

Revisions:
 General Revisions
 A. J. Jan. '54

HEATER No.	TO	CATHODE VOLTAGE	ON	AMP. TOTAL	WIRE SIZE	LOAD RESISTORS
H1-1ST(1)(2)	8 TRANSCEIVERS	-555*	PX-10-107	9.4	12	
H1-2ST(1)(2)	3-6SN7(REPEATER) 6-6SN7 TUBES	-555*	PX-10-107	5.4	12	
H1-3ST(1)(2)	4 RECEIVERS	-555*	PX-10-105	9.6	12	
H1-4ST(1)(2)	2 RECEIVERS	-555*	PX-10-110	9.6	10	
H1-5ST(1)(2)	TUBES	-555*	PX-10-110	9.4	10	
H1-6ST(1)(2)	2 TRANSCEIVERS	-555*	PX-10-105	4.7	10	
H1-7ST(1)(2)	TUBES	-555*	PX-10-105	0.6	10	
H1-8ST(1)(2)	TUBES	-555*	PX-10-107	3.6	12	
H2-1ST(1)(2)	6 TRANSCEIVERS	-450*	PX-10-107	6.3	12	
H2-2ST(1)(2)	5 RECEIVERS	-450*	PX-10-110	9	10	
H2-3ST(1)(2)	5 RECEIVERS	-450*	PX-10-110	9	10	
H2-4ST(1)(2)	TUBES	-450*	PX-10-110	9.3	10	
H2-5ST(1)(2)	TUBES	-450*	PX-10-105	8.3	10	
H2-6ST(1)(2)	TUBES	-450*	PX-10-105	3.4	14	
H2-7ST(1)(2)	TUBES	-450*	PX-10-105	1.8	14	
H2-8ST(1)(2)	TUBES	-450*	PX-10-105	1.2	14	
H3-1ST(1)(2)	5 TRANSCEIVERS	-295*	PX-10-107	9	14	
H3-2ST(1)(2)	5 RECEIVERS	-295*	PX-10-110	9	10	
H3-3ST(1)(2)	5 RECEIVERS	-295*	PX-10-110	9	10	
H3-4ST(1)(2)	8 TRANSCEIVERS	-295*	PX-10-107	3.6	14	
H3-5ST(1)(2)	TUBES	-295*	PX-10-106	0.45	16	3 P
H3-6ST(1)(2)	DECADES	-85*	PX-10-105	2.4	16	2 P
H3-7ST(1)(2)	TUBES	-85*	PX-10-110	7.25	12	
H3-8ST(1)(2)	TUBES	-85*	PX-10-105	4.2	12	
H3-9ST(1)(2)	TUBES	-85*	PX-10-112	2.7	12	
H3-10ST(1)(2)	TUBES	-90	PX-10-106	0.3	12	
H4-1ST(1)(2)	4 TRANSCEIVERS	0*	PX-10-107	8.4	12	
H4-2ST(1)(2)	4 TRANSCEIVERS	0*	PX-10-107	8.4	12	
H4-3ST(1)(2)	P.S. (REPEATER)	0*	PX-10-107	8.4	12	
H4-4ST(1)(2)	10 RECEIVERS	0*	PX-10-107	1.95	10	
H4-5ST(1)(2)	TUBES	0*	PX-10-110	6	14	1 P
H4-6ST(1)(2)	TUBES	0*	PX-10-112	4.05	14	5 P
H4-7ST(1)(2)	TUBES	0*	PX-10-106	2.85	10	3 P
H4-8ST(1)(2)	TUBES	0*	PX-10-105	6.15	14	3 P
H4-9ST(1)(2)	TUBES	-320*	PX-10-105	9	10	
H4-10ST(1)(2)	TUBES	-295	PX-10-105	0.6	10	
H4-11ST(1)(2)	TUBES	-320*	PX-10-106	7.2	10	
H4-12ST(1)(2)	TUBES	-320*	PX-10-112	0.3	10	
H4-13ST(1)(2)	TUBES	-295	PX-10-106	1.2	10	
H4-14ST(1)(2)	TUBES	-295	PX-10-112	0.6	10	
H4-15ST(1)(2)	TUBES	-345*	PX-10-106	6.0	14	1 P
H4-16ST(1)(2)	TUBES	-180*	PX-10-105	0.9	12	
H4-17ST(1)(2)	TUBES	-180*	PX-10-105	7.85	12	
H4-18ST(1)(2)	TUBES	-180*	PX-10-105	9	12	
H4-19ST(1)(2)	TUBES	-180*	PX-10-105	9.6	12	
H4-20ST(1)(2)	TRANSMITTERS	+20*	PX-10-107	7.2	14	2 P
H4-21ST(1)(2)	TRANSMITTERS	+20*	PX-10-107	7.2	14	2 P
H4-22ST(1)(2)	TUBES	-640*	PX-10-106	2.25	16	
H4-23ST(1)(2)	TUBES	-640*	PX-10-105	1.8	16	3, 27A
H4-24ST(1)(2)	TUBES	-385*	PX-10-105	0.6	10	
H4-25ST(1)(2)	TUBES	-475	PX-10-105	0.9	10	
H4-26ST(1)(2)	TUBES	-375	PX-10-106	3	12	1 P
H4-27ST(1)(2)	TUBES	-360	PX-10-106	0.6	12	
H4-28ST(1)(2)	TUBES	+150*	PX-10-106	2.7	10	3, 27A
H4-29ST(1)(2)	TUBES	+150*	PX-10-106	3	10	
H4-30ST(1)(2)	TUBES	+270	PX-10-106	4	10	
H4-31ST(1)(2)	TUBES	+370	PX-10-106	6	18	

* DENOTES VOLTAGE TO WHICH HEATER IS TIED.

FIGURE 2 SCHOOL OF ELECTRICAL ENGINEERING
 UNIVERSITY OF PENNSYLVANIA

IN DIV. HEATER TABLES

MATERIAL	FINISH	SCALE
Drawn by: CJM:c	Checked by: [Signature]	Approved by: [Signature]
MAY 3 1945		PX-10-114