

RADIO ADMINISTRATION
MOBILE RADIO
TRANSMITTER MEASUREMENTS AND MAINTENANCE RECORD
FORMS SW-3743a AND SW-3743b

1. GENERAL

Required entries on the front side of
SW-3743a are as follows:

1.001 This Addendum supplements Section
400-200-001 and provides instructions
for the use and preparation of Forms SW-3743a
and SW-3743b.

(a) Headings

Licensee - Preprinted, Southwestern
Bell

Call Sign - Enter the call sign of the
associated base station.

Location Work Performed - Enter the
address where the meas-
urements were made.

Telephone Number - Enter the telephone
number assigned to the
mobile station.

Registry - City, State - Enter the
city and state where the
mobile unit is licensed.

1.002 This Addendum is reissued to cancel
Forms SW-3743 and SW-3744, Transmitter
Maintenance Record, and introduce Forms SW-
3743a, Domestic Mobile Transmitter Technical
Log, and SW-3743b, TMRS Mobile Transmitter
Technical Log.

1.003 Form E-3743 shall continue to be used,
as specified in the main Section, to
record maintenance information on mobile
transmitters that are registered by other Bell
System Operating Telephone Companies (OTC).

(b) Transmitter

Transmitter Serial No. - Enter the
serial number of the
transmitter.

Type - Enter the type acceptance num-
ber.

Model - Enter the KS number or the
manufacturer's model num-
ber of the transmitter.

1.004 Bell System Form E-3744A, Transmitter
Maintenance Record, will replace
Southwestern Bell Telephone Co. Form SW-3744.
It shall be used as specified in the main
Section to record maintenance information for
all base and test transmitters.

Power Output - Enter the transmitter
power output. (This
should be the value after
adjusting to manufac-
turer's specification.)

7. DESCRIPTION AND PREPARATION OF
FORM SW-3743a AND SW-3743b
(change the following paragraphs)

7.01 Form SW-3743a (Exhibit 1), Domestic
Mobile Transmitter Technical Log, is
a two-sided card, 3-3/8 x 6 inches in size.
It is designed to replace Form SW-3743.

Receiver Sensitivity - Enter the rf
level in micro volts to
produce 20dB of noise
quieting.

7.03 Form SW-3743a shall be used to record
maintenance information on domestic
mobile transmitters that are registered in
Southwestern Bell.

(c) Test Set

Frequency Meter - Enter the manufacturer's name of the test set.

Serial Number - Enter the serial number of the test set.

Date of Cal. - Enter the last calibrated date of the test set. This is required to be calibrated annually.

*Deviation Meter - Enter the name of the manufacturer of the test set.

*Serial No. - Enter the serial number of the test set.

*Date of Cal. - Enter the last calibrated date of the test set. This is required to be calibrated annually.

* If the same test set is used to check the frequency and deviation, enter "same as above" next to "Deviation Meter." No entries will be required for the "Serial Number" and "Date of Calibration."

(d) Responsible Operator

Signed - Enter the licensed operator's signature as it appears on the license.

Dated - Enter the date of the transmitter measurements.

License No. - Enter the operator's license number.

Class - Enter the operator's class of license.

Expiration Date - Enter the expiration date of the operator's license.

(e) Transmitter Measurements

Frequency Assigned - Check the frequencies that are equipped in the transmitter.

Frequency Measured - Enter the frequency measured in MHz.

Frequency Adjusted to - Enter the frequency adjusted to in MHz.

Deviation Measured - Enter the deviation measured in KHz.

Deviation Adjusted to - Enter the deviation adjusted to in KHz.

(f) Control Head

Type - Enter Pulsar I, Pulsar II, etc.

Model - Enter the KS number or the manufacturer's model number.

(g) Pertinent Details of Work Performed -

Enter the details of all maintenance work performed on the transmitter.

Required entries on the reverse side of SW-3743a are as follows:

(a) Miscellaneous Customer Information

Customer's Name - Enter the customer's name as it is shown on the service order.

Contact No. - Enter the land telephone number where the customer can be contacted.

Address - Enter the address of the customer as it is shown on the service order.

Type and Make of Vehicle - Enter the type and make of vehicle that the radio unit is installed.

License No. - Enter the license number of vehicle.

(b) Service or Maintenance Duties

Service Order Activity - If there is service order activity, check the appropriate box.

Service Order No. - Enter the service order number.

Date Comp. - Enter the completion date of the service order.

Initial TFM - If the work is associated with a service order, check box and enter all measurements on the reverse side.

Transmitter Replaced/Repaired - If the work is associated with replacing or repairing the transmitter, check box and underline "replaced" or "repaired". Enter all measurements on the reverse side. If repair work was performed, enter the pertinent details on the reverse side.

Annual TFM - If annual transmitter frequency and modulation (TFM) measurements are made, check box and enter all measurements on the reverse side.

(c) Remarks - Enter any additional information as required.

7.04 Form SW-3743b (Exhibit 2) is a one-sided card, 3-3/8 x 6 inches in size. it is designed to replace Form SW-3743.

7.05 Form SW-3743b shall be used to record maintenance information on Telephone Maintenance Mobile Transmitters that are registered in Southwestern Bell.

7.06 Required entries on SW-3743b are as follows:

(a) Headings

Licensee - Preprinted "Southwestern Bell"

Call Sign - Enter the call sign of the state mobile license.

Location Work Performed - Enter the address where the measurements were made.

