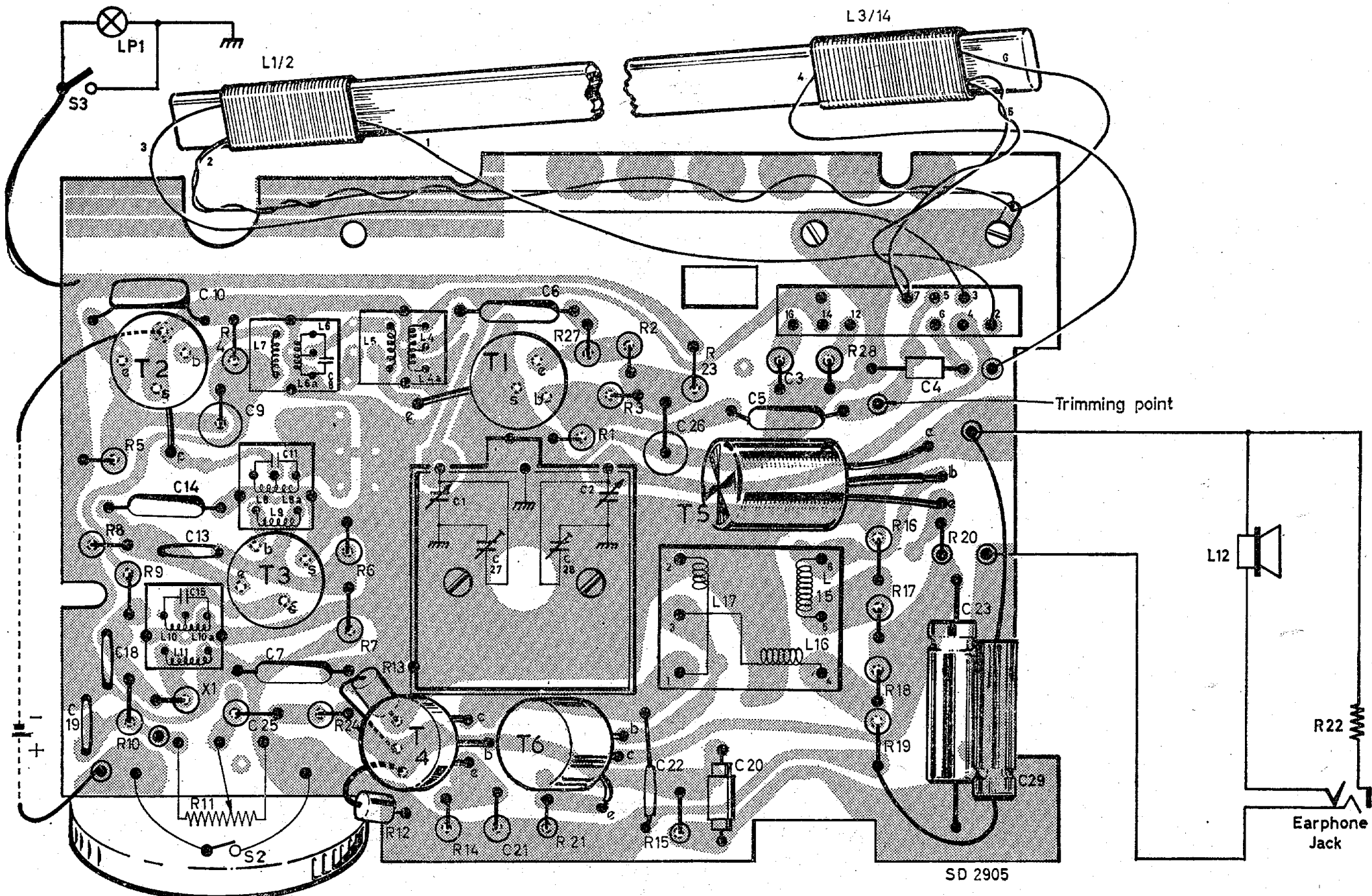


General Description: Six-transistor, M.W./L.W. portable receiver. 6-volt battery (4×1.5 -volt cells. LPU11 or equivalent). Consumption 9–15 mA.

Semi-conductors: (T₁, T₂, T₃) AF117; (T₄) OC81D; (T₅, T₆) OC81; (X₁) OA70.

