        | 3          |
|             |                      | 6        | D        | 8        | 3          |
| <b>8532</b> | 5,6                  | 6        | G        | 1        | 4          |
| <b>8552</b> | 4,6,8                | 12       | C        | 5        | 1          |
| <b>8556</b> | 1,3,5                | 6        | G        | 8        | 8          |

| <b>TUBE</b>          | <b>A</b>    | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKI</b> |
|----------------------|-------------|----------|----------|----------|------------|
| <b>8608</b>          | 2,9         | 6        | B        | 8        | 12         |
| <b>8627</b>          | 2,8         | 6        | E        | 10       | 6          |
| Connect to large lug |             |          |          |          |            |
| <b>8628</b>          |             | 6        | F        | 4        | 6          |
| <b>8632</b>          | 1,3,4,6     | 6        | H        | 5        | 1          |
| <b>8908</b>          | 6           | 6        | A        | 5        | 2          |
| <b>8950</b>          | 1,6,7,9,0   | 13       | A        | 5        | 10         |
| <b>9001</b>          | 2           | 6        | F        | 1        | 4          |
| <b>9002</b>          | 2,5         | 6        | E        | 6        | 4          |
| <b>9003</b>          | 2           | 6        | E        | 1        | 4          |
| <b>9006</b>          | 1,7         | 6        | F        | 5        | 4          |
| <b>A61</b>           | 1,2,3,6,7,8 | 17       | A        | 9        | 3          |
| <b>A863</b>          |             | 6        | F        | 10       | 1          |
| <b>A1834</b>         |             | 6        | A        | 1        | 2          |
|                      |             | 6        | A        | 4        | 2          |
| <b>A2900</b>         | 9           | 12       | E        | 2        | 3          |
|                      | 9           | 12       | E        | 7        | 3          |
| <b>AA91E</b>         |             | 6        | E        | 2        | 4          |
|                      |             | 6        | E        | 7        | 4          |
| <b>ABC91</b>         |             | 12       | C        | 5        | 1          |
| <b>AFX212</b>        |             | 6        | F        | 1        | 4          |
| <b>B36</b>           |             | 12       | E        | 1        | 2          |
|                      |             | 12       | E        | 4        | 2          |
| <b>B63</b>           |             | 6        | E        | 3        | 7          |
|                      |             | 6        | E        | 5        | 7          |
| <b>B65</b>           |             | 6        | E        | 1        | 2          |
|                      |             | 6        | E        | 4        | 2          |
| <b>B109</b>          |             | 26       | D        | 2        | 3          |
|                      |             | 26       | D        | 7        | 3          |
| <b>B139</b>          | 7           | 7        | E        | 2        | 3          |
|                      | 7           | 7        | E        | 6        | 3          |
| <b>B152</b>          | 9           | 12       | E        | 2        | 3          |
|                      | 9           | 12       | E        | 7        | 3          |
| <b>B309</b>          | 9           | 12       | E        | 2        | 3          |
|                      | 9           | 12       | E        | 7        | 3          |
| <b>B317</b>          | 6           | 7        | E        | 2        | 3          |
|                      | 6           | 7        | E        | 6        | 3          |
| <b>B319</b>          | 7           | 7        | E        | 2        | 3          |
|                      | 7           | 7        | E        | 6        | 3          |
| <b>B329</b>          | 9           | 12       | D        | 2        | 3          |
|                      | 9           | 12       | D        | 7        | 3          |
| <b>B339</b>          | 9           | 12       | F        | 2        | 3          |
|                      | 9           | 12       | F        | 7        | 3          |

| <b>TUBE</b>   | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|----------|----------|----------|----------|------------|
| <b>B349</b>   | 7        | 7        | E        | 2        | 3          |
|               | 7        | 7        | E        | 6        | 3          |
| <b>B719</b>   |          | 6        | D        | 2        | 3          |
|               |          | 6        | D        | 7        | 3          |
| <b>B729</b>   |          | 6        | D        | 2        | 3          |
|               |          | 6        | D        | 7        | 3          |
| <b>B739</b>   | 9        | 12       | E        | 2        | 3          |
|               | 9        | 12       | E        | 7        | 3          |
| <b>B749</b>   | 9        | 12       | D        | 2        | 3          |
|               | 9        | 12       | D        | 7        | 3          |
| <b>B759</b>   | 9        | 12       | F        | 2        | 3          |
|               | 9        | 12       | F        | 7        | 3          |
| <b>BPM04</b>  | 7        | 6        | C        | 1        | 4          |
| <b>BVA264</b> |          | 6        | F        | 5        | 1          |
| <b>BVA265</b> |          | 6        | F        | 5        | 1          |
| <b>C10B</b>   |          | 2        | F        | 10       | 1          |
| <b>C86E</b>   |          | 6        | D        | 2        | 3          |
|               |          | 6        | D        | 9        | 3          |
| <b>C610</b>   |          | 6        | F        | 4        | 9          |
| <b>CC81E</b>  | 9        | 12       | E        | 2        | 3          |
|               | 9        | 12       | E        | 7        | 3          |
| <b>CC86E</b>  | 9        | 6        | E        | 2        | 3          |
|               | 9        | 6        | E        | 7        | 3          |
| <b>CCA</b>    |          | 6        | E        | 2        | 3          |
|               |          | 6        | E        | 7        | 3          |
| <b>CSF80</b>  |          | 4        | D        | 2        | 3          |
|               |          | 4        | D        | 9        | 3          |
| <b>CV131</b>  |          | 6        | E        | 1        | 4          |
| <b>CV133</b>  | 1,5      | 6        | E        | 6        | 4          |
| <b>CV136</b>  |          | 6        | D        | 1        | 4          |
| <b>CV138</b>  |          | 6        | E        | 1        | 4          |
| <b>CV140</b>  |          | 6        | E        | 2        | 4          |
|               |          | 6        | E        | 7        | 4          |
| <b>CV281</b>  |          | 6        | E        | 5        | 1          |
| <b>CV283</b>  |          | 6        | E        | 2        | 4          |
|               |          | 6        | E        | 7        | 4          |
| <b>CV303</b>  |          | 6        | F        | 6        | 9          |
| <b>CV346</b>  | 4        | 6        | B        | 3        | 9          |
|               | 4        | 6        | B        | 6        | 9          |
| <b>CV417</b>  | 5,6      | 6        | E        | 1        | 4          |
| <b>CV426</b>  |          | 6        | J        | 10       | 3          |

Insert leads into pins 1&5, use top cap

| <b>TUBE</b>   | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|---------------------|----------|----------|----------|------------|
| <b>CV452</b>  |                     | 6        | F        | 1        | 4          |
|               |                     | 6        | G        | 5        | 4          |
|               |                     | 6        | G        | 6        | 4          |
| <b>CV453</b>  |                     | 6        | D        | 1        | 4          |
| <b>CV454</b>  |                     | 6        | D        | 1        | 4          |
| <b>CV455</b>  | 9                   | 12       | E        | 2        | 3          |
|               | 9                   | 12       | E        | 7        | 3          |
| <b>CV484</b>  | 5,6                 | 3        | F        | 3        | 7          |
| <b>CV491</b>  | 9                   | 12       | D        | 2        | 3          |
|               | 9                   | 12       | D        | 7        | 3          |
| <b>CV492</b>  | 9                   | 12       | F        | 2        | 3          |
|               | 9                   | 12       | F        | 7        | 3          |
| <b>CV493</b>  |                     | 6        | B        | 1        | 4          |
|               |                     | 6        | B        | 6        | 4          |
| <b>CV500</b>  |                     | 6        | G        | 10       | 1          |
|               |                     | 6        | G        | 5        | 1          |
|               |                     | 6        | G        | 4        | 1          |
| <b>CV503*</b> | 1,3,5,7             | 5        | B        | 4        | 1          |
|               | 1,3,5,7             | 5        | B        | 6        | 1          |
|               | Normal short 8, H-K |          |          |          |            |
| <b>CV509</b>  |                     | 6        | C        | 5        | 1          |
| <b>CV510</b>  |                     | 6        | C        | 5        | 1          |
| <b>CV511</b>  |                     | 6        | C        | 5        | 1          |
| <b>CV512</b>  |                     | 6        | F        | 10       | 1          |
| <b>CV515</b>  |                     | 6        | C        | 5        | 1          |
| <b>CV522</b>  |                     | 6        | E        | 6        | 9          |
| <b>CV525</b>  |                     | 12       | C        | 5        | 1          |
| <b>CV526</b>  |                     | 12       | C        | 5        | 1          |
| <b>CV529</b>  |                     | 12       | F        | 1        | 2          |
|               |                     | 12       | F        | 5        | 2          |
| <b>CV531</b>  |                     | 12       | E        | 10       | 1          |
|               |                     | 12       | G        | 4        | 1          |
|               |                     | 12       | G        | 5        | 1          |
| <b>CV534</b>  |                     | 12       | E        | 5        | 1          |
| <b>CV535</b>  |                     | 12       | E        | 5        | 1          |
| <b>CV537</b>  |                     | 12       | D        | 5        | 1          |
| <b>CV538</b>  |                     | 12       | D        | 5        | 1          |
| <b>CV540</b>  |                     | 12       | F        | 3        | 2          |
|               |                     | 12       | F        | 4        | 2          |
| <b>CV543</b>  |                     | 12       | D        | 4        | 1          |
| <b>CV544</b>  |                     | 12       | D        | 4        | 1          |

| <b>TUBE</b>  | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|----------|----------|----------|----------|------------|
| <b>CV546</b> |          | 12       | F        | 2        | 2          |
|              |          | 12       | G        | 4        | 2          |
|              |          | 12       | G        | 5        | 2          |
| <b>CV547</b> |          | 12       | F        | 2        | 2          |
|              |          | 12       | G        | 4        | 2          |
|              |          | 12       | G        | 5        | 2          |
| <b>CV549</b> |          | 25       | C        | 5        | 1          |
| <b>CV550</b> |          | 25       | C        | 5        | 1          |
| <b>CV551</b> |          | 25       | C        | 5        | 1          |
| <b>CV552</b> |          | 25       | C        | 5        | 1          |
| <b>CV553</b> |          | 25       | C        | 5        | 1          |
| <b>CV561</b> |          | 35       | C        | 5        | 1          |
| <b>CV562</b> |          | 35       | C        | 5        | 1          |
| <b>CV568</b> | 3        | 35       | B        | 5        | 1          |
| <b>CV569</b> |          | 6        | F        | 1        | 2          |
|              |          | 6        | F        | 4        | 2          |
| <b>CV571</b> |          | 50       | C        | 5        | 1          |
| <b>CV574</b> |          | 6        | B        | 5        | 1          |
|              |          | 6        | B        | 3        | 1          |
| <b>CV578</b> |          | 6        | E        | 5        | 1          |
| <b>CV579</b> |          | 6        | E        | 5        | 1          |
| <b>CV580</b> |          | 6        | E        | 5        | 1          |
| <b>CV581</b> |          | 6        | E        | 5        | 1          |
| <b>CV582</b> |          | 6        | E        | 5        | 1          |
| <b>CV583</b> |          | 6        | E        | 5        | 1          |
| <b>CV586</b> |          | 6        | C        | 5        | 1          |
| <b>CV587</b> |          | 6        | F        | 10       | 1          |
|              |          | 6        | G        | 5        | 1          |
|              |          | 6        | G        | 4        | 1          |
| <b>CV588</b> |          | 6        | F        | 10       | 1          |
|              |          | 6        | G        | 5        | 1          |
|              |          | 6        | G        | 4        | 1          |
| <b>CV589</b> |          | 6        | F        | 10       | 1          |
|              |          | 6        | G        | 5        | 1          |
|              |          | 6        | G        | 4        | 1          |
| <b>CV590</b> |          | 6        | E        | 4        | 1          |
| <b>CV591</b> |          | 6        | E        | 4        | 1          |
| <b>CV592</b> |          | 6        | E        | 4        | 1          |
| <b>CV593</b> |          | 5        | B        | 4        | 1          |
|              |          | 5        | B        | 6        | 1          |
| <b>CV594</b> | 5        | 6        | D        | 4        | 1          |
| <b>CV595</b> | 5        | 6        | D        | 4        | 1          |
| <b>CV660</b> |          | 6        | D        | 4        | 1          |

| <b>TUBE</b>   | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|---------------------|----------|----------|----------|------------|
| <b>CV661</b>  |                     | 6        | D        | 4        | 1          |
| <b>CV694</b>  | 5                   | 12       | D        | 4        | 1          |
| <b>CV698</b>  |                     | 12       | E        | 4        | 1          |
| <b>CV700</b>  |                     | 12       | E        | 2        | 2          |
|               |                     | 12       | G        | 4        | 2          |
|               |                     | 12       | G        | 5        | 2          |
| <b>CV703</b>  |                     | 12       | E        | 5        | 1          |
| <b>CV705</b>  |                     | 2        | F        | 10       | 1          |
| <b>CV706</b>  |                     | 6        | E        | 10       | 1          |
| <b>CV728</b>  |                     | 1        | F        | 10       | 1          |
| <b>CV729*</b> | 1,3,5,7             | 5        | B        | 4        | 1          |
|               | 1,3,5,7             | 5        | B        | 6        | 1          |
|               | Normal short 8, H-K |          |          |          |            |
| <b>CV731</b>  |                     | 6        | C        | 5        | 1          |
| <b>CV741</b>  |                     | 6        | A        | 5        | 1          |
| <b>CV747</b>  |                     | 6        | D        | 4        | 1          |
| <b>CV753</b>  | 2,5                 | 1        | J        | 6        | 7          |
| <b>CV755</b>  |                     | 1        | E        | 5        | 1          |
| <b>CV756</b>  | 1,6,8               | 1        | F        | 5        | 1          |
| <b>CV760</b>  |                     | 1        | G        | 5        | 1          |
| <b>CV765</b>  |                     | 2        | F        | 5        | 1          |
| <b>CV766</b>  |                     | 2        | G        | 10       | 1          |
| <b>CV768</b>  | 1,6,8               | 1        | F        | 5        | 1          |
| <b>CV770</b>  | 1,3,4,5,6,8         | 2        | G        | 10       | 1          |
| <b>CV771</b>  | 1,6,8               | 2        | F        | 5        | 1          |
| <b>CV772</b>  |                     | 1        | F        | 4        | 1          |
|               |                     | 1        | F        | 5        | 1          |
| <b>CV773</b>  |                     | 1        | F        | 4        | 1          |
|               |                     | 1        | F        | 5        | 1          |
| <b>CV774</b>  | 4,6                 | 1        | F        | 5        | 1          |
| <b>CV775</b>  |                     | 1        | F        | 4        | 9          |
| <b>CV776</b>  | 4                   | 1        | F        | 6        | 9          |
| <b>CV777</b>  | 5                   | 1        | F        | 6        | 9          |
| <b>CV778</b>  |                     | 1        | F        | 4        | 9          |
| <b>CV779</b>  |                     | 1        | G        | 4        | 9          |
|               |                     | 1        | G        | 6        | 9          |
| <b>CV780</b>  |                     | 1        | F        | 6        | 9          |
|               |                     | 1        | G        | 4        | 9          |
| <b>CV781</b>  | 5                   | 1        | G        | 6        | 9          |
| <b>CV782</b>  | 5                   | 1        | F        | 4        | 7          |
| <b>CV783</b>  | 2,5,6               | 1        | F        | 3        | 7          |
| <b>CV784</b>  |                     | 1        | G        | 6        | 7          |
|               |                     | 1        | H        | 3        | 7          |

| <b>TUBE</b>  | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|----------|----------|----------|----------|------------|
| <b>CV785</b> | 5        | 1        | F        | 6        | 7          |
| <b>CV786</b> |          | 1        | E        | 5        | 1          |
| <b>CV807</b> | 2        | 3        | F        | 4        | 7          |
| <b>CV808</b> | 4        | 3        | F        | 3        | 7          |
|              | 4        | 3        | F        | 5        | 7          |
| <b>CV815</b> | 7        | 1        | E        | 6        | 9          |
| <b>CV818</b> | 5,6      | 3        | F        | 3        | 7          |
| <b>CV819</b> | 8        | 3        | E        | 5        | 1          |
| <b>CV820</b> | 5,6      | 3        | F        | 3        | 7          |
| <b>CV837</b> |          | 12       | E        | 10       | 1          |
|              |          | 12       | G        | 4        | 1          |
|              |          | 12       | G        | 5        | 1          |
| <b>CV844</b> |          | 6        | F        | 5        | 1          |
| <b>CV845</b> |          | 6        | F        | 5        | 1          |
| <b>CV846</b> |          | 6        | D        | 4        | 1          |
| <b>CV848</b> | 2        | 6        | E        | 1        | 4          |
| <b>CV849</b> |          | 6        | D        | 4        | 1          |
| <b>CV850</b> | 2        | 6        | E        | 1        | 4          |
| <b>CV851</b> |          | 6        | C        | 5        | 1          |
| <b>CV852</b> | 1,5      | 6        | E        | 6        | 4          |
| <b>CV858</b> |          | 6        | E        | 5        | 4          |
|              |          | 6        | E        | 6        | 4          |
| <b>CV859</b> |          | 6        | F        | 5        | 1          |
|              |          | 6        | F        | 10       | 1          |
| <b>CV860</b> |          | 6        | F        | 10       | 1          |
| <b>CV861</b> |          | 6        | F        | 10       | 1          |
| <b>CV862</b> |          | 6        | F        | 5        | 1          |
| <b>CV864</b> |          | 6        | F        | 5        | 1          |
| <b>CV865</b> |          | 6        | D        | 4        | 1          |
| <b>CV866</b> |          | 6        | E        | 4        | 1          |
| <b>CV867</b> |          | 6        | E        | 2        | 2          |
|              |          | 6        | G        | 4        | 2          |
|              |          | 6        | G        | 5        | 2          |
| <b>CV870</b> |          | 6        | F        | 10       | 1          |
|              |          | 6        | G        | 5        | 1          |
|              |          | 6        | G        | 4        | 1          |
| <b>CV872</b> |          | 6        | F        | 4        | 1          |
|              |          | 6        | F        | 5        | 1          |
| <b>CV873</b> |          | 6        | A        | 3        | 1          |
|              |          | 6        | A        | 5        | 1          |
| <b>CV876</b> |          | 6        | E        | 3        | 9          |
|              |          | 6        | E        | 6        | 9          |

