

**MAINTENANCE MANUAL
ANALOG CROSS-CONNECT PANEL
19D902548G1**

TABLE OF CONTENTS

	<u>Page</u>
WIRING LIST	2
FUNCTION LIST	56
PARTS LIST	86
OUTLINE DIAGRAM	87
INTERCONNECT DIAGRAM	88

WIRING LIST

ANALOG CROSS-CONNECT PANEL

(S=1-10)			(S=1-4)	
B401 - TO A401 J3			B401 - TO A401 J3	
FROM	TO	FUNCTION	TO	FUNCTION
J01 - 01	J36 - 01	EQ OUT S01 CH01 T	J26 - 01	EQ OUT S01 CH01 T
J01 - 02	J36 - 02	EQ OUT S01 CH01 R	J26 - 02	EQ OUT S01 CH01 R
J01 - 03	J37 - 01	EQ OUT S02 CH01 T	J27 - 01	EQ OUT S02 CH01 T
J01 - 04	J37 - 02	EQ OUT S02 CH01 R	J27 - 02	EQ OUT S02 CH01 R
J01 - 05	J38 - 01	EQ OUT S03 CH01 T	J28 - 01	EQ OUT S03 CH01 T
J01 - 06	J38 - 02	EQ OUT S03 CH01 R	J28 - 02	EQ OUT S03 CH01 R
J01 - 07	J39 - 01	EQ OUT S04 CH01 T	J29 - 01	EQ OUT S04 CH01 T
J01 - 08	J39 - 02	EQ OUT S04 CH01 R	J29 - 02	EQ OUT S04 CH01 R
J01 - 09	J40 - 01	EQ OUT S05 CH01 T		
J01 - 10	J40 - 02	EQ OUT S05 CH01 R		
J01 - 11	J43 - 01	EQ OUT S06 CH01 T		
J01 - 12	J43 - 02	EQ OUT S06 CH01 R		
J01 - 13	J44 - 01	EQ OUT S07 CH01 T	J26 - 05	EQ OUT S01 CH02 T
J01 - 14	J44 - 02	EQ OUT S07 CH01 R	J26 - 06	EQ OUT S01 CH02 R
J01 - 15	J45 - 01	EQ OUT S08 CH01 T	J27 - 05	EQ OUT S02 CH02 T
J01 - 16	J45 - 02	EQ OUT S08 CH01 R	J27 - 06	EQ OUT S02 CH02 R
J01 - 17	J46 - 01	EQ OUT S09 CH01 T	J28 - 05	EQ OUT S03 CH02 T
J01 - 18	J46 - 02	EQ OUT S09 CH01 R	J28 - 06	EQ OUT S03 CH02 R
J01 - 19	J47 - 01	EQ OUT S10 CH01 T	J29 - 05	EQ OUT S04 CH02 T
J01 - 20	J47 - 02	EQ OUT S10 CH01 R	J29 - 06	EQ OUT S04 CH02 R
(S=1-10)			(S=1-4)	
B401 - TO A402 J3			B401 - TO A402 J3	
J02 - 01	J36 - 05	EQ OUT S01 CH02 T	J26 - 09	EQ OUT S01 CH03 T
J02 - 02	J36 - 06	EQ OUT S01 CH02 R	J26 - 10	EQ OUT S01 CH03 R
J02 - 03	J37 - 05	EQ OUT S02 CH02 T	J27 - 09	EQ OUT S02 CH03 T
J02 - 04	J37 - 06	EQ OUT S02 CH02 R	J27 - 10	EQ OUT S02 CH03 R
J02 - 05	J38 - 05	EQ OUT S03 CH02 T	J28 - 09	EQ OUT S03 CH03 T
J02 - 06	J38 - 06	EQ OUT S03 CH02 R	J28 - 10	EQ OUT S03 CH03 R
J02 - 07	J39 - 05	EQ OUT S04 CH02 T	J29 - 09	EQ OUT S04 CH03 T
J02 - 08	J39 - 06	EQ OUT S04 CH02 R	J29 - 10	EQ OUT S04 CH03 R
J02 - 09	J40 - 05	EQ OUT S05 CH02 T		
J02 - 10	J40 - 06	EQ OUT S05 CH02 R		
J02 - 11	J43 - 05	EQ OUT S06 CH02 T		
J02 - 12	J43 - 06	EQ OUT S06 CH02 R		
J02 - 13	J44 - 05	EQ OUT S07 CH02 T	J26 - 13	EQ OUT S01 CH04 T
J02 - 14	J44 - 06	EQ OUT S07 CH02 R	J26 - 14	EQ OUT S01 CH04 R
J02 - 15	J45 - 05	EQ OUT S08 CH02 T	J27 - 13	EQ OUT S02 CH04 T
J02 - 16	J45 - 06	EQ OUT S08 CH02 R	J27 - 14	EQ OUT S02 CH04 R
J02 - 17	J46 - 05	EQ OUT S09 CH02 T	J28 - 13	EQ OUT S03 CH04 T
J02 - 18	J46 - 06	EQ OUT S09 CH02 R	J28 - 14	EQ OUT S03 CH04 R
J02 - 19	J47 - 05	EQ OUT S10 CH02 T	J29 - 13	EQ OUT S04 CH04 T
J02 - 20	J47 - 06	EQ OUT S10 CH02 R	J29 - 14	EQ OUT S04 CH04 R

Continued

(S=1-10)			(S=1-4)	
B401 - TO A403 J3			B401 - TO A403 J3	
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J03 - 01	J36 - 09	EQ OUT S01 CH03 T	J26 - 17	EQ OUT S01 CH05 T
J03 - 02	J36 - 10	EQ OUT S01 CH03 R	J26 - 18	EQ OUT S01 CH05 R
J03 - 03	J37 - 09	EQ OUT S02 CH03 T	J27 - 17	EQ OUT S02 CH05 T
J03 - 04	J37 - 10	EQ OUT S02 CH03 R	J27 - 18	EQ OUT S02 CH05 R
J03 - 05	J38 - 09	EQ OUT S03 CH03 T	J28 - 17	EQ OUT S03 CH05 T
J03 - 06	J38 - 10	EQ OUT S03 CH03 R	J28 - 18	EQ OUT S03 CH05 R
J03 - 07	J39 - 09	EQ OUT S04 CH03 T	J29 - 17	EQ OUT S04 CH05 T
J03 - 08	J39 - 10	EQ OUT S04 CH03 R	J29 - 18	EQ OUT S04 CH05 R
J03 - 09	J40 - 09	EQ OUT S05 CH03 T		
J03 - 10	J40 - 10	EQ OUT S05 CH03 R		
J03 - 11	J43 - 09	EQ OUT S06 CH03 T		
J03 - 12	J43 - 10	EQ OUT S06 CH03 R		
J03 - 13	J44 - 09	EQ OUT S07 CH03 T	J26 - 21	EQ OUT S01 CH06 T
J03 - 14	J44 - 10	EQ OUT S07 CH03 R	J26 - 22	EQ OUT S01 CH06 R
J03 - 15	J45 - 09	EQ OUT S08 CH03 T	J27 - 21	EQ OUT S02 CH06 T
J03 - 16	J45 - 10	EQ OUT S08 CH03 R	J27 - 22	EQ OUT S02 CH06 R
J03 - 17	J46 - 09	EQ OUT S09 CH03 T	J28 - 21	EQ OUT S03 CH06 T
J03 - 18	J46 - 10	EQ OUT S09 CH03 R	J28 - 22	EQ OUT S03 CH06 R
J03 - 19	J47 - 09	EQ OUT S10 CH03 T	J29 - 21	EQ OUT S04 CH06 T
J03 - 20	J47 - 10	EQ OUT S10 CH03 R	J29 - 22	EQ OUT S04 CH06 R
(S=1-10)			(S=1-4)	
B401 - TO A404 J3			B401 - TO A404 J3	
J04 - 01	J36 - 13	EQ OUT S01 CH04 T	J26 - 25	EQ OUT S01 CH07 T
J04 - 02	J36 - 14	EQ OUT S01 CH04 R	J26 - 26	EQ OUT S01 CH07 R
J04 - 03	J37 - 13	EQ OUT S02 CH04 T	J27 - 25	EQ OUT S02 CH07 T
J04 - 04	J37 - 14	EQ OUT S02 CH04 R	J27 - 26	EQ OUT S02 CH07 R
J04 - 05	J38 - 13	EQ OUT S03 CH04 T	J28 - 25	EQ OUT S03 CH07 T
J04 - 06	J38 - 14	EQ OUT S03 CH04 R	J28 - 26	EQ OUT S03 CH07 R
J04 - 07	J39 - 13	EQ OUT S04 CH04 T	J29 - 25	EQ OUT S04 CH07 T
J04 - 08	J39 - 14	EQ OUT S04 CH04 R	J29 - 26	EQ OUT S04 CH07 R
J04 - 09	J40 - 13	EQ OUT S05 CH04 T		
J04 - 10	J40 - 14	EQ OUT S05 CH04 R		
J04 - 11	J43 - 13	EQ OUT S06 CH04 T		
J04 - 12	J43 - 14	EQ OUT S06 CH04 R		
J04 - 13	J44 - 13	EQ OUT S07 CH04 T	J26 - 29	EQ OUT S01 CH08 T
J04 - 14	J44 - 14	EQ OUT S07 CH04 R	J26 - 30	EQ OUT S01 CH08 R
J04 - 15	J45 - 13	EQ OUT S08 CH04 T	J27 - 29	EQ OUT S02 CH08 T
J04 - 16	J45 - 14	EQ OUT S08 CH04 R	J27 - 30	EQ OUT S02 CH08 R
J04 - 17	J46 - 13	EQ OUT S09 CH04 T	J28 - 29	EQ OUT S03 CH08 T
J04 - 18	J46 - 14	EQ OUT S09 CH04 R	J28 - 30	EQ OUT S03 CH08 R
J04 - 19	J47 - 13	EQ OUT S10 CH04 T	J29 - 29	EQ OUT S04 CH08 T
J04 - 20	J47 - 14	EQ OUT S10 CH04 R	J29 - 30	EQ OUT S04 CH08 R

Continued

Continued

(S=1-10)
B401 - TO A405 J3

<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>
J05 - 01	J36 - 17	EQ OUT S01 CH05 T
J05 - 02	J36 - 18	EQ OUT S01 CH05 R
J05 - 03	J37 - 17	EQ OUT S02 CH05 T
J05 - 04	J37 - 18	EQ OUT S02 CH05 R
J05 - 05	J38 - 17	EQ OUT S03 CH05 T
J05 - 06	J38 - 18	EQ OUT S03 CH05 R
J05 - 07	J39 - 17	EQ OUT S04 CH05 T
J05 - 08	J39 - 18	EQ OUT S04 CH05 R
J05 - 09	J40 - 17	EQ OUT S05 CH05 T
J05 - 10	J40 - 18	EQ OUT S05 CH05 R
J05 - 11	J43 - 17	EQ OUT S06 CH05 T
J05 - 12	J43 - 18	EQ OUT S06 CH05 R
J05 - 13	J44 - 17	EQ OUT S07 CH05 T
J05 - 14	J44 - 18	EQ OUT S07 CH05 R
J05 - 15	J45 - 17	EQ OUT S08 CH05 T
J05 - 16	J45 - 18	EQ OUT S08 CH05 R
J05 - 17	J46 - 17	EQ OUT S09 CH05 T
J05 - 18	J46 - 18	EQ OUT S09 CH05 R
J05 - 19	J47 - 17	EQ OUT S10 CH05 T
J05 - 20	J47 - 18	EQ OUT S10 CH05 R

(S=1-10)
B401 - TO A406 J3

J06 - 01	J36 - 21	EQ OUT S01 CH06 T
J06 - 02	J36 - 22	EQ OUT S01 CH06 R
J06 - 03	J37 - 21	EQ OUT S02 CH06 T
J06 - 04	J37 - 22	EQ OUT S02 CH06 R
J06 - 05	J38 - 21	EQ OUT S03 CH06 T
J06 - 06	J38 - 22	EQ OUT S03 CH06 R
J06 - 07	J39 - 21	EQ OUT S04 CH06 T
J06 - 08	J39 - 22	EQ OUT S04 CH06 R
J06 - 09	J40 - 21	EQ OUT S05 CH06 T
J06 - 10	J40 - 22	EQ OUT S06 CH06 R
J06 - 11	J43 - 21	EQ OUT S06 CH06 T
J06 - 12	J43 - 22	EQ OUT S06 CH06 R
J06 - 13	J44 - 21	EQ OUT S07 CH06 T
J06 - 14	J44 - 22	EQ OUT S07 CH06 R
J06 - 15	J45 - 21	EQ OUT S08 CH06 T
J06 - 16	J45 - 22	EQ OUT S08 CH06 R
J06 - 17	J46 - 21	EQ OUT S09 CH06 T
J06 - 18	J46 - 22	EQ OUT S09 CH06 R
J06 - 19	J47 - 21	EQ OUT S10 CH06 T
J06 - 20	J47 - 22	EQ OUT S10 CH06 R

(S=1-4)
B401 - TO A405 J3

<u>TO</u>	<u>FUNCTION</u>
J26 - 33	EQ OUT S01 CH09 T
J26 - 34	EQ OUT S01 CH09 R
J27 - 33	EQ OUT S02 CH09 T
J27 - 34	EQ OUT S02 CH09 R
J28 - 33	EQ OUT S03 CH09 T
J28 - 34	EQ OUT S03 CH09 R
J29 - 33	EQ OUT S04 CH09 T
J29 - 34	EQ OUT S04 CH09 R
J26 - 37	EQ OUT S01 CH10 T
J26 - 38	EQ OUT S01 CH10 R
J27 - 37	EQ OUT S02 CH10 T
J27 - 38	EQ OUT S02 CH10 R
J28 - 37	EQ OUT S03 CH10 T
J28 - 38	EQ OUT S03 CH10 R
J29 - 37	EQ OUT S04 CH10 T
J29 - 38	EQ OUT S04 CH10 R

(S=1-4)
B401 - TO A406 J3

J26 - 03	EQ OUT S01 CH11 T
J26 - 04	EQ OUT S01 CH11 R
J27 - 03	EQ OUT S02 CH11 T
J27 - 04	EQ OUT S02 CH11 R
J28 - 03	EQ OUT S03 CH11 T
J28 - 04	EQ OUT S03 CH11 R
J29 - 03	EQ OUT S04 CH11 T
J29 - 04	EQ OUT S04 CH11 R
J26 - 07	EQ OUT S01 CH12 T
J26 - 08	EQ OUT S01 CH12 R
J27 - 07	EQ OUT S02 CH12 T
J27 - 08	EQ OUT S02 CH12 R
J28 - 07	EQ OUT S03 CH12 T
J28 - 08	EQ OUT S03 CH12 R
J29 - 07	EQ OUT S04 CH12 T
J29 - 08	EQ OUT S04 CH12 R

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A407 J3			B401 - TO A407 J3	
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J07 - 01	J36 - 25	EQ OUT S01 CH07 T	J26 - 11	EQ OUT S01 CH13 T
J07 - 02	J36 - 26	EQ OUT S01 CH07 R	J26 - 12	EQ OUT S01 CH13 R
J07 - 03	J37 - 25	EQ OUT S02 CH07 T	J27 - 11	EQ OUT S02 CH13 T
J07 - 04	J37 - 26	EQ OUT S02 CH07 R	J27 - 12	EQ OUT S02 CH13 R
J07 - 05	J38 - 25	EQ OUT S03 CH07 T	J28 - 11	EQ OUT S03 CH13 T
J07 - 06	J38 - 26	EQ OUT S03 CH07 R	J28 - 12	EQ OUT S03 CH13 R
J07 - 07	J39 - 25	EQ OUT S04 CH07 T	J29 - 11	EQ OUT S04 CH13 T
J07 - 08	J39 - 26	EQ OUT S04 CH07 R	J29 - 12	EQ OUT S04 CH13 R
J07 - 09	J40 - 25	EQ OUT S05 CH07 T		
J07 - 10	J40 - 26	EQ OUT S05 CH07 R		
J07 - 11	J43 - 25	EQ OUT S06 CH07 T		
J07 - 12	J43 - 26	EQ OUT S06 CH07 R		
J07 - 13	J44 - 25	EQ OUT S07 CH07 T	J26 - 15	EQ OUT S01 CH14 T
J07 - 14	J44 - 26	EQ OUT S07 CH07 R	J26 - 16	EQ OUT S01 CH14 R
J07 - 15	J45 - 25	EQ OUT S08 CH07 T	J27 - 15	EQ OUT S02 CH14 T
J07 - 16	J45 - 26	EQ OUT S08 CH07 R	J27 - 16	EQ OUT S02 CH14 R
J07 - 17	J46 - 25	EQ OUT S09 CH07 T	J28 - 15	EQ OUT S03 CH14 T
J07 - 18	J46 - 26	EQ OUT S09 CH07 R	J28 - 16	EQ OUT S03 CH14 R
J07 - 19	J47 - 25	EQ OUT S10 CH07 T	J29 - 15	EQ OUT S04 CH14 T
J07 - 20	J47 - 26	EQ OUT S10 CH07 R	J29 - 16	EQ OUT S04 CH14 R
(S=1-10)			(S=1-4)	
B401 - TO A408 J3			B401 - TO A408 J3	
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J08 - 01	J36 - 29	EQ OUT S01 CH08 T	J26 - 19	EQ OUT S01 CH15 T
J08 - 02	J36 - 30	EQ OUT S01 CH08 R	J26 - 20	EQ OUT S01 CH15 R
J08 - 03	J37 - 29	EQ OUT S02 CH08 T	J27 - 19	EQ OUT S02 CH15 T
J08 - 04	J37 - 30	EQ OUT S02 CH08 R	J27 - 20	EQ OUT S02 CH15 R
J08 - 05	J38 - 29	EQ OUT S03 CH08 T	J28 - 19	EQ OUT S03 CH15 T
J08 - 06	J38 - 30	EQ OUT S03 CH08 R	J28 - 20	EQ OUT S03 CH15 R
J08 - 07	J39 - 29	EQ OUT S04 CH08 T	J29 - 19	EQ OUT S04 CH15 T
J08 - 08	J39 - 30	EQ OUT S04 CH08 R	J29 - 20	EQ OUT S04 CH15 R
J08 - 09	J40 - 29	EQ OUT S05 CH08 T		
J08 - 10	J40 - 30	EQ OUT S05 CH08 R		
J08 - 11	J43 - 29	EQ OUT S06 CH08 T		
J08 - 12	J43 - 30	EQ OUT S06 CH08 R		
J08 - 13	J44 - 29	EQ OUT S07 CH08 T	J26 - 23	EQ OUT S01 CH16 T
J08 - 14	J44 - 30	EQ OUT S07 CH08 R	J26 - 24	EQ OUT S01 CH16 R
J08 - 15	J45 - 29	EQ OUT S08 CH08 T	J27 - 23	EQ OUT S02 CH16 T
J08 - 16	J45 - 30	EQ OUT S08 CH08 R	J27 - 24	EQ OUT S02 CH16 R
J08 - 17	J46 - 29	EQ OUT S09 CH08 T	J28 - 23	EQ OUT S03 CH16 T
J08 - 18	J46 - 30	EQ OUT S09 CH08 R	J28 - 24	EQ OUT S03 CH16 R
J08 - 19	J47 - 29	EQ OUT S10 CH08 T	J29 - 23	EQ OUT S04 CH16 T
J08 - 20	J47 - 30	EQ OUT S10 CH08 R	J29 - 24	EQ OUT S04 CH16 R

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A409 J3			B401 - TO A409 J3	
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J09 - 01	J36 - 33	EQ OUT S01 CH09 T	J26 - 27	EQ OUT S01 CH17 T
J09 - 02	J36 - 34	EQ OUT S01 CH09 R	J26 - 28	EQ OUT S01 CH17 R
J09 - 03	J37 - 33	EQ OUT S02 CH09 T	J27 - 27	EQ OUT S02 CH17 T
J09 - 04	J37 - 34	EQ OUT S02 CH09 R	J27 - 28	EQ OUT S02 CH17 R
J09 - 05	J38 - 33	EQ OUT S03 CH09 T	J28 - 27	EQ OUT S03 CH17 T
J09 - 06	J38 - 34	EQ OUT S03 CH09 R	J28 - 28	EQ OUT S03 CH17 R
J09 - 07	J39 - 33	EQ OUT S04 CH09 T	J29 - 27	EQ OUT S04 CH17 T
J09 - 08	J39 - 34	EQ OUT S04 CH09 R	J29 - 28	EQ OUT S04 CH17 R
J09 - 09	J40 - 33	EQ OUT S05 CH09 T		
J09 - 10	J40 - 34	EQ OUT S05 CH09 R		
J09 - 11	J43 - 33	EQ OUT S06 CH09 T		
J09 - 12	J43 - 34	EQ OUT S06 CH09 R		
J09 - 13	J44 - 33	EQ OUT S07 CH09 T	J26 - 31	EQ OUT S01 CH18 T
J09 - 14	J44 - 34	EQ OUT S07 CH09 R	J26 - 32	EQ OUT S01 CH18 R
J09 - 15	J45 - 33	EQ OUT S08 CH09 T	J27 - 31	EQ OUT S02 CH18 T
J09 - 16	J45 - 34	EQ OUT S08 CH09 R	J27 - 32	EQ OUT S02 CH18 R
J09 - 17	J46 - 33	EQ OUT S09 CH09 T	J28 - 31	EQ OUT S03 CH18 T
J09 - 18	J46 - 34	EQ OUT S09 CH09 R	J28 - 32	EQ OUT S03 CH18 R
J09 - 19	J47 - 33	EQ OUT S10 CH09 T	J29 - 31	EQ OUT S04 CH18 T
J09 - 20	J47 - 34	EQ OUT S10 CH09 R	J29 - 32	EQ OUT S04 CH18 R
(S=1-10)			(S=1-4)	
B401 - TO A410 J3			B401 - TO A410 J3	
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J10 - 01	J36 - 37	EQ OUT S01 CH10 T	J26 - 35	EQ OUT S01 CH19 T
J10 - 02	J36 - 38	EQ OUT S01 CH10 R	J26 - 36	EQ OUT S01 CH19 R
J10 - 03	J37 - 37	EQ OUT S02 CH10 T	J27 - 35	EQ OUT S02 CH19 T
J10 - 04	J37 - 38	EQ OUT S02 CH10 R	J27 - 36	EQ OUT S02 CH19 R
J10 - 05	J38 - 37	EQ OUT S03 CH10 T	J28 - 35	EQ OUT S03 CH19 T
J10 - 06	J38 - 38	EQ OUT S03 CH10 R	J28 - 36	EQ OUT S03 CH19 R
J10 - 07	J39 - 37	EQ OUT S04 CH10 T	J29 - 35	EQ OUT S04 CH19 T
J10 - 08	J39 - 38	EQ OUT S04 CH10 R	J29 - 36	EQ OUT S04 CH19 R
J10 - 09	J40 - 37	EQ OUT S05 CH10 T		
J10 - 10	J40 - 38	EQ OUT S05 CH10 R		
J10 - 11	J43 - 37	EQ OUT S06 CH10 T		
J10 - 12	J43 - 38	EQ OUT S06 CH10 R		
J10 - 13	J44 - 37	EQ OUT S07 CH10 T	J26 - 39	EQ OUT S01 CH20 T
J10 - 14	J44 - 38	EQ OUT S07 CH10 R	J26 - 40	EQ OUT S01 CH20 R
J10 - 15	J45 - 37	EQ OUT S08 CH10 T	J27 - 39	EQ OUT S02 CH20 T
J10 - 16	J45 - 38	EQ OUT S08 CH10 R	J27 - 40	EQ OUT S02 CH20 R
J10 - 17	J46 - 37	EQ OUT S09 CH10 T	J28 - 39	EQ OUT S03 CH20 T
J10 - 18	J46 - 38	EQ OUT S09 CH10 R	J28 - 40	EQ OUT S03 CH20 R
J10 - 19	J47 - 37	EQ OUT S10 CH10 T	J29 - 39	EQ OUT S04 CH20 T
J10 - 20	J47 - 38	EQ OUT S10 CH10 R	J29 - 40	EQ OUT S04 CH20 R