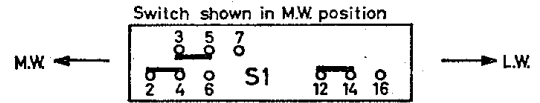
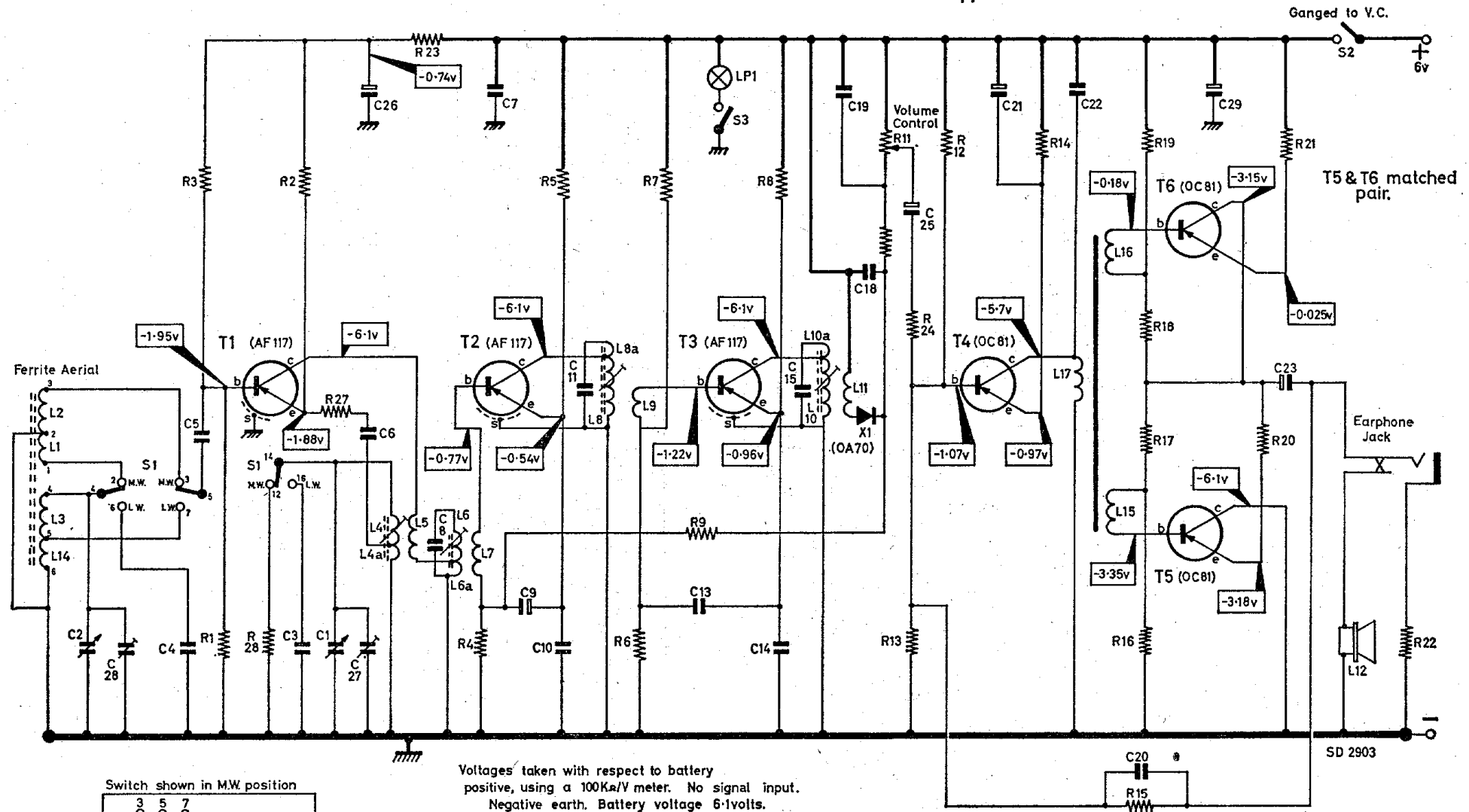
Alignment: I.F. 470 kc/s. (L₁₀, L₈, L₆); L.W. 148 kc/s. (L₄); 190 kc/s. (L₃/L₁₄); M.W. 1630 kc/s. (C₂₇); 525 kc/s. (L₁/L₂); 1300 kc/s. (28).

Dismantling: To uncase, remove battery cover. Then take out batteries. Slacken off the two screws one either side of battery compartment and press down screw heads to release brackets clamping the case together. Lay receiver, loudspeaker grille down, then ease and raise back half of case to a vertical position hinging on the station scale. The component side of the printed panel is now accessible. For access to underside of printed panel and to tuning drive, unscrew fixing nut of earphone plug socket, then ease station scale hinge-wise to free retaining lugs from front half of case. Remove the four screws securing tuning drive bracket and printed panel to front half of case and lift assembly from casing, captive only by the battery and loudspeaker connecting leads which may now be unsoldered.



COMPONENT LAY-OUT

CIRCUIT DIAGRAM OF PHILIPS MODEL L2G47T



<p><i>Capacitors.</i></p> <p>C3 154 pF. C4 56 pF. C5 10,000 pF. C6 22,000 pF. C7 47,000 pF. C8 150 pF. C9 40 μF.</p>	<p>C10 47,000 pF. C11 150 pF. C13 10,000 pF. C14 47,000 pF. C15 150 pF. C18 10,000 pF. C19 10,000 pF. C20 82 pF. C21 80 μF.</p>	<p>C22 10,000 pF. C23 200 μF. C25 6·4 μF. C26 25 μF. C29 200 μF.</p> <p style="text-align: center;"><i>Resistors.</i></p> <p>R1 22,000 R2 1,000</p>	<p>R3 6,800 R4 82,000 R5 470 R6 15,000 R7 3,900 R8 1,000 R9 12,000 R10 470 R11 5,000</p>	<p>R12 10,000 R13 47,000 R14 470 R15 0·39M R16 1,500 R17 100 R18 1,500 R19 100 R20 4·7</p>	<p>R21* 4·7 R22 3,300 R23 560 R24 820 R27 56 R28 0·18M</p> <p style="text-align: right;">* Some sets 3·3.</p>
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