| <b>TUBE</b>   | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|---------------------|----------|----------|----------|------------|
| <b>CV877</b>  |                     | 6        | E        | 6        | 9          |
| <b>CV878</b>  |                     | 6        | E        | 4        | 9          |
| <b>CV879</b>  |                     | 6        | F        | 6        | 9          |
| <b>CV880</b>  |                     | 6        | C        | 6        | 9          |
| <b>CV881</b>  |                     | 6        | C        | 6        | 9          |
| <b>CV882</b>  | 4                   | 6        | F        | 3        | 9          |
|               | 4                   | 6        | G        | 5        | 9          |
|               | 4                   | 6        | G        | 6        | 9          |
| <b>CV883</b>  |                     | 6        | F        | 4        | 9          |
| <b>CV885</b>  |                     | 6        | C        | 6        | 9          |
| <b>CV886</b>  |                     | 6        | C        | 6        | 9          |
| <b>CV887</b>  | 4                   | 6        | F        | 3        | 9          |
|               | 4                   | 6        | G        | 5        | 9          |
|               | 4                   | 6        | G        | 6        | 9          |
| <b>CV888</b>  |                     | 6        | D        | 6        | 9          |
|               |                     | 6        | F        | 4        | 9          |
| <b>CV890*</b> | 3,5,6               | 6        | F        | 1        | 9          |
|               | Normal short 7, H-K |          |          |          |            |
| <b>CV891</b>  | 4                   | 6        | F        | 3        | 9          |
|               | 4                   | 6        | G        | 5        | 9          |
|               | 4                   | 6        | G        | 6        | 9          |
| <b>CV892</b>  |                     | 6        | E        | 6        | 9          |
|               |                     | 6        | G        | 4        | 9          |
|               |                     | 6        | G        | 3        | 9          |
| <b>CV893</b>  |                     | 6        | F        | 4        | 9          |
|               |                     | 6        | F        | 5        | 9          |
| <b>CV894</b>  |                     | 6        | F        | 6        | 9          |
| <b>CV895</b>  |                     | 6        | D        | 6        | 9          |
| <b>CV896</b>  |                     | 6        | F        | 4        | 9          |
|               |                     | 6        | G        | 5        | 9          |
|               |                     | 6        | G        | 6        | 9          |
| <b>CV897</b>  |                     | 6        | F        | 4        | 9          |
|               |                     | 6        | E        | 6        | 9          |
| <b>CV898</b>  |                     | 6        | E        | 4        | 9          |
|               |                     | 6        | E        | 5        | 9          |
| <b>CV899</b>  |                     | 6        | E        | 4        | 9          |
| <b>CV900</b>  |                     | 6        | F        | 6        | 9          |
|               |                     | 6        | G        | 4        | 9          |
|               |                     | 6        | G        | 3        | 9          |
| <b>CV901</b>  | 4                   | 6        | B        | 3        | 9          |
|               | 4                   | 6        | B        | 6        | 9          |
| <b>CV902</b>  | 4                   | 6        | D        | 6        | 9          |

| <b>TUBE</b>   | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|----------|----------|----------|----------|------------|
| <b>CV910</b>  |          | 12       | E        | 5        | 1          |
| <b>CV911</b>  |          | 12       | E        | 10       | 1          |
|               |          | 12       | F        | 8        | 1          |
| <b>CV916</b>  |          | 12       | F        | 3        | 1          |
|               |          | 12       | F        | 5        | 1          |
| <b>CV917</b>  |          | 12       | F        | 10       | 1          |
| <b>CV918</b>  |          | 12       | E        | 10       | 1          |
| <b>CV919</b>  |          | 12       | F        | 3        | 2          |
| <b>CV920</b>  |          | 12       | F        | 3        | 2          |
| <b>CV921</b>  |          | 12       | D        | 2        | 2          |
|               |          | 12       | G        | 5        | 2          |
| <b>CV922</b>  | 5        | 12       | D        | 4        | 1          |
| <b>CV923</b>  |          | 12       | E        | 4        | 1          |
| <b>CV924</b>  |          | 12       | F        | 1        | 2          |
|               |          | 12       | F        | 4        | 2          |
| <b>CV925</b>  |          | 12       | E        | 1        | 2          |
|               |          | 12       | E        | 4        | 2          |
| <b>CV930</b>  |          | 12       | F        | 4        | 9          |
|               |          | 12       | F        | 5        | 9          |
| <b>CV937</b>  |          | 25       | B        | 6        | 1          |
|               |          | 25       | C        | 5        | 1          |
| <b>CV938</b>  |          | 25       | F        | 5        | 1          |
| <b>CV939</b>  |          | 25       | C        | 5        | 1          |
| <b>CV940</b>  |          | 25       | E        | 10       | 1          |
|               |          | 25       | F        | 8        | 1          |
| <b>CV945</b>  |          | 28       | D        | 2        | 9          |
|               |          | 28       | D        | 7        | 9          |
| <b>CV946</b>  |          | 28       | D        | 2        | 9          |
|               |          | 28       | D        | 7        | 9          |
| <b>CV948</b>  |          | 32       | A        | 6        | 1          |
|               |          | 32       | C        | 5        | 1          |
| <b>CV995</b>  | 2        | 6        | G        | 1        | 4          |
| <b>CV1067</b> |          | 6        | E        | 5        | 1          |
| <b>CV1074</b> |          | 6        | E        | 5        | 1          |
| <b>CV1075</b> |          | 6        | C        | 5        | 1          |
| <b>CV1100</b> |          | 6        | E        | 10       | 1          |
| <b>CV1195</b> |          | 6        | E        | 10       | 1          |
| <b>CV1280</b> |          | 6        | F        | 10       | 1          |
| <b>CV1285</b> |          | 6        | E        | 4        | 1          |
|               |          | 6        | E        | 5        | 1          |
| <b>CV1286</b> |          | 6        | C        | 5        | 1          |

| <b>TUBE</b>    | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|----------------|---------------------|----------|----------|----------|------------|
| <b>CV1287</b>  |                     | 25       | C        | 5        | 1          |
| <b>CV1301</b>  |                     | 6        | E        | 3        | 1          |
|                |                     | 6        | E        | 5        | 1          |
| <b>CV1347</b>  |                     | 6        | D        | 10       | 1          |
| <b>CV1375</b>  | 3                   | 6        | D        | 2        | 3          |
| <b>CV1376</b>  | 1                   | 6        | D        | 2        | 3          |
| <b>CV1377*</b> | 1                   | 5        | A        | 4        | 1          |
|                | 1                   | 5        | A        | 6        | 1          |
|                | Normal short 8, H-K |          |          |          |            |
| <b>CV1535</b>  | 6                   | 6        | A        | 1        | 8          |
|                | 6                   | 6        | A        | 7        | 8          |
| <b>CV1633</b>  | 5                   | 3        | F        | 6        | 7          |
| <b>CV1741</b>  |                     | 6        | A        | 5        | 1          |
| <b>CV1753</b>  |                     | 35       | C        | 6        | 9          |
| <b>CV1758</b>  | 5                   | 1        | F        | 6        | 7          |
| <b>CV1762</b>  |                     | 6        | D        | 1        | 4          |
| <b>CV1763</b>  | 5,6                 | 6        | H        | 1        | 4          |
| <b>CV1770</b>  | 5                   | 6        | E        | 6        | 9          |
| <b>CV1777</b>  |                     | 6        | E        | 6        | 9          |
| <b>CV1784</b>  |                     | 6        | C        | 4        | 1          |
| <b>CV1800</b>  |                     | 1        | G        | 5        | 1          |
| <b>CV1802</b>  |                     | 1        | G        | 5        | 1          |
| <b>CV1803</b>  | 1,6,8               | 1        | F        | 5        | 1          |
| <b>CV1805</b>  | 1,6,8               | 1        | F        | 5        | 1          |
| <b>CV1806</b>  |                     | 2        | F        | 10       | 1          |
| <b>CV1811</b>  |                     | 1        | F        | 5        | 1          |
|                |                     | 1        | G        | 10       | 1          |
| <b>CV1812</b>  |                     | 2        | E        | 4        | 1          |
| <b>CV1815</b>  |                     | 6        | F        | 5        | 1          |
| <b>CV1817</b>  |                     | 1        | F        | 5        | 1          |
| <b>CV1818</b>  |                     | 1        | G        | 10       | 1          |
|                |                     | 1        | G        | 5        | 1          |
| <b>CV1819</b>  |                     | 6        | F        | 5        | 1          |
| <b>CV1820</b>  |                     | 1        | G        | 10       | 1          |
|                |                     | 1        | G        | 5        | 1          |
| <b>CV1821</b>  |                     | 1        | F        | 10       | 1          |
| <b>CV1823</b>  |                     | 1        | F        | 10       | 1          |
| <b>CV1824</b>  |                     | 1        | E        | 5        | 1          |
| <b>CV1826</b>  |                     | 1        | E        | 5        | 1          |
| <b>CV1829</b>  |                     | 1        | E        | 5        | 1          |

| <b>TUBE</b>    | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|----------------|---------------------|----------|----------|----------|------------|
| <b>CV1854*</b> | 1,3,5,7             | 5        | B        | 4        | 1          |
|                | 1,3,5,7             | 5        | B        | 6        | 1          |
|                | Normal short 8, H-K |          |          |          |            |
| <b>CV1856*</b> | 1,3,5,7             | 5        | B        | 4        | 1          |
|                | 1,3,5,7             | 5        | B        | 6        | 1          |
|                | Normal short 8, H-K |          |          |          |            |
| <b>CV1862</b>  | 7                   | 6        | C        | 1        | 4          |
| <b>CV1865</b>  |                     | 6        | C        | 1        | 3          |
| <b>CV1873</b>  |                     | 6        | D        | 4        | 1          |
| <b>CV1878</b>  |                     | 6        | G        | 1        | 1          |
|                |                     | 6        | F        | 5        | 1          |
| <b>CV1882</b>  |                     | 6        | C        | 4        | 1          |
| <b>CV1886</b>  | 7                   | 6        | G        | 1        | 8          |
| <b>CV1887</b>  |                     | 6        | F        | 10       | 1          |
|                |                     | 6        | G        | 5        | 1          |
|                |                     | 6        | G        | 4        | 1          |
| <b>CV1888</b>  |                     | 6        | C        | 1        | 3          |
| <b>CV1893</b>  |                     | 6        | E        | 10       | 1          |
|                |                     | 6        | G        | 5        | 1          |
|                |                     | 6        | G        | 4        | 1          |
| <b>CV1894</b>  |                     | 6        | E        | 10       | 1          |
|                |                     | 6        | G        | 5        | 1          |
|                |                     | 6        | G        | 4        | 1          |
| <b>CV1896</b>  |                     | 6        | F        | 5        | 1          |
|                |                     | 6        | F        | 10       | 1          |
| <b>CV1901</b>  |                     | 6        | E        | 1        | 4          |
| <b>CV1902</b>  |                     | 6        | E        | 5        | 1          |
| <b>CV1908</b>  |                     | 6        | G        | 10       | 1          |
| <b>CV1909</b>  |                     | 6        | G        | 10       | 1          |
| <b>CV1910</b>  |                     | 6        | G        | 10       | 1          |
| <b>CV1911</b>  |                     | 6        | B        | 5        | 1          |
| <b>CV1912</b>  |                     | 6        | B        | 5        | 1          |
| <b>CV1917</b>  |                     | 6        | E        | 10       | 1          |
|                |                     | 6        | E        | 5        | 1          |
| <b>CV1918</b>  |                     | 6        | E        | 10       | 1          |
|                |                     | 6        | E        | 5        | 1          |
| <b>CV1926</b>  |                     | 6        | D        | 5        | 1          |
| <b>CV1928</b>  |                     | 12       | D        | 1        | 4          |
| <b>CV1929</b>  |                     | 6        | E        | 3        | 1          |
|                |                     | 6        | E        | 5        | 1          |

| <b>TUBE</b>   | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKI</b> |
|---------------|----------|----------|----------|----------|------------|
| <b>CV1930</b> |          | 6        | E        | 3        | 1          |
|               |          | 6        | E        | 5        | 1          |
| <b>CV1931</b> |          | 6        | E        | 3        | 1          |
|               |          | 6        | E        | 5        | 1          |
| <b>CV1932</b> |          | 6        | E        | 5        | 1          |
| <b>CV1933</b> |          | 6        | E        | 5        | 1          |
| <b>CV1934</b> |          | 6        | E        | 5        | 1          |
| <b>CV1935</b> |          | 6        | F        | 10       | 1          |
| <b>CV1936</b> |          | 6        | F        | 10       | 1          |
| <b>CV1937</b> |          | 6        | F        | 10       | 1          |
| <b>CV1938</b> |          | 6        | B        | 5        | 1          |
| <b>CV1940</b> |          | 6        | B        | 5        | 1          |
| <b>CV1941</b> |          | 6        | E        | 10       | 1          |
| <b>CV1942</b> |          | 6        | E        | 10       | 1          |
| <b>CV1943</b> |          | 6        | E        | 10       | 1          |
| <b>CV1944</b> |          | 6        | E        | 5        | 1          |
| <b>CV1945</b> |          | 6        | E        | 5        | 1          |
| <b>CV1946</b> |          | 6        | E        | 5        | 1          |
| <b>CV1947</b> |          | 6        | C        | 5        | 1          |
| <b>CV1948</b> |          | 6        | C        | 5        | 1          |
| <b>CV1949</b> |          | 6        | F        | 1        | 4          |
| <b>CV1950</b> |          | 6        | F        | 10       | 1          |
| <b>CV1951</b> |          | 6        | F        | 10       | 1          |
| <b>CV1956</b> |          | 6        | E        | 4        | 1          |
|               |          | 6        | E        | 5        | 1          |
| <b>CV1957</b> |          | 6        | E        | 4        | 1          |
|               |          | 6        | E        | 5        | 1          |
| <b>CV1958</b> |          | 6        | E        | 4        | 1          |
|               |          | 6        | E        | 5        | 1          |
| <b>CV1959</b> | 5        | 50       | C        | 2        | 4          |
| <b>CV1960</b> |          | 6        | E        | 10       | 1          |
| <b>CV1961</b> |          | 12       | D        | 1        | 4          |
| <b>CV1962</b> |          | 6        | E        | 10       | 1          |
|               |          | 6        | G        | 5        | 1          |
|               |          | 6        | G        | 4        | 1          |
| <b>CV1963</b> |          | 6        | E        | 10       | 1          |
|               |          | 6        | G        | 5        | 1          |
|               |          | 6        | G        | 4        | 1          |
| <b>CV1964</b> |          | 6        | E        | 10       | 1          |
|               |          | 6        | G        | 5        | 1          |
|               |          | 6        | G        | 4        | 1          |
| <b>CV1966</b> |          | 6        | D        | 5        | 1          |

