



Model 1101

TUBE CHART

NOTES

- 1. * Tube good if it reads past the "DIODES OK" line on meter**
- 2. Do not leave switches X and Z at same setting except at position 12 or SHORTS indicator will glow.**
- 3. Tubes with multiple listings have separate sections which must be tested individually.**

TUBE	X	Y	Z	W	Skt	G-2 Sht
1A3*	3	B	2	C	13	
1A5	5	B	12	A	4	Z-4
1A7	5	B	12	B	4	Z-6
1AB5	6	B	12	A	8	Z-3
1AB6	4	B	12	B	13	Z-3
1AC6	4	B	12	B	13	Z-3
1AE4	6	B	12	B	13	Z-3
1AF4	6	B	12	B	13	Z-3
1AF5	6	B	12	B	13	Z-4
1AF5*	3	B	12	D	13	
1AH5	6	B	12	B	13	Z-4
1AH5*	3	B	12	D	13	
1AJ4	6	B	12	B	13	Z-3
1AM4	6	B	12	B	13	Z-3
1AN5	6	B	12	B	13	Z-3
1AQ5	4	B	12	B	13	Z-3
1AS5	6	B	12	B	13	Z-3
1AS5*	4	B	12	D	13	
1AU2*	1	B	12	B(S) 1		
1AU3*	11	B	12	B(S) 4		
1AX2*	11	B	12	D(S) 1		
1AY2*	11	B	12	B(S) 1		
Insert leads into pins 4&5 of socket.						
1B3*	11	B	12	B(S) 4		
1B7	5	B	12	B	4	Z-6
1B8	11	B	12	A	4	
1B8	5	B	12	A	4	Z-4
1B8*	8	B	12	D	4	
1BC2*	11	B	12	C(S) 1		
1BG2*	11	B	10	B(S) 1		
Insert leads into pins 4&5 of socket.						
Connect top lead to cap.						
1BK2	11	B	12	B(S) 1		
1BQ2*	11	B	12	B(S) 1		
1BX2*	11	B	12	B(S) 1		
1BY2	1	B	12	C(S) 9		
Connect jumper from top cap to octal socket pin #1.						
Good tube reads above 15.						
1C1	4	B	12	B	13	Z-3
1C2	4	B	12	B	13	Z-3
1C3	4	B	12	B	13	
1C5	5	B	12	A	4	Z-4
1C7	5	B	12	B	4	Z-6
1D5	11	B	12	B	4	Z-4
1D7	5	B	12	B	4	Z-6
1D8	11	B	12	B	4	
1D8	5	B	12	B	4	Z-4
D8*	8	B	12	B	4	
ID13*	3	B	2	C	13	
IDG3*	11	B	12	D(S) 6		
Connect jumper between pins 2&3 of socket #4.						

TUBE	X	Y	Z	W	Skt	G-2 Sht
1DK29*	11	B	10	B(S) 1		
Insert leads into pins 4&5 of socket.						
Connect top lead to cap.						
1DN5	6	B	12	B	13	Z-3
1DN5*	4	B	12	D	13	
1E3	1	B	12	A	1	
1E4	5	B	12	B	4	
1E5	11	B	12	A	4	
1E7	4	B	12	A	4	
1E7	5	B	12	A	4	Z-8
1F1	6	B	12	B	12	Z-3
1F2	6	B	12	B	13	Z-3
1F3	6	B	12	B	13	Z-3
1F5	5	B	12	B	4	Z-4
1F7	11	B	12	B	4	Z-6
1F7*	4	B	12	D	4	
1F7*	5	B	12	D	4	
1FD1	6	B	12	B	13	Z-4
1FD1*	3	B	12	D	13	
1FD9	6	B	12	B	13	Z-4
1FD9*	3	B	12	D	13	
1G3*	11	B	12	B(S) 4		
1G4	5	B	12	A	4	
1G5	5	B	12	A	4	Z-4
1G6	4	B	12	A	4	
1G6	5	B	12	A	4	
1G8	4	B	12	A	4	
1GC5	7	B	3	A	1	X-1
1H2*	11	B	12	B(S) 1		
1H4	5	B	12	B	4	
1H5	11	B	12	B	4	
1H5*	5	B	12	D	4	
1H6	6	B	12	A	4	
1H6*	4	B	12	D	4	
1H6*	5	B	12	D	4	
1J3*	11	B	12	D(S) 4		
1J5	5	B	12	A	4	Z-4
1J6	4	B	12	C	4	
1J6	5	B	12	C	4	
1K3*	11	B	12	D(S) 4		
1L4	6	B	12	B	13	Z-3
1L6	4	B	12	C	13	Z-3
1LA4	6	B	12	B	8	Z-3
1LA6	4	B	12	B	8	Z-3
1LB4	6	B	12	B	8	Z-3
1LB6	6	B	12	B	8	Z-3
1LC5	6	B	12	B	8	Z-3
1LC6	4	B	12	C	8	Z-3
1LD5	6	B	12	B	8	Z-3
1LD5*	4	B	12	D	8	
1LE3	6	B	12	B	8	
1LF3	6	B	12	B	8	
1LF4	6	B	12	A	8	Z-6
1LG5	6	B	12	B	8	Z-3

TUBE	X	Y	Z	W	Skt	G-2	TUBE	X	Y	Z	W	Skt	G-2
						Sht							Sht
1LH4	6	B	12	B	8		2EN5*	5	C	2	A	12	
1LH4*	4	B	12	D	8		2EN5*	5	C	7	A	12	
1LN5	6	B	12	B	8	Z-3	2ER5	1	C	2	A	12	X-6
1N2*	11	B	12	A(S)	4		2ES5	1	C	2	A	12	
1N5	11	B	12	B	4	Z-4	2EV5	2	C	1	A	12	X-6
1N6	5	B	12	B	4	Z-4	2EZ4	5	E	12	A	4	Z-3
1N6*	6	B	12	D	4		2FH5	1	C	2	A	12	X-6
1P1	6	C	12	A	13	Z-3	2FQ5	1	C	2	A	12	
1P5	11	B	12	B	4	Z-4	2FS5	2	C	1	A	12	X-6
1P10	3	C	12	B	13	Z-4	2FV6	7	C	1	A	12	X-6
1P11	6	C	12	A	13	Z-3	2FY5	1	C	2	A	12	
1Q5	5	B	12	A	4	Z-4	2GK5	1	C	2	A	12	
1R4	7	B	4	C	8		2GU5	2	C	1	A	12	X-6
1R5	4	B	12	B	13	Z-3	2GW5	5	C	6	A	12	
1R-K41	11	B	12	B(S)	1		2GZ5	1	C	2	A	12	X-6
1S2*	11	B	12	B(S)	1		2HA5	2	C	1	A	12	
1S4	3	B	12	B	13	Z-4	2HK5	2	C	1	A	12	
1S5	6	B	12	B	13	Z-4	2HM5	2	C	1	A	12	
1S5*	3	B	12	D	13		2HQ5	2	C	1	A	12	
1SA6	4	B	12	B	4	Z-6	2HR8	3	C	9	A	1	X-1
1SB6	8	B	12	B	4	Z-4	2T4	5	C	2	A	12	
1SB6*	5	B	12	D	4		2V2*	11	C	12	B(S)	4	
1T4	6	B	12	B	13	Z-3	2V3*	11	B	12	B(S)	4	
1T5	5	B	12	B	4	Z-4	2W3*	4	C	12	A	6	
1U4	6	B	12	B	13	Z-3	3A2*	11	C	12	D	1	
1U5	6	B	12	B	13	Z-3	3A3*	11	C	12	B(S)	4	
1U5*	4	B	12	D	13		3A4	4	C	12	B	13	Z-3
1U6	4	B	12	B	13	Z-3	3A5	5	C	12	A	13	
1V2*	1	B	12	B(S)	1		3A5	3	C	12	A	13	
1X2*	11	B	12	B(S)	1		3A8	5	C	13	A	4	
1Z2*	11	B	12	B(S)	13		3A8	11	C	12	A	4	Z-4
2A4	5	C	12	B	4		3A8*	8	C	12	C	4	
2AF4	5	C	2	A	12		3AF4	5	C	2	A	12	
2AS2*	11	C	12	B(S)	9		3AJ8	3	C	2	A	1	X-1
2AV2*	1	B	12	B(S)	1		3AJ8	3	C	9	A	1	
2AZ2*	11	B	12	B(S)	1		3AL5*	5	C	2	A	12	
2B3*	11	C	12	B(S)	4		3AL5*	1	C	7	A	12	
2BA2	1	B	12	B(S)	1		3AT2*	11	C	12	B(S)	9	
2BJ2	11	B	12	B(S)	1		3AU6	7	C	1	A	12	X-6
2BN4	1	C	2	A	12		3AV6	2	C	1	A	12	
2BU2*	11	C	12	D	9		3AV6*	2	C	5	C	12	
2CN3*	11	B	12	B(S)	4		3AV6*	2	C	6	C	12	
2CW4	8	C	4	A	10		3AW2*	11	C	12	B(S)	9	
2CY5	2	C	1	A	12	X-6	3AW3*	11	C	12	B(S)	4	
2D21	2	E	1	A	12	X-5	3B2*	11	C	12	C(S)	4	
2DF4	8	C	12	D	1	Z-1	3B5	5	C	12	B	4	Z-4
2DL4	2	C	1	A	1		3B7	3	C	12	A	8	
2DS4	8	C	4	A	10		3B7	6	C	12	A	8	
2DV4	7	C	6	A	14		3BA6	7	C	1	A	12	X-6
2DZ4	5	C	6	A	12		3BC5	7	C	1	A	12	X-6
2E24	5	E	12	A	4	Z-3	3BE6	2	C	1	A	12	X-6
2E26	1	E	5	A	4	X-3	3BH2*	11	C	12	B(S)	15	
2EA5	2	C	1	A	12	X-6	3BL2*	11	C	12	B(S)	9	
2EG4	8	B	4	A	10		3BM2*	11	C	12	A(S)	9	

TUBE	X	Y	Z	W	Skt	G-2 Sht
3BN2*	11	C	12	B(S)	9	
3BN4	1	C	2	A	12	
3BN6	1	C	5	B(S)	12	X-6
3BS2*	11	C	12	B(S)	9	
3BT2*	11	C	12	D	9	
3BU6	2	C	1	A	12	
3BU6*	2	C	5	C	12	
3BU6*	2	C	6	C	12	
3BU8	1	C	7	A	1	X-2
3BW2*	11	C	12	D	9	
3BX6	1	C	2	A	1	X-8
3BY6	2	C	1	A	12	X-6
3BY7	3	C	2	A	1	X-8
3BZ6	2	C	1	A	12	X-6
3C2*	11	C	12	C(S)	4	
3C4	6	C	12	A	13	Z-3
3C5	5	C	12	B	4	Z-4
3C6	4	C	12	A	8	
3C6	5	C	12	A	8	
3CA3*	11	C	12	C(S)	4	
3CB6	2	C	1	A	12	X-6
3CE5	2	C	1	A	12	X-6
3CF6	2	C	1	A	12	X-6
3CN3*	11	C	12	B(S)	4	
3CS6	2	C	1	A	12	X-6
3CU3*	11	C	12	B(S)	4	
3CV3*	11	C	12	B(S)	4	
3CX3*	11	C	12	B(S)	6	
Connect jumper between pins 2&3 of socket #4.						
3CY3*	11	C	12	B(S)	4	
3CY5	2	C	1	A	12	X-6
3CZ3*	11	C	12	B(S)	4	
3D6	6	B	12	A	8	X-3
3D21	8	F	6	A	4	X-4
3DA3*	11	C	12	B(S)	6	
Connect jumper between pins 2&3 of socket #4.						
3DB3*	11	C	12	B(S)	4	
3DC3*	11	C	12	A(S)	4	
3DF3*	11	C	12	B(S)	6	
Connect jumper between pins 2&3 of socket #4						
3DG4*	5	C	12	A	7	
3DG4*	7	C	12	A	7	
3DJ3*	11	C	12	B(S)	4	
3DK6	2	C	1	A	12	X-6
3DT6	2	C	1	A	12	X-6
3DZ4	5	C	6	A	12	
3DZ11	1	C	2	A	1	
3E5	6	C	12	B	13	Z-3
3E6	6	C	12	B	8	Z-3
3EA5	2	C	1	A	12	X-6
3EH7	1	C	2	A	1	X-8

TUBE	X	Y	Z	W	Skt	G-2 Sht
3EJ7	1	C	2	A	1	X-8
3EM7	3	C	1	A	5	
3EM7	6	C	4	A	5	
3ER5	1	C	2	A	12	X-6
3ES5	1	C	2	A	12	
3EV5	2	C	1	A	12	X-6
3FH5	1	C	2	A	12	
3FQ5	1	C	2	A	12	
3FS5	2	C	1	A	12	X-6
3FY5	1	C	2	A	12	
3GK5	1	C	2	A	12	
3GS8	1	C	7	A	1	X-2
3GU5	2	C	1	A	12	X-6
3GW5	5	C	6	A	12	
3GZ5	1	C	2	A	12	X-6
3HA5	2	C	1	A	12	
3HE7	4	C	2	A	9	
3HE7	8	C	9	A	9	X-11
3HF5	9	C	10	A	9	X-11
3HG8	3	C	2	A	1	X-9
3HK5	2	C	1	A	12	
3HM5	2	C	1	A	12	
3HM6	2	C	1	A	1	
3HQ5	2	C	1	A	12	
3HS8	1	C	7	A	1	X-2
3HT6	1	C	2	A	1	X-8
3JC6	1	C	2	A	1	X-8
3JD6	1	C	2	A	1	X-8
3JG6	3	C	2	A	9	X-8
3KF8	1	C	7	A	1	X-2
3KT6	1	C	2	A	1	X-8
3LE4	6	C	12	A	8	Z-3
3LF4	6	C	12	A	8	Z-3
3M-P26	2	C	1	A	12	X-6
3M-R24	2	C	1	A	12	X-6
3M-V7	2	C	1	A	12	X-6
3Q4	3	C	12	A	13	Z-4
3Q5	5	C	12	A	4	Z-4
3S4	3	C	12	B	13	Z-4
3S5	3	C	12	B	13	Z-4
3V4*	6	C	12	A	13	Z-3
3W4	3	C	12	A	13	Z-4
4A6	4	D	12	B	4	
4A6	5	D	12	B	4	
4AB8	3	D	2	A	1	
4AB8	3	D	9	A	1	X-8
4AU6	7	D	1	A	12	X-6
4AV6	2	D	1	A	12	
4AV6*	2	D	5	C	12	
4AV6*	2	D	6	C	12	
4BA6	7	D	1	A	12	X-6
4BC5	7	D	1	A	12	X-6
4BC8	3	D	2	A	1	
4BC8	8	D	7	A	1	

G-2							4							G-2						
TUBE	X	Y	Z	W	Skt	Sht	TUBE	X	Y	Z	W	Skt	Sht	TUBE	X	Y	Z	W	Skt	Sht
4BE6	2	D	1	A	12	X-6	4HC7	3	D	11	A	9		4HC7	4	D	9	A	9	
4BK7	3	D	2	A	1		4HG8	3	D	6	A	1		4HG8	1	D	2	A	1	X-9
4BK7	8	D	7	A	1		4HK5	2	D	1	A	12		4HM5	2	D	1	A	12	
4BL8	7	D	2	A	1	X-3	4HM6	1	D	2	A	1	X-8	4HQ5	2	D	1	A	12	
4BL8	8	D	9	A	1		4HR8	3	D	9	A	1	X-1	4HS8	1	D	7	A	1	X-2
4BN4	1	D	2	A	12		4HT6	1	D	2	A	1	X-8	4JC6	1	D	2	A	1	X-8
4BN6	1	D	5	B(S)	12	X-6	4JD6	1	D	2	A	1	X-8	4JD6	1	D	2	A	1	X-8
4BQ7	3	D	2	A	1		4JH6	2	D	1	A	12	X-6	4JH6	2	D	1	A	12	X-6
4BQ7	8	D	7	A	1		4JK6	2	D	1	A	12	X-6	4JL6	2	D	1	A	12	X-6
4BS8	3	D	2	A	1		4JN8	3	D	1	A	1		4JN8	3	D	1	A	1	
4BS8	8	D	7	A	1		4JN8	8	D	9	A	1	X-7	4JN8	8	D	9	A	1	X-7
4BU8	1	D	7	A	1	X-2	4KE8	7	D	2	A	1	X-3	4KE8	7	D	2	A	1	X-3
4BX8	3	D	2	A	1		4KE8	8	D	9	A	1		4KE8	8	D	9	A	1	
4BX8	8	D	7	A	1		4KF8	1	D	7	A	1	X-2	4KF8	1	D	7	A	1	X-2
4BY6	2	D	1	A	12	X-6	4KN8	3	D	2	A	1		4KN8	3	D	2	A	1	
4BZ6	2	D	1	A	12	X-6	4KN8	8	D	7	A	1		4KN8	8	D	7	A	1	
4BZ7	3	D	2	A	1		4KT6	1	D	2	A	1	X-8	4KT6	1	D	2	A	1	X-8
4BZ7	8	D	7	A	1		4LJ8	3	D	1	A	1		4LJ8	3	D	1	A	1	
4BZ8	3	D	2	A	1		4LJ8	3	D	9	A	1	X-7	4LJ8	3	D	9	A	1	X-7
4BZ8	8	D	7	A	1		4LU6	2	D	1	A	12	X-6	4LU6	2	D	1	A	12	X-6
4CB6	2	D	1	A	12	X-6	4MK8	1	D	7	A	1	X-2	4MK8	1	D	7	A	1	X-2
4CE5	2	D	1	A	12	X-6	4M-P12	2	D	1	A	12	X-6	4M-P12	2	D	1	A	12	X-6
4CM4	3	D	2	A	1		4M-P26	2	C	1	A	12	X-6	4M-P26	2	C	1	A	12	X-6
4CM6	7	D	3	A	1	X-1	4R-HH2	3	D	2	A	1		4R-HH2	3	D	2	A	1	
4CS6	2	D	1	A	12	X-6	4R-HH2	8	D	7	A	1		4R-HH2	8	D	7	A	1	
4CX7	3	D	2	A	1		4R-HH8	3	D	2	A	1		4R-HH8	3	D	2	A	1	
4CX7	8	D	7	A	1		4R-HH8	8	D	7	A	1		4R-HH8	8	D	7	A	1	
4CY5	2	D	1	A	12	X-6	5AF4	5	D	2	A	12		5AF4	5	D	2	A	12	
4DE6	2	D	1	A	12	X-6	5AM8	1	D	2	A	1	X-3	5AM8	1	D	2	A	1	X-3
4DK6	2	D	1	A	12	X-6	5AM8*	7	D	8	A	1		5AM8*	7	D	8	A	1	
4DL4	2	D	1	A	1		5AN8	3	D	2	A	1		5AN8	3	D	2	A	1	
4DT6	2	D	1	A	12	X-6	5AN8	9	D	8	A	1	X-7	5AN8	9	D	8	A	1	X-7
4EH7	1	D	2	A	1	X-8	5AQ4*	4	D	12	A	6		5AQ4*	4	D	12	A	6	
4EJ7	1	D	2	A	1	X-8	5AQ4*	6	D	12	A	6		5AQ4*	6	D	12	A	6	
4ER5	1	D	2	A	12	X-4	5AQ5	2	D	1	A	12	X-6	5AQ5	2	D	1	A	12	X-6
4ES8	3	D	2	A	1		5AR4*	4	D	12	A	6		5AR4*	4	D	12	A	6	
4ES8	8	D	7	A	1		5AR4*	6	D	12	A	6		5AR4*	6	D	12	A	6	
4EW6	2	D	1	A	12	X-6	5AR5	2	D	1	A	12	X-6	5AR5	2	D	1	A	12	X-6
4FY5	1	D	2	A	12		5AS4*	4	D	12	A	6		5AS4*	4	D	12	A	6	
4GJ7	1	D	2	A	1		5AS4*	6	D	12	A	6		5AS4*	6	D	12	A	6	
4GJ7	1	D	9	A	1	X-7	5AS8	3	D	2	A	1	X-1	5AS8	3	D	2	A	1	X-1
4GK5	1	D	2	A	12		5AS8*	8	D	6	A	1		5AS8*	8	D	6	A	1	
4GM6	2	D	1	A	12	X-6	5AT4*	4	D	12	A	6		5AT4*	4	D	12	A	6	
4GS7	3	D	1	A	1		5AT4*	6	D	12	A	6		5AT4*	6	D	12	A	6	
4GS7	8	D	9	A	1	X-7	5AT8	3	D	1	A	1		5AT8	3	D	1	A	1	
4GS8	1	D	7	A	1	X-2	5AT8	3	D	9	A	1	X-7	5AT8	3	D	9	A	1	X-7
4GW5	5	D	6	A	12															
4GX6	2	D	1	A	12	X-6														
4GX7	1	D	9	A	1															
4GX7	1	D	2	A	1	X-7														
4GZ5	1	D	2	A	12	X-6														
4HA5	2	D	1	A	12															
4HA7	4	D	9	A	9															
4HA7	3	D	11	A	9															

TUBE	X	Y	Z	W	Skt	G-2 Sht
5AU4*	4	D	12	A	6	
5AU4*	6	D	12	A	6	
5AV8	1	D	2	A	1	
5AV8	7	D	6	A	1	X-8
5AW4*	4	D	12	A	6	
5AW4*	6	D	12	A	6	
5AX4*	4	D	12	A	6	
5AX4*	6	D	12	A	6	
5B8	1	D	2	A	1	
5B8	7	D	6	A	1	X-8
5BC3*	5	D	3	A	16	
5BC3*	9	D	3	A	16	
5BC8	3	D	2	A	1	
5BC8	8	D	7	A	1	
5BE6	2	D	1	A	12	X-6
5BE8	3	D	1	A	1	
5BE8	8	D	9	A	1	X-7
5BK5	6	D	7	A	1	X-8
5BK7	3	D	2	A	1	
5BK7	8	D	7	A	1	
5BQ7	3	D	2	A	1	
5BQ7	8	D	7	A	1	
5BR8	3	D	1	A	1	
5BR8	8	D	9	A	1	X-7
5BS8	3	D	2	A	1	
5BS8	8	D	7	A	1	
5BT8	9	D	8	A	1	X-7
5BT8*	3	D	1	B	1	
5BT8*	3	D	2	B	1	
5BW8	7	D	6	A	1	X-8
5BW8*	2	D	1	B	1	
5BW8*	2	D	3	B	1	
5BZ7	3	D	2	A	1	
5BZ7	8	D	7	A	1	
5CG8	3	D	1	A	1	
5CG8	3	D	9	A	1	X-7
5CL8	3	D	1	A	1	
5CL8	8	D	9	A	1	X-7
5CM6	7	D	3	A	1	X-1
5CM8	8	D	9	A	1	
5CM8	3	D	2	A	1	X-7
5CQ8	8	D	9	A	1	
5CQ8	7	D	2	A	1	X-3
5CR8	8	D	9	A	1	
5CR8	3	D	2	A	1	X-7
5CU4*	1	D	4	A	6	
5CU4*	1	D	6	A	6	
5CZ5	7	D	3	A	1	X-1
5DB5	2	D	3	A	1	X-1
5DH8	3	D	1	A	1	
5DH8	8	D	9	A	1	X-7
5DJ4*	3	D	12	A	4	
5DJ4*	6	D	12	A	4	

