VIEWFINDER CABLE

COMPENSATION BOARD

LDK 4803/00

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VIEWFINDER - CABLE COMPENSATION

A. CIRCUIT DESCRIPTION

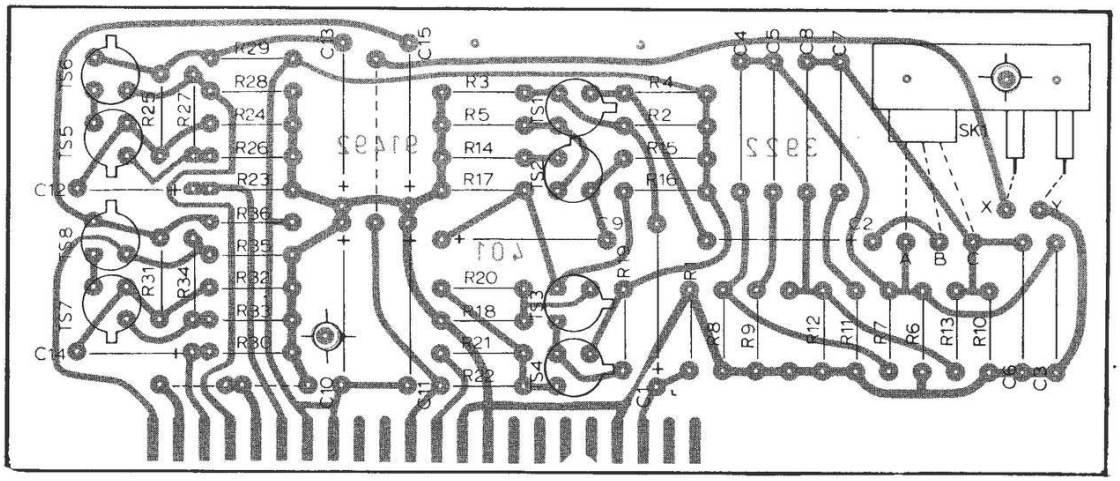
The unit corrects deviations of the video-signal for the viewfinder, caused by the use of a 600 or 1000 m camera cable, Felten and Guillaume, type 736. The video-signal is corrected by the filters in the emitter circuit of TS1. In position 0-300 m there is no correction because this is already effected in the MON X module. Inverter stage TS2 drives output amplifier TS3-4. This amplifier supplies the signal to two outputs. H- and S-pulses are generated in the pulse-module in the C.C.U. Via the camera cable, the pulses are applied to the two identical amplifiers TS5-6 and TS7-8. The output of the H-pulse amplifier si connected to the scan failure and test generator board and the blanking and parabola generator; the output of the S-pulse amplifier is connected to the viewfinder.