| <b>TUBE</b>   | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|----------|----------|----------|----------|------------|
| <b>CV1967</b> |          | 6        | D        | 5        | 1          |
| <b>CV1969</b> |          | 6        | F        | 3        | 2          |
|               |          | 6        | F        | 4        | 2          |
| <b>CV1970</b> |          | 6        | F        | 3        | 2          |
|               |          | 6        | F        | 4        | 2          |
| <b>CV1971</b> | 5        | 1        | F        | 6        | 7          |
| <b>CV1972</b> |          | 6        | F        | 3        | 2          |
| <b>CV1973</b> |          | 6        | F        | 3        | 2          |
| <b>CV1974</b> |          | 6        | E        | 10       | 1          |
| <b>CV1975</b> |          | 6        | E        | 10       | 1          |
| <b>CV1978</b> | 5        | 6        | D        | 4        | 1          |
| <b>CV1981</b> |          | 6        | D        | 4        | 1          |
| <b>CV1982</b> |          | 6        | D        | 4        | 1          |
| <b>CV1984</b> |          | 6        | F        | 1        | 2          |
|               |          | 6        | F        | 4        | 2          |
| <b>CV1985</b> |          | 6        | F        | 1        | 2          |
|               |          | 6        | F        | 4        | 2          |
| <b>CV1986</b> |          | 6        | E        | 1        | 2          |
|               |          | 6        | E        | 4        | 2          |
| <b>CV1988</b> |          | 6        | E        | 1        | 2          |
|               |          | 6        | E        | 4        | 2          |
| <b>CV1990</b> |          | 6        | F        | 2        | 2          |
|               |          | 6        | G        | 4        | 2          |
|               |          | 6        | G        | 5        | 2          |
| <b>CV1991</b> |          | 6        | F        | 2        | 2          |
|               |          | 6        | G        | 4        | 2          |
|               |          | 6        | G        | 5        | 2          |
| <b>CV1993</b> |          | 6        | E        | 4        | 1          |
| <b>CV1995</b> |          | 6        | F        | 2        | 2          |
|               |          | 6        | G        | 4        | 2          |
|               |          | 6        | G        | 5        | 2          |
| <b>CV1996</b> |          | 6        | F        | 2        | 2          |
|               |          | 6        | G        | 4        | 2          |
|               |          | 6        | G        | 5        | 2          |
| <b>CV2004</b> |          | 6        | E        | 2        | 4          |
|               |          | 6        | E        | 7        | 4          |
| <b>CV2005</b> |          | 6        | E        | 2        | 4          |
|               |          | 6        | E        | 7        | 4          |
| <b>CV2007</b> | 9        | 12       | D        | 2        | 3          |
|               | 9        | 12       | D        | 7        | 3          |
| <b>CV2009</b> | 5,6      | 6        | E        | 1        | 4          |

| <b>TUBE</b>                             | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SR I</b> |
|-----------------------------------------|----------|----------|----------|----------|-------------|
| <b>CV2010</b>                           |          | 6        | E        | 5        | 4           |
|                                         |          | 6        | E        | 6        | 4           |
| <b>CV2011</b>                           | 9        | 12       | D        | 2        | 3           |
|                                         | 9        | 12       | D        | 7        | 3           |
| <b>CV2013</b>                           | 1,6      | 6        | C        | 2        | 3           |
| <b>CV2014</b>                           | 8        | 6        | C        | 9        | 3           |
| <b>CV2016</b>                           | 9        | 12       | E        | 2        | 3           |
|                                         | 9        | 12       | E        | 7        | 3           |
| <b>CV2020</b>                           | 2        | 6        | E        | 1        | 4           |
| <b>CV2021</b>                           |          | 6        | B        | 1        | 4           |
|                                         |          | 6        | B        | 6        | 4           |
| <b>CV2022</b>                           | 1,6      | 6        | C        | 2        | 3           |
| <b>CV2023</b>                           |          | 6        | E        | 1        | 4           |
| <b>CV2024</b>                           |          | 6        | D        | 1        | 4           |
| <b>CV2026</b>                           |          | 6        | D        | 1        | 4           |
| <b>CV2105</b>                           | 2,6,8    | 6        | C        | 3        | 3           |
| <b>CV2127</b>                           | 1,6      | 6        | C        | 2        | 3           |
| <b>CV2128</b>                           |          | 6        | E        | 2        | 3           |
|                                         |          | 6        | E        | 9        | 3           |
| <b>CV2129</b>                           | 8        | 6        | C        | 9        | 3           |
| <b>CV2135</b>                           | 6,7,9    | 9        | E        | 2        | 3           |
|                                         | 6,9      | 9        | E        | 7        | 3           |
|                                         | 7,9      | 9        | E        | 6        | 3           |
| <b>CV2136</b>                           | 1,6      | 6        | C        | 2        | 3           |
| <b>CV2195</b>                           |          | 6        | E        | 1        | 4           |
| <b>CV2241</b>                           |          | 1        | H        | 10       | 3           |
| Insert leads into pins 1&5, use top cap |          |          |          |          |             |
| <b>CV2300</b>                           | 2        | 3        | F        | 4        | 7           |
| <b>CV2361</b>                           | 5        | 3        | G        | 6        | 7           |
| <b>CV2370</b>                           | 5,6      | 3        | F        | 3        | 7           |
| <b>CV2382</b>                           | 8        | 6        | E        | 2        | 3           |
|                                         | 8        | 6        | E        | 7        | 3           |
| <b>CV2390</b>                           | 2        | 3        | F        | 4        | 7           |
| <b>CV2466</b>                           | 9        | 12       | C        | 1        | 3           |
|                                         | 9        | 12       | C        | 3        | 3           |
| <b>CV2492</b>                           | 9        | 6        | D        | 2        | 3           |
|                                         | 9        | 6        | D        | 7        | 3           |
| <b>CV2500</b>                           | 1,3,4,6  | 35       | B        | 5        | 1           |
| <b>CV2507</b>                           | 5        | 1        | F        | 6        | 7           |
| <b>CV2522</b>                           |          | 6        | E        | 1        | 4           |
| <b>CV2523</b>                           |          | 6        | A        | 1        | 2           |
|                                         |          | 6        | A        | 4        | 2           |

| TUBE    | A                   | B  | C | D | SKT |
|---------|---------------------|----|---|---|-----|
| CV2524  |                     | 6  | D | 1 | 4   |
| CV2526  |                     | 6  | F | 1 | 4   |
|         |                     | 6  | G | 5 | 4   |
|         |                     | 6  | G | 6 | 4   |
| CV2527  |                     | 6  | D | 2 | 3   |
| CV2530  | 3                   | 45 | B | 5 | 1   |
| CV2534  |                     | 50 | C | 5 | 1   |
| CV2556  |                     | 50 | B | 6 | 1   |
|         |                     | 50 | B | 4 | 1   |
| CV2557  | 1,8                 | 50 | B | 4 | 1   |
| CV2558  | 1,6                 | 50 | F | 3 | 1   |
|         | 1,6                 | 50 | F | 5 | 1   |
| CV2578  | 8                   | 12 | D | 2 | 3   |
|         | 8                   | 12 | D | 7 | 3   |
| CV2704* | 3,5,6               | 6  | F | 1 | 9   |
|         | Normal short 7, H-K |    |   |   |     |
| CV2706  |                     | 6  | F | 4 | 9   |
| CV2707  |                     | 6  | E | 9 | 9   |
| CV2709  |                     | 1  | H | 4 | 9   |
| CV2710  | 7                   | 1  | E | 6 | 9   |
| CV2714  |                     | 6  | A | 5 | 1   |
| CV2716  |                     | 6  | F | 3 | 2   |
|         |                     | 6  | F | 4 | 2   |
| CV2721  | 1,6,7               | 6  | C | 2 | 3   |
| CV2726  |                     | 6  | C | 2 | 3   |
| CV2729  |                     | 6  | G | 9 | 3   |
| CV2742  | 5                   | 1  | F | 6 | 7   |
| CV2748* | 1,3,5,7             | 5  | A | 4 | 1   |
|         | 1,3,5,7             | 5  | A | 6 | 1   |
|         | Normal short 8, H-K |    |   |   |     |
| CV2769  | 1,7                 | 6  | F | 5 | 4   |
| CV2795  | 5                   | 1  | F | 6 | 7   |
| CV2798  | 9                   | 12 | C | 1 | 3   |
|         | 9                   | 12 | C | 3 | 3   |
| CV2842  | 1,5                 | 6  | E | 6 | 4   |
| CV2844  |                     | 6  | B | 1 | 4   |
|         |                     | 6  | B | 6 | 4   |
| CV2854  | 2                   | 6  | C | 1 | 4   |
| CV2877  | 2                   | 6  | D | 1 | 4   |
| CV2882  |                     | 6  | E | 2 | 4   |
|         |                     | 6  | E | 7 | 4   |
| CV2883  | 7                   | 6  | C | 1 | 4   |

| CODE   | A     | B  | C   | D |
|--------|-------|----|-----|---|
| CV2884 |       | 6  | E 1 | 4 |
| CV2901 | 2     | 6  | F 9 | 3 |
| CV2940 | 1,3   | 6  | A 5 | 1 |
| CV2975 | 1,6,8 | 6  | C 2 | 3 |
| CV2983 | 5     | 3  | F 6 | 7 |
| CV2984 |       | 6  | A 1 | 2 |
|        |       | 6  | A 4 | 2 |
| CV3508 | 9     | 12 | E 2 | 3 |
|        | 9     | 12 | E 7 | 3 |
| CV3523 | 4,6,8 | 6  | C 5 | 1 |
| CV3526 | 3     | 6  | C 2 | 3 |
| CV3908 |       | 6  | E 1 | 4 |
| CV3912 |       | 1  | G 6 | 7 |
|        |       | 1  | H 4 | 7 |
| CV3990 | 4,6,8 | 6  | A 5 | 1 |
| CV3995 |       | 6  | D 1 | 4 |
| CV3998 | 1     | 6  | D 2 | 3 |
| CV4003 | 9     | 12 | D 2 | 3 |
|        | 9     | 12 | D 7 | 3 |
| CV4004 | 9     | 12 | F 2 | 3 |
|        | 9     | 12 | F 7 | 3 |
| CV4007 |       | 6  | E 2 | 4 |
|        |       | 6  | E 7 | 4 |
| CV4009 |       | 6  | D 1 | 4 |
| CV4010 | 2     | 6  | D 1 | 4 |
| CV4011 |       | 6  | E 1 | 4 |
| CV4012 |       | 6  | D 1 | 4 |
| CV4014 |       | 6  | G 9 | 3 |
| CV4015 |       | 6  | E 1 | 4 |
| CV4016 | 9     | 12 | D 2 | 3 |
|        | 9     | 12 | D 7 | 3 |
| CV4017 | 9     | 12 | F 2 | 3 |
|        | 9     | 12 | F 7 | 3 |
| CV4019 | 7     | 6  | C 1 | 4 |
| CV4022 | 2,5   | 6  | E 6 | 4 |
| CV4023 |       | 6  | D 1 | 4 |
| CV4024 | 9     | 12 | E 2 | 3 |
|        | 9     | 12 | E 7 | 3 |
| CV4025 |       | 6  | E 2 | 4 |
|        |       | 6  | E 7 | 4 |
| CV4026 |       | 6  | C 1 | 3 |

| <b>TUBE</b>    | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|----------------|---------------------|----------|----------|----------|------------|
| <b>CV4031</b>  |                     | 6        | E        | 5        | 4          |
|                |                     | 6        | E        | 6        | 4          |
| <b>CV4039</b>  | 8                   | 6        | C        | 9        | 3          |
| <b>CV4058</b>  | 2,5                 | 6        | E        | 6        | 4          |
| <b>CV4108</b>  |                     | 6        | E        | 2        | 3          |
|                |                     | 6        | E        | 7        | 3          |
| <b>CV5008</b>  |                     | 6        | A        | 1        | 2          |
|                |                     | 6        | A        | 4        | 2          |
| <b>CV5021</b>  | 3                   | 6        | A        | 7        | 8          |
| <b>CV5032</b>  | 1,3,6,7             | 1        | H        | 10       | 8          |
| <b>CV5034</b>  | 2,6,8               | 6        | G        | 1        | 3          |
| <b>CV5036</b>  | 6,7                 | 6        | D        | 2        | 4          |
| <b>CV5037</b>  |                     | 6        | D        | 1        | 4          |
| <b>CV5040</b>  |                     | 6        | A        | 5        | 1          |
| <b>CV5042</b>  | 9                   | 12       | D        | 2        | 3          |
|                | 9                   | 12       | D        | 7        | 3          |
| <b>CV5055</b>  | 3,6,8               | 6        | G        | 1        | 3          |
| <b>CV5065</b>  |                     | 6        | D        | 2        | 3          |
|                |                     | 6        | D        | 9        | 3          |
| <b>CV5071</b>  | 6                   | 6        | A        | 1        | 8          |
|                | 6                   | 6        | A        | 7        | 8          |
| <b>CV5072</b>  | 6                   | 6        | A        | 1        | 8          |
|                | 6                   | 6        | A        | 7        | 8          |
| <b>CV5074</b>  | 6,7                 | 6        | D        | 2        | 4          |
| <b>CV5077</b>  | 1,6,7               | 21       | C        | 2        | 3          |
| <b>CV5094</b>  | 1,6,8               | 6        | C        | 2        | 3          |
| <b>CV5156</b>  | 1                   | 6        | D        | 2        | 3          |
| <b>CV5172</b>  |                     | 1        | F        | 4        | 7          |
| <b>CV5181*</b> | 1,3,5,7             | 5        | A        | 4        | 1          |
|                | 1,3,5,7             | 5        | A        | 6        | 1          |
|                | Normal short 8, H-K |          |          |          |            |
| <b>CV5189</b>  |                     | 6        | E        | 2        | 4          |
|                |                     | 6        | E        | 7        | 4          |
| <b>CV5190</b>  | 7                   | 6        | C        | 1        | 4          |
| <b>CV5192</b>  | 7                   | 7        | E        | 2        | 3          |
|                | 7                   | 7        | E        | 6        | 3          |
| <b>CV5212</b>  | 9                   | 12       | E        | 2        | 3          |
|                | 9                   | 12       | E        | 7        | 3          |
| <b>CV5214</b>  |                     | 6        | E        | 5        | 4          |
|                |                     | 6        | E        | 6        | 4          |
| <b>CV5215</b>  |                     | 6        | D        | 2        | 3          |
|                |                     | 6        | D        | 9        | 3          |

| <b>TUBE</b>   | <b>A</b>    | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|-------------|----------|----------|----------|------------|
| <b>CV5216</b> | 2           | 6        | D        | 1        | 4          |
| <b>CV5220</b> |             | 6        | A        | 5        | 1          |
| <b>CV5231</b> |             | 6        | E        | 2        | 3          |
|               |             | 6        | E        | 7        | 3          |
| <b>CV5281</b> | 2           | 6        | D        | 3        | 3          |
|               | 2           | 6        | D        | 7        | 3          |
| <b>CV5311</b> | 5,6         | 6        | H        | 1        | 4          |
| <b>CV5331</b> | 9           | 6        | D        | 2        | 3          |
|               | 9           | 6        | D        | 7        | 3          |
| <b>CV5354</b> |             | 6        | E        | 2        | 3          |
|               |             | 6        | E        | 7        | 3          |
| <b>CV5358</b> | 9           | 6        | D        | 2        | 3          |
|               | 9           | 6        | D        | 7        | 3          |
| <b>CV5365</b> | 9           | 6        | E        | 2        | 3          |
|               | 9           | 6        | E        | 7        | 3          |
| <b>CV5404</b> | 9           | 12       | E        | 3        | 3          |
|               | 9           | 12       | E        | 8        | 3          |
| <b>CV5427</b> | 1,3,6,7     | 1        | H        | 10       | 8          |
| <b>CV5434</b> | 2,6,8       | 6        | G        | 1        | 3          |
| <b>CV5724</b> | 8           | 6        | H        | 2        | 3          |
| <b>CV5817</b> | 3           | 6        | D        | 2        | 3          |
| <b>CV5831</b> | 3           | 6        | D        | 2        | 3          |
| <b>CV5843</b> | 9           | 12       | E        | 2        | 3          |
|               | 9           | 12       | E        | 7        | 3          |
| <b>CV5893</b> | 2           | 6        | D        | 1        | 4          |
| <b>CV5895</b> |             | 6        | D        | 1        | 4          |
| <b>CV5896</b> |             | 6        | D        | 1        | 4          |
| <b>CV5905</b> | 1,2,3,6,7,8 | 6        | A        | 9        | 3          |
| <b>CV5989</b> | 0           | 12       | E        | 2        | 3          |
|               | 0           | 12       | E        | 7        | 3          |
| <b>CV8017</b> |             | 6        | E        | 1        | 4          |
| <b>CV8020</b> |             | 6        | E        | 1        | 4          |
| <b>CV8045</b> | 1,6         | 6        | C        | 2        | 3          |
| <b>CV8047</b> | 6,7,9       | 9        | E        | 2        | 3          |
|               | 6,9         | 9        | E        | 7        | 3          |
|               | 7,9         | 9        | E        | 6        | 3          |
| <b>CV8048</b> | 1,6         | 6        | C        | 2        | 3          |
| <b>CV8065</b> |             | 6        | E        | 2        | 3          |
|               |             | 6        | E        | 7        | 3          |
| <b>CV8068</b> | 2           | 6        | F        | 9        | 3          |
| <b>CV8069</b> | 1,6,8       | 6        | C        | 2        | 3          |
| <b>CV8070</b> |             | 6        | F        | 10       | 1          |

