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Headquarters, Department of the Army, Washington, DC
8 December 1978

REPORTING OF ERRORS

You can help improve this manual by calling attention to errors and by recommending improvements and stating your reasons for the recommendations. Your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) should be mailed direct to Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-ME-MQ Fort Monmouth, NJ 07703. A reply will be furnished direct to

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Section I. IDENTIFICATION AND DESCRIPTION

1. Test Instrument Identification. This bulletin provides instructions for the calibration of Audio Test Set TS-762/TC. Technical manual TM 11-2141 was used as the prime data source in compiling these instructions. The equipment being calibrated will be referred to as the TI (test instrument) throughout this bulletin.

a. Model Variations. None.

b. Time and Technique. The time required for this

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* **This bulletin supersedes TB 9-6625-1352-50, 16 April 1969, and TB 11-6625-217-35/1, 21 April 1966, including all changes**

calibration Is approximately 4 hours, using the dc (direct current) and low frequency technique.

2. Calibration Data Card, DA Form 2416. a Forms, records, and reports required for calibration personnel at all levels are prescribed by TM 38-750. DA Form 2416 must be annotated in accordance with TM 38-750 for each calibration performed.

b. Adjustments to be reported on DA Form 2416 are designated (R) at the end of the sentence m which they appear When adjustments are in tables, the (R) follows the designated adjustment Report only those adjustments made and designated with (R)

3. Calibration Description. TI parameters and performance specifications which pertain to this calibration are
listed in table 1

Table 1. Calibration Description

Test instrument parameters	Performance specifications
Power input requirements	105 to 125 V ac, 50 to 60 Hz
Test frequency	Range 1 kHz Accuracy +3 Hz
Test frequency distortion	Less than 1%
Send attenuator (test level)	Range -35 to + 10 dBm Accuracy ±0.3 dB per step
Receive attenuator level measure-ments)	Range -70 to + 10 dBm Accuracy ±0.3 dB per step
Audio filters (FIA for noise weight-ing)	1 kHz rejection for distortion

[1]This specification Ls for information only and is not verified in this bulletin

Section II. EQUIPMENT REQUIREMENTS

4. Equipment Required. Table 2 Identifies the specific equipment used m this calibration procedure This equipment Is Issued with Secondary Transfer Standards Calibration Sets NSN 6695-00-621-7877, NSN 669500-525-8175 (AN/GSM-256), NSN 4931-01-019-1829 (AN/GSM-259), Transportable Maintenance Calibration Facility AN/TSM-55, or Electronic Maintenance Shop Set and Is to be used in performing this procedure Alternate items may be used by the calibrating activity when the equipment listed in table 2 is not available The items selected must be verified to perform satisfactorily prior to use and must bear evidence of current calibration The equipment must meet or exceed the minimum use specifications listed m table 2 The accuracies listed in table 2 provide a four-to-one ratio between the standard and TI

5. Accessories Required. The accessories listed m table 3 are issued as indicated m paragraph 4 above and are to be used in this calibration procedure. When necessary, these Items may be substituted by equivalent items unless specifically prohibited