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A411 J3			B401 - TO A411 J3	
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J11 - 01	J36 - 03	EQ OUT S01 CH11 T	J31 - 31	EQ OUT S01 CH21 T
J11 - 02	J36 - 04	EQ OUT S01 CH11 R	J31 - 32	EQ OUT S01 CH21 R
J11 - 03	J37 - 03	EQ OUT S02 CH11 T	J31 - 39	EQ OUT S02 CH21 T
J11 - 04	J37 - 04	EQ OUT S02 CH11 R	J31 - 40	EQ OUT S02 CH21 R
J11 - 05	J38 - 03	EQ OUT S03 CH11 T	J31 - 15	EQ OUT S03 CH21 T
J11 - 06	J38 - 04	EQ OUT S03 CH11 R	J31 - 16	EQ OUT S03 CH21 R
J11 - 07	J39 - 03	EQ OUT S04 CH11 T	J32 - 47	EQ OUT S04 CH21 T
J11 - 08	J39 - 04	EQ OUT S04 CH11 R	J32 - 48	EQ OUT S04 CH21 R
J11 - 09	J40 - 03	EQ OUT S05 CH11 T		
J11 - 10	J40 - 04	EQ OUT S05 CH11 R		
J11 - 11	J43 - 03	EQ OUT S06 CH11 T		
J11 - 12	J43 - 04	EQ OUT S06 CH11 R		
J11 - 13	J44 - 03	EQ OUT S07 CH11 T	J31 - 33	EQ OUT S01 CH22 T
J11 - 14	J44 - 04	EQ OUT S07 CH11 R	J31 - 33	EQ OUT S01 CH22 R
J11 - 15	J45 - 03	EQ OUT S08 CH11 T	J31 - 41	EQ OUT S02 CH22 T
J11 - 16	J45 - 04	EQ OUT S08 CH11 R	J31 - 42	EQ OUT S02 CH22 R
J11 - 17	J46 - 03	EQ OUT S09 CH11 T	J31 - 17	EQ OUT S03 CH22 T
J11 - 18	J46 - 04	EQ OUT S09 CH11 R	J31 - 18	EQ OUT S03 CH22 R
J11 - 19	J47 - 03	EQ OUT S10 CH11 T	J32 - 49	EQ OUT S04 CH22 T
J11 - 20	J47 - 04	EQ OUT S10 CH11 R	J32 - 50	EQ OUT S04 CH22 R
(S=1-10)			(S=1-4)	
B401 - TO A412 J3			B401 - TO A412 J3	
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J12 - 01	J36 - 07	EQ OUT S01 CH12 T	J31 - 45	EQ OUT S01 CH23 T
J12 - 02	J36 - 08	EQ OUT S01 CH12 R	J31 - 46	EQ OUT S01 CH23 R
J12 - 03	J37 - 07	EQ OUT S02 CH12 T	J31 - 21	EQ OUT S02 CH23 T
J12 - 04	J37 - 08	EQ OUT S02 CH12 R	J31 - 22	EQ OUT S02 CH23 R
J12 - 05	J38 - 07	EQ OUT S03 CH12 T	J32 - 29	EQ OUT S03 CH23 T
J12 - 06	J38 - 08	EQ OUT S03 CH12 R	J32 - 30	EQ OUT S03 CH23 R
J12 - 07	J39 - 07	EQ OUT S04 CH12 T	J32 - 37	EQ OUT S04 CH23 T
J12 - 08	J39 - 08	EQ OUT S04 CH12 R	J32 - 38	EQ OUT S04 CH23 R
J12 - 09	J40 - 07	EQ OUT S05 CH12 T		
J12 - 10	J40 - 08	EQ OUT S05 CH12 R		
J12 - 11	J43 - 07	EQ OUT S06 CH12 T		
J12 - 12	J43 - 08	EQ OUT S06 CH12 R		
J12 - 13	J44 - 07	EQ OUT S07 CH12 T	J31 - 47	EQ OUT S01 CH24 T
J12 - 14	J44 - 08	EQ OUT S07 CH12 R	J31 - 48	EQ OUT S01 CH24 R
J12 - 15	J45 - 07	EQ OUT S08 CH12 T	J31 - 23	EQ OUT S02 CH24 T
J12 - 16	J45 - 08	EQ OUT S08 CH12 R	J31 - 24	EQ OUT S02 CH24 R
J12 - 17	J46 - 07	EQ OUT S09 CH12 T	J32 - 31	EQ OUT S03 CH24 T
J12 - 18	J46 - 08	EQ OUT S09 CH12 R	J32 - 32	EQ OUT S03 CH24 R
J12 - 19	J47 - 07	EQ OUT S10 CH12 T	J32 - 39	EQ OUT S04 CH24 T
J12 - 20	J47 - 08	EQ OUT S10 CH12 R	J32 - 40	EQ OUT S04 CH24 R

Continued

Continued

(S=1-10)**B401 - TO A413 J3**

<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>
J13 - 01	J36 - 11	EQ OUT S01 CH13 T
J13 - 02	J36 - 12	EQ OUT S01 CH13 R
J13 - 03	J37 - 11	EQ OUT S02 CH13 T
J13 - 04	J37 - 12	EQ OUT S02 CH13 R
J13 - 05	J38 - 11	EQ OUT S03 CH13 T
J13 - 06	J38 - 12	EQ OUT S03 CH13 R
J13 - 07	J39 - 11	EQ OUT S04 CH13 T
J13 - 08	J39 - 12	EQ OUT S04 CH13 R
J13 - 09	J40 - 11	EQ OUT S05 CH13 T
J13 - 10	J40 - 12	EQ OUT S05 CH13 R
J13 - 11	J43 - 11	EQ OUT S06 CH13 T
J13 - 12	J43 - 12	EQ OUT S06 CH13 R
J13 - 13	J44 - 11	EQ OUT S07 CH13 T
J13 - 14	J44 - 12	EQ OUT S07 CH13 R
J13 - 15	J45 - 11	EQ OUT S08 CH13 T
J13 - 16	J45 - 12	EQ OUT S08 CH13 R
J13 - 17	J46 - 11	EQ OUT S09 CH13 T
J13 - 18	J46 - 12	EQ OUT S09 CH13 R
J13 - 19	J47 - 11	EQ OUT S10 CH13 T
J13 - 20	J47 - 12	EQ OUT S10 CH13 R

(S=1-10)**B401 - TO A414 J3**

<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>
J14 - 01	J36 - 15	EQ OUT S01 CH14 T
J14 - 02	J36 - 16	EQ OUT S01 CH14 R
J14 - 03	J37 - 15	EQ OUT S02 CH14 T
J14 - 04	J37 - 16	EQ OUT S02 CH14 R
J14 - 05	J38 - 15	EQ OUT S03 CH14 T
J14 - 06	J38 - 16	EQ OUT S03 CH14 R
J14 - 07	J39 - 15	EQ OUT S04 CH14 T
J14 - 08	J39 - 16	EQ OUT S04 CH14 R
J14 - 09	J40 - 15	EQ OUT S05 CH14 T
J14 - 10	J40 - 16	EQ OUT S05 CH14 R
J14 - 11	J43 - 15	EQ OUT S06 CH14 T
J14 - 12	J43 - 16	EQ OUT S06 CH14 R
J14 - 13	J44 - 15	EQ OUT S07 CH14 T
J14 - 14	J44 - 16	EQ OUT S07 CH14 R
J14 - 15	J45 - 15	EQ OUT S08 CH14 T
J14 - 16	J45 - 16	EQ OUT S08 CH14 R
J14 - 17	J46 - 15	EQ OUT S09 CH14 T
J14 - 18	J46 - 16	EQ OUT S09 CH14 R
J14 - 19	J47 - 15	EQ OUT S10 CH14 T
J14 - 20	J47 - 16	EQ OUT S10 CH14 R

(S=1-4)**B401 - TO A413 J3**

<u>TO</u>	<u>FUNCTION</u>
J31 - 49	EQ OUT S01 CH25 T
J31 - 50	EQ OUT S01 CH25 R
J31 - 25	EQ OUT S02 CH25 T
J31 - 26	EQ OUT S02 CH25 R
J32 - 33	EQ OUT S03 CH25 T
J32 - 34	EQ OUT S03 CH25 R
J32 - 41	EQ OUT S04 CH25 T
J32 - 42	EQ OUT S04 CH25 R

(S=1-4)

<u>TO</u>	<u>FUNCTION -</u>
-----------	-------------------

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A415 J3				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J15 - 01	J36 - 19	EQ OUT S01 CH15 T		
J15 - 02	J36 - 20	EQ OUT S01 CH15 R		
J15 - 03	J37 - 19	EQ OUT S02 CH15 T		
J15 - 04	J37 - 20	EQ OUT S02 CH15 R		
J15 - 05	J38 - 19	EQ OUT S03 CH15 T		
J15 - 06	J38 - 20	EQ OUT S03 CH15 R		
J15 - 07	J39 - 19	EQ OUT S04 CH15 T		
J15 - 08	J39 - 20	EQ OUT S04 CH15 R		
J15 - 09	J40 - 19	EQ OUT S05 CH15 T		
J15 - 10	J40 - 20	EQ OUT S05 CH15 R		
J15 - 11	J43 - 19	EQ OUT S06 CH15 T		
J15 - 12	J43 - 20	EQ OUT S06 CH15 R		
J15 - 13	J44 - 19	EQ OUT S07 CH15 T		
J15 - 14	J44 - 20	EQ OUT S07 CH15 R		
J15 - 15	J45 - 19	EQ OUT S08 CH15 T		
J15 - 16	J45 - 20	EQ OUT S08 CH15 R		
J15 - 17	J46 - 19	EQ OUT S09 CH15 T		
J15 - 18	J46 - 20	EQ OUT S09 CH15 R		
J15 - 19	J47 - 19	EQ OUT S10 CH15 T		
J15 - 20	J47 - 20	EQ OUT S10 CH15 R		
(S=1-10)			(S=1-4)	
B401 - TO A416 J3				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J16 - 01	J36 - 23	EQ OUT S01 CH16 T		
J16 - 02	J36 - 24	EQ OUT S01 CH16 R		
J16 - 03	J37 - 23	EQ OUT S02 CH16 T		
J16 - 04	J37 - 24	EQ OUT S02 CH16 R		
J16 - 05	J38 - 23	EQ OUT S03 CH16 T		
J16 - 06	J38 - 24	EQ OUT S03 CH16 R		
J16 - 07	J39 - 23	EQ OUT S04 CH16 T		
J16 - 08	J39 - 24	EQ OUT S04 CH16 R		
J16 - 09	J40 - 23	EQ OUT S05 CH16 T		
J16 - 10	J40 - 24	EQ OUT S05 CH16 R		
J16 - 11	J43 - 23	EQ OUT S06 CH16 T		
J16 - 12	J43 - 24	EQ OUT S06 CH16 R		
J16 - 13	J44 - 23	EQ OUT S07 CH16 T		
J16 - 14	J44 - 24	EQ OUT S07 CH16 R		
J16 - 15	J45 - 23	EQ OUT S08 CH16 T		
J16 - 16	J45 - 24	EQ OUT S08 CH16 R		
J16 - 17	J46 - 23	EQ OUT S09 CH16 T		
J16 - 18	J46 - 24	EQ OUT S09 CH16 R		
J16 - 19	J47 - 23	EQ OUT S10 CH16 T		
J16 - 20	J47 - 24	EQ OUT S10 CH16 R		

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A417 J3				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J17 - 01	J36 - 27	EQ OUT S01 CH17 T		
J17 - 02	J36 - 28	EQ OUT S01 CH17 R		
J17 - 03	J37 - 27	EQ OUT S02 CH17 T		
J17 - 04	J37 - 28	EQ OUT S02 CH17 R		
J17 - 05	J38 - 27	EQ OUT S03 CH17 T		
J17 - 06	J38 - 28	EQ OUT S03 CH17 R		
J17 - 07	J39 - 27	EQ OUT S04 CH17 T		
J17 - 08	J39 - 28	EQ OUT S04 CH17 R		
J17 - 09	J40 - 27	EQ OUT S05 CH17 T		
J17 - 10	J40 - 28	EQ OUT S05 CH17 R		
J17 - 11	J43 - 27	EQ OUT S06 CH17 T		
J17 - 12	J43 - 28	EQ OUT S06 CH17 R		
J17 - 13	J44 - 27	EQ OUT S07 CH17 T		
J17 - 14	J44 - 28	EQ OUT S07 CH17 R		
J17 - 15	J45 - 27	EQ OUT S08 CH17 T		
J17 - 16	J45 - 28	EQ OUT S08 CH17 R		
J17 - 17	J46 - 27	EQ OUT S09 CH17 T		
J17 - 18	J46 - 28	EQ OUT S09 CH17 R		
J17 - 19	J47 - 27	EQ OUT S10 CH17 T		
J17 - 20	J47 - 28	EQ OUT S10 CH17 R		
(S=1-10)			(S=1-4)	
B401 - TO A418 J3				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J18 - 01	J36 - 31	EQ OUT S01 CH18 T		
J18 - 02	J36 - 32	EQ OUT S01 CH18 R		
J18 - 03	J37 - 31	EQ OUT S02 CH18 T		
J18 - 04	J37 - 32	EQ OUT S02 CH18 R		
J18 - 05	J38 - 31	EQ OUT S03 CH18 T		
J18 - 06	J38 - 32	EQ OUT S03 CH18 R		
J18 - 07	J39 - 31	EQ OUT S04 CH18 T		
J18 - 08	J39 - 32	EQ OUT S04 CH18 R		
J18 - 09	J40 - 31	EQ OUT S05 CH18 T		
J18 - 10	J40 - 32	EQ OUT S05 CH18 R		
J18 - 11	J43 - 31	EQ OUT S06 CH18 T		
J18 - 12	J43 - 32	EQ OUT S06 CH18 R		
J18 - 13	J44 - 31	EQ OUT S07 CH18 T		
J18 - 14	J44 - 32	EQ OUT S07 CH18 R		
J18 - 15	J45 - 31	EQ OUT S08 CH18 T		
J18 - 16	J45 - 32	EQ OUT S08 CH18 R		
J18 - 17	J46 - 31	EQ OUT S09 CH18 T		
J18 - 18	J46 - 32	EQ OUT S09 CH18 R		
J18 - 19	J47 - 31	EQ OUT S10 CH18 T		
J18 - 20	J47 - 32	EQ OUT S10 CH18 R		

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A419 J3				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J19 - 01	J36 - 35	EQ OUT S01 CH19 T		
J19 - 02	J36 - 36	EQ OUT S01 CH19 R		
J19 - 03	J37 - 35	EQ OUT S02 CH19 T		
J19 - 04	J37 - 36	EQ OUT S02 CH19 R		
J19 - 05	J38 - 35	EQ OUT S03 CH19 T		
J19 - 06	J38 - 36	EQ OUT S03 CH19 R		
J19 - 07	J39 - 35	EQ OUT S04 CH19 T		
J19 - 08	J39 - 36	EQ OUT S04 CH19 R		
J19 - 09	J40 - 35	EQ OUT S05 CH19 T		
J19 - 10	J40 - 36	EQ OUT S05 CH19 R		
J19 - 11	J43 - 35	EQ OUT S06 CH19 T		
J19 - 12	J43 - 36	EQ OUT S06 CH19 R		
J19 - 13	J44 - 35	EQ OUT S07 CH19 T		
J19 - 14	J44 - 36	EQ OUT S07 CH19 R		
J19 - 15	J45 - 35	EQ OUT S08 CH19 T		
J19 - 16	J45 - 36	EQ OUT S08 CH19 R		
J19 - 17	J46 - 35	EQ OUT S09 CH19 T		
J19 - 18	J46 - 36	EQ OUT S09 CH19 R		
J19 - 19	J47 - 35	EQ OUT S10 CH19 T		
J19 - 20	J47 - 36	EQ OUT S10 CH19 R		
(S=1-10)			(S=1-4)	
B401 - TO A420 J3				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J20 - 01	J36 - 39	EQ OUT S01 CH20 T		
J20 - 02	J36 - 40	EQ OUT S01 CH20 R		
J20 - 03	J37 - 39	EQ OUT S02 CH20 T		
J20 - 04	J37 - 40	EQ OUT S02 CH20 R		
J20 - 05	J38 - 39	EQ OUT S03 CH20 T		
J20 - 06	J38 - 40	EQ OUT S03 CH20 R		
J20 - 07	J39 - 39	EQ OUT S04 CH20 T		
J20 - 08	J39 - 40	EQ OUT S04 CH20 R		
J20 - 09	J40 - 39	EQ OUT S05 CH20 T		
J20 - 10	J40 - 40	EQ OUT S05 CH20 R		
J20 - 11	J43 - 39	EQ OUT S06 CH20 T		
J20 - 12	J43 - 40	EQ OUT S06 CH20 R		
J20 - 13	J44 - 39	EQ OUT S07 CH20 T		
J20 - 14	J44 - 40	EQ OUT S07 CH20 R		
J20 - 15	J45 - 39	EQ OUT S08 CH20 T		
J20 - 16	J45 - 40	EQ OUT S08 CH20 R		
J20 - 17	J46 - 39	EQ OUT S09 CH20 T		
J20 - 18	J46 - 40	EQ OUT S09 CH20 R		
J20 - 19	J47 - 39	EQ OUT S10 CH20 T		
J20 - 20	J47 - 40	EQ OUT S10 CH20 R		

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A421 J3				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J21 - 01	J41 - 31	EQ OUT S01 CH21 T		
J21 - 02	J41 - 32	EQ OUT S01 CH21 R		
J21 - 03	J41 - 39	EQ OUT S02 CH21 T		
J21 - 04	J41 - 40	EQ OUT S02 CH21 R		
J21 - 05	J41 - 15	EQ OUT S03 CH21 T		
J21 - 06	J41 - 16	EQ OUT S03 CH21 R		
J21 - 07	J42 - 47	EQ OUT S04 CH21 T		
J21 - 08	J42 - 48	EQ OUT S04 CH21 R		
J21 - 09	J42 - 23	EQ OUT S05 CH21 T		
J21 - 10	J42 - 24	EQ OUT S05 CH21 R		
J21 - 11	J48 - 31	EQ OUT S06 CH21 T		
J21 - 12	J48 - 32	EQ OUT S06 CH21 R		
J21 - 13	J48 - 39	EQ OUT S07 CH21 T		
J21 - 14	J48 - 40	EQ OUT S07 CH21 R		
J21 - 15	J48 - 15	EQ OUT S08 CH21 T		
J21 - 16	J48 - 16	EQ OUT S08 CH21 R		
J21 - 17	J49 - 47	EQ OUT S09 CH21 T		
J21 - 18	J49 - 48	EQ OUT S09 CH21 R		
J21 - 19	J49 - 23	EQ OUT S10 CH21 T		
J21 - 20	J49 - 24	EQ OUT S10 CH21 R		
(S=1-10)			(S=1-4)	
B401 - TO A422 J3				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J22 - 01	J41 - 33	EQ OUT S01 CH22 T		
J22 - 02	J41 - 34	EQ OUT S01 CH22 R		
J22 - 03	J41 - 41	EQ OUT S02 CH22 T		
J22 - 04	J41 - 42	EQ OUT S02 CH22 R		
J22 - 05	J41 - 17	EQ OUT S03 CH22 T		
J22 - 06	J41 - 18	EQ OUT S03 CH22 R		
J22 - 07	J42 - 49	EQ OUT S04 CH22 T		
J22 - 08	J42 - 50	EQ OUT S04 CH22 R		
J22 - 09	J42 - 25	EQ OUT S05 CH22 T		
J22 - 10	J42 - 26	EQ OUT S05 CH22 R		
J22 - 11	J48 - 33	EQ OUT S06 CH22 T		
J22 - 12	J48 - 34	EQ OUT S06 CH22 R		
J22 - 13	J48 - 41	EQ OUT S07 CH22 T		
J22 - 14	J48 - 42	EQ OUT S07 CH22 R		
J22 - 15	J48 - 17	EQ OUT S08 CH22 T		
J22 - 16	J48 - 18	EQ OUT S08 CH22 R		
J22 - 17	J49 - 49	EQ OUT S09 CH22 T		
J22 - 18	J49 - 50	EQ OUT S09 CH22 R		
J22 - 19	J49 - 25	EQ OUT S10 CH22 T		
J22 - 20	J49 - 26	EQ OUT S10 CH22 R		

