

DATA SET 202T TRANSMITTER-RECEIVER MAINTENANCE

1. GENERAL

1.01 This section contains information concerning the maintenance of data sets (DS) 202T-L1/2 and -L1/2/3. It is designed to coordinate the efforts of the craft employee with the efforts of the serving test center (STC) to locate and eliminate trouble involving a DS 202T.

1.02 This section is reissued to update the maintenance flowcharts. Under Part 3 (MAINTENANCE AIDS) the CD- and SD-numbers have been added and an indication has been added that information formerly contained in TI-384 is now in Section 666-511-502.

1.03 Routine maintenance is not required for a DS 202T.

2. MAINTENANCE

2.01 When investigating a trouble report, proceed as directed in Fig. 1 (2-wire) or Fig. 2 (4-wire). Refer to Section 592-031-500 for maintenance test procedures for DS 202T.

2.02 If it becomes necessary to dispatch a telephone company (telco) employee to the defective data set location, the telco employee should take along the following:

- 914C data test set (DTS) *or* 914B and 903 DTS
- Spare DS 202T-L1/2/3A.

2.03 The data set is tested as directed in Section 592-031-500. If the data set is replaced, the defective data set should be tagged with a tag describing the nature of the trouble, carefully packed, and returned to a service center for repair.

After the data set has been replaced, verify with the customer that service has been restored.

Caution: *Handle the circuit pack by the nonconductive surfaces only, otherwise, certain circuit components may be damaged.*

2.04 If the trouble persists, proceed as follows:

- (a) Check that options in the data set agree with the service order.
- (b) Check that compatible options are used in local and remote data sets. Refer to Section 592-031-200.
- (c) Verify that the customer-provided equipment (CPE) has been tested and is operating satisfactorily.
- (d) Check that all the cords and connectors are properly connected.
- (e) Check for physical damage.
- (f) Check that the CPE and the data set are connected to a common ground.
- (g) If the trouble cannot be cleared, request help from immediate supervisor.

3. MAINTENANCE AIDS

3.01 The following Bell System Practices provide additional information concerning DS 202T and data stations using DS 202T.

SECTION	TITLE
590-002-114	Data Set 202T—Reference Guide
590-102-130	39A1 Data Mounting—Identification

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SECTION 592-031-300

SECTION	TITLE	SECTION	TITLE
590-102-131	40-Type Data Mounting—Identification	592-031-500	Data Set 202T Transmitter-Receiver—Test Procedures
590-102-137	47-Type Data Mounting—Identification	592-861-100	Data Station Using Data Set 202T—Description and Operation
592-031-100	Data Set 202T Transmitter-Receiver—Description and Operation	592-861-200	Data Station Using Data Set 202T—Installation and Connection
592-031-180	Data Set 202T Transmitter-Receiver—Summarizing Specification	666-511-502	◆Test of Data Services Provided by Data Set 202T From a Private Line Test Room◆
592-031-200	Data Set 202T Transmitter-Receiver—Installation and Connection	3.02	◆Detailed information concerning DS 202T is also contained in CD- and SD-1D243-01.◆