TUBE	X	Y	Z	W	Skt	G-2 Sht
5EA8	8	D	9	A	1	
5EA8	7	D	2	A	1	X-3
5EH8	1	D	2	A	1	
5EH8	1	D	7	A	1	X-8
5ES8	3	D	2	A	1	
5ES8	8	D	7	A	1	
5EU8	6	D	2	A	1	
5EU8	8	D	7	A	1	X-9
5EW6	2	D	1	A	12	X-6
5FG7	3	D	1	A	1	
5FG7	8	D	9	A	1	X-7
5FV8	3	D	1	A	1	
5FV8	8	D	9	A	1	X-7
5GH8	8	D	9	A	1	
5GH8	7	D	2	A	1	X-3
5GJ7	1	D	9	A	1	
5GJ7	1	D	2	A	1	X-7
5GM6	2	D	1	A	12	X-6
5GS7	3	D	1	A	1	
5GS7	8	D	9	A	1	X-7
5GX6	2	D	1	A	12	X-6
5GX7	1	D	9	A	1	
5GX7	1	D	2	A	1	X-7
5HA7	4	D	9	A	9	
5HA7	3	D	11	A	9	
5HB7	3	D	2	A	1	X-7
5HC7	3	D	11	A	9	
5HC7	4	D	9	A	9	
5HG8	3	D	6	A	1	
5HG8	1	D	2	A	1	X-9
5HZ6	2	D	1	A	12	X-6
5J6	7	D	5	A	12	
5J6	7	D	6	A	12	
5JK6	2	D	1	A	12	X-6
5JL6	2	D	1	A	12	X-6
5JL8	1	D	2	A	1	
5JL8	6	D	7	A	1	X-8
5KD8	7	D	2	A	1	X-3
5KD8	9	D	8	A	1	
5KE8	7	D	2	A	1	X-8
5KE8	8	D	9	A	1	
5KZ8	3	D	2	A	1	X-7
5KZ8	8	D	9	A	1	
5LJ8	3	D	1	A	1	
5LJ8	3	D	9	A	1	X-7
5MB8	3	D	1	A	1	
5MB8	8	D	9	A	1	X-7
5MF8	6	D	9	A	9	X-8
5MF8	11	D	10	A	9	
5M-HH3	7	D	5	A	12	
5M-HH3	7	D	6	A	12	
5MK9	5	D	12	A	12	
5MQ8	7	D	2	A	1	X-3
5MQ8	8	D	9	A	1	

TUBE	X	Y	Z	W	Skt	G-2 Sht
5R4*	4	D	12	A	6	
5R4*	6	D	12	A	6	
5R-DDH1*	9	D	8	A	1	
5R-DDH1*	2	D	1	A	1	
5R-HR1	8	D	9	A	1	
5R-HR1	7	D	2	A	1	X-3
5R-K16*	1	D	4	A	1	
5R-K16*	8	D	4	A	1	
5T4*	4	D	12	A	6	
5T4*	6	D	12	A	6	
5T8	7	D	8	A	1	
5T8*	7	D	6	A	1	
5T8*	7	D	1	A	1	
5T8*	3	D	2	A	1	
5U4*	4	D	12	A	6	
5U4*	6	D	12	A	6	
5U8	8	D	9	A	1	
5U8	7	D	2	A	1	X-3
5U9	2	D	3	A	3	X-8
5U9	1	D	10	A	3	
5V3*	4	D	12	A	6	
5V3*	6	D	12	A	6	
5V4*	4	D	12	A	6	
5V4*	6	D	12	A	6	
5V6	8	D	5	A	4	X-4
5V9	1	D	3	A	3	X-4
5V9	9	D	8	A	3	
5W4*	4	D	12	A	6	
5W4*	6	D	12	A	6	
5X4*	3	D	12	A	5	
5X4*	5	D	12	A	5	
5X8	6	D	2	A	1	
5X8	6	D	7	A	1	X-8
5X9	2	D	3	A	3	X-8
5X9	1	D	10	A	3	
5Y3*	4	D	12	B	6	
5Y3*	6	D	12	B	6	
5Y4*	3	D	12	A	5	
5Y4*	5	D	12	A	5	
5Z4*	4	D	12	A	6	
5Z4*	6	D	12	A	6	
6A5	5	E	12	A	4	
6A8	8	E	5	A	4	
6AB4	7	E	6	A	12	
6AB6	8	E	5	A	4	
6AB7	5	E	4	A	4	X-6
6AB8	3	E	2	A	1	
6AB8	3	E	9	A	1	X-8
6AC5	8	E	5	A	4	
6AC6	8	E	5	A	4	
6AC7	5	E	4	A	4	X-6
6AC9	8	E	9	A	9	X-10
6AC9*	4	E	2	A	9	
6AC9*	4	E	3	A	9	

TUBE	X	Y	Z	W	Skt	G-2 Sht
6AC10	3	E	11	A	9	
6AC10	6	E	7	A	9	
6AC10	4	E	9	A	9	
6AD5	8	E	5	A	4	
6AD7	8	E	1	A	4	
6AD7	8	E	5	A	4	X-4
6AD8	3	E	2	A	1	X-1
6AD8*	3	E	7	C	1	
6AD8*	3	E	8	C	1	
6AD10	2	E	3	A	9	X-6
6AD10	9	E	8	A	9	X-10
6AE5	8	E	5	A	4	
6AE6	8	E	5	A	4	
6AE7	5	E	4	A	4	
6AE7	8	E	6	A	4	
6AF3*	11	E	9	A	1	
6AF4	5	E	6	A	12	
6AF5	8	E	5	A	4	
6AF9	7	E	8	A	3	X-9
6AF9	2	E	1	A	3	X-3
6AF11	7	E	3	A	9	
6AF11	5	E	6	A	9	
6AF11	9	E	11	A	9	X-10
6AG5	2	E	1	A	12	X-6
6AG6	8	E	5	A	4	X-4
6AG7	5	E	4	A	4	X-6
6AG9	6	E	5	A	9	
6AG9	9	E	11	A	9	X-4
6AG11	2	E	3	A	9	
6AG11	4	E	5	A	9	
6AG11	9	E	8	A	9	
6AG11	11	E	10	A	9	
6AG12	1	E	2	A	1	
6AH4	8	E	1	A	4	
6AH5	8	E	6	A	4	X-1
6AH6	7	E	1	A	12	X-6
6AH7	2	E	1	A	4	
6AH7	4	E	5	A	4	
6AH9	4	E	2	A	9	
6AH9	7	E	5	A	9	X-8
6AJ5	2	E	1	A	12	X-6
6AJ7	5	E	4	A	4	X-6
6AJ8	3	E	9	A	1	
6AJ8	3	E	2	A	1	X-1
6AJ9	1	E	11	A	1	
6AJ9	2	E	3	A	1	X-8
6AK5	7	E	1	A	12	X-6
6AK6	7	E	1	A	12	X-6
6AK7	5	E	4	A	4	X-6
6AK8	7	E	8	A	1	
6AK8*	7	E	6	A	1	
6AK8*	7	E	1	A	1	
6AK8*	3	E	2	A	1	

TUBE	X	Y	Z	W	Skt	G-2 Sht
6AK9*	7	E	3	A	9	
6AK9	7	E	10	A	9	
6AK9	7	E	8	A	9	X-9
6AK10	3	E	11	A	9	
6AK10	6	E	7	A	9	
6AK10	4	E	9	A	9	
6AL3*	11	E	9	A	1	
6AL5*	5	E	2	A	12	
6AL5*	1	E	7	A	12	
6AL6	8	E	5	A	4	X-4
6AL7	8	E	1	B(S)	4	
6AL9	6	E	5	A	9	
6AL9	9	E	11	A	9	X-4
6AL11	2	E	3	A	9	X-7
6AL11	9	E	8	A	9	X-10
6AM5	2	E	1	A	12	X-7
6AM6	2	E	1	A	12	X-7
6AM8	2	E	1	A	1	X-3
6AM8	7	E	8	A	1	
6AN4	5	E	6	A	12	
6AN5	2	E	1	A	12	X-6
6AN6*	6	E	2	A	12	
6AN6*	6	E	3	A	13	
6AN6*	6	E	4	A	13	
6AN6*	6	E	5	A	13	
6AN7	3	E	9	A	1	
6AN7	3	E	2	A	1	X-1
6AN8	3	E	2	A	1	
6AN8	9	E	8	A	1	X-7
6AQ4	2	E	1	A	12	
6AQ5	2	E	1	A	12	X-6
6AQ6	2	E	1	A	12	
6AQ6*	2	E	5	C	12	
6AQ6*	2	E	6	C	12	
6AQ7	6	E	4	A	5	
6AQ7*	2	E	3	C	5	
6AQ7*	2	E	1	C	5	
6AQ8	3	E	2	A	1	
6AQ8	8	E	7	A	1	
6AR5	2	E	1	A	12	X-6
6AR8	7	E	6	A	1	X-3
6AR11	6	E	5	A	9	X-3
6AR11	11	E	10	A	9	X-9
6AS5	1	E	2	A	12	X-6
6AS6	2	E	1	A	12	X-6
6AS7	3	E	1	A	5	
6AS7	6	E	4	A	5	
6AS8	3	E	2	A	1	X-1
6AS8*	8	E	6	B	1	
6AS11	7	E	3	A	9	
6AS11	5	E	6	A	9	
6AS11	9	E	11	A	9	X-10
6AT6	2	E	1	A	12	
6AT6*	2	E	5	C	12	
6AT6*	2	E	6	C	12	

TUBE	X	Y	Z	W	Skt	G-2 Sht
6AT8	3	E	1	A	1	
6AT8	3	E	9	A	1	X-7
6AU4*	3	E	5	A	5	
6AU5	3	E	1	A	4	X-8
6AU6	7	E	1	A	12	X-6
6AU7	3	E	2	A	1	
6AU7	8	E	7	A	1	
6AU8	1	E	2	A	1	
6AU8	6	E	7	A	1	X-8
6AV4*	7	E	1	A	12	
6AV4*	7	E	6	A	12	
6AV5	3	E	1	A	4	X-8
6AV6	2	E	1	A	12	
6AV6*	2	E	5	C	12	
6AV6*	2	E	6	C	12	
6AV11	3	E	11	A	9	
6AV11	6	E	7	A	9	
6AV11	4	E	9	A	9	
6AW8	1	E	2	A	1	
6AW8	6	E	7	A	1	X-8
6AX3*	7	E	4	A	9	
6AX4	3	E	5	A	5	
6AX5*	8	E	3	A	4	
6AX5*	8	E	5	A	4	
6AX6*	4	E	3	A	4	
6AX6*	8	E	5	A	4	
6AX7	3	E	2	A	1	
6AX7	8	E	7	A	1	
6AX8	8	E	9	A	1	
6AX8	7	E	2	A	1	X-3
6AY3*	9	E	7	A	11	
6AY11*	2	E	3	A	9	
6AY11*	11	E	10	A	9	
6AY11	4	E	5	A	9	
6AY11	9	E	8	A	9	
6AZ8	7	E	9	A	1	
6AZ8	7	E	6	A	1	X-2
6B4	5	E	12	A	4	
6B6	8	E	11	A	4	
6B6*	8	E	4	C	4	
6B6*	8	E	5	C	4	
6B8	8	E	11	A	4	
6B8*	8	E	4	C	4	
6B8*	8	E	5	C	4	
6B10	2	E	3	A	9	
6B10	7	E	5	A	9	
6B10*	9	E	8	A	9	
6B10*	9	E	10	A	9	
6B32*	5	E	2	A	12	
6B32*	1	E	7	A	12	
6BA3*	9	E	7	A	11	
6BA6	7	E	1	A	12	X-6
6BA7	3	E	2	A	1	X-1

TUBE	X	Y	Z	W	Skt	G-2 Sht
6BA8	1	E	2	A	1	
6BA8	6	E	7	A	1	X-8
6BA11	8	E	4	A	9	X-3
6BA11	10	E	9	A	9	
6B-B14	3	E	1	A	15	X-6
6BC4	6	E	7	A	1	
6BC5	2	E	1	A	12	X-6
6BC7*	1	E	2	A	1	
6BC7*	7	E	6	A	1	
6BC7*	9	E	8	A	1	
6BC8	3	E	2	A	1	
6BC8	8	E	7	A	1	
6BD4	1	E	5	D	4	
6BD5	3	E	1	A	4	X-8
6BD6	7	E	1	A	12	X-6
6BD7	3	E	2	A	1	
6BD7*	3	E	6	C	1	
6BD7*	3	E	8	C	1	
6BD11	7	E	3	A	9	
6BD11	5	E	6	A	9	
6BD11	9	E	11	A	9	X-10
6BE3*	7	E	10	A	9	
6BE6	2	E	1	A	12	X-6
6BE7	8	E	7	A	1	X-1
6BE8	3	E	1	A	1	
6BE8	8	E	9	A	1	X-7
6BF5	2	E	1	A	12	X-6
6BF6	2	E	1	A	12	
6BF6*	2	E	5	C	12	
6BF6*	2	E	6	C	12	
6BF8*	6	E	1	A	1	
6BF8*	6	E	2	A	1	
6BF8*	6	E	3	A	1	
6BF8*	6	E	7	A	1	
6BF8*	6	E	8	A	1	
6BF8*	6	E	9	A	1	
6BF11	2	E	3	A	9	X-6
6BF11	9	E	8	A	9	X-10
6BG6	3	E	5	A	4	X-8
6BH3*	9	E	7	A	11	
6BH5	3	E	2	A	1	X-8
6BH6	2	E	1	A	12	X-6
6BH8	1	E	2	A	1	
6BH8	6	E	7	A	1	X-8
6BH11	2	E	4	A	9	
6BH11	5	E	6	A	9	
6BH11	11	E	8	A	9	X-9
6BJ3*	7	E	4	A	9	
6BJ5	2	E	1	A	12	X-7
6BJ6	2	E	1	A	12	X-6
6BJ7*	1	E	2	A	1	
6BJ7*	7	E	6	A	1	
6BJ7*	9	E	8	A	1	

TUBE	X	Y	Z	W	Skt	G-2 Sht
6BJ8	9	E	8	A	1	
6BJ8*	3	E	6	A	1	
6BJ8*	2	E	1	A	1	
6BK4	1	E	5	B	4	
6BK5	6	E	7	A	1	X-8
6BK6	2	E	1	A	12	
6BK6*	2	E	5	C	12	
6BK6*	2	E	6	C	12	
6BK7	3	E	2	A	1	
6BK7	8	E	7	A	1	
6BK8	3	E	9	A	1	X-1
6BK11	3	E	11	A	9	
6BK11	6	E	7	A	9	
6BK11	4	E	9	A	9	
6BL4*	3	E	5	A	5	
6BL7	3	E	1	A	5	
6BL7	6	E	4	A	5	
6BL8	8	E	9	A	1	
6BL8	7	E	2	A	1	X-3
6BM5	2	E	1	A	12	X-6
6BM8	8	E	1	A	1	
6BM8	2	E	3	A	1	X-7
6BN4	1	E	2	A	12	
6BN5	3	E	2	A	1	X-1
6BN6	1	E	5	B(S)	12	X-2
6BN7	3	E	2	A	1	
6BN7	6	E	7	A	1	
6BN8	9	E	8	A	1	
6BN8*	3	E	6	A	1	
6BN8*	2	E	1	A	1	
6BN11	8	E	7	A	9	X-9
6BN11	2	E	3	A	9	X-4
6BQ5	3	E	2	A	1	X-9
6BQ6	8	E	5	A	4	X-4
6BQ7	3	E	2	A	1	
6BQ7	8	E	7	A	1	
6BR3*	11	E	9	A	1	
6BR5	2	E	1	A	1	
6BR7	3	E	2	A	1	X-8
6BR8	3	E	1	A	1	
6BR8	8	E	9	A	1	X-7
6BS3*	9	E	7	A	11	
6BS4	5	E	6	A	12	
6BS8	3	E	2	A	1	
6BS8	8	E	7	A	1	
6BT6	2	E	1	A	12	
6BT6*	3	E	5	C	12	
6BT6*	2	E	6	C	12	
6BT8	9	E	8	A	1	X-7
6BT8*	3	E	1	B	1	
6BT8*	3	E	2	B	1	
6BU5	5	E	4	A	5	X-3

TUBE	X	Y	Z	W	Skt	G-2	TUBE	X	Y	Z	W	Skt	G-2
						Sht							Sht
6BU6	2	E	1	A	12		6CA4*	3	E	1	A	1	
6BU6*	2	E	5	C	12		6CA4*	3	E	7	A	1	
6BU6*	2	E	6	C	12		6CA5	1	E	2	A	12	X-6
6BU8	1	E	7	A	1	X-2	6CA7	8	E	5	A	4	X-4
6BV8	1	E	2	A	1		6CA11	3	E	7	A	9	
6BV8*	8	E	6	A	1		6CA11	6	E	5	A	9	
6BV8*	7	E	9	A	1		6CA11	8	E	9	A	9	X-10
6BV11	8	E	7	A	9	X-9	6CB5	3	E	4	A	4	X-1
6BV11	5	E	6	A	9	X-4	6CB6	2	E	1	A	12	X-6
6BW3*	7	E	4	A	9		6CD3*	7	E	4	A	9	
6BW4*	9	E	1	A	1		6CD6	3	E	5	A	4	X-8
6BW4*	9	E	7	A	1		6CD7	8	E	4	D	4	
6BW6	3	E	1	A	1		6CE3	7	E	4	A	9	
6BW7	3	E	2	A	1	X-8	6CE5	2	E	1	A	12	X-6
6BW8	7	E	6	A	1	X-8	6CF6	2	E	1	A	12	X-6
6BW8*	2	E	1	A	1		6CF8	3	E	9	A	1	X-1
6BW8*	2	E	3	A	1		6CG3*	7	E	4	A	9	
6BW11	10	E	11	A	9	X-9	6CG6	7	E	1	A	12	X-6
6BW11	2	E	3	A	9	X-4	6CG7	3	E	2	A	1	
6BX6	3	E	2	A	1	X-8	6CG7	8	E	7	A	1	
6BX7	3	E	1	A	5		6CG8	3	E	1	A	1	
6BX7	6	E	4	A	5		6CG8	3	E	9	A	1	X-7
6BX8	3	E	2	A	1		6CH3*	9	E	7	A	11	
6BX8	8	E	7	A	1		6CH6	3	E	2	A	1	X-8
6BY5*	1	E	4	A	4		6CH7	3	E	2	A	1	
6BY5*	8	E	5	A	4		6CH7	8	E	7	A	1	
6BY6	2	E	1	A	12	X-6	6CH8	1	E	8	A	1	
6BY7	3	E	2	A	1	X-8	6CH8	6	E	7	A	1	X-3
6BY8	9	E	1	A	1	X-8	6CJ3*	9	E	7	A	11	
6BY8*	3	E	6	A	1		6CJ6	3	E	2	A	1	X-8
6BY11	2	E	3	A	9	X-6	6CK3*	9	E	7	A	11	
6BY11	9	E	8	A	9	X-10	6CK4	8	E	1	A	4	
6BZ3*	7	E	4	A	9		6CK6	3	E	2	A	1	X-1
6BZ6	2	E	1	A	12	X-6	6CL3*	9	E	2	A	11	
6BZ7	3	E	2	A	1		6CL5	3	E	4	A	4	X-8
6BZ7	8	E	7	A	1		6CL6	1	E	2	A	1	X-3
6BZ8	3	E	2	A	1		6CL8	3	E	1	A	1	
6BZ8	8	E	7	A	1		6CL8	8	E	9	A	1	X-7
6C4	7	E	6	A	12		6CM3	9	E	2	A	11	
6C5	8	E	5	A	4		6CM4	3	E	2	A	1	
6C8	4	E	11	A	4		6CM5	8	E	5	A	4	X-4
6C8	8	E	5	A	4		6CM6	7	E	3	A	1	X-1
6C9	10	E	1	A	1	X-2	6CM7	3	E	7	A	1	
6C9	6	E	7	A	1	X-8	6CM7	9	E	8	A	1	
6C10	4	E	9	A	9		6CM8	8	E	9	A	1	
6C10	6	E	7	A	9		6CM8	3	E	2	A	1	X-7
6C10	3	E	11	A	9		6CN6	8	E	5	A	4	X-4
6C12	3	E	9	A	1		6CN7	6	E	7	A	1	
6C12	3	E	2	A	1	X-1	6CN7*	3	E	1	A	1	
6C16	8	E	9	A	1		6CN7*	3	E	2	A	1	
6C16	7	E	2	A	1	X-3	6CQ4*	3	E	5	A	5	
6C31	8	E	11	A	4	X-4	6CQ6	2	E	1	A	12	X-1
6C31	8	E	5	A	4		6CQ8	8	E	9	A	1	
							6CQ8	7	E	2	A	1	X-3

TUBE	X	Y	Z	W	Skt	G-2 Sht
6CR6	1	E	7	A	12	X-6
6CR6*	1	E	2	D	12	
6CR8	8	E	9	A	1	
6CR8	3	E	2	A	1	X-7
6CS5	2	E	3	A	1	X-1
6CS6	2	E	1	A	12	X-6
6CS7	9	E	3	A	1	
6CS7	8	E	7	A	1	
6CS8	8	E	9	A	1	
6CS8	3	E	2	A	1	X-7
6CT3	9	E	2	A	1	
6CU5	1	E	2	A	12	X-6
6CU6	8	E	5	A	4	X-4
6CU8	1	E	8	A	1	
6CU8	6	E	7	A	1	X-3
6CW4	8	E	4	A	10	
6CW5	3	E	2	A	1	X-9
6CW7	1	E	2	A	1	
6CW7	7	E	6	A	1	
6CX7	3	E	2	A	1	
6CX7	8	E	7	A	1	
6CX8	1	E	2	A	1	
6CX8	6	E	7	A	1	X-8
6CY5	2	E	1	A	12	X-6
6CY7	8	E	7	A	1	
6CY7	9	E	3	A	1	
6CZ5	7	E	3	A	1	X-1
6D1	3	E	2	A	1	X-9
6D2*	5	E	2	A	12	
6D2*	1	E	7	A	12	
6D4	5	E	1	A	12	
6D5	8	A	5	A	5	
6D8	8	E	5	A	4	X-6
6D10	3	E	11	A	9	
6D10	6	E	7	A	9	
6D10	4	E	9	A	9	
6DA4*	3	E	5	A	5	
6DA5	2	E	1	D	1	
6DA6	3	E	2	A	1	X-8
6DA7	9	E	3	B	1	
6DA7	8	E	7	B	1	
6DB5	2	E	3	A	1	X-1
6DB6	2	E	1	A	12	X-6
6DC6	2	E	1	A	12	X-6
6DC8	3	E	2	A	1	X-1
6DC8*	3	E	7	C	1	
6DC8*	3	E	8	C	1	
6DE4*	3	E	5	A	5	
6DE6	2	E	1	A	12	X-6
6DE7	9	E	2	A	1	
6DE7	8	E	7	A	1	
6DG6	8	E	5	A	4	X-4
6DJ8	3	E	2	A	1	
6DJ8	8	E	7	A	1	