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A423 J3				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J23 - 01	J41 - 45	EQ OUT S01 CH23 T		
J23 - 02	J41 - 46	EQ OUT S01 CH23 R		
J23 - 03	J41 - 21	EQ OUT S02 CH23 T		
J23 - 04	J41 - 22	EQ OUT S02 CH23 R		
J23 - 05	J42 - 29	EQ OUT S03 CH23 T		
J23 - 06	J42 - 30	EQ OUT S03 CH23 R		
J23 - 07	J42 - 37	EQ OUT S04 CH23 T		
J23 - 08	J42 - 38	EQ OUT S04 CH23 R		
J23 - 09	J42 - 13	EQ OUT S05 CH23 T		
J23 - 10	J42 - 14	EQ OUT S05 CH23 R		
J23 - 11	J48 - 45	EQ OUT S06 CH23 T		
J23 - 12	J48 - 46	EQ OUT S06 CH23 R		
J23 - 13	J48 - 21	EQ OUT S07 CH23 T		
J23 - 14	J48 - 22	EQ OUT S07 CH23 R		
J23 - 15	J49 - 29	EQ OUT S08 CH23 T		
J23 - 16	J49 - 30	EQ OUT S08 CH23 R		
J23 - 17	J49 - 37	EQ OUT S09 CH23 T		
J23 - 18	J49 - 38	EQ OUT S09 CH23 R		
J23 - 19	J49 - 13	EQ OUT S10 CH23 T		
J23 - 20	J49 - 14	EQ OUT S10 CH23 R		
(S=1-10)			(S=1-4)	
B401 - TO A424 J3				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J24 - 01	J41 - 47	EQ OUT S01 CH24 T		
J24 - 02	J41 - 48	EQ OUT S01 CH24 R		
J24 - 03	J41 - 23	EQ OUT S02 CH24 T		
J24 - 04	J41 - 24	EQ OUT S02 CH24 R		
J24 - 05	J42 - 31	EQ OUT S03 CH24 T		
J24 - 06	J42 - 32	EQ OUT S03 CH24 R		
J24 - 07	J42 - 39	EQ OUT S04 CH24 T		
J24 - 08	J42 - 40	EQ OUT S04 CH24 R		
J24 - 09	J42 - 15	EQ OUT S05 CH24 T		
J24 - 10	J42 - 16	EQ OUT S05 CH24 R		
J24 - 11	J48 - 47	EQ OUT S06 CH24 T		
J24 - 12	J48 - 48	EQ OUT S06 CH24 R		
J24 - 13	J48 - 23	EQ OUT S07 CH24 T		
J24 - 14	J48 - 24	EQ OUT S07 CH24 R		
J24 - 15	J49 - 31	EQ OUT S08 CH24 T		
J24 - 16	J49 - 32	EQ OUT S08 CH24 R		
J24 - 17	J49 - 39	EQ OUT S09 CH24 T		
J24 - 18	J49 - 40	EQ OUT S09 CH24 R		
J24 - 19	J49 - 15	EQ OUT S10 CH24 T		
J24 - 20	J49 - 16	EQ OUT S10 CH24 R		

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A425 J3				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J25 - 01	J41 - 49	EQ OUT S01 CH25 T		
J25 - 02	J41 - 50	EQ OUT S01 CH25 R		
J25 - 03	J41 - 25	EQ OUT S02 CH25 T		
J25 - 04	J41 - 26	EQ OUT S02 CH25 R		
J25 - 05	J42 - 33	EQ OUT S03 CH25 T		
J25 - 06	J42 - 34	EQ OUT S03 CH25 R		
J25 - 07	J42 - 41	EQ OUT S04 CH25 T		
J25 - 08	J42 - 42	EQ OUT S04 CH25 R		
J25 - 09	J42 - 17	EQ OUT S05 CH25 T		
J25 - 10	J42 - 18	EQ OUT S05 CH25 R		
J25 - 11	J48 - 49	EQ OUT S06 CH25 T		
J25 - 12	J48 - 50	EQ OUT S06 CH25 R		
J25 - 13	J48 - 25	EQ OUT S07 CH25 T		
J25 - 14	J48 - 26	EQ OUT S07 CH25 R		
J25 - 15	J49 - 33	EQ OUT S08 CH25 T		
J25 - 16	J49 - 34	EQ OUT S08 CH25 R		
J25 - 17	J49 - 41	EQ OUT S09 CH25 T		
J25 - 18	J49 - 42	EQ OUT S09 CH25 R		
J25 - 19	J49 - 17	EQ OUT S10 CH25 T		
J25 - 20	J49 - 18	EQ OUT S10 CH25 R		
(S=1-10)			(S=1-4)	
			B401 - TO A200 P1	
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J26 - 01			J01 - 01	EQ OUT S01 CH01 T
J26 - 02			J01 - 02	EQ OUT S01 CH01 R
J26 - 03			J06 - 01	EQ OUT S01 CH11 T
J26 - 04			J06 - 02	EQ OUT S01 CH11 R
J26 - 05			J01 - 13	EQ OUT S01 CH02 T
J26 - 06			J01 - 14	EQ OUT S01 CH02 R
J26 - 07			J06 - 13	EQ OUT S01 CH12 T
J26 - 08			J06 - 14	EQ OUT S01 CH12 R
J26 - 09			J02 - 01	EQ OUT S01 CH03 T
J26 - 10			J02 - 02	EQ OUT S01 CH03 R
J26 - 11			J07 - 01	EQ OUT S01 CH13 T
J26 - 12			J07 - 02	EQ OUT S01 CH13 R
J26 - 13			J02 - 13	EQ OUT S01 CH04 T
J26 - 14			J02 - 14	EQ OUT S01 CH04 R
J26 - 15			J07 - 13	EQ OUT S01 CH14 T
J26 - 16			J07 - 14	EQ OUT S01 CH14 R
J26 - 17			J03 - 01	EQ OUT S01 CH05 T
J26 - 18			J03 - 02	EQ OUT S01 CH05 R
J26 - 19			J08 - 01	EQ OUT S01 CH15 T
J26 - 20			J08 - 02	EQ OUT S01 CH15 R
J26 - 21			J03 - 13	EQ OUT S01 CH06 T
J26 - 22			J03 - 14	EQ OUT S01 CH06 R

Continued

Continued

(S=1-10)			(S=1-4)	
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	B401 - TO A200 P1	
J26 - 23			<u>TO</u>	<u>FUNCTION</u>
J26 - 24			J08 - 13	EQ OUT S01 CH16 T
J26 - 25			J08 - 14	EQ OUT S01 CH16 R
J26 - 26			J04 - 01	EQ OUT S01 CH07 T
J26 - 27			J04 - 02	EQ OUT S01 CH07 R
J26 - 28			J09 - 01	EQ OUT S01 CH17 T
J26 - 29			J09 - 02	EQ OUT S01 CH17 R
J26 - 30			J04 - 13	EQ OUT S01 CH08 T
J26 - 31			J04 - 14	EQ OUT S01 CH08 R
J26 - 32			J09 - 13	EQ OUT S01 CH18 T
J26 - 33			J09 - 14	EQ OUT S01 CH18 R
J26 - 34			J05 - 01	EQ OUT S01 CH09 T
J26 - 35			J05 - 02	EQ OUT S01 CH09 R
J26 - 36			J10 - 01	EQ OUT S01 CH19 T
J26 - 37			J10 - 02	EQ OUT S01 CH19 R
J26 - 38			J05 - 13	EQ OUT S01 CH10 T
J26 - 39			J05 - 14	EQ OUT S01 CH10 R
J26 - 40			J10 - 13	EQ OUT S01 CH20 T
J26 - 41			J10 - 14	EQ OUT S01 CH20 R
J26 - 42				
J26 - 43				
J26 - 44				
J26 - 45				
J26 - 46				
J26 - 47				
J26 - 48				
J26 - 49				
J26 - 50				
(S=1-10)			(S=1-4)	
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	B401 - TO A200 P2	
J27 - 01			<u>TO</u>	<u>FUNCTION</u>
J27 - 02			J01 - 03	EQ OUT S02 CH01 T
J27 - 03			J01 - 04	EQ OUT S02 CH01 R
J27 - 04			J06 - 03	EQ OUT S02 CH11 T
J27 - 05			J06 - 04	EQ OUT S02 CH11 R
J27 - 06			J01 - 15	EQ OUT S02 CH02 T
J27 - 07			J01 - 16	EQ OUT S02 CH02 R
J27 - 08			J06 - 15	EQ OUT S02 CH12 T
J27 - 09			J06 - 16	EQ OUT S02 CH12 R
J27 - 10			J02 - 03	EQ OUT S02 CH03 T
J27 - 11			J02 - 04	EQ OUT S02 CH03 R
J27 - 12			J07 - 03	EQ OUT S02 CH13 T
J27 - 13			J07 - 04	EQ OUT S02 CH13 R
J27 - 14			J02 - 15	EQ OUT S02 CH04 T
			J02 - 16	EQ OUT S02 CH04 R

Continued

Continued

(S=1-10)			(S=1-4)	
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	B401 - TO A200 P2	
J27 - 15			<u>TO</u>	<u>FUNCTION</u>
J27 - 16			J07 - 15	EQ OUT S02 CH14 T
J27 - 17			J07 - 16	EQ OUT S02 CH14 R
J27 - 18			J03 - 03	EQ OUT S02 CH05 T
J27 - 19			J03 - 04	EQ OUT S02 CH05 R
J27 - 20			J08 - 03	EQ OUT S02 CH15 T
J27 - 21			J08 - 04	EQ OUT S02 CH15 R
J27 - 22			J03 - 15	EQ OUT S02 CH06 T
J27 - 23			J03 - 16	EQ OUT S02 CH06 R
J27 - 24			J08 - 15	EQ OUT S02 CH16 T
J27 - 25			J08 - 16	EQ OUT S02 CH16 R
J27 - 26			J04 - 03	EQ OUT S02 CH07 T
J27 - 27			J04 - 04	EQ OUT S02 CH07 R
J27 - 28			J09 - 03	EQ OUT S02 CH17 T
J27 - 29			J09 - 04	EQ OUT S02 CH17 R
J27 - 30			J04 - 15	EQ OUT S02 CH08 T
J27 - 31			J04 - 16	EQ OUT S02 CH08 R
J27 - 32			J09 - 15	EQ OUT S02 CH18 T
J27 - 33			J09 - 16	EQ OUT S02 CH18 R
J27 - 34			J05 - 03	EQ OUT S02 CH09 T
J27 - 35			J05 - 04	EQ OUT S02 CH09 R
J27 - 36			J10 - 03	EQ OUT S02 CH19 T
J27 - 37			J10 - 04	EQ OUT S02 CH19 R
J27 - 38			J05 - 15	EQ OUT S02 CH10 T
J27 - 39			J05 - 16	EQ OUT S02 CH10 R
J27 - 40			J10 - 15	EQ OUT S02 CH20 T
J27 - 41			J10 - 16	EQ OUT S02 CH20 R
J27 - 42				
J27 - 43				
J27 - 44				
J27 - 45				
J27 - 46				
J27 - 47				
J27 - 48				
J27 - 49				
J27 - 50				
(S=1-10)			(S=1-4)	
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	B401 - TO A200 P3	
J28 - 01			<u>TO</u>	<u>FUNCTION</u>
J28 - 02			J01 - 05	EQ OUT S03 CH01 T
J28 - 03			J01 - 06	EQ OUT S03 CH01 R
J28 - 04			J06 - 05	EQ OUT S03 CH11 T
J28 - 05			J06 - 06	EQ OUT S03 CH11 R
J28 - 06			J01 - 17	EQ OUT S03 CH02 T
			J01 - 18	EQ OUT S03 CH02 R

Continued

Continued

(S=1-10)			(S=1-4)	
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>B401 - TO A200 P3</u> <u>FUNCTION</u>
J28 - 07	J06 - 17	EQ OUT S03 CH12 T		
J28 - 08	J06 - 18	EQ OUT S03 CH12 R		
J28 - 09	J02 - 05	EQ OUT S03 CH03 T		
J28 - 10	J02 - 06	EQ OUT S03 CH03 R		
J28 - 11	J07 - 05	EQ OUT S03 CH13 T		
J28 - 12	J07 - 06	EQ OUT S03 CH13 R		
J28 - 13	J02 - 17	EQ OUT S03 CH04 T		
J28 - 14	J02 - 18	EQ OUT S03 CH04 R		
J28 - 15	J07 - 17	EQ OUT S03 CH14 T		
J28 - 16	J07 - 18	EQ OUT S03 CH14 R		
J28 - 17	J03 - 05	EQ OUT S03 CH05 T		
J28 - 18	J03 - 06	EQ OUT S03 CH05 R		
J28 - 19	J08 - 05	EQ OUT S03 CH15 T		
J28 - 20	J08 - 06	EQ OUT S03 CH15 R		
J28 - 21	J03 - 17	EQ OUT S03 CH06 T		
J28 - 22	J03 - 18	EQ OUT S03 CH06 R		
J28 - 23	J08 - 17	EQ OUT S03 CH16 T		
J28 - 24	J08 - 18	EQ OUT S03 CH16 R		
J28 - 25	J04 - 05	EQ OUT S03 CH07 T		
J28 - 26	J04 - 06	EQ OUT S03 CH07 R		
J28 - 27	J09 - 05	EQ OUT S03 CH17 T		
J28 - 28	J09 - 06	EQ OUT S03 CH17 R		
J28 - 29	J04 - 17	EQ OUT S03 CH08 T		
J28 - 30	J04 - 18	EQ OUT S03 CH08 R		
J28 - 31	J09 - 17	EQ OUT S03 CH18 T		
J28 - 32	J09 - 18	EQ OUT S03 CH18 R		
J28 - 33	J05 - 05	EQ OUT S03 CH09 T		
J28 - 34	J05 - 06	EQ OUT S03 CH09 R		
J28 - 35	J10 - 05	EQ OUT S03 CH19 T		
J28 - 36	J10 - 06	EQ OUT S03 CH19 R		
J28 - 37	J05 - 17	EQ OUT S03 CH10 T		
J28 - 38	J05 - 18	EQ OUT S03 CH10 R		
J28 - 39	J10 - 17	EQ OUT S03 CH20 T		
J28 - 40	J10 - 18	EQ OUT S03 CH20 R		
J28 - 41				
J28 - 42				
J28 - 43				
J28 - 44				
J28 - 45				
J28 - 46				
J28 - 47				
J28 - 48				
J28 - 49				
J28 - 50				

Continued

Continued

(S=1-10)			(S=1-4)	
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>B401 - TO A200 P4</u> <u>FUNCTION</u>
J29 - 01	J01 - 07	EQ OUT S04 CH01 T		
J29 - 02	J01 - 08	EQ OUT S04 CH01 R		
J29 - 03	J06 - 07	EQ OUT S04 CH11 T		
J29 - 04	J06 - 08	EQ OUT S04 CH11 R		
J29 - 05	J01 - 19	EQ OUT S04 CH02 T		
J29 - 06	J01 - 20	EQ OUT S04 CH02 R		
J29 - 07	J06 - 19	EQ OUT S04 CH12 T		
J29 - 08	J06 - 20	EQ OUT S04 CH12 R		
J29 - 09	J02 - 07	EQ OUT S04 CH03 T		
J29 - 10	J02 - 08	EQ OUT S04 CH03 R		
J29 - 11	J07 - 07	EQ OUT S04 CH13 T		
J29 - 12	J07 - 08	EQ OUT S04 CH13 R		
J29 - 13	J02 - 19	EQ OUT S04 CH04 T		
J29 - 14	J02 - 20	EQ OUT S04 CH04 R		
J29 - 15	J07 - 19	EQ OUT S04 CH14 T		
J29 - 16	J07 - 20	EQ OUT S04 CH14 R		
J29 - 17	J03 - 07	EQ OUT S04 CH05 T		
J29 - 18	J03 - 08	EQ OUT S04 CH05 R		
J29 - 19	J08 - 07	EQ OUT S04 CH15 T		
J29 - 20	J08 - 08	EQ OUT S04 CH15 R		
J29 - 21	J03 - 19	EQ OUT S04 CH06 T		
J29 - 22	J03 - 20	EQ OUT S04 CH06 R		
J29 - 23	J08 - 19	EQ OUT S04 CH16 T		
J29 - 24	J08 - 20	EQ OUT S04 CH16 R		
J29 - 25	J04 - 07	EQ OUT S04 CH07 T		
J29 - 26	J04 - 08	EQ OUT S04 CH07 R		
J29 - 27	J09 - 07	EQ OUT S04 CH17 T		
J29 - 28	J09 - 08	EQ OUT S04 CH17 R		
J29 - 29	J04 - 19	EQ OUT S04 CH08 T		
J29 - 30	J04 - 20	EQ OUT S04 CH08 R		
J29 - 31	J09 - 19	EQ OUT S04 CH18 T		
J29 - 32	J09 - 20	EQ OUT S04 CH18 R		
J29 - 33	J05 - 07	EQ OUT S04 CH09 T		
J29 - 34	J05 - 08	EQ OUT S04 CH09 R		
J29 - 35	J10 - 07	EQ OUT S04 CH19 T		
J29 - 36	J10 - 08	EQ OUT S04 CH19 R		
J29 - 37	J05 - 19	EQ OUT S04 CH10 T		
J29 - 38	J05 - 20	EQ OUT S04 CH10 R		
J29 - 39	J10 - 19	EQ OUT S04 CH20 T		
J29 - 40	J10 - 20	EQ OUT S04 CH20 R		
J29 - 41				
J29 - 42				
J29 - 43				
J29 - 44				
J29 - 45				
J29 - 46				

Continued

Continued

(S=1-10)			(S=1-4)	
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>B401 - TO A200 P4 FUNCTION</u>
J29 - 47				
J29 - 48				
J29 - 49				
J29 - 50				
(S=1-10)			(S=1-4)	
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>B401 - TO A200 P11 FUNCTION</u>
J31 - 01				
J31 - 02				
J31 - 03				
J31 - 04				
J31 - 05				
J31 - 06				
J31 - 07				
J31 - 08				
J31 - 09				
J31 - 10				
J31 - 11				GND
J31 - 12			J34 - 05	BSEL 05
J31 - 13			J33 - 05	150D M S03 T
J31 - 14			J33 - 06	150D M S03 R
J31 - 15			J11 - 05	EQ OUT S03 CH21 T
J31 - 16			J11 - 06	EQ OUT S03 CH21 R
J31 - 17			J11 - 17	EQ OUT S03 CH22 T
J31 - 18			J11 - 18	EQ OUT S03 CH22 R
J31 - 19				GND
J31 - 20			J34 - 04	BSEL 04
J31 - 21			J12 - 03	EQ OUT S02 CH23 T
J31 - 22			J12 - 04	EQ OUT S02 CH23 R
J31 - 23			J12 - 15	EQ OUT S02 CH24 T
J31 - 24			J12 - 16	EQ OUT S02 CH24 R
J31 - 25			J13 - 03	EQ OUT S02 CH25 T
J31 - 26			J13 - 04	EQ OUT S02 CH25 R
J31 - 27				GND
J31 - 28			J34 - 01	BSEL 01
J31 - 29			J33 - 01	150D M S01 T
J31 - 30			J33 - 02	150D M S01 R
J31 - 31			J11 - 01	EQ OUT S01 CH21 T
J31 - 32			J11 - 02	EQ OUT S01 CH21 R
J31 - 33			J11 - 13	EQ OUT S01 CH22 T
J31 - 34			J11 - 14	EQ OUT S01 CH22 R
J31 - 35				GND
J31 - 36			J34 - 03	BSEL 03
J31 - 37			J33 - 03	150D M S02 T
J31 - 38			J33 - 04	150D M S02 R

Continued

Continued

(S=1-10)			(S=1-4)	
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J31 - 39			J11 - 03	EQ OUT S02 CH21 T
J31 - 40			J11 - 04	EQ OUT S02 CH21 R
J31 - 41			J11 - 15	EQ OUT S02 CH22 T
J31 - 42			J11 - 16	EQ OUT S02 CH22 R
J31 - 43				GND
J31 - 44			J34 - 02	BSEL 02
J31 - 45			J12 - 01	EQ OUT S01 CH23 T
J31 - 46			J12 - 02	EQ OUT S01 CH23 R
J31 - 47			J12 - 13	EQ OUT S01 CH24 T
J31 - 48			J12 - 14	EQ OUT S01 CH24 R
J31 - 49			J13 - 01	EQ OUT S01 CH25 T
J31 - 50			J13 - 02	EQ OUT S01 CH25 R
(S=1-10)			(S=1-4)	
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J32 - 01				
J32 - 02				
J32 - 03				
J32 - 04				
J32 - 05				
J32 - 06				
J32 - 07				
J32 - 08				
J32 - 09				
J32 - 10				
J32 - 11				
J32 - 12				
J32 - 13				
J32 - 14				
J32 - 15				
J32 - 16				
J32 - 17				
J32 - 18				
J32 - 19				
J32 - 20				
J32 - 21				
J32 - 22				
J32 - 23				
J32 - 24				
J32 - 25				
J32 - 26				
J32 - 27				
J32 - 28			J34 - 06	BSEL 06
J32 - 29			J12 - 05	EQ OUT S03 CH23 T
J32 - 30			J12 - 06	EQ OUT S03 CH23 R
J32 - 31			J12 - 17	EQ OUT S03 CH24 T

Continued

Continued

(S=1-10)			(S=1-4)	
			B401 - TO A200 P12	
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J32 - 32			J12 - 18	EQ OUT S03 CH24 R
J32 - 33			J13 - 05	EQ OUT S03 CH25 T
J32 - 34			J13 - 06	EQ OUT S03 CH25 R
J32 - 35				GND
J32 - 36			J34 - 08	BSEL 08
J32 - 37			J12 - 07	EQ OUT S04 CH23 T
J32 - 38			J12 - 08	EQ OUT S04 CH23 R
J32 - 39			J12 - 19	EQ OUT S04 CH24 T
J32 - 40			J12 - 20	EQ OUT S04 CH24 R
J32 - 41			J13 - 07	EQ OUT S04 CH25 T
J32 - 42			J13 - 08	EQ OUT S04 CH25 R
J32 - 43				GND
J32 - 44			J34 - 07	BSEL 07
J32 - 45			J33 - 07	150D M S04 T
J32 - 46			J33 - 08	150D M S04 R
J32 - 47			J11 - 07	EQ OUT S04 CH21 T
J32 - 48			J11 - 08	EQ OUT S04 CH21 R
J32 - 49			J11 - 19	EQ OUT S04 CH22 T
J32 - 50			J11 - 20	EQ OUT S04 CH22 R

(S=1-10)			(S=1-4)	
B401 - TO B400 J83			B401 - TO B400 J83	
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J33 - 01	J41 - 29	150D M S01 T	J31 - 29	150D M S01 T
J33 - 02	J41 - 30	150D M S01 R	J31 - 30	150D M S01 R
J33 - 03	J41 - 37	150D M S02 T	J31 - 37	150D M S02 T
J33 - 04	J41 - 38	150D M S02 R	J31 - 38	150D M S02 R
J33 - 05	J41 - 13	150D M S03 T	J31 - 13	150D M S03 T
J33 - 06	J41 - 14	150D M S03 R	J31 - 14	150D M S03 R
J33 - 07	J42 - 45	150D M S04 T	J32 - 45	150D M S04 T
J33 - 08	J42 - 46	150D M S04 R	J32 - 46	150D M S04 R
J33 - 09	J42 - 21	150D M S05 T		
J33 - 10	J42 - 22	150D M S05 R		
J33 - 11	J48 - 29	150D M S06 T		
J33 - 12	J48 - 30	150D M S06 R		
J33 - 13	J48 - 37	150D M S07 T		
J33 - 14	J48 - 38	150D M S07 R		
J33 - 15	J48 - 13	150D M S08 T		
J33 - 16	J48 - 14	150D M S08 R		
J33 - 17	J49 - 45	150D M S09 T		
J33 - 18	J49 - 46	150D M S09 R		
J33 - 19	J49 - 21	150D M S10 T		
J33 - 20	J49 - 22	150D M S10 R		
J33 - 21				
J33 - 22				
J33 - 23				
J33 - 24				

