

**DATA SET 401F**  
**RECEIVER**  
**MAINTENANCE**

**1. GENERAL**

**1.001** This addendum supplements Section 594-015-300, Issue 1. The attached illustration must be inserted in the section in accordance with the filing instructions above.

**1.002** This addendum is issued to correct network 425B. Wiring of R relay contact 9 is changed to indicate factory wiring, and color code is specified for TR1 make contact.

**Attached:**

**Page 2 dated March 1966, revised**

DATA SET 401F

RECEIVER

MAINTENANCE

1. GENERAL

- 1.01 No routine maintenance of the data set is required.
- 1.02 For maintenance of the telephone set refer to sections covering maintenance of 500-type telephone sets.
- 1.03 Complete schematic circuit information is covered in CD- and SD-1D018-01.

2. PROCEDURE

- 2.01 Sets suspected of being in trouble should be tested as described in Section 594-015-500.
- 2.02 If the set meets requirements and trouble is still present:
  - (1) Confirm that business machine and associated cords have been checked.
  - (2) Check for intermittent trouble in station wiring.
  - (3) Refer to data test center for further analysis.
- 2.03 Sets failing to meet test requirements should be replaced or repaired by changing printed board assemblies. Table A shows the wiring boards and their functions.

- If changing boards fails to clear the trouble, replace the set.

TABLE A

PRINTED BOARD ASSEMBLIES

Function	Printed Board Assembly
Control	ED-1D001
Answer-Back, AGC, and Detector Control	ED-1D047
Data Channels 1-5	ED-1D062, GR 1
Data Channels 6-10	ED-1D062, GR 2
Data Channels 11-14	ED-1D062, GR 3
Test Circuit	ED-1D067, GR 1

- 2.04 Exercise care in handling and transporting data sets and wiring boards. If possible, use original cartons to store, transport, or return data equipment.
- 2.05 Fig. 1 shows the circuit schematic for the 513B-61 telephone set together with the data set control circuit.
- 2.06 Control circuit relays are mounted at rear of filter. It is necessary to remove entire cabinet housing to gain access to relay contacts.