TUBE	X	Y	Z	W	Skt	G-2 Sht
6DK6	2	E	1	A	12	X-6
6DL3	11	E	2	A	11	
6DL4	2	E	1	A	1	
6DL5	2	E	1	A	12	X-6
6DL8	8	E	9	A	1	
6DL8	7	E	2	A	1	X-3
6DM4*	3	E	5	A	5	
6DN3	2	E	9	A	11	
6DN6	3	E	5	A	4	X-8
6DN7	3	E	1	A	5	
6DN7	6	E	4	A	5	
6DQ4*	3	E	5	A	5	
6DQ5	3	E	1	A	4	X-4
6DQ6	8	E	5	A	4	X-4
6DR4	7	E	6	A	12	
6DR7	9	E	2	A	1	
6DR7	8	E	7	A	1	
6DS4	8	E	4	A	10	
6DS5	2	E	1	A	12	X-6
6DS8	3	E	2	A	1	X-1
6DS8	3	E	9	A	1	
6DT3*	7	E	4	A	9	
6DT4*	3	E	5	A	5	
6DT5	7	E	6	A	1	X-1
6DT6	2	E	1	A	12	X-6
6DT8	3	E	2	A	1	
6DT8	8	E	7	A	1	
6DV4	7	E	6	A	14	
6DW4*	9	E	7	A	11	
6DW5	7	E	6	A	1	X-1
6DX8	3	E	1	A	1	
6DX8	7	E	8	A	1	X-9
6DY5	3	E	2	A	1	X-9
6DY7	8	E	1	A	4	
6DY7	8	E	5	A	4	X-4
6DZ4	5	E	6	A	12	
6DZ7	8	E	1	A	4	
6DZ7	8	E	5	A	4	X-4
6DZ8	8	E	1	A	1	
6DZ8	2	E	3	A	1	X-7
6E5	8	E	5	A	4	
6E8	8	E	11	A	4	X-4
6EA4	5	E	6	B	9	
6EA5	2	E	1	A	12	X-6
6EA7	3	E	1	A	5	
6EA7	6	E	4	A	5	
6EA8	8	E	9	A	1	
6EA8	7	E	2	A	1	X-3
6EB5*	1	E	7	A	12	
6EB5*	5	E	2	A	12	
6EB8	1	E	2	A	1	
6EB8	6	E	7	A	1	X-8
6EC4*	11	E	2	A	15	
6ED4	1	E	8	B	15	

TUBE	X	Y	Z	W	Skt	G-2 Sht
6EF4	5	E	6	B	9	
6EF6	8	E	5	A	4	X-4
6EG6	2	E	1	A	12	X-6
6EH4	5	E	6	B	9	
6EH5	1	E	2	A	12	X-6
6EH7	1	E	2	A	1	X-8
6EH8	1	E	2	A	1	
6EH8	1	E	7	A	1	X-8
6EJ4	5	E	6	C	9	
6EJ7	1	E	2	A	1	X-8
6EL4*	1	E	5	B	4	
6EL7	1	E	2	A	1	X-8
6EM5	7	E	3	A	1	X-1
6EM7	3	E	1	A	5	
6EM7	6	E	4	A	5	
6EN4	1	E	5	B	4	
6EQ7*	3	E	8	B	1	
6EQ7	3	E	2	A	1	X-6
6ER5	1	E	2	A	12	X-6
6ES5	1	E	2	A	12	X-6
6ES6	2	E	1	A	12	X-6
6ES8	3	E	2	A	1	
6ES8	8	E	7	A	1	
6ET6	2	E	1	A	12	X-6
6ET7	6	E	7	A	1	X-8
6ET7*	1	E	2	C	1	
6ET7*	1	E	3	C	1	
6EU7	4	E	5	A	2	
6EU7	9	E	8	A	2	
6EU8	6	E	2	A	1	
6EU8	8	E	7	A	1	X-9
6EV5	7	E	1	A	12	
6EV7	3	E	2	A	1	
6EV7	8	E	7	A	1	
6EW6	2	E	1	A	12	X-6
6EW7	8	E	7	A	1	
6EW7	2	E	9	A	1	
6EW8	3	E	2	A	1	
6EW8	8	E	7	A	1	
6EX6	3	E	5	A	4	X-8
6EY6	8	E	5	A	4	X-4
6EZ5	8	E	5	A	4	X-4
6EZ8	1	E	2	A	1	
6EZ8	7	E	12	A	1	
6EZ8	9	E	12	A	1	
6F5	8	E	11	A	4	
6F6	8	E	5	A	4	X-4
6F8	4	E	11	A	4	
6F8	8	E	5	A	4	
6F12	2	E	1	A	12	X-7
6F18	3	E	2	A	1	X-8
6F19	3	E	2	A	1	X-8
6F20	3	E	2	A	1	X-8

TUBE	X	Y	Z	W	Skt	G-2 Sht
6FA7	6	E	7	A	1	X-8
6FA7*	6	E	3	C	1	
6FD6	7	E	1	A	12	X-6
6FD7	9	E	2	A	1	
6FD7	8	E	7	A	1	
6FD10	1	E	2	A	1	
6FE5	8	E	5	A	4	X-4
6FG5	2	E	1	A	12	X-6
6FG6	3	E	1	B	1	
6FG7	3	E	1	A	1	
6FG7	8	E	9	A	1	X-7
6FH5	1	E	2	A	12	X-6
6FH6	8	E	5	A	4	X-4
6FH8	2	E	12	A	1	
6FH8	26	E	12	A	1	Z-7
6FJ7	7	E	3	A	9	
6FJ7	9	E	10	A	9	
6FM7	7	E	8	A	9	
6FM7	9	E	10	A	9	
6FM8	7	E	8	A	1	
6FM8*	1	E	6	A	1	
6FM8*	3	E	2	A	1	
6FN5	3	E	4	A	4	X-1
6FQ5	1	E	2	A	12	
6FQ7	3	E	2	A	1	
6FQ7	8	E	7	A	1	
6FR7	9	E	2	A	1	
6FR7	8	E	7	A	1	
6FS5	2	E	1	A	12	X-6
6FV6	7	E	1	A	12	X-6
6FV8	3	E	1	A	1	
6FV8	8	E	9	A	1	
6FW5	3	E	1	A	4	X-8
6FW8	3	E	2	A	1	
6FX5	1	E	2	A	12	X-6
6FY5	1	E	2	A	12	
6FY7	7	E	3	A	9	
6FY7	9	E	10	A	9	
6FY8	8	E	1	A	1	
6FY8	2	E	3	A	1	X-7
6G6	8	E	5	A	4	X-4
6G11	2	E	3	A	9	X-7
6G11	9	E	8	A	9	X-10
6G-B3	8	E	5	A	4	X-4
6GB5	3	E	2	A	15	X-6
6GB6	8	E	5	A	4	X-4
6G-B7	8	E	5	A	4	X-4
6GC5	7	E	3	A	1	X-1
6GC6	3	E	5	A	4	X-4
6GD7	8	E	9	A	1	X-7
6GD7	3	E	1	A	1	
6GE5	4	E	3	A	9	X-2
6GE8	2	E	3	A	1	
6GE8	7	E	8	A	1	X-1
6GF5	4	E	3	A	9	X-2

TUBE	X	Y	Z	W	G-2	
					Skt	Sht
6GF7	3	E	2	A	11	
6GF7	1	E	9	A	11	
6GH8	8	E	9	A	1	
6GH8	7	E	2	A	1	X-3
6GJ5	3	E	2	A	11	X-1
6GJ7	1	E	2	A	1	X-7
6GJ7	1	E	9	A	1	
6GJ8	7	E	2	A	1	X-3
6GK5	1	E	2	A	12	
6GK6	1	E	2	A	1	X-8
6GK7	1	E	2	A	1	X-8
6G-K17*	3	E	5	A	5	
6GL7	3	E	1	A	5	
6GL7	6	E	4	A	5	
6GM5	7	E	6	A	1	X-1
6GM6	2	E	1	A	12	X-6
6GM8	3	E	2	A	1	
6GM8	8	E	7	A	1	
6GN6	2	E	1	A	12	X-6
6GN8	1	E	2	A	1	
6GN8	6	E	7	A	1	X-8
6GQ7*	1	E	2	A	1	
6GQ7*	7	E	6	A	1	
6GQ7*	9	E	8	A	1	
6GS7	3	E	1	A	1	
6GS7	8	E	9	A	1	X-7
6GS8	1	E	7	A	1	X-2
6GT5	3	E	2	A	11	X-1
6GU5	3	E	1	A	12	X-6
6GU7	3	E	2	A	1	
6GU7	8	E	7	A	1	
6GV5	4	E	5	A	9	X-3
6GV7	8	E	9	A	1	
6GV7	8	E	7	A	1	X-2
6GV8	3	E	2	A	1	
6GV8	8	E	9	A	1	X-7
6GW5	5	E	6	A	12	
6GW6	8	E	5	A	4	X-4
6GW8	2	E	1	A	1	
6GW8	7	E	8	A	1	X-3
6GX6	2	E	1	A	12	X-6
6GX7	1	E	9	A	1	
6GX7	1	E	2	A	1	X-7
6GY5	4	E	5	A	9	X-3
6GY6	2	E	1	A	12	X-6
6GY8	1	E	12	A	1	
6GY8	8	E	5	A	1	
6GY8	7	E	12	A	1	
6GZ5	1	E	2	A	12	X-6
6H4*	8	E	4	A	4	
6H6*	4	E	3	A	4	
6H6*	8	E	5	A	4	
6HA5	2	E	1	A	12	
6HA6	1	E	2	A	1	X-8

TUBE	X	Y	Z	W	12	
					Skt	Sht
6HA7	3	E	11	A	9	
6HA7	4	E	9	A	9	
6HB5	4	E	3	A	9	X-2
6HB6	1	E	2	A	1	X-6
6HB7	3	E	2	A	1	X-7
6HB7	3	E	9	A	1	
6HC8	8	E	1	A	1	
6HC8	2	E	3	A	1	X-7
6HD5	4	E	3	A	9	X-5
6HD7	1	E	2	A	1	X-7
6HD7	1	E	9	A	1	
6HE5	4	E	2	A	9	X-3
6HE7	4	E	2	A	9	
6HE7	8	E	9	A	9	X-11
6HF5	9	E	10	A	9	X-11
6HF8	1	E	2	A	1	
6HF8	6	E	7	A	1	X-8
6HG5	2	E	1	A	12	X-6
6HG7	2	E	1	A	12	X-6
6HG8	3	E	6	A	1	
6HG8	1	E	2	A	1	X-9
6HJ5	2	E	3	A	9	X-5
6HJ7	1	E	9	A	1	
6HJ7	1	E	2	A	1	X-7
6HJ8	1	E	2	A	1	X-3
6HJ8*	7	E	8	A	1	
6HK5	2	E	1	A	12	
6HK8	3	E	2	A	1	
6HK8	8	E	7	A	1	
6HL5	3	E	1	A	1	X-9
6HL8	7	E	2	A	1	X-3
6HL8	8	E	9	A	1	
6HM5	2	E	1	A	12	
6HM6	1	E	2	A	1	X-8
6HQ5	2	E	1	A	12	
6HR5	2	E	1	A	12	
6HR6	7	E	1	A	12	X-6
6HR8	3	E	9	A	1	X-1
6HS5	4	E	2	A	9	
6HS6	7	E	1	A	12	X-6
6HS8	1	E	7	A	1	X-1
6HT5	5	E	6	B	9	
6HT6	1	E	2	A	1	X-8
6HU6	3	E	1	A	1	
6HU8	7	E	2	A	1	X-1
6HU8	7	E	6	A	1	X-9
6HV5	4	E	2	A	9	
6HW8	7	E	6	A	1	X-3
6HZ5	4	E	2	A	9	
6HZ6	2	E	1	A	12	X-6
6HZ8	1	E	2	A	1	
6HZ8	6	E	7	A	1	X-8
6J4	2	E	1	A	12	
6J5	8	E	5	A	4	

TUBE	X	Y	Z	W	Skt	G-2 Sht
6J6	7	E	5	A	12	
6J6	7	E	6	A	12	
6J7	8	E	11	A	4	X-4
6J8	8	E	5	A	4	
6J8	8	E	11	A	4	X-4
6J9	3	E	2	A	1	
6J9	10	E	9	A	1	
6J9	10	E	7	A	1	
6J10	3	E	11	A	9	X-2
6J10	8	E	6	B(S)	9	
6J11	6	E	5	A	9	X-9
6J11	8	E	11	A	9	X-7
6JA5	4	E	2	A	9	X-3
6JA8	1	E	2	A	1	
6JA8	6	E	7	A	1	X-8
6JB5	4	E	2	A	9	X-3
6JB6	3	E	2	A	11	X-1
6JC5	2	E	4	B	9	
6JC6	1	E	2	A	1	X-8
6JC8	1	E	7	A	1	X-3
6JD5	4	E	2	A	9	
6JD6	1	E	2	A	1	X-8
6JE6	3	E	2	A	11	X-1
6JE8	1	E	2	A	1	
6JE8	6	E	7	A	1	X-8
6JF6	3	E	2	A	11	X-1
6JG5	6	E	7	A	1	X-8
6JG6	3	E	2	A	11	X-1
6JH5	4	E	2	A	9	X-3
6JH6	2	E	1	A	12	X-6
6JH8	7	E	6	A	1	
6JK5	4	E	2	A	9	X-3
6JK6	2	E	1	A	12	X-6
6JK8	3	E	2	A	1	
6JK8	8	E	7	A	1	
6JL6	2	E	1	A	12	X-6
6JL8	1	E	2	A	1	
6JL8	6	E	7	A	1	X-8
6JM6	2	E	5	A	9	X-3
6JN6	2	E	11	A	9	X-8
6JN8	3	E	1	A	1	
6JN8	8	E	9	A	1	X-7
6JQ6	9	E	7	A	1	X-2
6JQ6	9	E	6	B	1	
6JR6	3	E	2	A	11	X-1
6JS6	2	E	5	A	9	X-3
6JT6	3	E	2	A	11	X-7
6JT8	1	E	2	A	1	
6JT8	6	E	7	A	1	X-8
6JU6	3	E	2	A	11	X-1
6JU8*	2	E	1	A	1	
6JU8*	3	E	2	A	1	
6JU8*	8	E	7	A	1	
6JU8*	9	E	8	A	1	

TUBE	X	Y	Z	W	Skt	G-2 Sht
6JV8	1	E	2	A	1	
6JV8	6	E	7	A	1	X-8
6JW8	8	E	9	A	1	
6JW8	7	E	2	A	1	X-3
6JX8	3	E	2	A	1	
6JX8	3	E	9	A	1	
6JY8	6	E	7	A	1	X-8
6JY8	1	E	2	A	1	
6JZ6	2	E	5	A	9	X-3
6JZ8	6	E	9	A	9	X-8
6JZ8	11	E	10	A	9	
6K5	8	E	11	A	4	
6K6	8	E	5	B	4	X-4
6K7	8	E	11	A	4	X-4
6K8	8	E	5	A	4	X-4
6K11	3	E	11	A	9	
6K11	6	E	7	A	9	
6K11	4	E	9	A	9	
6KA8	3	E	2	A	1	
6KA8	3	E	6	A	1	X-8
6KD6	2	E	5	A	9	X-3
6KD8	7	E	2	A	1	X-3
6KD8	8	E	9	A	1	
6KE8	7	E	2	A	1	X-3
6KE8	8	E	9	A	1	
6KF8	1	E	7	A	1	X-2
6KG6	9	E	1	A	15	X-3
6KL8	3	E	2	A	1	X-6
6KL8*	3	E	8	C	1	
6KM6	3	E	2	A	11	X-1
6KM8	6	E	7	A	1	X-8
6KM8*	6	E	3	C	1	
6KN6	2	E	5	A	9//	X-3
6KN8	3	E	2	A	1	
6KN8	8	E	7	A	1	
6KR8	1	E	2	A	1	
6KR8	6	E	7	A	1	X-8
6KS6	1	E	5	B(S)	12	X-2
6KS8	1	E	2	A	1	
6KS8	6	E	7	A	1	X-8
6KT6	1	E	2	A	1	X-8
6KT8	1	E	2	A	1	
6KT8	6	E	7	A	1	X-8
6KU8	6	E	7	A	1	X-8
6KU8*	1	E	2	B	1	
6KU8*	1	E	3	B	1	
6KV6	3	E	2	A	11	X-1
6KV8	1	E	2	A	1	
6KV8	6	E	7	A	1	X-8
6KX8	2	E	1	A	1	
6KX8	8	E	9	A	1	
6KY6	1	E	2	A	1	X-8
6KY8	1	E	9	A	11	
6KY8	3	E	2	A	11	X-7

TUBE	X	Y	Z	W	Skt	G-2 Sht
6KZ8	3	E	2	A	1	X-7
6KZ8	8	E	9	A	1	
6L5	8	E	5	A	4	
6L6	8	E	5	A	4	X-4
6L7	8	E	11	A	4	X-4
6L12	3	E	2	A	1	
6L12	8	E	7	A	1	
6L13	3	F	2	A	1	
6L13	8	F	7	A	1	
6L34	2	E	1	A	12	
6LB6	2	E	5	A	9	X-3
6LB8	1	E	2	A	1	
6LB8	6	E	7	A	1	X-8
6LC6	6	E	5	B	4	
6LC8	3	E	2	A	1	
6LC8	7	E	1	A	1	X-8
6LD6	1	E	2	A	1	X-8
6LD12	7	E	8	A	1	
6LD12*	7	E	6	A	1	
6LD12*	7	E	1	A	1	
6LD12*	3	E	2	A	1	
6LE8	3	E	9	A	1	
6LF6	2	E	5	A	9	X-3
6LF8	1	E	2	A	1	
6LF8	6	E	7	A	1	X-8
6LG6	4	E	5	A	9	X-11
6LH6	6	E	5	B	4	
6LJ6	6	E	5	B	4	
6LJ8	3	E	1	A	1	
6LJ8	3	E	9	A	1	X-7
6LM8	7	E	2	A	1	X-3
6LM8	8	E	9	A	1	
6LN8	8	E	9	A	1	
6LN8	7	E	2	A	1	X-3
6LQ6	3	E	2	A	11	X-1
6LQ8	1	E	2	A	1	
6LQ8	6	E	7	A	1	X-8
6LR6	2	E	5	A	9	X-3
6LR8	1	E	9	A	11	
6LR8	3	E	2	A	11	X-7
6LT8	1	E	9	A	1	X-2
6LT8*	7	E	8	A	1	
6LT8*	7	E	6	A	1	
6LU6	2	E	1	A	12	X-6
6LU8	11	E	10	A	9	
6LU8	9	E	6	A	9	X-8
6LV6	2	E	5	A	9	X-3
6LX6	2	E	5	A	9	X-3
6LX8	8	E	9	A	1	
6LX8	7	E	2	A	1	X-3
6LY8	1	E	2	A	1	
6LY8	6	E	7	A	1	X-8
6LZ6	2	E	3	A	11	X-1
6M2	8	E	4	D	4	
6M3*	11	E	3	A	6	

TUBE	X	Y	Z	W	Skt	G-2 Sht
6M5	3	E	2	A	1	X-9
6M6	8	E	5	A	4	X-4
6M11	10	E	2	A	9	X-3
6M11	4	E	5	A	9	
6M11	9	E	8	A	9	
6MB6	2	E	5	A	9	X-3
6MB8	3	E	1	A	1	
6MB8	8	E	9	A	1	X-7
6MC6	3	E	2	A	11	X-1
6MD8	7	E	6	A	11	
6MD8	7	E	8	A	11	
6MD8	7	E	9	A	11	
6ME6	3	E	2	A	11	X-1
6ME8	7	E	6	A	1	X-3
6MF8	6	E	9	A	9	X-8
6MF8	11	E	10	A	9	
6MG8	7	E	2	A	1	X-3
6MG8	8	E	9	A	1	
6M-HH3	7	E	5	A	12	
6M-HH3	7	E	6	A	12	
6MJ8	3	E	8	A	9	
6MJ8	3	E	10	A	9	
6MJ8	3	E	11	A	9	
6MK8	1	E	7	A	1	X-2
6ML4	5	E	6	A	12	
6MN8	3	E	8	A	9	
6MN8	3	E	10	A	9	
6MN8	3	E	11	A	9	
6M-P17	2	E	1	A	12	X-6
6M-P20	2	E	1	A	12	X-6
6MQ8	8	E	9	A	1	
6MQ8	7	E	2	A	1	X-3
6MU8	8	E	9	A	1	
6MU8	7	E	2	A	1	X-3
6MV8	1	E	2	A	1	X-8
6MY8	9	E	6	A	9	X-8
6N3*	3	E	9	A	1	
6N4	2	E	1	A	12	
6N6	8	E	5	A	4	
6N7	8	E	4	A	4	
6N7	8	E	5	A	4	
6N8	3	E	2	A	1	X-1
6N8*	3	E	7	A	1	
6N8*	3	E	8	A	1	
6N8K	3	E	2	A	1	X-1
6N8K*	3	E	7	C	1	
6N8K*	3	E	8	C	1	
6P5	8	E	5	A	4	
6P8G	8	E	5	A	4	
6P8G	8	E	11	A	4	X-4
6P9	2	E	1	A	12	X-6
6P15	3	E	2	A	1	X-9
6P25	8	E	5	A	4	X-4
6PX6	8	E	5	A	4	X-4

