

Test & Settings Data For Use With Tube Testers TV-7/U, TV-7A/U, TV-7B/U, '7C/U

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beta 0.97 July 5, 2002

This is a freely available file and my contribution to the hobby. If you paid for it, you got burned trying to SELL my free product or parts of it, I'll nuke their ass good. I've got enough hidden in here to be worth their time. This is a FREE product, period!

There are errors in the original Govt. manuals and the supplements that I compiled. I may or may not have made a few errors myself. As a result, I take NO responsibility for any data or omitted data contained within or missing from this file. Use this file at your own risk.

This file is divided into 6 sections. The first is the *Cover* which you are now reading which gives a brief rundown on the operation of the tester. It is NOT a substitute for the original manuals. Second is *US Set* which contains the tester settings data for "American" tubes. Next is *GM Chart* which contains a comparison of readings to Micromhos. Lastly, the *VT Chart* is a cross reference from the old military to commercially numbered equivalent.

I have drawn on the following documentation as the basis for this project:

TM 11-6625-274-12 dated June 14th of 1960 with changes thru C7 dated Jan 1961
TM 11-6625-274-35 dated June 30th of 1960 with changes thru C5 dated March 1961
TB 11-5083 (T.O. 33AA21-5-1) dated October 9th of 1957 with changes thru C4 dated March 1961
TB 11-6625-274-12/1 (T.O. 33AA21-5-31) dated January 17th of 1962 revised with changes thru C10 dated March 1962

The following supplements (commonly known as "Air Force" supplements to TB 11-6625-274-12/1)

T.O. 33AA21-5-31C dated January 15th of 1965
T.O. 33AA21-5-31E dated December 1st of 1965
T.O. 33AA21-5-31G dated February 15th of 1967
T.O. 33AA21-5-31H dated October 20th of 1969
T.O. 33AA21-5-31J dated November 5th of 1970

T.O. 33AA21-5-31P dated March 1st of 1975
T.O. 33AA21-5-31Q dated September 5th of 1975
T.O. 33AA21-5-31R dated June 15th of 1983
T.O. 33AA21-5-31S dated May 31st of 1985
T.O. 33AA21-5-31T dated December 15th of 1986

The following materials were used for adding listings for tube numbers not listed in any of the other

Aero Electronics Limited (England) Valve Guide 10CV
Assorted settings data for the I-177 and TV-2 series testers in military pub
AVO Valve Data Edition 14 for the CT-160 and VT-160
C.V. Register of Electronic Valves by the Technical Valve Committee 1963 with adm
Dan (TV-7 Guru) Nelson's notes and settings for non listed tubes
General Electric Tube Manual 14
Raytheon Tube Manual 1937
RCA Tube Manuals RC-10 , RC-11 , RC-13 , RC-23 , RC-26, RC-29 , TT-3 ,
Service Valve and Semiconductor Equivalents 6th Edition (1967) by Radio Societ
Sylvania Tube Manuals 1943 , 1947 , 1955
"Tube Lore" by Ludwell Sibley, in addition to scanned data that he was kind enc
United States Armed Forces Cross Index of Electron Tube Types (Augu

Surely there are other manuals containing data that I didn't include because I didn't have access
other data and I'll include it in a later edition. All I need is a clear scan or photocopy of them

I can be contacted either by email, at either of the two addresses listed below, or via conventional mail
copies of additional data for me to add or if you just want to drop a few of bucks in the mail to me for the
went into this project, use the following address:

Nolan E. Lee
Post Office Box 860
Sun, Louisiana 70463-0860
United States of America

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End of Sheet!

TV-7C/U AND TV-7D/U

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**d! In addition, if I catch some looser
identifiers in the data to not make it**

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the original operators manual.
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chart to allow you to convert
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- 9th of 1984.
- 30th of 1976.
- June 16th or 1960.
- C1, C2, and C3.

4-12/1 (T.O. 33AA21-5-31) :

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e@acadiacom.net)

VBOI (Very Basic Operating Instructions) for the TV-7A/U, TV-7B/U, TV-7C/U, and TV-7D/U Tube Testers

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beta 0.97 July 5, 2002

This is NOT a substitute for the operators manual TM 11-6625-274-12 which you should read before using the tester.

Starting Procedure

Before operating the test set, perform the starting procedure below to check the general operation of the equipment.

If the results obtained from the procedures in *b* through *e* below are satisfactory, the test set is ready for operation.

Note: If an abnormal indication is obtained during the starting procedure, refer to the equipment performance check list (paragraph 35 of TM 11-6625-274-12) for corrective measures.

a: Connect the test set to a 115-volt ac, 50 to 1000-cycle per second (cps), power source.

b: Set the POWER switch to the ON position; the PILOT lamp should light.

c: Press pushbutton 1 - LINE ADJ. Rotate the LINE ADJUST control knob until the meter pointer rests over the LINE TEST mark on the meter face.

d: Release pushbutton 1 - LINE ADJ.

e: Check the short test circuit.

(1) Set the left FILAMENT selector at A, the right FILAMENT selector at P, and the GRID, PLATE, SCREEN, CATHODE, and SUPPRESSOR selectors at 0, 0, 0, 2, and 2, respectively.

(2) Rotate the FUNCTION SWITCH through the five SHORTS positions. The neon SHORTS lamp should glow in both positions 2 and 3 of the FUNCTION SWITCH to indicate that the short test circuit is functioning properly.

f: Set the POWER switch to the OFF position.

Operating procedure

The procedures below apply to single section and multipurpose tubes which have more than one set of elements in the same envelope. Test each section or group of elements of a multipurpose tube separately. Test data for the multipurpose tube types are listed by sections (pentode section, triode section, diode section, etc.) on the settings page of this file.

Caution: Do not insert a tube into a test socket until all of the controls have been set in accordance with the instructions listed below!

a: Selectors. The FILAMENT (left and right), GRID, PLATE, SCREEN, CATHODE, and SUPPRESSOR selector switches select the test socket connections so that correct test voltages are supplied to the elements of the tube under test. for clarity, these selector switches will, in some instances, be referred to collectively as "the selectors". When referred to collectively, they are considered in the same order as above.

b: Setting Controls.

(1) Locate the type number of the tube to be tested in the "**Tube Type**" column on the settings page.

(2) Turn the FILAMENT VOLTAGE knob to the position shown in the "**Fil. Voltage**" column on the settings page for that specific number tube.

(3) Set the selectors to the letters and the numbers indicated in the "**Selectors Positions**" column on the settings page. Be sure that the numbers indicated by the selector knobs are the same, if read left to right, as the numbers in the column for that specific tube number in the settings data.

(4) Set the BIAS control to the number indicated in the "**Bias**" column of the settings data for that tube number.

(5) Set the SHUNT control to the number indicated in the "**Shunt**" column for that tube. If there is no settings number listed in that column, then disregard this step and proceed with the steps below.

- (6) Set the FUNCTION SWITCH knob to 1.
- (7) Insert the tube to be tested in the proper socket and, if the instructions in the "**Notations**" column require it, connect connect panel jacks G or P to the tube caps with the test leads.
- (8) Set the POWER switch to the ON position. The PILOT lamp should light..
Note: For tubes of the heater cathode type, allow approximately 10 to 15 seconds for the cathode to reach operating temperature before you test the tube.
- (9) Adjust the meter pointer to the LINE TEST mark on the meter scale as outlined in the Starting Procedure above.
Note: Some tubes, such as the 17DE4 and the 32ET5, require that the meter pointer be set at a position other than the LINE TEST mark. Refer to the "**Notations**" column of the settings data before testing the tube.

c: Shorts Test.

- (1) Turn the FUNCTION SWITCH knob from position 1 to position 5; meanwhile tap the tube lightly and watch the neon SHORTS lamp on each switch position. Tubes with shorted elements will cause the lamp to glow.
Note: Some tubes can be permanently damaged by tapping on them while testing. Check the "**Notations**" column.
- (2) A short is indicated by a steady glow of both halves of the SHORTS lamp. A flash when the switch is turned from one position to another does not indicate a defective tube. Intermittent flashing when the tube is tapped is an indication of the existence of loose elements which can cause noisy or erratic operation.
- (3) Tubes that have more than one section, such as the 25D8, must be tested for shorts on each section.
- (4) Discard a shorted tube without further tests. Ignoring this can damage the tester meter or other parts.
Note: Some tubes will show a shorted condition on certain positions of the FUNCTION SWITCH even though they are good tubes. Check the "**Notations**" column in the settings data for that tube to remarks.
- (5) If the tube is not shorted, other tests may be performed as required.

d: Selection of Range. Turn the FUNCTION SWITCH knob from the SHORTS side of the switch to the RANGES position indicated in the "**Range**" column of the settings data for that tube. This automatically sets the sensitivity of the meter circuit to the proper level for the tube under test.

e: Operating Pushbuttons.

Caution! DO NOT press pushbutton 3 - MUT.COND. While testing rectifier tubes!

- (1) Press the pushbutton indicated in the "**Press to Test**" column of the settings data for the tube being tested.
Caution: Release the pushbutton as soon as the meter pointer comes to rest and the meter indication is read.
If the pushbutton is held depressed too long, the tube under test may be damaged.
- (2) Refer to the "**Notations**" column for specific information pertaining to specific tube types.
- (3) When the correct pushbutton is depressed, the meter will indicate the condition of the tube. Compare the meter reading to the value indicated in the "**Minimum Value**" column of the settings data for that tube.

Gas Test

Pushbutton 4 - GAS 1 and pushbutton 5 - GAS 2 are used when testing amplifier tubes for gas content. Multipurpose tubes are tested for gas content only on the amplifier sections. The gas test Does Not apply to diode sections or to rectifier tubes. Allow tubes of the filament type to warm up before testing the tube for gas content.

- a:** Perform steps **a** through **d** and step **f** in the **Starting Procedure** section above.
- b:** Set the controls as indicated in the settings data for the tube under test.
- c:** Insert the tube in the proper test socket and set the POWER switch to the ON position.
- d:** Hold down pushbutton 4 - GAS 1 and adjust the BIAS control until the meter pointer reads 10 on the scale.
Note: If the meter pointer cannot be adjusted down to 10, turn the BIAS control knob until the meter reading is 100.
- e:** Hold down pushbutton 4 - GAS 1 and press pushbutton 5 - GAS 2.
- f:** If the tube contains gas, the meter pointer will move upwards on the scale. A movement of more than 1 division of the scale indicates a gassy tube.
- g:** Turn off the test set.

Basing Data for use with TV-7/U, TV-7A/U, TV-7B/U, TV-7C/U, and TV-7D/U Tube

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This is NOT a substitute for the operators manual TM 11-6625-274-12 which you should read before u

Subminiature tubes are tested in the SUB. MIN. sockets X109 and X110. See Figure 9 bel

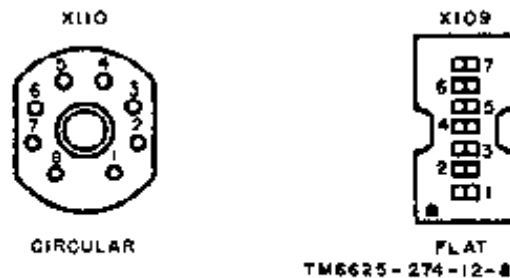


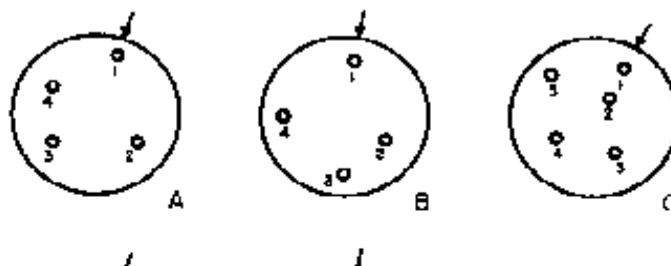
Figure 9. Top view of sockets X109 (flat) and X110 (circular).

Subminiature tubes of the round type with short wire leads or pins are tested in special socket X110. The eight contacts. Several basing arrangements (Figure 10 below) are used with these tubes. The arrow of the tube bases in figure 10 indicate the location of the dot on the base of the tube. Check the NOTATI test data settings and then examine the tube and identify the correct basing to use.

Use octal socket adapter E104 when the subminiature tube has long leads. Insert the leads or pins into contacts of socket X110. If the leads are long enough, set the POWER switch to the OFF position and then bend the leads about one eighth of an inch from its end with the tips of a pair of long nosed pliers and insert the leads in contacts. Then set the POWER switch to the ON position and test the tube.

Subminiature tubes of the flat on in-line contact type are tested in flat socket X109 (Figure 9). The tube pin inserted so that the dot on the tube base is directly in line with the small moulded dot on the

Subminiature type tubes are identified in the test data settings by a star next to the tube number. The ap the various round types is indicated in the NOTATIONS column for that tube number. The basing designi to the diagram shown in Figure 10 below:



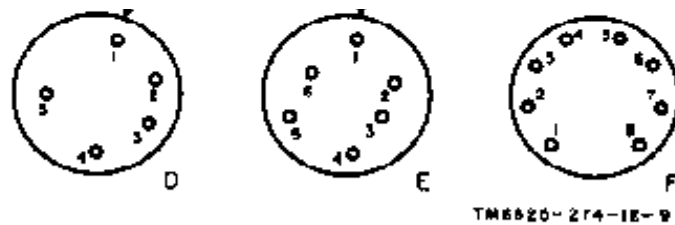


Figure 10. Basing diagrams for subminiature tubes (letters, A, B, C, D, E, and F identify basing for use with test data book).

End of Sheet!

Testers

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Settings Data for use with TV-7/U, TV-7A/U, TV

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Notes:

- 1: Disregard shorts test after GM test is completed. Allow 60 seconds for heater wa
- 2: If the # symbol is listed in the Press column, it means that you hold down DIODE
- 3: If the * symbol is listed after the tube number, it indicates that the basing of the ti
- 4: If any of the columns contain " See Note> " you need to check the notations colu

Tube Type	Fil. Voltage	Selector Positions	Bias	Shunt	Range	Press to Test	Minimum Value
00A	5.0	ER3-2000	33	-	B	3	17
01A	5.0	ER3-2000	48	-	B	3	18
0A2	BLST	AP0-5020	0	32	A	4	40
0A3	-	HP0-5020	0	60	A	4	40
0A4G	-	KR0-5720	100	85	A	4	40
0B2	BLST	AP0-5020	0	40	A	4	40
0B3	-	HP0-5020	0	65	A	4	40
0C2	-	AP0-5020	0	55	A	4	40
0C3	-	HP0-5020	0	60	A	4	40
0D3	-	HP0-5020	0	40	A	4	40
0G3	-	AP0-5020	0	70	A	4	40
0Y4	BLST	HY3-5010	0	53	A	6	40
0Z4	-	HS0-5080	0	70	A	6	40
0Z4	-	HS0-3080	0	70	A	6	40
0Z4A	-	HS0-5080	0	70	A	6	40
0Z4A	-	HS0-3080	0	70	A	6	40
1A3	1.5	HR0-2030	0	0	A	2	28
1A4	2.0	ER0-2300	18	-	B	#	19
1A5	1.5	HS5-3400	43	-	B	3	20
1A6	2.0	GR4-5320	75	-	B	3	11
1A7	1.5	HS5-4630	85	-	B	3	9
1AB5	1.1	JR6-2300	0	-	B	3	36
1AC5*	1.1	EV2-7800	22	-	B	#	10
1AD4	1.1	DV4-1200	28	-	B	3	35
1AD5*	1.1	EV2-7800	0	-	B	#	16
1AE4	1.1	BX6-2300	22	-	B	3	24
1AF4	1.5	BX6-2300	21	-	B	3	18
1AF5	1.5	BX6-5400	0	-	B	#	15
1AF5	1.5	BX0-3000	0	0	A	2	10
1AG4	1.1	DV4-1200	31	-	B	#	18
1AG5	1.1	EW5-1203	40	0	A	4	20
1AG5	1.1	EW0-3000	0	0	A	2	20
1AH4	1.1	FT4-1200	33	0	A	4	40
1AJ4	1.5	HR6-2300	33	-	A	3	36

1AJ5	1.1	EW5-1203	16	-	B	#	11
1AJ5	1.1	EW0-3000	0	18	A	2	40
1AK4	1.1	FT4-1200	33	0	A	4	40
1AK5	1.1	EW5-1203	40	0	A	4	20
1AK5	1.1	EW0-3000	0	0	A	2	20
1AU3	1.1	HS0-0000	0	0	A	4	38
1AX2	1.5	BS0-0000	0	30	A	4	40
1B3	1.1	HS0-0000	0	68	A	4	40
1B4	2.0	ER0-2300	18	-	B	#	16
1B5	2.0	GR5-2000	28	-	B	3	14
1B5	2.0	GR5-4000	0	11	A	2	40
1B5	2.0	GR5-3000	0	21	A	2	40
1B7	1.5	HS5-4630	68	-	B	#	23
1C3	1.5	BX4-2000	37	-	B	3	19
1C5	1.5	HS5-3400	37	-	B	3	19
1C6	2.0	GR4-5320	56	-	B	#	25
1C7	2.0	HS5-4630	56	-	B	#	25
1C8*	1.1	EV8-6702	45	-	B	3	10
1C21	BLST	HP7-5020	0	83	A	4	40
1D5	2.0	HS0-3400	18	-	B	#	19
1D7	2.0	HS5-4630	75	-	B	3	11
1D8	1.5	HS5-3460	50	-	B	3	23
1D8	1.5	HS5-6430	11	-	B	3	14
1D8	1.5	HS5-8430	0	0	A	2	24
1DN5	1.5	BX6-2300	32	-	B	3	16
1DN5	1.5	HR0-4000	0	0	A	2	16
1E3	1.1	EV1-8000	24	-	C	3	38
1E4	1.5	HS5-3000	37	-	B	3	21
1E5	2.0	HS0-3400	18	-	B	#	16
1E7	2.0	HS5-6834	21	-	B	3	29
1E7	2.0	HS4-3865	21	-	B	3	29
1F4	2.0	FR3-2400	23	-	B	3	35
1F5	2.0	HS5-3400	23	-	B	3	35
1F6	2.0	GR0-2300	8	-	B	#	16
1F6	2.0	GR0-5300	0	0	A	2	19
1F6	2.0	GR0-4300	0	0	A	2	22
1F7	2.0	HS0-3600	8	-	B	#	16
1F7	2.0	HS0-4630	0	0	A	2	19
1F7	2.0	HS0-5630	0	0	A	2	22
1G3	1.1	HS0-0000	0	68	A	4	40
1G4	1.5	HS5-3000	49	-	B	3	21
1G5	2.0	HS5-3400	37	-	B	3	38
1G6	1.5	HS5-6000	16	-	B	3	17
1G6	1.5	HS4-3000	16	-	B	3	17
1H2	1.5	BS0-0000	0	55	A	4	32
1H4	2.0	HS5-3000	40	-	B	3	23
1H5	1.5	HS0-3000	16	-	B	3	7
1H5	1.5	HS0-5000	0	0	A	2	40
1H6	2.0	HS6-3000	23	-	B	3	14

1H6	2.0	HS6-5000	0	11	A	2	40
1H6	2.0	HS6-4000	0	21	A	2	40
1J3	1.1	HS0-0000	0	0	A	4	38
1J5	2.0	HS5-3400	45	-	B	3	24
1J6	2,0	HS5-6000	15	-	B	3	25
1J6	2.0	HS4-3000	15	-	B	3	25
1K3	1,1	HS0-0000	0	0	A	4	38
1L4	1,5	HR6-2300	19	-	B	3	26
1L5	2.0	HS5-3400	23	-	B	3	35
1L6	1,5	BX4-5362	65	-	B	3	16
1LA4	1,5	JR6-2300	43	-	B	3	20
1LA6	1,5	JR4-5362	75	-	B	3	14
1LB4	1,5	JR6-2300	51	-	B	3	23
1LB6	1,5	JR6-2437	-	-	-	-	-
1LB6	1,5	JR6-4375	20	-	B	3	19
1LC5	1,5	JR6-2340	0	-	B	#	19
1LC6	1,5	JR6-2534	-	-	-	-	-
1LC6	1,5	JR4-3526	30	-	B	#	14
1LD5	1,5	JR6-2300	0	-	B	#	15
1LD5	1,5	JR6-4300	0	0	A	2	25
1LE3	1,5	JR6-2050	20	-	B	3	30
1LF3	1,5	JR6-2050	20	-	B	3	30
1LG5	1,5	JR6-2340	25	-	B	3	26
1LH4	1,5	JR6-2000	16	-	B	3	7
1LH4	1,5	JR6-4000	0	0	A	2	40
1LN5	1,5	JR6-2340	11	-	B	3	19
1M3	1,5	EV1-8000	0	-	D	4	-
1N2	1,1	HS0-0000	0	68	A	4	40
1N5	1,5	HS0-3400	11	-	B	3	19
1N6	1,5	HS5-3400	43	-	B	3	20
1N6	1,5	HS0-6000	0	0	A	2	18
1P5	1,5	HS0-3400	11	-	B	3	20
1Q5	1,5	HS5-3400	37	-	B	3	53
1Q6*	1,1	EV2-7800	0	-	B	#	8
1Q6*	1,1	EV0-6000	0	0	A	2	10
1R4	1,5	JR0-4070	0	27	A	2	40
1R5	1,5	BX4-3062	68	-	B	3	13
1S2A	1,5	BS0-0000	0	69	A	4	32
1S4	1,5	BX3-2400	31	-	B	#	38
1S5	1,5	BX6-5400	13	-	B	#	13
1S5	1,5	BX0-3400	0	0	A	2	34
1S6*	1,1	EV3-1806	0	-	B	#	9
1S6*	1,1	EV0-6000	0	0	A	2	10

1SA6	1,5	HS4-8630	0	-	B	#	20
1SB6	1,5	HS8-3400	0	-	B	#	16
1SB6	1,5	HS8-5000	0	0	A	2	20
1T4	1,5	BX6-2300	0	-	B	#	19
1T5	1,5	HS5-3400	45	-	B	3	29
1T6*	1,1	EV3-1860	0	-	B	#	5
1T6*	1,1	EV0-6000	0	0	A	2	10
1U4	1,5	BX6-2300	14	-	B	3	22
1U5	1,5	BX6-2300	34	-	B	3	13
1U5	1,5	BX6-4300	0	0	A	2	34
1U6	1,5	BX4-5362	65	-	B	3	12
1V	6,3	ER0-2030	0	53	A	7	40
1V2	0,6	EV0-1000	0	49	A	4	40
1V5*	1,1	EV2-7800	24	-	B	#	18
1V6	1,1	EX3-1206	33	0	A	4	20
1V6	1,1	EX5-6001	50	0	A	4	20
1W4	1,5	BX6-2300	49	-	B	3	23
1W5*	1,1	EV2-7800	33	-	B	3	12
1X2	1,5	BS0-0000	0	68	A	4	40
1Z2	1,5	BS0-0000	0	53	A	4	40
B2A	6,3	HS5-3068	See Note>	90	A	4	40
RE2	7,5	ER0-2000	0	40	A	6	40
ZA2	6,3	GR8-0374	30	-	B	3	18
2A3	2,5	ER3-2000	67	-	C	3	38
2A4	2,5	HS5-3000	See Note>	60	A	7	40
2A5	2,5	GR4-2350	29	-	B	3	50
2A6	2,5	GR0-2050	11	-	B	3	19
2A6	2,5	GR0-4050	0	14	A	2	40
2A6	2,5	GR0-3050	0	14	A	2	40
2A7	2,5	HR5-3462	41	-	B	3	29
2AF4	2,5	ET2-1050	36	-	D	3	23
2AV2	2,0	EV0-9040	0	80	A	4	30?
2B3	1,5	HS0-0000	0	68	A	4	40
2B4	2,5	FR3-2040	See Note>	90	A	4	40
2B6	2,5	HR4-2360	15	-	B	3	38
2B7	2,5	HR0-2360	30	-	B	3	25
2B7	2,5	HR0-5360	0	14	A	2	40
2B7	2,5	HR0-4360	0	14	A	2	40
2B22	6,3	HS0-0080	0	50	A	7	40
2B23	6,3	HS0-3080	0	0	A	6	20
2BN4	2,0	ET2-5010	15	-	D	3	34
2BN4A	2,0	ET2-5010	20	-	D	3	32
2C4	2,5	HR3-5050	See Note>	90	A	4	40
2C21	6,3	HR4-5060	38	-	B	3	34
2C21	6,3	HR0-3020	38	-	B	3	34

2C22	6,3	HS0-0080	13	-	C	3	38
2C26	6,3	HS0-0080	18	-	B	3	38
2C39	6,3	HS6-5080	18	-	E	3	50
2C39	6,3	HS6-5080	78	0	F	3	50
2C40	6,3	HS0-0080	17	-	C	3	35
2C42	6,3	HS0-0080	10	-	D	3	38
2C43	6,3	HS0-0080	17	-	C	3	56
2C45	7,5	ER3-2000	37	-	B	3	55
2C46	6,3	HS0-0080	9	-	B	3	24
2C50	12,6	HY1-2030	41	-	B	3	45
2C50	12,6	HY4-5060	41	-	B	3	45
2C51	6,3	KR7-6082	17	-	D	3	26
2C51	6,3	KR3-4028	17	-	D	3	26
2C52	12,6	HY4-5062	15	-	B	3	25
2C52	12,6	HY1-2035	15	-	B	3	25
2C53	6,3	HS5-0080	0	-	B	3	10
2CW4	2,0	DR4-2080	16	-	D	3	44
2CY5	2,5	ET1-5620	11	-	D	#	25
2D21	6,3	ET1-6025	See Note>	90	A	4	40
2DF4	2,5	EV8-3109	50	52	A	3	50
2EA5	2,5	ET1-5620	10	-	D	3	26
2EN5	2,0	ET0-7056	0	55	A	2	30
2EN5	2,0	ET0-2056	0	-	D	3	49
2ER5	2,0	ET2-5670	10	-	D	3	49
2E5	2,5	GR5-4030	0	100	A	3	-
2E5	2,5	GR5-4230	0	100	A	3	-
2E22	6,3	FR3-0240	0	-	C	3	50
2E24	6,3	HS5-0300	35	-	C	3	40
2E25	6,3	HS5-0408	0	-	C	3	38
2E26	6,3	HS5-0318	37	-	C	3	44
2E30	6,3	ET1-5602	20	-	C	3	38
2E31	1,1	DV4-1200	0	-	B	#	10
2E32	1,1	DV4-1200	0	-	B	#	10
2E35	1,1	DV4-1200	18	-	B	#	15
2E36	1,1	DV4-1200	18	-	B	#	15
2E41	1,1	EW5-1200	20	-	B	#	10
2E41	1,1	EW0-3000	0	0	A	2	5
2E42	1,1	EW5-1200	20	-	B	#	10
2E42	1,1	EW0-3000	0	0	A	2	5
2ES5	2,5	ET2-5010	12	-	D	3	35
2EV5	2,5	ET1-5620	10	-	D	3	43
2FH5	2,5	ET2-5070	13	-	D	3	40
2FQ5	2,5	ET2-5070	15	-	D	3	42
2FS5	2,5	ET1-5670	10	-	D	3	30

2FY5	2,5	ET2-5016	14	-	D	3	50
2G5	2,5	GR5-4030	0	100	A	3	-
2G5	2,5	GR5-4230	0	100	A	3	-
2G21	1,1	EX3-2651	53	0	A	4	20
2G21	1,1	EX3-1000	50	0	A	4	40
2G22	1,1	EX3-2651	53	0	A	4	20
2G22	1,1	EX3-1000	50	0	A	4	40
2GK5	2,5	ET2-5076	30	-	C	3	38
2HA5	2,0	ET1-5076	30	-	B	3	60
2HM5	2,0	ET1-5076	30	-	B	3	60
2HQ5	2,5	ET1-5076	30	-	B	3	54
2S / 4S	2,5	FR0-3040	0	46	A	7	40
2S / 4S	2,5	FR0-2040	0	46	A	7	40
2T4	2,5	ET2-1050	37	-	D	3	25
2V2	2,5	HS0-0050	0	45	A	4	40
2V3	2,5	HS0-0000	0	68	A	4	40
2W3	2,5	JS0-4000	0	0	A	7	40
2X2A	2,5	ER0-0000	0	78	A	4	40
2Z2	2,5	ER0-2000	0	0	A	7	34
3A2	3,0	BS0-0000	0	76	A	4	40
3A3	3,0	HS0-0000	0	62	A	4	40
3A4	2,5	BX4-2300	33	-	B	3	50
3A5	3,0	BX5-6000	32	-	B	3	50
3A5	3,0	BX3-2000	22	-	B	3	50
3A8	2,5	HS0-3400	12	-	B	3	19
3A8	2,5	HS5-6400	12	-	B	3	13
3A8	2,5	HS0-8400	0	0	A	2	40
3AF4A	3,0	ET2-1050	36	-	D	3	23
3AL5	3,0	ET0-7010	0	70	A	2	40
3AL5	3,0	ET0-2050	0	70	A	2	40
3AU6	3,0	ET1-5672	16	-	B	3	58
3AV6	3,0	ET1-7025	12	-	B	3	32
3AV6	3,0	ET1-6025	0	0	A	2	40
3AV6	3,0	ET1-5027	0	0	A	2	40
3AW3	3,0	HS0-0000	0	62	A	4	40
3B2	3,0	HS0-0000	0	54	A	4	40
3B4	2,5	EV3-7100	55	-	B	3	43
3B5	2,5	HS5-3400	60	-	B	3	38
3B7	2,5	JR6-7000	12	-	B	3	38
3B7	2,5	JR3-2000	25	-	B	3	38
3B22	2,5	ER0-2000	0	88	A	4	80
3B22	2,5	ER0-3000	0	88	A	4	80
3B24	2,5	ER0-0000	0	84	A	4	40
3B24	2,5	CR0-0000	0	84	A	4	40
3B25	2,5	ER0-0000	0	90	A	4	40
3B28	2,5	ER0-0000	0	90	A	4	40
3B29	3,0	ER0-0000	0	87	A	4	40

3BA6	3,0	ET1-5672	9	-	C	3	41
3BC5	3,0	ET1-5620	0	-	C	3	40
3BE6	3,0	ET7-5621	-	-	-	-	-
3BE6	3,0	ET1-6027	17	-	D	3	36
3BN4	3,0	ET2-5010	15	-	D	3	34
3BN4A	3,0	ET2-5010	20	-	D	3	32
3BN6	3,0	ET2-7516	0	-	B	3	18
3BN6	3,0	ET6-7512	0	-	B	3	23
3BU8	3,0	EV7-8219	0	-	B	3	33
3BU8	3,0	EV7-3216	0	-	B	3	33
3BX6	3,0	EV2-7819	13	-	C	3	38
3BY6	3,0	ET1-5627	21	-	B	3	30
3BY6	3,0	ET7-5621	21	-	B	#	13
3BZ6	3,0	ET1-5627	20	-	C	3	32
3C2	3,0	HS0-0000	0	72	A	4	40
3C4	2,5	BX6-2300	44	-	B	3	28
3C6	2,5	BY5-6000	10	-	B	3	28
3C6	2,5	JR4-3000	10	-	B	3	28
3C22	6,3	HS0-0000	13	-	D	3	25
3C24	6,3	ER0-0000	0	-	B	3	25
3CB6	3,0	ET1-5627	11	-	D	3	28
3CE5	3,0	ET1-5620	11	-	D	3	28
3CF6	3,0	ET1-5627	11	-	D	3	28
3CS6	3,0	ET1-5627	20	-	B	#	8
3CS6	3,0	ET7-5621	0	-	B	#	12
3CY5	3,0	ET1-5620	11	-	D	#	25
3D21A	12,6	HS6-0480	30	-	D	3	26
3D6	2,5	JR6-2300	37	-	B	3	52
3DG4	3,0	DR0-7000	0	36	A	7	80
3DG4	3,0	DR0-5000	0	36	A	7	80
3DK6	3,0	ET1-5627	8	-	D	3	33
3DT6	3,0	ET1-5627	22	-	B	3	15
3DT6	3,0	ET7-5621	0	-	B	#	10
3EA5	3,0	ET1-5620	10	-	D	3	26
3ER5	3,0	ET2-5670	10	-	D	3	49
3EV5	3,0	ET1-5620	10	-	D	3	43
3E5	2,5	BX6-2350	29	-	B	#	30
3E6	3,0	JR6-2340	15	-	B	3	40
3E29	6,3	HS4-5613	0	-	D	3	20
3E29	6,3	HS4-8613	0	-	D	3	20
3EH7	3,0	EV2-7819	10	-	D	3	65
3EJ7	3,0	EV2-7819	10	-	D	3	39
3FH5	3,0	ET2-5070	13	-	D	3	40
3FQ5	3,0	ET2-5070	15	-	D	3	42
3FS5	3,0	ET1-5670	10	-	D	3	30
3FY5	3,0	ET2-5070	14	-	D	3	50
3GK5	3,0	ET2-5076	30	-	C	3	38
3GS8	3,0	EV7-8219	0	-	B	3	28
3GS8	3,0	EV7-3216	0	-	B	3	28

3HM5	3,0	ET1-5076	30	-	B	3	60
3HQ5	3,0	ET1-5076	30	-	B	3	54
3KT6	3,0	EV2-7819	22	-	C	3	52
3LE4	2,5	JR6-2300	55	-	B	3	28
3LF4	2,5	JR6-2300	30	-	B	3	48
3Q4	3,0	HR3-2400	24	-	B	3	54
3Q5	2,5	HS5-3400	38	-	B	3	45
3S4	2,5	HR3-2400	28	-	B	#	38
3V4	3,0	BX6-2300	31	-	B	3	50
4A6	3,0	HS5-6000	16	-	B	3	25
4A6	3,0	CX4-3000	16	-	B	3	25
4AU6	4,3	ET1-5672	16	-	B	3	58
4AV6	4,3	ET1-7025	12	-	B	3	32
4AV6	4,3	ET1-6025	0	0	A	2	40
4AV6	4,3	ET1-5027	0	0	A	2	40
4B31	-	-	-	-	-	-	-
4BA6	4,3	ET1-5672	9	-	C	3	41
4BC5	4,3	ET1-5620	0	-	C	3	40
4BC8	4,3	EV7-6089	15	-	D	3	31
4BC8	4,3	EV2-1039	15	-	D	3	31
4BE6	4,3	ET7-5621	-	-	-	-	-
4BE6	4,3	ET1-6027	17	-	D	3	36
4BL8	4,3	EV2-6371	19	-	C	3	34
4BL8	4,3	EV9-1086	34	-	C	3	36
4BN4	4,3	ET2-5010	15	-	D	3	34
4BN6	4,3	ET2-7516	0	-	B	3	18
4BN6	4,3	ET6-7512	0	-	B	3	23
4BQ7A	4,3	EV7-6089	14	-	D	3	32
4BQ7A	4,3	EV2-1039	14	-	D	3	32
4BS8	4,3	EV7-6089	17	-	D	3	36
4BS8	4,3	EV2-1039	17	-	D	3	36
4BU8	4,3	EV7-8219	0	-	B	3	33
4BU8	4,3	EV7-3216	0	-	B	3	33
4BX8	4,3	EV7-6089	24	-	D	3	25
4BX8	4,3	EV2-1039	24	-	D	3	25
4BZ6	4,3	ET1-5627	20	-	C	3	32
4BZ7	4,3	EV7-6089	17	-	D	3	34
4BZ7	4,3	EV2-1039	17	-	D	3	34
4BZ8	4,3	EV7-6089	16	-	D	3	30
4BZ8	4,3	EV2-1039	16	-	D	3	30
4CB6	4,3	ET1-5627	11	-	D	3	28
4CE5	4,3	ET1-5620	11	-	D	3	28
4CS6	4,3	ET1-5627	20	-	B	#	8
4CS6	4,3	ET7-5621	0	-	B	#	12
4CY5	4,3	ET1-5620	11	-	D	#	25
4D32	6,3	HR6-0240	55	-	B	3	33
4DE6	4,3	ET1-5627	11	-	D	3	28
4DK6	4,3	ET1-5627	8	-	D	3	33
4DT6	4,3	ET1-5627	22	-	B	3	15

4DT6	4,3	ET7-5621	0	-	B	#	10
4EH7	4,3	EV2-7819	10	-	D	3	65
4EJ7	4,3	EV2-7819	10	-	D	3	39
4ES8	4,3	EV7-6080	20	-	D	3	50
4ES8	4,3	EV2-1030	20	-	D	3	50
4EW6	4,3	ET1-5627	26	-	B	3	52
4GJ7	4,3	EV2-6710	25	-	B	3	60
4GJ7	4,3	EV9-8030	40	-	B	3	44
4GK5	4,3	ET2-5076	30	-	C	3	38
4GS8	4,3	EV7-8219	0	-	B	3	28
4GS8	4,3	EV7-3216	0	-	B	3	28
4HA5	4,3	ET1-5076	30	-	B	3	60
4HQ5	4,3	ET1-5076	30	-	B	3	54
4HS8	4,3	EV7-8219	10	-	B	3	20
4HS8	4,3	EV7-3216	10	-	B	3	20
5A6	5,0	EV7-1603	46	-	C	3	38
5AM8	5,0	EV2-6319	7	-	D	3	25
5AM8	5,0	EV0-8070	0	70	A	2	40
5AN8	5,0	EV8-6791	7	-	D	3	31
5AN8	5,0	EV2-1736	21	-	C	3	42
5AQ4	5,0	JS0-6000	0	60	A	7	40
5AQ4	5,0	JS0-4000	0	60	A	7	40
5AQ5	5,0	ET1-5620	21	-	C	3	46
5AR4	5,0	JS0-6000	0	70	A	7	40
5AR4	5,0	JS0-4000	0	70	A	7	40
5AS4	5,0	JS0-6000	0	47	A	7	40
5AS4	5,0	JS0-4000	0	42	A	7	40
5AS8	5,0	EV2-9137	11	-	D	3	28
5AS8	5,0	EV0-6087	0	70	A	2	40
5AT8	5,0	EV9-6738	9	-	D	3	23
5AT8	5,0	EV1-2038	15	-	D	3	23
5AU4	5,0	JS0-6000	0	58	A	7	40
5AU4	5,0	JS0-4000	0	53	A	7	40
5AV8	5,0	EV6-9870	7	-	D	3	31
5AV8	5,0	EV2-3010	21	-	C	3	42
5AW4	5,0	JS0-6004	0	50	A	7	40
5AW4	5,0	JS0-4006	0	45	A	7	40
5AX4	5,0	JS0-6000	0	0	A	7	40
5AX4	5,0	JS0-4000	0	0	A	7	40
5AZ4	5,0	JS0-4006	0	0	A	7	40
5AZ4	5,0	JS0-6004	0	0	A	7	40
5B8	5,0	EV6-9871	7	-	D	3	31
5B8	5,0	EV2-3019	24	-	C	3	42
5BE8	5,0	EV9-6783	20	-	B	3	57
5BE8	5,0	EV1-2030	16	-	C	3	57
5BK7A	5,0	EV7-6089	8	-	D	3	43
5BK7A	5,0	EV2-1039	8	-	D	3	43
5BQ7A	5,0	EV7-6089	14	-	D	3	32
5BQ7A	5,0	EV2-1039	14	-	D	3	32
5BR8	5,0	EV9-6780	15	-	B	3	57
5BR8	5,0	EV1-2030	16	-	C	3	57