| TUBE    | A                   | B  | C | D | SKT |
|---------|---------------------|----|---|---|-----|
| CV8071  |                     | 6  | E | 1 | 4   |
| CV8073  | 9                   | 12 | F | 2 | 3   |
|         | 9                   | 12 | F | 7 | 3   |
| CV8076  | 1,6                 | 6  | C | 2 | 3   |
| CV8154  | 9                   | 12 | E | 2 | 3   |
|         | 9                   | 12 | E | 7 | 3   |
| CV8155  | 9                   | 12 | D | 2 | 3   |
|         | 9                   | 12 | D | 7 | 3   |
| CV8156  | 9                   | 12 | F | 2 | 3   |
|         | 9                   | 12 | F | 7 | 3   |
| CV8159  | 2                   | 6  | E | 1 | 4   |
| CV8160  |                     | 6  | E | 5 | 4   |
|         |                     | 6  | E | 6 | 4   |
| CV8189* | 1,3,5,7             | 5  | A | 4 | 1   |
|         | 1,3,5,7             | 5  | A | 6 | 1   |
|         | Normal short 8, H-K |    |   |   |     |
| CV8190  |                     | 6  | D | 1 | 4   |
| CV8191  | 8,9                 | 6  | C | 2 | 3   |
| CV8192  | 5,6                 | 6  | H | 1 | 4   |
| CV8200  |                     | 6  | E | 2 | 4   |
|         |                     | 6  | E | 7 | 4   |
| CV8201  |                     | 6  | D | 1 | 4   |
| CV8202  |                     | 6  | D | 1 | 4   |
| CV8203  |                     | 6  | B | 1 | 4   |
|         |                     | 6  | B | 6 | 4   |
| CV8204* | 1,3,5,7             | 5  | A | 4 | 1   |
|         | 1,3,5,7             | 5  | A | 6 | 1   |
|         | Normal short 8, H-K |    |   |   |     |
| CV8205  |                     | 6  | F | 1 | 4   |
| CV8206  | 8                   | 6  | C | 9 | 3   |
| CV8208  |                     | 6  | D | 1 | 4   |
| CV8209  |                     | 6  | E | 1 | 4   |
| CV8210  |                     | 6  | D | 1 | 4   |
| CV8211  | 2                   | 6  | C | 1 | 4   |
| CV8215  | 2                   | 6  | E | 1 | 4   |
| CV8216  |                     | 6  | A | 1 | 2   |
|         |                     | 6  | A | 4 | 2   |
| CV8218  | 4,6,8               | 6  | C | 5 | 1   |
| CV8221  | 9                   | 12 | D | 2 | 3   |
|         | 9                   | 12 | D | 7 | 3   |
| CV8222  | 9                   | 12 | F | 2 | 3   |
|         | 9                   | 12 | F | 7 | 3   |

| TUBE   | A       | B  | C | D | SKT |
|--------|---------|----|---|---|-----|
| CV8223 |         | 6  | B | 1 | 4   |
|        |         | 6  | B | 6 | 4   |
| CV8224 |         | 6  | E | 2 | 4   |
|        |         | 6  | E | 7 | 4   |
| CV8225 | 2       | 6  | E | 1 | 4   |
| CV8226 |         | 6  | E | 1 | 4   |
| CV8227 |         | 6  | D | 1 | 4   |
| CV8229 | 7       | 6  | C | 1 | 4   |
| CV8231 |         | 6  | E | 5 | 4   |
|        |         | 6  | E | 6 | 4   |
| CV8232 |         | 6  | A | 1 | 2   |
|        |         | 6  | A | 4 | 2   |
| CV8237 |         | 6  | B | 1 | 4   |
|        |         | 6  | B | 6 | 4   |
| CV8246 | 2       | 6  | D | 1 | 4   |
| CV8248 |         | 6  | D | 1 | 4   |
| CV8249 |         | 6  | D | 1 | 4   |
| CV8280 |         | 6  | B | 3 | 1   |
|        |         | 6  | B | 5 | 1   |
| CV8287 | 3,8,9   | 6  | C | 2 | 3   |
| CV8297 |         | 6  | C | 8 | 3   |
|        |         | 6  | G | 1 | 3   |
| CV8310 |         | 6  | E | 1 | 4   |
| CV8311 |         | 6  | E | 2 | 4   |
|        |         | 6  | E | 7 | 4   |
| CV8312 | 9       | 12 | F | 2 | 3   |
|        | 9       | 12 | F | 7 | 3   |
| CV8403 |         | 6  | D | 1 | 4   |
| CV8430 | 3,4,6,8 | 6  | G | 5 | 1   |
| CV8431 | 9       | 12 | E | 2 | 3   |
|        | 9       | 12 | E | 7 | 3   |
| CV8433 |         | 9  | D | 2 | 3   |
|        |         | 9  | D | 9 | 3   |
| CV8458 | 7       | 6  | C | 1 | 4   |
| CV8470 |         | 6  | F | 4 | 6   |
| CXF80  |         | 4  | D | 2 | 3   |
|        |         | 4  | D | 9 | 3   |
| D2M9   |         | 6  | E | 2 | 4   |
|        |         | 6  | E | 7 | 4   |
| D63    |         | 6  | F | 3 | 1   |
|        |         | 6  | F | 5 | 1   |

| <b>TUBE</b>  | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|----------|----------|----------|----------|------------|
| <b>D77</b>   |          | 6        | E        | 2        | 4          |
|              |          | 6        | E        | 7        | 4          |
| <b>D152</b>  |          | 6        | E        | 7        | 4          |
|              |          | 6        | E        | 2        | 4          |
| <b>D193</b>  | 5,6      | 3        | F        | 4        | 7          |
| <b>D717</b>  |          | 6        | E        | 2        | 4          |
|              |          | 6        | E        | 7        | 4          |
| <b>DA90</b>  | 2,5      | 1        | J        | 6        | 7          |
| <b>DAC21</b> |          | 1        | G        | 6        | 7          |
|              |          | 1        | H        | 3        | 7          |
| <b>DAC32</b> |          | 1        | G        | 10       | 1          |
|              |          | 1        | G        | 5        | 1          |
| <b>DAE32</b> |          | 1        | F        | 10       | 1          |
|              |          | 1        | G        | 5        | 1          |
| <b>DAF90</b> | 2,5      | 1        | J        | 6        | 7          |
| <b>DAF91</b> |          | 1        | G        | 6        | 7          |
|              |          | 1        | H        | 3        | 7          |
| <b>DAF92</b> |          | 1        | G        | 6        | 7          |
|              |          | 1        | H        | 4        | 7          |
| <b>DAF96</b> | 2        | 1        | G        | 6        | 7          |
|              | 2        | 1        | H        | 3        | 7          |
| <b>DAF97</b> | 5        | 1        | G        | 6        | 7          |
| <b>DC80</b>  | 3        | 1        | D        | 1        | 3          |
| <b>DCC90</b> | 4        | 3        | F        | 3        | 7          |
|              | 4        | 3        | F        | 5        | 7          |
| <b>DD6</b>   |          | 6        | E        | 2        | 4          |
|              |          | 6        | E        | 7        | 4          |
| <b>DD7</b>   |          | 6        | C        | 1        | 4          |
| <b>DD77</b>  |          | 6        | E        | 2        | 4          |
|              |          | 6        | E        | 7        | 4          |
| <b>DDR7</b>  |          | 6        | D        | 1        | 4          |
| <b>DDT6</b>  |          | 6        | F        | 8        | 3          |
|              |          | 6        | G        | 6        | 3          |
|              |          | 6        | G        | 2        | 3          |
| <b>DF26</b>  |          | 1        | G        | 6        | 7          |
|              |          | 1        | H        | 3        | 7          |
| <b>DF33</b>  |          | 1        | F        | 10       | 1          |
| <b>DF91</b>  | 5        | 1        | F        | 6        | 7          |
| <b>DF92</b>  | 5        | 1        | F        | 6        | 7          |
| <b>DF96</b>  | 5        | 1        | G        | 6        | 7          |
| <b>DF97</b>  | 2        | 1        | G        | 1        | 4          |
| <b>DF904</b> | 5        | 1        | F        | 6        | 7          |

| TUBE  | A | B  | C | D  | SKT |
|-------|---|----|---|----|-----|
| DH63  |   | 6  | F | 10 | 1   |
|       |   | 6  | G | 5  | 1   |
|       |   | 6  | G | 4  | 1   |
| DH73  |   | 6  | F | 10 | 1   |
|       |   | 6  | G | 5  | 1   |
| DH74  |   | 12 | F | 10 | 1   |
|       |   | 12 | G | 5  | 1   |
|       |   | 12 | G | 4  | 1   |
| DH76  |   | 12 | F | 10 | 1   |
|       |   | 12 | G | 5  | 1   |
|       |   | 12 | G | 4  | 1   |
| DH77  |   | 6  | F | 1  | 4   |
|       |   | 6  | G | 5  | 4   |
|       |   | 6  | G | 6  | 4   |
| DH81  | 4 | 6  | F | 3  | 9   |
|       | 4 | 6  | G | 5  | 9   |
|       | 4 | 6  | G | 6  | 9   |
| DH109 |   | 28 | F | 8  | 3   |
|       |   | 28 | G | 6  | 3   |
|       |   | 28 | G | 2  | 3   |
|       |   | 28 | G | 1  | 3   |
| DH118 | 4 | 14 | F | 6  | 9   |
|       | 4 | 14 | G | 5  | 9   |
|       | 4 | 14 | G | 3  | 9   |
| DH119 | 9 | 14 | F | 2  | 3   |
|       | 9 | 14 | G | 6  | 3   |
|       | 9 | 14 | G | 8  | 3   |
| DH142 | 4 | 14 | F | 6  | 9   |
|       | 4 | 14 | G | 5  | 9   |
|       | 4 | 14 | G | 3  | 9   |
| DH147 |   | 6  | F | 10 | 1   |
|       |   | 6  | G | 5  | 1   |
|       |   | 6  | G | 4  | 1   |
| DH149 | 4 | 6  | F | 6  | 9   |
|       | 4 | 6  | G | 5  | 9   |
|       | 4 | 6  | G | 3  | 9   |
| DH719 |   | 6  | F | 8  | 3   |
|       |   | 6  | G | 6  | 3   |
|       |   | 6  | G | 2  | 3   |
|       |   | 6  | G | 1  | 3   |
| DK32  |   | 1  | G | 5  | 1   |
| DK91  | 5 | 1  | F | 4  | 7   |

| TUBE                | A     | B  | C | D  | SKT |
|---------------------|-------|----|---|----|-----|
| DK92                |       | 1  | F | 4  | 7   |
| DK96                |       | 1  | F | 4  | 7   |
| DK97                | 7     | 1  | F | 4  | 7   |
| DL12                |       | 6  | F | 8  | 2   |
|                     |       | 6  | G | 6  | 3   |
|                     |       | 6  | G | 2  | 3   |
|                     |       | 6  | G | 1  | 3   |
| DL29                | 7     | 1  | E | 6  | 9   |
| DL31                | 1,6,8 | 1  | F | 5  | 1   |
| DL33                | 8     | 3  | D | 5  | 1   |
| DL35                |       | 1  | F | 5  | 1   |
| DL36                |       | 1  | E | 5  | 1   |
| DL37                |       | 6  | C | 5  | 1   |
| DL63                |       | 6  | F | 10 | 1   |
|                     |       | 6  | G | 5  | 1   |
|                     |       | 6  | G | 4  | 1   |
| DL74M               |       | 12 | F | 10 | 1   |
|                     |       | 12 | G | 5  | 1   |
|                     |       | 12 | G | 4  | 1   |
| DL82                | 4     | 6  | F | 3  | 9   |
|                     | 4     | 6  | G | 5  | 9   |
|                     | 4     | 6  | G | 6  | 9   |
| DL91                | 5,6   | 1  | F | 3  | 7   |
| DL92                | 5,6   | 3  | F | 3  | 7   |
| DL93                | 5,6   | 3  | F | 4  | 7   |
| DL94                | 5     | 3  | F | 6  | 7   |
| DL95                | 5,6   | 3  | F | 3  | 7   |
| DL96                | 5     | 3  | G | 6  | 7   |
| DL193               | 5     | 3  | F | 4  | 7   |
| DM74                |       | 12 | F | 10 | 1   |
|                     |       | 12 | G | 5  | 1   |
|                     |       | 12 | G | 4  | 1   |
| DM76                |       | 12 | F | 10 | 1   |
|                     |       | 12 | G | 5  | 1   |
|                     |       | 12 | G | 4  | 1   |
| DP51                | 2     | 6  | E | 1  | 4   |
| DP61                | 2     | 6  | E | 1  | 4   |
| DY30*               | 2     | 1  | H | 10 | 1   |
| Normal short 8, H-K |       |    |   |    |     |
| DY51                |       | 1  | J | 10 | 3   |

Insert leads into pins 1&5, use top cap

| TUBE                                      | A             | B  | C | D  | SKT |
|-------------------------------------------|---------------|----|---|----|-----|
| DY70                                      |               | 1  | H | 10 | 3   |
| Insert leads into pins 1 & 5, use top cap |               |    |   |    |     |
| DY80                                      | 1,2,3,6,7,8,9 | 1  | H | 10 | 8   |
| DY86                                      | 1,2,3,6,7,8,9 | 1  | H | 10 | 8   |
| DY87                                      | 1,2,3,6,7,8,9 | 1  | H | 10 | 8   |
| E55L                                      | 6,9           | 6  | D | 8  | 5   |
| E80CC                                     | 9             | 12 | E | 2  | 3   |
|                                           | 9             | 12 | E | 7  | 3   |
| E80CF                                     |               | 6  | D | 2  | 3   |
|                                           |               | 6  | E | 9  | 3   |
| E80F                                      |               | 6  | G | 9  | 3   |
| E80L                                      | 1             | 6  | C | 2  | 3   |
| E80T                                      | 8             | 6  | H | 2  | 3   |
| E81CC                                     | 9             | 12 | E | 2  | 3   |
|                                           | 9             | 12 | E | 7  | 3   |
| E81L                                      | 1             | 6  | C | 2  | 3   |
| E82CC                                     | 9             | 12 | D | 2  | 3   |
|                                           | 9             | 12 | D | 7  | 3   |
| E82CF                                     |               | 6  | D | 2  | 3   |
|                                           |               | 6  | D | 9  | 3   |
| E83CC                                     | 9             | 12 | F | 2  | 3   |
|                                           | 9             | 12 | F | 7  | 3   |
| E83F                                      |               | 6  | E | 2  | 3   |
| E84L                                      | 1,6,8         | 6  | C | 2  | 3   |
| E86C                                      | 6,7,8,9       | 6  | D | 2  | 8   |
| E88C                                      | 3,6,7,9       | 6  | H | 8  | 3   |
| E88CC                                     |               | 6  | E | 2  | 3   |
|                                           |               | 6  | E | 7  | 3   |
| E89F                                      | 1,6           | 6  | D | 2  | 3   |
| E90C                                      |               | 6  | E | 5  | 4   |
|                                           |               | 6  | E | 6  | 4   |
| E90F                                      |               | 6  | E | 1  | 4   |
| E90Z                                      |               | 6  | B | 1  | 4   |
|                                           |               | 6  | B | 6  | 4   |
| E91AA                                     |               | 6  | E | 2  | 3   |
|                                           |               | 6  | E | 7  | 3   |
| E91H                                      |               | 6  | F | 1  | 4   |
| E92CC                                     |               | 6  | E | 5  | 4   |
|                                           |               | 6  | E | 6  | 4   |
| E95F                                      | 2             | 6  | E | 1  | 4   |
| E99F                                      |               | 6  | E | 1  | 4   |
| E130L                                     | 1,3,6         | 6  | C | 5  | 1   |

| <b>TUBE</b>   | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|----------|----------|----------|----------|------------|
| <b>E180CC</b> | 9        | 12       | E        | 2        | 3          |
|               | 9        | 12       | E        | 7        | 3          |
| <b>E180F</b>  | 1        | 6        | D        | 2        | 3          |
| <b>E180L</b>  | 1,3,6    | 6        | C        | 5        | 1          |
| <b>E182CC</b> | 8        | 12       | D        | 2        | 3          |
|               | 8        | 12       | D        | 7        | 3          |
| <b>E186F</b>  | 1        | 6        | D        | 2        | 3          |
| <b>E188CC</b> |          | 6        | E        | 2        | 3          |
|               |          | 6        | E        | 7        | 3          |
| <b>E280F</b>  | 1,6      | 6        | C        | 2        | 3          |
| <b>E288C</b>  | 9        | 6        | B        | 2        | 3          |
|               | 9        | 6        | B        | 7        | 3          |
| <b>E810F</b>  | 3,9      | 6        | C        | 2        | 3          |
| <b>E902</b>   |          | 6        | B        | 1        | 4          |
|               |          | 6        | B        | 6        | 4          |
| <b>E1485</b>  | 2        | 3        | F        | 4        | 7          |
| <b>E2016</b>  |          | 6        | E        | 1        | 4          |
| <b>E2157</b>  | 9        | 12       | E        | 2        | 3          |
|               | 9        | 12       | E        | 7        | 3          |
| <b>E2163</b>  | 9        | 12       | D        | 2        | 3          |
|               | 9        | 12       | D        | 7        | 3          |
| <b>E2164</b>  | 9        | 12       | F        | 2        | 3          |
|               | 9        | 12       | F        | 7        | 3          |
| <b>EA50</b>   |          | 2        | E        | 1        | 4          |
| <b>EAA91</b>  |          | 6        | E        | 2        | 4          |
|               |          | 6        | E        | 7        | 4          |
| <b>EAA901</b> |          | 6        | E        | 2        | 4          |
|               |          | 6        | E        | 7        | 4          |
| <b>EAB80</b>  |          | 6        | F        | 8        | 3          |
|               |          | 6        | G        | 7        | 3          |
|               |          | 6        | G        | 2        | 3          |
|               |          | 6        | G        | 1        | 3          |
| <b>EABC80</b> |          | 6        | F        | 8        | 3          |
|               |          | 6        | G        | 6        | 3          |
|               |          | 6        | G        | 2        | 3          |
|               |          | 6        | G        | 1        | 3          |
| <b>EA801</b>  |          | 6        | D        | 2        | 3          |
|               |          | 6        | D        | 8        | 3          |
| <b>EB34</b>   |          | 6        | E        | 3        | 1          |
|               |          | 6        | E        | 5        | 1          |
| <b>EB91</b>   |          | 6        | E        | 2        | 4          |
|               |          | 6        | E        | 7        | 4          |