G-2							15	G-2						
TUBE	X	Y	Z	W	Skt	Sht	TUBE	X	Y	Z	W	Skt	Sht	
6Q4	3	E	2	A	1		6SQ7	3	E	2	A	5		
6Q6	8	E	11	A	4		6SQ7*	3	E	4	C	5		
6Q6*	8	E	5	C	4		6SQ7*	3	E	5	C	5		
6Q7	8	E	11	A	4		6SR7	3	E	2	A	5		
6Q7*	8	E	4	C	4		6SR7*	3	E	4	C	5		
6Q7*	8	E	5	C	4		6SR7*	3	E	5	C	5		
6Q11	3	E	11	A	9		6SS7	5	E	4	A	4	X-6	
6Q11	4	E	9	A	5		6ST7	3	E	2	A	5		
6Q11	6	E	7	A	9		6ST7*	3	E	4	C	5		
6R3*	11	E	9	A	1		6ST7*	3	E	5	C	5		
6R4	3	E	1	A	1		6SU7	3	E	1	A	5		
6R6	8	E	11	A	4	X-3	6SU7	6	E	4	A	5		
6R7	8	E	11	A	4		6SV7	3	E	2	A	5	X-4	
6R7*	8	E	4	C	4		6SV7*	3	E	5	A	5		
6R7*	8	E	5	C	4		6SZ7	3	E	2	A	5		
6R8	7	E	8	A	1		6SZ7*	3	E	4	C	5		
6R8*	7	E	1	A	1		6SZ7*	3	E	5	C	5		
6R8*	7	E	6	A	1		6T4	5	E	6	A	12		
6R8*	3	E	2	A	1		6T7	8	E	11	A	4		
6R-A6	1	E	2	A	1		6T7*	8	E	4	C	4		
6R-A9	1	E	2	A	1		6T7*	8	E	5	C	4		
6R-B11	3	E	7	A	1	X-1	6T8	7	E	8	A	1		
6R-HH2	3	E	2	A	1		6T8*	7	E	1	A	1		
6R-HH2	8	E	7	A	1		6T8*	7	E	6	A	1		
6R-HH8	3	E	2	A	1		6T8*	3	E	2	A	1		
6R-HH8	8	E	7	A	1		6T9	5	E	4	A	9		
6R-K19*	11	E	9	A	1		6T9	9	E	8	A	9	X-10	
6R-P15	3	E	2	A	1	X-9	6T10	2	E	3	A	9	X-6	
6R-P22	1	E	2	A	1	X-3	6T10	9	E	8	A	9	X-10	
6S2*	6	E	11	A	1		6U3*	3	E	9	A	1		
6S4	2	E	3	A	1		6U4*	3	E	5	A	5		
6S7	8	E	11	A	4	X-4	6U6	8	E	5	A	4	X-4	
6S8	2	E	11	A	5		6U7	8	E	11	A	4	X-4	
6S8*	2	E	1	C	5		6U8	8	E	9	A	1		
6S8*	2	E	4	C	5		6U8	7	E	2	A	1	X-3	
6S8*	5	E	3	C	5		6U9	2	E	3	A	3	X-3	
6SA7	6	E	5	A	4	X-4	6U9	1	E	10	A	3		
6SB7Y	6	E	5	A	4	X-4	6U10	3	E	11	A	9		
6SC7	6	E	3	A	5		6U10	6	E	7	A	9		
6SC7	6	E	4	A	5		6U10	4	E	9	A	9		
6SD7	5	E	4	A	4	X-6	6V3*	11	E	9	A	1		
6SE7	5	E	4	A	4	X-6	6V4*	3	E	1	A	1		
6SF5	2	E	3	A	5		6V4*	3	E	7	A	1		
6SF7	3	E	2	A	5	X-4	6V5	5	E	12	A	5	Z-4	
6SF7*	3	E	5	C	5		6V6	8	E	5	A	4	X-4	
6SG7	3	E	4	A	4	X-6	6V7	8	E	11	A	4		
6SH7	3	E	4	A	4	X-6	6V7*	8	E	4	C	4		
6SH8	7	E	1	A	1		6V7*	8	E	5	C	4		
6SJ7	5	E	4	A	4	X-6	6V8	3	E	6	A	1		
6SK7	5	E	4	A	4	X-6	6V8*	3	E	2	A	1		
6SL7	3	E	1	A	5		6V8*	3	E	9	A	1		
6SL7	6	E	4	A	5		6V8*	8	E	7	A	1		
6SN7	3	E	1	A	5		6V9	1	E	3	A	3	X-4	
6SN7	6	E	4	A	5		6V9	9	E	8	A	3		

TUBE	X	Y	Z	W	Skt	G-2 Sht
6W4*	3	E	5	A	5	
6W5*	8	E	3	A	4	
6W5*	8	E	5	A	4	
6W6	8	E	5	A	4	X-4
6W7	8	E	11	A	4	X-4
6X4*	7	E	1	A	12	
6X4*	7	E	6	A	12	
6X5*	8	E	3	A	4	
6X5*	8	E	5	A	4	
6X8	6	E	2	A	1	
6X8	6	E	7	A	1	X-8
6X9	2	E	3	A	3	X-8
6X9	1	E	10	A	3	
6Y3*	11	E	12	B(S)	4	
6Y6	8	E	5	A	4	X-4
6Y7	8	E	5	A	4	
6Y7	8	E	5	A	4	
6Y9	2	E	1	A	3	X-3
6Y9	7	E	8	A	3	X-9
6Y10	9	E	8	A	9	X-10
6Y10	2	E	3	A	9	X-6
6Z7	8	E	4	A	4	
6Z7	8	E	5	A	4	
6Z10	8	E	6	B(S)	9	
6Z10	3	E	11	A	9	X-2
6ZY5*	8	E	3	A	4	
6ZY5*	8	E	5	A	4	
7A4	7	E	6	A	8	
7A5	7	E	6	A	8	X-3
7A6*	2	E	3	A	8	
7A6*	7	E	6	A	8	
7A7	7	E	6	A	8	X-3
7A8	7	E	4	A	8	X-3
7AB7	4	E	5	A	4	X-1
7AD7	7	E	6	A	8	X-3
7AF7	2	E	4	A	8	
7AF7	7	E	5	A	8	
7AG7	7	E	6	A	8	X-3
7AH7	7	E	6	A	8	X-3
7AJ7	7	E	6	A	8	X-3
7AK7	7	E	6	A	8	X-3
7AN7	1	E	2	A	1	
7AN7	7	E	6	A	1	
7AU7	3	E	2	A	1	
7AU7	8	E	7	A	1	
7B4	7	E	6	A	8	
7B5	7	E	6	A	8	X-3
7B6	7	E	3	A	8	
7B6*	7	E	5	C	8	
7B6*	7	E	6	C	8	
7B7	7	E	6	B	8	X-3
7B8	7	E	4	A	8	X-3
7C4*	7	E	4	B	8	
7C5	7	E	6	A	8	X-3

TUBE	X	Y	Z	W	Skt	G-2 Sht
7C6	7	E	3	A	8	
7C6*	7	E	5	C	8	
7C6*	7	E	6	C	8	
7C7	7	E	6	A	8	X-3
7D7	7	E	6	A	8	X-5
7D9	2	E	1	A	12	X-7
7DE7	3	E	2	A	1	X-8
7DJ8	3	E	2	A	1	
7DJ8	8	E	7	A	1	
7E6	7	E	3	A	8	
7E6*	7	E	5	C	8	
7E6*	7	E	6	C	8	
7E7	7	E	6	A	8	X-5
7E7*	7	E	3	C	8	
7E7*	7	E	4	C	8	
7EK7	1	E	2	A	1	
7EK7	1	E	2	A	1	
7EK7	7	E	6	A	1	
7ES8	3	E	2	A	1	
7ES8	8	E	7	A	1	
7EY6	8	E	5	A	4	X-4
7F7	2	E	4	A	8	
7F7	7	E	5	A	8	
7G7	7	E	6	A	8	X-3
7G7	7	E	4	A	8	X-3
7G8	7	E	5	A	8	
7GS7	3	E	1	A	1	
7GS7	8	E	9	A	1	X-7
7GV7	8	E	9	A	1	
7GV7	8	E	7	A	1	X-2
7H7	7	E	6	A	8	X-3
7HG8	3	E	6	A	1	
7HG8	1	E	2	A	1	X-9
7J7	7	E	4	A	8	
7J7	7	E	6	A	8	
7K7	2	E	4	A	8	
7K7*	7	E	5	C	8	
7K7*	7	E	6	C	8	
7KY6	1	E	2	A	1	X-8
7KZ6	1	E	2	A	1	X-8
7L7	7	E	6	A	8	X-3
7M-P18	2	E	1	A	12	X-6
7N7	2	E	4	A	8	
7N7	7	E	5	A	8	
7Q7	7	E	4	A	8	X-3
7R7	7	E	6	A	8	X-5
7R7*	7	E	3	C	8	
7R7*	7	E	4	C	8	
7S7	7	E	4	A	8	
7S7	7	E	6	A	8	X-5
7T7	7	E	6	A	8	X-3
7V7	7	E	6	A	8	X-3
7W7	7	E	6	A	3	X-3

TUBE	X	Y	Z	W	Skt	G-2 Sht
7X6*	2	E	3	A	8	
7X6*	7	E	6	A	8	
7X7	4	E	3	A	8	
7X7*	4	E	5	A	8	
7X7*	7	E	6	A	8	
7Y4*	7	E	3	A	8	
7Y4*	7	E	6	A	8	
7Z4*	7	E	3	A	8	
7Z4*	7	E	6	A	8	
8A8	8	E	9	A	1	
8A8	7	E	2	A	1	X-3
8AC9*	4	E	2	A	9	
8AC9*	4	E	3	A	9	
8AC9	8	E	9	A	9	X-10
8AC10	3	E	11	A	9	
8AC10	6	E	7	A	9	
8AC10	4	E	9	A	9	
8AL9	6	E	5	A	9	
8AL9	9	E	11	A	9	
8AR11	6	E	5	A	9	X-3
8AR11	11	E	10	A	9	X-9
8AU8	1	E	2	A	1	
8AU8	6	E	7	A	1	X-8
8AV11	3	E	11	A	9	
8AV11	6	E	7	A	9	
8AV11	4	E	9	A	9	
8AW8	1	E	2	A	1	
8AW8	6	E	7	A	1	X-8
8B8	8	E	1	A	1	
8B8	2	E	3	A	1	X-7
8B10	2	E	3	A	9	
8B10	7	E	5	A	9	
8B10*	9	E	8	A	9	
8B10*	9	E	10	A	9	
8BA8	1	E	2	A	1	
8BA8	6	E	7	A	1	X-8
8BA11	8	E	4	A	9	X-3
8BA11	10	E	9	A	9	
8BH8	1	E	2	A	1	
8BH8	6	E	7	A	1	X-8
8BM11	5	E	6	A	9	X-3
8BM11	10	E	11	A	9	X-9
8BN8	9	E	8	A	1	
8BN8*	3	E	6	A	1	
8BN8*	2	E	1	A	1	
8BN11	8	E	7	A	9	X-9
8BN11	2	E	3	A	9	X-4
8BQ5	3	E	2	A	1	X-9
8BQ7	3	E	2	A	1	
8BQ7	8	E	7	A	1	
8BQ11	6	E	5	A	9	X-3
8BQ11	11	E	10	A	9	X-9
8BU11	2	E	4	A	9	
8BU11	5	E	6	A	9	
8BU11	11	E	8	A	9	X-9

TUBE	X	Y	Z	W	Skt	G-2 Sht
8CB11	6	E	5	A	9	X-3
8CB11	11	E	10	A	9	X-9
8CG7	3	E	2	A	1	
8CG7	8	E	7	A	1	
8CM7	3	E	7	A	1	
8CM7	9	E	8	A	1	
8CN7	6	E	7	A	1	
8CN7*	3	E	1	A	1	
8CN7*	3	E	2	A	1	
8CS7	9	E	3	A	1	
8CS7	8	E	7	A	1	
8CW5	3	F	2	A	1	X-9
8CX8	1	E	2	A	1	
8CX8	6	E	7	A	1	X-8
8CY7	8	E	7	A	1	
8CY7	9	E	3	A	1	
8D3	2	E	1	A	12	X-7
8D4	8	E	11	A	4	X-4
8D8	3	E	9	A	1	X-1
8DX8	3	E	1	A	1	
8DX8	7	E	8	A	1	X-9
8EB8	1	E	2	A	1	
8EB8	6	E	7	A	1	X-8
8EM5	7	E	3	A	1	X-1
8ET7	6	E	7	A	1	X-8
8ET7*	1	E	2	C	1	
8ET7*	1	E	3	C	1	
8FQ7	3	E	2	A	1	
8FQ7	8	E	7	A	1	
8GJ7	1	E	2	A	1	X-7
8GJ7	1	E	9	A	1	
8GK6	1	E	2	A	1	X-8
8GN8	1	E	2	A	1	
8GN8	6	E	7	A	1	
8GU7	3	E	2	A	1	
8GU7	8	E	7	A	1	
8GX7	1	E	9	A	1	
8GX7	1	E	2	A	1	X-7
8HA6	1	E	2	A	1	X-6
8HG8	3	E	6	A	1	
8HG8	1	E	2	A	1	X-9
8JE8	1	E	2	A	1	
8JE8	6	E	7	A	1	X-8
8JK8	3	E	2	A	1	
8JK8	8	E	7	A	1	
8JL8	1	E	2	A	1	
8JL8	6	E	7	A	1	X-8
8JT8	1	E	2	A	1	
8JT8	6	E	7	A	1	X-8
8JU8*	2	E	1	A	1	
8JU8*	3	E	2	A	1	
8JU8*	8	E	7	A	1	
8JU8*	9	E	8	A	1	

TUBE	X	Y	Z	W	Skt	G-2 Sht
8JV8	1	E	2	A	1	
8JV8	6	E	7	A	1	X-8
8K11	3	E	11	A	9	
8K11	6	E	7	A	9	
8K11	4	E	9	A	9	
8KA8	3	E	2	A	1	
8KA8	3	E	6	A	1	X-8
8KR8	1	E	2	A	1	
8KR8	6	E	7	A	1	X-8
8KS8	1	E	2	A	1	
8KS8	6	E	7	A	1	X-8
8KT8	1	E	2	A	1	
8KT8	6	E	7	A	1	X-8
8KY8	3	E	2	A	11	X-7
8KY8	1	E	9	A	11	
8LC8	3	E	2	A	1	
8LC8	7	E	6	A	1	X-8
8LE8	3	E	9	A	1	
8LT8	1	E	9	A	1	X-2
8LT8*	7	E	8	A	1	
8LT8*	7	E	6	A	1	
8MD8	7	E	8	A	11	
8MD8	7	E	9	A	11	
8MD8	7	E	6	A	11	
8MU8	8	E	9	A	1	
8MU8	7	E	2	A	1	X-3
8R-HP1	8	E	1	A	1	
8R-HP1	2	E	3	A	1	X-7
8SN7	3	E	1	A	5	
8SN7	6	E	4	A	5	
8U9	2	E	3	A	3	X-8
8U9	1	E	10	A	3	
8X9	2	E	3	A	3	X-8
8X9	1	E	10	A	3	
9A8	8	E	9	A	1	
9A8	7	E	2	A	1	X-3
9AH9	4	E	2	A	9	
9AH9	7	E	5	A	9	X-8
9AK8	7	E	8	A	1	
9AK8*	7	E	6	A	1	
9AK8*	7	E	1	A	1	
9AK8*	3	E	2	A	1	
9AK10	3	E	11	A	9	
9AK10	6	E	7	A	9	
9AK10	4	E	9	A	9	
9AQ8	3	E	2	A	1	
9AQ8	8	E	7	A	1	
9AU7	3	E	2	A	1	
9AU7	8	E	7	A	1	
9BJ11	5	E	6	A	9	X-3
9BJ11	10	E	11	A	9	X-9
9BM5	2	E	1	A	12	X-6
9BR7	3	E	2	A	1	
9BR7*	8	E	6	A	1	
9BR7*	8	E	7	A	1	

TUBE	X	Y	Z	W	Skt	G-2 Sht
9BR8	3	E	2	A	1	
9BR8	8	E	9	A	1	X-7
9BW6	3	E	1	A	1	
9CL8	3	E	1	A	1	
9CL8	8	E	9	A	1	X-7
9D6	2	E	1	A	12	X-6
9D7	1	E	2	A	1	X-8
9DZ8	8	E	1	A	1	
9DZ8	2	E	3	A	1	X-7
9EA8	7	E	2	A	1	X-3
9EA8	8	E	9	A	1	
9ED4	1	E	8	B	15	
9EF6	8	E	5	A	4	X-4
9GH8	8	E	9	A	1	
9GH8	7	E	2	A	1	X-3
9GV8	3	E	2	A	1	
9GV8	8	E	9	A	1	X-7
9JW8	8	E	9	A	1	
9JW8	7	E	2	A	1	X-3
9KC6	1	E	2	A	1	X-9
9KG6#	9	E	1	A	11	X-3
9KV8	1	E	2	A	1	
9KV8	6	E	7	A	1	X-8
9KX6	1	E	2	A	1	X-8
9KZ8	3	E	2	A	1	X-7
9KZ8	8	E	9	A	1	
9LA6	1	E	2	A	1	X-8
9M-HH3	7	E	5	A	12	
9M-HH3	7	E	6	A	12	
9MN8	3	E	8	A	9	
9MN8	3	E	10	A	9	
9MN8	3	E	11	A	9	
9M-P12	2	E	1	A	12	X-6
9P9	2	E	1	A	12	X-6
9R-A6	1	E	2	A	1	
9R-AL1	8	E	8	B	1	
9R-AL1	9	E	2	A	1	
9R-HR2	8	E	9	A	1	
9R-HR2	7	E	2	A	1	X-3
9U8	8	E	9	A	1	
9U8	7	E	2	A	1	X-3
9V9	1	E	3	A	3	X-4
9V9	9	E	8	A	3	
9X8	6	E	2	A	1	
9X8	6	E	7	A	1	X-8
10AF11	7	F	3	A	9	
10AF11	5	F	6	A	9	
10AL11	2	F	3	A	9	X-7
10AL11	9	F	8	A	9	X-10
10BQ5	3	F	2	A	1	X-9
10C8	3	F	2	A	1	
10C8	9	F	8	A	1	X-7
10C14	3	G	9	A	1	X-9
10C14	3	G	2	A	1	
10CW5	3	F	2	A	1	X-9

TUBE	X	Y	Z	W	Skt	G-2 Sht
10DA7	9	F	3	B	1	
10DA7	8	F	7	B	1	
10DE7	9	F	2	A	1	
10DE7	8	F	7	A	1	
10DR7	9	F	2	A	1	
10DR7	8	F	7	A	1	
10DX8	3	F	1	A	1	
10DX8	7	F	8	A	1	X-9
10EB8	1	F	2	A	1	
10EB8	6	F	7	A	1	X-8
10EG7	3	F	1	A	5	
10EG7	6	F	4	A	5	
10EM7	3	F	1	A	5	
10EM7	6	F	4	A	5	
10EW7	8	F	7	A	1	
10EW7	2	F	9	A	1	
10F18	3	F	2	A	1	
10FD7	9	F	2	A	1	
10FD7	8	F	7	A	1	
10FD12	3	G	2	A	1	X-1
10FD12*	3	G	7	A	1	
10FD12*	3	G	8	A	1	
10FR7	9	E	2	A	1	
10FR7	8	E	7	A	1	
10GF7	3	F	2	A	11	
10GF7	1	F	9	A	11	
10GH8	8	F	9	A	1	
10GH8	7	F	2	A	1	X-3
10GK6	1	F	2	A	1	X-8
10GN8	1	F	2	A	1	
10GN8	6	F	7	A	1	X-8
10GV8	3	F	2	A	1	
10GV8	8	F	9	A	1	X-7
10HA6	1	F	2	A	1	X-6
10HF8	1	F	2	A	1	
10HF8	6	F	7	A	1	X-8
10J10	3	F	11	A	9	X-2
10J10	8	F	6	B(S)	9	
10JA5	4	F	2	A	9	X-3
10JA8	1	F	2	A	1	
10JA8	6	F	7	A	1	X-8
10JT8	1	F	2	A	1	
10JT8	6	F	7	A	1	X-8
10JY8	1	F	2	A	1	
10JY8	6	F	7	A	1	X-8
10KR8	1	F	2	A	1	
10KR8	6	F	7	A	1	X-8
10KU8	6	F	7	A	1	X-8
10KU8*	1	F	2	B	1	
10KU8*	1	F	3	B	1	
10L14	3	G	2	A	1	
10L14	8	G	7	A	1	
10LB8	1	F	2	A	1	
10LB8	6	F	7	A	1	X-8

TUBE	X	Y	Z	W	Skt	G-2 Sht
10LD6	1	F	2	A	1	X-8
10LD12	7	G	8	A	1	
10LD12*	7	G	6	A	1	
10LD12*	7	G	1	A	1	
10LD12*	3	G	2	A	1	
10LD14	3	G	2	A	1	
10LD14	8	G	7	A	1	
10LE8	3	F	9	A	1	
10LM8	7	F	2	A	1	X-3
10LM8	8	F	9	A	1	
10LW8	1	F	2	A	1	
10LW8	6	F	7	A	1	X-8
10LY8	1	F	2	A	1	
10LY8	6	F	7	A	1	X-8
10LZ8	1	F	2	A	1	
10LZ8	6	F	7	A	1	X-8
10P18	3	H	2	A	1	X-9
10PL12	8	H	1	A	1	
10PL12	2	H	3	A	1	X-7
10T10	2	F	3	A	9	X-10
10T10	2	F	3	A	9	X-6
10Z10	8	F	6	C(S)	9	
10Z10	3	F	11	A	9	X-2
11AF9	7	F	8	A	3	X-9
11AF9	2	F	1	A	3	X-3
11AR11	6	F	5	A	9	X-3
11AR11	11	F	10	A	9	X-9
11BM8	8	F	1	A	1	
11BM8	2	F	3	A	1	X-7
11BQ11	6	F	5	A	9	X-3
11BQ11	11	F	10	A	9	X-9
11BT11	8	F	11	A	9	X-10
11BT11	6	F	5	A	9	
11BT11	4	F	3	A	9	
11C5	1	F	2	A	12	X-6
11CA11	3	F	7	A	9	
11CA11	6	F	5	A	9	
11CA11	8	F	9	A	9	X-10
11CF11	8	F	9	A	9	
11CF11	7	F	11	A	9	
11CF11	6	F	5	A	9	X-4
11CY7	9	F	3	A	1	
11CY7	8	F	7	A	1	
11DS5	2	F	1	A	12	X-6
11FY7	7	F	3	A	9	
11FY7	9	F	10	A	9	
11HM7	1	F	2	A	1	X-8
11JE8	1	F	2	A	1	
11JE8	6	F	7	A	1	X-8
11KV8	1	F	2	A	1	
11KV8	6	F	7	A	1	
11LQ8	1	F	2	A	1	
11LQ8	6	F	7	A	1	X-8