5BS8	5,0	EV7-6089	17	-	D	3	36
5BS8	5,0	EV2-1039	17	-	D	3	36
5BT8	5,0	EV8-6790	11	-	D	3	28
5BT8	5,0	EV0-1030	0	50	A	2	40
5BT8	5,0	EV0-2030	0	50	A	2	40
5BW8	5,0	EV6-9870	15	-	B	3	57
5BW8	5,0	EV0-3020	0	70	A	2	40
5BW8	5,0	EV0-1020	0	70	A	2	40
5BZ7	5,0	EV7-6089	17	-	D	3	34
5BZ7	5,0	EV2-1039	17	-	D	3	34
5C22	-	-	-	-	-	-	-
5CG8	5,0	EV9-6780	9	-	D	3	23
5CG8	5,0	EV1-2030	15	-	D	3	23
5CL8	5,0	EV9-6780	8	-	D	3	20
5CL8	5,0	EV1-2030	12	-	D	3	35
5CM6	5,0	EV3-9170	21	-	C	3	46
5CM8	5,0	EV2-6730	11	-	D	3	28
5CM8	5,0	EV9-1080	18	-	B	3	25
5CQ8	5,0	EV2-6730	18	-	C	3	38
5CQ8	5,0	EV9-1080	22	-	C	3	44
5CU4	5,0	JS0-6010	0	70	A	7	32
5CU4	5,0	JS0-4010	0	70	A	7	32
5CZ5	5,0	EV3-9170	15	-	C	3	60
5DH8	5,0	EV9-6738	10	-	D	3	26
5DH8	5,0	EV1-2030	27	-	B	3	47
5DJ4	5,0	JS0-6000	0	50	A	7	40
5DJ4	5,0	JS0-4000	0	44	A	7	40
5EA8	5,0	EV2-6730	0	-	D	3	28
5EA8	5,0	EV9-1080	10	-	D	3	46
5EH8	5,0	EV7-9860	22	-	B	3	53
5EH8	5,0	EV2-3010	24	-	C	3	51
5ES8	5,0	EV7-6080	20	-	D	3	50
5ES8	5,0	EV2-1030	20	-	D	3	50
5EU8	5,0	EV7-1980	0	-	D	3	28
5EU8	5,0	EV2-3060	10	-	D	3	46
5EW6	5,0	ET1-5627	26	-	B	3	52
5FG7	5,0	EV9-6780	19	-	C	3	36
5FG7	5,0	EV1-2030	29	-	C	3	35
5FV8	5,0	EV9-6780	10	-	C	3	50
5FV8	5,0	EV1-2030	16	-	D	3	38
5GH8	5,0	EV2-6370	19	-	C	3	38
5GH8	5,0	EV9-1080	13	-	D	3	42
5GJ7	5,0	EV2-6710	25	-	B	3	60
5GJ7	5,0	EV9-8030	40	-	B	3	44
5GM6	5,0	ET1-5627	10	-	D	3	38
5HZ6	5,0	ET1-5627	16	-	B	3	40
5J6	5,0	ET5-2070	18	-	D	3	23
5J6	5,0	ET6-1070	15	-	D	3	23
5KT6	5,0	EV2-7819	22	-	C	3	52
5KT8	5,0	EV7-9860	15	-	C	3	57
5KT8	5,0	EV2-3010	26	-	B	3	38

5R4	5,0	JS0-6000	0	39	A	7	40
5R4	5,0	JS0-4000	0	36	A	7	40
5T4	5,0	JS0-6000	0	54	A	7	40
5T4	5,0	JS0-4000	0	47	A	7	40
5T8	5,0	EV8-9076	11	-	B	3	30
5T8	5,0	EV0-6071	0	70	A	2	40
5T8	5,0	EV0-2036	0	70	A	2	40
5T8	5,0	EV0-1078	0	70	A	2	40
5U4	5,0	JS0-6000	0	47	A	7	40
5U4	5,0	JS0-4000	0	42	A	7	40
5U8	5,0	EV2-6370	15	-	B	3	57
5U8	5,0	EV9-1080	16	-	C	3	57
5V3	5,0	JS0-6004	0	58	A	7	40
5V3	5,0	JS0-4006	0	53	A	7	40
5V4	5,0	JS0-6000	0	60	A	7	40
5V4	5,0	JS0-4000	0	60	A	7	40
5V6	5,0	HS5-3481	21	-	C	3	46
5W4	5,0	JS0-6000	0	16	A	7	40
5W4	5,0	JS0-4000	0	0	A	7	40
5X3	5,0	ER0-3000	0	0	A	7	40
5X3	5,0	ER0-2000	0	0	A	7	40
5X4	5,0	HY0-5000	0	47	A	7	40
5X4	5,0	HY0-3000	0	42	A	7	40
5X8	5,0	EV7-9861	9	-	D	3	23
5X8	5,0	EV2-3861	15	-	D	3	23
5Y3	5,0	JS0-6000	0	0	A	7	40
5Y3	5,0	JS0-4000	0	0	A	7	40
5Y4	5,0	HY0-5000	0	0	A	7	40
5Y4	5,0	HY0-3000	0	0	A	7	40
5Z3	5,0	ER0-3000	0	47	A	7	40
5Z3	5,0	ER0-2000	0	42	A	7	40
5Z4	5,0	JS0-6000	0	64	A	7	40
5Z4	5,0	JS0-4000	0	64	A	7	40
6A3	6,3	ER3-2000	67	-	C	3	38
6A4	6,3	FR3-2400	28	-	B	3	50
6A5	6,3	HS5-3000	67	-	C	3	38
6A6	6,3	HR5-6040	12	-	B	3	38
6A6	6,3	HR3-2040	12	-	B	3	38
6A7	6,3	HR5-3462	41	-	B	3	29
6A8	6,3	HS5-4683	41	-	B	3	29
6AB4	6,3	ET6-1070	10	-	C	3	50
6AB5	6,3	GR5-4030	0	100	A	3	-
6AB5	6,3	GR5-4230	0	100	A	3	-
6AB6	6,3	HS5-3480	0	-	B	3	37
6AB7	6,3	HS4-8653	0	-	C	3	44
6AB8	6,3	EV9-6837	24	-	C	3	35
6AB8	6,3	EV2-1030	35	-	B	3	20
6AC5	6,3	HS5-3080	0	-	B	3	21
6AC6	6,3	HS5-3480	0	-	B	3	60
6AC7	6,3	HS4-8653	10	-	D	3	30

6AC10	6,3	BT9-2040	30	-	B	3	28
6AC10	6,3	BS7-5060	30	-	B	3	28
6AC10	6,3	BV4-2030	30	-	B	3	28
6AD4*	6,3	DU2-1050	28	-	B	3	18
6AD4*	6,3	DW1-8050	28	-	B	3	18
6AD6	6,3	HS4-3580	0	100	A	3	-
6AD6	6,3	HS3-4580	0	100	A	3	-
6AD7	6,3	HS5-3486	29	-	B	3	50
6AD7	6,3	HS1-6083	0	-	B	3	15
6AD10	6,3	BU8-3290	37	-	B	3	51
6AD10	6,3	BU3-7625	18	-	B	3	32
6AE5	6,3	HS5-3080	68	-	B	3	30
6AE6	6,3	HS5-4083	0	-	B	3	22
6AE6	6,3	HS5-3084	0	-	B	3	19
6AE7	6,3	HS6-3084	33	-	B	3	38
6AE7	6,3	HS4-3056	33	-	B	3	38
6AF3	6,3	EV0-0820	0	38	A	See Note >	60
6AF4	6,3	ET2-1050	36	-	D	3	23
6AF5	6,3	HS5-3080	51	-	B	3	38
6AF6	6,3	HS4-3580	0	100	A	3	-
6AF6	6,3	HS3-4580	0	100	A	3	-
6AF9	6,3	FW8-1970	29	-	B	3	58
6AF9	6,3	FW1-4320	28	-	B	3	44
6AF11	6,3	BV4-2390	20	-	C	3	63
6AF11	6,3	BS6-8050	27	-	B	3	55
6AF11	6,3	BS3-4070	20	-	B	3	55
6AG5	6,3	ET1-5620	10	-	D	3	20
6AG7	6,3	HS4-8651	10	-	D	3	30
6AG11	6,3	BS8-7090	30	-	B	3	42
6AG11	6,3	BS5-6040	30	-	B	3	42
6AG11	6,3	BU0-2030	0	60	A	2	35
6AG11	6,3	BU0-3020	0	60	A	2	35
6AH4	6,3	HS1-5080	47	-	C	3	57
6AH5	6,3	HS6-4180	23	-	D	3	25
6AH6	6,3	ET1-5672	10	-	D	3	30

6AH7	6,3	HY5-6043	20	-	B	3	50
6AH7	6,3	HY1-3026	20	-	B	3	50
6AJ4	6,3	JX1-5020	9	-	D	3	50
6AJ5	6,3	ET1-5620	12	-	D	#	14
6AJ6	6,3	HS5-3481	23	-	C	3	50
6AJ7	6,3	HS4-8653	10	-	D	3	30
6AJ8	6,3	EV2-6137	13	-	B	3	50
6AJ8	6,3	EV9-8036	26	-	B	3	50
6AK4*	6,3	DW1-8057	24	-	D	3	19
6AK5	6,3	ET1-5620	10	-	D	3	22
6AK6	6,3	ET1-5672	23	-	B	3	53
6AK7	6,3	HS4-8651	10	-	D	3	30
6AK8	6,3	EV8-9070	11	-	B	3	30
6AK8	6,3	EV0-6070	0	0	A	2	40
6AK8	6,3	EV0-2030	0	70	A	2	40
6AK8	6,3	EV0-1070	0	70	A	2	40
6AL3	6,3	EV0-0090	0	74	A	See Note >	36
6AL5	6,3	ET0-7010	0	70	A	2	40
6AL5	6,3	ET0-2050	0	70	A	2	40
6AL6	6,3	HS5-0480	23	-	D	3	25
6AL7	6,3	HS6-3580	Vary	100	A	3	-
6AL7	6,3	HS5-3480	Vary	100	A	3	-
6AL7	6,3	HS4-3580	Vary	100	A	3	-
6AL11	6,3	BU8-3290	35	-	B	3	62
6AL11	6,3	BV3-6724	8	-	B	3	18
6AM4	6,3	JX1-5020	10	-	D	3	35
6AM5	6,3	ET1-5720	27	-	C	3	33
6AM6	6,3	ET1-5726	10	-	D	3	25
6AM8	6,3	EV2-6319	7	-	D	3	25
6AM8	6,3	EV0-8070	0	70	A	2	40
6AN4	6,3	ET2-1050	6	-	D	3	40
6AN5	6,3	ET1-5670	0	-	D	#	30
6AN6	6,3	HR0-5060	0	25	A	2	40
6AN6	6,3	HR0-4060	0	25	A	2	40
6AN6	6,3	HR0-3060	0	25	A	2	40
6AN6	6,3	HR0-2060	0	25	A	2	40
6AN8	6,3	EV8-6791	7	-	D	3	31
6AN8	6,3	EV2-1736	21	-	C	3	42
6AQ4	6,3	ET1-7050	10	-	D	3	41
6AQ5	6,3	ET1-5620	21	-	C	3	46
6AQ6	6,3	ET1-7020	6	-	B	3	29
6AQ6	6,3	ET0-6020	0	0	A	2	40
6AQ6	6,3	ET0-5020	0	0	A	2	40
6AQ7	6,3	HY4-5026	13	-	B	3	25
6AQ7	6,3	HY4-1026	0	30	A	2	40
6AQ7	6,3	HY4-3026	0	30	A	2	40
6AQ8	6,3	EV7-6089	10	-	C	3	50

6AQ8	6,3	EV2-1039	10	-	C	3	50
6AR5	6,3	ET1-5620	34	-	B	3	40
6AR6	6,3	GY7-3510	34	-	D	3	27
6AR8	6,3	EV6-9372	25	-	B	3	35
6AR8	6,3	EV6-8372	25	-	B	3	35
6AR11	6,3	BS4-8937	12	-	C	3	51
6AR11	6,3	BX5-2364	12	-	C	3	51
6AS5	6,3	ET2-7610	25	-	D	3	28
6AS6	6,3	ET1-5627	14	-	B	3	44
6AS7	6,3	HY4-5062	100	-	C	3	36
6AS7	6,3	HY1-2035	100	-	C	3	36
6AS8	6,3	EV2-9137	11	-	D	3	28
6AS8	6,3	EV0-6087	0	70	A	2	40
6AT6	6,3	ET1-7020	18	-	B	3	30
6AT6	6,3	ET1-6020	0	0	A	2	40
6AT6	6,3	ET1-5020	0	0	A	2	20
6AT8	6,3	EV9-6738	9	-	D	3	23
6AT8	6,3	EV1-2038	15	-	D	3	23
6AU4	6,3	HY0-5030	0	66	A	7	40
6AU5	6,3	HS1-5830	41	-	C	3	36
6AU6	6,3	ET1-5672	16	-	B	3	58
6AU7	6,3	EV7-6080	24	-	B	3	56
6AU7	6,3	EV2-1030	24	-	B	3	56
6AU8	6,3	EV7-9860	10	-	D	3	30
6AU8	6,3	EV2-3010	9	-	D	3	25
6AV5	6,3	HS1-5830	50	-	C	3	49
6AV6	6,3	ET1-7025	12	-	B	3	32
6AV6	6,3	ET1-6025	0	0	A	2	40
6AV6	6,3	ET1-5027	0	0	A	2	40
6AV11	6,3	BT9-2040	24	-	B	3	56
6AV11	6,3	BS7-5060	24	-	B	3	56
6AV11	6,3	BV4-2030	24	-	B	3	56
6AW7	6,3	HY2-6010	8	-	B	3	23
6AW7	6,3	HY2-3050	0	65	A	2	40
6AW7	6,3	HY2-4010	0	65	A	2	40
6AW8	6,3	EV7-9863	14	-	D	3	38
6AW8	6,3	EV2-3019	9	-	D	3	20
6AX3	6,3	BS0-4070	0	54	A	7	40
6AX4	6,3	HY0-5030	0	54	A	7	40
6AX5	6,3	HS0-5083	0	12	A	7	40
6AX5	6,3	HS0-3085	0	12	A	7	40
6AX6	6,3	HS0-5080	0	65	A	7	40
6AX6	6,3	HS0-3040	0	65	A	7	40
6AX7	6,3	EV7-6080	12	-	B	3	32
6AX7	6,3	EV2-1030	12	-	B	3	32

6AX8	6,3	EV2-6370	15	-	B	3	57
6AX8	6,3	EV9-1080	16	-	C	3	57
6AY3	6,3	EV0-2090	0	38	A	7	50
6AY11	6,3	BS8-7090	20	-	B	3	26
6AY11	6,3	BS5-6040	20	-	B	3	26
6AY11	6,3	BU0-2030	0	60	A	2	35
6AY11	6,3	BU0-3020	0	60	A	2	35
6AZ5	6,3	DW0-8070	0	60	A	2	40
6AZ5	6,3	DW0-1020	0	60	A	2	40
6AZ6*	6,3	DW0-2048	0	65	A	2	40
6AZ6*	6,3	DW0-7058	0	65	A	2	40
6AZ8	6,3	EV6-1230	7	-	D	3	30
6AZ8	6,3	EV9-8070	21	-	C	3	42
6B4	6,3	HS5-3000	67	-	C	3	38
6B5	6,3	GR4-2350	0	-	B	3	38
6B6	6,3	HS0-3080	11	-	B	3	19
6B6	6,3	HS0-5080	0	14	A	2	40
6B6	6,3	HS0-4080	0	14	A	2	40
6B7	6,3	HR0-2360	30	-	B	3	25
6B7	6,3	HR0-5360	0	14	A	2	40
6B7	6,3	HR0-4360	0	14	A	2	40
6B8	6,3	HS0-3681	24	-	B	3	29
6B8	6,3	HS0-5681	0	14	A	2	40
6B8	6,3	HS0-4681	0	14	A	2	40
6B10	6,3	BV3-4020	29	-	C	3	28
6B10	6,3	BS5-6070	29	-	C	3	28
6B10	6,3	BS0-8090	0	53	A	2	40
6B10	6,3	BS0-8090	0	53	A	2	40
6BA5*	6,3	DW1-5780	16	-	B	3	54
6BA6	6,3	ET1-5672	9	-	C	3	41
6BA7	6,3	EV7-9136	-	-	-	-	-
6BA7	6,3	EV2-1037	10	-	D	3	40
6BA8	6,3	EV7-9860	11	-	D	3	30
6BA8	6,3	EV2-3010	29	-	C	3	34
6BA11	6,3	BS4-6387	10	-	B	3	19
6BA11	6,3	BW4-2385	10	-	B	3	19
6BA11	6,3	BU9-3020	33	-	B	3	45
6BC4	6,3	EV2-1060	10	-	D	3	50
6BC5	6,3	ET1-5620	0	-	C	3	40

6BC7	6,3	EV0-8090	0	71	A	2	40
6BC7	6,3	EV0-6070	0	71	A	2	40
6BC7	6,3	EV0-2010	0	71	A	2	40
6BC8	6,3	EV7-6089	15	-	D	3	31
6BC8	6,3	EV2-1039	15	-	D	3	31
6BD5	6,3	HS1-5830	18	-	D	3	25
6BD6	6,3	ET1-5672	19	-	B	3	50
6BD11	6,3	BT5-2490	27	-	C	3	38
6BD11	6,3	BS6-8050	29	-	B	3	38
6BD11	6,3	BS3-4070	24	-	B	3	54
6BE6	6,3	ET7-5621	-	-	-	-	-
6BE6	6,3	ET1-6027	17	-	D	3	36
6BE7	6,3	EV7-1639	29	-	B	3	25
6BE8	6,3	EV9-6783	20	-	B	3	57
6BE8	6,3	EV1-2030	16	-	C	3	57
6BF5	6,3	ET1-5620	49	-	C	3	43
6BF6	6,3	ET1-7020	18	-	B	3	48
6BF6	6,3	ET1-6020	0	0	A	2	40
6BF6	6,3	ET1-5020	0	0	A	2	40
6BF7*	6,3	DW7-8050	22	-	C	3	31
6BF7*	6,3	DW2-1040	22	-	C	3	31
6BF11	6,3	BS8-3490	31	-	D	3	33
6BF11	6,3	BY3-7625	26	-	B	3	10
6BG6	6,3	HS5-0830	18	-	D	3	30
6BG7*	6,3	DW7-8050	22	-	C	3	31
6BG7*	6,3	DW2-1040	22	-	C	3	31
6BH6	6,3	ET1-5627	15	-	B	3	50
6BH8	6,3	EV7-9860	8	-	D	3	30
6BH8	6,3	EV2-3010	29	-	C	3	42
6BH11	6,3	BU8-2930	19	-	C	3	38
6BH11	6,3	BS6-7050	13	-	D	3	43
6BH11	6,3	BV4-3020	13	-	D	3	42
6BJ6	6,3	ET1-5627	0	-	C	3	48
6BJ7	6,3	EV0-8093	0	71	A	2	40
6BJ7	6,3	EV0-6073	0	71	A	2	40
6BJ7	6,3	EV0-2013	0	71	A	2	40
6BJ8	6,3	EV8-7090	24	-	C	3	35
6BJ8	6,3	EV0-6030	0	70	A	2	40
6BJ8	6,3	EV0-1020	0	70	A	2	40
6BK4	6,3	HS0-5010	0	70	A	2	17
6BK5	6,3	EV3-1860	0	-	D	3	28
6BK6	6,3	ET1-7025	6	-	B	3	32
6BK6	6,3	ET0-6025	0	40	A	2	40

6BK6	6,3	ET0-5027	0	40	A	2	40
6BK7	6,3	EV7-6089	8	-	D	3	43
6BK7	6,3	EV2-1039	8	-	D	3	43
6BL4	6,3	HY0-1030	0	69	A	7	40
6BL7	6,3	HY1-2030	24	-	D	3	25
6BL7	6,3	HY4-5060	24	-	D	3	25
6BL8	6,3	EV2-6371	19	-	C	3	34
6BL8	6,3	EV9-1086	34	-	C	3	36
6BM8	6,3	EV3-6720	32	-	C	3	56
6BM8	6,3	EV1-9080	14	-	B	3	41
6BN4	6,3	ET2-5010	15	-	D	3	34
6BN4A	6,3	ET2-5010	20	-	D	3	32
6BN5	6,3	EV2-7930	30	-	C	3	50
6BN6	6,3	ET2-7516	0	-	B	3	18
6BN6	6,3	ET6-7512	0	-	B	3	23
6BN8	6,3	EV8-7090	15	-	D	3	13
6BN8	6,3	EV0-6030	0	70	A	2	40
6BN8	6,3	EV0-1020	0	70	A	2	40
6BQ5	6,3	EV2-7930	30	-	C	3	50
6BQ6	6,3	HS5-0480	50	-	C	3	56
6BQ7	6,3	EV7-6080	17	-	D	3	26
6BQ7	6,3	EV2-1030	17	-	D	3	26
6BQ7A	6,3	EV7-6089	14	-	D	3	32
6BQ7A	6,3	EV2-1039	14	-	D	3	32
6BR5	6,3	EV1-9020	60	-	D	3	-
6RB5	6,3	EV1-9020	10	-	D	3	-
6BR7	6,3	EV2-7839	28	-	B	3	26
6BR8	6,3	EV9-6780	15	-	B	3	57
6BR8	6,3	EV1-2030	16	-	C	3	57
6BS3	6,3	EV0-2090	0	60	A	7	42
6BS7	6,3	EV0-7839	28	-	B	3	26
6BS8	6,3	EV7-6089	17	-	D	3	36
6BS8	6,3	EV2-1039	17	-	D	3	36
6BT6	6,3	ET1-7020	13	-	B	3	33
6BT6	6,3	ET1-6020	0	40	A	2	40
6BT6	6,3	ET1-5020	0	40	A	2	40
6BT8	6,3	EV8-6790	11	-	D	3	28
6BT8	6,3	EV0-1030	0	50	A	2	40
6BT8	6,3	EV0-2030	0	50	A	2	40
6BU6	6,3	ET1-7020	34	-	B	3	38
6BU6	6,3	ET1-6020	0	40	A	2	40
6BU6	6,3	ET1-5020	0	40	A	2	40
6BU8	6,3	EV7-8219	0	-	B	3	33
6BU8	6,3	EV7-3216	0	-	B	3	33
6BV8	6,3	EV2-3010	18	-	D	3	28
6BV8	6,3	EV0-9070	0	70	A	2	40
6BV8	6,3	EV0-6080	0	70	A	2	40
6BW4	6,3	EV0-7091	0	15	A	7	40
6BW4	6,3	EV0-1097	0	15	A	7	40

6BW6	6,3	EV2-7839	21	-	C	3	46
6BW8	6,3	EV6-9870	15	-	B	3	57
6BW8	6,3	EV0-3020	0	70	A	2	40
6BW8	6,3	EV0-1020	0	70	A	2	40
6BW11	6,3	BU3-8927	10	-	D	3	30
6BW11	6,3	BX3-5426	26	-	b	3	52
6BX6	6,3	EV2-7819	13	-	C	3	38
6BX7	6,3	HY4-5062	33	-	D	3	38
6BX7	6,3	HY1-2035	33	-	D	3	38
6BX8	6,3	EV7-6089	24	-	D	3	25
6BX8	6,3	EV2-1039	24	-	D	3	25
6BY5	6,3	HS0-4010	0	50	A	7	40
6BY5	6,3	HS0-5080	0	50	A	7	40
6BY6	6,3	ET1-5627	21	-	B	3	30
6BY6	6,3	ET7-5621	21	-	B	#	13
6BY7	6,3	EV2-7819	14	-	D	3	23
6BY8	6,3	EV1-7892	16	-	B	3	58
6BY8	6,3	EV0-6030	0	70	A	2	40
6BZ6	6,3	ET1-5627	20	-	C	3	32
6BZ7	6,3	EV7-6089	17	-	D	3	34
6BZ7	6,3	EV2-1039	17	-	D	3	34
6BZ8	6,3	EV7-6089	16	-	D	3	30
6BZ8	6,3	EV2-1039	16	-	D	3	30
6C4	6,3	ET6-1070	24	-	B	3	55
6C5	6,3	HS5-3080	21	-	B	3	50
6C6	6,3	GR0-2354	21	-	B	3	31
6C7	6,3	HR0-2060	29	-	B	3	31
6C7	6,3	HR0-5060	0	0	A	2	40
6C7	6,3	HR0-4060	0	0	A	2	40
6C8	6,3	HS5-6080	17	-	B	3	25
6C8	6,3	HS0-3040	17	-	B	3	25
6C10	6,3	BT9-2040	12	-	B	3	32
6C10	6,3	BS7-5060	12	-	B	3	32
6C10	6,3	BV4-2030	12	-	B	3	32
6CA4	6,3	EV0-7030	0	59	A	7	40
6CA4	6,3	EV0-1030	0	59	A	7	40
6CA5	6,3	ET2-7610	25	-	D	3	30
6CA7	6,3	HS5-3481	25	-	D	3	30
6CB5	6,3	HS4-0130	39	-	D	3	35
6CB6	6,3	ET1-5627	11	-	D	3	28
6CD6	6,3	HS5-0830	42	-	D	3	33

6CD7	6,3	HS4-5080	See Note>	100	E	4	-
6CE5	6,3	ET1-5620	11	-	D	3	28
6CF6	6,3	ET1-5627	11	-	D	3	28
6CG7	6,3	EV7-6089	23	-	B	3	50
6CG7	6,3	EV2-1039	23	-	B	3	50
6CG8	6,3	EV9-6780	9	-	D	3	23
6CG8	6,3	EV1-2030	15	-	D	3	23
6CH6	6,3	EV2-7839	0	-	D	3	46
6CH7	6,3	EV7-6080	17		D	3	34
6CH7	6,3	EV2-1030	17	-	D	3	34
6CH8	6,3	EV7-2360	7	-	D	3	31
6CH8	6,3	EV8-9010	21	-	C	3	42
6CJ3	6,3	EV0-2090	0	70	A	7	40
6CJ6	6,3	EV2-0731	54	-	C	3	58
6CK4	6,3	HS1-5080	56	-	C	3	50
6CK6	6,3	EV2-7136	5	-	D	3	50
6CL5	6,3	HS5-0160	53	-	D	3	30
6CL6	6,3	EV2-6317	10	-	D	3	30
6CL8	6,3	EV9-6780	8	-	D	3	20
6CL8	6,3	EV1-2030	12	-	D	3	35
6CM4	6,3	EV2-1030	15	-	D	3	50
6CM5	6,3	HS5-0480	35	-	D	3	48
6CM6	6,3	EV3-9170	21	-	C	3	46
6CM7	6,3	EV7-6030	25	-	B	3	50
6CM7	6,3	EV8-1090	22	-	D	3	22
6CM8	6,3	EV2-6730	11	-	D	3	28
6CM8	6,3	EV9-1080	18	-	B	3	25
6CN6	6,3	HS5-0481	0	-	E	3	32
6CN7	6,3	EV7-8060	11	-	B	3	30
6CN7	6,3	EV0-2030	0	70	A	2	40
6CN7	6,3	EV0-1030	0	70	A	2	40
6CQ4	6,3	HY0-5030	0	38	A	7	50
6CQ8	6,3	EV2-6370	18	-	C	3	38
6CQ8	6,3	EV9-1080	22	-	C	3	44
6CR6	6,3	ET7-5612	12	-	B	3	49
6CR6	6,3	ET0-2010	0	14	A	2	40
6CR8	6,3	EV2-6783	18	-	C	3	31
6CR8	6,3	EV9-1080	18	-	C	3	50
6CS6	6,3	ET1-5627	20	-	B	#	8
6CS6	6,3	ET7-5621	0	-	B	#	12
6CS7	6,3	EV7-6080	17	-	C	3	28

6CS7	6,3	EV3-1090	28	-	D	3	23
6CU5	6,3	ET2-7610	10	-	D	#	45
6CU6	6,3	HS5-0480	50	-	C	3	56
6CU8	6,3	EV7-2361	7	-	D	3	31
6CU8	6,3	EV8-9010	21	-	C	3	42
6CW4	6,3	DR4-2080	16	-	D	3	44
6CW5	6,3	EV2-7930	9	-	D	3	50
6CW7	6,3	EV6-9010	25	-	D	3	30
6CW7	6,3	EV2-3010	25	-	D	3	30
6CY5	6,3	ET1-5620	11	-	D	#	25
6CX8	6,3	EV7-9800	11	-	D	3	31
6CX8	6,3	EV2-3010	26	-	C	3	25
6CY7	6,3	EV7-6080	25	-	B	3	12
6CY7	6,3	EV2-1090	65	-	C	3	50
6CZ5	6,3	EV3-9170	15	-	C	3	60
6D4	6,3	ET1-7050	See Note>	62	A	7	40
6D5	6,3	HS5-3080	57	-	B	3	50
6D6	6,3	GR0-2354	21	-	B	3	40
6D7	6,3	HR0-2364	24	-	B	3	31
6D8	6,3	HS5-4683	45	-	B	3	31
6D10	6,3	BT9-2040	29		B	3	34
6D10	6,3	BS7-5060	29		B	3	34
6D10	6,3	BV4-2030	29		B	3	34
6DA4	6,3	HY0-5030	0	84	A	7	52
6DA5	6,3	EV1-5020	See Note>	100	A	4	-
6DA6	6,3	EV2-7839	15	-	D	3	16
6DA7	6,3	EV7-6080	23	-	C	3	32
6DA7	6,3	EV3-1090	55	-	D	3	25
6DB5	6,3	EV3-9120	10	-	D	#	45
6DB6	6,3	ET1-5627	16	-	B	3	38
6DB6	6,3	ET7-5621	14	-	B	#	15
6DC6	6,3	ET1-5627	11	-	D	3	23
6DC8	6,3	EV2-6139	22	-	C	3	34
6DC8	6,3	EV0-8030	0	13	A	2	28
6DC8	6,3	EV0-7030	0	13	A	2	28
6DE4	6,3	HY0-5030	0	38	A	7	50
6DE6	6,3	ET1-5627	11	-	D	3	28
6DE7	6,3	EV7-6080	31	-	B	3	51
6DE7	6,3	EV2-1090	54	-	D	3	33
6D??	6,3	HS5-3480	10	-	D	#	40
6DG7	6,3	EV2-7839	9	-	C	3	41
6DJ8	6,3	EV7-6080	20	-	D	3	62
6DJ8	6,3	EV2-1030	20	-	D	3	62
6DK6	6,3	ET1-5627	8	-	D	3	33
6DL5	6,3	ET1-5620	12	-	C	3	53

6DM4	6,3	HY0-5030	0	38	A	7	50
6DN6	6,3	HS5-0830	28	-	D	#	45
6DN7	6,3	HY4-5060	31	-	B	3	40
6DN7	6,3	HY1-2030	26	-	D	3	40
6DQ5	6,3	HS1-0430	53	-	D	3	34
6DQ6	6,3	HS5-0480	36	-	D	3	30
6DQ6B	6,3	HS5-0480	36	-	D	3	30
6DR7	6,3	EV7-6080	22	-	B	3	20
6DR7	6,3	EV2-1090	54	-	D	3	31
6DS5	6,3	ET1-5620	16	-	D	3	30
6DT5	6,3	EV3-9170	31	-	C	3	60
6DT6	6,3	ET1-5627	22	-	B	3	15
6DT6	6,3	ET7-5621	0	-	B	#	10
6DT8	6,3	EV7-6089	10	-	C	3	50
6DT8	6,3	EV2-1039	10	-	C	3	50
6DW4	6,3	EV0-2090	0	66	A	7	40
6DW5	6,3	EV3-9170	50	-	C	3	56
6DX8	6,3	EV8-6970	10	-	D	3	47
6DX8	6,3	EV1-2030	26	-	B	3	50
6DZ7	6,3	HS5-6480	11	-	D	3	49
6DZ7	6,3	HS1-3480	11	-	D	3	49
6E5	6,3	GR5-4030	0	100	A	3	-
6E5	6,3	GR5-4230	0	100	A	3	-
6E6	6,3	HR5-6040	54	-	B	3	35
6E6	6,3	HR3-2040	54	-	B	3	35
6E7	6,3	HR0-2364	24	-	B	3	38
6EA5	6,3	ET1-5020	10	-	D	3	26
6EA7	6,3	JX4-5060	10	-	B	3	39
6EA7	6,3	JX1-2030	56	-	D	3	33
6EA8	6,3	EV2-6370	0	-	D	3	28
6EA8	6,3	EV9-1080	10	-	D	3	46
6EB5	6,3	ET0-2056	0	21	A	2	40
6EB5	6,3	ET0-7016	0	21	A	2	40
6EB8	6,3	EV7-9860	0	-	D	3	46
6EB8	6,3	EV2-3010	19	-	B	3	38
6EH4	6,3	BS0-6050	0	70	A	2	17
6EH5	6,3	ET2-7610	31	-	C	3	50

6EH7	6,3	EV2-7819	10	-	D	3	65
6EH8	6,3	EV7-9860	22	-	B	3	53
6EH8	6,3	EV2-3010	24	-	C	3	51
6EJ7	6,3	EV2-7819	10	-	D	3	39
6EM5	6,3	EV3-9170	23	-	D	3	25
6EM7	6,3	HY4-5060	20	-	B	3	25
6EM7	6,3	HY1-2030	60	-	D	3	35
6EQ7	6,3	EV2-7631	29	-	B	3	27
6EQ7	6,3	EV0-8030	0	0	A	2	34
6ER5	6,3	ET2-5010	12	-	D	3	35
6ES5	6,3	ET2-5010	12	-	D	3	35
6ES8	6,3	EV7-6080	20	-	D	3	50
6ES8	6,3	EV2-1030	20	-	D	3	50
6ET7	6,3	EV7-9860	10	-	D	3	38
6ET7	6,3	EV0-3010	0	0	A	2	20
6ET7	6,3	EV0-2010	0	0	A	2	20
6EU7	6,3	BS8-7090	12	-	B	3	32
6EU7	6,3	BS5-6040	12	-	B	3	32
6EU8	6,3	EV7-1980	0	-	D	3	28
6EU8	6,3	EV2-3060	10	-	D	3	46
6EV5	6,3	ET1-5620	10	-	D	3	43
6EV7	6,3	EV7-6080	10	-	C	3	43
6EV7	6,3	EV2-1030	10	-	C	3	43
6EW6	6,3	ET1-5627	26	-	B	3	52
6EW7	6,3	EV7-6080	37	-	B	3	26
6EW7	6,3	EV2-1090	54	-	D	3	38
6EX6	6,3	HS5-0830	49	-	D	3	39
6EY6	6,3	HS5-3480	33	-	C	3	55
6EZ5	6,3	HS5-3480	48	-	B	3	50
6EZ8	6,3	FU9-8000	36	-	B	3	34
6EZ8	6,3	FU7-6000	36	-	B	3	34
6EZ8	6,3	FU2-3010	29	-	B	3	34
6F4	6,3	GR2-3070	30	-	D	3	30
6F5	6,3	HS0-4081	12	-	B	3	25
6F6	6,3	HS5-3481	29	-	B	3	50
6F7	6,3	HR0-2365	28	-	B	3	28
6F7	6,3	HR5-4362	28	-	B	3	13
6F8	6,3	HS5-6080	23	-	B	3	50
6F8	6,3	HS0-3040	23	-	B	3	50
6FA7	6,3	EV7-9861	17	-	B	3	30
6FA7	6,3	EV7-1869	17	-	B	3	30
6FA7	6,3	EV9-3061	0	0	A	2	22
6FD6	6,3	ET1-6572	20	20	A	2	44
6FE5	6,3	HS5-3480	45	-	D	3	33
6FG5	6,3	ET1-5670	10	-	C	3	46
6FG6	6,3	EV1-6730	100	-	A	3	-
6FG7	6,3	EV9-6780	19	-	C	3	36
6FG7	6,3	EV1-2030	29	-	C	3	35
6FH5	6,3	ET2-5070	13	-	D	3	40
6FH6	6,3	HS5-0480	36	-	3	3	30

