



Broadcast Engineering Bulletin

OCTOBER 22, 1943 * * * * * No. 3

1760 N St., N.W. NATIONAL ASSOCIATION OF BROADCASTERS WASH. 6, D. C.

New Priority Instructions

As first reported in NAB REPORTS (page 414, October 8, 1943), Preference Rating Order P-133 has been revised by WPB to make it the exclusive controlling order for obtaining maintenance, repair and operating supplies for radio broadcasting. The amendment continues the AA-2, MRO-P-133 symbol and preference rating to broadcast stations.

Recording blanks to be used exclusively for broadcast purposes may be purchased by broadcast stations under

the preference rating AA-2, MRO-P-133. Blank discs to be used for purposes other than broadcasting are assigned the preference rating AA-5 by the revised order.

Section (e) (1) is a clarification of tube inventory restrictions. The language of this section has been interpreted to allow the use of these ratings or allotment symbol only if a similar tube has first been operated to failure and the purchaser has in stock less than one new and one rebuilt tube, or two rebuilt spare tubes per active socket.

PART 3289—RADIO AND RADAR [Preference Rating Order P-133, as Amended Oct. 8, 1943] ELECTRONIC EQUIPMENT

Section 3289.41 *Preference Rating Order P-133* is hereby amended to read as follows:
§ 3289.41 *Preference Rating Order P-133*

—(a) *What this order does.* This is a complete revision of Preference Rating Order P-133. It gives preferences ratings to persons engaged in certain businesses. It also entitles some of them to use the allotment symbol "MRO". The ratings and symbol can be used only to get materials for maintenance, repair and operating supplies; and there are also certain special restrictions set forth in paragraph (e). The businesses, and the ratings and symbol assigned to persons engaged in them are:

(1) Radio communication—AA-1. Persons engaged in this business are also entitled to use the allotment symbol "MRO".
(2) Radio broadcasting—AA-2. Persons engaged in this business are also entitled to use the allotment symbol "MRO".

(3) Sound recording for commercial, educational or industrial purposes—AA-5.
(4) Operation and maintenance of public address, intercommunication, plant sound or other similar electronic systems, such as systems for the controlled distribution of musical programs—AA-5.

(b) *What is meant by maintenance, repair and operating supplies.* These terms include whatever is necessary to keep a person's business property and equipment in sound working condition, or to fix it when it has broken down or is about to break down. They also include those things which are normally used in the day-by-day operation of any of these businesses, being as a rule things which are consumed in use. On the other hand, there are some things which these terms do not include, and to which the benefits of this order do not extend. These are production materials, capitalized repairs, capital equipment, capital replacements, plant expansion, addition of facilities, and the construction and remodeling of buildings.

(c) *Relation of this order to War Production Board regulations and other orders.* This order and all things done under it are subject to the provisions of all applicable regulations and orders of the War Production Board, except that persons who are engaged in the businesses listed in this order to that extent are entitled to none of the benefits, and are subject to none of the restrictions, contained in CMP Regulations No. 5 and No. 5A. Any one using this order should read particularly Priorities Regulation No. 3, which tells how to apply and extend ratings, and which contains a list of things which blanket MRO ratings (such as those assigned by this order)

cannot be used to get (Priorities Regulation No. 3, paragraph (f) and List B).

(d) *How to use the ratings and allotment symbol.* (1) Persons entitled to use these ratings and the allotment symbol "MRO" under this order may do so by placing on their purchase orders either the form of certificate provided in Priorities Regulation No. 3, or that provided in CMP Regulation No. 7. In every case those persons entitled under this order to use the allotment symbol "MRO" must place on their purchase orders in addition to the certificate the symbol "MRO-P-133".

(2) Any purchase order for controlled materials which bears such a certificate and symbol is an authorized controlled material order, and on such orders the preference rating should not be shown. The preference rating must, of course, be shown on orders for anything but controlled materials.

(e) *Restrictions on the use of the ratings and allotment symbol.* No person shall use these ratings or allotment symbol:

(1) To buy or to repair a tube unless a similar tube has first been operated to failure, or unless he has in stock less than one new and one rebuilt, or two rebuilt spare tubes for each active tube socket. All power tubes of 250 watts or more (plate dissipation), which have been operated to failure and are not to be repaired, shall be returned to the manufacturer.

(2) To replace in stock any spare parts except parts which are subject to frequent failure or rapid deterioration, or parts which are of such special design that their failure would cause a lengthy interruption of operations unless they could be immediately replaced from stock.