TUBE	X	Y	Z	W	Skt	G-2 Sht
11LT8	1	F	9	A	1	X-2
11LT8*	7	F	8	A	1	
11LT8*	7	F	6	A	1	
11MS8	3	F	2	A	1	
11MS8	8	F	9	A	1	X-7
11R3*	11	F	9	A	1	
11Y9	2	F	1	A	3	X-3
11Y9	7	F	8	A	3	X-9
12A4	1	F	2	A	1	
12A6	8	F	5	A	4	X-4
12A8	8	F	5	A	4	X-6
12AB5	7	F	3	A	1	X-8
12AC6	7	F	1	B	12	X-6
12AC10	3	F	11	A	9	
12AC10	4	F	9	A	9	
12AC10	6	F	7	A	9	
12AD5	3	F	2	A	1	X-8
12AD6	2	F	1	A	12	X-6
12AD7	3	F	2	A	1	
12AD7	8	F	7	A	1	
12AE6	2	F	1	A	12	
12AE6*	2	F	5	C	12	
12AE6*	2	F	6	C	12	
12AE7	3	F	2	A	1	
12AE7	8	F	7	A	1	
12AE10	2	F	3	A	9	X-6
12AE10	9	F	8	A	9	X-10
12AF3*	11	F	9	A	1	
12AF4	5	F	2	A	12	
12AF6	7	F	1	A	12	X-6
12AF11	7	F	3	A	9	
12AF11	5	F	6	A	9	
12AG6	2	F	1	B	12	X-6
12AH7	2	F	1	A	5	
12AH7	4	F	5	A	5	
12AH8	3	F	7	A	1	
12AH8	3	F	2	A	1	X-1
12AJ6	2	F	1	A	12	
12AJ6*	2	F	5	C	12	
12AJ6*	2	F	6	C	12	
12AJ7	3	F	9	A	1	
12AJ7	3	F	2	A	1	X-1
12AL5*	5	F	2	A	12	
12AL5*	1	F	7	A	12	
12AL8	9	F	8	B	1	
12AL8	7	F	3	A	1	X-2
12AL11	2	F	3	A	9	X-7
12AL11	9	F	8	A	9	X-10
12AQ5	2	F	1	A	12	X-6
12AS5	1	F	2	A	12	X-6
12AT6	2	F	1	A	12	
12AT6*	2	F	5	C	12	
12AT6*	2	F	6	C	12	
12AT7	3	F	2	A	1	
12AT7	8	F	7	A	1	

TUBE	X	Y	Z	W	Skt	G-2 Sht
20						
12AU5	3	F	1	A	4	X-8
12AU6	7	F	1	A	12	X-6
12AU7	3	F	2	A	1	
12AU7	8	F	7	A	1	
12AU8	1	F	2	A	1	
12AU8	6	F	7	A	1	X-8
12AV5	3	F	1	A	4	X-8
12AV6	2	F	1	A	12	
12AV6*	2	F	5	C	12	
12AV6*	2	F	6	C	12	
12AV7	3	F	2	A	1	
12AV7	8	F	7	A	1	
12AW6	2	F	1	A	12	X-6
12AX3*	7	F	4	A	9	
12AX4*	3	F	5	A	5	
12AX5*	8	F	3	A	4	
12AX5*	8	F	5	A	4	
12AX7	8	F	7	A	1	
12AX7	3	F	2	A	1	
12AX12	1	F	2	A	1	
12AY3*	9	F	7	A	11	
12AY7	3	F	2	A	1	
12AY7	8	F	7	A	1	
12AZ7	3	F	2	A	1	
12AZ7	8	F	7	A	1	
12B4	1	F	2	A	1	
12B7	7	F	6	A	8	X-3
12B8	6	F	8	A	4	
12B8	1	F	11	A	4	X-4
12BA6	7	F	1	A	12	X-6
12BA7	3	F	2	A	1	X-1
12B-B14	3	F	1	A	15	X-6
12BD5	3	F	1	A	4	X-8
12BD6	7	F	1	A	12	X-6
12BE3*	7	F	10	A	9	
12BE6	2	F	1	A	12	X-6
12BE8	3	F	1	A	1	
12BE8	8	F	9	A	1	X-7
12BF6	2	F	1	A	12	
12BF6*	2	F	5	D	12	
12BF6*	2	F	6	D	12	
12BF11	2	F	3	A	9	X-6
12BF11	9	F	8	A	9	X-10
12BH7	3	F	2	A	1	
12BH7	8	F	7	A	1	
12BH11	2	F	4	A	9	
12BH11	5	F	6	A	4	
12BH11	11	F	8	A	9	X-9
12BK5	6	F	7	A	1	X-8
12BK6	2	F	1	A	12	
12BK6*	2	F	5	C	12	
12BK6*	2	F	6	C	12	
12BL6	7	F	1	A	12	X-6

TUBE	X	Y	Z	W	Skt	G-2 Sht
12BL7	6	F	4	A	5	
12BL7	3	F	1	A	5	
12BM5	2	F	1	A	12	X-6
12BN6	1	F	5	B(S)	12	X-2
12BQ6	8	F	5	A	4	X-4
12BR3*	11	F	9	A	1	
12BR7	3	F	2	A	1	
12BR7*	8	F	6	A	1	
12BR7*	8	F	7	A	1	
12BS3*	9	F	7	A	11	
12BT3*	7	F	10	A	9	
12BT6	2	F	1	A	12	
12BT6*	2	F	5	C	12	
12BT6*	2	F	6	C	12	
12BU6	2	F	1	A	12	
12BU6*	2	F	5	C	12	
12BU6*	2	F	6	C	12	
12BV7	1	F	2	A	1	X-8
12BV11	8	F	7	A	9	X-9
12BV11	5	F	6	A	9	X-4
12BW4*	9	F	1	A	1	
12BW4*	9	F	7	A	1	
12BX6	3	F	2	A	1	X-8
12BY7	1	F	2	A	1	X-8
12BZ6	2	F	1	A	12	X-6
12BZ7	3	F	2	A	1	
12BZ7	8	F	7	A	1	
12C5	1	F	2	A	12	X-6
12C8	8	F	11	A	4	
12C8*	8	F	4	C	4	
12C8*	8	F	5	C	4	
12CA5	1	F	2	A	12	X-6
12CB6	2	F	1	A	12	X-6
12CD6	3	F	5	A	4	X-8
12CK3*	9	F	7	A	11	
12CL3*	9	F	2	A	11	
12CM6	7	F	3	A	1	X-1
12CN5	1	F	2	A	12	X-6
12CR6	1	F	7	A	12	X-6
12CR6*	1	F	2	D	12	
12CS5	2	F	3	A	1	X-1
12CS6	2	F	1	A	12	X-6
12CS7	9	F	3	A	1	
12CS7	8	F	7	A	1	
12CT3	9	F	2	A	1	
12CT8	3	F	2	A	1	
12CT8	9	F	8	A	1	X-7
12CU5	1	F	2	A	12	X-6
12CU6	8	F	5	A	4	X-4
12CX6	7	F	1	A	12	X-6
12D4*	3	F	5	A	5	
12D8	9	F	3	A	1	
12D8	2	F	3	A	1	X-1
12DA6	3	F	2	A	1	X-8

TUBE	X	Y	Z	W	Skt	G-2 Sht
12DB5	2	F	3	A	1	X-1
12DE8	9	F	1	A	1	X-8
12DE8*	2	F	3	A	1	
12DF5*	3	F	1	A	1	
12DF5*	8	F	6	A	1	
12DF7	3	F	2	A	1	
12DF7	8	F	7	A	1	
12DJ8	3	F	2	A	1	
12DJ8	8	F	7	A	1	
12DK6	2	F	1	A	12	X-6
12DK7	2	F	1	A	1	X-3
12DK7*	2	F	6	A	1	
12DK7*	2	F	9	A	1	
12DL8	2	F	3	A	1	X-7
12DL8*	8	F	1	A	1	
12DL8*	8	F	9	A	1	
12DM4*	3	F	5	A	5	
12DM5	1	F	2	A	12	X-6
12DM7	3	F	2	A	1	
12DM7	8	F	7	A	1	
12DQ4*	3	F	5	A	5	
12DQ6	8	F	5	A	4	X-4
12DQ7	1	F	2	A	1	X-8
12DS7	8	F	3	A	1	X-7
12DS7*	8	F	1	C	1	
12DS7*	8	F	9	C	1	
12DT5	7	F	6	A	1	X-1
12DT6	2	F	1	A	12	X-6
12DT7	3	F	2	A	1	
12DT7	3	F	7	A	1	
12DT8	3	F	2	A	1	
12DT8	8	F	7	A	1	
12DU7	2	F	1	A	1	X-3
12DU7*	2	F	7	C	1	
12DU7*	2	F	9	C	1	
12DV7	8	F	7	B	1	
12DV7*	1	F	2	C	1	
12DV8	2	F	3	A	1	X-7
12DV8*	8	F	1	A	1	
12DV8*	8	F	9	A	1	
12DW4*	9	F	7	A	11	
12DW5	7	F	6	A	1	X-1
12DW7	3	F	2	A	1	
12DW7	8	F	7	A	1	
12DW8	3	F	2	A	1	
12DW8	8	F	7	A	1	
12DW8*	8	F	9	A	1	
12DY7	8	F	7	A	1	
12DY8	7	F	9	A	1	
12DY8	2	F	1	A	1	X-3
12DZ6	7	F	1	A	12	X-6
12DZ7	8	F	1	A	4	
12DZ7	8	F	5	A	4	X-4

TUBE	X	Y	Z	W	Skt	G-2 Sht
12DZ8	8	F	1	A	1	
12DZ8	2	F	3	A	1	X-7
12E5	8	F	5	A	4	
12EA6	7	F	1	A	12	X-6
12EC8	3	F	1	A	1	
12EC8	8	F	9	A	1	X-7
12ED5	1	F	2	A	12	X-6
12EF6	8	F	5	A	4	X-4
12EG6	2	F	1	A	12	X-6
12EH5	1	F	2	A	12	X-6
12EK6	7	F	1	A	12	X-6
12EL6	7	F	1	A	12	
12EL6*	7	F	5	C	12	
12EL6*	7	F	6	C	12	
12EM5	7	F	3	A	1	X-1
12EM6	2	F	1	A	1	X-3
12EM6*	2	F	9	C	1	
12EN6	8	F	5	A	4	X-4
12EQ7*	3	F	8	B	1	
12EQ7	3	F	2	A	1	X-6
12EZ6	7	F	1	A	12	X-6
12F5	8	F	11	A	4	
12F8	7	F	8	A	1	X-2
12F8*	7	F	6	C	1	
12F8*	7	F	1	C	1	
12FA6	2	F	1	A	12	X-6
12FK6	2	F	1	A	12	
12FK6*	2	F	5	C	12	
12FK6*	2	F	6	C	12	
12FM6	2	F	1	A	12	
12FM6*	2	F	5	C	12	
12FQ7	3	F	2	A	1	
12FQ7	8	F	7	A	1	
12FQ8	9	F	2	A	1	
12FQ8	9	F	7	A	1	
12FR8	2	F	1	A	1	
12FR8	3	F	12	B	1	Z-6
12FR8*	2	F	8	B	1	
12FV7	3	F	2	A	1	
12FV7	8	F	7	A	1	
12FX5	1	F	2	A	12	X-6
12FX8*	6	F	12	A	1	
12FX8	7	F	2	A	1	X-1
12FY8	8	F	1	A	1	
12FY8	2	F	3	A	1	X-7
12G4	7	F	6	A	12	
12G8	2	F	3	B	1	
12G8	7	F	8	B	1	
12G11	2	F	3	A	9	X-7
12G11	9	F	8	A	9	X-10
12GA6	2	F	1	A	12	X-6
12G-B3	8	F	5	A	4	X-4
12GB5	3	F	2	A	15	X-6
12G-B7	8	F	5	A	4	X-4

TUBE	X	Y	Z	W	Skt	G-2 Sht
12GC5	7	F	3	A	1	X-1
12GC6	3	F	5	A	4	X-8
12GE5	4	F	3	A	9	X-2
12GJ5	3	F	2	A	11	X-1
12GK17*	3	F	5	A	5	
12GN6	2	F	1	A	12	X-6
12GN6*	2	F	7	B	12	
12GN7	1	F	2	A	1	X-8
12GT5	3	F	2	A	11	X-1
12GV5	4	F	5	A	9	X-3
12GW6	8	F	5	A	4	X-4
12H4	7	F	6	A	12	
12H6*	4	F	3	A	4	
12H6*	8	F	5	A	4	
12H-B25	9	F	1	A	15	X-6
12HE7	4	F	2	A	9	
12HE7	8	F	9	A	9	X-11
12HG7	1	F	2	A	1	X-8
12HL5	3	F	1	A	1	X-9
12HL7	1	F	2	A	1	X-8
12HU8	7	F	2	A	1	X-1
12HU8	7	F	6	A	1	X-9
12J5	8	F	5	A	4	
12J7	8	F	11	A	4	X-4
12J8	2	F	1	A	1	X-3
12J8*	7	F	8	A	1	
12J8*	7	F	9	A	1	
12JB6	3	F	2	A	11	X-1
12JF5	4	F	3	A	9	X-2
12JM6	2	F	5	A	9	X-3
12JN6	2	F	11	A	9	X-8
12JN8	3	F	1	A	1	
12JN8	8	F	9	A	1	X-7
12JQ6	9	F	7	A	1	X-2
12JQ6	9	F	6	B	1	
12JS6	2	F	5	A	9	X-3
12JT6	3	F	2	A	11	X-7
12JZ8	6	F	9	A	9	X-8
12JZ8	11	F	10	A	9	
12K5	1	F	6	A	12	X-2
12K7	8	F	11	A	4	X-4
12K8	8	F	5	A	4	X-4
12KL8	3	F	2	A	1	X-6
12KL8*	3	F	8	C	1	
12L6	8	F	5	A	4	X-4
12MD8	7	F	6	A	12	
12MD8	7	F	8	A	11	
12MD8	7	F	9	A	11	
12Q7	8	F	11	A	4	
12Q7*	8	F	4	C	4	
12Q7*	8	F	5	C	4	
12R5	1	F	2	A	12	X-6
12R-K19*	11	F	9	A	1	

TUBE	X	Y	Z	W	Skt	G-2 Sht
12R-LL5	3	F	2	A	1	
12R-LL5	8	F	7	A	1	
12S8	2	F	11	A	4	
12S8*	2	F	1	C	4	
12S8*	2	F	4	C	4	
12S8*	5	F	3	C	4	
12SA7	6	F	5	A	4	X-4
12SB7	6	F	5	A	4	X-4
12SC7	6	F	3	A	5	
12SC7	6	F	4	A	5	
12SF5	2	F	3	A	5	
12SF7	3	F	2	A	5	X-4
12SF7*	3	F	5	C	5	
12SG7	3	F	4	A	4	X-6
12SH7	3	F	4	A	4	X-6
12SJ7	5	F	4	A	4	X-6
12SK7	5	F	4	A	4	X-6
12SL7	3	F	1	A	5	
12SL7	6	F	4	A	5	
12SN7	3	F	1	A	5	
12SN7	6	F	4	A	5	
12SQ7	3	F	2	A	5	
12SQ7*	3	F	4	C	5	
12SQ7*	3	F	5	C	5	
12SR7	3	F	2	A	5	
12SR7*	3	F	4	C	5	
12SR7*	3	F	5	C	5	
12SW7	3	F	2	A	5	
12SW7*	3	F	4	A	5	
12SW7*	3	F	5	A	5	
12SX7	3	F	1	A	5	
12SX7	6	F	4	A	5	
12SY7	6	F	5	A	4	X-4
12T10	2	F	3	A	9	X-6
12T10	9	F	8	A	9	X-10
12U7	3	F	2	B	1	
12U7	8	F	7	B	1	
12V6	8	F	5	A	4	X-4
12W6	8	F	5	A	4	X-4
12X4*	7	F	1	A	12	
12X4*	7	F	6	A	12	
13CM5	8	F	5	A	4	X-4
13CW4	8	F	4	A	10	
13CW9	1	F	2	A	1	
13D1	6	G	4	A	5	
13D1	3	G	1	A	5	
13D2	3	E	1	A	5	
13D2	6	E	4	A	5	
13D3	8	F	7	A	1	
13D3	3	F	2	A	1	
13DE7	9	F	2	A	1	
13DE7	8	F	7	A	1	
13DR7	9	F	2	A	1	
13DR7	8	F	7	A	1	

TUBE	X	Y	Z	W	Skt	G-2 Sht
13EM7	3	F	1	A	5	
13EM7	6	F	4	A	5	
13FD7	9	F	2	A	1	
13FD7	8	F	7	A	1	
13FM7	7	F	8	A	9	
13FM7	9	F	10	A	9	
13FR7	9	F	2	A	1	
13FR7	8	F	7	A	1	
13GB5	3	F	2	A	15	X-6
13GF7	3	F	2	A	11	
13GF7	1	F	9	A	11	
13J10	3	F	11	A	9	X-2
13J10	8	F	6	B(S)	9	
13JZ8	6	F	9	A	9	X-8
13JZ8	11	F	10	A	9	
13V10	2	F	3	A	9	X-6
13V10	9	F	8	A	9	X-10
13Z10	3	F	11	A	9	X-2
13Z10	8	F	6	B(S)	9	
14A4	7	F	6	A	8	
14A5	7	F	6	A	8	X-3
14A7	7	F	6	A	8	X-3
14AF7	2	F	4	A	8	
14AF7	7	F	5	A	8	
14B6	7	F	3	A	8	
14B6*	7	F	5	C	8	
14B6*	7	F	6	C	8	
14B8	7	F	4	A	8	X-3
14BF11	2	F	3	A	9	X-6
14BF11	9	F	8	A	9	X-10
14BL11	8	F	11	A	9	X-10
14BL11	6	F	5	A	9	
14BL11	4	F	3	A	9	
14BQ11	6	F	5	A	9	X-3
14BQ11	11	F	10	A	9	X-9
14BR11	5	F	8	A	9	
14BR11	7	F	10	A	9	
14BR11	4	F	2	A	9	X-3
14C5	7	F	6	A	8	X-3
14C7	7	F	6	A	8	X-3
14DA7	9	F	3	B	1	
14DA7	8	F	7	B	1	
14E6	7	F	3	A	8	
14E6*	7	F	5	C	8	
14E6*	7	F	6	C	8	
14E7	7	F	6	A	8	X-5
14E7*	7	F	3	C	8	
14E7*	7	F	4	C	8	
14F7	2	F	4	A	8	
14F7	7	F	5	A	8	
14G6	3	F	2	A	1	
14G6*	3	F	8	A	1	
14G6*	3	F	6	A	1	

TUBE	X	Y	Z	W	Skt	G-2
						Sht
14GT8	7	F	8	B	1	
14GT8*	1	F	6	A	1	
14GT8*	3	F	2	A	1	
14GW8	2	F	1	A	1	
14GW8	7	F	8	A	1	X-3
14H7	7	F	6	A	8	X-3
14J7	7	F	4	A	8	
14J7	7	F	6	A	8	X-5
14K7	2	F	4	A	8	
14K7*	7	F	5	C	8	
14K7*	7	F	6	C	8	
14N7	2	F	4	A	8	
14N7	7	F	5	A	8	
14Q7	7	F	4	A	8	X-3
14R7	7	F	6	A	8	X-5
14R7*	7	F	3	C	8	
14R7*	7	F	4	C	8	
14S7	7	F	4	A	8	
14S7	7	F	6	A	8	X-5
14W7	7	F	6	A	8	X-3
14X7	4	F	3	A	8	
14X7*	4	F	5	C	8	
14X7*	4	F	6	C	8	
14Y4*	7	F	3	A	8	
14Y4*	7	F	6	A	8	
14Y7	3	G	9	A	1	
14Y7	3	G	2	A	1	X-1
15A6	3	F	2	A	1	X-1
15A8	1	F	3	A	1	
15A8	6	F	4	A	1	X-5
15AF11	7	F	3	A	9	
15AF11	5	F	6	A	9	
15AF11	9	F	11	A	9	X-10
15BD11	7	F	3	A	9	
15BD11	5	F	6	A	9	
15BD11	9	F	11	A	9	X-10
15CW4	3	F	2	A	1	X-9
15CW5	3	F	2	A	1	X-9
15DQ8	3	F	1	A	1	
15DQ8	7	F	8	A	1	X-9
15EA7	7	F	1	A	5	
15EA7	6	F	4	A	5	
15EW6	2	F	1	A	12	X-6
15EW7	8	F	7	A	1	
15EW7	2	F	9	A	1	
15FM7	7	F	8	A	9	
15FM7	9	F	10	A	9	
15FO7	1	F	2	A	1	
15FY7	7	F	3	A	9	
15FY7	9	F	10	A	9	
15HA6	1	F	2	A	1	X-6
15HB6	1	F	2	A	1	X-6
15HG8	3	F	6	A	1	
15HG8	1	F	2	A	1	X-9

TUBE	X	Y	Z	W	Skt	G-2
						Sht
15KY8	1	F	9	A	11	
15KY8	3	F	2	A	11	X-7
15LE8	3	F	9	A	1	
15MF8	6	F	9	A	9	X-8
15MF8	11	F	10	A	9	
15MX8	1	F	9	A	11	
15MX8	3	F	2	A	11	X-7
16A5	3	F	2	A	1	X-9
16A8	8	F	1	A	1	
16A8	2	F	3	A	1	X-7
16AK9*	7	F	3	A	9	
16AK9	7	F	10	A	9	
16AK9	7	F	8	A	9	X-9
16AQ3*	11	F	9	A	1	
16BQ11	6	F	5	A	9	X-3
16BQ11	11	F	10	A	9	X-9
16BX11	10	F	2	A	9	X-3
16BX11	4	F	5	A	9	
16BX11	9	F	8	A	9	
16C-B28	5	F	2	A	9	X-3
16GK6	1	F	2	A	1	X-8
16GK8	8	F	1	A	1	
16GK8	2	F	3	A	1	X-7
16GY5	4	F	5	A	9	X-3
16HB5	4	F	3	A	9	X-2
16KA6	10	F	5	A	9	X-3
16LD6	1	F	2	A	1	X-8
16LU8	11	F	10	A	9	
16LU8	9	F	6	A	9	X-8
16MY8	11	F	10	A	9	
16MY8	9	F	6	A	9	X-8
16Y9	2	F	1	A	3	X-3
16Y9	7	F	8	A	3	X-9
17A8	8	F	9	A	1	
17A8	7	F	2	A	1	X-3
17AB10	3	F	11	A	9	X-2
17AB10	8	F	6	C(S)	9	
17AU5	3	F	1	A	4	X-8
17AV5	3	F	1	A	4	X-8
17AX3*	7	F	4	A	9	
17AX4*	3	F	5	A	5	
17AY3*	9	F	7	A	11	
17B-B14	3	F	1	A	15	X-6
17BD11	7	F	3	A	9	
17BD11	5	F	6	A	9	
17BD11	9	F	11	A	9	
17BE3*	7	F	10	A	9	
17BF11	2	F	3	A	9	X-6
17BF11	9	F	8	A	9	X-10
17BH3*	9	F	7	A	11	
17BQ6	8	F	5	A	4	X-4
17BR3*	11	F	9	A	1	
17BS3*	9	F	7	A	11	
17BW3*	7	F	4	A	9	