6FH8	6,3	FU6-9700	28	-	C	3	31
6FH8	6,3	FU6-8700	23	-	B	3	31
6FH8	6,3	FU6-1700	23	-	B	3	31`
6FH8	6,3	FU6-3000	32	-	D	3	29
6FM8	6,3	EV8-9070	11	-	B	3	30
6FM8	6,3	EV0-6010	0	70	A	2	40
6FM8	6,3	EV0-2030	0	70	A	2	40
6FQ5	6,3	ET2-5070	15	-	D	3	42
6FQ5A	6,3	ET2-5070	15	-	D	3	50
6FQ7	6,3	EV7-6080	23	-	B	3	50
6FQ7	6,3	EV2-1030	23	-	B	3	50
6FS5	6,3	ET1-5670	10	-	D	3	30
6FV6	6,3	ET1-5672	22	-	C	3	40
6FV8	6,3	EV9-6780	10	-	C	3	50
6FV8	6,3	EV1-2030	16	-	D	3	38
6FW5	6,3	HS1-5830	48	-	D	3	57
6FW8	6,3	EV7-6080	20	-	D	3	57
6FW8	6,3	EV2-1030	20	-	D	3	57
6FY5	6,3	ET2-5016	14	-	D	3	50
6FY8	6,3	EV1-9080	30	-	B	3	23
6G5	6,3	GR5-4030	0	100	A	3	-
6G5	6,3	GR5-4230	0	100	A	3	-
6G6	6,3	HS5-3480	23	-	B	3	53
6G7S	6,3	HR0-2354	86	-	B	3	38
6G7S	6,3	HR0-4080	0	62	A	2	40
6G7S	6,3	HR0-6030	0	62	A	2	40
6GC5	6,3	EV6-9170	10	-	D	#	45
6GE5	6,3	BV4-7230	36	-	D	3	30
6GE8	6,3	EV8-9170	27	-	B	3	29
6GE8	6,3	EV3-6020	65	-	C	3	56
6GH8	6,3	EV2-6370	19	-	C	3	38
6GH8	6,3	EV9-1080	13	-	D	3	42
6GJ7	6,3	EV2-6710	25	-	B	3	60
6GJ7	6,3	EV9-8030	40	-	B	3	44
6GK5	6,3	ET2-5076	30	-	C	3	38
6GK6	6,3	EV2-7813	10	-	D	3	47
6GL7	6,3	HY4-5060	20	-	B	3	25
6GL7	6,3	HY1-2030	60	-	D	3	35
6GM5	6,3	EV6-9170	10	-	D	3	36
6GM6	6,3	ET1-5627	10	-	D	3	38
6GM8	6,3	EV7-6080	30	0	A	2	32
6GM8	6,3	EV2-1030	30	0	A	2	32
6GN8	6,3	EV7-9860	10	-	D	3	42
6GN8	6,3	EV2-3010	20	-	B	3	38
6GS8	6,3	EV7-8219	0	-	B	3	28
6GS8	6,3	EV7-3216	0	-	B	3	28
6GV5	6,3	BU9-0320	36	-	D	3	30
6GW6	6,3	HS5-0480	34	-	D	#	38

6GW8	6,3	EV8-6370	32	-	C	3	See Note>
6GW8	6,3	EV1-9020	14	-	B	3	See Note>
6GX6	6,3	ET1-5627	27	-	B	3	21
6GY6	6,3	ET1-5627	28	-	B	3	20
6GY8	OFF	EV0-6070	-	-	-	-	-
6GY8	OFF	FU3-9080	-	-	-	-	-
6GY8	6,3	EV0-6070	0	55	A	2	40
6GY8	6,3	FU3-9080	30	-	B	3	27
6GY8	6,3	FU1-2000	37	-	B	3	27
6H4	6,3	HS0-4080	0	62	A	2	32
6H5	6,3	GR5-4030	0	100	A	3	-
6H5	6,3	GR5-4230	0	100	A	3	-
6H6	6,3	HS0-5080	0	63	A	2	40
6H6	6,3	HS0-3040	0	63	A	2	40
6H7M	6,3	HS5-3486	29	-	B	3	50
6H7M	6,3	HS0-6083	0	-	B	3	4
6HA5	6,3	ET1-5076	30	-	B	3	60
6HB6	6,3	EV2-7819	10	-	E	3	38
6HF8	6,3	EV7-9860	10	-	D	3	35
6HF8	6,3	EV2-3010	30	-	B	3	25
6HJ8	6,3	EV2-6319	21	-	C	3	34
6HJ8	6,3	EV0-8070	0	55	A	2	32
6HM5	6,3	ET1-5076	30	-	B	3	60
6HQ5	6,3	ET1-5076	30	-	B	3	54
6HR6	6,3	ET1-5672	16	-	C	3	36
6HS6	6,3	ET1-5627	11	-	D	3	28
6HS8	6,3	EV7-8219	10	-	B	3	20
6HS8	6,3	EV7-3216	10	-	B	3	20
6HZ6	6,3	ET1-5627	16	-	B	3	40
6J4	6,3	ET1-7020	15	-	D	3	45
6J5	6,3	HS5-3080	23	-	B	3	50
6J6	6,3	ET5-2070	15	-	D	3	23
6J6	6,3	ET6-1070	15	-	D	3	23
6J7	6,3	HS0-3485	22	-	B	3	31
6J8	6,3	HS5-3486	18	-	B	3	25
6J8	6,3	HS5-6483	30	-	B	3	13
6J11	6,3	BU3-9782	26	-	B	3	52
6J11	6,3	BX5-3264	26	-	B	3	52
6JB6	6,3	EV2-0138	34	-	D	#	38
6JC6	6,3	EV2-7819	25	-	C	3	32
6JD6	6,3	EV2-7819	25	-	C	3	32
6JE6	6,3	EV2-0738	53	-	D	3	34
6JF6	6,3	EV2-0138	55	-	D	#	45

6JM6	6,3	BW5-0324	48	-	D	3	32
6JN6	6,3	BW5-7324	48	-	D	3	32
6JS6	6,3	BW5-0324	82	-	C	3	52
6JU8	6,3	EV0-8090	0	70	A	2	40
6JU8	6,3	EV0-7080	0	70	A	2	40
6JU8	6,3	EV0-2030	0	70	A	2	40
6JU8	6,3	EV0-1020	0	70	A	2	40
6JV8	6,3	EV7-9863	14	-	D	3	38
6JV8	6,3	EV2-3019	9	-	D	3	20
6K4*	6,3	DU2-1050	31	-	D	3	16
6K5	6,3	HS0-3080	21	-	B	3	25
6K6	6,3	HS5-3480	34	-	B	3	40
6K7	6,3	HS0-3485	19	-	B	3	36
6K8	6,3	HS5-3486	11	-	B	3	25
6K8	6,3	HS5-6483	0	-	C	3	30
6K11	6,3	BT9-2048	24	-	B	3	56
6K11	6,3	BS7-5068	12	-	B	3	32
6K11	6,3	BV4-2038	12	-	B	3	32
6KE8	6,3	EV2-6370	20	-	B	3	50
6KE8	6,3	EV9-1080	30	-	B	3	50
6KT6	6,3	EV2-7819	22	-	C	3	52
6KT8	6,3	EV7-9860	15	-	C	3	57
6KT8	6,3	EV2-3010	26	-	B	3	38
6KX8	6,3	EV1-3020	0	-	B	3	25
6KX8	6,3	EV9-7080	0	-	B	3	25
6KZ8	6,3	EV2-6730	11	-	D	3	45
6KZ8	6,3	EV9-1080	18	-	C	3	17
6L4	6,3	GR2-3070	25	-	D	3	25
6L5	6,3	HS5-3080	27	-	B	3	38
6L6	6,3	HS5-3481	23	-	D	3	40
6L7	6,3	HS0-3485	23	-	B	3	16
6L7	6,3	HS5-3481	27	-	B	3	16
6LC6	6,3	HS0-5061	0	70	A	2	17
6LF6	6,3	BW5-0324	70	-	D	3	38
6LN8	6,3	EV2-6371	19	-	C	3	34
6LN8	6,3	EV9-1086	34	-	C	3	36
6LQ8	6,3	EV7-9860	32	-	B	3	40
6LQ8	6,3	EV2-3010	33	-	B	3	35
6M3	6,3	JS0-0030	0	70	A	See Note>	40
6N3	6,3	EV0-9030	0	40	A	7	40
6N4	6,3	ET1-5020	18	-	D	3	30

6N5	6,3	GR5-4030	0	100	A	3	-
6N5	6,3	GR5-4230	0	100	A	3	-
6N6	6,3	HS5-3480	0	-	B	3	38
6N7	6,3	HS5-6083	12	-	B	3	38
6N7	6,3	HS4-3086	12	-	B	3	38
6N8	6,3	EV2-6139	17	-	B	3	55
6N8	6,3	EV2-7139	0	0	A	2	40
6N8	6,3	EV2-8139	0	0	A	2	40
6P5	6,3	HS5-3080	29	-	B	3	36
6P7	6,3	CT0-4586	28	-	B	3	28
6P7	6,3	CT7-6084	28	-	B	3	13
6Q4	6,3	EV1-9030	0	-	D	3	50
6Q5	6,3	HS5-3080	See Note>	90	A	4	40
6Q6	6,3	HS0-3080	17	-	B	3	25
6Q6	6,3	HS0-5080	0	14	A	2	40
6Q6	6,3	HS0-4080	0	14	A	2	40
6Q7	6,3	HS0-3081	17	-	B	3	20
6Q7	6,3	HS0-5083	0	14	A	2	40
6Q7	6,3	HS0-4083	0	14	A	2	40
6Q11	6,3	BT9-2048	24	-	B	3	56
6Q11	6,3	BS7-5068	12	-	B	3	32
6Q11	6,3	BV4-2038	12	-	B	3	32
6R3	6,3	EV0-0090	0	25	A	See Note>	40
6R4	6,3	EV1-8030	23	-	C	3	50
6R7	6,3	HS0-3081	18	-	B	3	48
6R7	6,3	HS0-5083	0	14	A	2	40
6R7	6,3	HS0-4083	0	14	A	2	40
6R8	6,3	EV8-9072	13	-	B	3	48
6R8	6,3	EV0-1078	0	68	A	2	40
6R8	6,3	EV0-6078	0	68	A	2	40
6R8	6,3	EV0-2039	0	68	A	2	40
6S4	6,3	EV6-9020	17	-	C	3	52
6S7	6,3	HS0-3485	27	-	B	3	44
6S8	6,3	HY0-6020	10	-	B	3	23
6S8	6,3	HY0-3050	0	14	A	2	40
6S8	6,3	HY0-4020	0	14	A	2	40
6S8	6,3	HY0-1020	0	14	A	2	40
6SA7	6,3	HS8-3465	-	-	-	-	-
6SA7	6,3	HS5-4068	0	-	C	3	50
6SB7	6,3	HS8-3465	-	-	-	-	-
6SB7	6,3	HS5-4068	10	-	D	3	40
6SC7	6,3	HY4-5062	0	-	B	3	25
6SC7	6,3	HY3-2065	0	-	B	3	25
6SD7	6,3	HS4-8653	10	-	D	3	15
6SF5	6,3	HY3-5021	12	-	B	3	25

6SF7	6,3	HY2-6431	0	-	B	3	50
6SF7	6,3	HY0-5436	0	14	A	2	40
6SG7	6,3	HS4-8651	0	-	C	3	42
6SH7	6,3	HS4-8651	0	-	C	3	43
6SJ7	6,3	HS4-8653	22	-	B	3	40
6SK7	6,3	HS4-8653	22	-	B	3	48
6SL7	6,3	HY4-5062	0	-	B	3	32
6SL7	6,3	HY1-2035	0	-	B	3	32
6SN7	6,3	HY4-5062	23	-	B	3	50
6SN7	6,3	HY1-2035	23	-	B	3	50
6SQ7	6,3	HY2-6031	11	-	B	3	19
6SQ7	6,3	HY0-5036	0	14	A	2	20
6SQ7	6,3	HY0-4036	0	14	A	2	20
6SR7	6,3	HY2-6031	18	-	B	3	48
6SR7	6,3	HY0-5036	0	14	A	2	20
6SR7	6,3	HY0-4036	0	14	A	2	20
6SS7	6,3	HS4-8653	19	-	B	3	46
6ST7	6,3	HY2-6031	15	-	B	3	48
6ST7	6,3	HY0-5036	0	0	A	2	30
6ST7	6,3	HY0-4036	0	0	A	2	30
6SU7	6,3	HY4-5062	5	-	B	3	30
6SU7	6,3	HY1-2035	5	-	B	3	30
6SV7	6,3	HY2-6430	12	-	B	3	53
6SV7	6,3	HY2-5430	0	62	A	2	40
6SZ7	6,3	HY2-6031	10	-	B	3	30
6SZ7	6,3	HY0-5031	0	0	A	2	30
6SZ7	6,3	HY0-4031	0	0	A	2	30
6T4	6,3	ET2-1050	37	-	D	3	25
6T5	6,3	GR5-4030	0	100	A	3	-
6T5	6,3	GR5-4230	0	100	A	3	-
6T7	6,3	HS0-3080	17	-	B	3	25
6T7	6,3	HS0-5080	0	14	A	2	40
6T7	6,3	HS0-4080	0	14	A	2	40
6T8	6,3	EV8-9076	11	-	B	3	30
6T8	6,3	EV0-6071	0	70	A	2	40
6T8	6,3	EV0-2036	0	70	A	2	40
6T8	6,3	EV0-1078	0	70	A	2	40
6T10	6,3	BU8-3290	35	-	B	3	62
6T10	6,3	BU3-7625	8	-	B	3	18
6U3	6,3	EV0-9030	0	63	A	7	40
6U4	6,3	HY0-5030	0	61	A	7	40
6U5	6,3	GR5-4030	0	100	A	3	-
6U5	6,3	GR5-4230	0	100	A	3	-
6U6	6,3	HS5-3480	30	-	D	3	32
6U7	6,3	HS0-3485	21	-	B	3	40
6U8	6,3	EV2-6370	15	-	B	3	57
6U8	6,3	EV9-1080	16	-	C	3	57

6V3	6,3	EV0-0020	0	65	A	See Note>	40
6V4	6,3	EV0-7031	0	23	A	7	40
6V4	6,3	EV0-1037	0	23	A	7	40
6V5	6,3	HY5-3400	31	-	C	3	52
6V6	6,3	HS5-3481	21	-	C	3	46
6V7	6,3	HS0-3080	39	-	B	3	24
6V7	6,3	HS0-5080	0	14	A	2	40
6V7	6,3	HS0-4080	0	14	A	2	40
6V8	6,3	EV6-1038	11	-	B	3	30
6V8	6,3	EV0-9032	0	0	A	2	30
6V8	6,3	EV0-7086	0	72	A	2	40
6V8	6,3	EV0-2038	0	72	A	2	40
6W4	6,3	HY0-5030	0	63	A	7	40
6W5	6,3	HS0-5080	0	40	A	7	40
6W5	6,3	HS0-3080	0	40	A	7	40
6W6	6,3	HS5-3480	56	-	C	3	38
6W7	6,3	HS0-3485	22	-	B	3	31
6X4	6,3	ET0-6070	0	30	A	7	40
6X4	6,3	ET0-1070	0	30	A	7	40
6X5	6,3	HS0-5081	0	40	A	7	40
6X5	6,3	HS0-3081	0	40	A	7	40
6X6	6,3	HS5-4086	100	100	A	4	-
6X6	6,3	HS5-4386	100	100	A	4	-
6X8	6,3	EV7-9861	9	-	D	3	23
6X8	6,3	EV2-3861	15	-	D	3	23
6Y5	6,3	GR0-5040	0	63	A	7	40
6Y5	6,3	GR0-3040	0	63	A	7	40
6Y6	6,3	HS5-3480	33	-	D	3	30
6Y7	6,3	HS5-6083	15	-	B	3	25
6Y7	6,3	HS4-3086	15	-	B	3	25
6Z4	6,3	FR0-3040	0	46	A	7	40
6Z4	6,3	FR0-2040	0	46	A	7	40
6Z5	12,6	GS0-5040	0	38	A	7	40
6Z5	12,6	GS0-3040	0	38	A	7	40
6Z7	6,3	HS5-6080	0	-	B	3	30
6Z7	6,3	HS4-3080	0	-	B	3	30
6ZY5	6,3	HS0-5080	0	30	A	7	40
6ZY5	6,3	HS0-3080	0	30	A	7	40
PJ-7	4,3	ER3-2000	10	-	B	3	21
VT-7	1,1	ER3-2000	45	-	B	3	38
7A4	6,3	JR6-2070	23	-	B	3	50
7A5	6,3	JR6-2370	25	-	D	3	30
7A6	6,3	JR0-6075	0	60	A	2	40
7A6	6,3	JR0-3025	0	60	A	2	40
7A7	6,3	JR6-2374	27	-	B	3	44
7A8	6,3	JR6-2574	-	-	-	-	-
7A8	6,3	JR4-5376	40	-	B	3	31
7AB7	6,3	HS5-3140	10	-	B	3	46
7AD7	6,3	JR6-2374	0	-	D	3	31

7AF7	6,3	JR5-6070	21	-	C	3	33
7AF7	6,3	JR4-3020	21	-	C	3	33
7AG7	6,3	JR6-2374	0	-	C	3	38
7AH7	6,3	JR6-2374	0	-	C	3	42
7AJ7	6,3	JR6-2374	0	-	D	3	11
7AK7	6,3	JR6-2374	0	-	C	3	50
7AU7	6,3	EV7-6080	24	-	B	3	56
7AU7	6,3	EV2-1030	24	-	B	3	56
7B4	6,3	JR6-2070	12	-	B	3	25
7B5	6,3	JR6-2370	34	-	B	3	40
7B6	6,3	JR3-2070	0	-	B	3	28
7B6	6,3	JR0-6072	0	14	A	2	40
7B6	6,3	JR0-5072	0	14	A	2	40
7B7	6,3	JR6-2374	27	-	B	3	43
7B8	6,3	JR6-2574	-	-	-	-	-
7B8	6,3	JR4-5376	44	-	B	3	29
7C4	6,3	JR0-4070	0	52	A	2	40
7C5	6,3	JR6-2370	30	-	C	3	38
7C6	6,3	JR3-2070	10	-	B	3	15
7C6	6,3	JR0-6072	0	0	A	2	30
7C6	6,3	JR0-5072	0	0	A	2	30
7C7	6,3	JR6-2374	22	-	B	3	33
7DJ8	7,5	EV7-6080	20	-	D	3	62
7DJ8	7,5	EV2-1030	20	-	D	3	62
7E5	6,3	JS1-3040	15	-	C	3	38
7E6	6,3	JR3-2070	12	-	B	3	55
7E6	6,3	JR0-6072	0	14	A	2	40
7E6	6,3	JR0-5072	0	14	A	2	40
7E7	6,3	JR6-2570	22	-	B	3	33
7E7	6,3	JR0-4072	0	0	A	2	30
7E7	6,3	JR0-3072	0	0	A	2	30
7EY6	6,3	HS5-3480	31	-	C	3	55
7F7	7,5	JR5-6073	0	-	B	3	33
7F7	6,3	JR4-3026	0	-	B	3	33
7F8	6,3	HS8-6050	10	-	D	3	25
7F8	6,3	HS1-3040	10	-	D	3	25
7G7	6,3	JR6-2374	18	-	B	3	50
7G8	6,3	JR5-7362	10	-	B	3	53
7G8	6,3	JR4-2367	10	-	B	3	53
7GV7	7,5	EV7-3280	29	-	B	3	33
7GV7	7,5	EV9-1080	38	-	C	3	47
7H7	6,3	JR6-2374	10	-	D	3	19
7HG8	7,5	EV2-8930	25	-	?	3	55
7HG8	7,5	EV6-7030	38	-	?	3	30
7J7	6,3	JR6-2574	18	-	B	3	20
7J7	6,3	JR4-3576	18	-	B	3	25
7K7	6,3	JR4-3020	0	-	B	3	25
7K7	6,3	JR0-5070	0	20	A	2	40
7K7	6,3	JR0-6070	0	20	A	2	40
7L7	6,3	JR6-2374	12	-	B	3	50
7N7	6,3	JR5-6073	23	-	B	3	50

7N7	6,3	JR4-3026	23	-	B	3	50
7Q7	6,3	JR6-2375	-	-	-	-	-
7Q7	6,3	JR4-3076	20	-	C	3	57
7R7	6,3	JR6-2570	10	-	C	3	38
7R7	6,3	JR0-4072	0	0	A	2	30
7R7	6,3	JR0-3072	0	0	A	2	30
7S7	6,3	JR6-2574	18	-	B	3	38
7S7	6,3	JR4-3576	0	-	B	3	38
7T7	6,3	JR6-2374	9	-	C	3	38
7V7	6,3	JR6-2374	6	-	C	3	50
7W7	6,3	JR6-2375	10	-	D	3	18
7X6	6,3	JR0-6075	0	57	A	7	40
7X6	6,3	JR0-3025	0	57	A	7	40
7X7	6,3	JR3-2040	0	-	B	3	23
7X7	6,3	JR0-5040	0	67	A	2	40
7X7	6,3	JR0-6070	0	67	A	2	40
7Y4	6,3	JR0-6070	0	42	A	7	40
7Y4	6,3	JR0-3070	0	42	A	7	40
7Z4	6,3	JR0-6070	0	12	A	7	40
7Z4	6,3	JR0-3070	0	12	A	7	40
PJ-8	4,3	ER3-2000	26	-	B	3	25
8A8	10,0	EV2-6371	19	-	C	3	34
8A8	10,0	EV9-1086	34	-	C	3	36
8AC10	7,5	BT9-2040	30	-	B	3	28
8AC10	7,5	BS7-5060	30	-	B	3	28
8AC10	7,5	BV4-2030	30	-	B	3	28
8AR11	7,5	BS4-8937	12	-	C	3	51
8AR11	7,5	BX5-2364	12	-	C	3	51
8AU8	7,5	EV7-9860	10	-	D	3	30
8AU8	7,5	EV2-3010	9	-	D	3	25
8AW8A	7,5	EV7-9860	14	-	D	3	38
8AW8A	7,5	EV2-3010	9	-	D	3	20
8B8	7,5	EV3-6720	26	-	C	3	58
8B8	7,5	EV1-9080	21	-	B	3	23
8B10	7,5	BV3-4020	29	-	C	3	28
8B10	7,5	BS5-6070	29	-	C	3	28
8B10	7,5	BS0-8090	0	53	A	2	40
8B10	7,5	BS0-8090	0	53	A	2	40
8BA8A	7,5	EV7-9860	11	-	D	3	30
8BA8A	7,5	EV2-3010	29	-	C	3	34
8BA11	7,5	BS4-6387	10	-	B	3	19

8BA11	7,5	BW4-2385	10	-	B	3	19
8BA11	7,5	BU9-3020	33	-	B	3	45
8BH8	7,5	EV7-9860	8	-	D	3	30
8BH8	7,5	EV2-3010	29	-	C	3	42
8BM11	7,5	BU3-7928	20	-	C	3	40
8BM11	7,5	BX6-2354	25	-	C	3	31
8BN8	7,5	EV8-7090	15	-	D	3	13
8BN8	7,5	EV0-6030	0	70	A	2	40
8BN8	7,5	EV0-1020	0	70	A	2	40
8BQ5	7,5	EV2-7930	30	-	C	3	50
8BQ11	7,5	BU2-8937	12	-	C	3	51
8BQ11	7,5	BX5-2364	26	-	B	3	52
8CG7	7,5	EV7-6089	23	-	B	3	50
8CG7	7,5	EV2-1039	23	-	B	3	50
8CM7	7,5	EV7-6030	25	-	B	3	50
8CM7	7,5	EV8-1090	22	-	D	3	22
8CN7	7,5	EV7-8060	11	-	B	3	30
8CN7	7,5	EV0-2030	0	70	A	2	40
8CN7	7,5	EV0-1030	0	70	A	2	40
8CS7	7,5	EV7-6080	17	-	C	3	28
8CS7	7,5	EV3-1090	28	-	D	3	23
8CW5	7,5	EV2-7930	9	-	D	3	50
8CX8	7,5	EV7-9860	11	-	D	3	31
8CX8	7,5	EV2-3010	26	-	C	3	25
8CY7	7,5	EV7-6080	25	-	B	3	12
8CY7	7,5	EV2-1090	65	-	C	3	50
8EB8	7,5	EV7-9860	0	-	D	3	46
8EB8	7,5	EV2-3010	19	-	B	3	38
8EM5	7,5	EV3-9170	23	-	D	3	25
8ET7	7,5	EV7-9860	10	-	D	3	38
8ET7	7,5	EV0-3010	0	0	A	2	20
8ET7	7,5	EV0-2010	0	0	A	2	20
8FQ7	7,5	EV7-6080	23	-	B	3	50
8FQ7	7,5	EV2-1030	23	-	B	3	50
8GJ7	7,5	EV2-6710	25	-	B	3	60
8GJ7	7,5	EV9-8030	40	-	B	3	44
8GN8	7,5	EV7-9860	10	-	D	3	42
8GN8	7,5	EV2-3010	20	-	B	3	29
8JU8	7,5	EV0-8090	0	70	A	2	40
8JU8	7,5	EV0-7080	0	70	A	2	40
8JU8	7,5	EV0-2030	0	70	A	2	40
8JU8	7,5	EV0-1020	0	70	A	2	40
8SN7	7,5	HY4-5060	23	-	B	3	50
8SN7	7,5	HY1-2030	23	-	B	3	50
9A8	10,0	EV2-6371	19	-	C	3	34

9A8	10,0	EV9-1086	34	-	C	3	36
9AU7	10,0	EV7-6080	24	-	B	3	56
9AU7	10,0	EV2-1030	24	-	B	3	56
9BR7	10,0	EV2-1030	17	-	C	3	38
9BR7	10,0	EV0-7080	0	53	A	2	36
9BR7	10,0	EV0-6080	0	53	A	2	36
9CL8	10,0	EV9-6780	8	-	D	3	20
9CL8	10,0	EV1-2030	12	-	D	3	35
9DZ8	10,0	EV3-6720	24	-	D	3	30
9DZ8	10,0	EV1-9080	26	-	B	3	15
9GH8	10,0	EV2-6370	19	-	C	3	38
9GH8	10,0	EV9-1080	13	-	D	3	42
9KZ8	10,0	EV2-6730	19	-	C	3	38
9KZ8	10,0	EV9-1080	13	-	D	3	42
9U8	10,0	EV2-6370	15	-	B	3	57
9U8	10,0	EV9-1080	16	-	C	3	57
9X8	10,0	EV7-9861	9	-	D	3	23
9X8	10,0	EV2-3861	15	-	D	3	23
10	7,5	ER3-2000	39	-	B	3	32
10AL11	10,0	BU8-3290	35	-	B	3	62
10AL11	10,0	BV3-6724	8	-	B	3	18
10BQ5	10,0	EV2-7930	30	-	C	3	50
10C8	10,0	EV8-6790	8	-	D	3	32
10C8	10,0	EV2-1030	13	-	D	3	22
10CW5	10,0	EV2-7930	9	-	D	3	50
10DA7	10,0	EV7-6080	23	-	C	3	32
10DA7	10,0	EV3-1090	55	-	D	3	25
10DE7	10,0	EV7-6080	31	-	B	3	51
10DE7	10,0	EV2-1090	54	-	D	3	33
10DR7	10,0	EV7-6080	22	-	B	3	20
10DR7	10,0	EV2-1090	54	-	D	3	31
10DX8	10,0	EV8-6970	10	-	D	3	47
10DX8	10,0	EV1-2030	26	-	B	3	50
10EG7	10,0	HY4-5060	32	-	B	3	50
10EG7	10,0	HY1-2030	56	-	D	3	38
10EM7	10,0	HY4-5060	20	-	B	3	25
10EM7	10,0	HY1-2030	60	-	D	3	35
10EW7	10,0	EV7-6080	37	-	B	3	26
10EW7	10,0	EV2-1090	54	-	D	3	38
10GK6	10,0	EV2-7813	10	-	D	3	47
10GN8	10,0	EV7-9860	10	-	D	3	42
10GN8	10,0	EV2-3010	20	-	B	3	38
10HF8	10,0	EV7-9860	10	-	D	3	35
10HF8	10,0	EV2-3010	30	-	B	3	25
10JA8	10,0	EV7-9860	27	-	C	3	32
10JA8	10,0	EV2-3010	27	-	B	3	39
10JY8	10,0	EV7-9860	20	-	C	3	63
10JY8	10,0	EV2-3010	33	-	B	3	35

10T10	10,0	BU8-3290	35	-	B	3	62
10T10	10,0	BU3-7625	8	-	B	3	18
10Y	7,5	ER3-2000	12	-	B	3	38
11AF9	10,0	FW8-1970	29	-	B	3	58
11AF9	10,0	FW1-4320	28	-	B	3	44
11AR11	10,0	BS4-8937	12	-	C	3	51
11AR11	10,0	BX5-2364	12	-	C	3	51
11BM8	10,0	EV3-6720	32	-	C	3	56
11BM8	10,0	EV1-9080	14	-	B	3	41
11BQ11	10,0	BU2-8937	12	-	C	3	51
11BQ11	10,0	BX5-2364	26	-	B	3	52
11BT11	10,0	BV4-2386	32	-	B	3	45
11BT11	10,0	BS5-7060	23	-	C	3	29
11BT11	10,0	BS3-9040	20	-	C	3	43
11C5	10,0	ET2-7610	32	-	D	3	23
11CA11	10,0	BU8-3297	30	-	C	3	37
11CA11	10,0	BS6-4050	25	-	C	3	45
11CA11	10,0	BU3-2070	23	-	C	3	29
11CY7	10,0	EV7-6080	25	-	B	3	12
11CY7	10,0	EV2-1090	65	-	C	3	50
11DS5	10,0	ET1-5620	16	-	D	3	30
11FY7	10,0	BU2-3090	22	-	B	3	20
11FY7	10,0	BS3-5070	54	-	D	3	38
11HM7	10,0	EV2-7819	13	-	D	3	61
11LQ8	10,0	EV7-9860	32	-	B	3	40
11LQ8	10,0	EV2-3010	33	-	B	3	35
11LT8	10,0	EV9-3216	10	-	D	3	38
11LT8	10,0	EV0-8070	0	70	A	2	40
11LT8	10,0	EV0-6070	0	70	A	2	40
WD-12	1,1	ER3-2000	45	-	B	3	16
WX-12	1,1	ER3-2000	45	-	B	3	38
12A	5,0	ER3-2000	44	-	B	3	42
12A4	12,6	EV2-9010	25	-	D	3	39
12A5	12,6	HR4-2350	51	-	B	3	45
12A6	12,6	HS5-3481	12	-	C	3	38

12A7	12,6	HR0-2365	48	-	B	3	24
12A7	12,6	HR0-5042	0	50	A	7	40
12A8	12,6	HS5-4683	41	-	B	3	29
12AB5	12,6	EV3-9170	21	-	C	3	46
12AC5	12,6	ET2-6571	35	-	A	2	16
12AC10	12,6	BT9-2040	30	-	B	3	28
12AC10	12,6	BS7-5060	30	-	B	3	28
12AC10	12,6	BV4-2030	30	-	B	3	28
12AD6	12,6	ET7-6521	30	0	A	2	28
12AD7	12,6	EV7-6080	12	-	B	3	32
12AD7	12,6	EV2-1030	12	-	B	3	32
12AE6	12,6	ET0-7021	0	0	A	2	12
12AE6	12,6	ET0-6020	0	0	A	2	40
12AE6	12,6	ET0-5020	0	0	A	2	40
12AE7	12,6	EV0-6087	0	45	A	2	40
12AE7	12,6	EV0-1032	0	58	A	2	40
12AF3	12,6	EV0-0020	0	32	A	See Note>	60
12AF6	12,6	ET1-5672	27	-	B	#	29
12AG5	12,6	ET1-5620	10	-	D	3	20
12AG6	12,6	ET7-6521	30	0	A	2	44
12AH7	12,6	HY5-6043	20	-	B	3	50
12AH7	12,6	HY1-3026	20	-	B	3	50
12AJ6	12,6	ET0-7021	0	0	A	2	8
12AJ6	12,6	ET0-6020	0	0	A	2	40
12AJ6	12,6	ET0-5020	0	0	A	2	40
12AJ7	12,6	EV2-6137	27	-	B	3	31
12AJ7	12,6	EV9-8036	26	-	B	3	50
12AL5	12,6	ET0-7010	0	70	A	2	40
12AL5	12,6	ET0-2050	0	70	A	2	40
12AL8	12,6	EV0-3672	0	55	A	2	50
12AL8	12,6	EV0-1098	0	0	A	2	10
12AL11	12,6	BU8-3290	35	-	B	3	62
12AL11	12,6	BV3-6724	8	-	B	3	18
12AQ5	12,6	ET1-5620	21	-	C	3	46
12AS5	12,6	ET2-7610	25	-	D	3	28
12AT6	12,6	ET1-7020	18	-	B	3	30
12AT6	12,6	ET1-6020	0	0	A	2	40
12AT6	12,6	ET1-5020	0	0	A	2	40
12AT7	12,6	EV7-6080	10	-	C	3	50
12AT7	12,6	EV2-1030	10	-	C	3	50
12AU6	12,6	ET1-5672	16	-	B	3	58
12AU7	12,6	EV7-6080	24	-	B	3	56
12AU7	12,6	EV2-1030	24	-	B	3	56
12AU8	12,6	EV7-9860	10	-	D	3	30

12AU8	12,6	EV2-3010	9	-	D	3	25
12AV5	12,6	HS1-5830	50	-	C	3	49
12AV6	12,6	ET1-7025	12	-	B	3	32
12AV6	12,6	ET1-6025	0	0	A	2	40
12AV6	12,6	ET1-5026	0	0	A	2	40
12AV7	12,6	EV7-6080	18	-	D	3	21
12AV7	12,6	EV2-1030	18	-	D	3	21
12AW6	12,6	ET1-5627	10	-	D	3	20
12AX3	12,6	BS0-4070	0	54	A	7	40
12AX4	12,6	HY0-5030	0	54	A	7	40
12AX7	12,6	EV7-6080	12	-	B	3	32
12AX7	12,6	EV2-1030	12	-	B	3	32
12AY3	12,6	EV0-2090	0	38	A	7	50
12AY7	12,6	EV7-6080	15	-	B	3	32
12AY7	12,6	EV2-1030	15	-	B	3	32
12AZ7	12,6	EV7-6080	10	-	C	3	50
12AZ7	12,6	EV2-1030	10	-	C	3	50
12B4	12,6	EV2-9010	50	-	D	3	32
12B7	12,6	JR6-2374	22	-	B	3	48
12B8	12,6	HS0-3410	22	-	B	3	46
12B8	12,6	HS8-5060	0	-	B	3	50
12BA6	12,6	ET1-5672	9	-	C	3	41
12BA7	12,6	EV7-9136	-	-	-	-	-
12BA7	12,6	EV2-1037	10	-	D	3	40
12BD6	12,6	ET1-5672	19	-	B	3	50
12BE6	12,6	ET7-5621	-	-	-	-	-
12BE6	12,6	ET1-6027	17	-	D	3	36
12BF6	12,6	ET1-7020	14	-	B	3	48
12BF6	12,6	ET1-6020	0	0	A	2	40
12BF6	12,6	ET1-5020	0	0	A	2	40
12BF11	12,6	BS8-3490	31	-	D	3	33
12BF11	12,6	BY3-7625	26	-	B	3	10
12BH7	12,6	EV7-6082	29	-	C	3	30
12BH7	12,6	EV2-1037	29	-	C	3	30
12BK5	12,6	EV3-1860	0	-	D	3	28
12BK6	12,6	ET1-7025	6	-	B	3	32
12BK6	12,6	ET0-6025	0	40	A	2	40
12BK6	12,6	ET0-5027	0	40	A	2	40
12BL6	12,6	ET2-6571	30	0	A	2	40
12BN6	12,6	ET2-7516	0	-	B	3	18
12BN6	12,6	ET6-7512	0	-	B	3	23
12BQ6	12,6	HS5-0480	50	-	C	3	56
12BR7	12,6	EV2-1030	14	-	D	3	20
12BR7	12,6	EV0-7080	0	70	A	2	40
12BR7	12,6	EV0-6080	0	70	A	2	40
12BS3	12,6	EV0-2090	0	60	A	7	42

12BT6	12,6	ET1-7020	13	-	B	3	33
12BT6	12,6	ET1-6020	0	40	A	2	40
12BT6	12,6	ET1-5020	0	40	A	2	40
12BU6	12,6	ET1-7020	34	-	B	3	38
12BU6	12,6	ET1-6020	0	40	A	2	40
12BU6	12,6	ET1-5020	0	40	A	2	40
12BV7	12,6	EV2-7813	9	-	D	3	46
12BW4	12,6	EV0-7091	0	15	A	7	40
12BW4	12,6	EV0-1097	0	15	A	7	40
12BY7	12,6	EV2-7813	9	-	D	3	46
12BY7A	12,6	EV2-7813	9	-	D	3	46
12BZ6	12,6	ET1-5627	20	-	C	3	31
12BZ7	12,6	EV7-6080	8	-	D	3	18
12BZ7	12,6	EV2-1030	8	-	D	3	18
12C5	12,6	ET2-7610	10	-	D	#	45
12C8	12,6	HS0-3681	24	-	B	3	29
12C8	12,6	HS0-5083	0	0	A	2	40
12C8	12,6	HS0-4083	0	0	A	2	40
12CA5	12,6	ET2-7610	25	-	D	3	30
12CM6	12,6	EV3-9170	21	-	C	3	46
12CN5	12,6	ET0-6712	0	0	A	2	50
12CR6	12,6	ET7-5612	18	-	B	3	56
12CR6	12,6	ET0-2010	0	14	A	2	40
12CS6	12,6	ET1-5627	20	-	B	#	8
12CS6	12,6	ET7-5621	0	-	B	#	12
12CT8	12,6	EV8-6790	10	-	D	3	30
12CT8	12,6	EV2-1030	9	-	D	3	25
12CU5	12,6	ET2-7610	10	-	D	#	45
12CU6	12,6	HS5-0480	50	-	C	3	56
12CX6	12,6	ET2-6571	0	0	A	2	50
12CZ5	12,6	EV3-9170	15	-	C	3	60
12D4	12,6	HY0-5030	0	60	A	7	40
12DB5	12,6	EV3-9120	10	-	D	#	45
12DE8	12,6	EV7-8691	0	0	A	2	32
12DE8	12,6	EV0-3020	0	58	A	2	40
12DF5	12,6	EV0-6080	0	15	A	7	40
12DF5	12,6	EV0-1030	0	15	A	7	40
12DF7	12,6	EV7-6080	12	-	B	3	32
12DF7	12,6	EV2-1030	12	-	B	3	32
12DJ8	12,6	EV7-6080	20	-	D	3	62
12DJ8	12,6	EV2-1030	20	-	D	3	62
12DK6	12,6	ET1-5627	8	-	D	3	33
12DK7	12,6	EV0-3721	0	25	A	2	50
12DK7	12,6	EV0-6020	0	0	A	2	25
12DK7	12,6	EV0-9020	0	0	A	2	25
12DL8	12,6	EV0-3627	0	48	A	2	60
12DL8	12,6	EV0-9080	0	0	A	2	40
12DL8	12,6	EV0-1080	0	0	A	2	40
12DM4	12,6	HY0-5030	0	38	A	7	50
12DM5	12,6	ET2-7610	10	-	D	#	45
12DQ6	12,6	HS5-0480	36	-	D	3	30