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO B400 J84			B401 - TO B400 J84	
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J34 - 01	J41 - 28	BSEL 01	J31 - 28	BSEL 01
J34 - 02	J41 - 44	BSEL 02	J31 - 44	BSEL 02
J34 - 03	J41 - 36	BSEL 03	J31 - 36	BSEL 03
J34 - 04	J41 - 20	BSEL 04	J31 - 20	BSEL 04
J34 - 05	J41 - 12	BSEL 05	J31 - 12	BSEL 05
J34 - 06	J42 - 28	BSEL 06	J32 - 28	BSEL 06
J34 - 07	J42 - 44	BSEL 07	J32 - 44	BSEL 07
J34 - 08	J42 - 36	BSEL 08	J32 - 36	BSEL 08
J34 - 09	J42 - 20	BSEL 09		
J34 - 10	J42 - 12	BSEL 10		
J34 - 11	J48 - 28	BSEL 01A		
J34 - 12	J48 - 44	BSEL 02A		
J34 - 13	J48 - 36	BSEL 03A		
J34 - 14	J48 - 20	BSEL 04A		
J34 - 15	J48 - 12	BSEL 05A		
J34 - 16	J49 - 28	BSEL 06A		
J34 - 17	J49 - 44	BSEL 07A		
J34 - 18	J49 - 36	BSEL 08A		
J34 - 19	J49 - 20	BSEL 09A		
J34 - 20	J49 - 12	BSEL 10A		
J34 - 21		GND	GND	
J34 - 22		GND	GND	
J34 - 23		GND	GND	
J34 - 24		GND	GND	

(S=1-10)			(S=1-4)	
B401 - TO A200 P1				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J36 - 01	J01 - 01	EQ OUT S01 CH01 T		
J36 - 02	J01 - 02	EQ OUT S01 CH01 R		
J36 - 03	J11 - 01	EQ OUT S01 CH11 T		
J36 - 04	J11 - 02	EQ OUT S01 CH11 R		
J36 - 05	J02 - 01	EQ OUT S01 CH02 T		
J36 - 06	J02 - 02	EQ OUT S01 CH02 R		
J36 - 07	J12 - 01	EQ OUT S01 CH12 T		
J36 - 08	J12 - 02	EQ OUT S01 CH12 R		
J36 - 09	J03 - 01	EQ OUT S01 CH03 T		
J36 - 10	J03 - 02	EQ OUT S01 CH03 R		
J36 - 11	J13 - 01	EQ OUT S01 CH13 T		
J36 - 12	J13 - 02	EQ OUT S01 CH13 R		
J36 - 13	J04 - 01	EQ OUT S01 CH04 T		
J36 - 14	J04 - 02	EQ OUT S01 CH04 R		
J36 - 15	J14 - 01	EQ OUT S01 CH14 T		
J36 - 16	J14 - 02	EQ OUT S01 CH14 R		
J36 - 17	J05 - 01	EQ OUT S01 CH05 T		
J36 - 18	J05 - 02	EQ OUT S01 CH05 R		
J36 - 19	J15 - 01	EQ OUT S01 CH15 T		

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A200 P1				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J36 - 20	J15 - 02	EQ OUT S01 CH15 R		
J36 - 21	J06 - 01	EQ OUT S01 CH06 T		
J36 - 22	J06 - 02	EQ OUT S01 CH06 R		
J36 - 23	J16 - 01	EQ OUT S01 CH16 T		
J36 - 24	J16 - 02	EQ OUT S01 CH16 R		
J36 - 25	J07 - 01	EQ OUT S01 CH07 T		
J36 - 26	J07 - 02	EQ OUT S01 CH07 R		
J36 - 27	J17 - 01	EQ OUT S01 CH17 T		
J36 - 28	J17 - 02	EQ OUT S01 CH17 R		
J36 - 29	J08 - 01	EQ OUT S01 CH08 T		
J36 - 30	J08 - 02	EQ OUT S01 CH08 R		
J36 - 31	J18 - 01	EQ OUT S01 CH18 T		
J36 - 32	J18 - 02	EQ OUT S01 CH18 R		
J36 - 33	J09 - 01	EQ OUT S01 CH09 T		
J36 - 34	J09 - 02	EQ OUT S01 CH09 R		
J36 - 35	J19 - 01	EQ OUT S01 CH19 T		
J36 - 36	J19 - 02	EQ OUT S01 CH19 R		
J36 - 37	J10 - 01	EQ OUT S01 CH10 T		
J36 - 38	J10 - 02	EQ OUT S01 CH10 R		
J36 - 39	J20 - 01	EQ OUT S01 CH20 T		
J36 - 40	J20 - 02	EQ OUT S01 CH20 R		
J36 - 41				
J36 - 42				
J36 - 43				
J36 - 44				
J36 - 45				
J36 - 46				
J36 - 47				
J36 - 48				
J36 - 49				
J36 - 50				
(S=1-10)			(S=1-4)	
B401 - TO A200 P2				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J37 - 01	J01 - 03	EQ OUT S02 CH01 T		
J37 - 02	J01 - 04	EQ OUT S02 CH01 R		
J37 - 03	J11 - 03	EQ OUT S02 CH11 T		
J37 - 04	J11 - 04	EQ OUT S02 CH11 R		
J37 - 05	J02 - 03	EQ OUT S02 CH02 T		
J37 - 06	J02 - 04	EQ OUT S02 CH02 R		
J37 - 07	J12 - 03	EQ OUT S02 CH12 T		
J37 - 08	J12 - 04	EQ OUT S02 CH12 R		
J37 - 09	J03 - 03	EQ OUT S02 CH03 T		
J37 - 10	J03 - 04	EQ OUT S02 CH03 R		
J37 - 11	J13 - 03	EQ OUT S02 CH13 T		
J37 - 12	J13 - 04	EQ OUT S02 CH13 R		

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A200 P2				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J37 - 13	J04 - 03	EQ OUT S02 CH04 T		
J37 - 14	J04 - 04	EQ OUT S02 CH04 R		
J37 - 15	J14 - 03	EQ OUT S02 CH14 T		
J37 - 16	J14 - 04	EQ OUT S02 CH14 R		
J37 - 17	J05 - 03	EQ OUT S02 CH05 T		
J37 - 18	J05 - 04	EQ OUT S02 CH05 R		
J37 - 19	J15 - 03	EQ OUT S02 CH15 T		
J37 - 20	J15 - 04	EQ OUT S02 CH15 R		
J37 - 21	J06 - 03	EQ OUT S02 CH06 T		
J37 - 22	J06 - 04	EQ OUT S02 CH06 R		
J37 - 23	J16 - 03	EQ OUT S02 CH16 T		
J37 - 24	J16 - 04	EQ OUT S02 CH16 R		
J37 - 25	J07 - 03	EQ OUT S02 CH07 T		
J37 - 26	J07 - 04	EQ OUT S02 CH07 R		
J37 - 27	J17 - 03	EQ OUT S02 CH17 T		
J37 - 28	J17 - 04	EQ OUT S02 CH17 R		
J37 - 29	J08 - 03	EQ OUT S02 CH08 T		
J37 - 30	J08 - 04	EQ OUT S02 CH08 R		
J37 - 31	J18 - 03	EQ OUT S02 CH18 T		
J37 - 32	J18 - 04	EQ OUT S02 CH18 R		
J37 - 33	J09 - 03	EQ OUT S02 CH09 T		
J37 - 34	J09 - 04	EQ OUT S02 CH09 R		
J37 - 35	J19 - 03	EQ OUT S02 CH19 T		
J37 - 36	J19 - 04	EQ OUT S02 CH19 R		
J37 - 37	J10 - 03	EQ OUT S02 CH10 T		
J37 - 38	J10 - 04	EQ OUT S02 CH10 R		
J37 - 39	J20 - 03	EQ OUT S02 CH20 T		
J37 - 40	J20 - 04	EQ OUT S02 CH20 R		
J37 - 41				
J37 - 42				
J37 - 43				
J37 - 44				
J37 - 45				
J37 - 46				
J37 - 47				
J37 - 48				
J37 - 49				
J37 - 50				

(S=1-10)			(S=1-4)	
B401 - TO A200 P3				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J38 - 01	J01 - 05	EQ OUT S03 CH01 T		
J38 - 02	J01 - 06	EQ OUT S03 CH01 R		
J38 - 03	J11 - 05	EQ OUT S03 CH11 T		
J38 - 04	J11 - 06	EQ OUT S03 CH11 R		

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A200 P3				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J38 - 05	J02 - 05	EQ OUT S03 CH02 T		
J38 - 06	J02 - 06	EQ OUT S03 CH02 R		
J38 - 07	J12 - 05	EQ OUT S03 CH12 T		
J38 - 08	J12 - 06	EQ OUT S03 CH12 R		
J38 - 09	J03 - 05	EQ OUT S03 CH03 T		
J38 - 10	J03 - 06	EQ OUT S03 CH03 R		
J38 - 11	J13 - 05	EQ OUT S03 CH13 T		
J38 - 12	J13 - 06	EQ OUT S03 CH13 R		
J38 - 13	J04 - 05	EQ OUT S03 CH04 T		
J38 - 14	J04 - 06	EQ OUT S03 CH04 R		
J38 - 15	J14 - 05	EQ OUT S03 CH14 T		
J38 - 16	J14 - 06	EQ OUT S03 CH14 R		
J38 - 17	J05 - 05	EQ OUT S03 CH05 T		
J38 - 18	J05 - 06	EQ OUT S03 CH05 R		
J38 - 19	J15 - 05	EQ OUT S03 CH15 T		
J38 - 20	J15 - 06	EQ OUT S03 CH15 R		
J38 - 21	J06 - 05	EQ OUT S03 CH06 T		
J38 - 22	J06 - 06	EQ OUT S03 CH06 R		
J38 - 23	J16 - 05	EQ OUT S03 CH16 T		
J38 - 24	J16 - 06	EQ OUT S03 CH16 R		
J38 - 25	J07 - 05	EQ OUT S03 CH07 T		
J38 - 26	J07 - 06	EQ OUT S03 CH07 R		
J38 - 27	J17 - 05	EQ OUT S03 CH17 T		
J38 - 28	J17 - 06	EQ OUT S03 CH17 R		
J38 - 29	J08 - 05	EQ OUT S03 CH08 T		
J38 - 30	J08 - 06	EQ OUT S03 CH08 R		
J38 - 31	J18 - 05	EQ OUT S03 CH18 T		
J38 - 32	J18 - 06	EQ OUT S03 CH18 R		
J38 - 33	J09 - 05	EQ OUT S03 CH09 T		
J38 - 34	J09 - 06	EQ OUT S03 CH09 R		
J38 - 35	J19 - 05	EQ OUT S03 CH19 T		
J38 - 36	J19 - 06	EQ OUT S03 CH19 R		
J38 - 37	J10 - 05	EQ OUT S03 CH10 T		
J38 - 38	J10 - 06	EQ OUT S03 CH10 R		
J38 - 39	J20 - 05	EQ OUT S03 CH20 T		
J38 - 40	J20 - 06	EQ OUT S03 CH20 R		
J38 - 41				
J38 - 42				
J38 - 43				
J38 - 44				
J38 - 45				
J38 - 46				
J38 - 47				
J38 - 48				
J38 - 49				
J38 - 50				

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A200 P4				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J39 - 01	J01 - 07	EQ OUT S04 CH01 T		
J39 - 02	J01 - 08	EQ OUT S04 CH01 R		
J39 - 03	J11 - 07	EQ OUT S04 CH11 T		
J39 - 04	J11 - 08	EQ OUT S04 CH11 R		
J39 - 05	J02 - 07	EQ OUT S04 CH02 T		
J39 - 06	J02 - 08	EQ OUT S04 CH02 R		
J39 - 07	J12 - 07	EQ OUT S04 CH12 T		
J39 - 08	J12 - 08	EQ OUT S04 CH12 R		
J39 - 09	J03 - 07	EQ OUT S04 CH03 T		
J39 - 10	J03 - 08	EQ OUT S04 CH03 R		
J39 - 11	J13 - 07	EQ OUT S04 CH13 T		
J39 - 12	J13 - 08	EQ OUT S04 CH13 R		
J39 - 13	J04 - 07	EQ OUT S04 CH04 T		
J39 - 14	J04 - 08	EQ OUT S04 CH04 R		
J39 - 15	J14 - 07	EQ OUT S04 CH14 T		
J39 - 16	J14 - 08	EQ OUT S04 CH14 R		
J39 - 17	J05 - 07	EQ OUT S04 CH05 T		
J39 - 18	J05 - 08	EQ OUT S04 CH05 R		
J39 - 19	J15 - 07	EQ OUT S04 CH15 T		
J39 - 20	J15 - 08	EQ OUT S04 CH15 R		
J39 - 21	J06 - 07	EQ OUT S04 CH06 T		
J39 - 22	J06 - 08	EQ OUT S04 CH06 R		
J39 - 23	J16 - 07	EQ OUT S04 CH16 T		
J39 - 24	J16 - 08	EQ OUT S04 CH16 R		
J39 - 25	J07 - 07	EQ OUT S04 CH07 T		
J39 - 26	J07 - 08	EQ OUT S04 CH07 R		
J39 - 27	J17 - 07	EQ OUT S04 CH17 T		
J39 - 28	J17 - 08	EQ OUT S04 CH17 R		
J39 - 29	J08 - 07	EQ OUT S04 CH08 T		
J39 - 30	J08 - 08	EQ OUT S04 CH08 R		
J39 - 31	J18 - 07	EQ OUT S04 CH18 T		
J39 - 32	J18 - 08	EQ OUT S04 CH18 R		
J39 - 33	J09 - 07	EQ OUT S04 CH09 T		
J39 - 34	J09 - 08	EQ OUT S04 CH09 R		
J39 - 35	J19 - 07	EQ OUT S04 CH19 T		
J39 - 36	J19 - 08	EQ OUT S04 CH19 R		
J39 - 37	J10 - 07	EQ OUT S04 CH10 T		
J39 - 38	J10 - 08	EQ OUT S04 CH10 R		
J39 - 39	J20 - 07	EQ OUT S04 CH20 T		
J39 - 40	J20 - 08	EQ OUT S04 CH20 R		
J39 - 41				
J39 - 42				
J39 - 43				
J39 - 44				
J39 - 45				
J39 - 46				

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A200 P4				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J39 - 47				
J39 - 48				
J39 - 49				
J39 - 50				
(S=1-10)			(S=1-4)	
B401 - TO A200 P5				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J40 - 01	J01 - 09	EQ OUT S05 CH01 T		
J40 - 02	J01 - 10	EQ OUT S05 CH01 R		
J40 - 03	J11 - 09	EQ OUT S05 CH11 T		
J40 - 04	J11 - 10	EQ OUT S05 CH11 R		
J40 - 05	J02 - 09	EQ OUT S05 CH02 T		
J40 - 06	J02 - 10	EQ OUT S05 CH02 R		
J40 - 07	J12 - 09	EQ OUT S05 CH12 T		
J40 - 08	J12 - 10	EQ OUT S05 CH12 R		
J40 - 09	J03 - 09	EQ OUT S05 CH03 T		
J40 - 10	J03 - 10	EQ OUT S05 CH03 R		
J40 - 11	J13 - 09	EQ OUT S05 CH13 T		
J40 - 12	J13 - 10	EQ OUT S05 CH13 R		
J40 - 13	J04 - 09	EQ OUT S05 CH04 T		
J40 - 14	J04 - 10	EQ OUT S05 CH04 R		
J40 - 15	J14 - 09	EQ OUT S05 CH14 T		
J40 - 16	J14 - 10	EQ OUT S05 CH14 R		
J40 - 17	J05 - 09	EQ OUT S05 CH05 T		
J40 - 18	J05 - 10	EQ OUT S05 CH05 R		
J40 - 19	J15 - 09	EQ OUT S05 CH15 T		
J40 - 20	J15 - 10	EQ OUT S05 CH15 R		
J40 - 21	J06 - 09	EQ OUT S05 CH06 T		
J40 - 22	J06 - 10	EQ OUT S05 CH06 R		
J40 - 23	J16 - 09	EQ OUT S05 CH16 T		
J40 - 24	J16 - 10	EQ OUT S05 CH16 R		
J40 - 25	J07 - 09	EQ OUT S05 CH07 T		
J40 - 26	J07 - 10	EQ OUT S05 CH07 R		
J40 - 27	J17 - 09	EQ OUT S05 CH17 T		
J40 - 28	J17 - 10	EQ OUT S05 CH17 R		
J40 - 29	J08 - 09	EQ OUT S05 CH08 T		
J40 - 30	J08 - 10	EQ OUT S05 CH08 R		
J40 - 31	J18 - 09	EQ OUT S05 CH18 T		
J40 - 32	J18 - 10	EQ OUT S05 CH18 R		
J40 - 33	J09 - 09	EQ OUT S05 CH09 T		
J40 - 34	J09 - 10	EQ OUT S05 CH09 R		
J40 - 35	J19 - 09	EQ OUT S05 CH19 T		
J40 - 36	J19 - 10	EQ OUT S05 CH19 R		
J40 - 37	J10 - 09	EQ OUT S05 CH10 T		
J40 - 38	J10 - 10	EQ OUT S05 CH10 R		
J40 - 39	J20 - 09	EQ OUT S05 CH20 T		

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A200 P5				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J40 - 40	J20 - 10	EQ OUT S05 CH20 R	J40 - 41	
J40 - 42				
J40 - 43				
J40 - 44				
J40 - 45				
J40 - 46				
J40 - 47				
J40 - 48				
J40 - 49				
J40 - 50				
(S=1-10) (S=1-4)				
B401 - TO A200 P11				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J41 - 01				
J41 - 02				
J41 - 03				
J41 - 04				
J41 - 05				
J41 - 06				
J41 - 07				
J41 - 08				
J41 - 09				
J41 - 10				
J41 - 11		GND		
J41 - 12	J34 - 05	BSEL 05		
J41 - 13	J33 - 05	150D M S03 T		
J41 - 14	J33 - 06	150D M S03 R		
J41 - 15	J21 - 05	EQ OUT S03 CH21 T		
J41 - 16	J21 - 06	EQ OUT S03 CH21 R		
J41 - 17	J22 - 05	EQ OUT S03 CH22 T		
J41 - 18	J22 - 06	EQ OUT S03 CH22 R		
J41 - 19		GND		
J41 - 20	J34 - 04	BSEL 04		
J41 - 21	J23 - 03	EQ OUT S02 CH23 T		
J41 - 22	J23 - 04	EQ OUT S02 CH23 R		
J41 - 23	J24 - 03	EQ OUT S02 CH24 T		
J41 - 24	J24 - 04	EQ OUT S02 CH24 R		
J41 - 25	J25 - 03	EQ OUT S02 CH25 T		
J41 - 26	J25 - 04	EQ OUT S02 CH25 R		
J41 - 27		GND		
J41 - 28	J34 - 01	BSEL 01		
J41 - 29	J33 - 01	150D M S01 T		
J41 - 30	J33 - 02	150D M S01 R		
J41 - 31	J21 - 01	EQ OUT S01 CH21 T		
J41 - 32	J21 - 02	EQ OUT S01 CH21 R		
J41 - 33	J22 - 01	EQ OUT S01 CH22 T		

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A200 P11				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J41 - 34	J22 - 02	EQ OUT S01 CH22 R		
J41 - 35		GND		
J41 - 36	J34 - 03	BSEL 03		
J41 - 37	J33 - 03	150D M S02 T		
J41 - 38	J33 - 04	150D M S02 R		
J41 - 39	J21 - 03	EQ OUT S02 CH21 T		
J41 - 40	J21 - 04	EQ OUT S02 CH21 R		
J41 - 41	J22 - 03	EQ OUT S02 CH22 T		
J41 - 42	J22 - 04	EQ OUT S02 CH22 R		
J41 - 43		GND		
J41 - 44	J34 - 02	BSEL 02		
J41 - 45	J23 - 01	EQ OUT S01 CH23 T		
J41 - 46	J23 - 02	EQ OUT S01 CH23 R		
J41 - 47	J24 - 01	EQ OUT S01 CH24 T		
J41 - 48	J24 - 02	EQ OUT S01 CH24 R		
J41 - 49	J25 - 01	EQ OUT S01 CH25 T		
J41 - 50	J25 - 02	EQ OUT S01 CH25 R		
(S=1-10)			(S=1-4)	
B401 - TO A200 P12				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J42 - 01				
J42 - 02				
J42 - 03				
J42 - 04				
J42 - 05				
J42 - 06				
J42 - 07				
J42 - 08				
J42 - 09				
J42 - 10				
J42 - 11		GND		
J42 - 12	J34 - 10	BSEL 10		
J42 - 13	J23 - 09	EQ OUT S05 CH23 T		
J42 - 14	J23 - 10	EQ OUT S05 CH23 R		
J42 - 15	J24 - 09	EQ OUT S05 CH24 T		
J42 - 16	J24 - 10	EQ OUT S05 CH24 R		
J42 - 17	J25 - 09	EQ OUT S05 CH25 T		
J42 - 18	J25 - 10	EQ OUT S05 CH25 R		
J42 - 19		GND		
J42 - 20	J34 - 09	BSEL 09		
J42 - 21	J33 - 09	150D M S05 T		
J42 - 22	J33 - 10	150D M S05 R		
J42 - 23	J21 - 09	EQ OUT S05 CH21 T		
J42 - 24	J21 - 10	EQ OUT S05 CH21 R		
J42 - 25	J22 - 09	EQ OUT S05 CH22 T		
J42 - 26	J22 - 10	EQ OUT S05 CH22 R		