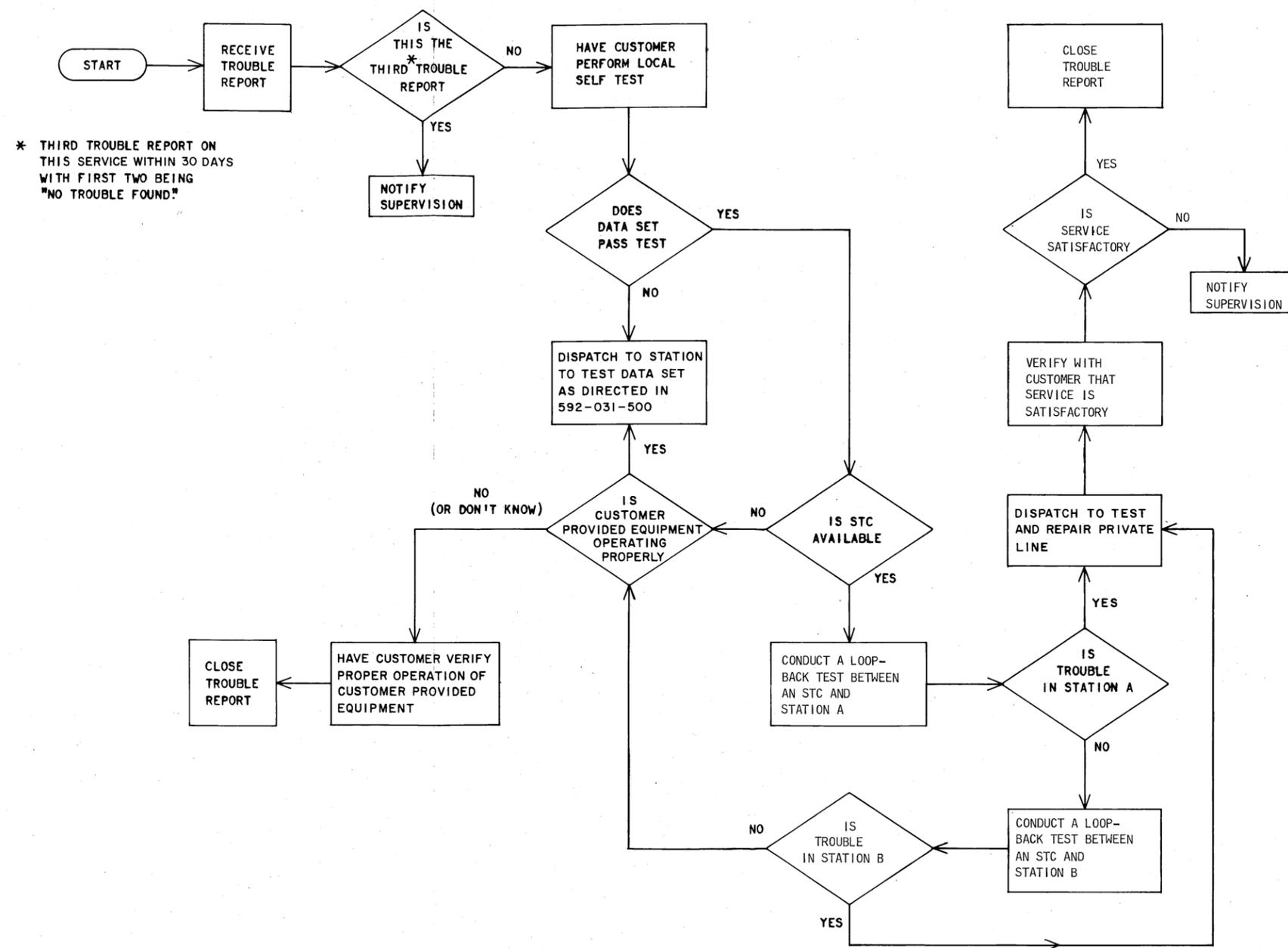


Fig. 1—Maintenance Flowchart for 4-Wire Private Line

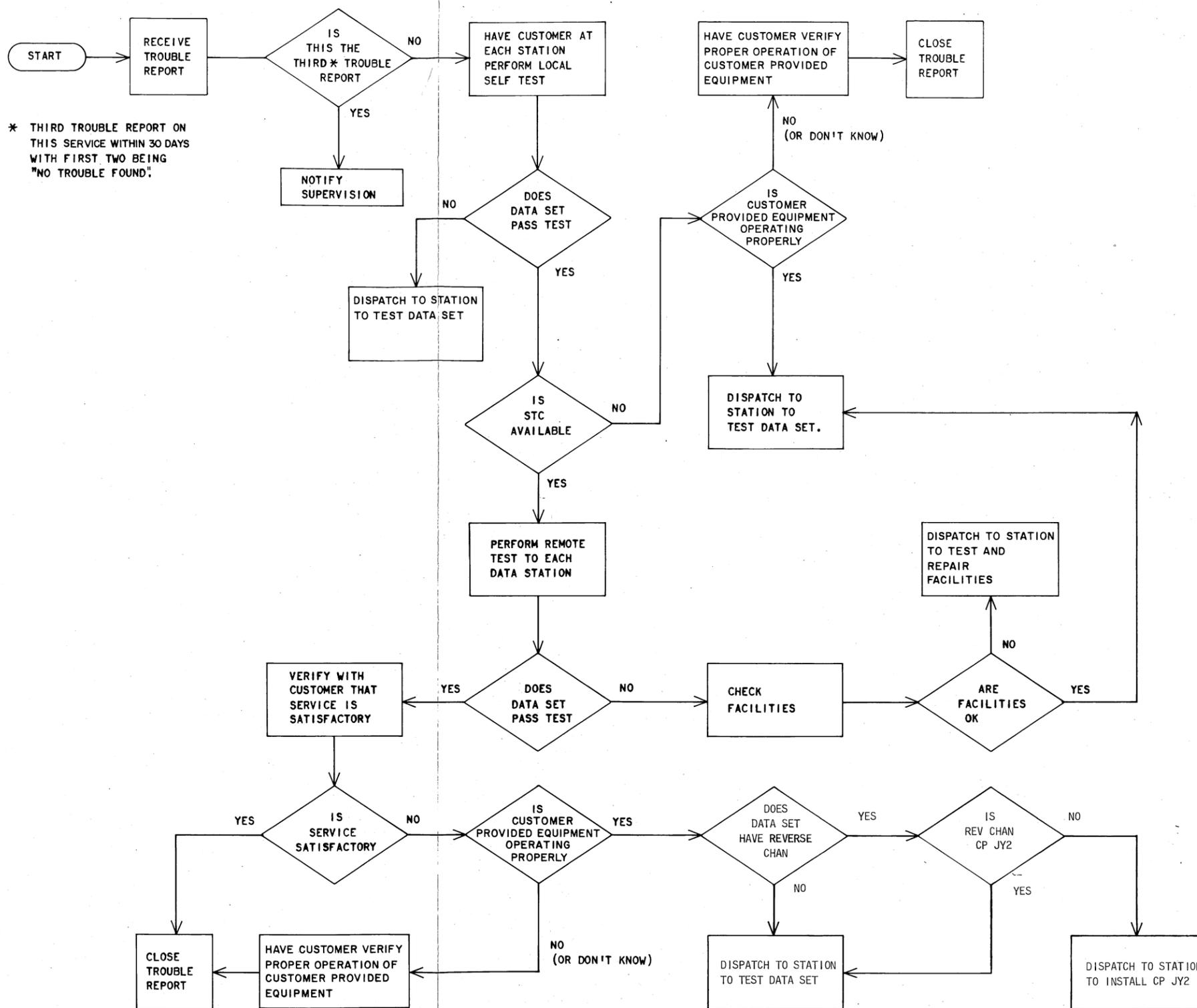


Fig. 2—Maintenance Flowchart for 2-Wire Private Line