12DQ7	12,6	EV2-7819	0	-	D	3	40
12DS7	12,6	EV7-3680	0	53	A	2	50
12DS7	12,6	EV0-9080	0	0	A	2	32
12DS7	12,6	EV0-1080	0	0	A	2	32
12DT5	12,6	EV3-9170	31	-	C	3	60
12DT7	12,6	EV7-6080	12	-	B	3	32
12DT7	12,6	EV2-1030	12	-	B	3	32
12DT8	12,6	EV7-6089	10	-	C	3	50
12DT8	12,6	EV2-1039	10	-	C	3	50
12DU7	12,6	EV0-3621	0	40	A	2	50
12DU7	12,6	EV0-9020	0	0	A	2	16
12DU7	12,6	EV0-7020	0	0	A	2	16
12DV7	12,6	EV0-6087	0	0	A	2	14
12DV7	12,6	EV0-3010	0	0	A	2	16
12DV7	12,6	EV0-2010	0	0	A	2	16
12DV8	12,6	EV0-3627	0	56	A	2	32
12DV8	12,6	EV0-9080	0	0	A	2	32
12DV8	12,6	EV0-1080	0	0	A	2	32
12DW5	12,6	EV3-9170	50	-	C	3	56
12DW7	12,6	EV7-6080	12	-	B	3	32
12DW7	12,6	EV2-1030	24	-	B	3	55
12DW8	12,6	EV7-6080	29	0	A	2	56
12DW8	12,6	EV2-1030	0	62	A	2	50
12DW8	12,6	EV0-9080	0	48	A	2	32
12DY8	12,6	EV0-3621	0	42	A	2	50
12DY8	12,6	EV0-8079	0	0	A	2	22
12DZ6	12,6	ET2-6571	0	23	A	2	50
12DZ8	12,6	EV3-6720	24	-	D	3	30
12DZ8	12,6	EV1-9080	26	-	B	3	15
12EA6	12,6	ET2-6571	0	18	A	2	50
12EC8	12,6	EV0-7689	0	0	A	2	28
12EC8	12,6	EV0-2031	0	13	A	2	38
12ED5	12,6	ET2-7610	25	-	D	3	30
12EG6	12,6	ET7-6521	0	0	A	2	50
12EH5	12,6	ET2-7610	31	-	C	3	50
12EK6	12,6	ET2-6571	0	24	A	2	50
12EL6	12,6	ET0-2071	0	0	A	2	6
12EL6	12,6	ET0-6070	0	0	A	2	20
12EL6	12,6	ET0-5070	0	0	A	2	20
12EM6	12,6	EV0-3621	0	25	A	2	50
12EM6	12,6	EV0-9020	0	0	A	2	25
12EN6	12,6	HS5-3480	40	-	D	3	30
12EQ7	12,6	EV2-7631	29	-	D	3	27
12EQ7	12,6	EV0-8030	0	0	A	2	34
12ER5	12,6	ET2-5010	12	-	D	3	35
12EZ6	12,6	ET2-6571	0	0	A	2	37
12F5	12,6	HS0-4080	12	-	B	3	25
12F8	12,6	EV9-2378	30	0	A	2	16
12F8	12,6	EV0-6070	0	0	A	2	20
12F8	12,6	EV0-1070	0	0	A	2	20
12FK6	12,6	ET1-7020	23	0	A	2	32

12FK6	12,6	ET0-6025	0	0	A	2	23
12FK6	12,6	ET0-5026	0	0	A	2	23
12FM6	12,6	ET0-7021	0	0	A	2	31
12FM6	12,6	ET0-6020	0	0	A	2	25
12FM6	12,6	ET0-5020	0	0	A	2	25
12FQ7	12,6	EV7-6080	23	-	B	3	50
12FQ7	12,6	EV2-1030	23	-	B	3	50
12FQ8	12,6	EV7-8090	11	-	B	3	22
12FQ8	12,6	EV7-6090	11	-	B	3	22
12FQ8	12,6	EV2-3090	11	-	B	3	22
12FQ8	12,6	EV2-1090	11	-	B	3	22
12FR8	12,6	EV3-6700	40	43	A	2	44
12FR8	12,6	EV1-9020	25	10	A	2	40
12FR8	12,6	EV0-8020	0	0	A	2	26
12FT6	12,6	ET1-7020	0	34	A	2	50
12FT6	12,6	ET0-6020	0	0	A	2	32
12FT6	12,6	ET0-5020	0	0	A	2	32
12FX8	12,6	EV9-1372	30	0	A	2	42
12FX8	12,6	EV0-8006	0	42	A	2	65
12G4	12,6	ET6-1070	23	-	B	3	50
12G8	12,6	EV0-6078	0	30	A	2	50
12G8	12,6	EV0-1023	0	0	A	2	32
12GA6	12,6	ET7-6521	30	0	A	2	33
12GC6	12,6	HS5-0830	47	-	D	3	32
12GE5	12,6	BV4-7230	36	-	D	3	30
12GN7	12,6	EV2-7813	9	-	D	3	46
12GW6	12,6	HS5-0480	34	-	D	#	38
12H6	12,6	HS0-5081	0	63	A	2	40
12H6	12,6	HS0-3041	0	63	A	2	40
12HG7	12,6	EV2-7813	9	-	D	3	46
12J5	12,6	HS5-3081	23	-	B	3	50
12J7	12,6	HS0-3485	22	-	B	3	31
12J8	12,6	EV0-3621	0	30	A	2	50
12J8	12,6	EV0-9070	0	56	A	2	40
12J8	12,6	EV0-8070	0	56	A	2	40
12JB6	12,6	EV2-0138	34	-	D	#	38
12JN6	12,6	BW5-7324	48	-	D	3	32
12K5	12,6	ET2-7510	10	-	C	See Note>	38
12K7	12,6	HS0-3485	19	-	B	3	36
12K8	12,6	HS5-3486	11	-	B	3	25
12K8	12,6	HS5-6483	0	-	C	3	30
12L6	12,6	HS5-3480	10	-	D	#	45
12L8	12,6	HW1-8523	10	-	B	3	54
12L8	12,6	HW3-4521	10	-	B	3	54

12Q7	12,6	HS0-3080	17	-	B	3	20
12Q7	12,6	HS0-5083	0	14	A	2	40
12Q7	12,6	HS0-4083	0	14	A	2	40
12R5	12,6	ET2-7610	20	-	D	#	35
12S8	12,6	HY0-6020	10	-	B	3	23
12S8	12,6	HY0-3050	0	14	A	2	40
12S8	12,6	HY0-4020	0	14	A	2	40
12S8	12,6	HY0-1020	0	14	A	2	40
12SA7	12,6	HS8-3465	-	-	-	-	-
12SA7	12,6	HS5-4068	0	-	C	3	50
12SC7	12,6	HY4-5062	0	-	B	3	25
12SC7	12,6	HY3-2065	0	-	B	3	25
12SF5	12,6	HY3-5020	12	-	B	3	25
12SF7	12,6	HY2-6431	0	-	B	3	50
12SF7	12,6	HY0-5036	0	14	A	2	40
12SG7	12,6	HS4-8651	0	-	C	3	42
12SH7	12,6	HS4-8651	0	-	C	3	43
12SJ7	12,6	HS4-8653	22	-	B	3	40
12SK7	12,6	HS4-8653	22	-	B	3	48
12SL7	12,6	HY4-5062	0	-	B	3	32
12SL7	12,6	HY1-2035	0	-	B	3	32
12SN7	12,6	HY4-5062	23	-	B	3	50
12SN7	12,6	HY1-2035	23	-	B	3	50
12SQ7	12,6	HY2-6031	11	-	B	3	19
12SQ7	12,6	HY0-5036	0	14	A	2	20
12SQ7	12,6	HY0-4036	0	14	A	2	20
12SR7	12,6	HY2-6031	18	-	B	3	48
12SR7	12,6	HY0-5036	0	14	A	2	20
12SR7	12,6	HY0-4036	0	14	A	2	20
12SW7	12,6	HY2-6031	14	-	B	3	48
12SW7	12,6	HY0-5036	0	14	A	2	40
12SW7	12,6	HY0-4036	0	14	A	2	40
12SX7	12,6	HY4-5062	14	-	C	3	33
12SX7	12,6	HY1-2035	14	-	C	3	33
12SY7	12,6	HS8-3465	-	-	-	-	-
12SY7	12,6	HS5-4068	15	-	D	3	23
12T10	12,6	BU8-3290	35	-	B	3	62
12T10	12,6	BU3-7625	8	-	B	3	18
12U7	12,6	EV0-6087	0	0	A	2	12
12U7	12,6	EV0-1032	0	0	A	2	12
12V6	12,6	HS5-3480	21	-	C	3	46
12W6	12,6	HS5-3480	10	-	D	#	45
12X4	12,6	ET0-6070	0	30	A	7	40
12X4	12,6	ET0-1070	0	30	A	7	40
12Z3	12,6	ER0-2030	0	52	A	7	40
12Z5	12,6	GS0-5040	0	38	A	7	40
12Z5	12,6	GS0-3040	0	38	A	7	40
13CW4	12,6	DR4-2080	16	-	D	3	44
13DE7	12,6	EV7-6080	31	-	B	3	51

13DE7	12,6	EV2-1090	54	-	D	3	33
13DR7	12,6	EV7-6080	22	-	B	3	20
13DR7	12,6	EV2-1090	54	-	D	3	31
13EM7	12,6	HY4-5060	20	-	B	3	25
13EM7	12,6	HY1-2030	60	-	D	3	35
13FR7	12,6	EV7-6080	20	-	B	3	25
13FR7	12,6	EV3-1090	60	-	D	3	35
14A4	12,6	JR6-2070	23	-	B	3	50
14A5	12,6	JR6-2370	12	-	C	3	38
14A7	12,6	JR6-2375	22	-	B	3	48
14AF7	12,6	JR5-6070	21	-	C	3	33
14AF7	12,6	JR4-3020	21	-	C	3	33
14B6	12,6	JR3-2070	0	-	B	3	28
14B6	12,6	JR0-6072	0	14	A	2	40
14B6	12,6	JR0-5072	0	14	A	2	40
14B8	12,6	JR6-2574	-	-	-	-	-
14B8	12,6	JR4-5376	44	-	B	3	29
14BL11	12,6	BV4-2380	32	-	B	3	45
14BL11	12,6	BS5-7060	23	-	C	3	29
14BL11	12,6	BS3-9040	20	-	C	3	43
14BR11	12,6	BW2-5340	27	-	C	3	38
14BR11	12,6	BS8-6050	29	-	B	3	38
14BR11	12,6	BT2-9020	24	-	B	3	54
14C5	12,6	JR6-2370	23	-	C	3	46
14C7	12,6	JR6-2374	22	-	B	3	33
14E6	12,6	JR3-2070	12	-	B	3	55
14E6	12,6	JR0-6072	0	14	A	2	40
14E6	12,6	JR0-5072	0	14	A	2	40
14E7	12,6	JR6-2570	24	-	B	3	33
14E7	12,6	JR0-4072	0	0	A	2	30
14E7	12,6	JR0-3072	0	0	A	2	30
14F7	12,6	JR5-6073	0	-	B	3	40
14F7	12,6	JR4-3026	0	-	B	3	40
14F8	12,6	HS8-6050	10	-	D	3	25
14F8	12,6	HS1-3040	10	-	D	3	25
14GT8	12,6	EV8-9070	20	-	B	3	12
14GT8	12,6	EV0-2030	0	0	A	2	32
14GT8	12,6	EV0-6010	0	0	A	2	32
14H7	12,6	JR6-2374	10	-	D	3	19
14J7	12,6	JR6-2574	18	-	B	3	20
14J7	12,6	JR4-3576	18	-	B	3	25
14JG8	12,6	EV8-9070	10	-	B	3	38
14JG8	12,6	EV0-6010	0	70	A	2	40
14JG8	12,6	EV0-2030	0	70	A	2	40
14N7	12,6	JR5-6073	23	-	B	3	50

14N7	12,6	JR4-3026	23	-	B	3	50
14Q7	12,6	JR6-2375	-	-	-	-	-
14Q7	12,6	JR4-3076	20	-	C	3	57
14R7	12,6	JR6-2570	10	-	C	3	38
14R7	12,6	JR0-4072	0	0	A	2	30
14R7	12,6	JR0-3072	0	0	A	2	30
14S7	12,6	JR6-2574	18	-	B	3	38
14S7	12,6	JR4-3576	0	-	B	3	38
14V7	12,6	JR6-2374	6	-	C	3	50
14W7	12,6	JR6-2375	10	-	D	3	18
14X7	12,6	JR3-2040	0	-	B	3	23
14X7	12,6	JR0-5040	0	67	A	2	40
14X7	12,6	JR0-6070	0	67	A	2	40
14Y4	12,6	JR0-6070	0	30	A	7	40
14Y4	12,6	JR0-3070	0	30	A	7	40
14Z3	12,6	ER0-2030	0	52	A	7	40
15	2,0	FR0-2340	10	-	B	#	16
15A6	12,6	EV2-7136	7	-	D	3	50
15AF11	12,6	BV4-2390	20	-	C	3	63
15AF11	12,6	BS6-8050	27	-	B	3	55
15AF11	12,6	BS3-4070	20	-	B	3	55
15BD11	12,6	BV4-2390	27	-	C	3	38
15BD11	12,6	BS6-8050	29	-	B	3	38
15BD11	12,6	BS3-4070	24	-	B	3	54
15CW5	12,6	EV2-7930	9	-	D	3	50
15EA7	12,6	JX4-5060	10	-	B	3	39
15EA7	12,6	JX1-2030	56	-	D	3	33
15EW6	12,6	ET1-5627	24	-	C	3	41
15EW7	12,6	EV7-6080	37	-	B	3	26
15EW7	12,6	EV2-1090	54	-	D	3	38
16A5	20,0	EV2-7930	27	-	C	3	56
16A8	20,0	EV3-6720	26	-	C	3	58
16A8	20,0	EV1-9080	21	-	B	3	23
16BQ11	20,0	BU2-8937	12	-	C	3	51

16BQ11	20,0	BX5-2364	26	-	B	3	52
16GK6	20,0	EV2-7813	10	-	D	3	47
17AV5	20,0	HS1-5830	35	-	D	3	28
17AX3	20,0	BS0-4070	0	54	A	7	40
17AX4	20,0	JX0-5030	0	54	A	7	40
17AY3	20,0	EV0-2090	0	38	A	7	50
17BE3	20,0	BT0-2070	0	66	A	7	40
17BF11	20,0	BU8-3290	31	-	D	3	33
17BF11	20,0	BU3-7625	26	-	B	3	10
17BQ6	20,0	HS5-0480	55	-	C	3	50
17BS3	20,0	EV0-2090	0	60	A	7	42
17C5	20,0	ET2-7610	10	-	D	#	40
17CA5	20,0	ET2-7610	15	-	D	3	25
17CT3	20,0	EV0-2090	0	15	A	7	40
17CU5	20,0	ET2-7610	10	-	D	#	45
17D4	20,0	HY0-5030	0	34	A	7	52
17DE4	20,0	HY0-5030	0	38	A	7	50
17DM4	20,0	HY0-5030	0	38	A	7	50
17DQ6	20,0	HS5-0480	36	-	D	3	30
17EW8	20,0	EV7-6080	13	-	C	3	57
17EW8	20,0	EV2-1030	13	-	C	3	57
17GE5	20,0	BV4-7230	36	-	D	3	30
17GV5	20,0	BU9-3020	36	-	D	3	30
17GW6	20,0	HS5-0480	31	-	D	#	38
17H3	20,0	EV0-3010	0	50	A	7	40
17JB6	20,0	EV2-0138	34	-	D	#	38
17JF6	20,0	EV2-0138	55	-	D	#	45

17JM6	20,0	BW5-0324	48	-	D	3	32
17JMN6	20,0	BW5-7324	48	-	D	3	32
17L6	20,0	HS5-3480	10	-	D	#	38
17R5	20,0	ET2-7610	20	-	D	#	25
18A5	20,0	HS1-5830	43	-	C	3	60
18DZ8	20,0	EV3-6720	24	-	D	3	30
18DZ8	20,0	EV1-9080	26	-	B	3	15
18FW6	20,0	ET1-5672	24	-	B	3	50
18FX6	20,0	ET1-5627	20	-	B	3	28
18FX6	20,0	ET1-6027	18	-	D	3	30
18FY6	20,0	ET1-7020	30	0	A	3	28
18FY6	20,0	ET0-6020	0	0	A	2	26
18FY6	20,0	ET0-5020	0	0	A	2	26
18HB8	20,0	EV9-7680	30	-	C	3	46
18HB8	20,0	EV1-3020	30	-	B	3	17
19	2,0	GR4-5000	15	-	B	3	25
19	2,0	GR3-2000	15	-	B	3	25
19AU4	20,0	HY0-5030	0	66	A	7	40
19AQ5	20,0	ET1-5620	21	-	C	3	46
19BG6	20,0	HS5-0830	18	-	D	3	30
19C8	20,0	EV8-9070	23	-	B	3	13
19C8	20,0	EV8-6070	0	70	A	2	40
19C8	20,0	EV8-2030	0	70	A	2	40
19C8	20,0	EV8-1070	0	70	A	7	40
19CL8A	20,0	EV9-6780	12	-	D	3	20
19CL8A	20,0	EV1-2030	12	-	D	3	35
19EA8	20,0	EV2-6370	0	-	D	3	28
19EA8	20,0	EV9-1080	10	-	D	3	42
19EZ8	20,0	EV9-8000	30	-	B	3	20
19EZ8	20,0	EV7-6000	30	-	B	3	20
19EZ8	20,0	EV2-3010	31	-	B	3	24
19G3	4,3	HS0-0000	0	-	A	7	40
19HV8	20,0	EV9-6780	10	-	D	3	22
19HV8	20,0	EV1-2030	25	-	B	3	20
19J6	20,0	ET5-2076	17	-	D	3	27
19J6	20,0	ET6-1075	17	-	D	3	27
19T8	20,0	EV8-9076	11	-	B	3	30
19T8	20,0	EV0-6071	0	70	A	2	40
19T8	20,0	EV0-2036	0	70	A	2	40
19T8	20,0	EV0-1078	0	70	A	2	40
19V8	20,0	EV6-1038	11	-	B	3	30
19V8	20,0	EV0-9032	0	0	A	2	30
19V8	20,0	EV0-7086	0	72	A	2	40
19V8	20,0	EV0-2038	0	72	A	2	40
19X3	20,0	EV0-9030	0	63	A	7	40
19X8	20,0	EV7-9861	9	-	D	3	23
19X8	20,0	EV2-3861	15	-	D	3	23

19Y3	20,0	EV0-9030	0	63	A	7	40
RK20A	7,5	FR3-0240	0	-	C	3	32
20	3,0	ER3-2000	77	-	B	3	13
20EQ7	20,0	EV2-7631	29	-	B	3	27
20EQ7	20,0	EV0-8030	0	0	A	2	34
20EZ7	20,0	CR8-7090	12	-	B	3	32
20EZ7	20,0	CR5-6040	12	-	B	3	32
20LF6	20,0	BW5-0324	70	-	D	3	38
VX21	1,1	CX0-4000	0	0	A	2	10
21A6	20,0	EV2-0839	45	-	D	3	30
21EX6	20,0	HS5-0830	49	-	D	3	39
21JS6	20,0	BW5-0324	82	-	C	3	52
22	3,0	ER0-2300	20	-	B	#	13
22DE4	25,0	HY0-5030	0	38	A	7	50
22JF6	25,0	EV2-0138	55	-	D	#	45
23JS6	25,0	BW5-0324	82	-	C	3	52
VT-24	1,1	ER3-2000	45	-	B	3	16
24	2,5	FR0-2340	12	-	B	3	25
24A	2,5	FR0-2340	12	-	B	3	25
24BF11	25,0	BS8-3490	31	-	D	3	33
24BF11	25,0	BY3-7625	26	-	B	3	10
24G	6,3	ER0-0000	0	-	B	3	25
VT-25	7,5	ER3-2000	39	-	B	3	32
VT-25A	7,5	ER3-2000	30	-	B	3	50
25A6	25,0	HS5-3480	43	-	B	3	58
25A7	25,0	HS5-3486	50	-	B	3	45
25A7	25,0	HS0-6013	0	57	A	7	40
25AC5	25,0	HS5-3080	0	-	B	3	38
25AV5	25,0	HS1-5830	50	-	C	3	49
25AV6	25,0	ET1-7025	12	-	B	3	32
25AV6	25,0	ET1-6025	0	0	A	2	40
25AV6	25,0	ET1-5027	0	0	A	2	40
25AX4	25,0	HY0-5030	0	54	A	7	40
25B5	25,0	GR4-2350	0	-	B	3	63
25B6	25,0	HS5-3480	52	-	C	3	50
25B8	25,0	HS0-3410	22	-	B	3	50
25B8	25,0	HS8-5060	10	-	B	3	38
25BK5	25,0	EV8-1860	0	-	D	3	28
25BQ6	25,0	HS5-0480	50	-	C	3	56
25C5	25,0	ET2-7610	10	-	D	#	45
25C6	25,0	HS5-3480	33	-	D	3	30

25CA5	25,0	ET2-7610	25	-	D	3	30
25CD6	25,0	HS5-0830	42	-	D	3	33
25CU6	25,0	HS5-0480	50	-	C	3	56
25D8	25,0	HS0-3410	18	-	B	3	48
25D8	25,0	HS5-6010	0	-	B	3	28
25D8	25,0	HS5-8010	0	33	A	2	40
25DK4	25,0	ET0-5070	0	65	A	7	40
25DN6	25,0	HS5-0830	28	-	D	#	45
25DQ6	25,0	HS5-0480	36	-	D	3	30
25DT5	25,0	EV3-9170	31	-	C	3	60
25EC6	25,0	HS5-0830	50	-	D	3	30
25EH5	25,0	ET2-7610	31	-	C	3	50
25F5	25,0	ET2-7610	35	-	C	3	50
25L6	25,0	HS5-3481	10	-	D	#	45
25N6	25,0	HS5-3480	0	-	B	3	63
25T	6,3	ER3-0000	0	-	B	3	35
25W4	25,0	HY0-5030	0	63	A	7	40
25W6	25,0	HS5-3480	56	-	C	3	38
25Y5	25,0	GR0-5040	0	33	A	7	40
25Y5	25,0	GR0-2030	0	33	A	7	40
25Z5	25,0	GR0-5040	0	60	A	7	40
25Z5	25,0	GR0-2030	0	60	A	7	40
25Z5MG	25,0	HS0-5080	0	60	A	7	40
25Z5MG	25,0	HS0-3040	0	60	A	7	40
25Z6	25,0	HS0-5081	0	60	A	7	40
25Z6	25,0	HS0-3041	0	60	A	7	40
VT-26	3,0	ER0-2300	20	-	B	#	13
26	1,5	ER3-2000	43	-	B	3	29
26A6	25,0	ET1-5672	9	-	C	3	50
26A7	25,0	HW1-8523	11	-	D	#	28
26A7	25,0	HW3-4521	11	-	D	#	28
26BK6	25,0	ET1-7025	6	-	B	3	32
26BK6	25,0	ET0-6025	0	40	A	2	40
26BK6	25,0	ET0-5027	0	40	A	2	40
26C6	25,0	ET1-7020	18	-	B	3	48
26C6	25,0	ET1-6020	0	14	A	2	40
26C6	25,0	ET1-5020	0	14	A	2	40
26D6	25,0	ET7-5621	-	-	-	-	-
26D6	25,0	ET1-6027	17	-	D	3	36
26E6	25,0	HS5-3480	30	-	D	3	30
26E6WG	25,0	HS5-3480	45	-	D	3	28
26HU5	25,0	JX1-0320	42	-	D	#	42
26LW6	25,0	JX1-0320	42	-	D	#	42
26Z5W	25,0	EV0-6080	0	50	A	7	40
26Z5W	25,0	EV0-1030	0	50	A	7	40
VT-27	2,0	ER3-2000	40	-	B	3	23
27	2,5	FR3-2040	41	-	B	3	25
27S	2,5	FR3-2040	41	-	B	3	25
VT-28	2,5	FR0-2340	12	-	B	3	25
28D7	25,0	JR7-5362	20	-	D	#	17
28D7	25,0	JR2-4367	20	-	D	#	17

VT-29	2,5	FR3-2040	41	-	B	3	25
VT-30	5,0	ER3-2000	48	-	B	3	18
HD30	2,5	EV3-7100	55	-	B	3	43
30	2,0	ER3-2000	40	-	B	3	23
VT-31	2,0	ER3-2000	65	-	B	3	23
31	2,0	ER3-2000	65	-	B	3	23
31JS6	35,0	BW5-0324	82	-	C	3	52
32	2,0	ER0-2300	19	-	B	#	16
32ET5	35,0	ET2-7610	37	-	C	3	54
32L7	35,0	HS5-3480	34	-	C	3	60
32L7	35,0	HS0-6013	0	60	A	7	40
RY32 (Russian)	6,3	HS4-5613	0	-	C	3	44
RY32 (Russian)	6,3	HS4-8613	0	-	C	3	44
RK33	6,3	HR4-5060	38	-	B	3	34
RK33	6,3	HR0-3020	38	-	B	3	34
VT-33	2,0	FR3-2400	35	-	B	3	36
33	2,0	FR3-2400	35	-	B	3	36
RK34	6,3	HR3-0040	18	-	C	3	33
RK34	6,3	HR5-0040	18	-	C	3	33
34	2,0	ER0-2300	17	-	B	#	15
34GD5	35,0	ET2-7610	38	-	C	3	60
VT-35	2,5	FR0-2340	24	-	B	3	26
35	2,5	FR0-2340	24	-	B	3	26
35A5	35,0	JR6-2370	33	-	D	3	30
35B5	35,0	ET1-5620	32	-	D	3	23
35C5	35,0	ET2-7610	32	-	D	3	23
35CD6	35,0	HS5-0830	42	-	D	3	33
35DZ8	35,0	EV3-6720	24	-	D	3	30
35DZ8	35,0	EV1-9080	26	-	B	3	15
35EH5	35,0	ET2-7610	10	-	D	3	35
35GL6	35,0	ET2-7510	35	-	D	3	32
35HB8	35,0	EV9-7680	30	-	C	3	46
35HB8	35,0	EV1-3020	30	-	B	3	17
35L6	35,0	HS5-3480	33	-	D	3	30
35T	5,0	ER3-0000	0	-	B	3	28
35W4	BLST	ET0-1670	-	-	-	-	-
35W4	35,0	ET0-5070	0	65	A	7	40
35Y4	BLST	JR0-2470	-	-	-	-	-
35Y4	35,0	JR0-2070	0	65	A	7	40
35Z3	35,0	JR0-2070	0	65	A	7	40
35Z4	35,0	HS0-5080	0	65	A	7	40
35Z5	BLST	HS0-5380	-	-	-	-	-
35Z5	35,0	HS0-5080	0	65	A	7	40
35Z6	35,0	HS0-5080	0	65	A	7	40
35Z6	35,0	HS0-3040	0	65	A	7	40
VT-36	6,3	FR0-2340	24	-	B	3	26
36	6,3	FR0-2340	24	-	B	3	26

36AM3	35,0	ET0-5070	0	40	A	7	50
VT-37	6,3	FR3-2040	41	-	B	3	23
37	6,3	FR3-2040	41	-	B	3	23
VT-38	6,3	FR0-2340	39	-	B	3	26
38	6,3	FR0-2340	39	-	B	3	26
38A3	35,0	EV0-1030	0	-	A	7	40
RK39	6,3	FR3-0240	33	-	C	3	48
39/44	6,3	FR0-2340	28	-	B	3	25
HY40	7,5	ER3-0000	0	-	B	3	30
T40	7,5	ER3-0000	0	-	B	3	30
TZ-40	7,5	ER3-0000	0	-	B	3	23
VT-40	5,0	ER3-2000	32	-	B	3	55
40	5,0	ER3-2000	32	-	B	3	55
40FR5	35,0	ET2-7610	40	-	C	3	52
40Z5	BLST	HS0-5380	-	-	-	-	-
40Z5	50,0	HS0-5080	0	65	A	7	40
41	6,3	GR4-2350	34	-	B	3	40
42	6,3	GR4-2350	29	-	B	3	50
43	25,0	GR4-2350	43	-	B	3	58
VT-44	2,0	ER0-2300	19	-	B	#	16
VT-45	2,5	ER3-2000	61	-	B	3	47
45	2,5	ER3-2000	61	-	B	3	47
45Z3	50,0	HR0-2040	0	58	A	7	40
45Z5	BLST	HS0-5380	-	-	-	-	-
45Z5	50,0	HS0-5080	0	65	A	7	40
VT-46	3,0	ER0-0000	0	67	A	7	40
VT-46A	3,0	ER0-0000	0	67	A	7	40
46	2,5	FR3-2400	30	-	B	3	50
VT-47	2,5	FR3-2400	22	-	B	3	50
47	2,5	FR3-2400	22	-	B	3	50
VT-48	6,3	GR4-2350	34	-	B	3	40
48	25,0	GR4-2350	58	-	B	3	50
VT-49	6,3	FR0-2340	28	-	B	3	25
49	2,0	FR3-2400	49	-	B	3	28
VT-50	7,5	ER3-2000	61	-	B	3	38
50	7,5	ER3-2000	61	-	B	3	38
50A5	50,0	JR6-2370	10	-	D	#	45
50AX6	50,0	HS0-5080	0	65	A	7	40
50AX6	50,0	HS0-3040	0	65	A	7	40
50B5	50,0	ET1-5620	10	-	D	#	45
50BK5	50,0	EV3-1860	0	-	D	3	28
50BM8	50,0	EV3-6720	32	-	C	3	56
50BM8	50,0	EV1-9080	14	-	B	3	41
50C5	50,0	ET2-7610	10	-	D	#	45
50C6	50,0	HS5-3481	33	-	D	3	30
50CD6	50,0	HS5-0830	42	-	D	3	33
50DC4	50,0	ET0-5070	0	44	A	7	60
50EH5	50,0	ET2-7610	31	-	C	3	50
50FA5	50,0	ET2-7610	38	-	C	3	65
50FE5	50,0	HS5-3480	45	-	D	3	60
50FK5	50,0	ET2-7610	27	-	C	2	60

50FY8	50,0	EV3-6720	20	-	D	3	31
50FY8	50,0	EV1-9080	30	-	B	3	23
50HC6	50,0	ET2-7310	10	-	D	#	45
50HK6	50,0	ET2-7310	10	-	D	#	45
50L6	50,0	HS5-3480	10	-	D	#	45
50X6	50,0	JR0-6075	0	60	A	7	40
50X6	50,0	JR0-3025	0	60	A	7	40
50Y6	50,0	HS0-5080	0	60	A	7	40
50Y6	50,0	HS0-3040	0	60	A	7	40
50Y7	BLST	HS0-0600	-	-	-	-	-
50Y7	50,0	HS0-5080	0	60	A	7	40
50Y7	50,0	HS0-3040	0	60	A	7	40
50Z7	BLST	HS0-0600	-	-	-	-	-
50Z7	50,0	HS0-5080	0	60	A	7	40
50Z7	50,0	HS0-3040	0	60	A	7	40
HD51	BLST	AP0-1020	0	32	A	4	40
VT-51	7,5	ER3-2000	0	-	B	3	25
51 / 51S	2,5	FR0-2340	24	-	B	3	26
HD52	BLST	AP0-5020	0	40	A	4	40
52	6,3	FR3-2400	33	-	C	3	30
53	2,5	HR5-6042	12	-	B	3	38
53	2,5	HR3-2046	12	-	B	3	38
VT-54	2,0	ER0-2300	17	-	B	#	15
VT-55	7,5	ER3-0200	34	-	B	3	16
55	2,5	GR0-2050	39	-	B	3	24
55	2,5	GR0-4050	0	14	A	2	40
55	2,5	GR0-3050	0	14	A	2	40
VT-56	2,5	FR3-2040	29	-	B	3	37
56	2,5	FR3-2040	29	-	B	3	37
VT-57	2,5	GR0-2354	21	-	B	3	31
57	2,5	GR0-2354	21	-	B	3	31
57A	6,3	GR0-2354	21	-	B	3	31
VT-58	2,5	GR0-2354	24	-	B	3	36
58	2,5	GR0-2354	24	-	B	3	36
58A / 58AS	6,3	GR0-2354	24	-	B	3	36
HD59	6,3	ET1-5602	20	-	C	3	38
59	2,5	HR4-2365	22	-	B	3	50
RK60	5,0	ER0-0000	0	0	A	7	50
RK60	5,0	BU0-0000	0	0	A	7	50
60FX5	50,0	ET2-7610	15	-	D	3	31
HY61	6,3	FR3-0240	33	-	C	3	48
VT-62	7,5	ER3-2000	0	-	B	3	38
VT-63	2,5	FR3-2400	30	-	B	3	50
HY65	6,3	HS5-0408	0	-	C	3	38
VT-65	6,3	HS5-3080	21	-	B	3	50
VT-65A	6,3	HS5-3080	21	-	B	3	50
VT-66	6,3	HS5-3481	29	-	B	3	50
VT-66A	6,3	HS5-3481	29	-	B	3	50
VT-67	2,0	ER3-2000	40	-	B	3	23
VT-68	6,3	HR0-2360	30	-	B	3	25
VT-68	6,3	HR0-5360	0	14	A	2	40

VT-68	6,3	HR0-4360	0	14	A	2	40
HY69	6,3	FR3-0240	0	-	C	3	38
VT-69	6,3	GR0-2354	21	-	B	3	40
VT-70	6,3	HR0-2365	28	-	B	3	28
VT-70	6,3	HR5-4362	28	-	B	3	13
70A7	75,0	HS5-3480	50	-	C	3	38
70A7	75,0	HS0-1000	0	65	A	See Note>	40
70L7	75,0	HS5-3460	41	-	C	3	63
70L7	75,0	HS0-8013	0	65	A	7	40
71A	5,0	ER3-2000	73	-	B	3	42
VT-72	7,5	ER3-2000	61	-	B	3	30
72	2,5	ER0-0000	0	80	A	4	40
VT-73	2,5	FR3-2040	12	-	B	3	42
VT-74	5,0	JS0-6000	0	64	A	7	40
VT-74	5,0	JS0-4000	0	64	A	7	40
HY75	6,3	HS0-0000	30	-	B	3	35
VT-75	6,3	GR0-2050	11	-	B	3	19
VT-75	6,3	GR0-4052	0	14	A	2	40
VT-75	6,3	GR0-3052	0	14	A	2	40
75	6,3	GR0-2050	11	-	B	3	19
75	6,3	GR0-4052	0	14	A	2	40
75	6,3	GR0-3052	0	14	A	2	40
75MG	6,3	HS0-4080	11	-	B	3	19
75MG	6,3	HS0-5080	0	14	A	2	40
75MG	6,3	HS0-6080	0	14	A	2	40
VT-76	6,3	FR3-2040	29	-	B	3	36
76	6,3	FR3-2040	29	-	B	3	36
VT-77	6,3	GR0-2354	21	-	B	3	31
77	6,3	GR0-2354	21	-	B	3	31
VT-78	6,3	GR0-2354	24	-	B	3	36
78	6,3	GR0-2354	24	-	B	3	36
79	6,3	GR0-5040	15	-	B	3	25
79	6,3	GR3-2040	15	-	B	3	25
VT-80	5,0	ER0-3000	0	0	A	7	40
VT-80	5,0	ER0-2000	0	0	A	7	40
80	5,0	ER0-3000	0	0	A	7	40
80	5,0	ER0-2000	0	0	A	7	40
81	7,5	ER0-2000	0	40	A	6	40
82	2,5	ER0-3000	0	70	A	7	40
82	2,5	ER0-2000	0	70	A	7	40
VT-83	5,0	ER0-3000	0	66	A	7	40
VT-83	5,0	ER0-2000	0	63	A	7	40
83	5,0	ER0-3000	0	66	A	7	40
83	5,0	ER0-2000	0	63	A	7	40
83V	5,0	ER0-3000	0	60	A	7	40
83V	5,0	ER0-2000	0	60	A	7	40
VT-84	6,3	FR0-3040	0	46	A	7	40
VT-84	6,3	FR0-2040	0	46	A	7	40

84	6,3	FR0-3040	0	46	A	7	40
84	6,3	FR0-2040	0	46	A	7	40
85	6,3	GR0-2050	39	-	B	3	25
85	6,3	GR0-4052	0	14	A	2	40
85	6,3	GR0-3052	0	14	A	2	40
85AS	6,3	GR0-2050	28	-	B	3	28
85AS	6,3	GR0-4052	0	14	A	2	40
85AS	6,3	GR0-3052	0	14	A	2	40
VT-86	6,3	HS0-3485	19	-	B	3	36
VT-86A	6,3	HS0-3485	19	-	B	3	36
VT-86B	6,3	HS0-3485	19	-	B	3	36
VT-87	6,3	HS0-3485	23	-	B	3	16
VT-87	6,3	HS5-3481	27	-	B	3	16
VT-87A	6,3	HS0-3485	23	-	B	3	16
VT-87A	6,3	HS5-3481	27	-	B	3	16
VT-88	6,3	HS0-3081	18	-	B	3	48
VT-88	6,3	HS0-5083	0	14	A	2	40
VT-88	6,3	HS0-4083	0	14	A	2	40
VT-88A	6,3	HS0-3081	18	-	B	3	48
VT-88A	6,3	HS0-5083	0	14	A	2	40
VT-88A	6,3	HS0-4083	0	14	A	2	40
VT-88B	6,3	HS0-3081	18	-	B	3	48
VT-88B	6,3	HS0-5083	0	14	A	2	40
VT-88B	6,3	HS0-4083	0	14	A	2	40
VT-89	6,3	GR0-2354	37	-	B	3	39
89 / 89Y	6,3	GR0-2354	37	-	B	3	39
VT-90	6,3	HS0-5080	0	63	A	2	40
VT-90	6,3	HS0-3040	0	63	A	2	40
VT-90A	6,3	HS0-5080	0	63	A	2	40
VT-90A	6,3	HS0-3040	0	63	A	2	40
VT-91	6,3	HS0-3485	22	-	B	3	31
VT-91A	6,3	HS0-3485	22	-	B	3	31
VT-92	6,3	HS0-3081	17	-	B	3	20
VT-92	6,3	HS0-5083	0	14	A	2	40
VT-92	6,3	HS0-4083	0	14	A	2	40
VT-92A	6,3	HS0-3081	17	-	B	3	20
VT-92A	6,3	HS0-5083	0	14	A	2	40
VT-92A	6,3	HS0-4083	0	14	A	2	40
VT-93	6,3	HS0-3681	24	-	B	3	29
VT-93	6,3	HS0-5681	0	14	A	2	40
VT-93	6,3	HS0-4681	0	14	A	2	40
VT-93A	6,3	HS0-3681	24	-	B	3	29
VT-93A	6,3	HS0-5681	0	14	A	2	40
VT-93A	6,3	HS0-4681	0	14	A	2	40
VT-94	6,3	HS5-3080	23	-	B	3	50
VT-94A	6,3	HS5-3080	23	-	B	3	50
VT-94B	6,3	HS5-3080	23	-	B	3	50
VT-94C	6,3	HS5-3080	23	-	B	3	50
VT-94D	6,3	HS5-3080	23	-	B	3	50
VT-95	2,5	ER3-2000	67	-	C	3	38
VT-96	6,3	HS5-6083	12	-	B	3	38