B. SERVICE PARTS

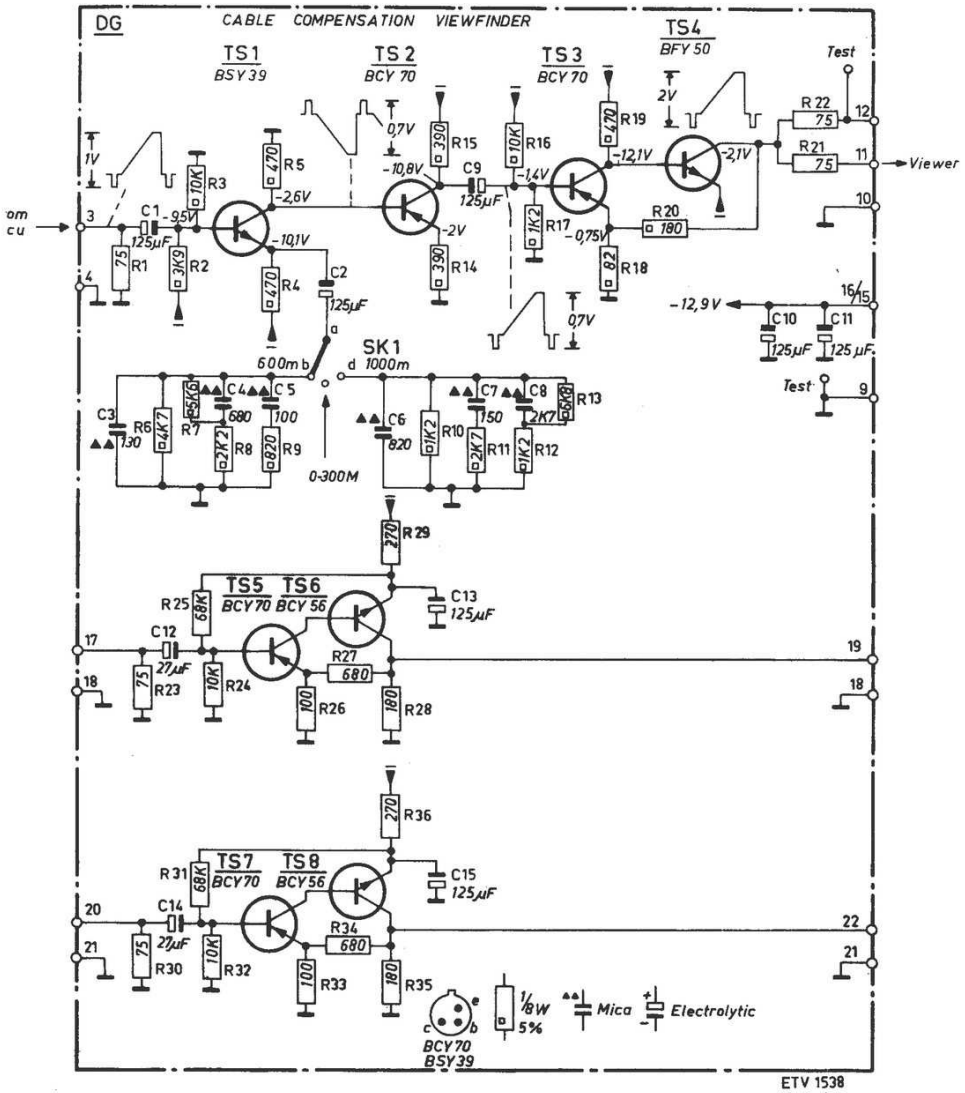
1. Mechanical

| | | |
|---|---|---|
| | Spacer for transistors | 4822 255 40006 |
| | Test socket (yellow) | 4822 267 30176 |
| | Test socket (black) | 4822 267 30185 |

| 2. Electrical | | 2. Elektrisches |
|---|---|---|
| TS1 | BSY39 Silicon transistor NPN | 4822 130 40125 |
| TS2-3-5-7 | BCY70 Silicon transistor PNP | 4822 130 40324 |
| TS4 | BFY50 Silicon transistor NPN | 4822 130 40294 |
| TS6-8 | BCY56 Silicon transistor NPN | 4822 130 40325 |
| C1-2-9-10-11-13-15 | Electrolytic capacitor 125 $\mu$F - 16 V | 4822 124 20388 |
| C12-14 | Electrolytic capacitor 27 $\mu$F - 10 V | 4822 124 10079 |
| R1-21-22-23-30 | Precision resistor 75 $\Omega$ - 1 % | 4822 111 20002 |