| TUBE  | A       | B | C | D  | SKT |
|-------|---------|---|---|----|-----|
| EBC3  |         | 6 | F | 8  | 3   |
|       |         | 6 | G | 6  | 3   |
|       |         | 6 | G | 2  | 3   |
| EBC33 |         | 6 | E | 10 | 1   |
|       |         | 6 | G | 5  | 1   |
|       |         | 6 | G | 4  | 1   |
| EBC80 |         | 6 | F | 8  | 3   |
|       |         | 6 | G | 6  | 3   |
|       |         | 6 | G | 2  | 3   |
| EBC81 |         | 6 | F | 8  | 3   |
|       |         | 6 | G | 6  | 3   |
|       |         | 6 | G | 2  | 3   |
| EBC90 |         | 6 | F | 1  | 4   |
|       |         | 6 | G | 5  | 4   |
|       |         | 6 | G | 6  | 4   |
| EBC91 |         | 6 | F | 1  | 4   |
|       |         | 6 | G | 5  | 4   |
|       |         | 6 | G | 6  | 4   |
| EBD80 |         | 6 | E | 2  | 3   |
|       |         | 6 | E | 6  | 3   |
|       |         | 6 | E | 8  | 3   |
| EBF80 |         | 6 | F | 2  | 3   |
|       |         | 6 | G | 7  | 3   |
|       |         | 6 | G | 8  | 3   |
| EBF81 |         | 6 | E | 2  | 3   |
|       |         | 6 | G | 7  | 3   |
|       |         | 6 | G | 8  | 3   |
| EBF83 |         | 6 | G | 2  | 3   |
|       |         | 6 | G | 7  | 3   |
|       |         | 6 | G | 8  | 3   |
| EBF85 |         | 6 | D | 2  | 3   |
|       |         | 6 | G | 7  | 3   |
|       |         | 6 | G | 8  | 3   |
| EBF89 |         | 6 | D | 2  | 3   |
|       |         | 6 | G | 7  | 3   |
|       |         | 6 | G | 8  | 3   |
| EC22  |         | 6 | C | 1  | 3   |
| EC52  |         | 6 | E | 6  | 4   |
| EC53  |         | 6 | E | 6  | A   |
| EC80  | 7       | 6 | D | 1  | 8   |
| EC81  |         | 6 | C | 1  | 3   |
| EC86  | 6,7,8,9 | 6 | E | 2  | 8   |

| <b>TUBE</b>   | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|----------|----------|----------|----------|------------|
| <b>EC88</b>   | 1,3,6,7  | 6        | D        | 9        | 3          |
| <b>EC90</b>   | 1        | 6        | D        | 6        | 4          |
| <b>EC91</b>   | 5,6      | 6        | E        | 1        | 4          |
| <b>EC92</b>   | 2        | 6        | E        | 6        | 4          |
| <b>EC93</b>   | 6,7      | 6        | D        | 2        | 4          |
| <b>EC94</b>   | 6,7      | 6        | D        | 2        | 4          |
| <b>EC95</b>   | 7        | 6        | E        | 2        | 4          |
| <b>EC97</b>   | 1        | 6        | E        | 2        | 4          |
| <b>EC806</b>  | 2,7,8,9  | 6        | D        | 6        | 8          |
| <b>EC900</b>  | 2        | 6        | E        | 1        | 4          |
| <b>EC903</b>  | 6,7      | 6        | D        | 2        | 4          |
| <b>EC8010</b> | 1,3,7,9  | 6        | G        | 6        | 8          |
| <b>EC8020</b> | 1,3,7,9  | 6        | G        | 6        | 8          |
| <b>EC8605</b> | 2,7,8,9  | 6        | D        | 6        | 8          |
| <b>ECC32</b>  |          | 6        | E        | 1        | 2          |
|               |          | 6        | E        | 4        | 2          |
| <b>ECC33</b>  |          | 6        | E        | 1        | 2          |
|               |          | 6        | E        | 4        | 2          |
| <b>ECC35</b>  |          | 6        | F        | 1        | 2          |
|               |          | 6        | F        | 4        | 2          |
| <b>ECC70</b>  | 9        | 12       | E        | 2        | 3          |
|               | 9        | 12       | E        | 7        | 3          |
| <b>ECC81</b>  | 9        | 12       | E        | 2        | 3          |
|               | 9        | 12       | E        | 7        | 3          |
| <b>ECC82</b>  | 9        | 12       | D        | 2        | 3          |
|               | 9        | 12       | D        | 7        | 3          |
| <b>ECC83</b>  | 9        | 12       | F        | 2        | 3          |
|               | 9        | 12       | F        | 7        | 3          |
| <b>ECC84</b>  | 2        | 6        | D        | 3        | 3          |
|               | 2        | 6        | D        | 7        | 3          |
| <b>ECC85</b>  |          | 6        | D        | 2        | 3          |
|               |          | 6        | D        | 7        | 3          |
| <b>ECC86</b>  |          | 6        | E        | 2        | 3          |
|               |          | 6        | E        | 7        | 3          |
| <b>ECC88</b>  |          | 6        | D        | 2        | 3          |
|               |          | 6        | D        | 7        | 3          |
| <b>ECC89</b>  | 7        | 6        | D        | 2        | 3          |
|               | 7        | 6        | D        | 6        | 3          |
| <b>ECC91</b>  |          | 6        | E        | 5        | 4          |
|               |          | 6        | E        | 6        | 4          |
| <b>ECC180</b> |          | 6        | E        | 7        | 3          |
|               |          | 6        | E        | 2        | 3          |

| TUBE    | A | B  | C | D  | SKT |
|---------|---|----|---|----|-----|
| ECC186  | 9 | 12 | D | 2  | 3   |
|         | 9 | 12 | D | 7  | 3   |
| ECC189  | 9 | 6  | D | 2  | 3   |
|         | 9 | 6  | D | 7  | 3   |
| ECC230  |   | 6  | A | 1  | 2   |
|         |   | 6  | A | 4  | 2   |
| ECC801  | 9 | 12 | E | 2  | 3   |
|         | 9 | 12 | E | 7  | 3   |
| ECC802  | 9 | 12 | D | 2  | 3   |
|         | 9 | 12 | D | 7  | 3   |
| ECC803  | 9 | 12 | F | 2  | 3   |
|         | 9 | 12 | F | 7  | 3   |
| ECC804  |   | 6  | D | 2  | 3   |
|         |   | 6  | D | 7  | 3   |
| ECC807  |   | 6  | G | 2  | 3   |
|         |   | 6  | G | 9  | 3   |
| ECC808  |   | 6  | G | 1  | 3   |
|         |   | 6  | G | 9  | 3   |
| ECC813  | 9 | 12 | E | 3  | 3   |
|         | 9 | 12 | E | 8  | 3   |
| ECC863  | 9 | 12 | G | 2  | 3   |
|         | 9 | 12 | G | 7  | 3   |
| ECC900  | 2 | 6  | E | 1  | 4   |
| ECC960  |   | 6  | E | 6  | 4   |
|         |   | 6  | E | 5  | 4   |
| ECC962  |   | 6  | E | 3  | 3   |
|         |   | 6  | E | 6  | 3   |
| ECC2000 | 1 | 6  | D | 3  | 11  |
|         | 1 | 6  | D | 8  | 11  |
| ECF80   |   | 6  | E | 2  | 3   |
|         |   | 6  | E | 9  | 3   |
| ECF82   |   | 6  | D | 2  | 3   |
|         |   | 6  | D | 9  | 3   |
| ECF83   |   | 6  | F | 9  | 3   |
|         |   | 6  | F | 2  | 3   |
| ECF86   |   | 6  | D | 2  | 3   |
|         |   | 6  | D | 6  | 3   |
| ECF200  |   | 6  | D | 3  | 11  |
|         |   | 6  | E | 10 | 11  |
| ECF201  |   | 6  | D | 3  | 11  |
|         |   | 6  | D | 10 | 11  |

| <b>TUBE</b>   | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|----------|----------|----------|----------|------------|
| <b>ECF202</b> |          | 6        | C        | 3        | 11         |
|               |          | 6        | D        | 10       | 11         |
| <b>ECF801</b> | 3        | 6        | D        | 2        | 3          |
|               | 3        | 6        | E        | 9        | 3          |
| <b>ECF802</b> |          | 6        | D        | 9        | 3          |
|               |          | 6        | D        | 2        | 3          |
| <b>ECF804</b> |          | 6        | E        | 2        | 3          |
|               |          | 6        | D        | 9        | 3          |
| <b>ECF805</b> | 6        | 6        | E        | 7        | 3          |
|               | 6        | 6        | D        | 9        | 3          |
| <b>ECH32</b>  |          | 6        | E        | 5        | 1          |
| <b>ECH33</b>  |          | 6        | E        | 5        | 1          |
| <b>ECH35</b>  |          | 6        | D        | 10       | 1          |
| <b>ECH36</b>  |          | 6        | E        | 5        | 1          |
| <b>ECH42</b>  | 8        | 6        | E        | 1        | 10         |
|               | 8        | 6        | E        | 7        | 10         |
|               | 8        | 6        | E        | 9        | 10         |
| <b>ECH43</b>  | 8        | 6        | E        | 1        | 10         |
|               | 8        | 6        | E        | 7        | 10         |
|               | 8        | 6        | E        | 9        | 10         |
| <b>ECH80</b>  |          | 6        | E        | 2        | 3          |
|               |          | 6        | F        | 9        | 3          |
| <b>ECH81</b>  |          | 6        | E        | 2        | 3          |
|               |          | 6        | E        | 9        | 3          |
| <b>ECH82</b>  |          | 6        | D        | 10       | 1          |
| <b>ECH83</b>  |          | 6        | F        | 2        | 3          |
|               |          | 6        | G        | 9        | 3          |
| <b>ECH84</b>  |          | 6        | E        | 2        | 3          |
|               |          | 6        | E        | 9        | 3          |
| <b>ECH113</b> | 8        | 6        | E        | 1        | 10         |
|               | 8        | 6        | E        | 7        | 10         |
|               | 8        | 6        | E        | 9        | 10         |
| <b>ECH200</b> |          | 6        | D        | 8        | 11         |
|               |          | 6        | E        | 3        | 11         |
| <b>ECL80</b>  |          | 6        | D        | 9        | 3          |
|               |          | 6        | F        | 2        | 3          |
| <b>ECL82</b>  |          | 8        | C        | 3        | 3          |
|               |          | 8        | F        | 1        | 3          |
| <b>ECL83</b>  |          | 6        | C        | 9        | 3          |
|               |          | 6        | G        | 2        | 3          |
| <b>ECL84</b>  |          | 6        | D        | 8        | 3          |
|               |          | 6        | F        | 1        | 3          |

| TUBE    | A   | B | C | D  | SKT |
|---------|-----|---|---|----|-----|
| ECL85   |     | 6 | C | 9  | 3   |
|         |     | 6 | E | 2  | 3   |
| ECL86   |     | 6 | C | 8  | 3   |
|         |     | 6 | G | 1  | 3   |
| ECL821  | 1,6 | 6 | C | 2  | 3   |
| ECLL800 |     | 6 | F | 2  | 3   |
|         |     | 6 | C | 6  | 3   |
| ED2     |     | 6 | E | 2  | 4   |
|         |     | 6 | E | 7  | 4   |
| EDF86   |     | 4 | D | 2  | 3   |
|         |     | 4 | D | 9  | 3   |
| ED500   | 2   | 6 | G | 8  | 12  |
| EF2     | 1   | 6 | D | 2  | 4   |
| EF5     | 1   | 6 | D | 2  | 3   |
| EF13    | 1   | 6 | D | 2  | 3   |
| EF22    |     | 6 | F | 6  | 9   |
| EF32    | 2   | 6 | E | 1  | 4   |
| EF36    |     | 6 | F | 10 | 1   |
| EF37    |     | 6 | F | 10 | 1   |
| EF39    |     | 6 | E | 10 | 1   |
| EF80    | 1   | 6 | D | 2  | 3   |
| EF81    | 8   | 6 | F | 2  | 3   |
| EF82    | 1,6 | 6 | C | 2  | 3   |
| EF83    | 2   | 6 | E | 9  | 3   |
| EF85    | 3   | 6 | D | 2  | 3   |
| EF86    | 2   | 6 | F | 9  | 3   |
| EF87    |     | 6 | F | 9  | 3   |
| EF89    | 1   | 6 | D | 2  | 3   |
| EF89F   | 1,6 | 6 | D | 2  | 3   |
| EF91    |     | 6 | D | 1  | 4   |
| EF92    |     | 6 | E | 1  | 4   |
| EF93    |     | 6 | D | 1  | 4   |
| EF94    |     | 6 | D | 1  | 4   |
| EF95    | 2   | 6 | E | 1  | 4   |
| EF96    |     | 6 | D | 1  | 4   |
| EF97    |     | 6 | D | 1  | 4   |
| EF98    |     | 6 | D | 1  | 4   |
| EF180   |     | 6 | D | 1  | 4   |
| EF183   | 1   | 6 | D | 2  | 3   |
| EF184   | 1   | 6 | D | 2  | 3   |
| EF190   |     | 6 | D | 1  | 4   |
| EF804   | 1   | 6 | F | 9  | 3   |

| <b>TUBE</b> | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-------------|----------|----------|----------|----------|------------|
| EF806       | 2        | 6        | F        | 9        | 3          |
| EF811       | 3        | 6        | D        | 2        | 3          |
| EF812       | 1        | 6        | D        | 2        | 3          |
| EF814       | 3        | 6        | D        | 2        | 3          |
| EF861       | 1        | 6        | D        | 2        | 3          |
| EF905       | 2        | 6        | D        | 1        | 4          |
| EFL200      |          | 6        | C        | 8        | 11         |
|             |          | 6        | D        | 1        | 11         |
| EH90        |          | 6        | D        | 1        | 4          |
| EH900       |          | 6        | D        | 1        | 4          |
| EK90        |          | 6        | D        | 1        | 4          |
| EL33        |          | 6        | F        | 5        | 1          |
| EL34        |          | 6        | A        | 5        | 1          |
| EL35        |          | 6        | A        | 5        | 1          |
| EL36        | 1,3      | 6        | A        | 5        | 1          |
| EL37        |          | 6        | C        | 5        | 1          |
| EL80        | 6,8      | 6        | C        | 2        | 3          |
| EL81        | 1,6,7    | 6        | C        | 2        | 3          |
| EL82        | 1        | 6        | B        | 2        | 3          |
| EL83        |          | 6        | C        | 2        | 3          |
| EL84        | 1,6,8    | 6        | C        | 2        | 3          |
| EL85        | 8        | 6        | C        | 2        | 3          |
| EL86        | 1,6,8    | 6        | C        | 2        | 3          |
| EL90        | 7        | 6        | C        | 1        | 4          |
| EL91        |          | 6        | C        | 1        | 4          |
| EL95        | 7        | 6        | C        | 1        | 4          |
| EL180       | 6,9      | 12       | C        | 2        | 3          |
| EL300       | 4,6,8    | 6        | A        | 5        | 1          |
| EL500       | 2,7,8,9  | 6        | A        | 1        | 12         |
| EL503       | 3,6,8    | 6        | C        | 7        | 5          |
| EL504       | 2,7,8,9  | 6        | A        | 1        | 12         |
| EL505       | 6,7,8    | 6        | A        | 1        | 12         |
| EL508       | 8        | 6        | B        | 1        | 12         |
| EL509       | 6,7,8    | 6        | A        | 1        | 12         |
| EL802       | 6        | 6        | C        | 2        | 5          |
| EL803       |          | 6        | C        | 2        | 3          |
| EL820       | 1,6,7    | 6        | C        | 2        | 3          |
| EL821       | 1,6      | 6        | C        | 2        | 3          |
| EL822       |          | 6        | C        | 2        | 3          |
| EL861       | 1        | 6        | C        | 2        | 3          |
| EL900       | 2        | 6        | E        | 1        | 4          |