VT-96	6,3	HS4-3086	12	-	B	3	38
VT-97	5,0	JS0-6000	0	16	A	7	40
VT-97	5,0	JS0-4000	0	0	A	7	40
VT-98	6,3	GR5-4030	0	100	A	3	-
VT-98	6,3	GR5-4230	0	100	A	3	-
VT-99	6,3	HS5-6080	23	-	B	3	50
VT-99	6,3	HS0-3040	23	-	B	3	50
99	3,0	ER3-2000	55	-	B	3	11
VT-100	6,3	FR3-0240	33	-	C	3	48
VT-101	12,6	HR4-0365	0	-	C	3	50
101A (Boonton)	2,5	GR0-2050	11	-	B	3	19
101A (Boonton)	2,5	GR0-4050	0	14	A	2	40
101A (Boonton)	2,5	GR0-3050	0	14	A	2	40
101D	4,3	ER3-2000	55	-	B	3	28
101F	4,3	ER3-2000	53	-	B	3	28
102A (Boonton)	2,5	ER3-2000	61	-	B	3	47
102D	2,0	ER3-2000	25	-	B	3	13
102F	2,0	ER3-2000	25	-	B	3	14
VT-103	6,3	HY2-6031	11	-	B	3	19
VT-103	6,3	HY0-5036	0	14	A	2	20
VT-103	6,3	HY0-4036	0	14	A	2	20
VT-104	12,6	HY2-6031	11	-	B	3	19
VT-104	12,6	HY0-5036	0	14	A	2	20
VT-104	12,6	HY0-4036	0	14	A	2	20
104D	4,3	ER3-2000	75	-	B	3	28
VT-105	6,3	HY4-5062	0	-	B	3	25
VT-105	6,3	HY3-2065	0	-	B	3	25
VT-107	6,3	HS5-3481	21	-	C	3	46
VT-107A	6,3	HS5-3481	21	-	C	3	46
VT-107B	6,3	HS5-3481	21	-	C	3	46
CK108	6,3	GR0-2354	21	-	B	3	31
VT-109	6,3	HS5-3068	See Note>	90	A	4	40
VT-112	6,3	HS4-8653	10	-	D	3	30
112A	5,0	ER3-2000	44	-	B	3	42
CK113	50,0	HS5-3486	48	-	B	3	45
CK113	50,0	HS0-6010	0	57	A	7	40
HY114	1,5	HS0-0000	19	-	B	3	28
VT-114	5,0	JS0-6000	0	54	A	7	40
VT-114	5,0	JS0-4000	0	47	A	7	40
VT-115	6,3	HS5-3481	23	-	D	3	40
VT-115A	6,3	HS5-3481	23	-	D	3	40
VT-116	6,3	HS4-8653	22	-	B	3	40
VT-116A	6,3	HS4-8653	22	-	B	3	40
VT-116B	6,3	HS4-8653	22	-	B	3	40
VT-117	6,3	HS4-8653	22	-	B	3	48

VT-117A	6,3	HS4-8653	22	-	B	3	48
117L7	117,0	HS4-3580	37	-	C	3	50
117L7	117,0	HS0-6010	0	65	A	7	40
117M7	117,0	HS4-3580	37	-	C	3	50
117M7	117,0	HS0-6010	0	65	A	7	40
117N7	117,0	HS4-3560	37	-	D	3	25
117N7	117,0	HS0-8000	0	71	A	See Note>	40
117P7	117,0	HS4-3560	37	-	C	3	50
117P7	117,0	HS0-8000	0	71	A	See Note>	40
117Z3	117,0	ET0-5060	0	65	A	7	40
117Z4	117,0	HS0-5080	0	65	A	7	40
117Z6	117,0	HS0-5080	0	65	A	7	40
117Z6	117,0	HS0-3040	0	65	A	7	40
VT-118	6,3	HS4-5613	0	-	C	3	44
VT-118	6,3	HS4-8613	0	-	C	3	44
VT-119	2,5	ER0-0000	0	78	A	4	40
VT-120	6,3	GR8-0374	30	-	B	3	18
VT-121	6,3	GR4-3070	22	-	B	3	48
VT-124	1.5	HS5-3400	43	-	B	3	20
VT-125	1.5	HS5-3400	37	-	B	3	19
VT-126	6,3	HS0-5081	0	40	A	7	40
VT-126	6,3	HS0-3081	0	40	A	7	40
VT-126A	6,3	HS0-5081	0	40	A	7	40
VT-126A	6,3	HS0-3081	0	40	A	7	40
VT-126B	6,3	HS0-5081	0	40	A	7	40
VT-126B	6,3	HS0-3081	0	40	A	7	40
VT-131	12,6	HS4-8653	22	-	B	3	48
VT-132	12,6	HS5-3486	11	-	B	3	25
VT-132	12,6	HS5-6483	0	-	C	3	30
VT-133	12,6	HY2-6031	18	-	B	3	48
VT-133	12,6	HY0-5036	0	14	A	2	20
VT-133	12,6	HY0-4036	0	14	A	2	20
VT-134	12,6	HS5-3481	12	-	C	3	38
VT-135	12,6	HS5-3081	23	-	B	3	50
VT-135A	12,6	HS5-3081	23	-	B	3	50
VT-136	12,6	HR4-0360	33	-	C	3	40
VT-137	12,6	HS5-3080	52	-	B	3	53
VT-138	12,6	HS5-4080	0	100	A	3	-
VT-138	12,6	HS5-4380	0	100	A	3	-
VT-139	-	HP0-5020	0	40	A	4	40
143D	2,5	ER0-0000	0	78	A	4	40
VT-145	5,0	ER0-3000	0	47	A	7	40
VT-145	5,0	ER0-2000	0	42	A	7	40
VT-146	1,5	HS0-3400	11	-	B	3	19
VT-147	1.5	HS5-4630	85	-	B	3	9
VT-148	1.5	HS5-3460	50	-	B	3	23

VT-148	1,5	HS5-6430	11	-	B	3	14
VT-148	1,5	HS5-8430	0	0	A	2	24
VT-149	2,5	HS0-3400	12	-	B	3	19
VT-149	2,5	HS5-6400	12	-	B	3	13
VT-149	2,5	HS0-8400	0	0	A	2	40
VT-150	6,3	HS8-3465	-	-	-	-	-
VT-150	6,3	HS5-4068	0	-	C	3	50
VT-150A	6,3	HS8-3465	-	-	-	-	-
VT-150A	6,3	HS5-4068	0	-	C	3	50
VT-151	6,3	HS5-4683	41	-	B	3	29
VT-151B	6,3	HS5-4683	41	-	B	3	29
VT-152	6,3	HS5-3480	34	-	B	3	40
VT152A	6,3	HS5-3480	34	-	B	3	40
VT-153	12,6	HS0-3681	24	-	B	3	29
VT-153	12,6	HS0-5083	0	0	A	2	40
VT-153	12,6	HS0-4083	0	0	A	2	40
VT-154	10,0	FR3-0240	0	-	C	3	38
X-155	6,3	EV7-6089	16	-	D	3	30
X-155	6,3	EV2-1039	16	-	D	3	30
VT-161	12,6	HS8-3465	-	-	-	-	-
VT-161	12,6	HS5-4068	0	-	C	3	50
VT-162	12,6	HS4-8653	22	-	B	3	40
VT-163	6,3	HS5-6080	17	-	B	3	25
VT-163	6,3	HS0-3040	17	-	B	3	25
VT-164	2,5	HS5-3408	12	-	C	3	43
VT-165	2,5	FR3-0200	17	-	C	3	50
VT-167	6,3	HS5-3486	11	-	B	3	25
VT-167	6,3	HS5-6483	0	-	C	3	30
VT-167A	6,3	HS5-3486	11	-	B	3	25
VT-167A	6,3	HS5-6483	0	-	C	3	30
VT-168	6,3	HS5-3480	33	-	D	3	30
VT-169	12,6	HS0-3681	24	-	B	3	29
VT-169	12,6	HS0-5083	0	0	A	2	40
VT-169	12,6	HS0-4083	0	0	A	2	40
VT-170	2,0	HS0-3400	18	-	B	#	16
VT-171	1,5	BX4-3062	68	-	B	3	13
VT-172	1,5	BX6-5400	13	-	B	#	13
VT-172	1,5	BX0-3400	0	0	A	2	34
VT-173	1,5	BX6-2300	0	-	B	#	19
VT-174	2,5	HR3-2400	28	-	B	#	38
VT-175	6,3	HS5-3480	0	-	B	3	56
VT-176	6,3	HS4-8653	0	-	C	3	44
VT-177	1,5	JR6-2000	16	-	B	3	7

VT-177	1,5	JR6-4000	0	0	A	2	40
VT-178	1,5	JR6-2534	-	-	-	-	-
VT-178	1,5	JR4-3526	30	-	B	#	14
VT-179	1,5	JR6-2340	11	-	B	3	19
VT-180	2,5	JR6-2300	30	-	B	3	48
VT-181	6,3	JR0-6070	0	12	A	7	40
VT-181	6,3	JR0-3070	0	12	A	7	40
C182	5,0	ER3-2000	83	-	B	3	25
C182A	5,0	ER3-2000	79	-	B	3	38
VT-182	2,5	JR6-7000	12	-	B	3	38
VT-182	2,5	JR3-2000	25	-	B	3	38
182B	5,0	ER3-2000	58	-	B	3	38
VT-183	1,5	JR0-4070	0	27	A	2	40
183	5,0	ER3-2000	79	-	B	3	38
VT-184	-	HP0-5020	0	65	A	4	40
VT-185	2,5	JR6-2300	37	-	B	3	52
VT-188	6,3	JR3-2070	12	-	B	3	55
VT-188	6,3	JR0-6072	0	14	A	2	40
VT-188	6,3	JR0-5072	0	14	A	2	40
VT-189	7,5	JR5-6073	0	-	B	3	33
VT-189	6,3	JR4-3026	0	-	B	3	33
VT-190	6,3	JR6-2374	10	-	D	3	19
VT-192	6,3	JR6-2070	23	-	B	3	50
VT-193	6,3	JR6-2374	22	-	B	3	33
VT-194	6,3	JR6-2574	18	-	B	3	20
VT-194	6,3	JR4-3576	18	-	B	3	25
VT-195	6,3	GY0-3050	0	89	A	4	40
VT-195	6,3	GY0-5030	0	89	A	4	40
VT-196	6,3	HS0-5080	0	40	A	7	40
VT-196	6,3	HS0-3080	0	40	A	7	40
VT-197A	5,0	JS0-6000	0	0	A	7	40
VT-197A	5,0	JS0-4000	0	0	A	7	40
VT-198A	6,3	HS5-3480	23	-	B	3	53
VT-199	6,3	HS4-8653	19	-	B	3	46
VT-200	-	HP0-5020	0	60	A	4	40
VT-201	25,0	HS5-3481	10	-	D	#	45
VT-201C	25,0	HS5-3481	10	-	D	#	45
VT-202	6,3	ET6-1070	22	-	B	3	48
VT-203	6,3	ET1-5620	17	-	B	3	38
VT-204	6,3	ER0-0000	0	-	B	3	25
VT-205	6,3	HY2-6031	15	-	B	3	48
VT-205	6,3	HY0-5036	0	0	A	2	30
VT-205	6,3	HY0-4036	0	0	A	2	30
205F	5,0	ER3-2000	34	-	B	3	37
VT-206A	5,0	JS0-6000	0	60	A	7	40
VT-206A	5,0	JS0-4000	0	60	A	7	40
VT-207	12,6	HY5-6043	20	-	B	3	50
VT-207	12,6	HY1-3026	20	-	B	3	50

VT-208	6,3	JR6-2574	-	-	-	-	-
VT-208	6,3	JR4-5376	44	-	B	3	29
VT-209	12,6	HS4-8651	0	-	C	3	42
VT-210	1,5	BX3-2400	31	-	B	#	38
VT-211	6,3	HS4-8651	0	-	C	3	42
VT-212	1,5	GR4-3000	41	-	B	3	30
VT-213A	6,3	HS5-3080	27	-	B	3	38
VT-214	12,6	HS0-5081	0	63	A	2	40
VT-214	12,6	HS0-3041	0	63	A	2	40
VT-215	6,3	GR5-4030	0	100	A	3	-
VT-215	6,3	GR5-4230	0	100	A	3	-
VT-216	2,5	ER0-0000	0	69	A	7	40
VT-217	6,3	ER3-0000	0	-	B	3	36
VT-221	2,5	HS5-3400	38	-	B	3	45
VT-222	6,3	HS5-3080	See Note>	90	A	4	40
VT-223	1.5	HS0-3000	16	-	B	3	7
VT-223	1.5	HS0-5000	0	0	A	2	40
VT-224	6,3	HR3-0040	18	-	C	3	33
VT-224	6,3	HR5-0040	18	-	C	3	33
VT-225	5,0	FR3-0204	32	-	B	3	64
VT-229	6,3	HY4-5062	0	-	B	3	32
VT-229	6,3	HY1-2035	0	-	B	3	32
VT-230	6,3	FR3-0240	21	-	D	3	32
VT-231	6,3	HY4-5062	23	-	B	3	50
VT-231	6,3	HY1-2035	23	-	B	3	50
231D	3,0	ER3-2000	49	-	B	3	14
VT-232	6,3	HS0-0080	14	-	B	3	56
VT-233	6,3	HY2-6031	18	-	B	3	48
VT-233	6,3	HY0-5036	0	14	A	2	20
VT-233	6,3	HY0-4036	0	14	A	2	20
VT-236	3,0	ER0-0000	0	56	A	7	40
VT-237	1,5	GR4-3000	28	-	B	3	16
VT-238	6,3	GR8-0374	30	-	B	3	31
VT-239	1,5	JR6-2050	20	-	B	3	30
VT-241	6,3	JS1-3040	15	-	C	3	38
VT-243	6,3	JR0-4070	0	52	A	2	40
VT-244	5,0	JS0-6000	0	47	A	7	40
VT-244	5,0	JS0-4000	0	42	A	7	40
244A	2,0	FR3-2040	42	-	B	3	23
VT-245	6,3	HS5-3068	See Note>	90	A	4	40
245A	2,0	FR0-2340	55	-	B	3	18
VT-247	6,3	HS4-8651	10	-	D	3	30
247A	2,0	FR3-2040	33	-	B	3	23
TS251	50,0	HS5-3486	50	-	B	3	45
TS251	50,0	HS0-6013	0	57	A	7	40
256A	2,5	FR3-2040	See Note>	0	A	7	40
257A	3,0	ER0-2000	49	-	B	3	14

VT-259	6,3	HS4-5613	0	-	D	3	20
VT-259	6,3	HS4-8613	0	-	D	3	20
259A	2,0	FR0-2340	33	-	B	3	28
VT-260	-	HP0-5020	0	60	A	4	40
262B	10,0	ER0-2030	31	-	B	3	25
VT-264	3,0	HR3-2400	24	-	B	3	54
264B	1,5	ER3-2000	49	-	B	3	14
264C	1,5	ER3-2000	54	-	B	3	14
VT-266	3,0	ER0-0000	0	46	A	6	40
VT-268	12,6	HY4-5062	0	-	B	3	25
VT-268	12,6	HY3-2065	0	-	B	3	25
VT-269	6,3	HS4-8630	16	-	D	3	18
271A	5,0	FR3-2040	32	-	C	3	36
272A	10,0	FR3-2040	51	-	B	3	24
274A	5,0	ER0-2000	0	26	A	7	40
274A	5,0	ER0-3000	0	26	A	7	40
274B	5,0	JS0-6000	0	26	A	7	40
274B	5,0	JS0-4000	0	26	A	7	40
275A	5,0	ER3-2000	68	-	C	3	34
282A	10,0	ER3-2000	40	-	B	3	40
283A	2,0	FR0-2340	28	-	B	3	25
285A	2,0	FR0-2304	40	-	B	3	23
VT-286	6,3	HS4-5613	0	-	C	3	44
VT-286	6,3	HS4-8613	0	-	C	3	44
286A	2,0	GR0-2354	31	-	B	3	23
VT-287	6,3	BV2-0437	31	-	C	3	50
VT-287	6,3	JV7-0432	31	-	C	3	50
VT-288	12,6	HS4-8651	0	-	C	3	43
VT-289	12,6	HY4-5062	0	-	B	3	32
VT-289	12,6	HY1-2035	0	-	B	3	32
290A	10,0	GR0-2354	31	-	B	3	26
291A	10,0	HR5-3462	44	-	B	3	25
292A	10,0	GR0-2050	36	-	B	3	16
292A	10,0	GR0-4052	0	28	A	2	40
292A	10,0	GR0-3052	0	28	A	2	40
293A	10,0	GR4-2350	43	-	B	3	26
294A	10,0	FR0-2340	43	-	B	3	26
300B	5,0	ER3-2000	60	-	C	3	58
303A	2,0	GR0-2050	36	-	B	3	16
303A	2,0	GR0-4052	0	0	A	2	40
303A	2,0	GR0-3052	0	0	A	2	40
307A	5,0	FR3-0204	32	-	B	3	64
309A	10,0	FR0-2340	31	-	B	3	23
310A	10,0	GR0-2354	26	-	B	3	30
310B	10,0	GR0-2354	26	-	B	3	30
311A	10,0	FR0-2340	38	-	C	3	30
313CA	-	AP4-2010	0	80	A	4	40
M328	6,3	EV2-7630	18	-	C	3	39
328A	7,5	GR0-2354	16	-	B	3	44
329A	7,5	FR0-2340	38	-	C	3	31

336A	10,0	GR4-2350	10	-	D	3	16
337A	10,0	GR0-2354	30	-	B	3	21
338A	10,0	BV3-2040	See Note>	89	A	4	40
339A	5,0	FR3-0240	0	-	C	3	40
345A	6,3	FR0-3040	0	46	A	7	40
345A	6,3	FR0-2040	0	46	A	7	40
347A	6,3	HS0-4080	30	-	B	3	23
348A	6,3	HS0-3485	13	-	B	3	45
349A	6,3	HS5-3480	10	-	D	3	20
350A	6,3	FR3-0240	21	-	D	3	32
350B	6,3	HS5-3480	25	-	D	3	31
351A	6,3	HS0-5081	0	55	A	7	40
351A	6,3	HS0-3081	0	55	A	7	40
352A	10,0	GR0-2050	36	-	B	3	16
352A	10,0	GR0-4050	0	28	A	2	40
352A	10,0	GR0-3050	0	28	A	2	40
367A	6,3	HV6-2480	28	-	D	3	30
371B	-	-	-	-	-	-	-
373A	2,0	HS4-8603	13	-	B	3	25
374A	3,0	HS4-8603	40	-	D	3	14
375A	20,0	HS5-3480	53	-	C	3	47
381A	6,3	JS0-5010	0	49	A	2	40
383A	6,3	JS4-6010	25	-	D	3	14
385A	6,3	JS5-0318	15	-	D	3	12
387A	6,3	JS5-0318	15	-	D	3	16
393A	3,0	JR4-0000	See Note>	90	A	4	40
396A	6,3	KR7-6082	17	-	D	3	26
396A	6,3	KR3-4028	17	-	D	3	26
398A	6,3	HS4-8603	35	-	D	3	27
399A	1,1	BX6-2300	9	-	B	#	18
400A	1,1	BX4-3062	50	-	B	3	25
401A	6,3	ET1-5670	12	-	B	#	50
403A	6,3	ET1-5620	10	-	D	3	22
403B	6,3	ET1-5620	10	-	D	3	21
404	6,3	DZ1-6844	15	-	D	3	30
404A	6,3	DZ1-6844	15	-	D	3	30
407A	20,0	KR7-6082	17	-	D	3	26
407A	20,0	KR3-4028	17	-	D	3	26
408A	20,0	ET1-5620	10	-	D	3	22
409A	6,3	ET1-5627	14	-	B	3	44
412A	6,3	EV0-9070	0	59	A	7	40
412A	6,3	EV0-1030	0	59	A	7	40
417A	6,3	DZ4-1060	20	-	E	3	15
417A	6,3	DZ4-1060	75	0	F	3	15
420	2,5	ER0-3000	0	70	A	7	40
420	2,5	ER0-2000	0	70	A	7	40
420A	12,6	EV6-8073	0	-	B	3	25

420A	12,6	EV3-1026	0	-	B	3	25
421A	6,3	HY4-5062	63	-	D	3	40
421A	6,3	HY1-2035	63	-	D	3	40
422A	5,0	JS0-6000	0	63	A	7	40
422A	5,0	JS0-4000	0	63	A	7	40
GL464A	6,3	HS0-0080	17	-	C	3	56
446A	6,3	HS0-0080	0	-	C	3	30
482A	5,0	ER3-2000	79	-	B	3	38
482B	5,0	ER3-2000	57	-	B	3	38
483	5,0	ER3-2000	70	-	B	3	34
484	3,0	FR3-2040	37	-	B	3	33
484A	3,0	FR3-2040	37	-	B	3	33
485	3,0	FR3-2040	37	-	B	3	33
486	3,0	FR3-2040	43	-	B	3	11
CK502AX	1,1	DV4-1200	18	-	B	#	15
GL502	6,3	HS5-3680	See Note>	62	A	7	40
CK503A	1,1	DV4-1200	45	-	B	3	12
CK503AX	1,1	DV4-1200	30	-	B	#	6
CK505AX	0,6	DV4-1200	0	-	B	#	4
CK506AX	1,1	DV4-1200	33	-	B	#	13
CK510AX	0,6	EX1-2300	0	0	A	4	4
CK510AX	0,6	EX6-5300	0	0	A	4	4
CK512AX	0,6	DV4-1200	30	0	A	4	20
CK518AX	1,1	DV4-1200	45	0	A	4	40
CK522AX	1,1	DV4-1200	38	0	A	4	40
CK523AX	1,1	DV4-1200	47	0	A	4	40
CK524AX	1,1	DV4-1200	76	0	A	4	40
CK525AX	1,1	DV4-1200	48	0	A	4	40
CK526AX	1,1	DV4-1200	59	0	A	4	40
CK527AX	1,1	DV4-1200	32	0	A	4	20
CK528AX	1,1	DV4-1200	37	0	A	4	40
CK529AX	1,1	DV4-1200	67	0	A	4	40
CK533AX	1,1	DV4-1200	40	0	A	4	38
CK535AX	1,1	DV4-1200	67	0	A	4	40
CK541DX	1,1	DV4-1200	41	0	A	4	12
CK542DX	1,1	DV4-2100	19	0	A	2	12
CK543DX	0,6	DV4-2100	0	0	A	2	15
CK544DX	1,1	DV4-1200	30	0	A	4	20
GL546	6,3	ET1-7520	See Note>	60	A	7	40
CK547DX	1,1	DV4-1200	41	0	A	4	12
CK548DX	1,1	DV4-1200	56	0	A	4	12
CK551AX	1,1	EW5-1200	20	-	B	#	10
CK551AX	1,1	EW0-3000	0	0	A	2	6
CK553AX	1,1	DV4-1200	0	-	B	#	10
CK556AX	1,1	ES3-1000	37	-	B	3	25
559	6,3	HS0-0080	0	63	A	2	40
CK568AX	1,1	ES3-1000	40	-	B	3	11

CK569AX	1,1	DV4-1200	24	-	B	3	19
CK571AX	1,1	DU7-1200	92	-	B	3	4
GL572	6,3	HS6-5080	18	-	E	3	50
GL572	6,3	HS6-5080	78	0	F	3	50
572B	6,3	ER3-0000	0	-	B	3	36
CK573AX	1,1	CU3-1000	34	-	B	3	50
CK574AX	0,6	DV4-2100	0	0	A	2	11
CK605CX	6,3	DU7-1265	10	-	D	3	22
CK606BX	6,3	CT0-1040	0	69	A	2	40
CK608CX	6,3	DU5-1060	20	-	D	3	25
CK611	6,3	ET1-5020	18	-	D	3	30
CK612	6,3	ET1-5670	0	-	D	#	30
CK619CX	6,3	CT4-1050	5	-	D	3	20
CK628*	6,3	DW1-8050	12	-	D	3	16
629	2,5	FR3-2040	See Note>	87	A	4	40
SC651	6,3	HS5-3140	10	-	B	3	46
653B	6,3	GR0-3040	0	65	A	2	40
SD706	6,3	JR5-7362	10	-	B	3	53
SD706	6,3	JR4-2367	10	-	B	3	53
713A	6,3	HS4-8630	0	-	C	3	44
717A	6,3	HS4-8630	16	-	D	3	18
731A	6,3	ET1-5620	10	-	D	3	22
801A	7,5	ER3-2000	0	-	B	3	38
802A	6,3	HR4-0365	22	-	B	3	50
807	6,3	FR3-0240	33	-	C	3	48
808	7,5	ER0-0000	20	-	B	3	See Note>
809	6,3	ER3-2000	0	-	B	3	42
811	6,3	ER3-0000	0	-	B	3	36
812	6,3	ER3-0000	0	-	B	3	56
814	10,0	FR3-0240	0	-	C	3	38
815	6,3	BV2-0437	31	-	C	3	50
815	6,3	JV7-0432	31	-	C	3	50
816	2,5	ER0-0000	0	69	A	7	40
SD828A*	6,3	EW3-1520	18	-	D	3	16
SD828E*	6,3	EW3-0512	17	-	D	3	15
828	10,0	FR3-0204	33	-	B	3	See Note>
829B	6,3	HS4-5613	0	-	D	3	20
829B	6,3	HS4-8613	0	-	D	3	20
830	10,0	ER3-0000	24	-	B	3	See Note>
832A	6,3	HS4-5613	0	-	C	3	44
832A	6,3	HS4-8613	0	-	C	3	44
834	7,5	ER0-0000	0	-	B	3	46
836	3,0	ER0-0000	0	56	A	7	40
837	12,6	HR4-0365	0	-	C	3	50

841	7,5	ER3-2000	0	-	B	3	25
842	7,5	ER3-2000	61	-	B	3	30
843	2,5	FR3-2040	12	-	B	3	42
864	1,1	ER3-2000	45	-	B	3	16
865	7,5	ER3-0200	34	-	B	3	16
866	3,0	ER0-0000	0	67	A	7	40
866A	3,0	ER0-0000	0	67	A	7	40
866JR	3,0	ER0-2000	0	67	A	7	40
871	2,5	ER0-0000	0	65	A	7	40
874	-	AP0-3010	0	53	A	4	40
879	2,5	ER0-0000	0	78	A	4	40
884	6,3	HS5-3080	See Note>	90	A	4	40
885	2,5	FR3-2040	See Note>	90	A	4	40
SD917A*	6,3	DU2-1050	31	-	B	3	12
SN944*	6,3	EW3-0512	26	-	B	3	33
SN946*	6,3	CT0-1040	0	70	A	2	40
SN947C*	6,3	CU6-1350	54	-	C	3	38
SN947D*	6,3	DW1-5780	54	-	C	3	38
SN949C*	6,3	DW7-1250	See Note>	58	A	7	40
950	2,0	FR3-2400	45	-	B	3	24
951	2,0	ER0-2300	18	-	B	#	16
SN953A*	6,3	DW1-5720	25	-	D	3	21
SN953D*	6,3	DW1-5720	25	-	D	3	21
SN954*	6,3	ES0-1030	0	40	A	7	40
954	6,3	GR8-0374	30	-	B	3	18
SN954B*	6,3	DW0-2050	0	40	A	7	40
SN955B*	6,3	DW1-7084	28	-	B	3	33
SN955B*	6,3	DW2-5084	28	-	B	3	33
955	6,3	GR4-3070	22	-	B	3	48
SN956B	1,1	BS0-0000	0	0	A	7	4
956	6,3	GR8-0374	30	-	B	3	31
SN957A*	6,3	FT4-1020	36	-	B	3	30
957	1,5	GR4-3000	28	-	B	3	16
958	1,5	GR4-3000	41	-	B	3	30
958A	1,1	GR4-3000	45	-	B	3	16
959	1,5	GR8-0300	25	-	B	#	15
SC968B*	6,3	DW1-2050	74	-	B	3	46
SN972D*	6,3	DW1-5740	21	-	B	3	50
SN973B*	6,3	GT1-5740	22	-	C	3	31
SN976C*	6,3	DW1-5740	49	-	C	3	50
SN980*	6,3	DW1-8057	23	-	B	3	20
SN986B	25,0	DW1-5724	22	-	B	3	33
SN989*	6,3	DW1-8057	22	-	D	3	28
SD993C*	6,3	DW1-8050	20	-	D	3	29
SN995B*	6,3	DW1-5740	21	-	B	3	50
FM1000	6,3	JR2-4536	12	-	B	3	38
FM1000	6,3	JR6-4532	12	-	B	3	38

1003	-	HS0-5080	0	70	A	See Note>	40
1003	-	HS0-3080	0	70	A	See Note>	40
CK1005	6,3	GY0-3050	0	89	A	4	40
CK1005	6,3	GY0-5030	0	89	A	4	40
SN1006*	6,3	FT4-1020	28	-	B	3	12
SN1007A	6,3	DW1-5724	22	-	B	3	33
SN1007A	6,3	DW4-5721	22	-	B	#	12
1007	1,1	HY0-3010	0	48	A	6	40
1007	1,1	HY0-5010	0	48	A	6	40
CK1027	-	AP0-4070	0	83	A	4	40
SD1033	5,0	DU0-1000	0	20	A	2	68
CK1042	-	AP0-1050	0	35	A	6	40
E1148	6,3	HS0-0080	14	-	B	3	56
1201	6,3	JS1-3040	15	-	B	3	38
1203	6,3	JR0-4070	0	52	A	2	40
1204	6,3	HS5-3140	10	-	B	3	46
1206	6,3	JR5-7362	10	-	B	3	53
1206	6,3	JR4-2367	10	-	B	3	53
1222	6,3	GR4-2378	23	-	D	3	25
1229	2,0	ER0-2300	19	-	B	#	16
1230	2,0	ER3-2000	40	-	B	3	23
1231	6,3	JR6-2374	0	-	C	3	32
1232	6,3	JR6-2374	18	-	B	3	50
1237	2,5	HS0-3000	0	76	A	7	40
1237	2,5	HS0-6000	0	76	A	7	40
1247*	0,6	EV0-0000	0	0	A	2	40
HY1269	12,6	FR3-0240	0	-	C	3	50
1273	6,3	JR6-2374	11	-	B	3	58
1274	6,3	HS0-5083	0	42	A	7	40
1274	6,3	HS0-3085	0	42	A	7	40
1280	12,6	JR6-2374	22	-	B	3	33
1282	6,3	JR6-2375	10	-	D	3	18
1284	12,6	JR6-2374	28	-	B	3	50
1285	25,0	HS5-3480	36	-	D	3	29
1291	2,5	JR6-7000	12	-	B	3	38
1291	2,5	JR3-2000	25	-	B	3	38
1293	1,5	JR6-2000	30	-	B	3	33
1294	1,5	JR0-4070	0	27	A	2	40
1299	2,5	JR6-2300	37	-	B	3	52
ME1500*	6,3	EW3-0512	17	-	D	3	15
SR1553D	6,3	ET2-1050	0	-	D	3	38
1602	7,5	ER3-2000	39	-	B	3	32
1603	6,3	GR0-2354	21	-	B	3	31
1608	2,5	ER3-2000	30	-	B	3	See Note>
1609	1,1	FR3-2400	0	-	B	#	18
1610	2,5	FR3-2400	22	-	B	3	50
1611	6,3	HS5-3481	29	-	B	3	50

1612	6,3	HS0-3485	23	-	B	3	16
1612	6,3	HS5-3481	27	-	B	3	16
1613	6,3	HS5-3480	0	-	B	3	56
1614	6,3	HS5-3481	23	-	D	3	25
1616	3,0	ER0-0000	0	46	A	6	40
1619	2,5	HS5-3408	12	-	C	3	43
1620	6,3	HS0-3485	22	-	B	3	31
1621	6,3	HS5-3480	29	-	B	3	50
1622	6,3	HS5-3480	23	-	D	3	25
1623	6,3	ER3-0000	0	-	B	3	56
1624	2,5	FR3-0200	17	-	C	3	50
1625	12,6	HR4-0360	33	-	C	3	40
1626	12,6	HS5-3080	52	-	B	3	53
1629	12,6	HS5-4080	0	100	A	3	-
1629	12,6	HS5-4380	0	100	A	3	-
1631	12,6	HS5-3481	23	-	D	3	25
1632	12,6	HS5-3480	10	-	D	#	45
1633	25,0	HY4-5060	23	-	B	3	50
1633	25,0	HY1-2030	23	-	B	3	50
1634	12,6	HY4-5061	0	-	B	3	25
1634	12,6	HY3-2061	0	-	B	3	25
1635	6,3	HS4-3080	0	-	B	3	22
1635	6,3	HS5-6080	0	-	B	3	22
1641	5,0	ER0-0000	0	0	A	7	50
1641	5,0	BU0-0000	0	0	A	7	50
1642	6,3	HR4-5060	38	-	B	3	34
1642	6,3	HR0-3020	38	-	B	3	34
1644	12,6	HW1-8523	10	-	B	3	54
1644	12,6	HW3-4521	10	-	B	3	54
1650	6,3	GR4-3070	22	-	B	3	48
1654	1,5	BX0-0000	0	56	A	4	32
1655	6,3	HY4-5062	0	-	B	3	25
1655	6,3	HY3-2065	0	-	B	3	25
1657	6,3	HS5-3068	See Note>	90	A	4	40
1658	2,0	ER3-2000	40	-	B	3	23
1659	2,5	GR0-2050	11	-	B	3	19
1659	2,5	GR0-4050	0	14	A	2	40
1659	2,5	GR0-3050	0	14	A	2	40
1662	2,5	BX4-2300	33	-	B	3	50
1851	6,3	HS0-3485	10	-	D	3	25
1852	6,3	HS4-8653	10	-	D	3	30
1853	6,3	HS4-8653	0	-	C	3	44
2050	6,3	HS5-3068	See Note>	90	A	4	40
2051	6,3	HS5-3068	See Note>	90	A	4	40
2081	6,3	EV7-9863	14	-	D	3	38
2081	6,3	EV2-3019	9	-	D	3	20
2082	12,6	EV7-6080	15	-	B	3	32
2082	12,6	EV2-1030	15	-	B	3	32

5516	6,3	HS5-0310	20	-	C	3	50
5517	BLST	AP0-4070	0	44	A	6	40
5556	4,3	ER3-2000	26	-	B	3	25
5590	6,3	ET1-5670	12	-	B	#	50
5591	6,3	ET1-5620	10	-	D	3	21
5603	6,3	HS4-8603	35	-	D	3	27
5608A	2,5	HR5-6042	12	-	B	3	38
5608A	2,5	HR3-2046	12	-	B	3	38
5610	6,3	ET6-1020	27	-	C	3	50
5618	6,3	BX6-2340	24	-	C	3	38
5633*	6,3	EW3-0512	26	-	B	3	33
5634*	6,3	EW3-0512	17	-	D	3	15
5635*	6,3	DW1-7084	28	-	B	3	33
5635*	6,3	DW2-5084	28	-	B	3	33
5636	6,3	DW1-5724	22	-	B	3	33
5636	6,3	DW4-5721	22	-	B	#	12
5637*	6,3	DU2-1050	31	-	B	3	12
5638*	6,3	EW3-1520	18	-	D	3	16
5639*	6,3	DW1-5720	25	-	D	3	21
5640*	6,3	DW1-5780	54	-	C	3	38
5641*	6,3	DW0-2050	0	40	A	7	40
5642	1,1	BS0-0000	0	0	A	7	4
5643*	6,3	DW7-1250	See Note>	58	A	7	40
5645*	6,3	FT4-1020	36	-	B	3	30
5646*	6,3	FT4-1020	28	-	B	3	12
5647*	6,3	CT0-1040	0	70	A	2	40
5648	6,3	HS6-5080	18	-	E	3	50
5648	6,3	HS6-5080	78	0	F	3	50
5651	-	AP0-1070	0	50	A	4	40
5654	6,3	ET1-5620	10	-	D	3	22
5656	6,3	EV2-8193	0	-	C	#	43
5656	6,3	EV3-7192	0	-	C	#	43
5659	12,6	HS5-3480	22	-	C	3	38
5660	12,6	HS0-3680	8	-	B	3	34
5660	12,6	HS0-5680	0	23	A	2	40
5660	12,6	HS0-4680	0	23	A	2	40
5661	6,3	HS4-8653	21	-	B	3	50
5662	6,3	ET1-7050	See Note>	90	A	4	40
5663	6,3	ET1-7520	See Note>	66	A	7	40
5670	6,3	KR7-6080	17	-	D	3	26
5670	6,3	KR3-4020	17	-	D	3	26
5672	1,1	DV4-1200	50	-	B	3	16
5676	1,1	ES3-1000	37	-	B	3	25
5677	1,1	ES3-1000	40	-	B	3	11
5678	1,1	DV4-1200	24	-	B	3	19
5679	6,3	JR0-6075	0	60	A	2	40
5679	6,3	JR0-3025	0	60	A	2	40