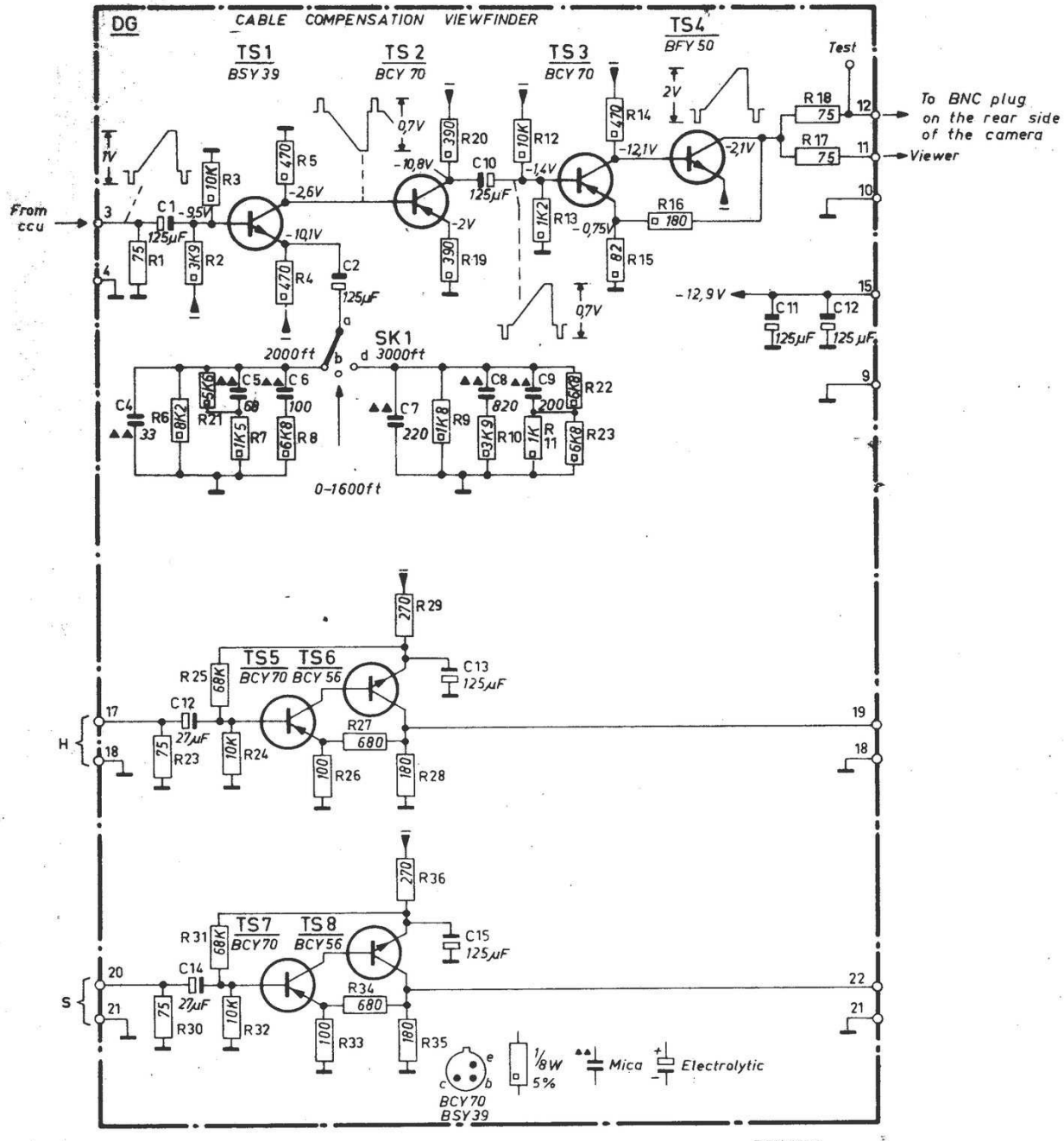

R29
C13
C15
TS6
R28
R25
R27
R3
R4
C4
C5
C8
C7
TS5
R24
R5
TS1
R2
SK1
R26
R14
R15
C12
R23
R17
TS2
R16
X
X
R36
C9
C2
TS8
R35
R31
R34
R32
R20
R33
R8
R9
R12
R11
R7
R6
R13
R10
TS7
R33
R18
C14
R30
R21
TS4
R22
C10
C11
C1
C3
C6

ETV 2616




ETV 1538
17-9-'69

LDK 4803




LDK 4803

ETV 1882

Project BBC 8993 500 47001

20-2-70