| <b>TUBE</b>                             | <b>A</b>      | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKI</b> |
|-----------------------------------------|---------------|----------|----------|----------|------------|
| <b>ELF86</b>                            |               | 4        | D        | 2        | 3          |
|                                         |               | 4        | D        | 9        | 3          |
| <b>ELL80</b>                            |               | 6        | C        | 2        | 3          |
|                                         |               | 6        | C        | 6        | 3          |
| <b>EM81</b>                             | 3,6,8         | 6        | G        | 1        | 3          |
| <b>EM84</b>                             | 2,6,8         | 6        | G        | 1        | 3          |
| <b>EM85</b>                             | 1,6           | 6        | D        | 2        | 3          |
| <b>EM87</b>                             | 2,6,8         | 6        | G        | 1        | 3          |
| <b>EM840</b>                            | 2,6,8         | 6        | G        | 1        | 3          |
| <b>EN93</b>                             |               | 6        | F        | 1        | 4          |
| <b>EQ80</b>                             | 8             | 6        | F        | 7        | 3          |
| <b>EY51</b>                             |               | 6        | J        | 10       | 3          |
| Insert leads into pins 1&5, use top cap |               |          |          |          |            |
| <b>EY80</b>                             | 1,2,6,7,8     | 6        | A        | 9        | 3          |
| <b>EY81</b>                             | 1,2,3,6,7,8   | 6        | A        | 9        | 3          |
| <b>EY82</b>                             | 1,2,6,7,8     | 6        | A        | 9        | 3          |
| <b>EY86</b>                             | 1,2,3,6,7,8,9 | 6        | H        | 10       | 8          |
| <b>EY87</b>                             | 1,2,3,6,7,8   | 6        | J        | 10       | 8          |
| <b>EY88</b>                             | 1,2,3,6,7,8   | 6        | A        | 9        | 3          |
| <b>EY500</b>                            | 7,8           | 6        | A        | 2        | 12         |
| <b>EY500A</b>                           | 1,3,6,7,8,9   | 6        | A        | 2        | 12         |
| <b>EZ3</b>                              | 6             | 6        | A        | 1        | 8          |
|                                         | 6             | 6        | A        | 7        | 8          |
| <b>EZ4</b>                              | 6             | 6        | A        | 1        | 8          |
|                                         | 6             | 6        | A        | 7        | 8          |
| <b>EZ11</b>                             | 6             | 6        | A        | 1        | 8          |
|                                         | 6             | 6        | A        | 7        | 8          |
| <b>EZ22</b>                             | 4             | 6        | B        | 3        | 9          |
|                                         | 4             | 6        | B        | 6        | 9          |
| <b>EZ35</b>                             |               | 6        | B        | 3        | 1          |
|                                         |               | 6        | B        | 5        | 1          |
| <b>EZ80</b>                             | 6             | 6        | A        | 1        | 8          |
|                                         | 6             | 6        | A        | 7        | 8          |
| <b>EZ81</b>                             | 6             | 6        | A        | 1        | 8          |
|                                         | 6             | 6        | A        | 7        | 8          |
| <b>EZ90</b>                             |               | 6        | B        | 1        | 3          |
|                                         |               | 6        | B        | 6        | 3          |
| <b>EZ91</b>                             |               | 6        | A        | 1        | 4          |
|                                         |               | 6        | A        | 6        | 4          |
| <b>EZ900</b>                            |               | 6        | B        | 1        | 4          |
|                                         |               | 6        | B        | 6        | 4          |
| <b>F1EL</b>                             | 3,6,8         | 6        | C        | 7        | 5          |

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| <b>TUBE</b>   | <b>A</b>            | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|---------------------|----------|----------|----------|------------|
| <b>FF95</b>   | 2                   | 6        | E        | 1        | 4          |
| <b>GY501*</b> | 1                   | 3        | J        | 10       | 8          |
|               | Normal short 6, H-K |          |          |          |            |
| <b>GZ30*</b>  |                     | 5        | B        | 4        | 1          |
|               |                     | 5        | B        | 6        | 1          |
|               | Normal short 8, H-K |          |          |          |            |
| <b>GZ31*</b>  |                     | 5        | B        | 4        | 1          |
|               |                     | 5        | B        | 6        | 1          |
|               | Normal short 8, H-K |          |          |          |            |
| <b>GZ32*</b>  |                     | 5        | B        | 4        | 1          |
|               |                     | 5        | B        | 6        | 1          |
|               | Normal short 8, H-K |          |          |          |            |
| <b>GZ34*</b>  | 1                   | 5        | A        | 4        | 1          |
|               |                     | 5        | A        | 6        | 1          |
|               | Normal short 8, H-K |          |          |          |            |
| <b>GZ37</b>   | 1,3,5,7             | 5        | A        | 4        | 1          |
|               | 1,3,5,7             | 5        | A        | 6        | 1          |
|               | Normal short 8, H-K |          |          |          |            |
| <b>H36</b>    |                     | 6        | G        | 10       | 1          |
| <b>H52*</b>   |                     | 5        | A        | 4        | 1          |
|               |                     | 5        | A        | 6        | 1          |
|               | Normal short 8, H-K |          |          |          |            |
| <b>H63</b>    |                     | 6        | F        | 10       | 1          |
| <b>H1112</b>  |                     | 6        | F        | 4        | 6          |
| <b>H1208</b>  |                     | 6        | F        | 4        | 6          |
| <b>HAA9</b>   |                     | 12       | E        | 2        | 4          |
|               |                     | 12       | E        | 7        | 4          |
| <b>HAA91</b>  |                     | 12       | E        | 2        | 4          |
|               |                     | 12       | E        | 7        | 4          |
| <b>HABC80</b> |                     | 19       | F        | 8        | 3          |
|               |                     | 19       | G        | 7        | 3          |
|               |                     | 19       | G        | 2        | 3          |
|               |                     | 19       | G        | 1        | 3          |
| <b>HBC80</b>  |                     | 19       | F        | 8        | 3          |
|               |                     | 19       | G        | 6        | 3          |
|               |                     | 19       | G        | 2        | 3          |
|               |                     | 19       | G        | 1        | 3          |
| <b>HBC90</b>  |                     | 12       | F        | 1        | 4          |
|               |                     | 12       | G        | 5        | 4          |
|               |                     | 12       | G        | 6        | 4          |

| TUBE  | A       | B  | C | D  | SKI |
|-------|---------|----|---|----|-----|
| HBC91 |         | 12 | F | 1  | 4   |
|       |         | 12 | G | 5  | 4   |
|       |         | 12 | G | 6  | 4   |
| HC85  | 9       | 17 | E | 2  | 3   |
|       | 9       | 17 | E | 7  | 3   |
| HCC85 |         | 17 | E | 2  | 3   |
|       |         | 17 | E | 7  | 3   |
| HCH81 |         | 12 | F | 2  | 3   |
|       |         | 12 | G | 9  | 3   |
| HD14  |         | 1  | G | 5  | 1   |
|       |         | 1  | F | 10 | 1   |
| HD93  | 1,3,6,7 | 1  | H | 10 | 8   |
| HD94  |         | 6  | A | 5  | 1   |
| HD96  |         | 25 | A | 5  | 1   |
| HF93  |         | 12 | D | 1  | 4   |
| HF94  |         | 12 | D | 1  | 4   |
| HK90  |         | 12 | D | 1  | 4   |
| HL86  | 1,6,8   | 30 | C | 2  | 3   |
| HL90  | 7       | 19 | C | 1  | 4   |
| HL92  | 5       | 50 | C | 2  | 4   |
| HL94  | 5       | 30 | C | 2  | 4   |
| HM04  |         | 6  | D | 1  | 4   |
| HP6   |         | 6  | E | 1  | 4   |
| HY65  |         | 6  | A | 5  | 1   |
| HY90  | 6       | 35 | A | 5  | 4   |
| HY145 | 5       | 1  | F | 6  | 7   |
| HZ90  |         | 12 | B | 1  | 4   |
|       |         | 12 | B | 6  | 4   |
| KBC32 |         | 2  | F | 6  | 1   |
|       |         | 2  | G | 5  | 1   |
|       |         | 2  | G | 4  | 1   |
| KF35  |         | 2  | F | 4  | 1   |
| KK32  |         | 1  | E | 5  | 1   |
| KL35  |         | 2  | E | 5  | 1   |
| KT32  |         | 25 | C | 5  | 1   |
| KT33  |         | 25 | C | 5  | 1   |
| KT61  |         | 6  | F | 5  | 1   |
| KT63  |         | 6  | B | 5  | 1   |
| KT66  |         | 6  | C | 5  | 1   |
| KT71  |         | 50 | C | 5  | 1   |
| KT77  |         | 6  | A | 5  | 1   |
| KT81  |         | 6  | C | 6  | 9   |

| <b>TUBE</b>   | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|----------|----------|----------|----------|------------|
| <b>KT88</b>   |          | 6        | C        | 5        | 1          |
| <b>KTW1</b>   |          | 6        | F        | 10       | 1          |
| <b>KTW63</b>  |          | 6        | E        | 10       | 1          |
| <b>KTW74M</b> |          | 12       | F        | 10       | 1          |
| <b>KTZ63</b>  |          | 6        | F        | 10       | 1          |
| <b>KY80</b>   | 1,6      | 2        | H        | 10       | 8          |
| <b>L63</b>    |          | 6        | E        | 5        | 1          |
| <b>L77</b>    | 1        | 6        | E        | 5        | 4          |
| <b>LC97</b>   | 7        | 3        | E        | 2        | 4          |
| <b>LC900</b>  | 2        | 3        | E        | 1        | 4          |
| <b>LCC189</b> |          | 5        | E        | 2        | 3          |
|               |          | 5        | E        | 7        | 3          |
| <b>LCF80</b>  |          | 8        | D        | 2        | 3          |
|               |          | 8        | D        | 9        | 3          |
| <b>LCF86</b>  | 3        | 5        | D        | 2        | 3          |
|               | 3        | 5        | D        | 6        | 3          |
| <b>LCF200</b> |          | 5        | D        | 3        | 11         |
|               |          | 5        | E        | 10       | 11         |
| <b>LCF201</b> |          | 5        | D        | 3        | 11         |
|               |          | 5        | D        | 10       | 11         |
| <b>LCF801</b> | 3        | 5        | D        | 2        | 3          |
|               | 3        | 5        | E        | 9        | 3          |
| <b>LCF802</b> |          | 6        | D        | 9        | 3          |
|               |          | 6        | C        | 2        | 3          |
| <b>LCH200</b> |          | 5        | D        | 8        | 11         |
|               |          | 5        | E        | 3        | 11         |
| <b>LCL82</b>  |          | 11       | C        | 3        | 3          |
|               |          | 11       | F        | 1        | 3          |
| <b>LCL84</b>  |          | 10       | D        | 8        | 3          |
|               |          | 10       | F        | 1        | 3          |
| <b>LCL85</b>  |          | 10       | C        | 9        | 3          |
|               |          | 10       | E        | 2        | 3          |
| <b>LCL200</b> |          | 11       | C        | 8        | 11         |
|               |          | 11       | D        | 1        | 11         |
| <b>LF183</b>  | 3        | 4        | D        | 2        | 3          |
| <b>LF184</b>  | 3        | 4        | D        | 2        | 3          |
| <b>LFL200</b> |          | 11       | C        | 8        | 11         |
|               |          | 11       | D        | 1        | 11         |
| <b>LL86</b>   | 1,6,8    | 10       | C        | 2        | 3          |
| <b>LL500</b>  | 2,7,8,9  | 18       | A        | 1        | 12         |
| <b>LL505</b>  | 1,2,3    | 27       | A        | 8        | 12         |
| <b>LL521</b>  | 1,2,3    | 21       | A        | 8        | 12         |

| <b>TUBE</b>  | <b>A</b>    | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|-------------|----------|----------|----------|------------|
| <b>LL802</b> | 9           | 12       | F        | 2        | 3          |
|              | 9           | 12       | F        | 7        | 3          |
| <b>LN119</b> |             | 50       | C        | 3        | 3          |
|              |             | 50       | F        | 1        | 3          |
| <b>LN152</b> |             | 6        | D        | 9        | 3          |
|              |             | 6        | F        | 2        | 3          |
| <b>LN309</b> |             | 16       | C        | 3        | 3          |
|              |             | 16       | E        | 1        | 3          |
| <b>LN319</b> |             | 13       | C        | 9        | 3          |
|              |             | 13       | E        | 2        | 3          |
| <b>LY81</b>  | 1,2,3,6,7,8 | 11       | A        | 9        | 3          |
| <b>LY88</b>  | 1,2,3,6,7,8 | 20       | A        | 9        | 3          |
| <b>LZ319</b> |             | 9        | D        | 2        | 3          |
|              |             | 9        | D        | 9        | 3          |
| <b>LZ329</b> |             | 9        | D        | 2        | 3          |
|              |             | 9        | D        | 9        | 3          |
| <b>M7</b>    |             | 50       | B        | 6        | 1          |
|              |             | 50       | B        | 4        | 1          |
| <b>M8063</b> |             | 6        | E        | 1        | 4          |
| <b>M8079</b> |             | 6        | E        | 2        | 4          |
|              |             | 6        | E        | 7        | 4          |
| <b>M8080</b> | 1           | 6        | E        | 6        | 4          |
| <b>M8081</b> |             | 6        | E        | 5        | 4          |
|              |             | 6        | E        | 6        | 4          |
| <b>M8082</b> | 1,6,7       | 6        | C        | 2        | 3          |
| <b>M8083</b> |             | 6        | D        | 1        | 4          |
| <b>M8096</b> | 8           | 6        | C        | 9        | 3          |
| <b>M8100</b> | 2           | 6        | E        | 1        | 4          |
| <b>M8136</b> | 9           | 12       | D        | 2        | 3          |
|              | 9           | 12       | D        | 7        | 3          |
| <b>M8137</b> | 9           | 12       | F        | 2        | 3          |
|              | 9           | 12       | F        | 7        | 3          |
| <b>M8161</b> |             | 6        | E        | 1        | 4          |
| <b>M8162</b> | 9           | 12       | E        | 2        | 3          |
|              | 9           | 12       | E        | 7        | 3          |
| <b>M8195</b> |             | 6        | F        | 9        | 3          |
| <b>M8196</b> |             | 6        | E        | 1        | 4          |
| <b>M8212</b> |             | 6        | E        | 2        | 4          |
|              |             | 6        | E        | 7        | 4          |
| <b>M8232</b> | 5,6         | 6        | G        | 1        | 4          |
| <b>M8245</b> | 7           | 6        | C        | 1        | 4          |
| <b>MV6-5</b> |             | 6        | D        | 5        | 1          |

| <b>TUBE</b>  | <b>A</b>    | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|-------------|----------|----------|----------|------------|
| <b>N2ED</b>  | 1,3,5,7,9   | 6        | J        | 6        | 10         |
| <b>N14</b>   |             | 1        | E        | 5        | 1          |
| <b>N15</b>   |             | 3        | G        | 6        | 7          |
| <b>N16</b>   | 8           | 3        | F        | 5        | 1          |
| <b>N17</b>   | 5,6         | 3        | F        | 3        | 7          |
| <b>N18</b>   | 5,6         | 3        | F        | 3        | 7          |
| <b>N19</b>   | 5           | 3        | F        | 6        | 7          |
| <b>N22LL</b> | 1,8         | 19       | A        | 7        | 12         |
| <b>N25</b>   | 5           | 3        | G        | 6        | 7          |
| <b>N30EL</b> | 1,6,7,8,9,0 | 6        | A        | 5        | 10         |
| <b>N47</b>   |             | 6        | D        | 1        | 4          |
| <b>N63</b>   |             | 6        | B        | 5        | 1          |
| <b>N66</b>   |             | 6        | C        | 5        | 1          |
| <b>N77</b>   |             | 6        | C        | 1        | 4          |
| <b>N78</b>   |             | 6        | C        | 1        | 4          |
| <b>N119</b>  | 1,6,8       | 45       | C        | 2        | 3          |
| <b>N144</b>  |             | 6        | C        | 1        | 4          |
| <b>N147</b>  |             | 6        | F        | 5        | 1          |
| <b>N148</b>  |             | 6        | C        | b        | 9          |
| <b>N152</b>  | 1,6,8       | 21       | C        | 2        | 3          |
| <b>N153</b>  |             | 15       | C        | 2        | 3          |
| <b>N154</b>  | 6,8         | 16       | C        | 2        | 3          |
| <b>N155</b>  | 3           | 6        | C        | 2        | 3          |
| <b>N300</b>  |             | 15       | C        | 2        | 3          |
| <b>N308</b>  | 1           | 25       | C        | 5        | 1          |
| <b>N309</b>  |             | 15       | C        | 2        | 3          |
| <b>N329</b>  | 6           | 16       | C        | 2        | 3          |
| <b>N339</b>  | 1,6,7       | 21       | C        | 2        | 3          |
| <b>N359</b>  | 6,8         | 21       | C        | 2        | 3          |
| <b>N369</b>  | 6           | 16       | C        | 3        | 3          |
|              |             | 16       | E        | 1        | 3          |
| <b>N378</b>  | 1,6,8       | 15       | C        | 2        | 3          |
| <b>N379</b>  | 1,6,8       | 15       | C        | 2        | 3          |
| <b>N389</b>  | 1           | 25       | C        | 5        | 1          |
| <b>N707</b>  | 1,6,8       | 6        | C        | 2        | 3          |
| <b>N709</b>  | 1,6,8       | 6        | C        | 2        | 3          |
| <b>N727</b>  | 7           | 6        | C        | 1        | 4          |
| <b>OBC</b>   |             | 12       | F        | 2        | 2          |
|              |             | 12       | G        | 4        | 2          |
|              |             | 12       | G        | 5        | 2          |