Unit No. - Enter the unit designator assigned to the mobile station.

Registry City, State - Enter the city and state where the mobile unit is assigned to operate.

(b) Transmitter

Transmitter Serial No. - Enter the Serial number of the transmitter.

Type - Enter the type acceptance number.

Model - Enter the manufacturer's model number.

Power Output - Enter the transmitter power output.

Receiver Sensitivity - Enter the rf level in microvolts to produce 20db of noise quieting.

(c) Test Set

- Frequency Meter - Enter the manufacturer's name of the test set.
- Serial No. - Enter the serial number of the test set.
- Date of Cal. - Enter the last calibrated date of the test set. This is required to be calibrated annually.
- *Deviation Meter - Enter the manufacturer's name of the test set.
- *Serial No. - Enter the serial number of the test set.
- *Date of Cal. - Enter the last calibrated date of the test set. This is required to be calibrated annually.

*If the same test set is used to check the frequency and deviation, enter "same as above" next to "Deviation Meter." No entries will be required for "Serial Number" and "Date of Calibration."

(d) Responsible Operator

- Signed - Enter the licensed operator's signature as it appears on the license.
- Dated - Enter the date of the transmitter measurements.
- License No. - Enter the operator's license number.
- Class - Enter the operator's class of license.
- Expiration Date - Enter the expiration date of the operator's license.
- Home Address - Enter the home address of the licensed operator.

(e) Transmitter Measurements

- Frequency Assigned - Enter all frequencies equipped in the transmitter.
- Frequency Measured - Enter the frequency measured in MHz.
- Frequency Adjusted to - Enter the frequency adjusted to in MHz.
- Deviation Measured - Enter the deviation measured in KHz.
- Deviation Adjusted to - enter the deviation adjusted to in KHz.

(f) Miscellaneous Customer Information

- Customer's Name - Enter the Supervisor's name or the work group where the radio is assigned.
- Address - Enter the address of the work location where the radio is located.
- Contact Telephone Number - Enter the Supervisor's telephone number who is responsible for the radio.
- Vehicle Make and Number - If the radio is installed in a vehicle, enter the make and year and number of the vehicle.
- Date Installed/Disconnected - Enter the date the radio was installed, rearranged or disconnected.

(g) Pertinent Details of Work Performed -

Enter all maintenance work performed on the transmitter.

11. RETENTION OF RECORDS

(Add the following paragraphs)

11.01 All station records normally shall be retained for at least one year.

11.02 Station records involving communications of distress or disaster and station records involving an investigation by the FCC shall be retained until the licensee is notified in writing by the Commission to destroy them.

11.03 Station records involving any claim or complaint shall be retained until such claim or complaint has been fully satisfied or until it has been barred by statute limiting the time for the filing of suits upon such claims.

12. ORDERING INFORMATION

(Add the following paragraph)

12.01 Forms SW-3743a and SW-3743b are stocked by Western Electric Company. They are listed in the Stationery Catalog and are available via the Order Invoice Plan.

EXHIBIT 1

SW-3743a

BSP 400-200-001 SW

DOMESTIC MOBILE TRANSMITTER TECHNICAL LOG — SW 3743a (9-79) Telephone No. _____

Licensee Southwestern Bell Call Sign _____ Registry City _____

Location Work Performed _____ State _____

Transmitter Serial No.	Model	Power Output _____ Watts	Transmitter-Frequency Assigned			— Deviation			
			MJ	OR	MK	Meas.	Adj. to	Meas.	*Adj. to
Receiver Sensitivity _____ U-Volts (For 20dB Quieting)			157.77		459.375				
Frequency Meter _____			157.80		459.400				
Serial No. _____ Date of Cal. _____			157.83		459.425				
Deviation Meter _____			157.86		459.450				
Serial No. _____ Date of Cal. _____			157.89		459.475				
Responsible Operator _____			157.92		459.500				
Signed _____			157.95		459.525				
Dated _____			157.98		459.550				
License No. _____			158.01		459.595				
Class _____			158.04		459.600				
Expiration Date _____			158.07		459.625				
					459.650				

Control Head Type _____ Model _____ $\pm \pm 5Khz$

Pertinent Details of work performed _____

See Reverse

FRONT

CUSTOMER'S NAME _____ Contact No. _____

Address _____

Type and make of vehicle _____ License No. _____

SERVICE OR MAINTENANCE DUTIES

Service Order Activity Install Change Disconnect

Service Order No. _____ Date Comp. _____

INITIAL TRANSMITTER FREQUENCY AND MODULATION (TFM) MADE MEASUREMENTS SHOWN ON OTHER SIDE.

TRANSMITTER REPLACED/REPAIRED IN THIS STATION. MEASUREMENTS SHOWN ON OTHER SIDE.

ANNUAL TFM. MEASUREMENTS SHOWN ON OTHER SIDE.

Remarks _____

NOTE: THIS DOCUMENT IS PART OF THE STATION RECORDS REQUIRED TO BE MAINTAINED BY THE FCC. TECHNICAL LICENSED OPERATORS PREPARING THIS RECORD SHOULD FAMILIARIZE THEMSELVES WITH STATION RECORDS SET FORTH IN THE FCC RULES AND REGULATIONS (R&R) FOR WHICH DOCUMENT IS BEING PREPARED REF. DOMESTIC PUBLIC LAND SERVICE. R&R 21.208

BACK