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A200 P12				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J42 - 27		GND		
J42 - 28	J34 - 06	BSEL 06		
J42 - 29	J23 - 05	EQ OUT S03 CH23 T		
J42 - 30 J	23 - 06	EQ OUT S03 CH23 R		
J42 - 31	J24 - 05	EQ OUT S03 CH24 T		
J42 - 32	J24 - 06	EQ OUT S03 CH24 R		
J42 - 33 J	25 - 05	EQ OUT S03 CH25 T		
J42 - 34	J25 - 06	EQ OUT S03 CH25 R		
J42 - 35		GND		
J42 - 36	J34 - 08	BSEL 08		
J42 - 37	J23 - 07	EQ OUT S04 CH23 T		
J42 - 38	J23 - 08	EQ OUT S04 CH23 R		
J42 - 39	J24 - 07	EQ OUT S04 CH24 T		
J42 - 40	J24 - 08	EQ OUT S04 CH24 R		
J42 - 41	J25 - 07	EQ OUT S04 CH25 T		
J42 - 42	J25 - 08	EQ OUT S04 CH25 R		
J42 - 43		GND		
J42 - 44	J34 - 07	BSEL 07		
J42 - 45	J33 - 07	150D M S04 T		
J42 - 46	J33 - 08	150D M S04 R		
J42 - 47	J21 - 07	EQ OUT S04 CH21 T		
J42 - 48	J21 - 08	EQ OUT S04 CH21 R		
J42 - 49	J22 - 07	EQ OUT S04 CH22 T		
J42 - 50	J22 - 08	EQ OUT S04 CH22 R		
(S=1-10)			(S=1-4)	
B401 - TO A201 P1				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J43 - 01	J01 - 11	EQ OUT S06 CH01 T		
J43 - 02	J01 - 12	EQ OUT S06 CH01 R		
J43 - 03	J11 - 11	EQ OUT S06 CH11 T		
J43 - 04	J11 - 12	EQ OUT S06 CH11 R		
J43 - 05	J02 - 11	EQ OUT S06 CH02 T		
J43 - 06	J02 - 12	EQ OUT S06 CH02 R		
J43 - 07	J12 - 11	EQ OUT S06 CH12 T		
J43 - 08	J12 - 12	EQ OUT S06 CH12 R		
J43 - 09	J03 - 11	EQ OUT S06 CH03 T		
J43 - 10	J03 - 12	EQ OUT S06 CH03 R		
J43 - 11	J13 - 11	EQ OUT S06 CH13 T		
J43 - 12	J13 - 12	EQ OUT S06 CH13 R		
J43 - 13	J04 - 11	EQ OUT S06 CH04 T		
J43 - 14	J04 - 12	EQ OUT S06 CH04 R		
J43 - 15	J14 - 11	EQ OUT S06 CH14 T		
J43 - 16	J14 - 12	EQ OUT S06 CH14 R		
J43 - 17	J05 - 11	EQ OUT S06 CH05 T		
J43 - 18	J05 - 12	EQ OUT S06 CH05 R		

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A201 P1				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J43 - 19	J15 - 11	EQ OUT S06 CH15 T		
J43 - 20	J15 - 12	EQ OUT S06 CH15 R		
J43 - 21	J06 - 11	EQ OUT S06 CH06 T		
J43 - 22	J06 - 12	EQ OUT S06 CH06 R		
J43 - 23	J16 - 11	EQ OUT S06 CH16 T		
J43 - 24	J16 - 12	EQ OUT S06 CH16 R		
J43 - 25	J07 - 11	EQ OUT S06 CH07 T		
J43 - 26	J07 - 12	EQ OUT S06 CH07 R		
J43 - 27	J17 - 11	EQ OUT S06 CH17 T		
J43 - 28	J17 - 12	EQ OUT S06 CH17 R		
J43 - 29	J08 - 11	EQ OUT S06 CH08 T		
J43 - 30	J08 - 12	EQ OUT S06 CH08 R		
J43 - 31	J18 - 11	EQ OUT S06 CH18 T		
J43 - 32	J18 - 12	EQ OUT S06 CH18 R		
J43 - 33	J09 - 11	EQ OUT S06 CH09 T		
J43 - 34	J09 - 12	EQ OUT S06 CH09 R		
J43 - 35	J19 - 11	EQ OUT S06 CH19 T		
J43 - 36	J19 - 12	EQ OUT S06 CH19 R		
J43 - 37	J10 - 11	EQ OUT S06 CH10 T		
J43 - 38	J10 - 12	EQ OUT S06 CH10 R		
J43 - 39	J20 - 11	EQ OUT S06 CH20 T		
J43 - 40	J20 - 12	EQ OUT S06 CH20 R		
J43 - 41				
J43 - 42				
J43 - 43				
J43 - 44				
J43 - 45				
J43 - 46				
J43 - 47				
J43 - 48				
J43 - 49				
J43 - 50				
(S=1-10)			(S=1-4)	
B401 - TO A201 P2				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J44 - 01	J01 - 13	EQ OUT S07 CH01 T		
J44 - 02	J01 - 14	EQ OUT S07 CH01 R		
J44 - 03	J11 - 13	EQ OUT S07 CH11 T		
J44 - 04	J11 - 14	EQ OUT S07 CH11 R		
J44 - 05	J02 - 13	EQ OUT S07 CH02 T		
J44 - 06	J02 - 14	EQ OUT S07 CH02 R		
J44 - 07	J12 - 13	EQ OUT S07 CH12 T		
J44 - 08	J12 - 14	EQ OUT S07 CH12 R		
J44 - 09	J03 - 13	EQ OUT S07 CH03 T		

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A201 P2				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J44 - 10	J03 - 14	EQ OUT S07 CH03 R		
J44 - 11	J13 - 13	EQ OUT S07 CH13 T		
J44 - 12	J13 - 14	EQ OUT S07 CH13 R		
J44 - 13	J04 - 13	EQ OUT S07 CH04 T		
J44 - 14	J04 - 14	EQ OUT S07 CH04 R		
J44 - 15	J14 - 13	EQ OUT S07 CH14 T		
J44 - 16	J14 - 14	EQ OUT S07 CH14 R		
J44 - 17	J05 - 13	EQ OUT S07 CH05 T		
J44 - 18	J05 - 14	EQ OUT S07 CH05 R		
J44 - 19	J15 - 13	EQ OUT S07 CH15 T		
J44 - 20	J15 - 14	EQ OUT S07 CH15 R		
J44 - 21	J06 - 13	EQ OUT S07 CH06 T		
J44 - 22	J06 - 14	EQ OUT S07 CH06 R		
J44 - 23	J16 - 13	EQ OUT S07 CH16 T		
J44 - 24	J16 - 14	EQ OUT S07 CH16 R		
J44 - 25	J07 - 13	EQ OUT S07 CH07 T		
J44 - 26	J07 - 14	EQ OUT S07 CH07 R		
J44 - 27	J17 - 13	EQ OUT S07 CH17 T		
J44 - 28	J17 - 14	EQ OUT S07 CH17 R		
J44 - 29	J08 - 13	EQ OUT S07 CH08 T		
J44 - 30	J08 - 14	EQ OUT S07 CH08 R		
J44 - 31	J18 - 13	EQ OUT S07 CH18 T		
J44 - 32	J18 - 14	EQ OUT S07 CH18 R		
J44 - 33	J09 - 13	EQ OUT S07 CH09 T		
J44 - 34	J09 - 14	EQ OUT S07 CH09 R		
J44 - 35	J19 - 13	EQ OUT S07 CH19 T		
J44 - 36	J19 - 14	EQ OUT S07 CH19 R		
J44 - 37	J10 - 13	EQ OUT S07 CH10 T		
J44 - 38	J10 - 14	EQ OUT S07 CH10 R		
J44 - 39	J20 - 13	EQ OUT S07 CH20 T		
J44 - 40	J20 - 14	EQ OUT S07 CH20 R		
J44 - 41				
J44 - 42				
J44 - 43				
J44 - 44				
J44 - 45				
J44 - 46				
J44 - 47				
J44 - 48				
J44 - 49				
J44 - 50				

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A201 P3				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J45 - 01	J01 - 15	EQ OUT S08 CH01 T		
J45 - 02	J01 - 16	EQ OUT S08 CH01 R		
J45 - 03	J11 - 15	EQ OUT S08 CH11 T		
J45 - 04	J11 - 16	EQ OUT S08 CH11 R		
J45 - 05	J02 - 15	EQ OUT S08 CH02 T		
J45 - 06	J02 - 16	EQ OUT S08 CH02 R		
J45 - 07	J12 - 15	EQ OUT S08 CH12 T		
J45 - 08	J12 - 16	EQ OUT S08 CH12 R		
J45 - 09	J03 - 15	EQ OUT S08 CH03 T		
J45 - 10	J03 - 16	EQ OUT S08 CH03 R		
J45 - 11	J13 - 15	EQ OUT S08 CH13 T		
J45 - 12	J13 - 16	EQ OUT S08 CH13 R		
J45 - 13	J04 - 15	EQ OUT S08 CH04 T		
J45 - 14	J04 - 16	EQ OUT S08 CH04 R		
J45 - 15	J14 - 15	EQ OUT S08 CH14 T		
J45 - 16	J14 - 16	EQ OUT S08 CH14 R		
J45 - 17	J05 - 15	EQ OUT S08 CH05 T		
J45 - 18	J05 - 16	EQ OUT S08 CH05 R		
J45 - 19	J15 - 15	EQ OUT S08 CH15 T		
J45 - 20	J15 - 16	EQ OUT S08 CH15 R		
J45 - 21	J06 - 15	EQ OUT S08 CH06 T		
J45 - 22	J06 - 16	EQ OUT S08 CH06 R		
J45 - 23	J16 - 15	EQ OUT S08 CH16 T		
J45 - 24	J16 - 16	EQ OUT S08 CH16 R		
J45 - 25	J07 - 15	EQ OUT S08 CH07 T		
J45 - 26	J07 - 16	EQ OUT S08 CH07 R		
J45 - 27	J17 - 15	EQ OUT S08 CH17 T		
J45 - 28	J17 - 16	EQ OUT S08 CH17 R		
J45 - 29	J08 - 15	EQ OUT S08 CH08 T		
J45 - 30	J08 - 16	EQ OUT S08 CH08 R		
J45 - 31	J18 - 15	EQ OUT S08 CH18 T		
J45 - 32	J18 - 16	EQ OUT S08 CH18 R		
J45 - 33	J09 - 15	EQ OUT S08 CH09 T		
J45 - 34	J09 - 16	EQ OUT S08 CH09 R		
J45 - 35	J19 - 15	EQ OUT S08 CH19 T		
J45 - 36	J19 - 16	EQ OUT S08 CH19 R		
J45 - 37	J10 - 15	EQ OUT S08 CH10 T		
J45 - 38	J10 - 16	EQ OUT S08 CH10 R		
J45 - 39	J20 - 15	EQ OUT S08 CH20 T		
J45 - 40	J20 - 16	EQ OUT S08 CH20 R		
J45 - 41				
J45 - 42				
J45 - 43				
J45 - 44				
J45 - 45				
J45 - 46				

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A201 P3				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J45 - 47				
J45 - 48				
J45 - 49				
J45 - 50				
(S=1-10)			(S=1-4)	
B401 - TO A201 P4				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J46 - 01	J01 - 17	EQ OUT S09 CH01 T		
J46 - 02	J01 - 18	EQ OUT S09 CH01 R		
J46 - 03	J11 - 17	EQ OUT S09 CH11 T		
J46 - 04	J11 - 18	EQ OUT S09 CH11 R		
J46 - 05	J02 - 17	EQ OUT S09 CH02 T		
J46 - 06	J02 - 18	EQ OUT S09 CH02 R		
J46 - 07	J12 - 17	EQ OUT S09 CH12 T		
J46 - 08	J12 - 18	EQ OUT S09 CH12 R		
J46 - 09	J03 - 17	EQ OUT S09 CH03 T		
J46 - 10	J03 - 18	EQ OUT S09 CH03 R		
J46 - 11	J13 - 17	EQ OUT S09 CH13 T		
J46 - 12	J13 - 18	EQ OUT S09 CH13 R		
J46 - 13	J04 - 17	EQ OUT S09 CH04 T		
J46 - 14	J04 - 18	EQ OUT S09 CH04 R		
J46 - 15	J14 - 17	EQ OUT S09 CH14 T		
J46 - 16	J14 - 18	EQ OUT S09 CH14 R		
J46 - 17	J05 - 17	EQ OUT S09 CH05 T		
J46 - 18	J05 - 18	EQ OUT S09 CH05 R		
J46 - 19	J15 - 17	EQ OUT S09 CH15 T		
J46 - 20	J15 - 18	EQ OUT S09 CH15 R		
J46 - 21	J06 - 17	EQ OUT S09 CH06 T		
J46 - 22	J06 - 18	EQ OUT S09 CH06 R		
J46 - 23	J16 - 17	EQ OUT S09 CH16 T		
J46 - 24	J16 - 18	EQ OUT S09 CH16 R		
J46 - 25	J07 - 17	EQ OUT S09 CH07 T		
J46 - 26	J07 - 18	EQ OUT S09 CH07 R		
J46 - 27	J17 - 17	EQ OUT S09 CH17 T		
J46 - 28	J17 - 18	EQ OUT S09 CH17 R		
J46 - 29	J08 - 17	EQ OUT S09 CH08 T		
J46 - 30	J08 - 18	EQ OUT S09 CH08 R		
J46 - 31	J18 - 17	EQ OUT S09 CH18 T		
J46 - 32	J18 - 18	EQ OUT S09 CH18 R		
J46 - 33	J09 - 17	EQ OUT S09 CH09 T		
J46 - 34	J09 - 18	EQ OUT S09 CH09 R		
J46 - 35	J19 - 17	EQ OUT S09 CH19 T		
J46 - 36	J19 - 18	EQ OUT S09 CH19 R		
J46 - 37	J10 - 17	EQ OUT S09 CH10 T		

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A201 P4				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J46 - 38	J10 - 18	EQ OUT S09 CH10 R		
J46 - 39	J20 - 17	EQ OUT S09 CH20 T		
J46 - 40	J20 - 18	EQ OUT S09 CH20 R		
J46 - 41				
J46 - 42				
J46 - 43				
J46 - 44				
J46 - 45				
J46 - 46				
J46 - 47				
J46 - 48				
J46 - 49				
J46 - 50				
(S=1-10)			(S=1-4)	
B401 - TO A201 P5				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J47 - 01	J01 - 19	EQ OUT S10 CH01 T		
J47 - 02	J01 - 20	EQ OUT S10 CH01 R		
J47 - 03	J11 - 19	EQ OUT S10 CH11 T		
J47 - 04	J11 - 20	EQ OUT S10 CH11 R		
J47 - 05	J02 - 19	EQ OUT S10 CH02 T		
J47 - 06	J02 - 20	EQ OUT S10 CH02 R		
J47 - 07	J12 - 19	EQ OUT S10 CH12 T		
J47 - 08	J12 - 20	EQ OUT S10 CH12 R		
J47 - 09	J03 - 19	EQ OUT S10 CH03 T		
J47 - 10	J03 - 20	EQ OUT S10 CH03 R		
J47 - 11	J13 - 19	EQ OUT S10 CH13 T		
J47 - 12	J13 - 20	EQ OUT S10 CH13 R		
J47 - 13	J04 - 19	EQ OUT S10 CH04 T		
J47 - 14	J04 - 20	EQ OUT S10 CH04 R		
J47 - 15	J14 - 19	EQ OUT S10 CH14 T		
J47 - 16	J14 - 20	EQ OUT S10 CH14 R		
J47 - 17	J05 - 19	EQ OUT S10 CH05 T		
J47 - 18	J05 - 20	EQ OUT S10 CH05 R		
J47 - 19	J15 - 19	EQ OUT S10 CH15 T		
J47 - 20	J15 - 20	EQ OUT S10 CH15 R		
J47 - 21	J06 - 19	EQ OUT S10 CH06 T		
J47 - 22	J06 - 20	EQ OUT S10 CH06 R		
J47 - 23	J16 - 19	EQ OUT S10 CH16 T		
J47 - 24	J16 - 20	EQ OUT S10 CH16 R		
J47 - 25	J07 - 19	EQ OUT S10 CH07 T		
J47 - 26	J07 - 20	EQ OUT S10 CH07 R		
J47 - 27	J17 - 19	EQ OUT S10 CH17 T		
J47 - 28	J17 - 20	EQ OUT S10 CH17 R		

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A201 P5				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J47 - 29	J08 - 19	EQ OUT S10 CH08 T		
J47 - 30	J08 - 20	EQ OUT S10 CH08 R		
J47 - 31	J18 - 19	EQ OUT S10 CH18 T		
J47 - 32	J18 - 20	EQ OUT S10 CH18 R		
J47 - 33	J09 - 19	EQ OUT S10 CH09 T		
J47 - 34	J09 - 20	EQ OUT S10 CH09 R		
J47 - 35	J19 - 19	EQ OUT S10 CH19 T		
J47 - 36	J19 - 20	EQ OUT S10 CH19 R		
J47 - 37	J10 - 19	EQ OUT S10 CH10 T		
J47 - 38	J10 - 20	EQ OUT S10 CH10 R		
J47 - 39	J20 - 19	EQ OUT S10 CH20 T		
J47 - 40	J20 - 20	EQ OUT S10 CH20 R		
J47 - 41				
J47 - 42				
J47 - 43				
J47 - 44				
J47 - 45				
J47 - 46				
J47 - 47				
J47 - 48				
J47 - 49				
J47 - 50				
(S=1-10)			(S=1-4)	
B401 - TO A201 P11				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J48 - 01				
J48 - 02				
J48 - 03				
J48 - 04				
J48 - 05				
J48 - 06				
J48 - 07				
J48 - 08				
J48 - 09				
J48 - 10				
J48 - 11		GND		
J48 - 12	J34 - 15	BSEL 05A		
J48 - 13	J33 - 15	150D M S08 T		
J48 - 14	J33 - 16	150D M S08 R		
J48 - 15	J21 - 15	EQ OUT S08 CH21 T		
J48 - 16	J21 - 16	EQ OUT S08 CH21 R		
J48 - 17	J22 - 15	EQ OUT S08 CH22 T		
J48 - 18	J22 - 16	EQ OUT S08 CH22 R		
J48 - 19		GND		
J48 - 20	J34 - 14	BSEL 04A		

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A201 P11				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J48 - 21	J23 - 13	EQ OUT S07 CH23 T		
J48 - 22	J23 - 14	EQ OUT S07 CH23 R		
J48 - 23	J24 - 13	EQ OUT S07 CH24 T		
J48 - 24	J24 - 14	EQ OUT S07 CH24 R		
J48 - 25	J25 - 13	EQ OUT S07 CH25 T		
J48 - 26	J25 - 14	EQ OUT S07 CH25 R		
J48 - 27		GND		
J48 - 28	J34 - 11	BSEL 01A		
J48 - 29	J33 - 11	150D M S06 T		
J48 - 30	J33 - 12	150D M S06 R		
J48 - 31	J21 - 11	EQ OUT S06 CH21 T		
J48 - 32	J21 - 12	EQ OUT S06 CH21 R		
J48 - 33	J22 - 11	EQ OUT S06 CH22 T		
J48 - 34	J22 - 12	EQ OUT S06 CH22 R		
J48 - 35		GND		
J48 - 36	J34 - 13	BSEL 03A		
J48 - 37	J33 - 13	150D M S07 T		
J48 - 38	J33 - 14	150D M S07 R		
J48 - 39	J21 - 13	EQ OUT S07 CH21 T		
J48 - 40	J21 - 14	EQ OUT S07 CH21 R		
J48 - 41	J22 - 13	EQ OUT S07 CH22 T		
J48 - 42	J22 - 14	EQ OUT S07 CH22 R		
J48 - 43		GND		
J48 - 44	J34 - 12	BSEL 02A		
J48 - 45	J23 - 11	EQ OUT S06 CH23 T		
J48 - 46	J23 - 12	EQ OUT S06 CH23 R		
J48 - 47	J24 - 11	EQ OUT S06 CH24 T		
J48 - 48	J24 - 12	EQ OUT S06 CH24 R		
J48 - 49	J25 - 11	EQ OUT S06 CH25 T		
J48 - 50	J25 - 12	EQ OUT S06 CH25 R		
(S=1-10)			(S=1-4)	
B401 - TO A201 P12				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J49 - 01				
J49 - 02				
J49 - 03				
J49 - 04				
J49 - 05				
J49 - 06				
J49 - 07				
J49 - 08				
J49 - 09				
J49 - 10				
J49 - 11		GND		
J49 - 12	J34 - 20	BSEL 10A		

Continued

Continued

(S=1-10)			(S=1-4)	
B401 - TO A201 P12				
<u>FROM</u>	<u>TO</u>	<u>FUNCTION</u>	<u>TO</u>	<u>FUNCTION</u>
J49 - 13	J23 - 19	EQ OUT S10 CH23 T		
J49 - 14	J23 - 20	EQ OUT S10 CH23 R		
J49 - 15	J24 - 19	EQ OUT S10 CH24 T		
J49 - 16	J24 - 20	EQ OUT S10 CH24 R		
J49 - 17	J25 - 19	EQ OUT S10 CH25 T		
J49 - 18	J25 - 20	EQ OUT S10 CH25 R		
J49 - 19		GND		
J49 - 20	J34 - 19	BSEL 09A		
J49 - 21	J33 - 19	150D M S10 T		
J49 - 22	J33 - 20	150D M S10 R		
J49 - 23	J21 - 19	EQ OUT S10 CH21 T		
J49 - 24	J21 - 20	EQ OUT S10 CH21 R		
J49 - 25	J22 - 19	EQ OUT S10 CH22 T		
J49 - 26	J22 - 20	EQ OUT S10 CH22 R		
J49 - 27		GND		
J49 - 28	J34 - 16	BSEL 06A		
J49 - 29	J23 - 15	EQ OUT S08 CH23 T		
J49 - 30	J23 - 16	EQ OUT S08 CH23 R		
J49 - 31	J24 - 15	EQ OUT S08 CH24 T		
J49 - 32	J24 - 16	EQ OUT S08 CH24 R		
J49 - 33	J25 - 15	EQ OUT S08 CH25 T		
J49 - 34	J25 - 16	EQ OUT S08 CH25 R		
J49 - 35		GND		
J49 - 36	J34 - 18	BSEL 08A		
J49 - 37	J23 - 17	EQ OUT S09 CH23 T		
J49 - 38	J23 - 18	EQ OUT S09 CH23 R		
J49 - 39	J24 - 17	EQ OUT S09 CH24 T		
J49 - 40	J24 - 18	EQ OUT S09 CH24 R		
J49 - 41	J25 - 17	EQ OUT S09 CH25 T		
J49 - 42	J25 - 18	EQ OUT S09 CH25 R		
J49 - 43		GND		
J49 - 44	J34 - 17	BSEL 07A		
J49 - 45	J33 - 17	150D M S09 T		
J49 - 46	J33 - 18	150D M S09 R		
J49 - 47	J21 - 17	EQ OUT S09 CH21 T		
J49 - 48	J21 - 18	EQ OUT S09 CH21 R		
J49 - 49	J22 - 17	EQ OUT S09 CH22 T		
J49 - 50	J22 - 18	EQ OUT S09 CH22 R		

INPUT TO AUDIO PROCESSING SHELF A401 thru A425 J1**NOTE 1**

Interconnection of the Input to the Audio Shelf A401 thru A425 is by daisy chaining of J2 to J1 of the next shelf.
Audio is selected by jumpers placed on J4.