| TUBE     | A                   | B  | C | D  | SKI |
|----------|---------------------|----|---|----|-----|
| OBC3     |                     | 12 | F | 2  | 2   |
|          |                     | 12 | G | 4  | 2   |
|          |                     | 12 | G | 5  | 2   |
| OF1      |                     | 6  | E | 10 | 1   |
| OF5      |                     | 12 | E | 10 | 1   |
| OH4      |                     | 12 | E | 5  | 1   |
| OM5      |                     | 6  | E | 10 | 1   |
| OM6      |                     | 6  | E | 10 | 1   |
| OM9      |                     | 6  | F | 5  | 1   |
| OM10     |                     | 6  | E | 5  | 1   |
| OM558    |                     | 6  | E | 1  | 4   |
| OSW2190  |                     | 6  | D | 4  | 1   |
| OSW2192  |                     | 6  | C | 4  | 1   |
| OSW2600  |                     | 6  | D | 4  | 1   |
| OSW2601  |                     | 6  | C | 4  | 1   |
| OSW3104  |                     | 6  | D | 5  | 1   |
| OSW3105  |                     | 6  | F | 2  | 2   |
|          |                     | 6  | G | 4  | 2   |
|          |                     | 6  | G | 5  | 2   |
| OSW3106  |                     | 6  | F | 5  | 1   |
| OSW3107* | 1,3,5,7             | 5  | A | 4  | 1   |
|          | 1,3,5,7             | 5  | A | 6  | 1   |
|          | Normal short 8, H-K |    |   |    |     |
| OSW3109  |                     | 6  | E | 3  | 1   |
|          |                     | 6  | E | 5  | 1   |
| OSW3111  |                     | 6  | D | 4  | 1   |
| OSW3112  |                     | 6  | E | 5  | 1   |
| OSWR190  |                     | 6  | D | 4  | 1   |
| PABC80   |                     | 9  | F | 8  | 3   |
|          |                     | 9  | G | 6  | 3   |
|          |                     | 9  | G | 2  | 3   |
|          |                     | 9  | G | 1  | 3   |
| PC86     | 3                   | 4  | E | 6  | 8   |
| PC88     | 3,6,7,8             | 6  | D | 1  | 3   |
| PC95     | 7                   | 4  | E | 2  | 4   |
| PC97     | 1                   | 4  | E | 2  | 4   |
| PC200    |                     | 8  | D | 3  | 11  |
|          |                     | 8  | E | 5  | 11  |
| PC800    | 2                   | 4  | E | 1  | 4   |
| PC900    | 2                   | 4  | E | 1  | 4   |
| PCC84    | 8                   | 7  | E | 2  | 3   |
|          | 8                   | 7  | E | 6  | 3   |

| TUBE   | A | B  | C | D  | SKT |
|--------|---|----|---|----|-----|
| PCC85  |   | 9  | E | 2  | 3   |
|        |   | 9  | E | 7  | 3   |
| PCC88  |   | 7  | D | 2  | 3   |
|        |   | 7  | D | 7  | 3   |
| PCC89  | 7 | 7  | D | 2  | 3   |
|        | 7 | 7  | D | 6  | 3   |
| PCC186 | 9 | 7  | D | 2  | 3   |
|        | 9 | 7  | D | 7  | 3   |
| PCC189 |   | 7  | E | 2  | 3   |
|        |   | 7  | E | 7  | 3   |
| PCC805 | 7 | 7  | E | 2  | 3   |
|        | 7 | 7  | E | 6  | 3   |
| PCF80  |   | 9  | D | 2  | 3   |
|        |   | 9  | D | 9  | 3   |
| PCF82  |   | 9  | D | 2  | 3   |
|        |   | 9  | D | 9  | 3   |
| PCF86  |   | 8  | D | 2  | 3   |
|        |   | 8  | E | 6  | 3   |
| PCF200 |   | 8  | D | 3  | 11  |
|        |   | 8  | E | 10 | 11  |
| PCF201 |   | 8  | D | 3  | 11  |
|        |   | 8  | D | 10 | 11  |
| PCF801 | 3 | 8  | D | 2  | 3   |
|        | 3 | 8  | E | 9  | 3   |
| PCF802 |   | 9  | D | 9  | 3   |
|        |   | 9  | C | 2  | 3   |
| PCF805 | 6 | 7  | E | 9  | 3   |
|        | 6 | 7  | D | 7  | 3   |
| PCF806 | 3 | 8  | D | 2  | 3   |
|        | 3 | 8  | E | 9  | 3   |
| PCH200 |   | 9  | D | 8  | 11  |
|        |   | 9  | E | 3  | 11  |
| PCL82  |   | 16 | C | 3  | 3   |
|        |   | 16 | E | 1  | 3   |
| PCL83  |   | 12 | C | 9  | 3   |
|        |   | 12 | G | 2  | 3   |
| PCL84  |   | 15 | D | 1  | 3   |
|        |   | 15 | D | 8  | 3   |
| PCL85  |   | 18 | C | 9  | 3   |
|        |   | 18 | E | 2  | 3   |
| PCL86  |   | 14 | C | 8  | 3   |
|        |   | 14 | G | 1  | 3   |

| TUBE   | A           | B  | C | D  | SKT |
|--------|-------------|----|---|----|-----|
| PCL88  |             | 16 | C | 3  | 3   |
|        |             | 16 | F | 1  | 3   |
| PCL800 |             | 16 | C | 3  | 3   |
|        |             | 16 | F | 1  | 3   |
| PCL801 |             | 13 | C | 9  | 3   |
|        |             | 13 | E | 2  | 3   |
| PD500  | 2,3,6,7,9   | 9  | G | 8  | 12  |
| PF4    |             | 6  | E | 5  | 1   |
| PF9    |             | 6  | E | 10 | 1   |
| PF86   |             | 4  | F | 9  | 3   |
| PF818  | 3           | 7  | E | 2  | 3   |
| PFL200 |             | 16 | D | 1  | 11  |
|        |             | 16 | C | 8  | 11  |
| PH4    |             | 6  | E | 5  | 1   |
| PL36   | 1           | 25 | C | 5  | 1   |
| PL81   | 1           | 22 | C | 2  | 3   |
| PL82   | 6           | 16 | C | 2  | 3   |
| PL83   |             | 15 | C | 2  | 3   |
| PL84   | 1,6,8       | 15 | C | 2  | 3   |
| PL86   |             | 14 | C | 8  | 3   |
|        |             | 14 | G | 1  | 3   |
| PL87   | 6,8         | 16 | C | 2  | 3   |
| PL302  | 1           | 25 | C | 5  | 1   |
| PL500  | 6,7,8       | 27 | A | 1  | 12  |
| PL505  | 6,7,8       | 40 | A | 1  | 12  |
| PL508  | 3,6,7,8     | 17 | B | 1  | 12  |
| PL509  | 6,7,8       | 40 | A | 1  | 12  |
| PL521  | 7           | 15 | A | 8  | 12  |
| PL801  | 1           | 12 | C | 2  | 3   |
| PL820  | 1,6,7       | 21 | C | 2  | 3   |
| PLL80  |             | 12 | C | 2  | 3   |
|        |             | 12 | C | 6  | 3   |
| PM95   |             | 6  | D | 1  | 4   |
| PM04   |             | 6  | D | 1  | 4   |
| PM05   | 2           | 6  | E | 1  | 4   |
| PM07   |             | 6  | D | 1  | 4   |
| PP6BG  |             | 6  | F | 5  | 1   |
| PY32   | 3           | 29 | A | 5  | 1   |
| PY33   | 3           | 29 | A | 5  | 1   |
| PY80   | 1,2,6,7,8   | 19 | A | 9  | 3   |
| PY81   | 1,2,3,6,7,8 | 17 | A | 9  | 3   |
| PY82   | 1,2,6,7,8   | 19 | A | 9  | 3   |
| PY83   | 1,2,3,6,7,8 | 17 | A | 9  | 3   |

| <b>TUBE</b> | <b>A</b>    | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-------------|-------------|----------|----------|----------|------------|
| PY88        | 1,2,3,6,7,8 | 30       | A        | 9        | 3          |
| PY301       |             | 19       | A        | 5        | 2          |
| PY500       | 7,8         | 42       | A        | 2        | 12         |
| PY800       | 1,2,3,6,7,8 | 19       | A        | 9        | 3          |
| PY801       |             | 19       | A        | 9        | 3          |
| QA2400      |             | 6        | E        | 1        | 4          |
| QA2401      | 1           | 6        | E        | 6        | 4          |
| QA2402      |             | 6        | D        | 1        | 4          |
| QA2403      |             | 6        | E        | 1        | 4          |
| QA2404      |             | 6        | E        | 2        | 4          |
|             |             | 6        | E        | 7        | 4          |
| QA2406      | 9           | 12       | E        | 2        | 3          |
|             | 9           | 12       | E        | 7        | 3          |
| QA2407      |             | 6        | B        | 1        | 4          |
|             |             | 6        | B        | 6        | 4          |
| QA2408      |             | 6        | E        | 1        | 2          |
|             |             | 6        | E        | 4        | 2          |
| QB65        |             | 6        | E        | 1        | 2          |
|             |             | 6        | E        | 4        | 2          |
| QB309       | 9           | 12       | E        | 2        | 3          |
|             | 9           | 12       | E        | 7        | 3          |
| QB329       | 9           | 12       | D        | 2        | 3          |
|             | 9           | 12       | D        | 7        | 3          |
| QB339       | 9           | 12       | F        | 2        | 3          |
|             | 9           | 12       | F        | 7        | 3          |
| QE03/10     | 8           | 6        | C        | 9        | 3          |
| QE05/40     | 4,6         | 6        | C        | 5        | 1          |
| QL77        | 1,5         | 6        | E        | 6        | 4          |
| QM328       | 3,8,9       | 6        | C        | 2        | 3          |
| QM556       |             | 6        | B        | 1        | 4          |
|             |             | 6        | B        | 6        | 4          |
| QM557       | 2           | 6        | D        | 1        | 4          |
| QM558       |             | 6        | E        | 1        | 4          |
| QM559       |             | 6        | E        | 2        | 4          |
|             |             | 6        | E        | 7        | 4          |
| QQE02/5     | 9           | 12       | C        | 1        | 3          |
|             | 9           | 12       | C        | 3        | 3          |
| QQE03/12    | 9           | 12       | C        | 1        | 3          |
|             | 9           | 12       | C        | 3        | 3          |
| QQV02-6     | 9           | 12       | C        | 1        | 3          |
|             | 9           | 12       | C        | 3        | 3          |

| <b>TUBE</b>                             | <b>A</b>      | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|-----------------------------------------|---------------|----------|----------|----------|------------|
| <b>QQV03-10</b>                         | 9             | 12       | C        | 1        | 3          |
|                                         | 9             | 12       | C        | 3        | 3          |
| <b>QS2404</b>                           |               | 6        | E        | 2        | 3          |
|                                         |               | 6        | E        | 7        | 3          |
| <b>QS2406</b>                           | 9             | 12       | E        | 2        | 3          |
|                                         | 9             | 12       | E        | 7        | 3          |
| <b>QV03-12</b>                          | 8             | 6        | C        | 9        | 3          |
| <b>QV06-20</b>                          | 4,6           | 6        | C        | 5        | 1          |
| <b>QW77</b>                             |               | 6        | E        | 1        | 4          |
| <b>QZ77</b>                             |               | 6        | E        | 1        | 4          |
| <b>RZ</b>                               |               | 2        | F        | 5        | 1          |
| <b>R3</b>                               |               | 1        | F        | 6        | 7          |
| <b>R12</b>                              |               | 6        | J        | 10       | 3          |
| Insert leads into pins 1&5, use top cap |               |          |          |          |            |
| <b>R16</b>                              |               | 1        | H        | 10       | 4          |
| Insert leads into pins 1&5, use top cap |               |          |          |          |            |
| <b>R17</b>                              | 1,2,3,6,7,8,9 | 6        | A        | 10       | 8          |
| <b>R18</b>                              | 1,2,3,6,7,8,9 | 6        | A        | 10       | 8          |
| <b>R19</b>                              | 1,2,3,6,7,8,9 | 1        | H        | 10       | 8          |
| <b>R20</b>                              | 1,2,3,6,7,8,9 | 2        | H        | 10       | 8          |
| <b>R52*</b>                             | 1,3,5,7       | 5        | A        | 4        | 1          |
|                                         | 1,3,5,7       | 5        | A        | 6        | 1          |
| Normal short 8, H-K                     |               |          |          |          |            |
| <b>R144</b>                             |               | 6        | E        | 1        | 4          |
| <b>RE1</b>                              |               | 5        | A        | 4        | 1          |
|                                         |               | 5        | A        | 6        | 1          |
| Normal short 8, H-K                     |               |          |          |          |            |
| <b>RL16</b>                             |               | 6        | E        | 6        | 4          |
| <b>RL18</b>                             |               | 6        | E        | 6        | 4          |
| <b>RS2*</b>                             | 1,3,5,7       | 5        | A        | 4        | 1          |
|                                         | 1,3,5,7       | 5        | A        | 6        | 1          |
| Normal short 8, H-K                     |               |          |          |          |            |
| <b>RS1029</b>                           | 9             | 12       | C        | 1        | 3          |
|                                         | 9             | 12       | C        | 3        | 3          |
| <b>S6F12</b>                            |               | 6        | E        | 1        | 4          |
| <b>SP6</b>                              |               | 6        | D        | 1        | 4          |
| <b>SU61</b>                             |               | 6        | J        | 10       | 3          |
| Insert leads into pins 1&5, use top cap |               |          |          |          |            |
| <b>T2M05</b>                            |               | 6        | E        | 5        | 4          |
|                                         |               | 6        | E        | 6        | 4          |
| <b>TD24</b>                             | 9             | 12       | C        | 1        | 3          |
|                                         | 9             | 12       | C        | 3        | 3          |

| <b>TUBE</b>   | <b>A</b>                                | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|-----------------------------------------|----------|----------|----------|------------|
| <b>TE5</b>    |                                         | 6        | B        | 3        | 1          |
|               |                                         | 6        | B        | 5        | 1          |
| <b>TE8</b>    |                                         | 6        | F        | 5        | 1          |
| <b>TE10</b>   | 1,2,4,6                                 | 6        | A        | 5        | 2          |
| <b>TE22</b>   | 1,3,5,7                                 | 5        | A        | 4        | 1          |
|               | 1,3,5,7                                 | 5        | A        | 6        | 1          |
|               | Normal short 8, H-K                     |          |          |          |            |
| <b>TE45</b>   | 1,3,5,7                                 | 5        | A        | 4        | 1          |
|               | 1,3,5,7                                 | 5        | A        | 6        | 1          |
|               | Normal short 8, H-K                     |          |          |          |            |
| <b>TJ-880</b> | 3,6                                     | 6        | C        | 2        | 3          |
| <b>TM12</b>   |                                         | 6        | F        | 10       | 1          |
| <b>TS229</b>  | 8                                       | 12       | D        | 2        | 3          |
|               | 8                                       | 12       | D        | 7        | 3          |
| <b>TT23</b>   | 9                                       | 12       | C        | 1        | 3          |
|               | 9                                       | 12       | C        | 3        | 3          |
| <b>TT24</b>   | 9                                       | 12       | C        | 1        | 3          |
|               |                                         | 12       | C        | 3        | 3          |
| <b>TTZ63</b>  |                                         | 6        | F        | 10       | 1          |
| <b>U26</b>    | 1,2,3,6,7,8,9                           | 6        | H        | 10       | 8          |
| <b>U31</b>    | 1,3,4,6                                 | 25       | B        | 5        | 1          |
| <b>U37</b>    | 5                                       | 1        | F        | 6        | 7          |
| <b>U41</b>    | 1,3,4,5,6,8                             | 1        | H        | 10       | 1          |
| <b>U43</b>    |                                         | 6        | J        | 10       | 3          |
|               | Insert leads into pins 1&5, use top cap |          |          |          |            |
| <b>U49</b>    | 1                                       | 6        | H        | 10       | 8          |
| <b>U50</b>    |                                         | 5        | B        | 4        | 1          |
|               |                                         | 5        | B        | 6        | 1          |
| <b>U51*</b>   | 1,3,5,7                                 | 5        | B        | 4        | 1          |
|               | 1,3,5,7                                 | 5        | B        | 6        | 1          |
|               | Normal short 8, H-K                     |          |          |          |            |
| <b>U52</b>    |                                         | 5        | A        | 4        | 1          |
|               |                                         | 5        | A        | 6        | 1          |
| <b>U54</b>    | 1,3,5,7                                 | 5        | A        | 4        | 1          |
|               | 1,3,5,7                                 | 5        | A        | 6        | 1          |
|               | Normal short 8, H-K                     |          |          |          |            |
| <b>U70</b>    |                                         | 6        | B        | 3        | 1          |
|               |                                         | 6        | B        | 5        | 1          |
| <b>U74</b>    |                                         | 35       | B        | 5        | 1          |
| <b>U76</b>    |                                         | 35       | B        | 5        | 1          |

