

DATA SET 202R TRANSMITTER-RECEIVER MAINTENANCE

1. GENERAL

1.01 This section contains information concerning the maintenance of Data Set 202R. It is designed to coordinate the efforts of the craft employee with the efforts of the data test center (DTC) to locate and eliminate trouble involving a Data Set 202R.

1.02 Routine maintenance is not required for a Data Set 202R. For information pertaining to the associated telephone set, refer to Section 502-501-102.

2. MAINTENANCE

2.01 When investigating a trouble report, proceed as outlined in Fig. 1. Refer to Section 592-025-500 for test procedures applicable to Data Set 202R.

2.02 If it becomes necessary to dispatch a craft employee to the defective data station, the craft employee should take along a Data Set 202R-L1 (or a complete set of circuit packs) which has been tested and proven to be in proper operating condition. Test equipment required is as follows:

1—914B Data Test Set

or

1—901-type Data Test Set *and*

1—902-type Data Test Set *and*

1—903-type Data Test Set *and*

1—KS-16979 volt-ohm-milliammeter (or equivalent).

2.03 If it becomes necessary to replace circuit boards, remove the circuit boards one at a time from the new data set and check the options before inserting the circuit board into the data set under test.

Note: Options are installed and removed as specified in Section 592-025-200.

2.04 The defective circuit boards should be tagged with the nature of the trouble, carefully packed, and returned to the service center for repair. Verify to the customer that service is satisfactory by making a data call.



Take proper steps to ensure that the customer is not billed for test calls. Refer to the section entitled Crediting Charges on Test Calls (010-250-001).

2.05 If the trouble persists:

- (a) Check that the options connected in the data set agree with those called for on the service order.
- (b) Confirm that the business machine has been tested and checks satisfactorily.
- (c) Check for cord and connector defects.
- (d) Check for intermittent trouble in the station wiring.
- (e) Refer to the plant service center for further analysis.

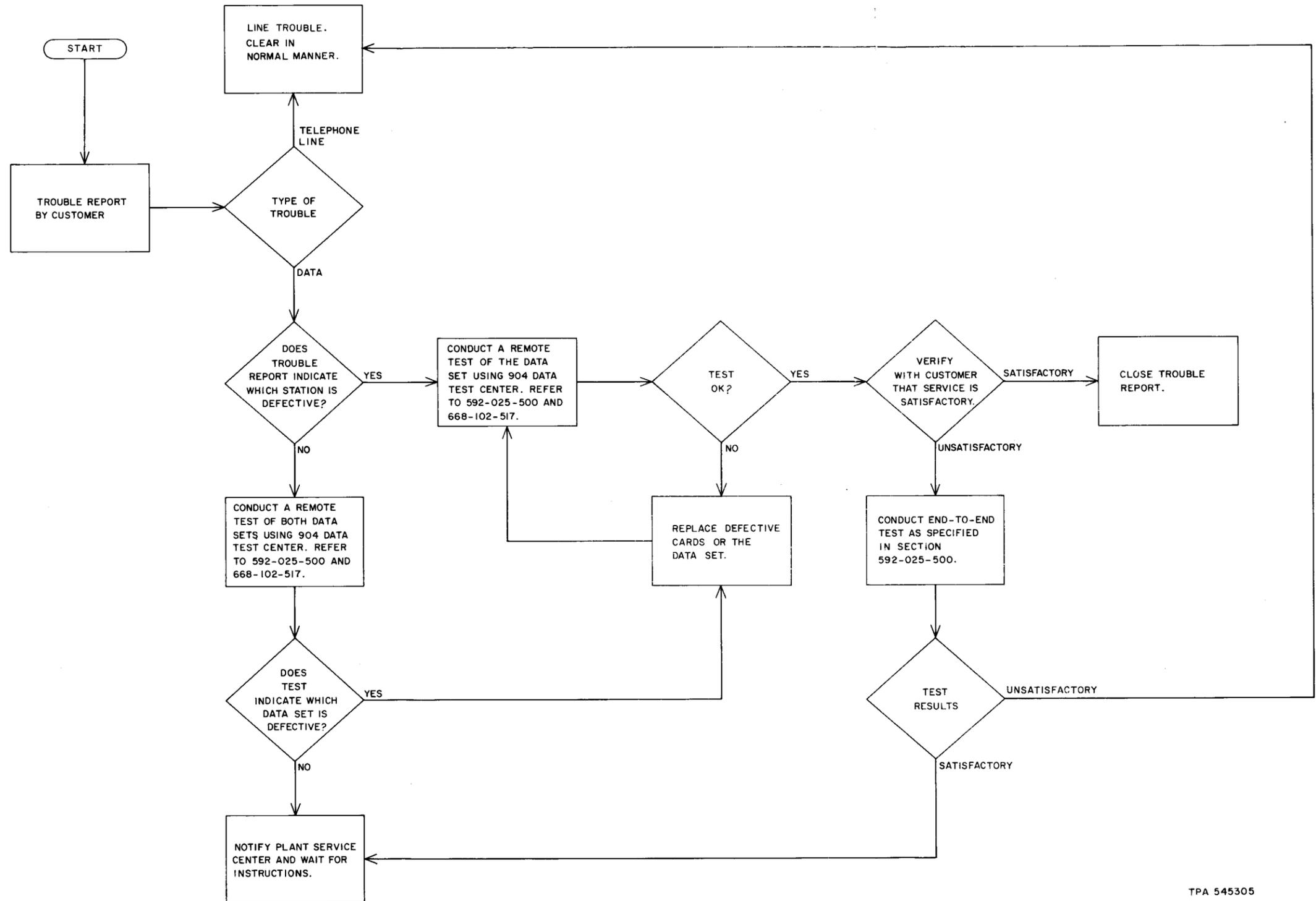
3. REFERENCES

3.01 The following Bell System Practices provide information concerning Data Set 202R and the associated telephone sets:

SECTION	TITLE
502-501-102	502-, 510-, 511-, 515-, 555-, and 558-Type Telephone Sets
502-503-102	Reference, 2502-, 2510-, 2511-, 2515-, 2555-, and 2558-Type Telephone Sets

SECTION 592-025-300

SECTION	TITLE	SECTION	TITLE
592-025-100	Data Set 202R, Transmitter Receiver, Description and Operation	592-025-300	Data Set 202R, Transmitter-Receiver, Maintenance
592-025-180	Data Set 202R, Transmitter-Receiver, Summarizing Specification	592-025-500	Data Set 202R, Transmitter-Receiver, Test Procedures
592-025-200	DataSet202R, Transmitter-Receiver, Installation and Connections		



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Fig. 1—Trouble Reporting and Investigating