5686	6,3	EV2-7630	18	-	C	3	39
5687	12,6	EV7-9061	23	-	D	3	38
5687	12,6	EV2-1039	23	-	D	3	38
5690	6,3	HW0-5083	0	63	A	7	40
5690	6,3	CR0-3045	0	63	A	7	40
5691	6,3	HY4-5062	0	-	B	3	32
5691	6,3	HY1-2035	0	-	B	3	32
5692	6,3	HY4-5062	23	-	B	3	50
5692	6,3	HY1-2035	23	-	B	3	50
5693	6,3	HS4-8653	22	-	B	3	40
5694	6,3	HS4-3010	0	-	B	3	50
5694	6,3	HS5-6080	0	-	B	3	50
5696	6,3	ET1-6025	See Note>	68	A	7	40
5702	6,3	DU7-1265	10	-	D	3	22
5703	6,3	DU5-1060	20	-	D	3	25
5704	6,3	CT0-1040	0	69	A	2	40
5718*	6,3	DW1-8057	22	-	D	3	28
5719*	6,3	DW1-8057	23	-	B	3	20
5722	5,0	DU0-1000	0	20	A	2	68
5725	6,3	ET1-5627	14	-	B	3	44
A5726	6,3	ET7-5621	20	-	B	3	30
A5726	6,3	ET1-5627	10	-	B	3	38
5726	6,3	ET0-7010	0	70	A	2	40
5726	6,3	ET0-2050	0	70	A	2	40
5727	6,3	ET1-6025	See Note>	90	A	4	40
5731	6,3	GR4-3074	25	-	B	3	38
5732	6,3	HS0-3485	19	-	B	3	36
5742	4,3	ER3-2000	10	-	B	3	21
5744	6,3	CT4-1050	5	-	D	3	20
5749	6,3	ET1-5672	9	-	C	3	41
5750	6,3	ET7-5621	-	-	-	-	-
5750	6,3	ET1-6027	17	-	D	3	36
5751	12,6	EV7-6080	12	-	B	3	32
5751	12,6	EV2-1030	12	-	B	3	32
5755	12,6	EV6-8073	0	-	B	3	25
5755	12,6	EV3-1026	0	-	B	3	25
5763	6,3	EV9-1673	8	-	D	3	35
5784	6,3	DU7-1265	20	-	B	3	45
5785	1,1	GX0-1000	0	0	A	2	20
5787	BLST	AP0-3050	0	54	A	4	40
5812	6,3	ET1-5602	34	-	C	3	54
5814	12,6	EV7-6080	24	-	B	3	56
5814	12,6	EV2-1030	24	-	B	3	56
5823	BLST	AP4-1030	100	84	A	4	40
5824	25,0	HS5-3480	52	-	C	3	50
5825	1,5	ER0-0000	0	0	A	4	10
5829	6,3	DV0-6070	0	63	A	2	40
5829	6,3	DV0-1020	0	63	A	2	40
5838	12,6	HS0-5080	0	0	A	7	50

5838	12,6	HS0-3080	0	0	A	7	50
5839	25,0	HS0-5083	0	30	A	7	40
5839	25,0	HS0-3085	0	30	A	7	40
5840*	6,3	DW1-5740	22	-	C	3	31
5842	6,3	DZ4-1060	20	-	E	3	15
5842	6,3	DZ4-1060	75	0	F	3	15
5844	6,3	ET5-2070	26	-	C	3	38
5844	6,3	ET6-1070	26	-	C	3	38
5847	6,3	DZ1-6844	15	-	D	3	30
5851	2,5	HR8-3600	35	-	B	3	40
5852	6,3	HS0-5080	0	20	A	7	40
5852	6,3	HS0-3080	0	20	A	7	40
5854	1,1	DV4-1200	45	-	B	3	12
5871	6,3	HS5-3481	21	-	C	3	46
5875	1,1	DV4-1200	20	20	A	3	50
5876	6,3	HS3-5060	10	-	?	?	?
5879	6,3	EV1-8739	21	-	B	3	25
5881	6,3	HS5-3481	23	-	D	3	25
5886	1,1	DU7-2100	34	0	A	2	15
5894	6,3	HS4-5610	13	-	C	3	50
5894	6,3	HS4-8610	13	-	C	3	50
5896*	6,3	DW0-5074	0	57	A	7	40
5896*	6,3	DW0-1023	0	57	A	7	40
5897*	6,3	DW1-8050	20	-	D	3	29
5899*	6,3	DW1-5740	21	-	B	3	50
5900*	6,3	DW1-5740	21	-	B	3	50
5902*	6,3	DW1-5720	43	-	C	3	53
5903*	25,0	DW0-5074	0	57	A	7	40
5903*	25,0	DW0-1024	0	57	A	7	40
5904*	25,0	DW1-8050	43	-	B	3	25
5905	25,0	DW1-5720	13	-	D	#	13
5906*	25,0	DW1-5720	6	-	D	3	25
5907*	25,0	DW1-5720	28	-	B	#	30
5908	25,0	DW1-5724	18	-	D	#	11
5910	1,5	VX6-2300	19	-	B	3	18
5915	6,3	ET7-5621	20	-	B	3	30
5915	6,3	ET1-5627	10	-	B	3	38
5916	25,0	DW1-5724	22	-	B	3	33
5920	6,3	ET5-2070	36	-	C	3	26
5920	6,3	ET6-1070	36	-	C	3	26
5930	2,5	ER3-2000	67	-	C	3	38
5931	5,0	JS0-6000	0	47	A	7	40
5931	5,0	JS0-4000	0	42	A	7	40
5932	6,3	HS5-3481	23	-	D	3	25
5933	6,3	FR3-0240	33	-	C	3	48
5961	6,3	HS8-3465	-	-	-	-	-
5961	6,3	HS5-4068	0	-	C	3	50
5963	12,6	EV7-6080	30	-	B	3	50
5963	12,6	EV2-1030	30	-	B	3	50
5964	6,3	ET5-2076	16	-	D	3	25

5964	6,3	ET6-1075	16	-	D	3	25
5965	12,6	EV7-6081	13	-	D	3	33
5965	12,6	EV2-1036	13	-	D	3	33
5967	1,1	ES6-8013	32	-	D	3	10
5967	1,1	ES3-1086	32	-	D	3	10
5971	1,1	FT2-1000	20	-	B	3	33
5975	6,3	EV3-1020	29	-	D	3	20
5977*	6,3	DW1-8053	29	-	D	3	23
5987*	6,3	DW1-2050	74	-	B	3	46
5992	6,3	HS5-3480	21	-	C	3	44
5993	6,3	DX0-9051	0	34	A	7	40
5993	6,3	DX0-1059	0	34	A	7	40
5995	6,3	ET0-1050	0	45	A	7	40
5998	6,3	HY4-5062	63	-	D	3	40
5998	6,3	HY1-2035	63	-	D	3	40
6000	25,0	HS1-5830	16	-	D	3	34
6004	5,0	JS0-0000	0	8	A	7	34
6004	5,0	JS0-0000	0	8	A	7	35
6005	6,3	ET1-5620	21	-	C	3	46
6006	6,3	HS4-8651	0	-	C	3	42
6007	1,1	DV4-2100	20	0	A	2	15
6008	0,6	DV4-2100	24	0	A	2	4
6012	6,3	HS3-5018	See Note>	90	A	4	32
6021*	6,3	GT7-8050	20	-	D	3	26
6021*	6,3	GT2-1040	20	-	D	3	26
6026*	6,3	EV7-8030	21	-	D	3	30
6028	20,0	ET1-5620	10	-	D	3	22
6029	1,1	CU3-1000	34	-	B	3	50
6050	1,1	ES3-1000	41	-	B	3	25
6052*	6,3	DW0-5074	0	57	A	7	40
6052*	6,3	DW0-1024	0	57	A	7	40
6055*	25,0	DW1-8050	43	-	B	3	25
6059	6,3	EV2-7839	28	-	B	3	26
6060	12,6	EV7-6080	10	-	C	3	50
6060	12,6	EV2-1030	10	-	C	3	50
6061	6,3	EV2-7839	21	-	C	3	46
6062	6,3	EV9-1673	8	-	D	3	35
6063	6,3	ET0-6070	0	30	A	7	40
6063	6,3	ET0-1070	0	30	A	7	40
6064	6,3	ET1-5726	10	-	D	3	25
6066	6,3	ET1-7020	18	-	B	3	30
6066	6,3	ET1-6020	0	0	A	2	40
6066	6,3	ET1-5020	0	0	A	2	20
6067	12,6	EV7-6080	24	-	B	3	56
6067	12,6	EV2-1030	24	-	B	3	56
6072	12,6	EV7-6080	15	-	B	3	32
6072	12,6	EV2-1030	15	-	B	3	32

6073	BLST	AP0-5020	0	32	A	4	40
6074	BLST	AP0-5020	0	40	A	4	40
6080	6,3	HY4-5062	100	-	C	3	36
6080	6,3	HY1-2035	100	-	C	3	36
6082	25,0	HY4-5062	100	-	C	3	43
6082	25,0	HY1-2035	100	-	C	3	43
6084	6,3	EV9-6138	20	-	B	3	33
6085	12,6	EV7-6080	11	-	C	3	32
6085	12,6	EV2-1030	11	-	C	3	32
6086	20,0	EV2-6139	12	-	D	3	45
6087	5,0	JS0-6000	0	24	A	7	40
6087	5,0	JS0-4000	0	24	A	7	40
6088	1,1	DV4-1200	20	-	B	#	10
6094	6,3	DV1-4280	21	-	C	3	46
6095	6,3	ET1-5620	21	-	C	3	46
6096	6,3	ET1-5620	10	-	D	3	22
6097	6,3	ET0-7010	0	70	A	2	40
6097	6,3	ET0-2050	0	70	A	2	40
6098	6,3	GY7-3510	34	-	D	3	27
6099	6,3	ET5-2070	15	-	D	3	23
6099	6,3	ET6-1070	15	-	D	3	23
6100	6,3	ET6-1070	24	-	B	3	55
6101	6,3	ET5-2076	16	-	D	3	25
6101	6,3	ET6-1075	16	-	D	3	25
6106	5,0	JS0-6000	0	30	A	7	40
6106	5,0	JS0-4000	0	30	A	7	40
6110*	6,3	DW0-5074	0	62	A	2	40
6110*	6,3	DW0-1024	0	62	A	2	40
6111*	6,3	DW7-8050	24	-	D	3	25
6111*	6,3	DW2-1040	24	-	D	3	25
6112	6,3	DW7-8050	13	-	D	3	13
6112	6,3	DW2-1040	13	-	D	3	13
6113	6,3	HY4-5062	0	-	B	3	32
6113	6,3	HY1-2035	0	-	B	3	32
6118	6,3	HS0-3081	17	-	B	3	20
6118	6,3	HS0-5083	0	14	A	2	40
6118	6,3	HS0-4083	0	14	A	2	40
6134	6,3	HS4-8653	10	-	D	3	30
6135	6,3	ET6-1070	24	-	B	3	55
6136	6,3	ET1-5672	16	-	B	3	58
6137	6,3	HS4-8653	22	-	B	3	48
6145	6,3	JR6-2374	0	-	D	3	33
6146	6,3	HS5-0318	30	-	D	3	35
6147	2,5	HS8-3600	35	-	B	3	40
6148	6,3	DU7-1265	10	-	D	3	22
6152	6,3	EV3-1020	29	-	D	3	20
6159	25,0	HS5-0318	30	-	D	3	35
6169*	6,3	DW1-2040	12	-	D	3	30
6184*	6,3	DW0-2048	0	65	A	2	40
6184*	6,3	DW0-7058	0	65	A	2	40
6185	6,3	KR7-6082	17	-	D	3	26

6185	6,3	KR3-4028	17	-	D	3	26
6186	6,3	ET1-5620	10	-	D	3	20
6187	6,3	ET1-5627	14	-	B	3	44
6188	6,3	HY4-5062	5	-	B	3	30
6188	6,3	HY1-2035	5	-	B	3	30
6189	12,6	EV7-6080	24	-	B	3	56
6189	12,6	EV2-1030	24	-	B	3	56
6197	6,3	EV2-6317	10	-	D	3	30
6201	12,6	EV7-6080	10	-	C	3	50
6201	12,6	EV2-1030	10	-	C	3	50
6202	6,3	ET0-6071	0	22	A	7	40
6202	6,3	ET0-1076	0	22	A	7	40
6203	6,3	EV0-9071	0	43	A	7	40
6203	6,3	EV0-1079	0	43	A	7	40
6205	6,3	DW1-5724	22	-	C	3	31
6206	6,3	DW1-5724	21	-	B	3	50
6211	12,6	EV7-6082	22	-	D	3	18
6211	12,6	EV2-1037	22	-	D	3	18
6216	6,3	EV2-1730	23	-	D	3	50
6221	6,3	DW1-8050	32	-	B	3	54
6222	6,3	DW1-8050	33	0	A	3	16
6223	6,3	DW1-5780	28	-	B	3	44
6225	6,3	DW1-5720	27	-	B	3	53
6227	6,3	EV2-7839	14	-	D	3	35
6245	6,3	ET7-1265	18	-	D	3	17
6247*	6,3	DW1-8050	12	-	D	3	16
6252	6,3	HS4-8613	13	-	C	3	38
6252	6,3	HS4-5613	13	-	C	3	38
6265	6,3	ET1-5627	15	-	B	3	50
6267	6,3	EV9-6138	28	-	B	3	18
R6277	6,3	ET0-6070	0	30	A	7	40
R6277	6,3	ET0-1070	0	30	A	7	40
6281	0,6	DV4-1200	30	0	A	4	20
6286	1,1	CU3-1000	40	-	D	3	9
6288	2,5	ER0-0000	0	69	A	7	40
6293	6,3	HS5-0310	25	-	D	3	36
6297	6,3	EV2-6317	10	-	D	3	30
6336	6,3	HY4-5062	100	-	C	3	36
6336	6,3	HY1-2035	100	-	C	3	36
6350	12,6	EV8-6073	25	-	D	3	23
6350	12,6	EV3-1028	25	-	D	3	23
6355	6,3	FT1-4270	0	100	A	3	-
6355	6,3	FT4-1270	0	100	A	3	-
6360	12,6	EV3-8720	44	-	C	3	40

6360	12,6	EV1-6720	44	-	C	3	40
6374	6,3	EV0-0030	0	32	A	7	60
6384	6,3	GY7-3510	34	-	D	3	27
6385	6,3	KR7-6080	17	-	D	3	23
6385	6,3	KR3-4020	17	-	D	3	23
6386	6,3	KR7-6085	22	-	D	3	20
6386	6,3	KR3-4025	22	-	D	3	20
6397	2,5	HR8-3600	33	-	B	3	48
6414	12,6	EV7-6080	29	-	B	3	44
6414	12,6	EV2-1030	29	-	B	3	44
6417	12,6	EV9-1673	8	-	D	3	35
6418	1,5	DV0-2041	0	0	A	2	6
6463	12,6	EV8-6071	24	-	D	3	26
6463	12,6	EV3-1026	24	-	D	3	26
6485	6,3	ET1-5672	10	-	D	3	30
6486	6,3	ET1-5627	14	-	B	3	44
6516	6,3	ET1-5726	10	-	D	3	25
6519	1,5	DV4-1200	0	0	A	4	21
6524	6,3	FT6-0140	22	-	C	3	56
6535	6,3	ET5-2070	15	-	D	3	23
6535	6,3	ET6-1070	15	-	D	3	23
6540	6,3	DU7-1265	10	-	D	3	22
6611	1,5	DV0-2041	0	0	A	2	10
6612	1,5	DV0-2041	0	0	A	2	25
6626	BLST	AP0-5020	0	32	A	4	40
6627	BLST	AP0-5020	0	40	A	4	40
6636	6,3	EV2-7839	10	-	D	3	48
6660	6,3	ET1-5672	9	-	C	3	41
6661	6,3	ET1-5627	15	-	B	3	50
6662	6,3	ET1-5627	0	-	C	3	48
6663	6,3	ET0-7010	0	70	A	2	40
6663	6,3	ET0-2050	0	70	A	2	40
6664	6,3	ET6-1070	10	-	C	3	50
6669	6,3	ET1-5620	21	-	C	3	46
6676	6,3	ET1-5627	11	-	D	3	28
6677	6,3	EV2-6317	10	-	D	3	30
6678	6,3	EV2-6370	15	-	B	3	57
6678	6,3	EV9-1080	16	-	C	3	57

6679	12,6	EV7-6080	10	-	C	3	50
6679	12,6	EV2-1030	10	-	C	3	50
6680	12,6	EV7-6080	24	-	B	3	56
6680	12,6	EV2-1030	24	-	B	3	56
6681	12,6	EV7-6080	12	-	B	3	32
6681	12,6	EV2-1030	12	-	B	3	32
6688	6,3	EV2-7918	10	-	D	3	50
6689	6,3	EV2-6139	13	-	D	3	35
6690	6,3	DW7-5080	22	-	C	3	31
6690	6,3	DW2-1040	22	-	C	3	31
6754	6,3	EV0-9700	0	59	A	7	40
6754	6,3	EV0-1030	0	59	A	7	40
6761	6,3	EV2-1730	44	-	D	3	38
6788	6,3	DW1-5720	27	-	B	3	12
6814	6,3	DW1-8050	33	-	C	3	32
6829	12,6	EV7-6080	13	-	D	3	34
6829	12,6	EV2-1030	13	-	D	3	34
6832	6,3	DW7-8050	34	-	B	3	16
6832	6,3	DW2-1040	34	-	B	3	16
6850	12,6	FT6-0140	22	-	C	3	56
6850	12,6	FT2-0140	22	-	C	3	56
6853	5,0	JS0-6000	0	30	A	7	40
6853	5,0	JS0-4000	0	30	A	7	40
6854	6,3	KR7-6080	17	-	D	3	23
6854	6,3	KR3-4020	17	-	D	3	23
6872	6,3	DU7-1265	27	-	B	3	45
6877	6,3	DV1-4080	65	-	D	3	24
6883	12,6	HS5-0318	30	-	D	3	35
6887	6,3	ET0-7010	0	54	A	2	40
6887	6,3	ET0-2050	0	54	A	2	40
6888	6,3	HS4-8653	23	-	B	3	60
6900	12,6	EV7-9061	23	-	D	3	38
6900	12,6	EV2-1039	23	-	D	3	38
6907	6,3	HS4-8613	13	-	C	3	38
6907	6,3	HS4-5613	13	-	C	3	38
6913	12,6	EV7-6082	29	-	C	3	30
6913	12,6	EV2-1037	29	-	C	3	30
6919	6,3	ET0-7016	0	70	A	2	40
6919	6,3	ET0-2056	0	70	A	2	40

6922	6,3	EV7-6080	21	-	D	3	50
6922	6,3	EV2-1030	21	-	D	3	50
6927	6,3	ET5-2070	15	-	D	3	23
6927	6,3	ET6-1070	15	-	D	3	23
6928	6,3	ET1-5620	21	-	C	3	46
6939	12,6	EV3-8720	20	-	C	3	65
6939	12,6	EV1-6720	20	-	C	3	65
6943	6,3	DW1-5724	22	-	B	3	51
6944	6,3	DW1-5724	22	-	B	3	51
6945	6,3	DW1-5720	45	-	C	3	41
6946	6,3	DW1-8050	32	-	C	3	37
6947	6,3	DW7-8050	30	-	B	3	33
6947	6,3	DW2-1040	30	-	B	3	33
6948	6,3	DW7-8050	29	-	B	3	23
6948	6,3	DW2-1040	29	-	B	3	23
6954	6,3	ET1-5627	14	-	B	3	50
6973	6,3	EV3-9170	18	-	D	3	24
7000	6,3	HS0-3485	22	-	B	3	31
7025	12,6	EV7-6080	12	-	B	3	32
7025	12,6	EV2-1030	12	-	B	3	32
7027	6,3	HS5-3180	23	-	D	3	25
7036	6,3	ET7-5621	20	-	B	3	30
7036	6,3	ET1-5627	10	-	B	3	38
7044	12,6	EV7-9060	18	-	D	3	50
7044	12,6	EV2-1030	18	-	D	3	50
7054	12,6	EV2-7813	9	-	D	3	46
7055	12,6	ET0-7010	0	70	A	2	40
7055	12,6	ET0-2050	0	70	A	2	40
7056	12,6	ET1-5627	11	-	D	3	28
7057	12,6	EV7-6089	17	-	D	3	34
7057	12,6	EV2-1039	17	-	D	3	34
7058	12,6	EV7-6080	12	-	B	3	32
7058	12,6	EV2-1030	12	-	B	3	32
7059	12,6	EV2-6370	18	-	C	3	31
7059	12,6	EV9-1080	12	-	D	3	43
7060	12,6	EV8-6790	14	-	D	3	50
7060	12,6	EV2-1030	27	-	B	3	50
7061	12,6	EV3-9170	21	-	C	3	46
7062	12,6	EV7-6080	18	-	D	3	21

7062	12,6	EV2-1030	18	-	D	3	21
7119	12,6	EV7-9060	20	-	E	typo in manual	40
7119	12,6	EV2-1030	20	-	E	typo in manual	40
7167	6,3	ET1-5620	11	-	D	#	25
7189	6,3	EV2-7930	10	-	D	3	46
7193	6,3	HS0-0080	13	-	C	3	38
7199	6,3	EV7-2360	12	-	C	3	50
7199	6,3	EV9-1080	29	-	C	3	42
7212	6,3	HS5-0318	30	-	D	3	35
7233	6,3	EV2-3080	90	-	C	3	50
7236	6,3	JX1-2030	60	-	D	3	30
7236	6,3	JX4-5060	60	-	D	3	30
7244	6,3	ET5-2070	15	-	D	3	23
7244	6,3	ET6-1070	15	-	D	3	23
7245	6,3	ET1-7020	15	-	D	3	45
7247	12,6	EV7-6080	12	-	B	3	32
7247	12,6	EV2-1030	24	-	B	3	55
7258	12,6	EV8-6791	10	-	C	3	56
7258	12,6	EV2-1736	20	-	C	3	56
7289	6,3	HS6-5080	18	-	E	3	50
7289	6,3	HS6-5080	78	-	F	3	50
7308	6,3	EV7-6080	21	-	D	3	50
7308	6,3	EV2-1030	21	-	D	3	50
7316	12,6	EV7-6080	24	-	B	3	56
7316	12,6	EV2-1030	24	-	B	3	56
7318	12,6	EV7-6080	24	-	B	3	56
7318	12,6	EV2-1030	24	-	B	3	56
7320	6,3	EV2-7930	30	-	C	3	50
7355	6,3	HS6-3850	20	-	D	3	34
7357	25,0	HS5-0318	30	-	D	3	35
7360	6,3	EV3-6219	27	-	B	3	24
7370	20,0	FY7-9060	23	-	D	3	38
7370	20,0	JU2-1030	23	-	D	3	38
7408	6,3	HS5-3481	21	-	C	3	46
7489	12,6	EV7-6080	24	-	B	3	56
7489	12,6	EV2-1030	24	-	B	3	56
7494	12,6	EV7-6080	12	-	B	3	32
7494	12,6	EV2-1030	12	-	B	3	32
7499	6,3	EV2-7839	0	-	D	3	46
7534	6,3	HS5-0480	25	-	D	3	40
7543	6,3	ET1-5672	16	-	B	3	58
7551	12,6	EV2-6317	26	-	D	3	30
7558	6,3	EV2-6317	26	-	D	3	30

7581	6,3	HS5-3480	20	-	D	3	51
7586	6,3	DR4-2080	27	-	D	3	40
7587	6,3	DR4-0280	10	-	D	#	38
7591	6,3	HS6-3450	10	-	D	3	36
7631	6,3	ET0-7010	0	70	A	2	40
7631	6,3	ET0-2050	0	70	A	2	40
7687	6,3	EV2-6370	15	-	C	3	35
7687	6,3	EV9-1080	35	-	C	3	22
7693	6,3	ET1-5627	15	-	B	3	50
7694	6,3	ET1-5627	0	-	C	3	48
7695	50,0	EV6-1170	30	-	D	3	48
7700	6,3	GR0-2354	21	-	B	3	31
7701	12,6	EV2-0910	11	-	C	3	48
7716	12,6	EV7-9860	10	-	D	3	30
7716	12,6	EV2-3010	26	-	B	3	24
7717	6,3	ET1-5620	11	-	D	#	25
7719	12,6	EV2-1030	38	-	C	3	14
7724	12,6	EV8-9070	20	-	B	3	12
7724	12,6	EV0-2030	0	0	A	2	32
7724	12,6	EV0-6010	0	0	A	2	32
7728	12,6	EV7-6080	10	-	C	3	50
7728	12,6	EV2-1030	10	-	C	3	50
7729	12,6	EV7-6080	12	-	B	3	32
7729	12,6	EV2-1030	12	-	B	3	32
7730	12,6	EV7-6080	24	-	B	3	56
7730	12,6	EV2-1030	24	-	B	3	56
7731	6,3	EV2-6370	15	-	B	3	57
7731	6,3	EV9-1080	16	-	C	3	57
7732	6,3	ET1-5627	11	-	D	3	28
7733	12,6	EV2-7813	9	-	D	3	46
7734	6,3	EV8-9170	27	-	B	3	29
7734	6,3	EV3-6020	65	-	C	3	56
7738	6,3	ET2-1050	6	-	D	3	40
7754	6,3	EV6-9170	30	-	D	3	48
7755	6,3	ET1-5620	12	-	D	#	14
7756	6,3	GY7-3510	34	-	D	3	27
7759	25,0	DW7-8050	25	-	C	3	31
7759	25,0	DW2-1040	25	-	C	3	31
7760	25,0	DW7-8050	43	-	B	3	25
7760	25,0	DW2-1040	43	-	B	3	25
7761	25,0	DW1-5720	25	-	D	3	21
7762	25,0	DW1-5720	43	-	C	3	53
7788	6,3	EV2-7938	29	-	C	3	50

7854	12,6	HR6-0340	35	-	C	3	60
7854	12,6	HR2-0340	35	-	C	3	60
7861	12,6	KR7-6080	17	-	D	3	26
7861	12,6	KR3-4020	17	-	D	3	26
7868	6,3	EV2-9730	10	-	D	3	42
7889	25,0	DW7-8050	13	-	D	3	13
7889	25,0	DW2-1040	13	-	D	3	13
7895	6,3	DR4-2080	17	-	D	3	32
7898	12,6	EV7-6080	10	-	C	3	50
7898	12,6	EV2-1030	10	-	C	3	50
7905	6,3	BZ2-6307	50	47	A	3	50
7984	12,6	BS3-5678	45	-	D	3	27
8005	10,0	ER3-0000	22	-	B	3	50
8013A	3,0	ER0-0000	0	75	A	4	40
8016	1,1	HS0-0000	0	68	A	4	50
8020	5,0	ER0-0000	0	85	A	4	40
8025	6,3	ER0-0000	25	-	C	3	See Note>
8032	12,6	HS5-0318	30	-	D	3	35
8068	6,3	HS5-0380	23	-	D	3	See Note>
8077	12,6	EV2-7813	9	-	D	3	46
M8079	6,3	ET0-7010	0	70	A	2	40
M8079	6,3	ET0-2050	0	70	A	2	40
M8080	6,3	ET6-1070	24	-	B	3	55
M8081	6,3	ET5-2076	16	-	D	3	25
M8081	6,3	ET6-1075	16	-	D	3	25
M8082	6,3	ET1-5726	10	-	D	3	25
M8083	6,3	ET1-5726	10	-	D	3	25
M8086	6,3	EV9-1673	8	-	D	3	35
M8100	6,3	ET1-5620	10	-	D	3	22
M8136	12,6	EV7-6080	24	-	B	3	56
M8136	12,6	EV2-1030	24	-	B	3	56
M8196	6,3	ET1-5627	14	-	B	3	44

M8204	6,3	ET1-6025	See Note>	90	A	4	40
M8212	6,3	ET0-7010	0	70	A	2	40
M8212	6,3	ET0-2050	0	70	A	2	40
M8245	6,3	ET1-5620	21	-	C	3	46
8298	6,3	HS5-0318	30	-	D	3	35
8334	6,3	ET2-1050	6	-	D	3	40
8393	12,6	DR4-2080	27	-	D	3	40
8425	6,3	ET1-5672	16	-	B	3	58
8426	12,6	ET1-5672	16	-	B	3	58
8445	6,3	EV2-6370	15	-	B	3	57
8445	6,3	EV9-1080	16	-	C	3	57
8447	12,6	EV2-1030	14	-	D	3	20
8447	12,6	EV0-7080	0	70	A	2	40
8447	12,6	EV0-6080	0	70	A	2	40
8448	12,6	EV2-7813	9	-	D	3	46
8489	6,3	EV8-6791	7	-	D	3	31
8489	6,3	EV2-1736	21	-	C	3	42
8532	6,3	ET1-7020	15	-	D	3	45
9001	6,3	ET1-5670	21	-	B	3	28
9002	6,3	ET6-1070	22	-	B	3	48
9003	6,3	ET1-5620	17	-	B	3	38
9004	6,3	GR0-3040	0	65	A	2	40
9005	4,3	GR0-4030	0	52	A	2	40
9006	6,3	ET0-1070	0	52	A	2	40
38001	5,0	ER3-2000	48	-	B	3	18
38012	12,6	EV2-9010	25	-	D	3	39
38019	2,0	GS4-5000	15	-	B	3	25
38019	2,0	GR3-2000	15	-	B	3	25
38022	3,0	ER0-2300	20	-	B	#	13
38024	2,5	FR0-2340	12	-	B	3	25
38027	2,5	FR3-2040	41	-	B	3	25
38030	2,0	ER3-2000	40	-	B	3	23
38031	2,0	ER3-2000	65	-	B	3	23
38032	2,0	ER0-2300	19	-	B	#	16
38032A	2,0	ER0-2300	18	-	B	#	16
38033	2,0	FR3-2400	35	-	B	3	36
38034	2,0	ER0-2300	17	-	B	#	15
38035	2,5	FR0-2340	24	-	B	3	26
38036	6,3	FR0-2340	24	-	B	3	26
38037	6,3	FR3-2040	41	-	B	3	23
38038	6,3	FR0-2340	39	-	B	3	26
38039	6,3	FR0-2340	28	-	B	3	25
38040	5,0	ER3-2000	32	-	B	8	55
38041	6,3	GR4-2350	34	-	B	3	40
38042	6,3	GR4-2350	29	-	B	3	50
38045	2,5	ER3-2000	61	-	B	3	47
38047	2,5	FR3-2400	22	-	B	3	50
38050	7,5	ER3-2000	61	-	B	3	38
38053	2,5	HR5-6042	12	-	B	3	38
38053	2,5	HR3-2046	12	-	B	3	38

38056	2,5	FR3-2040	29	-	B	3	37
38057	2,5	GR0-2354	21	-	B	3	31
38058	2,5	GR0-2354	24	-	B	3	36
38059	2,5	HR4-2365	22	-	B	3	50
38064	1,1	ER3-2000	45	-	B	3	16
38071	5,0	ER3-2000	73	-	B	3	42
38075	6,3	GR0-2050	11	-	B	3	19
38075	6,3	GR0-4052	0	14	A	2	40
38075	6,3	GR0-3052	0	14	A	2	40
38076	6,3	FR3-2040	29	-	B	3	36
38077	6,3	GR0-2354	21	-	B	3	31
38078	6,3	GR0-2354	24	-	B	3	36
38085	6,3	GR0-2050	39	-	B	3	25
38085	6,3	GR0-4052	0	14	A	2	40
38085	6,3	GR0-3052	0	14	A	2	40
38089	6,3	GR0-2354	37	-	B	3	39
38101A	7,5	ER3-2000	0	-	B	3	38
38102	12,6	EV2-9010	25	-	D	3	39
38110	7,5	ER3-2000	12	-	B	3	38
38142	7,5	ER3-2000	37	-	B	3	55
38143	2,5	FR3-2040	12	-	B	3	42
38165	7,5	ER3-0200	34	-	B	3	16
38166	3,0	ER0-0000	0	67	A	7	40
38166A	3,0	ER0-0000	0	67	A	7	40
38171	2,5	ER0-0000	0	65	A	7	40
38181	7,5	ER0-2000	0	40	A	6	40
38182	2,5	ER0-3000	0	70	A	7	40
38182	2,5	ER0-2000	0	70	A	7	40
38183	5,0	ER0-3000	0	66	A	7	40
38183	5,0	ER0-2000	0	63	A	7	40
38184	6,3	FR0-3040	0	46	A	7	40
38184	6,3	FR0-2040	0	46	A	7	40
38205	-	HP0-5020	0	60	A	4	40
38213	2,5	ER3-2000	67	-	C	3	38
38215	2,5	GR4-2350	29	-	B	3	50
38233	6,3	HR4-5060	38	-	B	3	34
38233	6,3	HR0-3020	38	-	B	3	34
38236	2,0	GR4-5320	56	-	B	#	25
38250	-	HP0-5020	0	40	A	4	40
38255	25,0	GR0-5040	0	60	A	7	40
38255	25,0	GR0-2030	0	60	A	7	40
38267	3,0	ER0-0000	0	46	A	6	40
38274	-	AP0-3010	0	53	A	4	40
38275	-	HP0-5020	0	60	A	4	40
38290	-	HP0-5020	0	65	A	4	40
38405	2,5	ER0-2000	0	88	A	4	80
38405	2,5	ER0-3000	0	88	A	4	80
38565J	6,3	HS5-3080	23	-	B	3	50
38593	5,0	ER0-3000	0	47	A	7	40
38593	5,0	ER0-2000	0	42	A	7	40
38616	6,3	HR5-6040	12	-	B	3	38

38616	6,3	HR3-2040	12	-	B	3	38
38616	6,3	HR5-3462	41	-	B	3	29
38617	6,3	HR5-3462	41	-	B	3	29
38627	6,3	HR0-2360	30	-	B	3	25
38627	6,3	HR0-5360	0	14	A	2	40
38627	6,3	HR0-4360	0	14	A	2	40
38636	6,3	GR0-2354	21	-	B	3	31
38646	6,3	GR0-2354	21	-	B	3	40
38667	6,3	HR0-2365	28	-	B	3	28
38667	6,3	HR5-4362	28	-	B	3	13
38807	6,3	FR3-0240	33	-	C	3	48
38814	10,0	FR3-0240	0	-	C	3	38
38837	12,6	HR4-0365	0	-	C	3	50
38842	7,5	ER3-2000	61	-	B	3	30
38884	6,3	HS5-3080	See Note>	90	A	4	40
38954	6,3	GR8-0374	30	-	B	3	18
38955	6,3	GR4-3070	22	-	B	3	48
38956	6,3	GR8-0374	30	-	B	3	31
38958	1,5	GR4-3000	41	-	B	3	30
38959	1,5	GR8-0300	25	-	B	#	15
AD	6,3	ER0-2030	0	53	A	7	40
AF	2,5	ER0-3000	0	70	A	7	40
AF	2,5	ER0-2000	0	70	A	7	40
AG	5,0	ER0-3000	0	66	A	7	40
AG	5,0	ER0-2000	0	63	A	7	40
BH	-	AP0-1020	0	60	A	6	40
BH	-	AP0-4020	0	60	A	6	40
BR	-	AP0-4010	0	60	A	6	40
FNH	6,3	ER3-2000	67	-	C	3	38
LA	6,3	FR3-2400	28	-	B	3	50
PZ	2,5	FR3-2400	22	-	B	3	50
PZH	2,5	GR4-2350	29	-	B	3	50
XXB	2,5	BY5-6000	10	-	B	3	28
XXB	2,5	JR4-3000	10	-	B	3	28
XXD	12,6	JR4-6070	21	-	C	3	33
XXD	12,6	JR4-3020	21	-	C	3	33
XXFM	6,3	JR3-2040	0	-	B	3	23
XXFM	6,3	JR0-5040	0	67	A	2	40
XXFM	6,3	JR0-6070	0	67	A	2	40
XXL	6,3	JR6-2070	23	-	B	3	50
Octal Delay Relay	as marked	DS0-0057	-	-	-	-	-
9 Pin Delay Relay	as marked	BW0-0039	-	-	-	-	-

Settings Data for use with TV-7/U, TV-7A/U, TV

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End of S

6-7B/U, TV-7C/U, and TV-7D/U Tube Testers

Alan E. Lee (nlee@acadiacom.net)

July 5, 2002

Warm up. allow 5 seconds to obtain GM reading.

Press the MUT.COND. button.

The tube listed in the notations column needs to be used.

Refer to the manual for specific instructions for that tube.

