

MOBILE RADIO

1. GENERAL

1.01 This section provides instructions for ordering new and disposing of surplus, unrepairable and/or obsolete mobile radio station equipment.

1.02 This section is reissued to show that the manufacture of mobile radio set, Motorola MJ (P.E.L. 7408) has been discontinued and to introduce the Motorola Pulsar Mobile Radio set for use in Southwestern Bell Telephone Company. Changes are indicated by arrows.

1.03 Correct and uniform ordering procedures must be followed in the requisitioning of mobile radio equipment to:

- (1) Permit accurate accounting treatment to 138C and 238C accounts;
- (2) Allow proper development of average original costs and;
- (3) Reduce problems in the biennial inventory reconciliation.

1.04 Mobile radio installation information is covered in BSP 405-311-200 and 405-315-200.

2. ORDERING MOBILE RADIO SETS

→ 2.01 New mobile radio station equipment may be ordered either by using Form S-6265, Supplies Requisition, or for stocked items by using the Order Invoice Plan. If Form S-6265 is used, the requisition shall show the MU Code 20 and the appropriate account code shall be entered for each entry.

2.02 When orders are placed for mobile radio station equipment to be used for new installations, they must be placed through Western Electric Company according to the following instructions to receive the proper accounting treatment.

Orders for Motorola MJ (P.E.L. 7408)

→ Manufacture Discontinued, however, repair parts may still be ordered as indicated.

	Account
Head, Control, KS19626 L1-2 (Indicate Color) (Qty) _____	138C
Antenna, Mount, Roof, KS19609 L12	238C
Elements, Channel, KS19609 L11 (Qty) _____ (Specify channels required, e.g., JL, YL, JP, YP, YJ, YK, JS, YS, YR, JK, JR)	238C

The above will include the following apparatus:

Unit, Supervisory, KS19609 L2  
Unit, Radio, KS19609 L3  
Cable, KS19609 L5  
(20 ft. for negative ground installation; includes connector, housing, and cover)  
Antenna, Mount, Roof, KS19609 L12  
(Includes 14 ft. cable and connector)  
Head, Control, KS19626 L1 (Kellogg)  
Bracket, Mounting, KS19626 L2

Orders for GE MJ (P.E.L. 7479)

(See Note 1 below)

	Account
Set, Mobile, Radio KS19852 L2-4-5-7 (Qty) _____	138C
Head, Control KS19626 L1-2 (Indicate Color) (Qty) _____	138C
Elements, Channel, KS19852 L11 (Qty) _____ (Specify channels required, e.g., JL, YL, JP, YP, YJ, YK, JS, YS, YR, JK, JR)	238C
Antenna, Mount, Roof KS19852 L12	238C

The above will include the following apparatus:

- Unit, Supervisory, KS19852 List 2  
(less Oscillator - Channel Hunting Circuit)
- Unit, Radio, KS19852 List 4
- Cable, KS19852 List 5 (20 ft. for negative ground installations)
- Circuit, Hunting, Oscillator - Channel, KS19852 List 7
- Antenna, Mount, Roof, KS19852 List 12
- Head, Control, KS19626 List 1 (Kellogg)
- Bracket, Mounting, KS19626 List 2
- Elements, Channel, KS19852 List 11

Orders for Motorola MK (E.M. 1146)

(See Note 1 below)

	Account
MK Mobile Package, KS20282 L1-5-8 (Qty) _____ (Specify the number of dummy elements required so that the combined total of channel elements and dummies is twelve)	138C
Unit, MK Control, KS20283 L1 (Indicate Color) (Qty) _____	138C

Account

Antenna, Mount, Roof Motorola TAE6052 (Qty) _____	238C
Elements, Channel, KS20282 L7 (Qty) _____ (Specify channels required, e.g., QC, QJ, QD, QA, QE, QP, QK, QB, QO, QR, QY, QF)	238C

The above will include the following apparatus:

- Elements, Channel, KS20282 List 7
  - Antenna, Mount, Roof Motorola TAE6052  
(6 in. antenna)
  - Unit MK Control KS20283 List 1  
(Includes control head, standard mounting hardware (List 4) and cable connector clips (List 5) )
  - Elements, Channel, Dummy, KS20282 List 8
  - Assembly, Cable, KS20282 List 5  
(20 ft. for negative ground installation)
- KS20282 List 1
- Unit, Supervisory, KS19609 List 2
  - Unit, Radio, KS20283 List 3
  - Unit, Tuning Tools, KS20282 List 9
  - Manual, Instruction, KS20282 List 11

