

# Taylor HEAVY **CUSTOM BUILT** DUTY Tubes

## IMPROVED—NEW POWER!

### 203B

## THE TUBE YOU HAVE WANTED

**CUTS COSTS IN TWO  
OFFERS BIG PERFORMANCE**

Taylor Tubes has redesigned the 203B. The best tube buy on the market for 75- and 160-meter phone rigs.

The Mu and inter-electrode capacities of the 203B are designed to meet the requirements of 75 and 160-meter transmission. In transmitter operation this tube offers greater efficiency with less drive than types of lower interelectrode capacity tubes.

The 203B is also an outstanding value in Class B audio work. It operates with all regular type 203A Class B audio transformers.

At 1,250 volts, the 203B delivers 300 watts of audio, 200 WATTS IS EASY UNDER STANDARD CONDITIONS.

### NEW CHARACTERISTICS (Type 203B)

|                             |      |
|-----------------------------|------|
| Filament voltage.....       | 10   |
| Filament current amps.....  | 3.85 |
| Amp. factor.....            | 25   |
| Thoriated Tungsten Filament |      |

### Class "C" osc. and power amp.

|                                    |      |
|------------------------------------|------|
| Modulated D. C. volts.....         | 1000 |
| Max. D. C. plate current mls. .... | 150  |
| Max. D. C. grid current mls. ....  | 50   |
| Grid bias normal.....              | —90  |
| Max. plate dissipation watts.....  | 55   |

### Class B as Modulators (Push Pull Operation)

|   | 200 Watt | 300 Watt |
|---|----------|----------|
| D. C. Plate Voltage.....                    | 1000     | 1250     |
| Grid voltage approx.....                    | —35      | —45      |
| Load resistance (plt to plt) ohms.....      | 6800     | 7900     |
| Av. D. C. plate current (2 tubes) mls. .... | 330      | 350      |
| Static plate current (per tube).....        | 20       | 20       |
| Power output (2 tubes) watts.....           | 200      | 300      |

### The 203B Duplicates All Standard 203As in Electrical Characteristics at Half the Cost

The sensationally low price of the 203B is due to the use of a heavy-duty, long life carbonized metal anode instead of a carbon anode. Plate dissipation is naturally less (55 watts instead of 100 watts as in the carbon anode type), however, at the efficiencies normal to amateur transmitter operation, it is easy to run 300 watts input to a pair of 203Bs in Class C with less than the rated plate dissipation.

*See your favorite parts dealer today!!! If he can't supply you, write us at once for full particulars*

**"More Watts Per Dollar"**

**TAYLOR TUBES, INC., 2341 WABANSIA AVE., CHICAGO, ILLINOIS**