(3) To replace in stock a new part (other than a tube) if the old part can be repaired.

(4) To replace equipment which has not been used within the ratings specified by the manufacturer of the equipment.

(5) To increase the value of a person's inventory of repair parts (not including tubes) above the value of such inventory on October 5, 1942.

(6) To increase a person's inventory of operating supplies (not including tubes) above a ninety-day requirement.

(7) To get aluminum if the use of any other material is practicable, or to get more than five hundred pounds of aluminum in any calendar quarter in any event.

(8) To get materials for the maintenance, repair or operation of equipment for the account of War Emergency Radio Service.

(f) *Persons who service these businesses.* Any person (such as a service repair shop) who does maintenance or repair work for anyone engaged in any of the businesses

described in this order may use the rating and symbol to which his customer would be entitled in order to get materials to do that work for his customer. In such a case the restrictions of paragraph (e) apply as to the customer and the customer shall be responsible if they are violated.

(g) *Special rule for international, point-to-point, radio communication carriers.* Any person engaged in international, point-to-point radio communication, as a commercial operation, may use the rating and allotment symbol given by this order to rearrange, modify or expand existing facilities and equipment (but not buildings) either to maintain his regularly established services, or to provide whatever new or modified service may be necessary to render services required by or for the account of the United States Army, the United States Navy, any agency of the United States Government, or any agency of any foreign government.

The cost of materials for any one project undertaken under this paragraph (g) must not exceed \$1,500.00, in which case the restrictions of paragraph (e) of this order, and the rules of Conservation Order L-41 shall not apply, and an authorization to begin construction shall not be necessary.

(h) *Penalties for violating this order.* Any person who wilfully violates any provision of this order or falsifies the certificate prescribed in paragraph (d), or who conceals any material information or furnishes false information to any department or agency of the United States is guilty of a crime. If convicted, he may be punished by fine or imprisonment. He may also be deprived of any or all priorities assistance. For example, he may be prohibited from getting, delivering, processing, or using anything which is subject to priority control by the War Production Board.

(i) *How to appeal from any provision of this order.* Any person may appeal for relief from any provision of this order by writing a letter which explains fully what provisions he is appealing from and why he thinks he should be relieved from those provisions so far as they relate to him or his business. He should send this letter with two signed copies to the War Production Board.

(j) *Letters and reports about this order.* Any letters about this order, or any reports which persons subject to this order may be required to file, should be addressed to the War Production Board, Radio and Radar Division, Washington 25, D. C., Ref: P-133.

Issued this 8th day of October 1943.
WAR PRODUCTION BOARD,
By J. JOSEPH WHELAN,
Recording Secretary.

General instructions for the purchase of materials in accordance with P-133 as amended October 8, 1943, are as follows:

1. Read Preference Rating Order P-133 as amended October 8, 1943, and become familiar with the provisions of the order.
2. Operate all tubes and parts to absolute failure, before installing replacements, in order to bring inventory within the limits of the order.
3. Hold best spare tubes for last use in the equipment thus minimizing the chance of failure while procuring replacements. In order to check the condition of spare tubes and to insure their immediate availability without conditioning, use all spares not less than one day every three months and not more than one day of each month. This practice is preferable to the rotation of spare tubes on an equal use basis.
4. Immediately upon the failure of tubes which will reduce the spare inventory to less than the maximum permitted, place a purchase order with your supplier. This purchase order should bear the required certification assigning the preference rating AA-2, MRO-P-133. When placing the purchase order request delivery prior to a definite date and ask your supplier to advise you immediately if for any reason the order cannot be filled on or before the required date. If notice is received from supplier that delivery cannot be made by the date specified, immediate inquiry should be made to all other known sources of supply concerning their ability to fill the order in accordance with your requirements. If these inquiries result in a satisfactory delivery promise from another supplier, the original order *should be cancelled* and another order placed with the new supplier (WPB Regulation 3, amended June 26, 1942, Section (b), paragraph 3. This regulation forbids duplicate orders.)
5. The following certification form should be placed on all orders:

CERTIFICATION

The undersigned purchaser hereby represents to the seller and to the War Production Board that he is entitled to apply or extend the preference ratings indicated opposite the items shown on this purchase order, and that such application or extension is in accordance with Priorities Regulation No. 3, as amended, with the terms of which the undersigned is familiar.

| | |
|---|------------|
| Name of Purchaser | Address |
| By _____ | Date _____ |
| (Signature and title of duly authorized officer) | |

6. If after following the procedure outlined in paragraph 4 a satisfactory delivery promise is not obtained, an order should be placed with the supplier offering the best delivery promise. At the same time a 541 form should be filed with the War Production Board, Director of Industry Operations, Washington, D. C. Be sure to furnish all required information, including your purchase order number or the vendor's order number, on the WPB-541 (formerly PD-1A) and outline in the covering letter the substance of your correspondence under paragraph 4.

