RESERVATION # ______ DATE _______ REGISTRATION # _______ DATE ______

SPONSOR: Philco Radio and Television Corporation

TYPE CLASSIFICATION: Half Wave High Vacuum Rectifier

PHYSICAL SPECIFICATIONS:

TYPE CATHODE: Unipotential

PIN CONNECTIONS:

Pin 1 - No Connection
" 2 - Heater
" 3 - No Connection
" 5 - No Connection
" 7 - Heater and Cathode
" 8 - No Connection
Cap - Plate

BASE DESIGNATION: 4AC

TYPE OF TOP CAP: Miniature
TYPE OF BASE: Small Octal 6-pin
TYPE OF BULB: ST-12
MAX. DIAMETER: 1-9/16"
MAX. OVERALL LENGTH: 4-15/32"
MAX. STATED' HEIGHT: 3-29/32"
MOUNTING POSITION: Any

RATING:

Heater Voltage 6.3 volts
Heater Current .70 amp.
Max. Peak Inverse Voltage 14,000 volts
Max. Peak Plate Current 100 ma.
Heating Time 25 seconds

TYPICAL OPERATION: Half Wave

(Either choke or condenser input circuit. With condenser input the condenser should be limited to .5 MF maximum.)

AC Plate Voltage (RMS) 5,000 volts max.
DC Output Current 7.5 ma. max.

COMMENTS:

Type 6Y3G is a half-wave rectifier for use in cathode ray and television circuits where high voltage and low current are required.