TUBE	X	Y	Z	W	Skt	G-2 Sht
17BY7	1	F	2	A	1	X-8
17BZ3*	7	F	4	A	9	
17C5	1	F	2	A	12	X-6
17C8	3	F	2	A	1	X-1
17C8*	3	F	7	B	1	
17C8*	3	F	8	B	1	
17C9	10	F	1	A	1	X-2
17C9	6	F	7	A	1	X-8
17CA5	1	F	2	A	12	X-6
17CK3*	9	F	7	A	11	
17CL3*	9	F	2	A	11	
17CT3	9	F	2	A	1	
17CU5	1	F	2	A	12	X-6
17D4*	3	F	5	A	5	
17DE4*	3	F	5	A	5	
17DG6	8	F	5	A	4	X-4
17DM4*	3	F	5	A	5	
17DQ4*	3	F	5	A	5	
17DQ6	8	F	5	A	4	X-4
17DW4*	9	F	7	A	11	
17EW8	3	F	2	A	1	
17EW8	8	F	7	A	1	
17FY7	9	F	10	A	9	
17FY7	7	F	3	A	9	
17GE5	4	F	3	A	9	X-2
17GJ5	3	F	2	A	11	X-1
17GT5	3	F	2	A	11	X-1
17GT6	1	F	2	A	1	
17GV5	4	F	5	A	9	X-3
17GW6	8	F	5	A	4	X-4
17GY5	4	F	5	A	9	X-3
17H3*	1	F	3	A	1	
17H-B25	9	F	1	A	15	X-6
17HC8	8	F	1	A	1	
17HC8	2	F	3	A	1	X-7
17JB6	3	F	2	A	11	X-1
17JF6	3	F	2	A	11	X-1
17JG6	3	F	2	A	11	X-1
17JK8	3	F	2	A	1	
17JK8	8	F	7	A	1	
17JM6	2	F	5	A	9	X-3
17JN6	2	F	11	A	9	X-8
17JQ6	9	F	7	A	1	X-2
17JQ6	9	F	6	B	1	
17JR6	3	F	2	A	11	X-1
17JS6	2	F	5	A	9	X-3
17JT6	3	F	2	A	11	X-7
17JZ8	9	F	7	A	9	X-8
17JZ8	11	F	10	A	9	
17KV6	3	F	2	A	11	X-1
17L6	8	F	5	A	4	X-4
17LD8	1	F	9	A	1	
17LD8	3	F	2	A	1	X-7
17R5	1	F	2	A	12	X-6
17W6	8	F	5	A	4	X-4

TUBE	X	Y	Z	W	Skt	G-2 Sht
17X10	3	F	11	A	9	X-2
17X10	8	F	6	B(S)	9	X-7
17Y9	2	F	1	A	3	X-3
17Y9	7	F	8	A	3	X-9
17Z3*	11	F	9	A	1	
18A5	3	G	1	A	4	X-8
18AJ10	2	G	3	A	9	X-6
18AJ10	9	G	8	A	9	X-10
18DZ8	8	G	1	A	1	
18DZ8	2	G	3	A	1	X-7
18FW6	7	G	1	A	12	X-6
18FX6	2	G	1	A	12	X-6
18FY6	2	G	1	A	12	
18FY6*	2	G	5	C	12	
18FY6*	2	G	6	C	12	
18GB5	3	G	2	A	15	X-6
18GD6	7	G	1	A	12	X-6
18GE6	2	G	1	A	12	
18GE6*	2	G	5	C	12	
12GE6*	2	G	6	C	12	
18GV8	3	G	2	A	1	
18HB8	2	G	1	A	1	
18HB8	8	G	9	A	1	X-6
18R-AL1	8	G	7	B	1	
18R-AL1	9	G	2	A	1	
19AJ8	3	G	9	A	1	
19AJ8	3	G	2	A	1	X-1
19AQ5	2	G	1	A	12	X-6
19AU4*	3	F	5	A	5	
19BD*	3	G	9	A	1	
19BG6	3	G	5	A	4	X-8
19BR5	2	G	1	A	1	
19BX6	3	G	2	A	1	X-8
19C8	7	G	8	A	1	
19C8*	7	G	1	A	1	
19C8*	7	G	6	A	1	
19C8*	3	G	2	A	1	
19CG3*	7	G	4	A	9	
19CL8	3	G	1	A	1	
19CL8	8	G	9	A	1	X-7
19D8	3	G	9	A	1	
19D8	3	G	2	A	1	X-1
19DC8	3	G	2	A	1	X-1
19DC8	3	G	7	C	1	
19DC8	3	G	8	C	1	
19DE3	4	G	11	A	9	
19DE7	9	G	2	A	1	
19DE7	8	G	7	A	1	
19EA8	8	G	9	A	1	
19EA8	7	G	2	A	1	X-3
19EZ8	1	G	2	A	1	
19EZ8	7	G	12	A	1	
19EZ8	9	G	12	A	1	

TUBE	X	Y	Z	W	Skt	G-2 Sht
19FL8	3	G	2	A	1	X-1
19FL8*	3	G	7	A	1	
19FL8*	3	G	8	A	1	
19FX5	1	G	2	A	12	X-6
19GK6	1	G	2	A	1	X-8
19GQ7*	1	G	2	A	1	
19GQ7*	7	G	6	A	1	
19GQ7*	9	G	8	A	1	
19HR6	7	G	1	A	12	X-6
19HS6	7	G	1	A	12	X-6
19HV8	3	G	1	A	1	
19HV8	8	G	9	A	1	X-7
19J6	7	G	5	A	12	
19J6	7	G	6	A	12	
19JC6	1	G	2	A	1	X-8
19JN8	3	G	1	A	1	
19JN8	8	G	9	A	1	X-7
19KF6	3	G	1	A	15	X-6
19KG8	3	G	2	A	1	
19KG8	8	G	9	A	1	X-7
19MR9	7	G	1	A	12	X-6
19Q9	10	G	1	A	1	X-2
19Q9	7	G	8	A	1	
19SU*	3	G	9	A	1	
19T8	7	G	8	A	1	
19T8*	7	G	1	A	1	
19T8*	7	G	6	A	1	
19T8*	3	G	2	A	1	
19U3*	3	G	9	A	1	
19V8	3	G	6	A	1	
19V8*	3	G	2	A	1	
19V8*	3	G	9	A	1	
19V8*	8	G	7	A	1	
19W3*	3	G	9	A	1	
19X3*	3	G	9	A	1	
19X8	6	G	2	A	1	
19X8	6	G	7	A	1	X-8
19Y3*	3	G	9	A	1	
20AQ3*	11	G	9	A	1	
20D4	3	E	9	A	1	
20D4	3	E	2	A	1	
20EG7	3	G	1	A	5	
20EG7	6	G	4	A	5	
20EQ7	3	G	2	A	1	X-6
20EQ7*	3	G	8	B	1	
20EW7	8	G	7	A	1	
20EW7	2	G	9	A	1	
20EZ7	4	G	5	A	2	
20EZ7	9	G	8	A	2	
20LF6	2	G	5	A	9	X-3
21A6	3	G	2	A	1	X-8
21AK6	7	G	1	A	12	X-6
21EF6	8	G	5	A	4	X-4
21EX6	3	G	5	A	4	X-8

TUBE	X	Y	Z	W	Skt	G-2 Sht
21GV5	4	G	5	A	9	X-3
21GY5	4	G	5	A	9	X-3
21HB3	1	G	2	A	1	
21HB5	4	G	3	A	9	X-2
21HD5	4	G	3	A	9	X-5
21HJ5	2	G	3	A	9	X-5
21JS6	2	G	5	A	9	X-3
21JV6	2	G	11	A	9	X-3
21JZ6	2	G	5	A	9	X-3
21KA6	10	G	5	A	9	X-3
21KQ6	9	G	1	A	15	X-3
21LG6	4	G	5	A	9	X-11
21LR8	1	G	9	A	11	
21LR8	3	G	2	A	11	X-7
21LU8	11	G	10	A	9	
21LU8	9	G	6	A	9	X-8
21MY8	11	G	10	A	9	
21MY8	9	G	6	A	9	X-8
22BH3*	9	G	7	A	11	
22BW3*	7	G	4	A	9	
22BW6	3	G	1	A	1	X-8
22DE4*	3	G	5	A	5	
22JF6	3	G	2	A	11	X-1
22JG6	3	G	2	A	11	X-1
22JR6	3	G	2	A	11	X-1
22JU6	3	G	2	A	11	X-1
22KM6	3	G	2	A	11	X-1
22KV6	3	G	2	A	11	X-1
23JS6	2	G	5	A	9	X-3
23MB6	2	G	5	A	9	X-3
23Z9	7	G	3	B	9	
23Z9	7	G	10	A	9	
23Z9	7	G	8	A	9	X-9
24AX4*	3	G	5	A	5	
24BF11	2	G	3	A	9	X-6
24BF11	9	G	8	A	9	X-10
24JE6	3	G	2	A	11	X-1
24JZ8	6	G	9	A	9	X-8
24JZ8	11	G	10	A	9	
24LQ6	3	G	2	A	11	X-1
24LZ6	2	G	3	A	11	X-1
25A6	8	G	5	A	4	X-4
25A7	8	G	5	A	4	X-4
25A7*	1	G	6	A	4	
25AC5	8	G	5	A	4	
25AU4*	3	G	5	A	5	
25AV5	3	G	1	A	4	X-8
25AX4*	3	G	5	A	5	
25B6	8	G	5	A	4	X-4
25B8	6	G	8	A	4	
25B8	1	G	11	A	4	X-4
25B-B14	3	G	1	A	15	X-6
25BK5	6	G	7	A	1	X-8
25BQ6	8	G	5	A	4	X-4

TUBE	X	Y	Z	W	Skt	G-2 Sht
25BR3*	11	G	9	A	1	
25C5	1	G	2	A	12	X-6
25C6	8	G	5	A	4	X-4
25CA5	1	G	2	A	12	X-6
25CD6	3	G	5	A	4	X-8
25CG3*	7	G	4	A	9	
25CG6	7	G	1	A	12	X-6
25CK3	9	G	7	A	11	
25CM3	9	G	2	A	11	
25CT3	9	G	2	A	1	
25CU6	8	G	5	A	4	X-4
25D4*	3	G	5	A	5	
25D8	1	G	5	A	4	
25D8	1	G	11	A	4	X-4
25D8*	1	G	8	A	4	
25DK4*	7	G	5	A	12	
25DL3	11	G	2	A	11	
25DN6	3	G	5	A	4	X-8
25DQ6	8	G	5	A	4	X-4
25DT5	7	G	6	A	1	X-1
25E5	8	G	5	A	4	X-4
25EC6	3	G	5	A	4	X-8
25EH5	1	G	2	A	12	X-6
25F5	1	G	2	A	12	X-6
25FY8	8	G	1	A	1	
25FY8	2	G	3	A	1	X-7
25GB6	8	G	5	A	4	X-4
25HX5	1	G	2	A	15	X-6
25JQ6	9	G	7	A	1	X-2
25JQ6	9	G	6	B	1	
25JZ8	6	G	9	A	9	X-8
25JZ8	11	G	10	A	9	
25L6	8	G	5	A	4	X-4
25N6	8	G	5	A	4	
25W4*	3	G	5	A	5	
25W6	8	G	5	A	4	X-4
25X6*	4	G	3	A	4	
25X6*	8	G	5	A	4	
25Z4*	8	G	5	A	4	
25Z6*	4	G	3	A	4	
25Z6*	8	G	5	A	4	
26A6	7	G	1	A	12	X-6
26AQ8	3	G	2	A	1	
26AQ8	8	G	7	A	1	
26BK6	2	G	1	A	12	
26BK6*	2	G	5	C	12	
26BK6*	2	G	6	C	12	
26C6	2	G	1	A	12	
26C6*	2	G	5	C	12	
26C6*	2	G	6	C	12	
26CG6	7	G	1	A	12	X-6
26D6	2	G	1	A	12	X-6
26DQ5	3	G	1	A	4	X-4
26HU5	1	G	2	A	5	X-3

TUBE	X	Y	Z	W	Skt	G-2 Sht
26LX6	2	G	5	A	9	X-3
26Z5W*	3	G	1	A	1	
26Z5W*	8	G	6	A	1	
27GB5	3	G	2	A	15	X-6
27KG6	9	G	1	A	15	X-3
27LF6	2	G	5	A	9	X-3
28D7	6	G	2	A	8	X-3
28D7	6	G	7	A	8	
28GB5	3	G	2	A	15	X-6
28HA6	1	G	2	A	1	X-6
28HD5	4	G	3	A	9	X-5
28Z5*	7	G	3	A	8	
28Z5*	7	G	6	A	8	
29GK6	1	G	2	A	1	X-8
29KQ6	9	G	1	A	15	X-3
29LE6	1	G	9	A	15	X-3
30A5	1	G	2	A	12	X-6
30AE3*	11	G	9	A	1	
30AG11	2	G	3	A	9	
30AG11	11	G	10	A	9	
30AG11	4	G	5	A	9	
30AG11	9	G	8	A	9	
30C1	8	E	1	A	1	
30C1	2	E	3	A	1	X-7
30CW5	3	G	2	A	1	X-9
30F5	3	E	2	A	1	X-8
30HD5	4	G	3	A	9	X-5
30HJ5	2	G	3	A	9	X-5
30JZ6	2	G	5	A	9	X-3
30KD6	2	G	5	A	9	X-3
30KG6	9	G	1	A	15	X-3
30L1	1	E	2	A	1	
30L1	7	E	6	A	1	
30MB6	2	G	5	A	9	X-3
30M-P23	1	G	2	A	12	X-6
30M-P27	1	G	2	A	12	X-6
30P4	8	G	5	A	4	X-4
30P16	3	F	2	A	1	X-9
30P18	3	F	2	A	1	X-9
30PL1	8	F	1	A	1	
30PL1	2	F	3	A	1	X-7
30PL13	8	F	1	A	1	
30PL13	2	F	3	A	1	X-7
31AL10	8	G	7	A	9	X-5
31AL10	11	G	10	A	9	
31JS6	2	G	5	A	9	X-3
31LQ6	3	G	2	A	11	X-1
31LR8	1	G	9	A	11	
31LR8	3	G	2	A	11	X-7
31LZ6	3	F	2	A	11	X-1
32A8	8	G	1	A	1	
32A8	2	G	3	A	1	X-7
32ET5	1	G	2	A	12	X-6
32HQ7	4	G	2	A	9	
32HQ7	9	G	8	A	9	X-11

G-2							28							G-2	
TUBE	X	Y	Z	W	Skt	Sht	TUBE	X	Y	Z	W	Skt	Sht		
32L7	8	G	5	A	4	X-4	50B5	2	H	1	A	12	X-6		
32L7*	1	G	6	A	4		50BK5	6	H	7	A	1	X-8		
33GT7	8	G	9	A	9	X-10	50BM8	8	H	9	A	1			
33GT7*	4	G	2	A	9		50BM8	2	H	3	A	1	X-7		
33GY7	8	G	9	A	9	X-11	50C5	1	H	2	A	12	X-6		
33GY7*	4	G	2	A	9		50C6	8	H	5	A	4	X-4		
33HE7*	4	G	2	A	9		50CA5	1	H	2	A	12	X-6		
33HE7	8	G	9	A	9	X-11	50CD6	3	H	5	A	4	X-8		
33JR6	3	G	2	A	11	X-1	50DC4*	7	H	5	A	12			
33JV6	2	G	11	A	9	X-3	50EH5	1	H	2	A	12	X-6		
34CD3*	7	G	4	A	9		50FA5	1	H	2	A	12	X-4		
34CE3	7	G	4	A	9		50FE5	8	H	5	A	4	X-4		
34CM3	9	G	2	A	11		50FK5	1	H	2	A	12	X-6		
34GD5	1	G	2	A	12	X-6	50FY8	8	H	1	A	1			
34R3*	11	G	9	A	1		50FY8	2	H	3	A	1	X-7		
35A5	7	G	6	A	8	X-3	50GY7	8	H	9	A	9	X-11		
35B5	2	G	1	A	12	X-6	50GY7*	4	H	2	A	9			
35C5	1	G	2	A	12	X-6	50HC6	1	H	2	A	12	X-5		
35CD6	3	G	5	A	4	X-8	50HK6	1	H	2	A	12	X-5		
35DZ8	8	G	1	A	1		50HN5	3	H	1	A	1	X-9		
35DZ8	2	G	3	A	1	X-7	50JY6	8	H	5	A	4	X-4		
35EH5	1	G	2	A	12	X-6	50L6	8	H	5	A	4	X-4		
35GL6	1	G	2	A	12	X-5	50X6*	2	H	3	A	8			
35HB5	2	G	1	A	1		50X6*	7	H	6	A	8			
35HB8	8	G	9	A	1	X-6	50Y6*	4	H	3	A	4			
35L6	8	G	5	A	4	X-4	50Y6*	8	H	5	A	4			
35LR6	2	G	5	A	9	X-3	50Y7*	4	H	3	A	4			
35W4*	7	G	5	A	12		50Y7*	8	H	5	A	4			
35Y4*	7	G	2	A	8		50Z6*	4	H	5	A	4			
35Z3*	7	G	2	A	8		50Z6*	8	H	5	A	4			
35Z4*	8	G	5	A	4		50Z7*	4	H	3	A	4			
35Z5*	8	G	5	A	4		50Z7*	8	H	5	A	4			
35Z6*	4	G	3	A	4		52KU*	4	D	12	A	6			
35Z6*	8	G	5	A	4		52KU*	6	D	12	A	6			
36AM3*	7	G	5	A	12		53HK7	8	H	9	A	9	X-11		
36KD6	2	G	5	A	9	X-3	53HK7*	4	H	2	A	9			
36MC6	3	G	2	A	11	X-1	53KU*	4	D	12	A	6			
38A3*	3	H	9	A	1		53KU*	6	D	12	A	6			
38HE7*	4	G	2	A	9		54KU*	4	D	12	A	6			
38HE7	8	G	9	A	9	X-11	54KU*	6	D	12	A	6			
38HK7*	4	G	2	A	9		55N3*	3	H	9	A	1			
38HK7	8	G	9	A	9	X-11	56R9	4	H	3	A	9			
40FR5	1	H	2	A	12	X-6	56R9	10	H	9	A	9	X-11		
40KD6	2	H	5	A	9	X-3	58HE7*	4	H	2	A	9			
40KG6	9	H	1	A	15	X-3	58HE7	8	H	9	A	9	X-11		
40Z5	1	H	2	A	12	X-6	60FX5	1	H	2	A	12	X-6		
42EC4*	11	H	2	A	15		60HL5	3	H	1	A	1	X-9		
42KN6	2	H	5	A	9	X-3	63T1	3	E	2	A	1			
45B5	3	H	2	A	1	X-9	63T1	3	E	9	A	1	X-8		
45Z3*	4	H	2	A	12		63TP	3	E	2	A	1			
45Z5*	8	H	5	A	4		63TP	3	E	9	A	1	X-8		
50A5	7	H	6	A	8	X-3	64ME	8	E	4	D	4			
50AX6*	4	H	3	A	4		64SPT	3	E	2	A	1	X-8		
50AX6*	8	H	5	A	4		65ME	3	E	1	A	1			

TUBE	X	Y	Z	W	Skt	G-2 Sht
70A7	8	H	5	A	4	X-4
70A7*	1	E	6	A	4	
70L6	8	H	5	A	4	X-4
70L7	6	H	5	A	4	X-4
70L7*	1	H	8	A	4	
117L7	8	J	4	A	4	X-5
117L7	1	J	6	A	4	
117M7	8	J	4	A	4	X-5
117M7*	1	J	6	A	4	
117N7	6	J	4	A	4	X-5
117N7*	8	J	12	A	4	
117P7	6	J	4	A	4	X-5
117P7	8	J	12	A	4	
117Z3*	6	J	5	A	12	
117Z4*	8	J	5	A	4	
117Z6*	4	J	3	A	4	
117Z6*	8	J	5	A	4	
141TH*	7	F	5	C	8	
141TH*	7	F	6	C	8	
163	3	F	2	A	1	X-9
171DDP	3	F	2	A	1	X-1
171DDP*	3	F	7	B	1	
171DDP*	3	F	8	B	1	
213	3	G	2	A	1	X-8
274B*	4	D	12	A	6	
274B*	6	D	12	A	6	
401A	2	E	1	A	12	X-6
403B	2	E	1	A	12	X-6
408A	2	E	1	A	12	X-6
421A	3	E	1	A	5	
421A	6	E	4	A	5	
1201	4	E	1	A	6	
1203A*	7	E	4	B	8	
1204	4	E	5	A	4	X-1
1206	7	E	4	A	8	X-3
1206	7	E	5	A	8	
1216	7	E	5	A	12	
1216	7	E	6	A	12	
1217	2	E	1	A	12	X-6
1223	8	E	11	A	4	X-4
1231	7	E	6	A	8	X-3
1232	7	E	6	A	8	X-3
1238	6	G	2	A	8	X-3
1238	6	G	7	A	8	
1273	7	E	6	A	8	X-3
1274*	8	E	3	A	4	
1274*	8	E	5	A	4	
1280	7	F	6	A	8	X-3
1284	7	F	6	A	8	X-3
1291	3	C	12	A	8	
1291	6	C	12	A	8	
1294	7	B	4	C	8	
1299	6	B	12	A	8	X-3

TUBE	X	Y	Z	W	Skt	G-2 Sht
1560*	4	D	12	B	6	
1560*	6	D	12	B	6	
1611	8	E	5	A	4	X-4
1612	8	E	11	A	4	X-4
1614	8	E	5	A	4	X-4
1620	8	E	11	A	4	X-4
1621	8	E	5	A	4	X-4
1622	8	E	5	A	4	X-4
1626	8	F	5	A	4	
1629	8	F	5	C	4	
1631	8	F	5	A	4	X-4
1632	8	F	5	A	4	X-4
1633	3	G	1	A	5	
1633	6	G	4	A	5	
1634	6	F	3	A	5	
1634	6	F	4	A	5	
1635	8	E	4	A	4	
1635	8	E	5	A	4	
1639	7	E	3	A	8	
1639*	7	E	5	C	8	
1639*	7	E	6	C	8	
1852	5	E	4	A	4	X-6
1853	5	E	4	A	4	X-6
2050	8	E	5	A	4	X-6
4604	5	E	12	A	4	Z-3
5187	8	E	5	A	4	X-4
5516	5	E	12	A	4	Z-3
5590	2	E	1	A	12	
5591	2	E	1	A	12	
5595	2	E	1	A	12	
5610	7	E	6	A	12	
5618	6	E	12	A	13	Z-3
5626*	5	E	2	A	12	
5626*	1	E	7	A	12	
5642*	11	B	12	B(S)1		
Insert leads into pins 4&5 of socket. Connect top lead to cap.						
5654	2	E	1	A	12	X-6
5679*	2	E	3	A	8	
5679*	7	E	6	A	8	
5686	1	E	2	A	1	X-6
5687	3	F	2	A	1	
5687	6	F	7	A	1	
5691	6	E	4	A	5	
5691	3	E	1	A	5	
5692	3	E	1	A	5	
5692	6	E	4	A	5	
5693	5	E	4	A	4	X-6
5694	1	E	4	A	4	
5694	8	E	5	A	4	
5696	2	E	1	A	12	X-5
5725	2	E	1	A	12	X-6
5726*	5	E	2	A	12	
5726*	1	E	7	A	12	