Continued

Continued

INPUT TO AUDIO PROCESSING SHELF A401 thru A425 J1

<u>A401 - A425 INPUT</u>	<u>FUNCTION</u>	<u>PUNCH BLOCK</u> *
J1 - 01	VVRX CH1 T	PB01A - 01
J1 - 02	VVRX CH1 R	PB01A - 26
J1 - 03	VVRX CH2 T	PB01A - 02
J1 - 04	VVRX CH2 R	PB01A - 27
J1 - 05	VVRX CH3 T	PB01A - 03
J1 - 06	VVRX CH3 R	PB01A - 28
J1 - 07	VVRX CH4 T	PB01A - 04
J1 - 08	VVRX CH4 R	PB01A - 29
J1 - 09	VVRX CH5 T	PB01A - 05
J1 - 10	VVRX CH5 R	PB01A - 30
J1 - 11	VVRX CH6 T	PB01A - 06
J1 - 12	VVRX CH6 R	PB01A - 31
J1 - 13	VVRX CH7 T	PB01A - 07
J1 - 14	VVRX CH7 R	PB01A - 32
J1 - 15	VVRX CH8 T	PB01A - 08
J1 - 16	VVRX CH8 R	PB01A - 33
J1 - 17	VVRX CH9 T	PB01A - 09
J1 - 18	VVRX CH9 R	PB01A - 34
J1 - 19	VVRX CH10 T	PB01A - 10
J1 - 20	VVRX CH10 R	PB01A - 35
J1 - 21	VVRX CH11 T	PB01A - 11
J1 - 22	VVRX CH11 R	PB01A - 36
J1 - 23	VVRX CH12 T	PB01A - 12
J1 - 24	VVRX CH12 R	PB01A - 37
J1 - 25	VVRX CH13 T	PB01A - 13
J1 - 26	VVRX CH13 R	PB01A - 38
J1 - 27	VVRX CH14 T	PB01A - 14
J1 - 28	VVRX CH14 R	PB01A - 39
J1 - 29	VVRX CH15 T	PB01A - 15
J1 - 30	VVRX CH15 R	PB01A - 40
J1 - 31	VVRX CH16 T	PB01A - 16
J1 - 32	VVRX CH16 R	PB01A - 41
J1 - 33	VVRX CH17 T	PB01A - 17
J1 - 34	VVRX CH17 R	PB01A - 42
J1 - 35	VVRX CH18 T	PB01A - 18
J1 - 36	VVRX CH18 R	PB01A - 43
J1 - 37	VVRX CH19 T	PB01A - 19
J1 - 38	VVRX CH19 R	PB01A - 44
J1 - 39	VVRX CH20 T	PB01A - 20
J1 - 40	VVRX CH20 R	PB01A - 45
J1 - 41	VVRX CH21 T	PB01A - 21
J1 - 42	VVRX CH21 R	PB01A - 46
J1 - 43	VVRX CH22 T	PB01A - 22
J1 - 44	VVRX CH22 R	PB01A - 47
J1 - 45	VVRX CH23 T	PB01A - 23
J1 - 46	VVRX CH23 R	PB01A - 48
J1 - 47	VVRX CH24 T	PB01A - 49

Continued

Continued

A401 - A425 INPUT**FUNCTION****PUNCH BLOCK**

J1 - 48	VVRX CH24 R	PB01A - 49
J1 - 49	VVRX CH25 T	PB01A - 25
J1 - 50	VVRX CH25 R	PB01A - 50

OUTPUT FROM ANALOG DELAY SHELF**OUTPUT****FUNCTION****PUNCH BLOCK**

A-200 P6 - 01	TXV S01 CH01 T	PB02A - 01
A-200 P6 - 02	TXV S01 CH01 R	PB02A - 26
A-200 P6 - 03	TXV S01 CH02 T	PB02A - 02
A-200 P6 - 04	TXV S01 CH02 R	PB02A - 27
A-200 P6 - 05	TXV S01 CH03 T	PB02A - 03
A-200 P6 - 06	TXV S01 CH03 R	PB02A - 28
A-200 P6 - 07	TXV S01 CH04 T	PB02A - 04
A-200 P6 - 08	TXV S01 CH04 R	PB02A - 29
A-200 P6 - 09	TXV S01 CH05 T	PB02A - 05
A-200 P6 - 10	TXV S01 CH05 R	PB02A - 30
A-200 P6 - 11	TXV S01 CH06 T	PB02A - 06
A-200 P6 - 12	TXV S01 CH06 R	PB02A - 31
A-200 P6 - 13	TXV S01 CH07 T	PB02A - 07
A-200 P6 - 14	TXV S01 CH07 R	PB02A - 32
A-200 P6 - 15	TXV S01 CH08 T	PB02A - 08
A-200 P6 - 16	TXV S01 CH08 R	PB02A - 33
A-200 P6 - 17	TXV S01 CH09 T	PB02A - 09
A-200 P6 - 18	TXV S01 CH09 R	PB02A - 34
A-200 P6 - 19	TXV S01 CH10 T	PB02A - 10
A-200 P6 - 20	TXV S01 CH10 R	PB02A - 35
A-200 P6 - 21	TXV S01 CH11 T	PB02A - 11
A-200 P6 - 22	TXV S01 CH11 R	PB02A - 36
A-200 P6 - 23	TXV S01 CH12 T	PB02A - 12
A-200 P6 - 24	TXV S01 CH12 R	PB02A - 37
A-200 P6 - 25	TXV S01 CH13 T	PB02A - 13
A-200 P6 - 26	TXV S01 CH13 R	PB02A - 38
A-200 P6 - 27	TXV S01 CH14 T	PB02A - 14
A-200 P6 - 28	TXV S01 CH14 R	PB02A - 39
A-200 P6 - 29	TXV S01 CH15 T	PB02A - 15
A-200 P6 - 30	TXV S01 CH15 R	PB02A - 40
A-200 P6 - 31	TXV S01 CH16 T	PB02A - 16
A-200 P6 - 32	TXV S01 CH16 R	PB02A - 41
A-200 P6 - 33	TXV S01 CH17 T	PB02A - 17
A-200 P6 - 34	TXV S01 CH17 R	PB02A - 42
A-200 P6 - 35	TXV S01 CH18 T	PB02A - 18
A-200 P6 - 36	TXV S01 CH18 R	PB02A - 43
A-200 P6 - 37	TXV S01 CH19 T	PB02A - 19
A-200 P6 - 38	TXV S01 CH19 R	PB02A - 44
A-200 P6 - 39	TXV S01 CH20 T	PB02A - 20
A-200 P6 - 40	TXV S01 CH20 R	PB02A - 45

Continued

Continued

<u>OUTPUT</u>	<u>FUNCTION</u>	<u>PUNCH BLOCK</u>
A-200 P6 - 41	TXV S01 CH21 T	PB02A - 21
A-200 P6 - 42	TXV S01 CH21 R	PB02A - 46
A-200 P6 - 43	TXV S01 CH22 T	PB02A - 22
A-200 P6 - 44	TXV S01 CH22 R	PB02A - 47
A-200 P6 - 45	TXV S01 CH23 T	PB02A - 23
A-200 P6 - 46	TXV S01 CH23 R	PB02A - 48
A-200 P6 - 47	TXV S01 CH24 T	PB02A - 24
A-200 P6 - 48	TXV S01 CH24 R	PB02A - 49
A-200 P6 - 49	TXV S01 CH25 T	PB02A - 25
A-200 P6 - 50	TXV S01 CH25 R	PB02A - 50
A-200 P7 - 01	TXV S02 CH01 T	PB03A - 01
A-200 P7 - 02	TXV S02 CH01 R	PB03A - 26
A-200 P7 - 03	TXV S02 CH02 T	PB03A - 02
A-200 P7 - 04	TXV S02 CH02 R	PB03A - 27
A-200 P7 - 05	TXV S02 CH03 T	PB03A - 03
A-200 P7 - 06	TXV S02 CH03 R	PB03A - 28
A-200 P7 - 07	TXV S02 CH04 T	PB03A - 04
A-200 P7 - 08	TXV S02 CH04 R	PB03A - 29
A-200 P7 - 09	TXV S02 CH05 T	PB03A - 05
A-200 P7 - 10	TXV S02 CH05 R	PB03A - 30
A-200 P7 - 11	TXV S02 CH06 T	PB03A - 06
A-200 P7 - 12	TXV S02 CH06 R	PB03A - 31
A-200 P7 - 13	TXV S02 CH07 T	PB03A - 07
A-200 P7 - 14	TXV S02 CH07 R	PB03A - 32
A-200 P7 - 15	TXV S02 CH08 T	PB03A - 08
A-200 P7 - 16	TXV S02 CH08 R	PB03A - 33
A-200 P7 - 17	TXV S02 CH09 T	PB03A - 09
A-200 P7 - 18	TXV S02 CH09 R	PB03A - 34
A-200 P7 - 19	TXV S02 CH10 T	PB03A - 10
A-200 P7 - 20	TXV S02 CH10 R	PB03A - 35
A-200 P7 - 21	TXV S02 CH11 T	PB03A - 11
A-200 P7 - 22	TXV S02 CH11 R	PB03A - 36
A-200 P7 - 23	TXV S02 CH12 T	PB03A - 12
A-200 P7 - 24	TXV S02 CH12 R	PB03A - 37
A-200 P7 - 25	TXV S02 CH13 T	PB03A - 13
A-200 P7 - 26	TXV S02 CH13 R	PB03A - 38
A-200 P7 - 27	TXV S02 CH14 T	PB03A - 14
A-200 P7 - 28	TXV S02 CH14 R	PB03A - 39
A-200 P7 - 29	TXV S02 CH15 T	PB03A - 15
A-200 P7 - 30	TXV S02 CH15 R	PB03A - 40
A-200 P7 - 31	TXV S02 CH16 T	PB03A - 16
A-200 P7 - 32	TXV S02 CH16 R	PB03A - 41
A-200 P7 - 33	TXV S02 CH17 T	PB03A - 17
A-200 P7 - 34	TXV S02 CH17 R	PB03A - 42
A-200 P7 - 35	TXV S02 CH18 T	PB03A - 18
A-200 P7 - 36	TXV S02 CH18 R	PB03A - 43
A-200 P7 - 37	TXV S02 CH19 T	PB03A - 19

Continued

Continued

<u>OUTPUT</u>	<u>FUNCTION</u>	<u>PUNCH BLOCK</u>
A-200 P7 - 38	TXV S02 CH19 R	PB03A - 44
A-200 P7 - 39	TXV S02 CH20 T	PB03A - 20
A-200 P7 - 40	TXV S02 CH20 R	PB03A - 45
A-200 P7 - 41	TXV S02 CH21 T	PB03A - 21
A-200 P7 - 42	TXV S02 CH21 R	PB03A - 46
A-200 P7 - 43	TXV S02 CH22 T	PB03A - 22
A-200 P7 - 44	TXV S02 CH22 R	PB03A - 47
A-200 P7 - 45	TXV S02 CH23 T	PB03A - 23
A-200 P7 - 46	TXV S02 CH23 R	PB03A - 48
A-200 P7 - 47	TXV S02 CH24 T	PB03A - 24
A-200 P7 - 48	TXV S02 CH24 R	PB03A - 49
A-200 P7 - 49	TXV S02 CH25 T	PB03A - 25
A-200 P7 - 50	TXV S02 CH25 R	PB03A - 50
A-200 P8 - 01	TXV S03 CH01 T	PB04A - 01
A-200 P8 - 02	TXV S03 CH01 R	PB04A - 26
A-200 P8 - 03	TXV S03 CH02 T	PB04A - 02
A-200 P8 - 04	TXV S03 CH02 R	PB04A - 27
A-200 P8 - 05	TXV S03 CH03 T	PB04A - 03
A-200 P8 - 06	TXV S03 CH03 R	PB04A - 28
A-200 P8 - 07	TXV S03 CH04 T	PB04A - 04
A-200 P8 - 08	TXV S03 CH04 R	PB04A - 29
A-200 P8 - 09	TXV S03 CH05 T	PB04A - 05
A-200 P8 - 10	TXV S03 CH05 R	PB04A - 30
A-200 P8 - 11	TXV S03 CH06 T	PB04A - 06
A-200 P8 - 12	TXV S03 CH06 R	PB04A - 31
A-200 P8 - 13	TXV S03 CH07 T	PB04A - 07
A-200 P8 - 14	TXV S03 CH07 R	PB04A - 32
A-200 P8 - 15	TXV S03 CH08 T	PB04A - 08
A-200 P8 - 16	TXV S03 CH08 R	PB04A - 33
A-200 P8 - 17	TXV S03 CH09 T	PB04A - 09
A-200 P8 - 18	TXV S03 CH09 R	PB04A - 34
A-200 P8 - 19	TXV S03 CH10 T	PB04A - 10
A-200 P8 - 20	TXV S03 CH10 R	PB04A - 35
A-200 P8 - 21	TXV S03 CH11 T	PB04A - 11
A-200 P8 - 22	TXV S03 CH11 R	PB04A - 36
A-200 P8 - 23	TXV S03 CH12 T	PB04A - 12
A-200 P8 - 24	TXV S03 CH12 R	PB04A - 37
A-200 P8 - 25	TXV S03 CH13 T	PB04A - 13
A-200 P8 - 26	TXV S03 CH13 R	PB04A - 38
A-200 P8 - 27	TXV S03 CH14 T	PB04A - 14
A-200 P8 - 28	TXV S03 CH14 R	PB04A - 39
A-200 P8 - 29	TXV S03 CH15 T	PB04A - 15
A-200 P8 - 30	TXV S03 CH15 R	PB04A - 40
A-200 P8 - 31	TXV S03 CH16 T	PB04A - 16
A-200 P8 - 32	TXV S03 CH16 R	PB04A - 41
A-200 P8 - 33	TXV S03 CH17 T	PB04A - 17
A-200 P8 - 34	TXV S03 CH17 R	PB04A - 42

Continued

Continued

<u>OUTPUT</u>	<u>FUNCTION</u>	<u>PUNCH BLOCK</u>
A-200 P8 - 35	TXV S03 CH18 T	PB04A - 18
A-200 P8 - 36	TXV S03 CH18 R	PB04A - 43
A-200 P8 - 37	TXV S03 CH19 T	PB04A - 19
A-200 P8 - 38	TXV S03 CH19 R	PB04A - 44
A-200 P8 - 39	TXV S03 CH20 T	PB04A - 20
A-200 P8 - 40	TXV S03 CH20 R	PB04A - 45
A-200 P8 - 41	TXV S03 CH21 T	PB04A - 21
A-200 P8 - 42	TXV S03 CH21 R	PB04A - 46
A-200 P8 - 43	TXV S03 CH22 T	PB04A - 22
A-200 P8 - 44	TXV S03 CH22 R	PB04A - 47
A-200 P8 - 45	TXV S03 CH23 T	PB04A - 23
A-200 P8 - 46	TXV S03 CH23 R	PB04A - 48
A-200 P8 - 47	TXV S03 CH24 T	PB04A - 24
A-200 P8 - 48	TXV S03 CH24 R	PB04A - 49
A-200 P8 - 49	TXV S03 CH25 T	PB04A - 25
A-200 P8 - 50	TXV S03 CH25 R	PB04A - 50
A-200 P9 - 01	TXV S04 CH01 T	PB05A - 01
A-200 P9 - 02	TXV S04 CH01 R	PB05A - 26
A-200 P9 - 03	TXV S04 CH02 T	PB05A - 02
A-200 P9 - 04	TXV S04 CH02 R	PB05A - 27
A-200 P9 - 05	TXV S04 CH03 T	PB05A - 03
A-200 P9 - 06	TXV S04 CH03 R	PB05A - 28
A-200 P9 - 07	TXV S04 CH04 T	PB05A - 04
A-200 P9 - 08	TXV S04 CH04 R	PB05A - 29
A-200 P9 - 09	TXV S04 CH05 T	PB05A - 05
A-200 P9 - 10	TXV S04 CH05 R	PB05A - 30
A-200 P9 - 11	TXV S04 CH06 T	PB05A - 06
A-200 P9 - 12	TXV S04 CH06 R	PB05A - 31
A-200 P9 - 13	TXV S04 CH07 T	PB05A - 07
A-200 P9 - 14	TXV S04 CH07 R	PB05A - 32
A-200 P9 - 15	TXV S04 CH08 T	PB05A - 08
A-200 P9 - 16	TXV S04 CH08 R	PB05A - 33
A-200 P9 - 17	TXV S04 CH09 T	PB05A - 09
A-200 P9 - 18	TXV S04 CH09 R	PB05A - 34
A-200 P9 - 19	TXV S04 CH10 T	PB05A - 10
A-200 P9 - 20	TXV S04 CH10 R	PB05A - 35
A-200 P9 - 21	TXV S04 CH11 T	PB05A - 11
A-200 P9 - 22	TXV S04 CH11 R	PB05A - 36
A-200 P9 - 23	TXV S04 CH12 T	PB05A - 12
A-200 P9 - 24	TXV S04 CH12 R	PB05A - 37
A-200 P9 - 25	TXV S04 CH13 T	PB05A - 13
A-200 P9 - 26	TXV S04 CH13 R	PB05A - 38
A-200 P9 - 27	TXV S04 CH14 T	PB05A - 14
A-200 P9 - 28	TXV S04 CH14 R	PB05A - 39
A-200 P9 - 29	TXV S04 CH15 T	PB05A - 15
A-200 P9 - 30	TXV S04 CH15 R	PB05A - 40
A-200 P9 - 31	TXV S04 CH16 T	PB05A - 16

Continued

Continued

<u>OUTPUT</u>	<u>FUNCTION</u>	<u>PUNCH BLOCK</u>
A-200 P9 - 32	TXV S04 CH16 R	PB05A - 41
A-200 P9 - 33	TXV S04 CH17 T	PB05A - 17
A-200 P9 - 34	TXV S04 CH17 R	PB05A - 42
A-200 P9 - 35	TXV S04 CH18 T	PB05A - 18
A-200 P9 - 36	TXV S04 CH18 R	PB05A - 43
A-200 P9 - 37	TXV S04 CH19 T	PB05A - 19
A-200 P9 - 38	TXV S04 CH19 R	PB05A - 44
A-200 P9 - 39	TXV S04 CH20 T	PB05A - 20
A-200 P9 - 40	TXV S04 CH20 R	PB05A - 45
A-200 P9 - 41	TXV S04 CH21 T	PB05A - 21
A-200 P9 - 42	TXV S04 CH21 R	PB05A - 46
A-200 P9 - 43	TXV S04 CH22 T	PB05A - 22
A-200 P9 - 44	TXV S04 CH22 R	PB05A - 47
A-200 P9 - 45	TXV S04 CH23 T	PB05A - 23
A-200 P9 - 46	TXV S04 CH23 R	PB05A - 48
A-200 P9 - 47	TXV S04 CH24 T	PB05A - 24
A-200 P9 - 48	TXV S04 CH24 R	PB05A - 49
A-200 P9 - 49	TXV S04 CH25 T	PB05A - 25
A-200 P9 - 50	TXV S04 CH25 R	PB05A - 50
A-200 P10 - 01	TXV S05 CH01 T	PB06A - 01
A-200 P10 - 02	TXV S05 CH01 R	PB06A - 26
A-200 P10 - 03	TXV S05 CH02 T	PB06A - 02
A-200 P10 - 04	TXV S05 CH02 R	PB06A - 27
A-200 P10 - 05	TXV S05 CH03 T	PB06A - 03
A-200 P10 - 06	TXV S05 CH03 R	PB06A - 28
A-200 P10 - 07	TXV S05 CH04 T	PB06A - 04
A-200 P10 - 08	TXV S05 CH04 R	PB06A - 29
A-200 P10 - 09	TXV S05 CH05 T	PB06A - 05
A-200 P10 - 10	TXV S05 CH05 R	PB06A - 30
A-200 P10 - 11	TXV S05 CH06 T	PB06A - 06
A-200 P10 - 12	TXV S05 CH06 R	PB06A - 31
A-200 P10 - 13	TXV S05 CH07 T	PB06A - 07
A-200 P10 - 14	TXV S05 CH07 R	PB06A - 32
A-200 P10 - 15	TXV S05 CH08 T	PB06A - 08
A-200 P10 - 16	TXV S05 CH08 R	PB06A - 33
A-200 P10 - 17	TXV S05 CH09 T	PB06A - 09
A-200 P10 - 18	TXV S05 CH09 R	PB06A - 34
A-200 P10 - 19	TXV S05 CH10 T	PB06A - 10
A-200 P10 - 20	TXV S05 CH10 R	PB06A - 35
A-200 P10 - 21	TXV S05 CH11 T	PB06A - 11
A-200 P10 - 22	TXV S05 CH11 R	PB06A - 36
A-200 P10 - 23	TXV S05 CH12 T	PB06A - 12
A-200 P10 - 24	TXV S05 CH12 R	PB06A - 37
A-200 P10 - 25	TXV S05 CH13 T	PB06A - 13
A-200 P10 - 26	TXV S05 CH13 R	PB06A - 38
A-200 P10 - 27	TXV S05 CH14 T	PB06A - 14
A-200 P10 - 28	TXV S05 CH14 R	PB06A - 39