Orders for Motorola Pulsar

(See Note 1 below)

	Account
Set, Mobile Pulsar, T1683, Model # (QTY) _____	138C
NOTE: A letter prefix after the model number indicates color of set, ie, T1683A is black and T1683E is beige.	
Head, Control, KS19625 L1-2 (Indicate Color) (QTY) _____	138C
Antenna, Mount, Roof, KS19609 L12	238C

The above will include the following apparatus:

- Unit, Supervisory, KS19609 L2
- Unit Radio, Cable, KS19609 L5

(20 feet for negative ground installation; includes connection, housing, and cover)

Antenna, Mount, Roof, KS19609 L12  
(includes 14ft. cable and connector)  
Head, Control, KS19626 L1 (Kellogg)  
Bracket, Mounting, KS19626 L2

NOTE 1

(a) Only when the complete radio unit is ordered as shown above will the various components such as the supervisory unit, cable, mounting bracket, etc., be charged to the 138C account. These items if ordered separately are charged to the 38R account. Channel elements and antennas are always charged to the 238C account. (See V27.401 and V27.401.1)

(b) The color of the control head is indicated by inserting the appropriate number for the color desired, i.e., (-3)Black, (-53)Red, (-58)White, (-59)Pink, (-60)Light Beige, (-62)Light Blue, (-64)Turquoise.

(c) Occasionally cable for positive ground installations will be required though not provided in the complete radio unit as ordered above. In such instances, this cable should be ordered separately. The normal cable furnished with the radio unit should be used as spare---to be used on re-installations. Ordering information for the other cables is as follows:

Motorola MJ

Cable, KS19609 List 9  
(20 ft. for positive ground installations, includes connector, housing and cover)

G.E. MJ

Cable, KS19852 List 9  
(20 ft. for positive ground installations)

Motorola MK

Assembly, Cable, KS20282 List 6  
(20 ft. for positive ground installation)

(d) All antennas as stated above are charged to the 238C account, consequently, the following antennas may be substituted for the one listed:

Motorola MJ

Antenna, Vehicular, KS15510 List 1  
(Includes 12 ft. cable and connector. If 15 ft. cable is required, this should be specified on the order)

Motorola MK

Antenna, Mount, Roof, Motorola TAE6072  
(28 in. 3.5db gain antenna)  
Antenna, Mount, Roof or Trunk Motorola  
TAE6062 (39 in. 5.0db gain antenna)

Dial Conversions

2.04 In connection with conversions from manual to dial type operations of mobile radio equipment, requisitions for items to convert existing equipment to dial must show the notation "For Dial Conversion" with all items being charged to 138C account code. (See V27.401.1)

Mobile Equipment for Maintenance

2.05 All items of mobile radio station equipment ordered for maintenance purposes (except disposition units or other cost items i.e., channel elements and antennas - See Note 1) shall be charged to 38R account code. (See V27.401 and V27.402 on 38R)

3. DISPOSITION OF SURPLUS UNITS

3.01 Surplus mobile radio units should be  
➔ returned to Western Electric Company.  
All mobile radio units requiring repair shall  
also be returned to Western Electric Company.  
Stock maintained in the field to be used as  
maintenance spares should be held to a mini-  
mum consistent with service requirements.

3.02 Warning: There are various license  
and patent restrictions on electronic  
supplies and equipment. Western Electric is  
responsible for clearing these restrictions  
when electronic equipment is bought or sold  
for the Bell System. To ensure compliance  
with these license and patent requirements,

all radio equipment must be ordered and dis-  
posed of through Western. Junk, obsolete and  
unusable radio equipment must not be disposed  
of locally but rather returned to Western with  
a proper notation on the R.M.N. e.g., this  
equipment is - "Worthless - To be disposed of  
for best possible allowance".

3.03 If a manufacturer offers an allowance  
on obsolete or unusable radio equip-  
ment in connection with the purchase of new  
units, it should be referred to the Western  
Electric Company for inclusion in the pur-  
chase agreement.