TUBE	X	Y	Z	W	Skt	G-2	TUBE	X	Y	Z	W	Skt	G-2
						Sht							Sht
5727	2	E	1	A	12	X-5	6045	7	E	5	A	12	
5732	8	E	11	A	4	X-4	6045	7	E	6	A	12	
5749	7	E	1	A	12	X-6	6046	8	G	5	A	4	X-4
5750	2	E	1	A	12	X-6	6054	8	E	11	A	4	X-4
5751	3	F	2	A	1		6057	3	F	2	A	1	
5751	8	F	7	A	1		6057	8	F	7	A	1	
5755	3	E	1	A	5		6058*	5	E	2	A	12	
5755	6	E	4	A	5		6058*	1	E	7	A	12	
5763	7	E	8	A	1	X-6	6059	3	E	2	A	1	X-8
5814	3	F	2	A	1		6060	3	F	2	A	1	
5814	8	F	7	A	1		6060	8	F	7	A	1	
5824	8	G	5	A	4	X-4	6061	3	E	1	A	1	
5838*	8	E	3	A	4		6063*	7	E	1	A	12	
5838*	8	E	5	A	4		6063*	7	E	6	A	12	
5839*	8	E	3	A	4		6064	2	E	1	A	12	X-7
5839*	8	E	5	A	4		6065	2	E	1	A	12	X-6
5844	7	E	5	A	12		6066	2	E	1	A	12	
5844	7	E	6	A	12		6066*	2	E	6	C	12	
5845*	1	D	12	A	12		6066*	2	E	5	C	12	
5845*	5	D	12	A	12		6067	3	F	2	A	1	
5852*	8	E	3	A	4		6067	8	F	7	A	1	
5852*	8	E	5	A	4		6072	3	F	2	A	1	
5871	8	E	5	A	4	X-4	6072	8	F	7	A	1	
5879	3	E	1	A	1	X-7	6080	3	E	1	A	5	
5881	8	E	5	A	4	X-4	6080	6	E	4	A	5	
5910	6	B	12	B	13	Z-3	6082	3	E	1	A	5	
5915	2	E	1	A	12	X-6	6082	6	E	4	A	5	
5920	7	E	5	A	12		6084	3	E	9	A	1	X-1
5920	7	E	6	A	12		6085	3	F	2	A	1	
5929	7	E	5	A	12		6085	8	F	7	A	1	
5929	7	E	6	A	12		6087*	4	D	12	B	6	
5931*	4	D	12	B	6		6087*	4	D	12	B	6	
5931*	6	D	12	B	6		6094	2	E	1	A	12	X-6
5932	8	E	5	A	4	X-4	6095	3	E	1	A	12	X-6
5961	6	E	5	A	4	X-4	6096	2	E	1	A	12	X-6
5963	3	F	2	A	1		6097*	5	E	2	A	12	
5963	8	F	7	A	1		6097*	1	E	7	A	12	
5964	7	E	5	A	12		6099	7	E	5	A	12	
5964	7	E	6	A	12		6099	7	E	6	A	12	
5965	3	F	2	A	1		6100	7	E	6	A	12	
5965	8	F	7	A	1		6101	7	E	5	A	12	
5993*	7	E	1	A	12		6101	7	E	6	A	12	
5993*	7	E	6	A	12		6106*	4	D	12	B	6	
5998	3	E	1	A	5		6106*	6	D	12	B	6	
5998	6	E	4	A	5		6113	3	E	1	A	5	
6000	3	G	1	A	4	X-8	6113	6	E	4	A	5	
6004*	4	D	12	B	6		6118	8	E	12	A	4	
6004*	6	D	12	B	6		6118*	8	E	5	A	12	
6005	2	E	1	A	12	X-6	6118*	8	E	4	A	4	
6006	3	E	4	A	12	X-6	6132	3	E	2	A	1	X-8
6012	1	E	3	B	4	X-8	6134	5	E	4	A	4	X-3
6028	2	E	1	A	12	X-6	6135	7	E	6	A	12	
6042	3	E	1	A	5		6136	7	E	1	A	12	X-6
6042	6	E	4	A	5		6137	5	E	4	A	4	X-6

TUBE	X	Y	Z	W	Skt	G-2 Sht	31 TUBE	X	Y	Z	W	Skt	G-2 Sht
6146	6	E	5	A	4	X-3	6677	1	E	2	A	1	X-3
6180	3	E	1	A	5		6678	8	E	9	A	1	
6180	6	E	4	A	5		6678	7	E	2	A	1	
6185	2	E	1	A	12	X-6	6679	3	F	2	A	1	
6186	2	E	1	A	12	X-6	6679	8	F	7	A	1	
6187	3	E	1	A	5		6680	3	F	2	A	1	
6187	6	E	4	A	5		6680	8	F	7	A	1	
6188	3	E	1	A	5		6681	3	F	2	A	1	
6188	6	E	4	A	5		6681	8	F	7	A	1	
6189	3	F	2	A	1		6686	3	E	2	A	1	X-8
6189	8	F	7	A	1		6687	2	E	1	A	12	X-6
6197	1	E	2	A	1	X-3	6688	1	E	2	A	1	X-9
6201	3	F	2	A	1		6689	3	E	2	A	1	X-1
6201	8	F	7	A	1		6760	3	G	2	A	1	X-7
6202*	7	E	1	A	12		6761	3	E	2	A	1	X-7
6202*	7	E	6	A	12		6829	3	F	2	A	1	
6203*	7	E	1	A	1		6829	3	F	7	A	1	
6203*	7	E	6	A	1		6870	1	F	2	A	1	X-8
6211	3	F	2	A	1		6883	6	F	5	A	4	X-3
6211	8	F	7	A	1		6887*	5	E	2	A	12	
6216	3	E	2	A	1	X-7	6887*	1	E	7	A	12	
6227	3	E	2	A	1	X-8	6893	1	E	5	A	4	X-2
6265	2	E	1	A	12	X-6	6913	3	F	2	A	1	
6267	3	E	9	A	1	X-1	6913	8	F	7	A	1	
6336	3	E	1	A	5		6922	3	E	2	A	1	
6336	6	E	4	A	5		6922	8	E	7	A	1	
6350	2	F	3	A	1		6927	7	E	5	A	12	
6350	7	F	8	A	1		6927	7	E	6	A	12	
6360	2	F	3	A	1	X-7	6939	2	F	3	A	1	X-7
6360	2	F	1	A	1		6939	2	F	1	A	1	
6374*	3	E	11	A	1		6955	3	F	2	A	1	
6394	3	E	1	A	5		6955	8	F	7	A	1	
6394	6	E	4	A	5		6968	2	E	1	A	12	X-6
6443*	3	E	11	A	1		6973	7	E	3	A	1	X-1
6463	2	F	3	A	1		7000	8	E	11	A	4	X-4
6463	7	F	8	A	1		7001	2	E	1	A	12	X-6
6485	7	E	1	A	12	X-6	7025	3	F	2	A	1	
6486	2	E	1	A	12	X-6	7025	8	F	7	A	1	
6516	2	E	1	A	12	X-7	7025A	3	F	2	A	1	
6520	3	E	1	A	5		7025A	8	F	7	A	1	
6520	6	E	4	A	5		7027	8	E	6	A	4	X-1
6528	3	E	1	A	5		7027A	8	E	6	A	4	X-1
6528	6	E	4	A	5		7032	2	E	1	A	12	X-6
6550	8	E	5	A	4	X-4	7036	2	E	1	A	12	X-6
6660	7	E	1	A	12	X-6	7044	3	F	2	A	1	
6661	2	E	1	A	12	X-6	7044	6	F	7	A	1	
6662	2	E	1	A	12	X-6	7054	1	F	2	A	1	X-8
6663	5	E	2	A	12		7055	5	E	2	A	12	
6663	1	E	7	A	12		7055	1	E	7	A	12	
6664	7	E	6	A	12		7056	2	E	1	A	12	X-6
6669	2	E	1	A	12	X-6	7057	3	F	2	A	1	
6670	5	E	4	A	9		7057	8	F	7	A	1	
6670	9	E	8	A	9		7058	3	F	2	A	1	
6676	2	E	1	A	12	X-6	7058	8	F	7	A	1	

TUBE	X	Y	Z	W	Skt	G-2 Sht
7059	8	F	9	A	1	
7059	7	F	2	A	1	
7060	3	E	2	A	1	
7060	9	E	8	A	1	X-7
7061	7	F	3	A	1	X-8
7062	3	F	2	A	1	
7062	8	F	7	A	1	
7105	3	E	1	A	5	
7105	6	E	4	A	5	
7119	6	F	7	A	1	
7119	3	F	2	A	1	
7137	2	E	1	A	12	
7167	2	F	1	A	12	X-6
7189	3	E	2	A	1	X-9
7189A	3	E	2	A	1	X-9
7193	8	E	5	A	4	
7199	6	E	7	A	1	X-3
7199	8	E	9	A	1	
7233	2	E	8	A	1	
7236	3	E	1	A	5	
7236	6	E	4	A	5	
7244	7	E	5	A	12	
7244	7	E	6	A	12	
7245	2	E	1	A	12	
7247	3	F	2	A	1	
7247	8	F	7	A	1	
7258	3	E	2	A	1	
7258	9	E	8	A	1	X-7
7308	3	F	2	A	1	
7316	8	F	7	A	1	
7318	3	F	2	A	1	
7318	8	F	7	A	1	
7320	3	E	2	A	1	X-9
7355	5	E	6	A	4	X-8
7360	1	E	3	A	1	X-2
7370	3	H	2	A	1	
7370	6	H	7	A	1	
7408	8	E	5	A	4	X-4
7494	3	F	2	A	1	
7494	8	F	7	A	1	
7495	7	E	8	A	1	X-6
7500	3	E	6	A	1	
7500*	3	E	2	A	1	
7500*	3	E	9	A	1	
7500*	8	E	7	A	1	
7502	2	E	1	A	12	X-6
7543	7	E	1	A	12	X-6
7548	1	E	2	A	1	X-7
7551	1	F	2	A	1	X-3
7558	1	E	2	A	1	X-3
7561	8	G	5	A	4	X-4
7581	8	E	5	A	4	X-4
7586	8	E	4	A	10	
7587	8	E	4	A	10	X-2

TUBE	X	Y	Z	W	Skt	G-2 Sht
7591	5	E	6	A	4	X-4
7607	1	E	5	A	4	X-3
7630*	11	F	9	A	1	
7643	8	E	9	A	1	
7643	7	E	2	A	1	X-3
7687	8	E	9	A	1	
7687	7	E	2	A	1	X-3
7695	7	H	6	A	1	X-1
7699	2	E	3	A	1	X-7
7699	2	E	1	A	1	
7701	1	F	2	A	1	X-7
7716	1	F	2	A	1	
7716	6	F	7	A	1	X-8
7717	2	E	1	A	12	X-6
7719	3	F	2	A	1	
7721	1	E	2	A	1	X-9
7722	1	E	2	A	1	X-9
7724	7	F	8	B	1	
7724*	1	F	6	A	1	
7724*	3	F	2	A	1	
7728	3	F	2	A	1	
7728	8	F	7	A	1	
7729	3	F	2	A	1	
7729	8	F	7	A	1	
7730	3	F	2	A	1	
7730	8	F	7	A	1	
7731	8	E	9	A	1	
7731	7	E	2	A	1	
7732	2	E	1	A	12	X-6
7733	1	F	2	A	1	X-8
7734	2	E	3	A	1	
7734	7	E	8	A	1	X-1
7738	5	E	6	A	12	
7751	8	E	5	A	4	X-4
7754	7	E	6	A	1	X-1
7788	1	E	2	A	1	X-6
7802	3	E	1	A	5	
7802	6	E	4	A	5	
7867	3	E	5	A	4	X-8
7868	3	E	2	A	11	X-1
7892	3	F	2	A	1	
7892	6	F	7	A	1	
7895	8	E	4	A	10	
7898	3	F	2	A	1	
7898	8	F	7	A	1	
7984	9	F	10	A	9	X-11
8016*	11	B	12	B(S)	4	
8032	6	F	5	A	4	X-3
8056	4	E	8	A	10	
8077	1	F	2	A	1	X-8
8102	2	F	3	A	1	
8102	8	F	9	A	1	X-7
8106	6	F	7	A	1	X-8
8113	2	E	1	A	12	X-6
8156	2	F	10	A	9	X-11

TUBE	X	Y	Z	W	G-2	
					Skt	Sht
8176*	11	F	9	A	1	
8233	7	E	8	A	15	X-2
8278	2	E	3	A	15	X-1
8298	6	E	5	A	4	X-3
8417	8	E	5	A	4	
8425	7	E	1	A	12	X-6
8552	6	F	5	A	4	X-3
9001	2	E	1	A	12	X-6
9002	2	E	6	A	12	
9003	2	E	1	A	12	X-6
9006*	2	E	1	A	12	
B36	3	F	1	A	5	
B36	6	F	4	A	5	
B65	3	E	1	A	5	
B65	6	E	4	A	5	
B152	3	F	2	A	1	
B152	8	F	7	A	1	
B309	3	F	3	A	1	
B309	8	F	7	A	1	
B319	1	E	2	A	1	
B319	7	E	6	A	1	
B329	3	F	2	A	1	
B329	8	F	7	A	1	
B339	3	F	2	A	1	
B339	8	F	7	A	1	
B719	3	E	2	A	1	
B719	8	E	7	A	1	
BPMO4	2	E	1	A	12	X-6
C3G	7	E	6	A	8	X-4
C3M	7	G	6	A	8	X-4
C30	7	E	6	A	8	X-4
CCA	3	E	2	A	1	
CCA	8	E	7	A	1	
D2M9*	1	E	7	A	12	
D2M9*	8	E	5	A	12	X-4
D3A	1	E	2	A	1	X-9
D63*	4	E	3	A	4	
D63*	8	E	5	A	4	
D77*	5	E	2	A	12	
D77*	1	E	7	A	12	
D152*	5	E	2	A	12	
D152*	1	E	7	A	12	
DA90*	3	B	2	C	13	
DAC32	11	B	12	B	4	
DAC32*	5	B	12	D	4	
DAF26	6	B	12	B	8	Z-3
DAF26*	4	B	12	D	8	
DAF91	6	B	12	B	13	Z-4
DAF91*	3	B	12	D	13	
DAF92	6	B	12	B	13	Z-3
DAF92	4	B	12	D	13	
DAF96	6	B	12	B	13	Z-3
DAF96*	4	B	12	D	13	

TUBE	X	Y	Z	W	G-2	
					Skt	Sht
DBC25	6	B	12	A	8	
DBC25*	3	B	12	A	8	
DBC25*	4	B	12	A	8	
DC25	6	B	12	A	8	
DC80	1	B	12	A	1	
DC90	6	B	3	A	13	
DC96	6	B	3	A	13	
DCC90	5	C	12	A	13	
DCC90	3	C	12	A	13	
DCH22	4	B	12	A	8	
DCH22	6	B	12	A	8	Z-5
DCH25	4	B	12	A	8	
DCH25	6	B	12	A	8	Z-5
DCH31	5	B	12	A	4	
DCH31	11	B	12	A	4	Z-4
DD6*	5	E	2	A	12	
DD6*	1	E	7	A	12	
DD7*	5	E	2	A	12	
DD7*	1	E	7	A	12	
DDD25	4	B	12	A	8	
DDD25	5	B	12	A	8	
DDD26	3	C	12	A	8	
DDD26	6	C	12	A	8	
DDR7	2	E	1	A	12	X-7
DF25	6	B	12	A	8	Z-3
DF26	6	B	12	A	8	Z-3
DF31	11	B	12	A	4	Z-4
DF32	11	B	12	A	4	Z-4
DF33	11	B	12	B	4	Z-4
DF91	6	B	12	B	13	Z-3
DF92	6	B	12	B	13	Z-3
DF96	6	B	12	B	13	Z-3
DF97	6	B	12	B	13	Z-3
DF904	6	B	12	B	13	Z-3
DF906	6	B	12	A	13	Z-3
DH63	8	E	11	A	4	
DH63*	8	E	4	C	4	
DH63*	8	E	5	C	4	
DH76	8	F	11	A	4	
DH76*	8	F	4	C	4	
DH76*	8	F	5	C	4	
DH77	2	E	1	A	12	
DH77*	2	E	5	C	12	
DH77*	2	E	6	C	12	
DH81	7	E	3	A	8	
DH81*	7	E	5	C	8	
DH81*	7	E	6	C	8	
DH149	7	E	3	A	8	
DH149*	7	E	5	C	8	
DH149*	7	E	6	C	8	
DH149*	7	E	1	A	1	
DH149*	3	E	2	A	1	
DH719	7	E	8	A	1	
DH719*	7	E	6	A	1	

TUBE	X	Y	Z	W	Skt	G-2 Sht
DK22	3	B	12	A	8	Z-4
DK31	6	B	12	A	4	Z-5
DK32	5	B	12	B	4	Z-6
DK91	4	B	12	B	13	Z-3
DK92	4	B	12	B	13	Z-3
DK96	4	B	12	B	13	Z-3
DL21	5	B	12	A	8	Z-4
DL22	6	B	12	A	8	Z-3
DL29	6	B	12	A	8	X-3
DL31	5	B	12	A	4	
DL33	5	C	12	A	4	Z-4
DL35	5	B	12	A	4	Z-4
DL36	5	B	12	A	4	Z-4
DL91	3	B	12	B	13	Z-4
DL92	3	C	12	B	13	Z-4
DL93	4	C	12	A	13	Z-3
DL94	6	C	12	A	13	Z-3
DL95	3	C	12	A	13	Z-4
DL96	6	C	12	A	13	Z-3
DL907	6	B	12	A	13	Z-3
DLL21	2	B	12	A	5	Z-4
DLL21	5	B	12	A	5	
DLL25	2	B	12	A	5	Z-4
DLL31	4	B	12	A	4	
DLL31	5	B	12	A	4	Z-8
DLL101	3	B	12	A	13	
DLL101	6	B	12	A	13	Z-4
DLL102	3	C	12	A	13	
DLL102	6	C	12	A	13	Z-4
DP61	2	E	1	A	12	
DY30*	11	B	12	B(S)	4	X-6
DY80*	11	B	12	B(S)	1	
DY86*	11	B	12	B(S)	1	
DY87*	11	B	12	B(S)	1	
E55L	7	E	8	A	15	X-2
E80CC	3	E	2	A	1	
E80CF	8	E	9	A	1	
E80CF	7	E	2	A	1	
E80F	3	E	9	A	1	X-3
E80L	3	E	2	A	1	X-1
E81CC	3	F	2	A	1	X-8
E81CC	8	F	7	A	1	
E81L	3	E	2	A	1	
E83F	3	E	2	A	1	X-8
E88CC	3	E	2	A	1	
E88CC	8	E	7	A	1	
E90CC	7	E	5	A	12	
E90F	2	E	1	A	12	
E91AA*	5	E	2	A	12	X-6
E91AA*	1	E	7	A	12	
E91H	2	E	1	A	12	
E92CC	7	E	5	A	12	X-6
E92CC	7	E	6	A	12	
E95F	2	E	1	A	12	

TUBE	X	Y	Z	W	Skt	G-2 Sht
E180F	1	E	2	A	1	X-6
E182CC	6	F	7	A	1	X-9
E182CC	3	F	2	A	1	
E235L	8	E	5	A	4	X-4
E280F	1	E	2	A	1	
EAA91*	5	E	2	A	12	X-9
EAA91*	1	E	7	A	12	
EAA901*	5	E	2	A	12	
EAA901*	1	E	7	A	12	
EAA901SS*	5	E	2	A	12	
EAA901SS*	1	E	7	A	12	
EABC80	7	E	8	A	1	
EABC80*	7	E	6	A	1	
EABC80*	7	E	1	A	1	
EABC80*	3	E	2	A	1	
EAC91	5	E	6	A	12	
EAC91	2	E	1	A	12	
EAF21	7	E	6	A	8	
EAF21*	7	E	4	B	8	X-3
EAF801	3	E	2	A	1	X-1
EAF801*	3	E	8	C	1	
EAM86	9	D	8	A	1	
EAM86*	3	D	2	A	1	
EB34*	4	E	3	A	4	
EB34*	8	E	5	A	4	
EB91	5	E	2	A	12	
EB91	1	E	7	A	12	
EBC33	7	E	3	A	8	
EBC33*	7	E	5	C	8	
EBC33*	7	E	6	C	8	
EBC80	3	E	2	A	1	
EBC80*	3	E	6	C	1	
EBC80*	3	E	8	C	1	
EBC81	3	E	2	A	1	
EBC81*	3	E	6	C	1	
EBC81*	3	E	8	C	1	
EBC90	2	E	1	A	12	
EBC90	2	E	5	C	12	
EBC90	2	E	6	C	12	
EBC91	2	E	1	A	12	
EBC91*	2	E	5	C	12	
EBC91*	2	E	6	C	12	
EBF21	7	E	6	A	8	X-5
EBC21*	7	E	3	C	8	
EBC21*	7	E	5	C	8	
EBF32	8	E	11	A	4	
EBF32*	8	E	4	C	4	
EBF32*	8	E	5	C	4	
EBF80	3	E	2	A	1	X-1
EBF80*	3	E	7	A	1	
EBF80*	3	E	8	A	1	
EBF83	3	E	2	A	1	X-1
EBF89	3	E	2	A	1	X-1
EBF89*	3	E	7	C	1	
EBF89*	3	E	8	C	1	