| TUBE                | A           | B  | C | D | SKT |
|---------------------|-------------|----|---|---|-----|
| U77*                | 1           | 5  | A | 4 | 1   |
|                     | 1           | 5  | A | 6 | 1   |
| Normal short 8, H-K |             |    |   |   |     |
| U78                 |             | 6  | B | 1 | 4   |
| U82                 | 4           | 6  | B | 3 | 9   |
|                     | 4           | 6  | B | 6 | 9   |
| U119                | 1,2,6,7,8   | 38 | A | 9 | 3   |
| U147                |             | 6  | B | 3 | 1   |
|                     |             | 6  | B | 5 | 1   |
| U149                | 4           | 6  | B | 3 | 9   |
|                     | 4           | 6  | B | 6 | 9   |
| U151                |             | 6  | B | 1 | 4   |
|                     |             | 6  | B | 6 | 4   |
| U152                | 1,2,6,7,8   | 19 | A | 9 | 3   |
| U153                | 1,2,3,6,7,8 | 17 | A | 9 | 3   |
| U154                | 1,2,6,7,8   | 19 | A | 9 | 3   |
| U191                |             | 19 | A | 5 | 2   |
| U192                | 1,2,6,7,8   | 19 | A | 9 | 3   |
| U193                | 1,2,3,6,7,8 | 17 | A | 9 | 3   |
| U251                | 1,2,3,6,7,8 | 25 | A | 9 | 3   |
| U291                | 4,5,6       | 29 | A | 3 | 1   |
| U309                | 1,2,6,7,8   | 20 | A | 9 | 3   |
| U319                |             | 20 | A | 9 | 3   |
| U329                | 1,2,3,6,7,8 | 25 | A | 9 | 3   |
| U339                |             | 19 | A | 5 | 2   |
| U349                | 1,2,3,6,7,8 | 17 | A | 9 | 3   |
| U381                | 1,2,6,7,8   | 38 | A | 9 | 3   |
| U707                |             | 6  | B | 1 | 4   |
|                     |             | 6  | B | 6 | 4   |
| U709                | 6           | 6  | A | 1 | 8   |
|                     | 6           | 6  | A | 7 | 8   |
| U4020               |             | 2  | F | 5 | 1   |
| UABC80              |             | 28 | F | 8 | 3   |
|                     |             | 28 | G | 6 | 3   |
|                     |             | 28 | G | 2 | 3   |
|                     |             | 28 | G | 1 | 3   |
| UAVC80              |             | 28 | F | 8 | 3   |
|                     |             | 28 | G | 6 | 3   |
|                     |             | 28 | G | 2 | 3   |
|                     |             | 28 | G | 1 | 3   |

| <b>TUBE</b>  | <b>A</b>  | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|-----------|----------|----------|----------|------------|
| <b>UBC41</b> | 4         | 14       | F        | 6        | 9          |
|              | 4         | 14       | G        | 5        | 9          |
|              | 4         | 14       | G        | 3        | 9          |
| <b>UBC80</b> | 9         | 14       | F        | 2        | 3          |
|              | 9         | 14       | G        | 6        | 3          |
|              | 9         | 14       | G        | 8        | 3          |
| <b>UBC81</b> | 9         | 14       | F        | 2        | 3          |
|              | 9         | 14       | G        | 6        | 3          |
|              | 9         | 14       | G        | 8        | 3          |
| <b>UBF80</b> |           | 17       | F        | 2        | 3          |
|              |           | 17       | G        | 7        | 3          |
|              |           | 17       | G        | 8        | 3          |
| <b>UBF89</b> |           | 19       | E        | 2        | 3          |
|              |           | 19       | G        | 7        | 3          |
|              |           | 19       | G        | 8        | 3          |
| <b>UC92</b>  | 2         | 9        | E        | 6        | 4          |
| <b>UCC85</b> |           | 26       | D        | 2        | 3          |
|              |           | 26       | D        | 7        | 3          |
| <b>UCF80</b> |           | 27       | D        | 2        | 3          |
|              |           | 27       | D        | 9        | 3          |
| <b>UCH80</b> |           | 14       | D        | 2        | 3          |
|              |           | 14       | F        | 9        | 3          |
| <b>UCH81</b> |           | 19       | E        | 2        | 3          |
|              |           | 19       | F        | 9        | 3          |
| <b>UCL82</b> |           | 50       | C        | 3        | 3          |
|              |           | 50       | E        | 1        | 3          |
| <b>UCL83</b> |           | 38       | C        | 9        | 3          |
|              |           | 38       | E        | 2        | 3          |
| <b>UCL86</b> |           | 43       | C        | 8        | 3          |
|              |           | 43       | F        | 1        | 3          |
| <b>UF80</b>  | 1         | 19       | D        | 2        | 3          |
| <b>UF85</b>  | 1         | 19       | D        | 2        | 3          |
| <b>UF86</b>  | 2         | 12       | D        | 9        | 3          |
| <b>UF89</b>  | 6         | 12       | D        | 2        | 3          |
| <b>UL84</b>  | 1,6,8     | 45       | C        | 2        | 3          |
| <b>UR1C</b>  |           | 2        | F        | 5        | 1          |
| <b>UU12</b>  | 6         | 6        | A        | 1        | 8          |
|              | 6         | 6        | A        | 7        | 8          |
| <b>UY82</b>  | 1,2,6,7,8 | 50       | A        | 9        | 3          |
| <b>UY85</b>  | 1,2,6,7,8 | 38       | A        | 9        | 3          |
| <b>UY89</b>  | 1,2,6,7,8 | 31       | A        | 9        | 3          |

| <b>TUBE</b>  | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|--------------|----------|----------|----------|----------|------------|
| <b>V2M70</b> |          | 6        | B        | 1        | 4          |
|              |          | 6        | B        | 6        | 4          |
| <b>V86</b>   |          | 6        | D        | 1        | 4          |
| <b>V177</b>  |          | 6        | E        | 1        | 4          |
| <b>V741</b>  | 1        | 6        | E        | 6        | 4          |
| <b>V884</b>  |          | 6        | E        | 1        | 4          |
| <b>V886</b>  |          | 6        | D        | 1        | 4          |
| <b>VP6</b>   |          | 6        | F        | 1        | 4          |
| <b>VP12D</b> |          | 12       | F        | 10       | 1          |
|              |          | 12       | G        | 5        | 1          |
|              |          | 12       | G        | 4        | 1          |
| <b>W17</b>   | 5        | 1        | F        | 6        | 7          |
| <b>W25</b>   | 5        | 1        | G        | 6        | 7          |
| <b>W26</b>   | 5        | 1        | G        | 6        | 7          |
| <b>W61</b>   |          | 6        | E        | 10       | 1          |
| <b>W63</b>   |          | 6        | E        | 10       | 1          |
| <b>W76</b>   |          | 12       | E        | 10       | 1          |
| <b>W77</b>   |          | 6        | E        | 1        | 4          |
| <b>W81</b>   |          | 6        | E        | 6        | 9          |
| <b>W110</b>  | 3        | 13       | D        | 1        | 3          |
| <b>W119</b>  | 3        | 13       | D        | 1        | 3          |
| <b>W143</b>  |          | 6        | E        | 6        | 9          |
| <b>W147</b>  |          | 6        | E        | 10       | 1          |
| <b>W148</b>  |          | 6        | E        | 6        | 9          |
| <b>W149</b>  |          | 6        | E        | 6        | 9          |
| <b>W179</b>  |          | 6        | D        | 2        | 3          |
| <b>W719</b>  |          | 6        | C        | 1        | 2          |
|              |          | 6        | C        | 4        | 2          |
| <b>W727</b>  |          | 6        | D        | 1        | 4          |
| <b>W739</b>  | 3        | 6        | D        | 1        | 3          |
| <b>W0119</b> |          | 19       | E        | 2        | 3          |
|              |          | 19       | G        | 7        | 3          |
|              |          | 19       | G        | 8        | 3          |
| <b>WD709</b> |          | 6        | F        | 2        | 3          |
|              |          | 6        | G        | 7        | 3          |
|              |          | 6        | G        | 8        | 3          |
| <b>X14</b>   |          | 1        | G        | 5        | 1          |
| <b>X17</b>   | 5        | 1        | F        | 4        | 7          |
| <b>X18</b>   |          | 1        | F        | 4        | 7          |
| <b>X20</b>   |          | 1        | F        | 4        | 7          |
| <b>X25</b>   |          | 1        | F        | 4        | 7          |
| <b>X61M</b>  |          | 6        | E        | 5        | 1          |

| <b>TUBE</b>   | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|----------|----------|----------|----------|------------|
| <b>X63</b>    |          | 6        | E        | 5        | 1          |
| <b>X64</b>    | 5        | 6        | E        | 10       | 1          |
| <b>X65</b>    |          | 6        | E        | 5        | 1          |
| <b>X66</b>    |          | 6        | E        | 5        | 1          |
| <b>X71M</b>   |          | 12       | E        | 5        | 1          |
| <b>X73M</b>   |          | 6        | E        | 5        | 1          |
| <b>X75</b>    |          | 12       | E        | 5        | 1          |
| <b>X76M</b>   |          | 12       | E        | 5        | 1          |
| <b>X77</b>    |          | 6        | D        | 1        | 4          |
| <b>X79</b>    |          | 6        | E        | 2        | 3          |
|               |          | 6        | F        | 7        | 3          |
| <b>X81</b>    |          | 6        | D        | 6        | 9          |
|               |          | 6        | E        | 4        | 9          |
| <b>X107</b>   |          | 18       | E        | 1        | 4          |
| <b>X119</b>   |          | 19       | E        | 2        | 3          |
|               |          | 19       | F        | 9        | 3          |
| <b>X147</b>   |          | 6        | D        | 10       | 1          |
| <b>X148</b>   |          | 6        | D        | 6        | 9          |
|               |          | 6        | E        | 4        | 9          |
| <b>X150</b>   | 8        | 6        | F        | 1        | 10         |
|               | 8        | 6        | F        | 7        | 10         |
|               | 8        | 6        | F        | 9        | 10         |
| <b>X155</b>   |          | 6        | E        | 2        | 3          |
|               |          | 6        | E        | 7        | 3          |
| <b>X719</b>   |          | 6        | E        | 2        | 3          |
|               |          | 6        | E        | 9        | 3          |
| <b>X727</b>   |          | 6        | D        | 1        | 4          |
| <b>X729</b>   |          | 6        | F        | 9        | 3          |
| <b>X6030</b>  | 4        | 3        | G        | 5        | 1          |
| <b>XAA91</b>  |          | 3        | E        | 2        | 4          |
|               |          | 3        | E        | 7        | 4          |
| <b>XB91</b>   |          | 6        | E        | 2        | 4          |
|               |          | 6        | E        | 7        | 4          |
| <b>XC95</b>   | 7        | 2        | E        | 2        | 4          |
| <b>XC97</b>   | 1        | 2        | E        | 2        | 4          |
| <b>XC900</b>  | 2        | 2        | E        | 1        | 4          |
| <b>XCC82</b>  | 9        | 7        | D        | 2        | 3          |
|               | 9        | 7        | D        | 7        | 3          |
| <b>XCC189</b> |          | 4        | D        | 2        | 3          |
|               |          | 4        | D        | 7        | 3          |

| <b>TUBE</b>   | <b>A</b>    | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|-------------|----------|----------|----------|------------|
| <b>XCE801</b> | 3           | 4        | D        | 2        | 3          |
|               | 3           | 4        | E        | 9        | 3          |
| <b>XCF80</b>  |             | 4        | D        | 2        | 3          |
|               |             | 4        | D        | 9        | 3          |
| <b>XCF82</b>  |             | 5        | D        | 2        | 3          |
|               |             | 5        | D        | 9        | 3          |
| <b>XCF801</b> | 3           | 4        | D        | 2        | 3          |
|               | 3           | 4        | E        | 9        | 3          |
| <b>XCH81</b>  |             | 3        | E        | 2        | 3          |
|               |             | 3        | F        | 9        | 3          |
| <b>XCL82</b>  |             | 8        | C        | 3        | 3          |
|               |             | 8        | F        | 1        | 3          |
| <b>XCL84</b>  |             | 8        | D        | 8        | 3          |
|               |             | 8        | F        | 1        | 3          |
| <b>XCL85</b>  |             | 9        | C        | 9        | 3          |
|               |             | 9        | E        | 2        | 3          |
| <b>XF80</b>   | 1           | 3        | D        | 2        | 3          |
| <b>XF85</b>   | 3           | 3        | D        | 2        | 3          |
| <b>XF86</b>   |             | 2        | F        | 9        | 3          |
| <b>XF94</b>   |             | 3        | D        | 1        | 4          |
| <b>XF183</b>  | 3           | 3        | D        | 2        | 3          |
| <b>XF184</b>  | 3           | 3        | D        | 2        | 3          |
| <b>XL36</b>   | 1,3         | 13       | A        | 5        | 1          |
| <b>XL82</b>   |             | 8        | C        | 3        | 3          |
|               |             | 8        | F        | 1        | 3          |
| <b>XL84</b>   | 1,6,8       | 8        | C        | 2        | 3          |
| <b>XL86</b>   | 1,6,8       | 8        | C        | 2        | 3          |
| <b>XL500</b>  | 2,7,8,9     | 13       | A        | 1        | 12         |
| <b>XXA91</b>  |             | 3        | E        | 2        | 4          |
|               |             | 3        | E        | 7        | 4          |
| <b>XXB</b>    | 7           | 3        | F        | 4        | 9          |
|               | 7           | 3        | F        | 5        | 9          |
| <b>XXD</b>    |             | 14       | E        | 4        | 9          |
|               |             | 14       | E        | 5        | 9          |
| <b>XXFM</b>   |             | 6        | F        | 3        | 9          |
|               |             | 6        | G        | 5        | 9          |
|               |             | 6        | G        | 6        | 9          |
| <b>XXL</b>    | 5           | 6        | E        | 6        | 9          |
| <b>XY88</b>   | 1,2,3,6,7,8 | 16       | A        | 9        | 3          |
| <b>YC95</b>   | 7           | 3        | E        | 2        | 4          |
| <b>YC97</b>   | 1           | 3        | E        | 2        | 4          |

| <b>TUBE</b>   | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>SKT</b> |
|---------------|----------|----------|----------|----------|------------|
| <b>YCC189</b> |          | 5        | E        | 2        | 3          |
|               |          | 5        | E        | 7        | 3          |
| <b>YCF86</b>  | 3        | 5        | D        | 2        | 3          |
|               | 3        | 5        | D        | 6        | 3          |
| <b>YCL84</b>  |          | 10       | D        | 8        | 3          |
|               |          | 10       | F        | 1        | 3          |
| <b>YF183</b>  | 1        | 4        | D        | 2        | 3          |
| <b>YF184</b>  | 1        | 4        | D        | 2        | 3          |
| <b>YL</b>     | 1,6,8    | 10       | C        | 2        | 3          |
| <b>YL84</b>   | 1,6,8    | 10       | C        | 2        | 3          |
| <b>YL86</b>   | 1,6,8    | 10       | C        | 2        | 3          |
| <b>YL1370</b> | 4,6,8    | 6        | C        | 5        | 1          |
| <b>YL1371</b> | 4,6,8    | 13       | B        | 5        | 1          |
| <b>YL1372</b> | 4,6,8    | 26       | C        | 5        | 1          |
| <b>Z14</b>    |          | 1        | F        | 10       | 1          |
| <b>Z63</b>    |          | 6        | F        | 10       | 1          |
| <b>Z77</b>    |          | 6        | D        | 1        | 4          |
| <b>Z150</b>   | 8        | 6        | F        | 1        | 10         |
|               | 8        | 6        | F        | 7        | 10         |
|               | 8        | 6        | F        | 9        | 10         |
| <b>Z152</b>   |          | 6        | D        | 2        | 3          |
| <b>Z179</b>   |          | 6        | D        | 2        | 3          |
| <b>Z329</b>   | 3        | 7        | E        | 2        | 3          |
| <b>Z719</b>   |          | 6        | D        | 2        | 3          |
| <b>Z729</b>   | 2        | 6        | F        | 9        | 3          |
| <b>Z749</b>   | 1        | 6        | D        | 2        | 3          |
| <b>Z1494</b>  | 2        | 6        | D        | 1        | 4          |
| <b>Z1751</b>  |          | 6        | E        | 2        | 4          |
|               |          | 6        | E        | 7        | 4          |
| <b>ZD17</b>   |          | 1        | G        | 6        | 7          |
|               |          | 1        | H        | 3        | 7          |
| <b>ZD25</b>   |          | 1        | G        | 6        | 7          |
|               |          | 1        | H        | 3        | 7          |
| <b>ZD152</b>  |          | 6        | F        | 2        | 3          |
|               |          | 6        | G        | 7        | 3          |
|               |          | 6        | G        | 8        | 3          |