Notations	Settings Data Source
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Short on 1, 2, 3, 4, and 5.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Short on 1, 2, 3, 4, and 5.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Best seen = 80. Short on 1, 2, 3, 4, and 5.	DJN
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	DJN
Short on 1 and 2.	TB 11-6625-274-12/1 w/ C3
Hold Down Button 6-0Z4 for 5 seconds. Plate #1.	TB 11-6625-274-12/1 w/ C3
Hold Down Button 6-0Z4 for 5 seconds. Plate #2.	TB 11-6625-274-12/1 w/ C3
Hold Down Button 6-0Z4 for 5 seconds. Plate #1.	TB 11-6625-274-12/1 w/ C3
Hold Down Button 6-0Z4 for 5 seconds. Plate #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid number 4.	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Cap connects to grid number 4.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid number 4. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3

Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	DJN
Cap connects to grid number 4.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid number 4.	TB 11-6625-274-12/1 w/ C3
F basing. Short on 3.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid number 4.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Pentode #1.	TB 11-6625-274-12/1 w/ C3
Pentode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section. Cap connects to grid #1.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section. Cap connects to grid #1.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Triode #2. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section. Cap connects to grid. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Diode Section. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3

Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
	DJN
	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Short Test Only!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Short Test Only!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Diode Section. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Diode Section. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Adjust bias to vary bar length. Do NOT adjust bias below 25.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
F basing. Pentode Section.	TB 11-6625-274-12/1 w/ C3
F basing. Diode Section.	TB 11-6625-274-12/1 w/ C3
Diode	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Pentode Section. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Diode Section. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
F basing. Pentode Section.	TB 11-6625-274-12/1 w/ C3
F basing. Diode Section.	TB 11-6625-274-12/1 w/ C3

	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
F basing. Pentode Section.	TB 11-6625-274-12/1 w/ C3
F basing. Diode Section.	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Pentode Section. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Diode Section. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Should strike between settings 43 and 33 of the BIAS dial.	NEL
	NEL
Cap connects to plate.	NEL
	TB 11-6625-274-12/1 w/ C3
Should strike between settings of 86 and 76 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid number 4.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	DJN
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Should strike between settings of 82 and 72 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section. Cap connects to grid.	DJN
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Should strike between settings 81 and 71 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3

[illegible]

	TB 11-6625-274-12/1 w/ C3
Eye Open.	NEL
Eye Closed.	NEL
Heptode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Heptode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	T.O. 33AA21-5-31P
	T.O. 33AA21-5-31P
	T.O. 33AA21-5-31P
Plate #1.	DJN
Plate #2.	DJN
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate. Short on 3.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Triode #1. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Triode #2. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Pentode Section. Cap connects to grid #1. Short on 3. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Triode Section. Short on 3. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Diode Section. Short on 3. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate. Short on 3.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Triode #2. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Diode #1.	T.O. 33AA21-5-31P
Diode #2.	T.O. 33AA21-5-31P
Cap connects to plate. 1st half of filament.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate. 2nd half of filament.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3

	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Short Test Only!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Limited grid.	TB 11-6625-274-12/1 w/ C3
Quadrature grid.	TB 11-6625-274-12/1 w/ C3
Pentode #1.	TB 11-6625-274-12/1 w/ C3
Pentode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Grid #1.	TB 11-6625-274-12/1 w/ C3
Grid #3.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Short on 3. Radiating fins connect to plate. Center ring connects to grid.	TB 11-6625-274-12/1 w/ C3
Top cap connects to plate. Side cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Grid #1.	TB 11-6625-274-12/1 w/ C3
Grid #3.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Short on 3.	T.O. 33AA21-5-31M
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Grid #1.	TB 11-6625-274-12/1 w/ C3
Grid #3.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Short on 3.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1. Use Adapter E105.	TB 11-6625-274-12/1 w/ C3
Plate #2. Use Adapter E105.	TB 11-6625-274-12/1 w/ C3
	NEL
	NEL
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	NEL
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode #1.	TB 11-6625-274-12/1 w/ C3
Pentode #2.	TB 11-6625-274-12/1 w/ C3

	NEL
	NEL
	NEL
	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Requires Special socket.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Short Test Only!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Limiter grid.	TB 11-6625-274-12/1 w/ C3
Quadrature grid.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode #1.	TB 11-6625-274-12/1 w/ C3
Pentode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Grid #1.	TB 11-6625-274-12/1 w/ C3
Grid #3.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap = P. Use Hickok adapter 1050-107. Caution! With line voltage down, insert tube, slowly adjust line to normal position.	T.O. 33AA21-5-31K
	TB 11-6625-274-12/1 w/ C3
	NEL
Grid #1.	TB 11-6625-274-12/1 w/ C3

Grid #3.	TB 11-6625-274-12/1 w/ C3
	NEL
	NEL
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	NEL
Triode Section.	NEL
	NEL
Pentode #1.	TB 11-6625-274-12/1 w/ C3
Pentode #2.	TB 11-6625-274-12/1 w/ C3
	NEL
	NEL
Pentode #1.	NEL
Pentode #2.	NEL
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Plate #1.	DJN
Plate #2.	DJN
	TB 11-6625-274-12/1 w/ C3
Plate #1.	T.O. 33AA21-5-31G
Plate #2.	T.O. 33AA21-5-31G
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode Section. Short on 2 and 3.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3

Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Requires Special socket.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Tetrode section.	TB 11-6625-274-12/1 w/ C3
Triode section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Tetrode section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	NEL
Triode Section.	NEL
	NEL
	NEL
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3

Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Diode #3.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid #4.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid #4.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Eye Open.	DJN
Eye Closed.	DJN
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3

Triode #1. Use Hickok Adapter Model 1704. set adapter selectors to 2-0-3.	T.O. 33AA21-5-31P
Triode #2. Use Hickok Adapter Model 1704. set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Triode #3. Use Hickok Adapter Model 1704. set adapter selectors to 0-4-5.	T.O. 33AA21-5-31P
C basing.	TB 11-6625-274-12/1 w/ C3
F basing	TB 11-6625-274-12/1 w/ C3
Eye 1 open. Eye 2 closed.	TB 11-6625-274-12/1 w/ C3
Eye 2 open. Eye 1 closed.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.	T.O. 33AA21-5-31P
Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-4.	T.O. 33AA21-5-31P
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate. Hold down pushbutton 8-METER REV. and press pushbutton 7-RECT.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Eye 1 open. Eye 2 closed.	TB 11-6625-274-12/1 w/ C3
Eye 2 open. Eye 1 closed.	TB 11-6625-274-12/1 w/ C3
Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 1-0-0.	T.O. 33AA21-5-31P
Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.	T.O. 33AA21-5-31P
Pentode Section. Use Hickok Adapter Model 1704. Set adapter selectors to 3-4-5.	T.O. 33AA21-5-31P
Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Diode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.	T.O. 33AA21-5-31P
Diode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-4.	T.O. 33AA21-5-31P
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3

Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Best seen = 91	DJN
	TB 11-6625-274-12/1 w/ C3
Tetrode section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
F basing	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Diode #3.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate. Hold down pushbutton 8-METER REV. and press pushbutton 7-RECT.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Bias controls left pattern.	TB 11-6625-274-12/1 w/ C3
Bias controls both patterns.	TB 11-6625-274-12/1 w/ C3
Bias controls right pattern.	TB 11-6625-274-12/1 w/ C3
Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.	T.O. 33AA21-5-31P
Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-5.	T.O. 33AA21-5-31P
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Diode #3.	TB 11-6625-274-12/1 w/ C3
Diode #4.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3

Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 4-3-2.	T.O. 33AA21-5-31G
Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-7.	T.O. 33AA21-5-31G
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	T.O. 33AA21-5-31G
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	T.O. 33AA21-5-31Q
Triode Section.	T.O. 33AA21-5-31Q
	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-0-3.	T.O. 33AA21-5-31P
Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Triode #3. Use Hickok Adapter Model 1704. Set adapter selectors to 0-4-5.	T.O. 33AA21-5-31P
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31K
	TB 11-6625-274-12/1 w/ C3
Plate #1	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3

Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.	T.O. 33AA21-5-31K
Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Diode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.	T.O. 33AA21-5-31P
Diode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-4.	T.O. 33AA21-5-31P
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
F basing. Diode #1.	TB 11-6625-274-12/1 w/ C3
F basing. Diode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-5.	T.O. 33AA21-5-31G
Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31G
Diode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31G
Diode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 8-0-2.	T.O. 33AA21-5-31G
F basing.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Short Test Only!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-6.	T.O. 33AA21-5-31P
Triode Section. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.	T.O. 33AA21-5-31P
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3

Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Diode #3.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section. Use Hickok Adapter Model 1704. Set adapter selectors to 4-5-3.	T.O. 33AA21-5-31G
Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31G
Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31G
Short Test Only!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section. Short on 2 and 3.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
F basing. Triode #1.	TB 11-6625-274-12/1 w/ C3
F basing. Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 4-3-2.	T.O. 33AA21-5-31G
Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-8.	T.O. 33AA21-5-31G
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
F basing. Triode #1.	TB 11-6625-274-12/1 w/ C3
F basing. Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode section. Use Hickok adapter model 1704. Set adapter selectors to 2-3-4.	T.O. 33AA21-5-31P
Triode #1. Use Hickok adapter model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Triode #2. Use Hickok adapter model 1704. Set adapter selectors to 0-0-5.	T.O. 33AA21-5-31P
	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Diode #3.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	T.O. 33AA21-5-31M
	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3

Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
49 = best seen. Short on 1, 2, 3, and 5.	DJN
Limiter grid.	TB 11-6625-274-12/1 w/ C3
Quadrature grid.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Short on 1, 2, 3, and 5.	T.O. 33AA21-5-31G
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Eye Open.	TB 11-6625-274-12/1 w/ C3
Eye Closed.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.	T.O. 33AA21-5-31P
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Pentode #1.	TB 11-6625-274-12/1 w/ C3
Pentode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3

If short indication is obtained on positions 1,2,3, and 5 on shorts test, use the following selector settings: EV1-7839. All other settings remain the same.	T.O. 33AA21-5-31G
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.	T.O. 33AA21-5-31P
Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-7.	T.O. 33AA21-5-31P
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Grid #1.	TB 11-6625-274-12/1 w/ C3
Grid #3.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Triode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-0-3.	T.O. 33AA21-5-31P
Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Triode #3. Use Hickok Adapter Model 1704. Set adapter selectors to 0-4-5.	T.O. 33AA21-5-31P
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap =P.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3

Connect a 1 megohm resistor from the plate jack to pin #3 of the large 7 pin socket. Connect another 1 megohm resistor from the plate jack to pin 6 of large 7 pin socket. Eye #1 closes at a bias of about 30. Eye #2 closes at a bias of about 55.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
If short indication is obtained on positions 2 and 3 on shorts test, use the following selector settings: EV2-7831. All other settings remain the same.	T.O. 33AA21-5-31M
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.	T.O. 33AA21-5-31P
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Tetrode section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Tetrode section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Grid #1.	TB 11-6625-274-12/1 w/ C3
Grid #3.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3

Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Use Hickok adapter Code No. 1050-127.	TB 11-6625-274-12/1 w/ C3
Short on 1, 2, 3, and 5.	T.O. 33AA21-5-31G
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Should strike between settings 87 and 77 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-0-3.	T.O. 33AA21-5-31P
Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Triode #3. Use Hickok Adapter Model 1704. Set adapter selectors to 0-4-5.	T.O. 33AA21-5-31P
	TB 11-6625-274-12/1 w/ C3
Connect a 1 megohm resistor from the plate jack to octal test socket pin #7. Vary bias to vary beam angle.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Grid #1.	TB 11-6625-274-12/1 w/ C3
Grid #3.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3

	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Cap is the plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate	TB 11-6625-274-12/1 w/ C3
Cap connects to plate	T.O. 33AA21-5-31G
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Grid #1.	TB 11-6625-274-12/1 w/ C3
Grid #3.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.	T.O. 33AA21-5-31P
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode #1. Connect negative (-) terminal of 30 volt battery to pin #1 of loctal socket (count counterclockwise). Connnect positive (+) terminal of 30 volt battery to pin #8 of loctal socket for each test. CAUTION:Disconnect battery before changing selector switch positions!	TB 11-6625-274-12/1 w/ C3
Pentode #2. Connect negative (-) terminal of 30 volt battery to pin #5 of loctal socket (count counter clockwise). Connnect positive (+)terminal of 30 volt battery to pin #8 of loctal socket for each test. CAUTION:Disconnect battery before changing selector switch positions!	TB 11-6625-274-12/1 w/ C3
Eye Open.	TB 11-6625-274-12/1 w/ C3
Eye Closed.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Cap=G. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
	TB 11-6625-274-12/1 w/ C3

	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
	DJN
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate. Tubes showing shorts: Retest using HS5-0130	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #3.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Tetrode #1.	TB 11-6625-274-12/1 w/ C3
Tetrode #2.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
Make no gas test.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Vary bias to open and close eye	DJN
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3

Tetrode plate #1.	TB 11-6625-274-12/1 w/ C3
Tetrode plate #2.	TB 11-6625-274-12/1 w/ C3
Tetrode plate #3.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Eye Open.	TB 11-6625-274-12/1 w/ C3
Eye Closed.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Use Hickok Adapter Model 1704. Set adapter selectors to 3-4-5.	T.O. 33AA21-5-31P
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	T.O. 33AA21-5-31P
Triode Section.	T.O. 33AA21-5-31P
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	DJN
Triode #2.	DJN
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1. Make no gas test.	TB 11-6625-274-12/1 w/ C3
Triode #2. Make no gas test.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode #1.	TB 11-6625-274-12/1 w/ C3
Pentode #2.	TB 11-6625-274-12/1 w/ C3
Cap=Plate. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.	T.O. 33AA21-5-31P
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3

Best seen = 72.	DJN
Best seen = 60.	DJN
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Short Test Only!	TB 11-6625-274-12/1 w/ C3
Short Test Only!	TB 11-6625-274-12/1 w/ C3
Triode #1. Short on 3.	TB 11-6625-274-12/1 w/ C3
Triode #2. Short on 3.	TB 11-6625-274-12/1 w/ C3
Triode #3. No short.	TB 11-6625-274-12/1 w/ C3
Diode	TB 11-6625-274-12/1 w/ C3
Eye Open.	TB 11-6625-274-12/1 w/ C3
Eye Closed.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	T.O. 33AA21-5-31P
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
	T.O. 33AA21-5-31P
	T.O. 33AA21-5-31P
Best seen = 72.	DJN
Best seen = 40.	DJN
Pentode #1.	TB 11-6625-274-12/1 w/ C3
Pentode #2.	TB 11-6625-274-12/1 w/ C3
	DJN
Gas test not reliable. Do not perform.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid #1.	TB 11-6625-274-12/1 w/ C3
Heptode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.	T.O. 33AA21-5-31P
Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-7.	T.O. 33AA21-5-31P
Cap=Plate. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.	T.O. 33AA21-5-31P
Best seen = 65.	DJN
Best seen = 65.	DJN
Cap=Plate. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.	T.O. 33AA21-5-31K
Cap=Plate. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.	T.O. 33AA21-5-31P

Cap=Plate. Use Hickok Adapter Model 1704. Set adapter selectors to 4-0-6.	T.O. 33AA21-5-31P
Use Hickok Adapter Model 1704. Set adapter selectors to 0-5-6.	T.O. 33AA21-5-31P
Cap=Plate. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-6.	T.O. 33AA21-5-31P
Diode #1.	T.O. 33AA21-5-31P
Diode #2.	T.O. 33AA21-5-31P
Diode #3.	T.O. 33AA21-5-31P
Diode #4.	T.O. 33AA21-5-31P
Pentode Section.	DJN
Triode Section.	DJN
C basing.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Hexode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-0-3.	T.O. 33AA21-5-31P
Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Triode #3. Use Hickok Adapter Model 1704. Set adapter selectors to 0-4-5.	T.O. 33AA21-5-31P
Best seen = 110.	DJN
Best seen = 102	DJN
	T.O. 33AA21-5-31P
Pentode Section.	T.O. 33AA21-5-31P
Triode Section.	T.O. 33AA21-5-31P
Best seen = 50	DJN
Best seen = 50	DJN
Best seen = 90.	DJN
Best seen = 35.	DJN
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
5-31H listed bias as 23. Was changed to 40 with 5-31M. Your mileage may vary...	T.O. 33AA21-5-31M
Cap grid. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Pin grid.	TB 11-6625-274-12/1 w/ C3
Cap = Grid.	T.O. 33AA21-5-31P
Cap=Plate. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-6.	T.O. 33AA21-5-31P
Pentode Section.	DJN
Triode Section.	DJN
Pentode Section.	T.O. 33AA21-5-31P
Triode Section.	T.O. 33AA21-5-31P
Cap connects to plate. Short on 3. Hold down pushbutton 8-METER REV. and press pushbutton 7-RECT.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3

Eye Open.	TB 11-6625-274-12/1 w/ C3
Eye Closed.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Should strike between settings of 64 and 54 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
Triode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-0-3.	T.O. 33AA21-5-31P
Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Triode #3. Use Hickok Adapter Model 1704. Set adapter selectors to 0-4-5.	T.O. 33AA21-5-31P
Cap connects to plate. Hold down pushbutton 8-METER REV. and press pushbutton 7-RECT.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Diode #3.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Triode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Diode #3.	TB 11-6625-274-12/1 w/ C3
Short Test Only!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Short Test Only!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3

Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Eye Open.	TB 11-6625-274-12/1 w/ C3
Eye Closed.	TB 11-6625-274-12/1 w/ C3
Triode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Diode #3.	TB 11-6625-274-12/1 w/ C3
Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.	T.O. 33AA21-5-31P
Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-4.	T.O. 33AA21-5-31P
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Eye Open.	TB 11-6625-274-12/1 w/ C3
Eye Closed.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid #1.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3

Cap connects to plate. Hold down pushbutton 8-METER REV. and press pushbutton 7-RECT.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Diode #3.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid #1.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Eyes Open.	TB 11-6625-274-12/1 w/ C3
Eyes Closed.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1. Short on 3.	TB 11-6625-274-12/1 w/ C3
Plate #2. Short on 3.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	NEL
	NEL
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Short Test Only!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3

Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Short Test Only!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Diode	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1. Make LINE TEST at 56.	NEL
Triode #2. Make LINE TEST at 56.	NEL
	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Tetrode #1.	TB 11-6625-274-12/1 w/ C3
Tetrode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	T.O. 33AA21-5-31P
Triode Section.	T.O. 33AA21-5-31P
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	T.O. 33AA21-5-31P
Triode Section.	T.O. 33AA21-5-31P
Heptode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3

Triode #2.	TB 11-6625-274-12/1 w/ C3
Short Test Only!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Heptode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	NEL
Pentode Section.	T.O. 33AA21-5-31P
Triode section.	T.O. 33AA21-5-31P
Triode #1. Use Hickok Adapter Model 1704. set adapter selectors to 2-0-3.	NEL
Triode #2. Use Hickok Adapter Model 1704. set adapter selectors to 0-0-2.	NEL
Triode #3. Use Hickok Adapter Model 1704. set adapter selectors to 0-4-5.	NEL
Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 4-3-2.	T.O. 33AA21-5-31P
Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-7.	T.O. 33AA21-5-31P
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	NEL
	NEL
Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-5.	NEL
Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	NEL
Diode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	NEL
Diode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 8-0-2.	NEL
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P

Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-6.	T.O. 33AA21-5-31P
Triode Section. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.	T.O. 33AA21-5-31P
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.	T.O. 33AA21-5-31P
Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-7.	T.O. 33AA21-5-31P
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Short on 1, 2, 3, and 5.	T.O. 33AA21-5-31G
Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.	NEL
Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-7.	NEL
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Short on 1, 2, 3, and 5.	NEL
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	NEL
Triode Section.	NEL
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	NEL
Diode #2.	NEL
Diode #3.	NEL
Diode #4.	NEL
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	T.O. 33AA21-5-31P

Triode section.	T.O. 33AA21-5-31P
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Tetrode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	NEL
Triode Section.	NEL
Pentode Section.	T.O. 33AA21-5-31P
Triode Section.	T.O. 33AA21-5-31P
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.	NEL
Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-5.	NEL
Short on 1, 2, 3, and 5.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Short on 1, 2, 3, and 5.	NEL
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	NEL
Triode Section.	NEL
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	NEL
Triode #2.	NEL
	NEL
Pentode Section.	NEL
Triode Section.	NEL
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Tetrode Section.	T.O. 33AA21-5-31P
Triode Section.	T.O. 33AA21-5-31P
Pentode Section.	T.O. 33AA21-5-31P
Triode Section.	T.O. 33AA21-5-31P

Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.	NEL
Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-4.	NEL
	TB 11-6625-274-12/1 w/ C3
Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 1-0-0.	NEL
Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.	NEL
Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 4-3-2.	T.O. 33AA21-5-31P
Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-7.	T.O. 33AA21-5-31P
Pentode Section.	DJN
Triode Section.	DJN
Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.	T.O. 33AA21-5-31P
Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-7.	T.O. 33AA21-5-31P
Pentode Section. Use Hickok Adapter Model 1704. Set adapter selectors to 3-4-5.	T.O. 33AA21-5-31P
Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
	TB 11-6625-274-12/1 w/ C3
Pentode Section. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.	T.O. 33AA21-5-31P
Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-4.	T.O. 33AA21-5-31P
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	DJN
Triode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.	T.O. 33AA21-5-31P
Triode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
	T.O. 33AA21-5-31P
Pentode Section.	T.O. 33AA21-5-31P
Triode Section.	T.O. 33AA21-5-31P
Pentode Section.	T.O. 33AA21-5-31P
Diode #1.	T.O. 33AA21-5-31P
Diode #2.	T.O. 33AA21-5-31P
	DJN
	DJN
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3

Pentode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Rectifier Section.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid #4.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Make no gas test.	TB 11-6625-274-12/1 w/ C3
Triode #1. Use Hickok Adapter Model 1704. set adapter selectors to 2-0-3.	NEL
Triode #2. Use Hickok Adapter Model 1704. set adapter selectors to 0-0-2.	NEL
Triode #3. Use Hickok Adapter Model 1704. set adapter selectors to 0-4-5.	NEL
Make no gas test.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section. Make no gas test.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Make no gas test.	TB 11-6625-274-12/1 w/ C3
Make no gas test.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate. Hold down pushbutton 8-METER REV. and press pushbutton 7- RECT.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Make no gas test.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section. Make no gas test.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Heptode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Tetrode Section. Make No gas test	TB 11-6625-274-12/1 w/ C3
Triode Section. Make no gas test.	TB 11-6625-274-12/1 w/ C3
Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.	NEL
Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-5.	NEL
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3

Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.	NEL
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Short Test Only!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Short Test Only!	T.O. 33AA21-5-31R
	T.O. 33AA21-5-31R
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 4-3-2.	T.O. 33AA21-5-31P
Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-8.	T.O. 33AA21-5-31P
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Make no gas test.	TB 11-6625-274-12/1 w/ C3
Limiter grid.	TB 11-6625-274-12/1 w/ C3
Quadrature grid.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.	T.O. 33AA21-5-31P

Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	T.O. 33AA21-5-31G
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section. Cap connects to grid #1.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Make no gas test.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
Grid #1.	TB 11-6625-274-12/1 w/ C3
Grid #3.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Make no gas test.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section. Make no gas test.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	NEL
Triode #2.	NEL
	NEL
Tetrode Section. Make No gas test	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Tetrode Section. Make No gas test	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3

	TB 11-6625-274-12/1 w/ C3
Tetrode Section. Make No gas test	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	T.O. 33AA21-5-31P
Triode #2.	T.O. 33AA21-5-31P
Tetrode Section. Make No gas test	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section. Make No gas test	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Tetrode Section. Make No gas test	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1. Make no gas test.	TB 11-6625-274-12/1 w/ C3
Triode #2. Make no gas test.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
Tetrode Section. Make No gas test	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Make no gas test.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Make no gas test.	TB 11-6625-274-12/1 w/ C3
Pentode Section. Make no gas test.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Make no gas test.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Make no gas test.	TB 11-6625-274-12/1 w/ C3
Triode Section. Make no gas test.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Tetrode Section. Make No gas test	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Make no gas test.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Pentode Section. Make no gas test.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section. Make no gas test.	TB 11-6625-274-12/1 w/ C3

Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section. Make no gas test.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	NEL
Triode #2.	NEL
Triode #1. Plate #1.	TB 11-6625-274-12/1 w/ C3
Triode #1. Plate #2.	TB 11-6625-274-12/1 w/ C3
Triode #2. Plate #1.	TB 11-6625-274-12/1 w/ C3
Triode #2. Plate #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section. Make no gas test.	TB 11-6625-274-12/1 w/ C3
Triode Section. Make no gas test.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section. Make no gas test.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Heptode Section. Make no gas test.	TB 11-6625-274-12/1 w/ C3
Triode Section. Make no gas test.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1. Make no gas test.	TB 11-6625-274-12/1 w/ C3
Triode #2. Make no gas test.	TB 11-6625-274-12/1 w/ C3
Make no gas test.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Use Hickok Adapter Model 1704. Set adapter selectors to 3-4-5.	NEL
Best seen = 94.	DJN
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Best seen = 94.	DJN
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Tetrode Section. Make No gas test	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Cap=Plate. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.	NEL
Use Hickok Adapter Model 1704. Set adapter selectors to 0-5-6.	NEL
Make no gas test. Hold down pushbutton 2-DIODE and press pushbutton 3-MUT.COND. Release pushbutton 3 before pushbutton 2.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Hexode Section. Cap connects to grid #3 hexode..	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode #1.	TB 11-6625-274-12/1 w/ C3
Pentode #2.	TB 11-6625-274-12/1 w/ C3

Triode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Diode #3.	TB 11-6625-274-12/1 w/ C3
Short Test Only!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Short Test Only!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.	T.O. 33AA21-5-31P
Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-4.	T.O. 33AA21-5-31P
Triode #1. Make no gas test.	TB 11-6625-274-12/1 w/ C3
Triode #2. Make no gas test.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Use Hickok adapter Code No. 1050-127.	DJN
Triode #1.	TB 11-6625-274-12/1 w/ C3

Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Short Test Only!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode section. Use Hickok adapter model 1704. Set adapter selectors to 3-4-5.	T.O. 33AA21-5-31P
Triode #1. Use Hickok adapter model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Triode #2. Use Hickok adapter model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Pentode section. Use Hickok adapter model 1704. Set adapter selectors to 0-5-6.	T.O. 33AA21-5-31P
Triode #1. Use Hickok adapter model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Triode #2. Use Hickok adapter model 1704. Set adapter selectors to 2-0-3.	T.O. 33AA21-5-31P
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Heptode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3

Triode #2.	TB 11-6625-274-12/1 w/ C3
Short Test Only!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Heptode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section. Make LINE TEST at 64. Use Hickok Adapter Model 1704. Set adapter selectors to 3-4-5.	T.O. 33AA21-5-31P
Triode #1. Make LINE TEST at 64. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Triode #2. Make LINE TEST at 64. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Pentode Section. Make LINE TEST at 64. Use Hickok Adapter Model 1704. Set adapter selectors to 3-4-5.	T.O. 33AA21-5-31P
Triode #1. Make LINE TEST at 64. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Triode #2. Make LINE TEST at 64. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Make LINE TEST at 64. Short on 1, 2, 3, and 5.	NEL
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Set LINE TEST at 68.	TB 11-6625-274-12/1 w/ C3
Triode #1. Set LINE TEST at 68.	NEL
Triode #2. Set LINE TEST at 68.	NEL
Make LINE TEST at 50.	TB 11-6625-274-12/1 w/ C3
Make LINE TEST at 50.	TB 11-6625-274-12/1 w/ C3
Make LINE TEST at 50.	TB 11-6625-274-12/1 w/ C3
Pentode #1. Use Hickok Adapter Model 1704. Make LINE TEST at 50. Set adapter selectors to 2-3-4.	NEL

Pentode #2. Use Hickok Adapter Model 1704. Make LINE TEST at 50. Set adapter selectors to 0-0-7.	NEL
Make LINE TEST at 50.	NEL
Make LINE TEST at 56	TB 11-6625-274-12/1 w/ C3
Make LINE TEST at 56. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-2.	T.O. 33AA21-5-31P
Make LINE TEST at 56.	TB 11-6625-274-12/1 w/ C3
Make LINE TEST at 56. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.	NEL
Make LINE TEST at 56. Use Hickok Adapter Model 1704. Set adapter selectors to 2-0-3.	T.O. 33AA21-5-31P
Pentode #1. Make LINE TEST at 56. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.	T.O. 33AA21-5-31P
Pentode #2. Make LINE TEST at 56. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-4.	T.O. 33AA21-5-31P
Cap connects to plate. Make LINE TEST at 50.	TB 11-6625-274-12/1 w/ C3
Make LINE TEST at 56. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-0.	T.O. 33AA21-5-31P
	TB 11-6625-274-12/1 w/ C3
Make LINE TEST at 56.	TB 11-6625-274-12/1 w/ C3
Make LINE TEST at 56. Best seen = 81.	DJN
Make LINE TEST at 56.	NEL
Make LINE TEST at 54.	TB 11-6625-274-12/1 w/ C3
Make LINE TEST at 58.	TB 11-6625-274-12/1 w/ C3
Make LINE TEST at 58.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Use Hickok Adapter Model 1704. Make LINE TEST at 56. Set adapter selectors to 3-4-5.	NEL
Cap = P. Make LINE TEST at 56. Use Hickok Adapter Model 1704. Set adapter selectors to 2-3-4.	T.O. 33AA21-5-31P
Cap connects to plate. Make LINE TEST at 56.	TB 11-6625-274-12/1 w/ C3
Make LINE TEST at 56.	TB 11-6625-274-12/1 w/ C3
Cap=Plate. Use Hickok Adapter Model 1704. Make LINE TEST at 56. Set adapter selectors to 0-0-0.	NEL
Cap=Plate. Use Hickok Adapter Model 1704. Make LINE TEST at 56. Set adapter selectors to 0-0-0.	NEL

Cap=Plate. Use Hickok Adapter Model 1704. Make LINE TEST at 56. Set adapter selectors to 4-0-6.	NEL
Use Hickok Adapter Model 1704. Make LINE TEST at 56. Set adapter selectors to 0-5-6.	NEL
Make LINE TEST at 56.	TB 11-6625-274-12/1 w/ C3
Make LINE TEST at 56.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Amplifier Section.	TB 11-6625-274-12/1 w/ C3
Oscillator Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #3.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Diode #3.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Diode #3.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3

	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Cap=Plate. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-6.	NEL
Pins: F- =2 , F+ =7 , P =4 .	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate. Tubes showing shorts: Retest using HS5-0310	TB 11-6625-274-12/1 w/ C3
Cap=Plate. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-6.	NEL
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Make line test at 58.	TB 11-6625-274-12/1 w/ C3
Cap=Plate. Use Hickok Adapter Model 1704. Make LINE TEST at 58. Set adapter selectors to 0-0-0.	NEL
Cap=Plate. Use Hickok Adapter Model 1704. Make LINE TEST at 58. Set adapter selectors to 0-0-6.	NEL
	NEL
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Pentode #1. Use Hickok Adapter Model 1704. Set adapter selectors to 4-3-2.	NEL
Pentode #2. Use Hickok Adapter Model 1704. Set adapter selectors to 0-0-8.	NEL
Top cap connects to plate. Side cap connects to grid.	DJN
	NEL
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Rectifier Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3

	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Pentode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connecte to plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	NEL
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode #1.	TB 11-6625-274-12/1 w/ C3
Pentode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Short Test Only!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Best seen = 100.	DJN
Best seen = 100.	DJN
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	NEL
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	NEL
Pentode #1.	TB 11-6625-274-12/1 w/ C3
Pentode #2.	TB 11-6625-274-12/1 w/ C3

	NEL
	NEL
	NEL
	TB 11-6625-274-12/1 w/ C3
	NEL
	TB 11-6625-274-12/1 w/ C3
Cap=Plate. Use Hickok Adapter Model 1704. Make LINE TEST at 56. Set adapter selectors to 0-0-6.	NEL
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Make line test at 56.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
Plate #1. Use adapter E105.	NEL
Plate #2. Use adapter E105.	NEL
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	NEL
	TB 11-6625-274-12/1 w/ C3
Triode #1. Right cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Triode #2. Left cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	NEL
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Best seen = 58. Connect cap to plate.	DJN
Short on 1, 2, 3, 4, and 5.	TB 11-6625-274-12/1 w/ C3
Rectifier Section.	TB 11-6625-274-12/1 w/ C3
Short on 1, 2, 3, 4, and 5.	TB 11-6625-274-12/1 w/ C3
Rectifier Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Short on 1, 2, 3, 4, and 5.	TB 11-6625-274-12/1 w/ C3
Rectifier Section.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	NEL
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3

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Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	DJN
	DJN
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Short on 1, 2, 3, 4, and 5.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Short on 1, 2, 3, 4, and 5.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Short on 1, 2, 3, 4, and 5.	TB 11-6625-274-12/1 w/ C3
	NEL
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Short on 1, 2, 3, 4, and 5.	NEL
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	NEL
Cap connects to plate.	NEL
Triode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	NEL
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid #1.	NEL
Cap connects to grid #1.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid #1.	NEL
Cap connects to grid #1.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	NEL
	TB 11-6625-274-12/1 w/ C3
Left cap is the plate.	NEL
Right cap is the plate.	NEL
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	NEL
	NEL
	NEL
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	NEL
	NEL
	NEL
	TB 11-6625-274-12/1 w/ C3
Pentode Section. Cap connects to grid.	NEL
Diode #1.	NEL

Diode #2.	NEL
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	NEL
Pentode Section. Cap connects to grid.	NEL
Triode Section.	NEL
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Rectifier Section. Hold down pushbutton 8-METER REV. and press pushbutton 7-RECT.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Rectifier Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	NEL
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	NEL
Plate #1.	NEL
Plate #2.	NEL
Right cap = plate. Left cap = grid. Best seen = 68.	DJN
Triode Section. Cap connects to grid.	NEL
Diode #1.	NEL
Diode #2.	NEL
Triode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	NEL
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	NEL
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid #1.	NEL
Cap connects to grid #1.	TB 11-6625-274-12/1 w/ C3
Triode #1. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	NEL
Plate #2.	NEL
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	NEL
Plate #2.	NEL
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	NEL
Plate #2.	NEL

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	NEL
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Rectifier Section.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Rectifier Section.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Rectifier Section. Hold down pushbutton 8-METER REV. and press pushbutton 7-RECT.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Rectifier Section. Hold down pushbutton 8-METER REV. and press pushbutton 7-RECT.	TB 11-6625-274-12/1 w/ C3
Will show shorts on 1-5.	DJN
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1. Use adapter E105.	NEL
Plate #2. Use adapter E105.	NEL
Cap connects to plate.	NEL
Cap connects to plate.	NEL
	NEL
	NEL
	NEL
Plate #1.	NEL
Plate #2.	NEL
Plate #1.	NEL
Plate #2.	NEL
Plate #1.	NEL
Plate #2.	NEL
	NEL
Hexode Section. Cap connects to grid #3 hexode..	NEL
Triode Section.	NEL
Triode Section.	NEL
Diode #1.	NEL
Diode #2.	NEL
	NEL
	NEL
	NEL
Cap connects to plate.	NEL
	NEL
Eye Open.	NEL
Eye Closed.	NEL
	NEL
Cap connects to plate.	NEL
Plate #1.	NEL
Plate #2.	NEL
Cap connects to grid.	NEL
Cap connects to grid number 4.	NEL
Pentode Section.	NEL

Triode Section. Cap connects to grid.	NEL
Diode Section.	NEL
Pentode Section. Cap connects to grid #1. Short on 3. Do not tap on tube while testing!	NEL
Triode Section. Short on 3. Do not tap on tube while testing!	NEL
Diode Section. Short on 3. Do not tap on tube while testing!	NEL
Short Test Only!	NEL
	NEL
Short Test Only!	NEL
	NEL
Cap connects to grid #4.	NEL
Cap connects to grid #4.	NEL
	NEL
	NEL
Pentode Section. Cap connects to grid #1.	NEL
Diode #1.	NEL
Diode #2.	NEL
Cap connects to plate.	NEL
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Short Test Only!	NEL
	NEL
	NEL
Triode #1.	NEL
Triode #2. Cap connects to grid.	NEL
	NEL
Cap connects to plate.	NEL
Hexode Section. Cap connects to grid.	NEL
Triode Section.	NEL
Hexode Section. Cap connects to grid.	NEL
Triode Section.	NEL
	NEL
Pentode Section. Cap connects to grid #1.	NEL
Diode #1.	NEL
Diode #2.	NEL
Cap connects to grid.	NEL
Do not tap on tube while testing!	NEL
Pentode Section. Do not tap on tube while testing!	NEL
Diode Section. Do not tap on tube while testing!	NEL
	NEL
Do not tap on tube while testing!	NEL
	NEL
	NEL
Triode Section. Do not tap on tube while testing!	NEL

Diode Section. Do not tap on tube while testing!	NEL
Short Test Only! Do not tap on tube while testing!	NEL
Do not tap on tube while testing!	NEL
Do not tap on tube while testing!	NEL
	NEL
Plate #1.	NEL
Plate #2.	NEL
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1. Do not tap on tube while testing!	NEL
Triode #2. Do not tap on tube while testing!	NEL
	TB 11-6625-274-12/1 w/ C3
Diode.	NEL
	TB 11-6625-274-12/1 w/ C3
	NEL
Do not tap on tube while testing!	NEL
Triode Section.	NEL
Diode #1.	NEL
Diode #2.	NEL
Triode #1.	NEL
Triode #2.	NEL
	NEL
	NEL
	NEL
Heptode Section.	NEL
Triode Section.	NEL
Plate #1.	NEL
Plate #2.	NEL
Plate #1.	NEL
Plate #2.	NEL
Plate #1.	NEL
Plate #2.	NEL
	NEL
	NEL
	NEL
	NEL
	NEL
	NEL
	NEL
Top cap connects to plate. Side cap connects to grid.	NEL
Triode Section	NEL
Diode #1.	NEL
Diode #2.	NEL
	TB 11-6625-274-12/1 w/ C3
Plate #1.	NEL
Plate #2.	NEL
Triode #1.	NEL
Triode #2.	NEL

Short Test Only!	NEL
	NEL
	NEL
Do not tap on tube while testing!	NEL
	NEL
	NEL
	NEL
Diode #1.	NEL
Diode #2.	NEL
Eye Open.	NEL
Eye Closed.	NEL
Cap connects to plate.	NEL
Cap connects to plate.	NEL
	NEL
Should strike between settings 82 and 72 of the BIAS dial.	NEL
Triode Section. Cap connects to grid.	NEL
Diode Section.	NEL
Triode #1. Right cap connects to plate.	NEL
Triode #2. Left cap connects to plate.	NEL
Cap connects to plate.	NEL
Triode #1.	NEL
Triode #2.	NEL
Cap connects to plate.	NEL
Triode #1.	NEL
Triode #2.	NEL
	TB 11-6625-274-12/1 w/ C3
Right cap connects to plate. Left cap connects to grid.	NEL
Triode Section.	NEL
Diode #1.	NEL
Diode #2.	NEL
Cap connects to plate.	NEL
	NEL
Cap connects to plate.	NEL
	NEL
	NEL
Diode	NEL
Plate #1.	NEL
Plate #2.	NEL
	TB 11-6625-274-12/1 w/ C3
Should strike between settings 43 and 33 of the BIAS dial.	NEL
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	NEL
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Rectifier Section.	TB 11-6625-274-12/1 w/ C3
Turn bias up. Should strike at 80.	DJN
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3

Plate #1. Use adapter E105.	NEL
Plate #2. Use adapter E105.	NEL
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	NEL
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	NEL
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	NEL
Triode #1.	NEL
Triode #2.	NEL
	NEL
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Best seen = 80.	DJN
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Plate #1. Use adapter E105.	NEL
Plate #2. Use adapter E105.	NEL
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Pentode #1. Right cap connects to plate.	NEL
Pentode #2. Left cap connects to plate. Short on 3.	NEL
	NEL
Triode #1.	NEL
Triode #2.	NEL
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Triode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	NEL
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3

	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Should strike between settings 50 and 40 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Plate #1.	DJN
Plate #2.	DJN
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Triode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Requires Special socket.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Diode.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.Should strike between settings 36 and 26 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Short on 2 and 3.	DJN
Short on 2 and 3.	NEL
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
TV-7/U, TV-7A/U, TV-7B/U, and TV-7C/U ONLY!	DJN
TV-7D/U ONLY!	DJN
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3

Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate. Ring connects to grid.	NEL
Cap connects to plate. Ring connects to grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Should strike between settings 80 and 70 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
	NEL
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Section #1.	TB 11-6625-274-12/1 w/ C3
Section #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Should strike between settings 80 and 70 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Diode. Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3