TUBE	X	Y	Z	W	Skt	G-2
						Sht
EBL21	7	E	3	A	8	X-4
EBL21*	7	E	5	A	8	
EBL21*	7	E	6	A	8	
EBL31	8	E	11	A	4	X-6
EBL31	8	E	4	C	4	
EBL31*	8	E	5	C	4	
EBL71	7	E	3	A	8	X-4
EBL71*	7	E	5	A	8	
EBL71*	7	E	6	A	8	
EC80	3	E	2	A	1	X-6
EC81	3	E	1	A	1	
EC86	3	E	2	A	1	
EC88	2	E	1	A	1	
EC90	7	E	6	A	12	
EC91	2	E	1	A	12	
EC92	7	E	6	A	12	
EC93	5	E	6	A	12	
EC94	5	E	6	A	12	
EC95	1	E	2	A	12	
EC806S	3	E	2	A	1	
EC903	5	E	6	A	12	
ECC31	8	E	4	A	4	
ECC31	8	E	5	A	4	
ECC32	3	E	1	A	5	
ECC32	6	E	4	A	5	
ECC33	3	E	1	A	5	
ECC33	6	E	4	A	5	
ECC35	3	E	1	A	5	
ECC35	6	E	4	A	5	
ECC81	3	F	2	A	1	
ECC81	8	F	7	A	1	
ECC82	3	F	2	A	1	
ECC82	8	F	7	A	1	
ECC83	3	F	2	A	1	
ECC83	8	F	7	A	1	
ECC84	1	E	2	A	1	
ECC84	7	E	6	A	1	
ECC85	3	E	2	A	1	
ECC85	8	E	7	A	1	
ECC86	3	E	2	A	1	
ECC86	8	E	7	A	1	
ECC88	3	E	2	A	1	
ECC88	8	E	7	A	1	
ECC91	7	E	5	A	12	
ECC91	7	E	6	A	12	
ECC180	3	E	2	A	1	
ECC180	8	E	7	A	1	
ECC186	3	F	2	A	1	
ECC186	8	F	7	A	1	
ECC189	3	E	2	A	1	
ECC189	8	E	7	A	1	
ECC801S	3	F	2	A	1	
ECC801S	8	F	7	A	1	

35						G-2
TUBE	X	Y	Z	W	Skt	Sht
ECC802S	3	F	2	A	1	
ECC802S	8	F	7	A	1	
ECC803S	3	F	2	A	1	
ECC803S	8	F	7	A	1	
ECC808	2	E	1	A	1	
ECC808	8	E	9	A	1	
ECF80	8	E	9	A	1	
ECF80	7	E	2	A	1	X-3
ECF82	8	E	9	A	1	
ECF82	7	E	2	A	1	X-3
ECF83	8	E	9	A	1	X-7
ECF83	1	E	2	A	1	
ECF86	3	E	6	A	1	
ECF86	1	E	2	A	1	X-9
ECF200	2	E	3	A	3	X-8
ECF200	1	E	10	A	3	
ECF201	2	E	3	A	3	X-3
ECF201	1	E	10	A	3	
ECF202	1	E	11	A	1	
ECF202	2	E	3	A	1	X-8
ECF801	1	E	9	A	1	
ECF801	1	E	2	A	1	X-7
ECF802	8	E	9	A	1	
ECF802	7	E	2	A	1	X-3
ECF805	8	E	9	A	1	
ECF805	8	E	7	A	1	X-2
ECH4G	8	E	5	A	4	
ECH4G	8	E	11	A	4	X-4
ECH33	8	E	5	A	4	
ECH33	8	E	11	A	4	X-4
ECH80	3	E	9	A	1	
ECH80	3	E	2	A	1	X-1
ECH81	3	E	9	A	1	
ECH81	3	E	2	A	1	X-1
ECH83	3	E	2	A	1	X-1
ECH83	3	E	9	A	1	
ECH84	3	E	9	A	1	
ECH84	3	E	2	A	1	X-7
ECH200	1	E	3	A	3	X-4
ECH200	9	E	8	A	3	
ECL80	3	E	2	A	1	
ECL80	3	E	9	A	1	X-8
ECL82	8	E	1	A	1	
ECL82	2	E	3	A	1	X-7
ECL84	3	E	1	A	1	
ECL84	7	E	8	A	1	X-9
ECL85	3	E	2	A	1	
ECL85	8	E	9	A	1	X-7
ECL86	7	E	8	A	1	X-3
ECL86	2	E	1	A	1	
ED2*	5	E	2	A	12	
ED2*	1	E	7	A	12	
ED500	1	E	8	B	15	
EF22	2	E	6	A	8	X-3

TUBE	X	Y	Z	W	Skt	G-2 Sht
EF33	8	E	11	A	4	X-4
EF39	8	E	11	A	4	X-4
EF51	7	E	6	A	8	X-5
EF52	7	E	6	A	8	X-3
EF80	3	E	2	A	1	X-8
EF83	3	E	9	A	1	X-1
EF85	3	E	2	A	1	X-8
EF86	3	E	9	A	1	X-1
EF89	3	E	2	A	1	X-8
EF91	2	E	1	A	12	X-7
EF92	2	E	1	A	12	X-6
EF93	7	E	1	A	12	X-6
EF94	7	E	1	A	12	X-6
EF95	2	E	1	A	12	X-6
EF96	2	E	1	A	12	X-6
EF97	2	E	1	A	12	X-6
EF98	2	E	1	A	12	X-6
EF174	3	E	2	A	1	X-8
EF175	3	E	2	A	1	X-8
EF183	1	E	2	A	1	X-8
EF184	1	E	2	A	1	X-8
EF190	2	E	1	A	12	X-6
EF800	1	E	2	A	1	X-8
EF802	1	E	2	A	1	X-8
EF804	3	E	9	A	1	X-8
EF804S	3	E	9	A	1	X-8
EF805S	1	E	2	A	1	X-8
EF806S	3	E	9	A	1	X-8
EF905	2	E	1	A	12	X-6
EFL200	2	E	1	A	3	X-3
EFL200	7	E	8	A	3	X-9
EH90	2	E	1	A	12	X-6
EH900S	2	E	1	A	12	X-6
EK11	1	E	2	A	1	
EK32	8	E	5	A	4	X-6
EK90	2	E	1	A	12	X-6
EL33	8	E	5	A	4	X-4
EL34	8	E	5	A	4	X-4
EL35	8	E	5	A	4	X-4
EL36	8	E	5	A	4	X-4
EL37	8	E	5	A	4	X-4
EL38	8	E	5	A	4	X-4
EL39	8	E	5	A	4	X-4
EL81	3	E	2	A	1	X-8
EL82	3	E	2	A	1	X-9
EL83	3	E	2	A	1	X-1
EL84	3	E	2	A	1	X-9
EL85	3	E	2	A	1	X-1
EL86	3	E	2	A	1	X-9
EL90	2	E	1	A	12	X-6
EL91	2	E	1	A	12	X-7
EL94	6	C	12	A	13	Z-3
EL95	2	E	1	A	12	X-6
EL180	1	F	2	A	1	X-8

TUBE	X	Y	Z	W	Skt	G-2 Sht
EL183	3	F	2	A	1	X-7
EL500	3	G	2	A	15	X-6
EL503	2	E	3	A	15	X-1
EL802	1	E	2	A	1	X-8
EL803	3	E	2	A	1	X-1
EL803S	3	E	2	A	1	X-1
EL804	3	E	2	A	1	X-9
EL821	3	E	2	A	1	X-8
ELL80	7	E	2	A	1	X-1
ELL80	7	E	6	A	1	X-9
EM34	8	E	4	D	4	
EM35	8	E	4	A	4	
EM80	2	E	1	A	1	
EM81	2	E	1	D	1	
EM84	3	E	1	B	1	
EM87	3	E	1	A	1	
EMM801	3	E	1	A	1	
EMM801	3	E	7	A	1	
EMM801	3	E	9	A	1	
EN91	2	E	1	A	12	X-5
EN92	2	E	1	A	12	X-5
EN93	5	E	1	A	12	
EQ80	8	E	7	A	1	X-1
EY80*	3	E	9	A	1	
EY81*	11	E	9	A	1	
EY82*	3	E	9	A	1	
EY83*	11	E	9	A	1	
EY84*	3	E	11	A	1	
EY86*	6	E	11	A	1	
EY87*	6	E	11	A	1	
EY88*	11	E	9	A	1	
EY91*	2	E	1	A	12	
EY500*	11	E	2	A	15	
EZ35*	8	E	3	A	4	
EZ35*	8	E	5	A	4	
EZ80*	3	E	1	A	1	
EZ80*	3	E	7	A	1	
EZ81*	3	E	1	A	1	
EZ81*	3	E	7	A	1	
EZ90*	7	E	1	A	12	
EZ90*	7	E	6	A	12	
EZ91*	7	E	1	A	12	
EZ91*	7	E	6	A	12	
EZ900*	7	E	1	A	12	
EZ900*	7	E	6	A	12	
FM1000	3	E	2	A	8	X-5
GY501*	11	C	12	B(S)	15	
GZ30*	4	D	12	A	6	
GZ30*	6	D	12	A	6	
GZ31*	4	D	12	A	6	
GZ31*	6	D	12	A	6	
GZ32*	4	D	12	A	6	
GZ32*	6	D	12	A	6	

TUBE	X	Y	Z	W	Skt	G-2	TUBE	X	Y	Z	W	Skt	G-2
						Sht							Sht
GZ33*	4	D	12	A	6		LCF200	2	D	3	A	3	X-8
GZ33*	6	D	12	A	6		LCF200	1	D	10	A	3	
GZ34*	4	D	12	A	6		LCF201	2	D	3	A	3	X-8
GZ34*	6	D	12	A	6		LCF201	1	D	10	A	3	
H52*	4	D	12	A	6		LCF801	1	D	9	A	1	
H52*	6	D	12	A	6		LCF801	1	D	2	A	1	X-7
H63	8	E	11	A	4		LCF802	8	E	9	A	1	
HAA91*	5	F	2	A	12		LCF802	7	E	2	A	1	X-3
HAA91*	1	F	7	A	12		LCH200	1	D	3	A	3	X-4
HABC80	7	G	8	A	1		LCH200	9	D	8	A	3	
HABC80*	7	G	1	A	1		LCL80	3	D	2	A	1	
HABC80*	7	G	6	A	1		LCL80	3	D	9	A	1	X-8
HABC80*	3	G	2	A	1		LCL85	3	E	2	A	1	
HBC90	2	F	1	A	12		LCL85	8	E	9	A	1	X-7
HBC90*	2	F	5	C	12		LF183	1	C	2	A	1	X-8
HBC90*	2	F	6	C	12		LF184	1	C	2	A	1	X-8
HBC91	2	F	1	A	12		LFL200	2	F	1	A	3	X-3
HBC91*	2	F	5	C	12		LFL200	7	F	8	A	3	X-9
HBC91*	2	F	6	C	12		LL500	3	G	2	A	15	X-6
HCC85	3	F	2	A	1		LL521	9	G	1	A	15	X-3
HCC85	8	F	7	A	1		LL802	1	F	2	A	1	X-8
HCH42	2	F	4	A	8		LN119	8	H	1	A	1	
HCH42*	2	F	5	C	8		LN119	2	H	3	A	1	X-7
HCH42*	7	F	6	C	8		LN152	3	E	2	A	1	
HCH81	9	F	3	A	1		LN152	3	E	9	A	1	X-8
HCH81	2	F	3	A	1	X-1	LN309	8	F	1	A	1	
HD14	11	B	12	A	4		LN309	2	F	3	A	1	X-7
HD14	5	B	12	D	4		LY81*	11	F	9	A	1	
HF93	3	F	1	A	12	X-6	LZ319	8	E	9	B	1	
HF94	3	F	1	A	12	X-6	LZ319	7	E	2	B	1	X-3
HK90	2	F	1	A	12	X-6	M8082	2	E	1	A	12	X-7
HL90	2	G	1	A	12	X-6	M8083	2	E	1	A	12	X-7
HL92	1	H	2	A	12	X-6	N14	5	B	12	A	4	Z-4
HL94	1	G	2	A	12	X-6	N16	5	C	12	A	4	Z-4
HMO4	2	E	1	A	12	X-6	N17	3	C	12	B	13	Z-4
HP6	2	E	1	A	12	X-7	N18	3	C	12	A	13	Z-4
HY90*	7	G	5	A	12		N19	6	C	12	A	13	Z-3
KF35	11	B	12	A	4		N77	2	E	1	A	12	X-7
KK32	5	B	12	B	4	Z-6	N78	6	E	7	A	1	
KL35	5	B	12	B	4	Z-4	N144	2	E	1	A	12	X-7
KT32	8	G	5	A	4	X-4	N147	8	E	5	A	4	X-4
KT61	8	E	5	A	4	X-4	N148	7	E	6	A	8	X-3
KT63	8	E	5	A	4	X-4	N152	3	G	2	A	1	X-8
KT66	8	E	6	A	4	X-4	N153	3	F	2	A	1	X-1
KT71	8	H	5	A	4	X-4	N154	3	F	2	A	1	X-9
KT81	7	E	6	A	8	X-3	N329	3	F	2	A	1	X-9
KT88	8	E	5	A	4	X-4	N359	3	G	2	A	1	X-8
KTW61	8	E	11	A	4	X-4	N369	8	F	1	A	1	
KTZ63	8	E	11	A	4	X-4	N369	2	F	3	A	1	X-7
L63	8	E	5	A	4		N379	2	F	2	A	1	X-9
L77	7	E	6	A	12		N709	3	E	2	A	1	X-9
LCF80	8	E	9	A	1		N727	2	E	1	A	12	X-6
LCF80	7	E	2	A	1	X-3							

TUBE	X	Y	Z	W	Skt	G-2 Sht
PABC80	7	E	8	A	1	
PABC80*	7	E	6	A	1	
PABC80*	7	E	2	A	1	
PABC80*	3	E	1	A	1	
PC86	3	D	2	A	1	
PC92	7	C	6	A	12	
PC95	1	E	2	A	12	X-6
PC900	2	D	1	A	12	
PCC84	1	E	2	A	1	
PCC84	7	E	6	A	1	
PCC85	3	E	2	A	1	
PCC85	8	E	7	A	1	
PCC88	8	E	7	A	1	
PCC88	3	E	2	A	1	
PCC189	3	E	2	A	1	
PCF80	8	E	9	A	1	
PCF80	7	E	2	A	1	X-3
PCF82	8	E	9	A	1	
PCF82	7	E	2	A	1	X-3
PCF86	3	E	6	A	1	
PCF86	1	E	2	A	1	X-9
PCF200	2	E	3	A	3	X-8
PCF200	1	E	10	A	3	
PCF201	2	E	3	A	3	X-8
PCF201	1	E	10	A	3	
PCF801	1	E	9	A	1	
PCF801	1	E	2	A	1	X-7
PCF802	8	E	9	A	1	
PCF802	7	E	2	A	1	X-3
PCF805	8	E	2	A	1	
PCF805	8	E	7	A	1	X-2
PCH200	1	E	3	A	3	X-4
PCH200	9	E	8	A	3	
PCL81	8	F	9	A	1	X-2
PCL81	8	F	1	A	1	
PCL82	8	F	1	A	1	
PCL82	2	F	3	A	1	X-7
PCL84	7	F	8	A	1	X-9
PCL84	3	F	1	A	1	
PCL85	3	G	2	A	1	
PCL85	8	G	9	A	1	X-7
PCL86	7	E	8	A	1	X-3
PCL86	2	E	1	A	1	
PD500	1	E	8	B	15	
PF83	3	D	9	A	1	X-1
PF86	3	D	9	A	1	X-1
PFL200	2	F	1	A	3	X-3
PFL200	7	F	8	A	3	X-9
PL36	8	G	5	A	4	X-4
PL38	8	G	5	A	4	X-4
PL81	3	G	2	A	1	X-8
PL82	3	F	2	A	1	X-9
PL83	3	F	2	A	1	X-1
PL84	3	F	2	A	1	X-9

TUBE	X	Y	Z	W	Skt	G-2 Sht
PL500	3	G	2	A	15	X-6
PL505	9	H	1	A	15	X-3
PL509	9	G	1	A	15	X-3
PL521	3	G	1	A	15	X-3
PL802	1	F	2	A	1	X-8
PMO4	7	E	1	A	12	X-6
PMO7	2	E	1	A	12	X-7
PY71*	11	G	4	A	8	
PY80*	3	G	9	A	1	
PY81*	11	F	9	A	1	
PY82*	3	G	9	A	1	
PY83*	11	G	9	A	1	
PY500*	11	H	2	A	15	
R18*	3	E	11	A	1	
R19*	11	B	12	B(S)	1	
R52*	4	D	12	A	6	
R52*	6	D	12	A	6	
SP6	2	E	1	A	12	X-7
T2MO5	7	E	5	A	12	
T2MO5	7	E	6	A	12	
TS51	2	E	1	A	12	X-6
TS54	3	E	2	A	1	X-1
U41*	4	B	12	B(S)	4	
U49*	6	E	11	A	1	
U50*	4	D	12	B	6	
U50*	6	D	12	B	6	
U52*	4	D	12	B	6	
U52*	6	D	12	B	6	
U70*	8	E	3	A	4	
U70*	8	E	5	A	4	
U78*	7	E	1	A	12	
U78*	7	E	6	A	12	
U147*	8	E	3	A	4	
U147*	8	E	5	A	4	
U149*	7	E	3	A	8	
U149*	7	E	6	A	8	
U152*	3	G	9	A	1	
U153*	11	F	9	A	1	
U154*	3	G	9	A	1	
U192*	3	G	9	A	1	
U319*	3	G	9	A	1	
U709*	3	E	1	A	1	
U709*	3	E	7	A	1	
UAA91	5	G	2	A	12	
UAA91	1	G	7	A	12	
UABC80	7	G	8	A	1	
UABC80*	7	G	6	A	1	
UABC80*	7	G	1	A	1	
UABC80*	3	G	2	A	1	
UBC81	3	F	2	A	1	
UBC81*	3	F	8	A	1	
UBC81*	3	F	6	A	1	

TUBE	X	Y	Z	W	Skt	G-2 Sht
UBF80	3	G	2	A	1	X-1
UBF80*	3	F	7	B	1	
UBF80*	3	F	8	B	1	
UBF89	3	G	2	A	1	X-1
UBF89*	3	G	7	A	1	
UBF89*	3	G	8	A	1	
UBL21	7	H	3	A	8	X-4
UBL21*	7	H	5	A	8	
UBL21*	7	H	6	A	8	
UBL71	7	H	3	A	8	X-4
UBL71*	7	H	5	A	8	
UBL71*	7	H	6	A	8	
UCC85	3	G	2	A	1	
UCC85	8	G	7	A	1	
UCH42	2	F	4	A	8	
UCH42*	7	F	5	C	8	
UCH42*	7	F	6	C	8	
UCH81	3	G	9	A	1	X-1
UCH81	3	G	2	A	1	
UCL81	8	H	1	A	1	
UCL81	8	H	9	A	1	X-2
UCL82	8	H	1	A	1	
UCL82	2	H	3	A	1	X-7
UCL92	7	F	6	A	12	
UF21	7	F	6	A	8	X-3
UF80	1	G	2	A	1	X-8
UF85	1	G	2	A	1	X-8
UF89	3	F	2	A	1	X-8
UL21	7	H	6	A	8	X-3
UL71	7	H	3	A	8	X-4
UL84	3	H	2	A	1	X-9
UM80	2	G	1	A	1	
UQ80	8	F	7	A	1	X-1
UU12*	3	E	1	A	1	
UU12*	3	E	7	A	1	
UY21*	7	H	6	A	8	
UY82*	3	H	9	A	1	
UY85*	3	H	9	A	1	
UY89*	3	H	9	A	1	
UY92*	7	G	5	A	12	
V2M70*	7	E	1	A	12	
V2M70*	7	E	6	A	12	
V741	7	E	6	A	12	
V884	2	E	1	A	12	X-6
VFT6*	8	E	3	A	4	
VFT6*	8	E	5	A	4	
VT172	6	B	12	B	13	Z-4
VT172*	3	B	12	D	13	
VT173	6	B	12	B	13	Z-3
VT174	3	C	12	B	13	Z-4
VT197A*	4	D	12	B	6	
VT197A*	6	D	12	B	6	
VT201C	8	G	5	A	4	X-4

TUBE	X	Y	Z	W	Skt	G-2 Sht
VT231	3	E	1	A	5	
VT231	6	E	4	A	5	
VT264	3	C	12	A	13	Z-4
W17	6	B	12	B	13	Z-3
W63	8	E	11	A	4	X-4
W76	8	F	11	A	4	X-3
W77	2	E	1	A	12	X-6
W149	7	E	6	B	8	X-3
W179	3	E	2	A	1	X-8
W719	3	E	2	A	1	X-8
W727	7	E	1	A	12	X-6
WD119	3	G	2	A	1	X-1
WD119*	3	G	7	A	1	
WD119*	3	G	8	A	1	
WD709	3	E	2	A	1	X-1
WD709*	3	E	7	A	1	
WD709*	3	E	8	A	1	
X14	5	B	12	B	4	Z-6
X17	4	B	12	B	13	Z-3
X18	4	B	12	B	13	Z-3
X63	8	E	5	A	4	X-6
X77	2	E	1	A	12	X-6
X79	8	E	9	A	1	
X79	7	E	2	A	1	X-3
X81	7	E	4	A	8	
X81	7	E	6	A	8	X-5
X142	2	F	4	A	8	
X142*	7	F	5	C	8	
X142*	7	F	6	C	8	
X148	7	E	4	A	8	
X148	7	E	6	A	8	X-5
X719	3	E	9	A	1	
X719	3	E	2	A	1	
X727	3	E	1	A	12	X-1
XC95	1	C	2	A	12	X-6
XC900	2	C	1	A	12	
XCC82	3	E	2	A	1	
XCC82	8	E	7	A	1	
XCC189	3	D	2	A	1	
XCC189	8	D	7	A	1	
XCF80	7	D	2	A	1	X-3
XCF80	8	D	9	A	1	
XCF801	1	D	2	A	1	
XCF801	1	D	9	A	1	X-7
XCH81	3	C	2	A	1	X-1
XCH81	3	C	9	A	1	
XL82	8	E	1	A	1	
XL82	2	E	3	A	1	X-7
XF80	1	C	2	A	1	X-8
XF85	3	C	2	A	1	X-8
XF183	1	C	2	A	1	X-8
XF184	1	C	2	A	1	X-8
XL36	8	F	5	A	4	X-4
XL84	3	E	2	A	1	X-9

TUBE	X	Y	Z	W	Skt	G-2 Sht
XL86	3	E	2	A	1	X-9
XL500	3	F	2	A	15	X-6
XXB	4	C	12	C	8	
XXB	5	C	12	C	8	
XXD	2	F	4	A	8	
XXD	7	F	5	A	8	
XXFM	4	E	3	A	8	
XXFM*	4	E	5	C	8	
XXL	7	E	6	A	8	
XY88*	11	F	9	A	1	
YC95	1	C	2	A	12	X-6
YC98	1	E	2	A	1	
YF183	1	D	2	A	1	X-3
YF184	1	D	2	A	1	X-8

TUBE	X	Y	Z	W	Skt	40 G-2 Sht
YL1371	6	F	5	A	4	X-3
Z14	11	B	12	B	4	Z-4
Z63	8	E	11	A	4	X-4
Z77	2	E	1	A	12	X-7
Z152	3	E	2	A	1	X-8
Z179	3	E	2	A	1	X-8
Z719	3	E	2	A	1	X-8
Z729	3	E	9	A	1	X-1
ZD17	6	B	12	D	13	
ZD17*	3	B	12	D	13	
ZD152	3	E	2	A	1	X-1
ZD152	3	E	7	A	1	
ZD152	3	E	8	A	1	