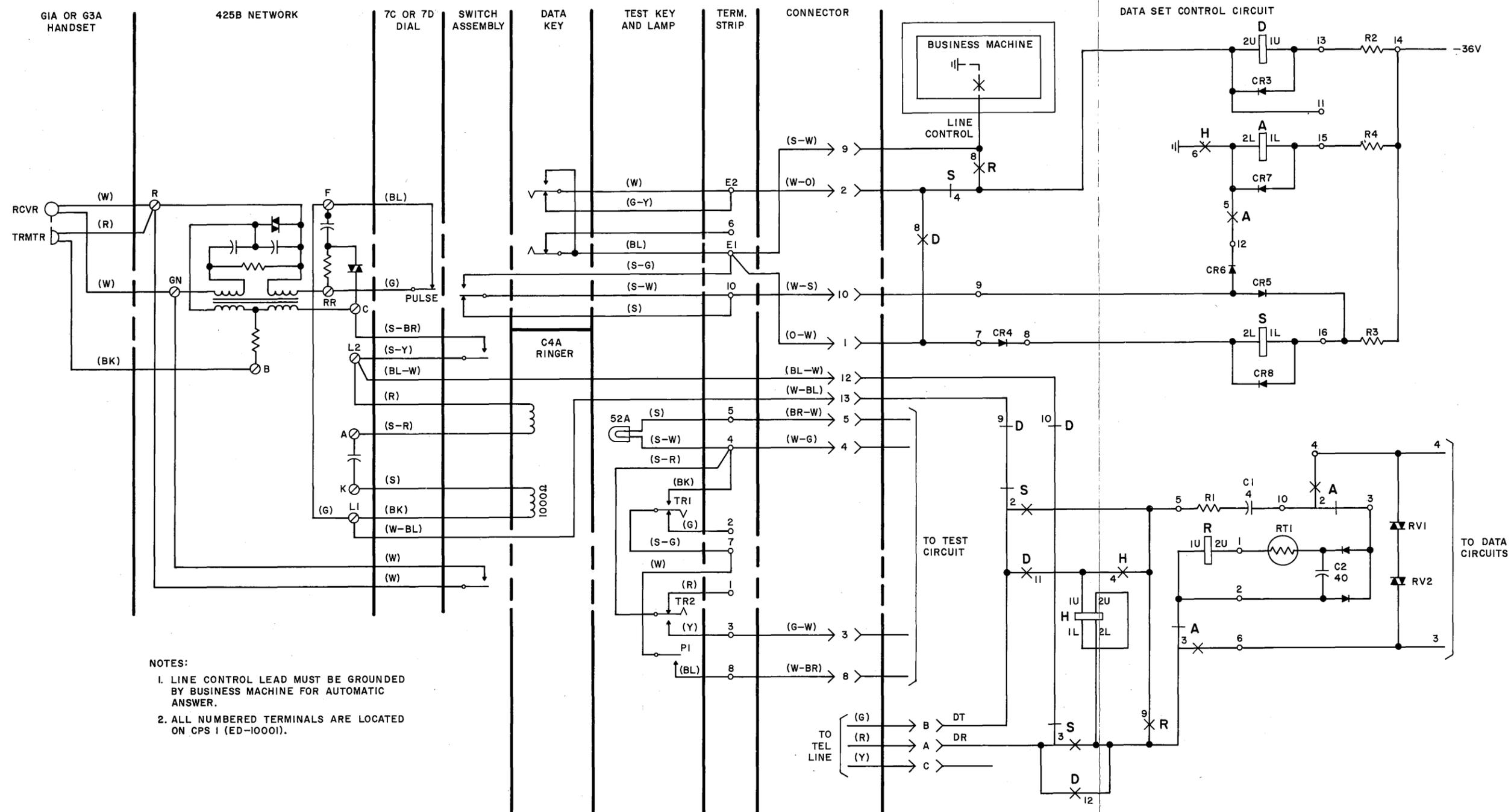


Fig. 1 - Telephone Set and Data Set Control Circuit

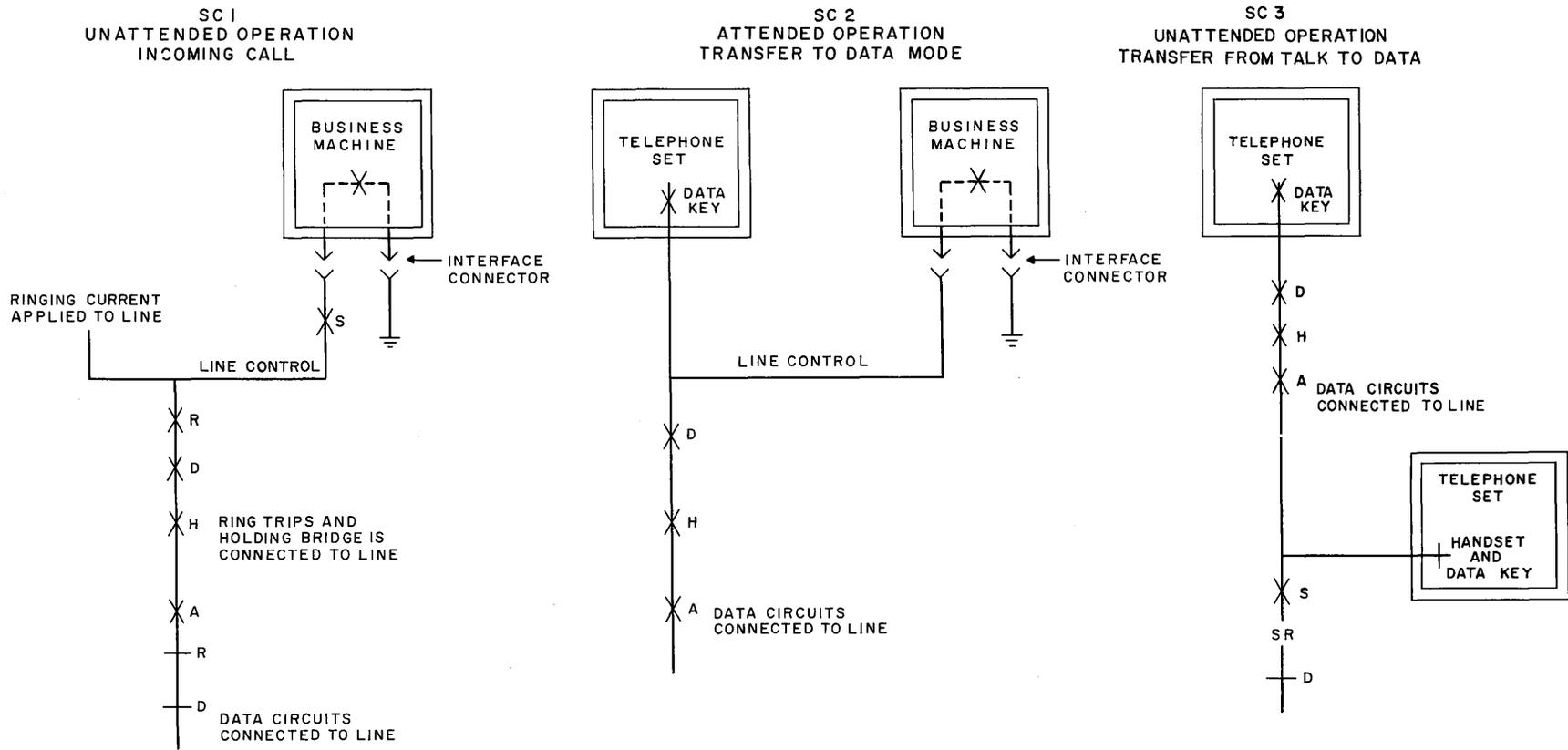


Fig. 2 - Sequence Charts, Data Set 401F