Continued

Continued

<u>OUTPUT</u>	<u>FUNCTION</u>	<u>PUNCH BLOCK</u>
A-200 P10 - 29	TXV S05 CH15 T	PB06A - 15
A-200 P10 - 30	TXV S05 CH15 R	PB06A - 40
A-200 P10 - 31	TXV S05 CH16 T	PB06A - 16
A-200 P10 - 32	TXV S05 CH16 R	PB06A - 41
A-200 P10 - 33	TXV S05 CH17 T	PB06A - 17
A-200 P10 - 34	TXV S05 CH17 R	PB06A - 42
A-200 P10 - 35	TXV S05 CH18 T	PB06A - 18
A-200 P10 - 36	TXV S05 CH18 R	PB06A - 43
A-200 P10 - 37	TXV S05 CH19 T	PB06A - 19
A-200 P10 - 38	TXV S05 CH19 R	PB06A - 44
A-200 P10 - 39	TXV S05 CH20 T	PB06A - 20
A-200 P10 - 40	TXV S05 CH20 R	PB06A - 45
A-200 P10 - 41	TXV S05 CH21 T	PB06A - 21
A-200 P10 - 42	TXV S05 CH21 R	PB06A - 46
A-200 P10 - 43	TXV S05 CH22 T	PB06A - 22
A-200 P10 - 44	TXV S05 CH22 R	PB06A - 47
A-200 P10 - 45	TXV S05 CH23 T	PB06A - 23
A-200 P10 - 46	TXV S05 CH23 R	PB06A - 48
A-200 P10 - 47	TXV S05 CH24 T	PB06A - 24
A-200 P10 - 48	TXV S05 CH24 R	PB06A - 49
A-200 P10 - 49	TXV S05 CH25 T	PB06A - 25
A-200 P10 - 50	TXV S05 CH25 R	PB06A - 50
A-200 P13 - 01	TX 150D M S01 T	PB07A - 01
A-200 P13 - 02	TX 150D M S01 R	PB07A - 26
A-200 P13 - 03	TX 150D M S02 T	PB07A - 02
A-200 P13 - 04	TX 150D M S02 R	PB07A - 27
A-200 P13 - 05	TX 150D M S03 T	PB07A - 03
A-200 P13 - 06	TX 150D M S03 R	PB07A - 28
A-200 P13 - 07	TX 150D M S04 T	PB07A - 04
A-200 P13 - 08	TX 150D M S04 R	PB07A - 29
A-200 P13 - 09	TX 150D M S05 T	PB07A - 05
A-200 P13 - 10	TX 150D M S05 R	PB07A - 30
A-200 P13 - 11	TX 150D M S06 T	PB07A - 06
A-200 P13 - 12	TX 150D M S06 R	PB07A - 31
A-200 P13 - 13	TX 150D M S07 T	PB07A - 07
A-200 P13 - 14	TX 150D M S07 R	PB07A - 32
A-200 P13 - 15	TX 150D M S08 T	PB07A - 08
A-200 P13 - 16	TX 150D M S08 R	PB07A - 33
A-200 P13 - 17	TX 150D M S09 T	PB07A - 09
A-200 P13 - 18	TX 150D M S09 R	PB07A - 34
A-200 P13 - 19	TX 150D M S10 T	PB07A - 10
A-200 P13 - 20	TX 150D M S10 R	PB07A - 35
A-200 P13 - 21	n/c	
A-200 P13 - 22	n/c	
A-200 P13 - 23	n/c	
A-200 P13 - 24	n/c	
A-200 P13 - 25	n/c	

Continued

Continued

<u>OUTPUT</u>	<u>FUNCTION</u>	<u>PUNCH BLOCK</u>
A-200 P13 - 26	n/c	
A-200 P13 - 27	n/c	
A-200 P13 - 28	n/c	
A-200 P13 - 29	n/c	
A-200 P13 - 30	n/c	
A-200 P13 - 31	n/c	
A-200 P13 - 32	n/c	
A-200 P13 - 33	n/c	
A-200 P13 - 34	n/c	
A-200 P13 - 35	n/c	
A-200 P13 - 36	n/c	
A-200 P13 - 37	n/c	
A-200 P13 - 38	n/c	
A-200 P13 - 39	n/c	
A-200 P13 - 40	n/c	
A-200 P13 - 41	n/c	
A-200 P13 - 42	n/c	
A-200 P13 - 43	n/c	
A-200 P13 - 44	n/c	
A-200 P13 - 45	n/c	
A-200 P13 - 46	n/c	
A-200 P13 - 47	n/c	
A-200 P13 - 48	n/c	
A-200 P13 - 49	n/c	
A-200 P13 - 50	n/c	
A-200 P14 - 01	n/c	
A-200 P14 - 02	n/c	
A-200 P14 - 03	n/c	
A-200 P14 - 04	n/c	
A-200 P14 - 05	n/c	
A-200 P14 - 06	n/c	
A-200 P14 - 07	n/c	
A-200 P14 - 08	n/c	
A-200 P14 - 09	n/c	
A-200 P14 - 10	n/c	
A-200 P14 - 11	n/c	
A-200 P14 - 12	n/c	
A-200 P14 - 13	n/c	
A-200 P14 - 14	n/c	
A-200 P14 - 15	n/c	
A-200 P14 - 16	n/c	
A-200 P14 - 17	n/c	
A-200 P14 - 18	n/c	
A-200 P14 - 19	n/c	
A-200 P14 - 20	n/c	
A-200 P14 - 21	n/c	
A-200 P14 - 22	n/c	

Continued

Continued

<u>OUTPUT</u>	<u>FUNCTION</u>	<u>PUNCH BLOCK</u>
A-200 P14 - 23	n/c	
A-200 P14 - 24	n/c	
A-200 P14 - 25	n/c	
A-200 P14 - 26	n/c	
A-200 P14 - 27	n/c	
A-200 P14 - 28	n/c	
A-200 P14 - 29	n/c	
A-200 P14 - 30	n/c	
A-200 P14 - 31	n/c	
A-200 P14 - 32	n/c	
A-200 P14 - 33	n/c	
A-200 P14 - 34	n/c	
A-200 P14 - 35	n/c	
A-200 P14 - 36	n/c	
A-200 P14 - 37	n/c	
A-200 P14 - 38	n/c	
A-200 P14 - 39	n/c	
A-200 P14 - 40	n/c	
A-200 P14 - 41	n/c	
A-200 P14 - 42	n/c	
A-200 P14 - 43	n/c	
A-200 P14 - 44	n/c	
A-200 P14 - 45	n/c	
A-200 P14 - 46	n/c	
A-200 P14 - 47	n/c	
A-200 P14 - 48	n/c	
A-200 P14 - 49	n/c	
A-200 P14 - 50	n/c	
A-201 P6 - 01	TXV S06 CH01 T	PB09A - 01
A-201 P6 - 02	TXV S06 CH01 R	PB09A - 26
A-201 P6 - 03	TXV S06 CH02 T	PB09A - 02
A-201 P6 - 04	TXV S06 CH02 R	PB09A - 27
A-201 P6 - 05	TXV S06 CH03 T	PB09A - 03
A-201 P6 - 06	TXV S06 CH03 R	PB09A - 28
A-201 P6 - 07	TXV S06 CH04 T	PB09A - 04
A-201 P6 - 08	TXV S06 CH04 R	PB09A - 29
A-201 P6 - 09	TXV S06 CH05 T	PB09A - 05
A-201 P6 - 10	TXV S06 CH05 R	PB09A - 30
A-201 P6 - 11	TXV S06 CH06 T	PB09A - 06
A-201 P6 - 12	TXV S06 CH06 R	PB09A - 31
A-201 P6 - 13	TXV S06 CH07 T	PB09A - 07
A-201 P6 - 14	TXV S06 CH07 R	PB09A - 32
A-201 P6 - 15	TXV S06 CH08 T	PB09A - 08
A-201 P6 - 16	TXV S06 CH08 R	PB09A - 33
A-201 P6 - 17	TXV S06 CH09 T	PB09A - 09
A-201 P6 - 18	TXV S06 CH09 R	PB09A - 34
A-201 P6 - 19	TXV S06 CH10 T	PB09A - 10

Continued

Continued

<u>OUTPUT</u>	<u>FUNCTION</u>	<u>PUNCH BLOCK</u>
A-201 P6 - 20	TXV S06 CH10 R	PB09A - 35
A-201 P6 - 21	TXV S06 CH11 T	PB09A - 11
A-201 P6 - 22	TXV S06 CH11 R	PB09A - 36
A-201 P6 - 23	TXV S06 CH12 T	PB09A - 12
A-201 P6 - 24	TXV S06 CH12 R	PB09A - 37
A-201 P6 - 25	TXV S06 CH13 T	PB09A - 13
A-201 P6 - 26	TXV S06 CH13 R	PB09A - 38
A-201 P6 - 27	TXV S06 CH14 T	PB09A - 14
A-201 P6 - 28	TXV S06 CH14 R	PB09A - 39
A-201 P6 - 29	TXV S06 CH15 T	PB09A - 15
A-201 P6 - 30	TXV S06 CH15 R	PB09A - 40
A-201 P6 - 31	TXV S06 CH16 T	PB09A - 16
A-201 P6 - 32	TXV S06 CH16 R	PB09A - 41
A-201 P6 - 33	TXV S06 CH17 T	PB09A - 17
A-201 P6 - 34	TXV S06 CH17 R	PB09A - 42
A-201 P6 - 35	TXV S06 CH18 T	PB09A - 18
A-201 P6 - 36	TXV S06 CH18 R	PB09A - 43
A-201 P6 - 37	TXV S06 CH19 T	PB09A - 19
A-201 P6 - 38	TXV S06 CH19 R	PB09A - 44
A-201 P6 - 39	TXV S06 CH20 T	PB09A - 20
A-201 P6 - 40	TXV S06 CH20 R	PB09A - 45
A-201 P6 - 41	TXV S06 CH21 T	PB09A - 21
A-201 P6 - 42	TXV S06 CH21 R	PB09A - 46
A-201 P6 - 43	TXV S06 CH22 T	PB09A - 22
A-201 P6 - 44	TXV S06 CH22 R	PB09A - 47
A-201 P6 - 45	TXV S06 CH23 T	PB09A - 23
A-201 P6 - 46	TXV S06 CH23 R	PB09A - 48
A-201 P6 - 47	TXV S06 CH24 T	PB09A - 24
A-201 P6 - 48	TXV S06 CH24 R	PB09A - 49
A-201 P6 - 49	TXV S06 CH25 T	PB09A - 25
A-201 P6 - 50	TXV S06 CH25 R	PB09A - 50
A-201 P7 - 01	TXV S07 CH01 T	PB10A - 01
A-201 P7 - 02	TXV S07 CH01 R	PB10A - 26
A-201 P7 - 03	TXV S07 CH02 T	PB10A - 02
A-201 P7 - 04	TXV S07 CH02 R	PB10A - 27
A-201 P7 - 05	TXV S07 CH03 T	PB10A - 03
A-201 P7 - 06	TXV S07 CH03 R	PB10A - 28
A-201 P7 - 07	TXV S07 CH04 T	PB10A - 04
A-201 P7 - 08	TXV S07 CH04 R	PB10A - 29
A-201 P7 - 09	TXV S07 CH05 T	PB10A - 05
A-201 P7 - 10	TXV S07 CH05 R	PB10A - 30
A-201 P7 - 11	TXV S07 CH06 T	PB10A - 06
A-201 P7 - 12	TXV S07 CH06 R	PB10A - 31
A-201 P7 - 13	TXV S07 CH07 T	PB10A - 07
A-201 P7 - 14	TXV S07 CH07 R	PB10A - 32
A-201 P7 - 15	TXV S07 CH08 T	PB10A - 08
A-201 P7 - 16	TXV S07 CH08 R	PB10A - 33

Continued

Continued

<u>OUTPUT</u>	<u>FUNCTION</u>	<u>PUNCH BLOCK</u>
A-201 P7 - 17	TXV S07 CH09 T	PB10A - 09
A-201 P7 - 18	TXV S07 CH09 R	PB10A - 34
A-201 P7 - 19	TXV S07 CH10 T	PB10A - 10
A-201 P7 - 20	TXV S07 CH10 R	PB10A - 35
A-201 P7 - 21	TXV S07 CH11 T	PB10A - 11
A-201 P7 - 22	TXV S07 CH11 R	PB10A - 36
A-201 P7 - 23	TXV S07 CH12 T	PB10A - 12
A-201 P7 - 24	TXV S07 CH12 R	PB10A - 37
A-201 P7 - 25	TXV S07 CH13 T	PB10A - 13
A-201 P7 - 26	TXV S07 CH13 R	PB10A - 38
A-201 P7 - 27	TXV S07 CH14 T	PB10A - 14
A-201 P7 - 28	TXV S07 CH14 R	PB10A - 39
A-201 P7 - 29	TXV S07 CH15 T	PB10A - 15
A-201 P7 - 30	TXV S07 CH15 R	PB10A - 40
A-201 P7 - 31	TXV S07 CH16 T	PB10A - 16
A-201 P7 - 32	TXV S07 CH16 R	PB10A - 41
A-201 P7 - 33	TXV S07 CH17 T	PB10A - 17
A-201 P7 - 34	TXV S07 CH17 R	PB10A - 42
A-201 P7 - 35	TXV S07 CH18 T	PB10A - 18
A-201 P7 - 36	TXV S07 CH18 R	PB10A - 43
A-201 P7 - 37	TXV S07 CH19 T	PB10A - 19
A-201 P7 - 38	TXV S07 CH19 R	PB10A - 44
A-201 P7 - 39	TXV S07 CH20 T	PB10A - 20
A-201 P7 - 40	TXV S07 CH20 R	PB10A - 45
A-201 P7 - 41	TXV S07 CH21 T	PB10A - 21
A-201 P7 - 42	TXV S07 CH21 R	PB10A - 46
A-201 P7 - 43	TXV S07 CH22 T	PB10A - 22
A-201 P7 - 44	TXV S07 CH22 R	PB10A - 47
A-201 P7 - 45	TXV S07 CH23 T	PB10A - 23
A-201 P7 - 46	TXV S07 CH23 R	PB10A - 48
A-201 P7 - 47	TXV S07 CH24 T	PB10A - 24
A-201 P7 - 48	TXV S07 CH24 R	PB10A - 49
A-201 P7 - 49	TXV S07 CH25 T	PB10A - 25
A-201 P7 - 50	TXV S07 CH25 R	PB10A - 50
A-201 P8 - 01	TXV S08 CH01 T	PB11A - 01
A-201 P8 - 02	TXV S08 CH01 R	PB11A - 26
A-201 P8 - 03	TXV S08 CH02 T	PB11A - 02
A-201 P8 - 04	TXV S08 CH02 R	PB11A - 27
A-201 P8 - 05	TXV S08 CH03 T	PB11A - 03
A-201 P8 - 06	TXV S08 CH03 R	PB11A - 28
A-201 P8 - 07	TXV S08 CH04 T	PB11A - 04
A-201 P8 - 08	TXV S08 CH04 R	PB11A - 29
A-201 P8 - 09	TXV S08 CH05 T	PB11A - 05
A-201 P8 - 10	TXV S08 CH05 R	PB11A - 30
A-201 P8 - 11	TXV S08 CH06 T	PB11A - 06
A-201 P8 - 12	TXV S08 CH06 R	PB11A - 31
A-201 P8 - 13	TXV S08 CH07 T	PB11A - 07

Continued

Continued

<u>OUTPUT</u>	<u>FUNCTION</u>	<u>PUNCH BLOCK</u>
A-201 P8 - 14	TXV S08 CH07 R	PB11A - 32
A-201 P8 - 15	TXV S08 CH08 T	PB11A - 08
A-201 P8 - 16	TXV S08 CH08 R	PB11A - 33
A-201 P8 - 17	TXV S08 CH09 T	PB11A - 09
A-201 P8 - 18	TXV S08 CH09 R	PB11A - 34
A-201 P8 - 19	TXV S08 CH10 T	PB11A - 10
A-201 P8 - 20	TXV S08 CH10 R	PB11A - 35
A-201 P8 - 21	TXV S08 CH11 T	PB11A - 11
A-201 P8 - 22	TXV S08 CH11 R	PB11A - 36
A-201 P8 - 23	TXV S08 CH12 T	PB11A - 12
A-201 P8 - 24	TXV S08 CH12 R	PB11A - 37
A-201 P8 - 25	TXV S08 CH13 T	PB11A - 13
A-201 P8 - 26	TXV S08 CH13 R	PB11A - 38
A-201 P8 - 27	TXV S08 CH14 T	PB11A - 14
A-201 P8 - 28	TXV S08 CH14 R	PB11A - 39
A-201 P8 - 29	TXV S08 CH15 T	PB11A - 15
A-201 P8 - 30	TXV S08 CH15 R	PB11A - 40
A-201 P8 - 31	TXV S08 CH16 T	PB11A - 16
A-201 P8 - 32	TXV S08 CH16 R	PB11A - 41
A-201 P8 - 33	TXV S08 CH17 T	PB11A - 17
A-201 P8 - 34	TXV S08 CH17 R	PB11A - 42
A-201 P8 - 35	TXV S08 CH18 T	PB11A - 18
A-201 P8 - 36	TXV S08 CH18 R	PB11A - 43
A-201 P8 - 37	TXV S08 CH19 T	PB11A - 19
A-201 P8 - 38	TXV S08 CH19 R	PB11A - 44
A-201 P8 - 39	TXV S08 CH20 T	PB11A - 20
A-201 P8 - 40	TXV S08 CH20 R	PB11A - 45
A-201 P8 - 41	TXV S08 CH21 T	PB11A - 21
A-201 P8 - 42	TXV S08 CH21 R	PB11A - 46
A-201 P8 - 43	TXV S08 CH22 T	PB11A - 22
A-201 P8 - 44	TXV S08 CH22 R	PB11A - 47
A-201 P8 - 45	TXV S08 CH23 T	PB11A - 23
A-201 P8 - 46	TXV S08 CH23 R	PB11A - 48
A-201 P8 - 47	TXV S08 CH24 T	PB11A - 24
A-201 P8 - 48	TXV S08 CH24 R	PB11A - 49
A-201 P8 - 49	TXV S08 CH25 T	PB11A - 25
A-201 P8 - 50	TXV S08 CH25 R	PB11A - 50
A-201 P9 - 01	TXV S09 CH01 T	PB12A - 01
A-201 P9 - 02	TXV S09 CH01 R	PB12A - 26
A-201 P9 - 03	TXV S09 CH02 T	PB12A - 02
A-201 P9 - 04	TXV S09 CH02 R	PB12A - 27
A-201 P9 - 05	TXV S09 CH03 T	PB12A - 03
A-201 P9 - 06	TXV S09 CH03 R	PB12A - 28
A-201 P9 - 07	TXV S09 CH04 T	PB12A - 04
A-201 P9 - 08	TXV S09 CH04 R	PB12A - 29
A-201 P9 - 09	TXV S09 CH05 T	PB12A - 05
A-201 P9 - 10	TXV S09 CH05 R	PB12A - 30

Continued

Continued

<u>OUTPUT</u>	<u>FUNCTION</u>	<u>PUNCH BLOCK</u>
A-201 P9 - 11	TXV S09 CH06 T	PB12A - 06
A-201 P9 - 12	TXV S09 CH06 R	PB12A - 31
A-201 P9 - 13	TXV S09 CH07 T	PB12A - 07
A-201 P9 - 14	TXV S09 CH07 R	PB12A - 32
A-201 P9 - 15	TXV S09 CH08 T	PB12A - 08
A-201 P9 - 16	TXV S09 CH08 R	PB12A - 33
A-201 P9 - 17	TXV S09 CH09 T	PB12A - 09
A-201 P9 - 18	TXV S09 CH09 R	PB12A - 34
A-201 P9 - 19	TXV S09 CH10 T	PB12A - 10
A-201 P9 - 20	TXV S09 CH10 R	PB12A - 35
A-201 P9 - 21	TXV S09 CH11 T	PB12A - 11
A-201 P9 - 22	TXV S09 CH11 R	PB12A - 36
A-201 P9 - 23	TXV S09 CH12 T	PB12A - 12
A-201 P9 - 24	TXV S09 CH12 R	PB12A - 37
A-201 P9 - 25	TXV S09 CH13 T	PB12A - 13
A-201 P9 - 26	TXV S09 CH13 R	PB12A - 38
A-201 P9 - 27	TXV S09 CH14 T	PB12A - 14
A-201 P9 - 28	TXV S09 CH14 R	PB12A - 39
A-201 P9 - 29	TXV S09 CH15 T	PB12A - 15
A-201 P9 - 30	TXV S09 CH15 R	PB12A - 40
A-201 P9 - 31	TXV S09 CH16 T	PB12A - 16
A-201 P9 - 32	TXV S09 CH16 R	PB12A - 41
A-201 P9 - 33	TXV S09 CH17 T	PB12A - 17
A-201 P9 - 34	TXV S09 CH17 R	PB12A - 42
A-201 P9 - 35	TXV S09 CH18 T	PB12A - 18
A-201 P9 - 36	TXV S09 CH18 R	PB12A - 43
A-201 P9 - 37	TXV S09 CH19 T	PB12A - 19
A-201 P9 - 38	TXV S09 CH19 R	PB12A - 44
A-201 P9 - 39	TXV S09 CH20 T	PB12A - 20
A-201 P9 - 40	TXV S09 CH20 R	PB12A - 45
A-201 P9 - 41	TXV S09 CH21 T	PB12A - 21
A-201 P9 - 42	TXV S09 CH21 R	PB12A - 46
A-201 P9 - 43	TXV S09 CH22 T	PB12A - 22
A-201 P9 - 44	TXV S09 CH22 R	PB12A - 47
A-201 P9 - 45	TXV S09 CH23 T	PB12A - 23
A-201 P9 - 46	TXV S09 CH23 R	PB12A - 48
A-201 P9 - 47	TXV S09 CH24 T	PB12A - 24
A-201 P9 - 48	TXV S09 CH24 R	PB12A - 49
A-201 P9 - 49	TXV S09 CH25 T	PB12A - 25
A-201 P9 - 50	TXV S09 CH25 R	PB12A - 50
A-201 P10 - 01	TXV S10 CH01 T	PB13A - 01
A-201 P10 - 02	TXV S10 CH01 R	PB13A - 26
A-201 P10 - 03	TXV S10 CH02 T	PB13A - 02
A-201 P10 - 04	TXV S10 CH02 R	PB13A - 27
A-201 P10 - 05	TXV S10 CH03 T	PB13A - 03
A-201 P10 - 06	TXV S10 CH03 R	PB13A - 28
A-201 P10 - 07	TXV S10 CH04 T	PB13A - 04

Continued

Continued

<u>OUTPUT</u>	<u>FUNCTION</u>	<u>PUNCH BLOCK</u>
A-201 P10 - 08	TXV S10 CH04 R	PB13A - 29
A-201 P10 - 09	TXV S10 CH05 T	PB13A - 05
A-201 P10 - 10	TXV S10 CH05 R	PB13A - 30
A-201 P10 - 11	TXV S10 CH06 T	PB13A - 06
A-201 P10 - 12	TXV S10 CH06 R	PB13A - 31
A-201 P10 - 13	TXV S10 CH07 T	PB13A - 07
A-201 P10 - 14	TXV S10 CH07 R	PB13A - 32
A-201 P10 - 15	TXV S10 CH08 T	PB13A - 08
A-201 P10 - 16	TXV S10 CH08 R	PB13A - 33
A-201 P10 - 17	TXV S10 CH09 T	PB13A - 09
A-201 P10 - 18	TXV S10 CH09 R	PB13A - 34
A-201 P10 - 19	TXV S10 CH10 T	PB13A - 10
A-201 P10 - 20	TXV S10 CH10 R	PB13A - 35
A-201 P10 - 21	TXV S10 CH11 T	PB13A - 11
A-201 P10 - 22	TXV S10 CH11 R	PB13A - 36
A-201 P10 - 23	TXV S10 CH12 T	PB13A - 12
A-201 P10 - 24	TXV S10 CH12 R	PB13A - 37
A-201 P10 - 25	TXV S10 CH13 T	PB13A - 13
A-201 P10 - 26	TXV S10 CH13 R	PB13A - 38
A-201 P10 - 27	TXV S10 CH14 T	PB13A - 14
A-201 P10 - 28	TXV S10 CH14 R	PB13A - 39
A-201 P10 - 29	TXV S10 CH15 T	PB13A - 15
A-201 P10 - 30	TXV S10 CH15 R	PB13A - 40
A-201 P10 - 31	TXV S10 CH16 T	PB13A - 16
A-201 P10 - 32	TXV S10 CH16 R	PB13A - 41
A-201 P10 - 33	TXV S10 CH17 T	PB13A - 17
A-201 P10 - 34	TXV S10 CH17 R	PB13A - 42
A-201 P10 - 35	TXV S10 CH18 T	PB13A - 18
A-201 P10 - 36	TXV S10 CH18 R	PB13A - 43
A-201 P10 - 37	TXV S10 CH19 T	PB13A - 19
A-201 P10 - 38	TXV S10 CH19 R	PB13A - 44
A-201 P10 - 39	TXV S10 CH20 T	PB13A - 20
A-201 P10 - 40	TXV S10 CH20 R	PB13A - 45
A-201 P10 - 41	TXV S10 CH21 T	PB13A - 21
A-201 P10 - 42	TXV S10 CH21 R	PB13A - 46
A-201 P10 - 43	TXV S10 CH22 T	PB13A - 22
A-201 P10 - 44	TXV S10 CH22 R	PB13A - 47
A-201 P10 - 45	TXV S10 CH23 T	PB13A - 23
A-201 P10 - 46	TXV S10 CH23 R	PB13A - 48
A-201 P10 - 47	TXV S10 CH24 T	PB13A - 24
A-201 P10 - 48	TXV S10 CH24 R	PB13A - 49
A-201 P10 - 49	TXV S10 CH25 T	PB13A - 25
A-201 P10 - 50	TXV S10 CH25 R	PB13A - 50
A-201 P13 - 01	n/c	
A-201 P13 - 02	n/c	
A-201 P13 - 03	n/c	
A-201 P13 - 04	n/c	