	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
TV-7/U, TV-7A/U, TV-7B/U, and TV-7C/U ONLY! Use adapter E107.	NEL
TV-7D/U ONLY! Use adapter E107	NEL
Cap connects to plate. Best seen = 56.	DJN
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Diode.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	NEL
	NEL
	TB 11-6625-274-12/1 w/ C3
F basing.	NEL
Should strike between settings of 37 and 27 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
	NEL
Diode.	NEL
Tetrode #1.	NEL
Tetrode #2.	NEL
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	NEL
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Best seen = 40. Plate to top cap. Grid to side.	DJN
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Pentode #1. Right cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Pentode #2. Left cap connects to plate. Short on 3.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
E basing.	TB 11-6625-274-12/1 w/ C3
E basing. Top lead connects to plate.	TB 11-6625-274-12/1 w/ C3
Best seen = 60.	DJN
Plate #1. Use adapter E105.	TB 11-6625-274-12/1 w/ C3
Plate #2. Use adapter E105.	TB 11-6625-274-12/1 w/ C3
Best seen = 70. Plate top top cap.	DJN
Plate #1. Use adapter E105.	TB 11-6625-274-12/1 w/ C3
Plate #2. Use adapter E105.	TB 11-6625-274-12/1 w/ C3
Near cap connects to grid. Far cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3

	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	T.O. 33AA21-5-31M
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	DJN
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Should strike between settings 82 and 72 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
Should strike between settings 82 and 72 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
C basing.	TB 11-6625-274-12/1 w/ C3
E basing. Top lead connects to plate.	TB 11-6625-274-12/1 w/ C3
A basing. Diode.	TB 11-6625-274-12/1 w/ C3
E basing.	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
F basing. Should strike between settings 80 and 70 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
F basing.	NEL
F basing.	TB 11-6625-274-12/1 w/ C3
B basing.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
F basing. Triode #1.	TB 11-6625-274-12/1 w/ C3
F basing. Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Top lead connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
D basing.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
F basing.	NEL
F basing.	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
F basing.	NEL
F basing.	NEL
F basing.	NEL
F basing.	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
Grid #1.	TB 11-6625-274-12/1 w/ C3
Grid #2.	TB 11-6625-274-12/1 w/ C3

Plate #1. Hold down pushbutton 6-0Z4 for 5 seconds.	TB 11-6625-274-12/1 w/ C3
Plate #2. Hold down pushbutton 6-0Z4 for 5 seconds.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
D basing.	TB 11-6625-274-12/1 w/ C3
Grid #1.	NEL
Grid #3.	NEL
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	NEL
	TB 11-6625-274-12/1 w/ C3
Right cap connects to plate. Left cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Diode.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Tetrode #1.	TB 11-6625-274-12/1 w/ C3
Tetrode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1. Short on 1, 2, 3, 4, and 5.	TB 11-6625-274-12/1 w/ C3
Plate #2. Short on 1, 2, 3, 4, and 5.	TB 11-6625-274-12/1 w/ C3
F basing. Top lead connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate. Short on 3.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
Triode #2. Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Diode.	TB 11-6625-274-12/1 w/ C3
Do not tap on tube while testing!	TB 11-6625-274-12/1 w/ C3
E basing. Top lead connects to plate.	NEL
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Best seen = 51.	DJN
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3

Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Pin grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	DJN
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Eye Open.	TB 11-6625-274-12/1 w/ C3
Eye Closed.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Left cap is the plate.	TB 11-6625-274-12/1 w/ C3
Right cap is the plate.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Pentode #1.	TB 11-6625-274-12/1 w/ C3
Pentode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Should strike between settings 43 and 33 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Should strike between settings 43 and 33 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
Should strike between settings 43 and 33 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	NEL
Triode Section.	NEL
Triode #1.	NEL
Triode #2.	NEL

Cap connects to plate. Short on 3.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
E basing. Top lead connects to plate.	TB 11-6625-274-12/1 w/ C3
E basing. Top lead connects to plate.	TB 11-6625-274-12/1 w/ C3
F basing. Triode #1.	TB 11-6625-274-12/1 w/ C3
F basing. Triode #2.	TB 11-6625-274-12/1 w/ C3
Grid #1.	TB 11-6625-274-12/1 w/ C3
Grid #3.	TB 11-6625-274-12/1 w/ C3
C basing.	TB 11-6625-274-12/1 w/ C3
E basing.	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
B basing.	TB 11-6625-274-12/1 w/ C3
Top lead connects to plate.	TB 11-6625-274-12/1 w/ C3
F basing. Should strike between settings 80 and 70 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
D basing.	TB 11-6625-274-12/1 w/ C3
D basing.	TB 11-6625-274-12/1 w/ C3
A basing. Diode.	TB 11-6625-274-12/1 w/ C3
TV-7/U, TV-7A/U, TV-7B/U, and TV-7C/U ONLY! Use adapter E107.	NEL
TV-7D/U ONLY! Use adapter E107	NEL
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Tetrode #1.	TB 11-6625-274-12/1 w/ C3
Tetrode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section. Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Should strike between settings 40 and 30 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
Should strike between settings 80 and 70 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3

	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Unit #1.	TB 11-6625-274-12/1 w/ C3
Unit #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Should strike between settings 80 and 70 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Diode.	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Amplifier Section.	TB 11-6625-274-12/1 w/ C3
Oscillator Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Should strike between settings 40 and 30 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Short Test Only!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Short on 1, 2, 3, 4, and 5.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3

Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
TV-7/U, TV-7A/U, TV-7B/U, and TV-7C/U ONLY!	TB 11-6625-274-12/1 w/ C3
TV-7D/U ONLY!	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Short on 2 and 3.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	NEL
	TB 11-6625-274-12/1 w/ C3
<<<<< MISSING DATA	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
F basing. Plate #1.	TB 11-6625-274-12/1 w/ C3
F basing. Plate #2.	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
F basing. Plate #1.	TB 11-6625-274-12/1 w/ C3
F basing. Plate #2.	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Amplifier Section.	TB 11-6625-274-12/1 w/ C3
Oscillator Section.	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Short Test Only!	NEL
	NEL
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3

Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Leads = 1-3-4-5.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Left cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Right cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	NEL
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Should strike between settings 40 and 30 of the BIAS dial.	TB 11-6625-274-12/1 w/ C3
F basing. Triode #1.	TB 11-6625-274-12/1 w/ C3
F basing. Triode #2.	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
F basing. Plate #1.	TB 11-6625-274-12/1 w/ C3
F basing. Plate #2.	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
	NEL
Triode #1.	NEL
Triode #2.	NEL
If short indication is obtained on positions 1,2,3, and 5 on shorts test, use the following selector settings: EV1-7839. All other settings remain the same.	NEL
	NEL
Plate #1.	NEL
Plate #2.	NEL
	NEL
Triode Section.	NEL
Diode #1.	NEL
Diode #2.	NEL
Triode #1.	NEL
Triode #2.	NEL
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3

Short on 1, 2, 3, 4, and 5.	DJN
Short on 1, 2, 3, 4, and 5.	DJN
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	NEL
	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
F basing. Diode #1.	TB 11-6625-274-12/1 w/ C3
F basing. Diode #2.	TB 11-6625-274-12/1 w/ C3
F basing. Triode #1.	TB 11-6625-274-12/1 w/ C3
F basing. Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section. Cap connects to grid.	NEL
Diode #1.	NEL
Diode #2.	NEL
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
F basing. Diode #1.	TB 11-6625-274-12/1 w/ C3
F basing. Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	NEL

Triode #2.	NEL
	TB 11-6625-274-12/1 w/ C3
	NEL
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
F basing.	TB 11-6625-274-12/1 w/ C3
Tetrode #1. Use adapter E105.	TB 11-6625-274-12/1 w/ C3
Tetrode #2. Use adapter E105.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	NEL
Plate #2.	NEL
	NEL
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	NEL
	T.O. 33AA21-5-31C
	NEL
Triode #1.	T.O. 33AA21-5-31T
Triode #2.	T.O. 33AA21-5-31T
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Eye 1 open. Eye 2 closed.	TB 11-6625-274-12/1 w/ C3
Eye 2 open. Eye 1 closed.	TB 11-6625-274-12/1 w/ C3
Tetrode #1. Connect the negative (-) end of a 30-volt battery to pin #1 of the loktal test socket. Connect the positive (+) end of the 30-volt battery to pin #2 of the loktal test socket. CAUTION:Disconnect battery before changing selector switch positions!	T.O. 33AA21-5-31S

Tetrode #2. Connect the negative (-) end of a 30-volt battery to pin #3 of the loktal test socket. Connect the positive (+) end of the 30-volt battery to pin #2 of the loktal test socket. CAUTION: Disconnect battery before changing selector switch positions!	T.O. 33AA21-5-31S
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
	T.O. 33AA21-5-31J
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Make no gas test!	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	NEL
	NEL
Make no gas test!	TB 11-6625-274-12/1 w/ C3
Cap above octal pins 2 and 3 connets to plate. Connect the negative (-) end of a 30-volt battery to pin #2 of the loktal test socket. Connect the positive (+) end of the 30-volt battery to pin #4 of the loktal test socket. CAUTION: Disconnect battery before changing selector switch positions!	TB 11-6625-274-12/1 w/ C3
Triode #1.	NEL
Triode #2.	NEL
	T.O. 33AA21-5-31G
	TB 11-6625-274-12/1 w/ C3
Make no gas test!	TB 11-6625-274-12/1 w/ C3
Short on 1, 2, 3, 4, and 5.	DJN
Short on 1, 2, 3, 4, and 5.	DJN
Make no gas test!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	NEL
	TB 11-6625-274-12/1 w/ C3
	NEL
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3

Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Use Hickok adapter Code # 1050-107. Cap above octal pins 2 & 3 connects to plate. Connect negative (-) end of a 30 bolt battery to pin 2 of the loctal socket. Connect positive (+) end to pin 4 of the loctal socket. CAUTION:Disconnect battery before changing selector switch positions!	T.O. 33AA21-5-31G
Use Hickok adapter Code # 1050-107. Cap above octal pins 6 & 7 connects to plate. Connect negative (-) end of a 30 bolt battery to pin 6 of the loctal socket. Connect positive (+) end to pin 4 of the loctal socket. CAUTION:Disconnect battery before changing selector switch positions!	T.O. 33AA21-5-31G
Plate #1.	NEL
Plate #2.	NEL
Triode #1.	NEL
Triode #2.	NEL
	T.O. 33AA21-5-31C
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	T.O. 33AA21-5-31P
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	NEL
Triode #2.	NEL
Tetrode #1. Use adapter E105.	TB 11-6625-274-12/1 w/ C3
Tetrode #2. Use adapter E105.	TB 11-6625-274-12/1 w/ C3
Triode #1.	NEL
Triode #2.	NEL
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3

Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	NEL
Triode #2.	NEL
	NEL
Tetrode #1. Connect the negative (-) end of a 30-volt battery to pin #3 of the octal test socket. Connect the positive (+) end of the 30-volt battery (Everyready #413) to pin #2 of the octal test socket for each test. CAUTION: Disconnect battery before changing selector switch positions!	TB 11-6625-274-12/1 w/ C3
Tetrode #2. Connect the negative (-) end of a 30-volt battery to pin #3 of the octal test socket. Connect the positive (+) end of the 30-volt battery (Everyready #413) to pin #2 of the octal test socket for each test. CAUTION: Disconnect battery before changing selector switch positions!	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid #1.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Amplifier Section.	TB 11-6625-274-12/1 w/ C3
Oscillator Section.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	NEL

Triode #2.	NEL
Triode #1	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	NEL
	TB 11-6625-274-12/1 w/ C3
Upper cap connects to grid. Lower cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	NEL
Typical value = 90.	DJN
Typical value = 60.	DJN
Typical value = 60.	DJN
Triode #1.	NEL
Triode #2.	NEL
Gas test not reliable. Do not perform.	NEL
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
TV-7/U, TV-7A/U, TV-7B/U, and TV-7C/U ONLY! Use adapter E107.	T.O. 33AA21-5-31P
TV-7D/U ONLY! Use adapter E107	T.O. 33AA21-5-31P
Triode #1.	T.O. 33AA21-5-31M
Triode #2.	T.O. 33AA21-5-31M
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	NEL
Triode #2.	NEL
Short on 1, 2, 3, and 5.	NEL
	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	NEL
Connect pin 1 to pin 8 and pin 6 to pin 7 on octal socket.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	NEL
Triode #2.	NEL
Triode #1.	NEL
Triode #2.	NEL
If short indication is obtained on positions 2 and 3 on shorts test, use the following selector settings: EV2-7831. All other settings remain the same.	NEL
Top cap = plate. Best seen = 80.	DJN
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3

	TB 11-6625-274-12/1 w/ C3
Use Hickok adapter Code # 1050-127.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate. Use Hickok adapter Code # 1050-127.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Diode #1.	NEL
Diode #2.	NEL
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	NEL
	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Pentode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Pentode Section.	NEL
Triode Section.	NEL
	NEL
	TB 11-6625-274-12/1 w/ C3
	NEL
	NEL
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3

Plate #1. Use Hickok adapter Code # 1050-107. Connect the negative (-) end of a 30-volt battery to pin #2 of the large 7-pin socket; connect the positive end (+) of the battery to pin 4 of the large 7-pin socket. Connect the plate jack connector to the cap over pin-6 of the octal socket. Caution: Disconnect the battery (Everyready #413) before changing selector settings!	T.O. 33AA21-5-31P
Plate #2. Use Hickok adapter Code # 1050-107. Connect the negative (-) end of a 30-volt battery to pin #6 of the large 7-pin socket; connect the positive end (+) of the battery to pin 4 of the large 7-pin socket. Connect the plate jack connector to the cap over pin-3 of the octal socket. Caution: Disconnect the battery (Everyready #413) before changing selector settings!	T.O. 33AA21-5-31P
Triode #1.	NEL
Triode #2.	NEL
Use Hickok adapter Code # 1050-144.	T.O. 33AA21-5-31G
Triode #1.	T.O. 33AA21-5-31G
Triode #2.	T.O. 33AA21-5-31G
Use Hickok adapter Code # 1050-127.	TB 11-6625-274-12/1 w/ C3
Triode #1.	NEL
Triode #2.	NEL
	T.O. 33AA21-5-31H
Use Hickok Adapter Model 1704. Set adapter selectors to 5-0-4.	T.O. 33AA21-5-31G
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
Typical value of 57. Higher cap = plate. Lower cap = grid.	DJN
Cap connects to plate.	TB 11-6625-274-12/1 w/ C3
New tubes typically read 42 to 45. Cap = plate.	DJN
	TB 11-6625-274-12/1 w/ C3
Diode #1.	NEL
Diode #2.	NEL
	NEL
Triode #1.	NEL
Triode #2.	NEL
	NEL
	NEL
	NEL
	NEL
Triode #1.	NEL
Triode #2.	NEL
	NEL

Should strike between settings 40 and 30 of the BIAS dial.	NEL
Diode #1.	NEL
Diode #2.	NEL
	NEL
Cap connects to plate.	NEL
	NEL
Use Hickok adapter Code # 1050-127.	NEL
	NEL
	NEL
Pentode Section.	NEL
Triode Section.	NEL
Triode Section.	NEL
Diode #1.	NEL
Diode #2.	NEL
	NEL
Pentode Section.	NEL
Triode Section.	NEL
	T.O. 33AA21-5-31K
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Diode.	TB 11-6625-274-12/1 w/ C3
Diode.	TB 11-6625-274-12/1 w/ C3
Diode.	TB 11-6625-274-12/1 w/ C3
	NEL
	NEL
Triode #1.	NEL
Triode #2.	NEL
Cap connects to grid.	NEL
Cap connects to grid.	NEL
	NEL
	NEL
	NEL
Cap connects to grid.	NEL
Cap connects to grid.	NEL
	NEL
Cap connects to grid.	NEL
Cap connects to grid.	NEL
Cap connects to grid.	NEL
	NEL
Cap connects to grid.	NEL
Cap connects to grid.	NEL
	NEL
	NEL
	NEL
	NEL
	NEL
	NEL
Triode #1.	NEL
Triode #2.	NEL

	NEL
Cap connects to grid #1.	NEL
Cap connects to grid #1.	NEL
	NEL
	NEL
	NEL
Triode Section. Cap connects to grid.	NEL
Diode #1.	NEL
Diode #2.	NEL
	NEL
Cap connects to grid.	NEL
Cap connects to grid #1.	NEL
Triode Section. Cap connects to grid.	NEL
Diode #1.	NEL
Diode #2.	NEL
Cap connects to grid.	NEL
	NEL
	NEL
	NEL
	TB 11-6625-274-12/1 w/ C3
	NEL
Cap connects to plate.	NEL
Cap connects to plate.	NEL
Cap connects to plate.	NEL
Cap connects to plate.	NEL
	NEL
Plate #1.	NEL
Plate #2.	NEL
Plate #1.	NEL
Plate #2.	NEL
Plate #1.	NEL
Plate #2.	NEL
	NEL
	NEL
	NEL
Triode #1.	NEL
Triode #2. Cap connects to grid.	NEL
Cap connects to grid number 4.	NEL
	NEL
Plate #1.	NEL
Plate #2.	NEL
Cap connects to plate.	NEL
	NEL
	NEL
	NEL
Diode #1.	NEL
Diode #2.	NEL
	NEL
Plate #1.	NEL
Plate #2.	NEL
Triode #1.	NEL

Triode #2.	NEL
Cap connects to grid #4.	NEL
Cap connects to grid #4.	NEL
Pentode Section. Cap connects to grid.	NEL
Diode #1.	NEL
Diode #2.	NEL
Cap connects to grid.	NEL
Cap connects to grid.	NEL
Pentode Section. Cap connects to grid.	NEL
Triode Section.	NEL
Cap connects to plate.	NEL
Cap connects to plate.	NEL
Cap connects to plate.	NEL
	NEL
Should strike between settings 82 and 72 of the BIAS dial.	NEL
Cap connects to plate.	NEL
	NEL
Cap connects to plate.	NEL
	NEL
Cap connects to plate.	NEL
	NEL
Plate #1.	NEL
Plate #2.	NEL
Plate #1.	NEL
Plate #2.	NEL
	DJN
	DJN
	DJN
	NEL
	NEL
	NEL
	NEL
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Short Position 2 - Time with watch	DJN
Short Position 2 - Time with watch	DJN

7-7B/U, TV-7C/U, and TV-7D/U Tube Testers

an E. Lee (nlee@acadiacom.net)

heet!

"CV" Tube Data for use with TV-7/U, TV-7A/U,

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Notes:

- 1: Some of these tubes require special adapters to be used to test the tube. I
- 2: If the # symbol is listed in the Press column, it means that you hold down

Tube Type	Fil. Voltage	Selector Positions	Bias	Shunt	Range	Press to Test	Minimum Value
CV32	3,0	ER0-0000	0	67	A	7	40
CV37	1,5	HS0-3400	11	-	B	3	19
CV51	6,3	CX8-4050	0	100	A	3	-
CV51	6,3	CX8-4350	0	100	A	3	-
CV54	4,3	DU0-0000	-	30	A	7	40
CV65	2,0	BY5-3400	22	-	C	3	35
CV73	4,3	FU2-0760	40	-	C	3	50
CV131	6,3	DU1-5726	17	-	B	3	40
CV132	-	-	-	-	-	-	-
CV133	6,3	ET6-1070	24	-	B	3	55
CV136	6,3	DU1-5720	23	-	C	3	45
CV137	6,3	DU6-7050	16	-	B	3	60
CV137	6,3	DU0-1020	-	75	A	2	40
CV138	6,3	DU1-5726	11	-	C	3	50
CV140	6,3	ET0-2050	-	70	A	2	40
CV140	6,3	ET0-7010	-	70	A	2	40
CV144	6,3	HS4-5613	0	-	D	3	20
CV144	6,3	HS4-8613	0	-	D	3	20
CV155	6,3	HS5-3080	27	-	B	3	38
CV170	12,6	HY2-6431	0	-	B	3	50
CV170	12,6	HY0-5036	0	14	A	2	40
CV173	6,3	BV7-3264	17	-	D	3	40
CV181	6,3	HY1-2030	16	-	B	3	65
CV181	6,3	HY4-5060	16	-	B	3	65
CV183	2,5	HR3-2400	28	-	B	#	38
CV205	6,3	HS5-3480	33	-	D	3	30
CV207	6,3	HS4-8651	10	-	D	3	30
CV208	6,3	HS5-3481	23	-	D	3	40
CV239	6,3	GR5-4030	0	100	A	3	-
CV239	6,3	GR5-4230	0	100	A	3	-
CV275	5,0	ER0-3000	0	47	A	7	40
CV275	5,0	ER0-2000	0	42	A	7	40
CV278	6,3	HY4-5062	23	-	B	3	50
CV278	6,3	HY1-2035	23	-	B	3	50
CV283	6,3	ET0-7010	0	70	A	2	40
CV283	6,3	ET0-2050	0	70	A	2	40
CV287	OFF	AP0-4020	-	55	A	4	40
CV309	6,3	BV7-2464	44	-	B	3	60
CV329	6,3	ET1-5726	14	-	B	3	29
CV345	6,3	CX5-0480	42	-	D	3	30
CV378	5,0	CY0-4000	-	70	A	7	40

CV378	5,0	CY0-6000	-	70	A	7	40
CV391	-	-	-	-	-	-	-
CV399	4,3	DU2-1050	16	-	C	3	30
CV428	6,3	BY6-0320	30	-	C	3	30
CV431	OFF	AP0-2040	-	80	A	4	40
CV465	6,3	DW1-5724	17	-	D	3	22
CV466	6,3	DW1-4572	22	-	D	3	21
CV468	6,3	CT1-8070	28	-	D	3	28
CV469	6,3	MU0-2030	-	68	A	2	40
CV473	6,3	DW0-2050	-	40	A	7	40
CV475	6,3	DW1-5728	17	-	C	3	26
CV523	12,6	DU0-1050	-	40	A	2	40
CV523	12,6	DU0-2050	-	40	A	2	40
CV569	6,3	HY4-5062	0	-	B	3	32
CV569	6,3	HY1-2035	0	-	B	3	32
CV686	-	HP0-5020	0	60	A	4	40
CV826	4,3	EV0-7360	13	-	B	3	30
CV826	4,3	EV2-1060	13	-	B	3	35
CV1037	4,3	DU2-1050	16	-	C	3	30
CV1039	4,3	DU0-1000	-	60	A	7	40
CV1039	4,3	DU0-2000	-	60	A	7	40
CV1040	4,3	ET2-1000	18	-	D	3	30
CV1052	6,3	HS0-3480	22	-	C	3	50
CV1053	6,3	CX0-3485	30	-	B	3	40
CV1054	6,3	CX0-5080	-	24	A	2	40
CV1054	6,3	CX0-3040	-	24	A	2	40
CV1055	6,3	CX0-3080	21	-	B	3	50
CV1055	6,3	CX0-4080	-	14	A	2	40
CV1055	5,3	CX0-5080	-	14	A	2	40
CV1056	6,3	CX5-3485	19	-	B	3	38
CV1064	4,3	DU0-2000	-	40	A	7	40
CV1064	4,3	DU0-3000	-	40	A	7	40
CV1065	6,3	BY0-3425	10	-	D	3	35
CV1067	6,3	CX5-3080	22	-	C	3	40
CV1071	5,0	JS0-6000	0	47	A	7	40
CV1071	5,0	JS0-4000	0	42	A	7	40
CV1072	4,3	ET0-0000	-	55	A	7	40
CV1073	6,3	HS0-4081	12	-	B	3	25
CV1075	6,3	CX5-3480	12	-	D	3	40
CV1078	4,3	BT0-8020	-	60	A	7	40
CV1083	2,0	EV2-0713	0	-	B	#	20
CV1091	6,3	BV7-3268	8	-	C	3	40
CV1092	6,3	BT0-8020	-	60	A	7	40
CV1099	6,3	HS5-3486	11	-	B	3	25
CV1099	6,3	HS5-6483	0	-	C	3	30
CV1100	6,3	CX0-3480	25	-	C	3	45

CV1101	6,3	HS0-3080	22	-	D	3	16
CV1101	6,3	HS0-4080	-	15	A	2	40
CV1101	6,3	HS0-5080	-	40	A	2	40
CV1102	6,3	HS5-6080	37	-	C	3	40
CV1102	6,3	HS0-3040	37	-	C	3	40
CV1103	6,3	CX8-4050	0	100	A	3	-
CV1103	6,3	CX8-4350	0	100	A	3	-
CV1111	4,3	DU0-0000	-	10	A	7	20
CV1113	4,3	DU0-0000	-	0	A	7	40
CV1122	4,3	DU2-1050	16	-	D	3	35
CV1136	6,3	BV6-2385	15	-	C	3	40
CV1137	6,3	BV2-4030	14	-	C	3	55
CV1164	4,3	DU2-0155	18	-	B	3	62
CV1169	4,3	EV2-0763	20	-	B	3	45
CV1170	4,3	DU0-1050	-	35	A	2	40
CV1171	4,3	British Acorn 5-Pin	0	-	C	3	30
CV1173	4,3	DU2-1050	11	-	C	3	30
CV1193	6,3	HS5-3486	11	-	B	3	25
CV1193	6,3	HS5-6483	0	-	C	3	30
CV1197	6,3	BT5-8020 Special Base	13	-	C	3	40
CV1198	4,3	DU2-0050	16	-	D	3	35
CV1264	4,3	DU0-1000	-	60	A	7	40
CV1285	6,3	HS5-6083	12	-	B	3	38
CV1285	6,3	HS4-3086	12	-	B	3	38
CV1290	2,0	DU0-0000	-	82	A	4	40
CV1300	12,6	DU0-1050	-	40	A	2	40
CV1300	12,6	DU0-2050	-	40	A	2	40
CV1306	2,0	BY0-3000	21	-	B	3	30
CV1306	2,0	BY0-7000	-	20	A	2	40
CV1306	2,0	BY0-5000	-	20	A	2	40
CV1321	12,6	EV0-2763	19	-	B	3	35
CV1326	4,3	EV2-7360	23	-	D	3	35
CV1331	2,0	BY0-3405	25	-	B	3	15
CV1347	6,3	HS5-3486	11	-	B	3	25
CV1347	6,3	HS5-6483	0	-	C	3	30
CV1456	35,0	BY5-3426	0	-	D	3	25
CV1457	12,6	BY0-3425	12	-	C	3	40
CV1510	6,3	BY7-2368	39	-	C	-	40
CV1574	4,3	JR0-3452	12	-	D	3	25
CV1581	6,3	HS5-3486	16	-	C	3	18
CV1581	6,3	HS5-6483	26	-	C	3	16
CV1865	6,3	FU1-8030	22	-	C	3	42
CV1989	6,3	ET0-2050	-	70	A	2	40
CV2128	6,3	FU2-6137	11	-	C	3	25
CV2128	6,3	FU9-8030	21	-	C	-	36
CV2135	6,3	FU2-7839	24	0	B	3	28
CV2220	12,6	BY5-2360	33	-	C	3	48
CV2243	6,3	EV2-7839	19	-	D	3	30

CV4010	6,3	ET1-5620	10	-	D	3	22
CV4040	6,3	ET1-5720	32	0	C	3	42
CV4061	1,5	ER0-0000	0	51	A	4	40
CV4062	6,3	ET1-5722	32	0	D	3	28
E810F	6,3	EV2-7938	29	-	C	3	50
ECC34	6,3	JX1-2030	35	-	C	3	35
ECC34	6,3	JX4-5060	35	-	C	3	35

End of 5

TV-7B/U, TV-7C/U, and TV-7D/U Tube Testers

Nolan E. Lee (nlee@acadiacom.net)

July 5, 2002

If you have specific info on these, let me know.

DIODE and then press the MUT.COND. button.

Notations	Settings Data Source
Cap Connects to Plate.	Nolan
Cap connects to grid.	Nolan
Eye Open.	TB 11-6625-274-12/1 w/ C3
Eye Closed.	TB 11-6625-274-12/1 w/ C3
Cap connects to Plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
No Settings Listed.	TB 11-6625-274-12/1 w/ C3
	Nolan
	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Plate #1. Use E105 adapter.	Nolan
Plate #2. Use E105 adapter.	Nolan
	Nolan
Pentode Section.	Nolan
Diode Section.	Nolan
	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
	Nolan
	Nolan
	Nolan
	Nolan
Eye Open.	Nolan
Eye Closed.	Nolan
Plate #1.	Nolan
Plate #2.	Nolan
Triode #1.	Nolan
Triode #2.	Nolan
Diode #1.	Nolan
Diode #2.	Nolan
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to Plate.	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3

Plate #2.	TB 11-6625-274-12/1 w/ C3
No Settings Listed.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Use Stark EC adapter. Cap connects to Plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Use flying lead adapter E104.	TB 11-6625-274-12/1 w/ C3
Use flying lead adapter E104.	TB 11-6625-274-12/1 w/ C3
Use flying lead adapter E104.	TB 11-6625-274-12/1 w/ C3
Use flying lead adapter E104.	TB 11-6625-274-12/1 w/ C3
Use flying lead adapter E104.	TB 11-6625-274-12/1 w/ C3
Use flying lead adapter E104.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	Nolan
Triode #2.	Nolan
	Nolan
	Nolan
	Nolan
Cap connects to Grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to Grid #1.	TB 11-6625-274-12/1 w/ C3
Cap connects to Grid #1.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode Section. Cap connects to Grid #1.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	TB 11-6625-274-12/1 w/ C3
Plate #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to Grid #1.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Plate #1.	Nolan
Plate #2.	Nolan
Use adapter for British types.	TB 11-6625-274-12/1 w/ C3
Cap connects to Grid.	Nolan
	TB 11-6625-274-12/1 w/ C3
Use Stark ED adapter. Place lead to top pin. Cap connects to Plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Use Stark ED adapter. Place lead to top pin.	TB 11-6625-274-12/1 w/ C3
Hexode Section. Cap connects to Grid.	Nolan
Triode Section.	Nolan
Cap connects to Grid #1.	TB 11-6625-274-12/1 w/ C3

Top cap connects to Grid. Triode Section.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Triode #1.	TB 11-6625-274-12/1 w/ C3
Top cap connects to Grid. Triode #2.	TB 11-6625-274-12/1 w/ C3
Eye Open.	TB 11-6625-274-12/1 w/ C3
Eye Closed.	TB 11-6625-274-12/1 w/ C3
Cap connects to Plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to Plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Cap connects to Plate.	TB 11-6625-274-12/1 w/ C3
Cap connects to Plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Hexode Section. Cap connects to grid.	Nolan
Triode Section.	Nolan
Use Stark ED adapter. Place leads to top pins.	TB 11-6625-274-12/1 w/ C3
Cap connects to Plate.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Triode #1.	Nolan
Triode #2.	Nolan
Cap connects to Plate.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to Grid.	TB 11-6625-274-12/1 w/ C3
Diode #1.	TB 11-6625-274-12/1 w/ C3
Diode #2.	TB 11-6625-274-12/1 w/ C3
Cap connects to Grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Top cap connects to Grid.	TB 11-6625-274-12/1 w/ C3
Hexode Section. Cap connects to grid.	Nolan
Triode Section.	Nolan
	TB 11-6625-274-12/1 w/ C3
Cap connects to Grid.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Top cap connects to Grid.	TB 11-6625-274-12/1 w/ C3
Hexode Section. Cap connects to Grid.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
Hexode Section.	TB 11-6625-274-12/1 w/ C3
Triode Section.	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3

	Nolan
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	TB 11-6625-274-12/1 w/ C3
	T.O. 33AA21-5-31M
Triode #1.	TB 11-6625-274-12/1 w/ C3
Triode #2.	TB 11-6625-274-12/1 w/ C3
Sheet!	

**Micromhos Conversion Chart for use with the
TV-7/U, TV-7A/U, TV-7B/U, TV-7C/U, and TV-7D/U testers**

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(nlee@acadiacom.net)

beta 0.97 July 5, 2002

Note: Only the TV-7D/U has the "F" scale.

Meter Reading	Corresponding values in micromhos				
	Range B	Range C	Range D	Range E	Range F
0	0	0	0	0	0
1	25	50	125	250	500
2	50	100	250	500	1 000
3	75	150	375	750	1 500
4	100	200	500	1 000	2 000
5	125	250	625	1 250	2 500
6	150	300	750	1 500	3 000
7	175	350	875	1 750	3 500
8	200	400	1 000	2 000	4 000
9	225	450	1 125	2 250	4 500
10	250	500	1 250	2 500	5 000
11	275	550	1 375	2 750	5 500
12	300	600	1 500	3 000	6 000
13	325	650	1 625	3 250	6 500
14	350	700	1 750	3 500	7 000
15	375	750	1 875	3 750	7 500
16	400	800	2 000	4 000	8 000
17	425	850	2 125	4 250	8 500
18	450	900	2 250	4 500	9 000
19	475	950	2 375	4 750	9 500
20	500	1 000	2 500	5 000	10 000
21	525	1 050	2 625	5 250	10 500
22	550	1 100	2 750	5 500	11 000
23	575	1 150	2 875	5 750	11 500
24	600	1 200	3 000	6 000	12 000
25	625	1 250	3 125	6 250	12 500
26	650	1 300	3 250	6 500	13 000
27	675	1 350	3 375	6 750	13 500
28	700	1 400	3 500	7 000	14 000
29	725	1 450	3 625	7 250	14 500
30	750	1 500	3 750	7 500	15 000
31	775	1 550	3 875	7 750	15 500
32	800	1 600	4 000	8 000	16 000
33	825	1 650	4 125	8 250	16 500
34	850	1 700	4 250	8 500	17 000
35	875	1 750	4 375	8 750	17 500
36	900	1 800	4 500	9 000	18 000
37	925	1 850	4 625	9 250	18 500

38	950	1 900	4 750	9 500	19 000
39	975	1 950	4 875	9 750	19 500
40	1 000	2 000	5 000	10 000	20 000
41	1 025	2 050	5 125	10 250	20 500
42	1 050	2 100	5 250	10 500	21 000
43	1 075	2 150	5 375	10 750	21 500
44	1 100	2 200	5 500	11 000	22 000
45	1 125	2 250	5 625	11 250	22 500
46	1 150	2 300	5 750	11 500	23 000
47	1 175	2 350	5 875	11 750	23 500
48	1 200	2 400	6 000	12 000	24 000
49	1 225	2 450	6 125	12 250	24 500
50	1 250	2 500	6 250	12 500	25 000
51	1 275	2 550	6 375	12 750	25 500
52	1 300	2 600	6 500	13 000	26 000
53	1 325	2 650	6 625	13 250	26 500
54	1 350	2 700	6 750	13 500	27 000
55	1 375	2 750	6 875	13 750	27 500
56	1 400	2 800	7 000	14 000	28 000
57	1 425	2 850	7 125	14 250	28 500
58	1 450	2 900	7 250	14 500	29 000
59	1 475	2 950	7 375	14 750	29 500
60	1 500	3 000	7 500	15 000	30 000
61	1 525	3 050	7 625	15 250	30 500
62	1 550	3 100	7 750	15 500	31 000
63	1 575	3 150	7 875	15 750	31 500
64	1 600	3 200	8 000	16 000	32 000
65	1 625	3 250	8 125	16 250	32 500
66	1 650	3 300	8 250	16 500	33 000
67	1 675	3 350	8 375	16 750	33 500
68	1 700	3 400	8 500	17 000	34 000
69	1 725	3 450	8 625	17 250	34 500
70	1 750	3 500	8 750	17 500	35 000
71	1 775	3 550	8 875	17 750	35 500
72	1 800	3 600	9 000	18 000	36 000
73	1 825	3 650	9 125	18 250	36 500
74	1 850	3 700	9 250	18 500	37 000
75	1 875	3 750	9 375	18 750	37 500
76	1 900	3 800	9 500	19 000	38 000
77	1 925	3 850	9 625	19 250	38 500
78	1 950	3 900	9 750	19 500	39 000
79	1 975	3 950	9 875	19 750	39 500
80	2 000	4 000	10 000	20 000	40 000
81	2 025	4 050	10 125	20 250	40 500
82	2 050	4 100	10 250	20 500	41 000
83	2 075	4 150	10 375	20 750	41 500
84	2 100	4 200	10 500	21 000	42 000
85	2 125	4 250	10 625	21 250	42 500
86	2 150	4 300	10 750	21 500	43 000
87	2 175	4 350	10 875	21 750	43 500
88	2 200	4 400	11 000	22 000	44 000

89	2 225	4 450	11 125	22 250	44 500
90	2 250	4 500	11 250	22 500	45 000
91	2 275	4 550	11 375	22 750	45 500
92	2 300	4 600	11 500	23 000	46 000
93	2 325	4 650	11 625	23 250	46 500
94	2 350	4 700	11 750	23 500	47 000
95	2 375	4 750	11 825	23 750	47 500
96	2 400	4 800	12 000	24 000	48 000
97	2 425	4 850	12 125	24 250	48 500
98	2 450	4 900	12 250	24 500	49 000
99	2 475	4 950	12 375	24 750	49 500
100	2 500	5 000	12 500	25 000	50 000
101	2 525	5 050	12 625	25 250	50 500
102	2 550	5 100	12 750	25 500	51 000
103	2 575	5 150	12 875	25 750	51 500
104	2 600	5 200	13 000	26 000	52 000
105	2 625	5 250	13 125	26 250	52 500
106	2 650	5 300	13 250	26 500	53 000
107	2 675	5 350	13 375	26 750	53 500
108	2 700	5 400	13 500	27 000	54 000
109	2 725	5 450	13 625	27 250	54 500
110	2 750	5 500	13 750	27 500	55 000
111	2 775	5 550	13 875	27 750	55 500
112	2 800	5 600	14 000	28 000	56 000
113	2 825	5 650	14 125	28 250	56 500
114	2 850	5 700	14 250	28 500	57 000
115	2 875	5 750	14 375	28 750	57 500
116	2 900	5 800	14 500	29 000	58 000
117	2 925	5 850	14 625	29 250	58 500
118	2 950	5 900	14 750	29 500	59 000
119	2 975	5 950	14 875	29 750	59 500
120	3 000	6 000	15 000	30 000	60 000
END OF SHEET!					

CROSS INDEX OF ARMY VT NUMBERS AND COMMERCIAL NUMBERS

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VT-286__832A
VT-287__815
VT-288__12SH7
VT-289__12SL7GT

*Indicates that VT number has been canceled.
(obs) Indicates the tube is obsolete.

End of Sheet!