7. If capital equipment, such as turntables, microphones, amplifiers, monitors, transmitters, antennas, etc., is destroyed by fire, accident or other causes, it is suggested that the problem of obtaining proper authorizations for the replacement of the lost equipment be referred to the regional WPB office for instructions. A directory of regional WPB offices will be found in this issue of NAB REPORTS and Broadcast Engineering Bulletin No. 3.

8. If your station is actually off the air due to the failure to obtain spare tubes or parts or if the tubes or parts in use (for which no replacements are available) appear to be approaching failure communicate immediately by telephone or telegraph with the WPB Emergency Branch, Washington, D. C. The telephone number is REpublic 7500, extension 75052. This communication should refer to your 541 application, if previously filed.

To avoid confusion, it is suggested that Broadcast Engineering Bulletin No. 1 dated February 5, 1943, be removed from your files and this bulletin substituted. The complete text of the new order as amended October 8, 1943, is printed herewith.

DIRECTORY OF REGIONAL OFFICES RADIO AND RADAR DIVISION, WPB

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| REGION 1— Boston, Mass. | Michael Scott, Chief 17 Court Street Boston, Massachusetts Phone: Lafayette 7500 |
| REGION 2— New York, N. Y. | Frank S. Misterly, Chief Empire State Building New York, New York Phone: Murray Hill 3-6805 Charles Eppler Globe Indemnity Building Newark, New Jersey Phone: Market 2-0700 W. T. Croysdill 1138 Rand Building Buffalo, New York Phone: Madison 3-160 |
| REGION 3— Philadelphia, Pa. | David Miller, Chief 1617 Pennsylvania Boulevard Philadelphia, Pennsylvania Phone: Locust 3400 |
| REGION 4— Atlanta, Georgia | Guy Mankin 116 Candler Building Atlanta, Georgia Phone: Walnut 4121 |
| REGION 5— Cleveland, Ohio | Howard J. Shartle, Chief 1318 Union Commerce Building Cleveland, Ohio Phone: Cherry 7900 M. G. Thomas 34 E. Fourth Street Cincinnati, Ohio Phone: Parkway 0100 Wm. H. Martin 1st National Bank Building Pittsburgh, Pennsylvania Phone: Grant 5370 |
| REGION 6— Chicago, Ill. | Raymond H. Woodford, Chief 226 W. Jackson Boulevard Chicago, Illinois Phone: Andover 3600 |
| REGION 7— Kansas City, Mo. | Fred H. Larrabee Mutual Interstate Building Kansas City, Missouri Phone: Harrison 6464 |
| REGION 8— Dallas, Texas | R. C. Watson 1221 Mercantile Bank Building Dallas, Texas Phone: Riverside 5711 |
| REGION 9— Denver, Colorado | George Joslyn Continental Oil Building Denver, Colorado Phone: Tabor 3137 |
| REGION 10— San Francisco, Calif. | Harold S. Ayers 1355 Market Street San Francisco, California Phone: Klondike 2-2300 Herman Schmieter 1031 South Broadway Los Angeles, California Phone: Richmond 1261 |
| REGION 11— Detroit, Mich. | John G. Carroll 7310 Woodward Avenue Detroit, Michigan Phone: Trinity 2-4900 |
| REGION 12— Minneapolis, Minn. | H. M. Richardson 334 Midland Bank Building Minneapolis, Minnesota Phone: Main 3244 |

REPAIRED TUBES

Many stations have been able to maintain adequate tube inventories through the use of repaired tubes. When difficulties are encountered in obtaining new tubes (250 watts or more) it may be well to investigate thoroughly the repair facilities now available. A directory of firms engaged in this work will be found in NAB REPORTS of October 2, 1942, page 580, and October 23, 1942, page 611. If additional information is desired concerning either tube repairing facilities or the dependability of repaired tubes, communicate with the NAB Engineering Department.