Continued

Continued

<u>OUTPUT</u>	<u>FUNCTION</u>	<u>PUNCH BLOCK</u>
A-201 P13 - 05	n/c	
A-201 P13 - 06	n/c	
A-201 P13 - 07	n/c	
A-201 P13 - 08	n/c	
A-201 P13 - 09	n/c	
A-201 P13 - 10	n/c	
A-201 P13 - 11	n/c	
A-201 P13 - 12	n/c	
A-201 P13 - 13	n/c	
A-201 P13 - 14	n/c	
A-201 P13 - 15	n/c	
A-201 P13 - 16	n/c	
A-201 P13 - 17	n/c	
A-201 P13 - 18	n/c	
A-201 P13 - 19	n/c	
A-201 P13 - 20	n/c	
A-201 P13 - 21	n/c	
A-201 P13 - 22	n/c	
A-201 P13 - 23	n/c	
A-201 P13 - 24	n/c	
A-201 P13 - 25	n/c	
A-201 P13 - 26	n/c	
A-201 P13 - 27	n/c	
A-201 P13 - 28	n/c	
A-201 P13 - 29	n/c	
A-201 P13 - 30	n/c	
A-201 P13 - 31	n/c	
A-201 P13 - 32	n/c	
A-201 P13 - 33	n/c	
A-201 P13 - 34	n/c	
A-201 P13 - 35	n/c	
A-201 P13 - 36	n/c	
A-201 P13 - 37	n/c	
A-201 P13 - 38	n/c	
A-201 P13 - 39	n/c	
A-201 P13 - 40	n/c	
A-201 P13 - 41	n/c	
A-201 P13 - 42	n/c	
A-201 P13 - 43	n/c	
A-201 P13 - 44	n/c	
A-201 P13 - 45	n/c	
A-201 P13 - 46	n/c	
A-201 P13 - 47	n/c	
A-201 P13 - 48	n/c	
A-201 P13 - 49	n/c	
A-201 P13 - 50	n/c	

Continued

Continued

<u>OUTPUT</u>	<u>FUNCTION</u>	<u>PUNCH BLOCK</u>
A-201 P14 - 01	n/c	
A-201 P14 - 02	n/c	
A-201 P14 - 03	n/c	
A-201 P14 - 04	n/c	
A-201 P14 - 05	n/c	
A-201 P14 - 06	n/c	
A-201 P14 - 07	n/c	
A-201 P14 - 08	n/c	
A-201 P14 - 09	n/c	
A-201 P14 - 10	n/c	
A-201 P14 - 11	n/c	
A-201 P14 - 12	n/c	
A-201 P14 - 13	n/c	
A-201 P14 - 14	n/c	
A-201 P14 - 15	n/c	
A-201 P14 - 16	n/c	
A-201 P14 - 17	n/c	
A-201 P14 - 18	n/c	
A-201 P14 - 19	n/c	
A-201 P14 - 20	n/c	
A-201 P14 - 21	n/c	
A-201 P14 - 22	n/c	
A-201 P14 - 23	n/c	
A-201 P14 - 24	n/c	
A-201 P14 - 25	n/c	
A-201 P14 - 26	n/c	
A-201 P14 - 27	n/c	
A-201 P14 - 28	n/c	
A-201 P14 - 29	n/c	
A-201 P14 - 30	n/c	
A-201 P14 - 31	n/c	
A-201 P14 - 32	n/c	
A-201 P14 - 33	n/c	
A-201 P14 - 34	n/c	
A-201 P14 - 35	n/c	
A-201 14 - 36	n/c	
A-201 14 - 37	n/c	
A-201 14 - 38	n/c	
A-201 P14 - 39	n/c	
A-201 P14 - 40	n/c	
A-201 P14 - 41	n/c	
A-201 P14 - 42	n/c	
A-201 P14 - 43	n/c	
A-201 P14 - 44	n/c	
A-201 P14 - 45	n/c	
A-201 P14 - 46	n/c	
A-201 P14 - 47	n/c	

Continued

Continued

<u>OUTPUT</u>	<u>FUNCTION</u>	<u>PUNCH BLOCK</u>
A-201 P14 - 48	n/c	
A-201 P14 - 49	n/c	
A-201 P14 - 50	n/c	

Continued

FUNCTION LIST

ANALOG (SITES 1-4)/CROSS-CONNECT PANEL/FUNCTION LIST	
DATE: 03/27/90	
150D M S01 R	J31(30),J33(02);
150D M S01 T	J31(29),J33(01);
150D M S02 R	J31(38),J33(04);
150D M S02 T	J31(37),J33(03);
150D M S03 R	J31(14),J33(06);
150D M S03 T	J31(13),J33(05);
150D M S04 R	J32(46),J33(08);
150D M S04 T	J32(45),J33(07);
BSEL 01	J31(28),J34(01);
BSEL 02	J31(44),J34(02);
BSEL 03	J31(36),J34(03);
BSEL 04	J31(20),J34(04);
BSEL 05	J31(12),J34(05);
BSEL 06	J32(28),J34(06);
BSEL 07	J32(44),J34(07);
BSEL 08	J32(36),J34(08);
EQ OUT S01 CH01 R	J01(02),J26(02);
EQ OUT S01 CH01 T	J01(01),J26(01);
EQ OUT S01 CH02 R	J01(14),J26(06);
EQ OUT S01 CH02 T	J01(13),J26(05);
EQ OUT S01 CH03 R	J02(02),J26(10);
EQ OUT S01 CH03 T	J02(01),J26(09);
EQ OUT S01 CH04 R	J02(14),J26(14);
EQ OUT S01 CH04 T	J02(13),J26(13);
EQ OUT S01 CH05 R	J03(02),J26(18);
EQ OUT S01 CH05 T	J03(01),J26(17);

Continued

Continued

EQ OUT S01 CH06 R	J03(14),J26(22);
EQ OUT S01 CH06 T	J03(13),J26(21);
EQ OUT S01 CH07 R	J04(02),J26(26);
EQ OUT S01 CH07 T	J04(01),J26(25);
EQ OUT S01 CH08 R	J04(14),J26(30);
EQ OUT S01 CH08 T	J04(13),J26(29);
EQ OUT S01 CH09 R	J05(02),J26(34);
EQ OUT S01 CH09 T	J05(01),J26(33);
EQ OUT S01 CH10 R	J05(14),J26(38);
EQ OUT S01 CH10 T	J05(13),J26(37);
EQ OUT S01 CH11 R	J06(02),J26(04);
EQ OUT S01 CH11 T	J06(01),J26(03);
EQ OUT S01 CH12 R	J06(14),J26(08);
EQ OUT S01 CH12 T	J06(13),J26(07);
EQ OUT S01 CH13 R	J07(02),J26(12);
EQ OUT S01 CH13 T	J07(01),J26(11);
EQ OUT S01 CH14 R	J07(14),J26(16);
EQ OUT S01 CH14 T	J07(13),J26(15);
EQ OUT S01 CH15 R	J08(02),J26(20);
EQ OUT S01 CH15 T	J08(01),J26(19);
EQ OUT S01 CH16 R	J08(14),J26(24);
EQ OUT S01 CH16 T	J08(13),J26(23);
EQ OUT S01 CH17 R	J09(02),J26(28);
EQ OUT S01 CH17 T	J09(01),J26(27);
EQ OUT S01 CH18 R	J09(14),J26(32);
EQ OUT S01 CH18 T	J09(13),J26(31);
EQ OUT S01 CH19 R	J10(02),J26(36);

Continued

Continued

EQ OUT S01 CH19 T	J10(01),J26(35);
EQ OUT S01 CH20 R	J10(14),J26(40);
EQ OUT S01 CH20 T	J10(13),J26(39);
EQ OUT S01 CH21 R	J11(02),J31(32);
EQ OUT S01 CH21 T	J11(01),J31(31);
EQ OUT S01 CH22 R	J11(14),J31(34);
EQ OUT S01 CH22 T	J11(13),J31(33);
EQ OUT S01 CH23 R	J12(02),J31(46);
EQ OUT S01 CH23 T	J12(01),J31(45);
EQ OUT S01 CH24 R	J12(14),J31(48);
EQ OUT S01 CH24 T	J12(13),J31(47);
EQ OUT S01 CH25 R	J13(02),J31(50);
EQ OUT S01 CH25 T	J13(01),J31(49);
EQ OUT S02 CH01 R	J01(04),J27(02);
EQ OUT S02 CH01 T	J01(03),J27(01);
EQ OUT S02 CH02 R	J01(16),J27(06);
EQ OUT S02 CH02 T	J01(15),J27(05);
EQ OUT S02 CH03 R	J02(04),J27(10);
EQ OUT S02 CH03 T	J02(03),J27(09);
EQ OUT S02 CH04 R	J02(16),J27(14);
EQ OUT S02 CH04 T	J02(15),J27(13);
EQ OUT S02 CH05 R	J03(04),J27(18);
EQ OUT S02 CH05 T	J03(03),J27(17);
EQ OUT S02 CH06 R	J03(16),J27(22);
EQ OUT S02 CH06 T	J03(15),J27(21);
EQ OUT S02 CH07 R	J04(04),J27(26);
EQ OUT S02 CH07 T	J04(03),J27(25);

Continued

Continued

EQ OUT S02 CH08 R	J04(16),J27(30);
EQ OUT S02 CH08 T	J04(15),J27(29);
EQ OUT S02 CH09 R	J05(04),J27(34);
EQ OUT S02 CH09 T	J05(03),J27(33);
EQ OUT S02 CH10 R	J05(16),J27(38);
EQ OUT S02 CH10 T	J05(15),J27(37);
EQ OUT S02 CH11 R	J06(04),J27(04);
EQ OUT S02 CH11 T	J06(03),J27(03);
EQ OUT S02 CH12 R	J06(16),J27(08);
EQ OUT S02 CH12 T	J06(15),J27(07);
EQ OUT S02 CH13 R	J07(04),J27(12);
EQ OUT S02 CH13 T	J07(03),J27(11);
EQ OUT S02 CH14 R	J07(16),J27(16);
EQ OUT S02 CH14 T	J07(15),J27(15);
EQ OUT S02 CH15 R	J08(04),J27(20);
EQ OUT S02 CH15 T	J08(03),J27(19);
EQ OUT S02 CH16 R	J08(16),J27(24);
EQ OUT S02 CH16 T	J08(15),J27(23);
EQ OUT S02 CH17 R	J09(04),J27(28);
EQ OUT S02 CH17 T	J09(03),J27(27);
EQ OUT S02 CH18 R	J09(16),J27(32);
EQ OUT S02 CH18 T	J09(15),J27(31);
EQ OUT S02 CH19 R	J10(04),J27(36);
EQ OUT S02 CH19 T	J10(03),J27(35);
EQ OUT S02 CH20 R	J10(16),J27(40);
EQ OUT S02 CH20 T	J10(15),J27(39);
EQ OUT S02 CH21 R	J11(04),J31(40);

Continued

Continued

EQ OUT S02 CH21 T	J11(03),J31(39);
EQ OUT S02 CH22 R	J11(16),J31(42);
EQ OUT S02 CH22 T	J11(15),J31(41);
EQ OUT S02 CH23 R	J12(04),J31(22);
EQ OUT S02 CH23 T	J12(03),J31(21);
EQ OUT S02 CH24 R	J12(16),J31(24);
EQ OUT S02 CH24 T	J12(15),J31(23);
EQ OUT S02 CH25 R	J13(04),J31(26);
EQ OUT S02 CH25 T	J13(03),J31(25);
EQ OUT S03 CH01 R	J01(06),J28(02);
EQ OUT S03 CH01 T	J01(05),J28(01);
EQ OUT S03 CH02 R	J01(18),J28(06);
EQ OUT S03 CH02 T	J01(17),J28(05);
EQ OUT S03 CH03 R	J02(06),J28(10);
EQ OUT S03 CH03 T	J02(05),J28(09);
EQ OUT S03 CH04 R	J02(18),J28(14);
EQ OUT S03 CH04 T	J02(17),J28(13);
EQ OUT S03 CH05 R	J03(06),J28(18);
EQ OUT S03 CH05 T	J03(05),J28(17);
EQ OUT S03 CH06 R	J03(18),J28(22);
EQ OUT S03 CH06 T	J03(17),J28(21);
EQ OUT S03 CH07 R	J04(06),J28(26);
EQ OUT S03 CH07 T	J04(05),J28(25);
EQ OUT S03 CH08 R	J04(18),J28(30);
EQ OUT S03 CH08 T	J04(17),J28(29);
EQ OUT S03 CH09 R	J05(06),J28(34);
EQ OUT S03 CH09 T	J05(05),J28(33);

Continued

Continued

EQ OUT S03 CH10 R	J05(18),J28(38);
EQ OUT S03 CH10 T	J05(17),J28(37);
EQ OUT S03 CH11 R	J06(06),J28(04);
EQ OUT S03 CH11 T	J06(05),J28(03);
EQ OUT S03 CH12 R	J06(18),J28(08);
EQ OUT S03 CH12 T	J06(17),J28(07);
EQ OUT S03 CH13 R	J07(06),J28(12);
EQ OUT S03 CH13 T	J07(05),J28(11);
EQ OUT S03 CH14 R	J07(18),J28(16);
EQ OUT S03 CH14 T	J07(17),J28(15);
EQ OUT S03 CH15 R	J08(06),J28(20);
EQ OUT S03 CH15 T	J08(05),J28(19);
EQ OUT S03 CH16 R	J08(18),J28(24);
EQ OUT S03 CH16 T	J08(17),J28(23);
EQ OUT S03 CH17 R	J09(06),J28(28);
EQ OUT S03 CH17 T	J09(05),J28(27);
EQ OUT S03 CH18 R	J09(18),J28(32);
EQ OUT S03 CH18 T	J09(17),J28(31);
EQ OUT S03 CH19 R	J10(06),J28(36);
EQ OUT S03 CH19 T	J10(05),J28(35);
EQ OUT S03 CH20 R	J10(18),J28(40);
EQ OUT S03 CH20 T	J10(17),J28(39);
EQ OUT S03 CH21 R	J11(06),J31(16);
EQ OUT S03 CH21 T	J11(05),J31(15);
EQ OUT S03 CH22 R	J11(18),J31(18);
EQ OUT S03 CH22 T	J11(17),J31(17);
EQ OUT S03 CH23 R	J12(06),J32(30);

Continued

Continued

EQ OUT S03 CH23 T	J12(05),J32(29);
EQ OUT S03 CH24 R	J12(18),J32(32);
EQ OUT S03 CH24 T	J12(17),J32(31);
EQ OUT S03 CH25 R	J13(06),J32(34);
EQ OUT S03 CH25 T	J13(05),J32(33);
EQ OUT S04 CH01 R	J01(08),J29(02);
EQ OUT S04 CH01 T	J01(07),J29(01);
EQ OUT S04 CH02 R	J01(20),J29(06);
EQ OUT S04 CH02 T	J01(19),J29(05);
EQ OUT S04 CH03 R	J02(08),J29(10);
EQ OUT S04 CH03 T	J02(07),J29(09);
EQ OUT S04 CH04 R	J02(20),J29(14);
EQ OUT S04 CH04 T	J02(19),J29(13);
EQ OUT S04 CH05 R	J03(08),J29(18);
EQ OUT S04 CH05 T	J03(07),J29(17);
EQ OUT S04 CH06 R	J03(20),J29(22);
EQ OUT S04 CH06 T	J03(19),J29(21);
EQ OUT S04 CH07 R	J04(08),J29(26);
EQ OUT S04 CH07 T	J04(07),J29(25);
EQ OUT S04 CH08 R	J04(20),J29(30);
EQ OUT S04 CH08 T	J04(19),J29(29);
EQ OUT S04 CH09 R	J05(08),J29(34);
EQ OUT S04 CH09 T	J05(07),J29(33);
EQ OUT S04 CH10 R	J05(20),J29(38);
EQ OUT S04 CH10 T	J05(19),J29(37);
EQ OUT S04 CH11 R	J06(08),J29(04);
EQ OUT S04 CH11 T	J06(07),J29(03);

Continued

Continued

EQ OUT S04 CH12 R	J06(20),J29(08);
EQ OUT S04 CH12 T	J06(19),J29(07);
EQ OUT S04 CH13 R	J07(08),J29(12);
EQ OUT S04 CH13 T	J07(07),J29(11);
EQ OUT S04 CH14 R	J07(20),J29(16);
EQ OUT S04 CH14 T	J07(19),J29(15);
EQ OUT S04 CH15 R	J08(08),J29(20);
EQ OUT S04 CH15 T	J08(07),J29(19);
EQ OUT S04 CH16 R	J08(20),J29(24);
EQ OUT S04 CH16 T	J08(19),J29(23);
EQ OUT S04 CH17 R	J09(08),J29(28);
EQ OUT S04 CH17 T	J09(07),J29(27);
EQ OUT S04 CH18 R	J09(20),J29(32);
EQ OUT S04 CH18 T	J09(19),J29(31);
EQ OUT S04 CH19 R	J10(08),J29(36);
EQ OUT S04 CH19 T	J10(07),J29(35);
EQ OUT S04 CH20 R	J10(20),J29(40);
EQ OUT S04 CH20 T	J10(19),J29(39);
EQ OUT S04 CH21 R	J11(08),J32(48);
EQ OUT S04 CH21 T	J11(07),J32(47);
EQ OUT S04 CH22 R	J11(20),J32(50);
EQ OUT S04 CH22 T	J11(19),J32(49);
EQ OUT S04 CH23 R	J12(08),J32(38);
EQ OUT S04 CH23 T	J12(07),J32(37);
EQ OUT S04 CH24 R	J12(20),J32(40);
EQ OUT S04 CH24 T	J12(19),J32(39);
EQ OUT S04 CH25 R	J13(08),J32(42);

Continued

Continued

EQ OUT S04 CH25 T	J13(07),J32(41);
GND	J31(11),J31(19),J31(27),J31(35), J31(43),J32(35),J32(43),J34(21), J34(22),J34(23),J34(24);

Continued

ANALOG (SITES 1-10)/CROSS-CONNECT PANEL/FUNCTION LIST DATE: 03/27/90	
150D M S01 R	J33(02),J41(30);
150D M S01 T	J33(01),J41(29);
150D M S02 R	J33(04),J41(38);
150D M S02 T	J33(03),J41(37);
150D M S03 R	J33(06),J41(14);
150D M S03 T	J33(05),J41(13);
150D M S04 R	J33(08),J42(46);
150D M S04 T	J33(07),J42(45);
150D M S05 R	J33(10),J42(22);
150D M S05 T	J33(09),J42(21);
150D M S06 R	J33(12),J48(30);
150D M S06 T	J33(11),J48(29);
150D M S07 R	J33(14),J48(38);
150D M S07 T	J33(13),J48(37);
150D M S08 R	J33(16),J48(14);
150D M S08 T	J33(15),J48(13);
150D M S09 R	J33(18),J49(46);
150D M S09 T	J33(17),J49(45);
150D M S10 R	J33(20),J49(22);
150D M S10 T	J33(19),J49(21);
BSEL 01	J34(01),J41(28);
BSEL 01A	J34(11),J48(28);
BSEL 02	J34(02),J41(44);
BSEL 02A	J34(12),J48(44);
BSEL 03	J34(03),J41(36);
BSEL 03A	J34(13),J48(36);

Continued

Continued

BSEL 04	J34(04),J41(20);
BSEL 04A	J34(14),J48(20);
BSEL 05	J34(05),J41(12);
BSEL 05A	J34(15),J48(12);
BSEL 06	J34(06),J42(28);
BSEL 06A	J34(16),J49(28);
BSEL 07	J34(07),J42(44);
BSEL 07A	J34(17),J49(44);
BSEL 08	J34(08),J42(36);
BSEL 08A	J34(18),J49(36);
BSEL 09	J34(09),J42(20);
BSEL 09A	J34(19),J49(20);
BSEL 10	J34(10),J42(12);
BSEL 10A	J34(20),J49(12);
EQ OUT S01 CH01 R	J01(02),J36(02);
EQ OUT S01 CH01 T	J01(01),J36(01);
EQ OUT S01 CH02 R	J02(02),J36(06);
EQ OUT S01 CH02 T	J02(01),J36(05);
EQ OUT S01 CH03 R	J03(02),J36(10);
EQ OUT S01 CH03 T	J03(01),J36(09);
EQ OUT S01 CH04 R	J04(02),J36(14);
EQ OUT S01 CH04 T	J04(01),J36(13);
EQ OUT S01 CH05 R	J05(02),J36(18);
EQ OUT S01 CH05 T	J05(01),J36(17);
EQ OUT S01 CH06 R	J06(02),J36(22);
EQ OUT S01 CH06 T	J06(01),J36(21);
EQ OUT S01 CH07 R	J07(02),J36(26);

Continued

Continued

EQ OUT S01 CH07 T	J07(01),J36(25);
EQ OUT S01 CH08 R	J08(02),J36(30);
EQ OUT S01 CH08 T	J08(01),J36(29);
EQ OUT S01 CH09 R	J09(02),J36(34);
EQ OUT S01 CH09 T	J09(01),J36(33);
EQ OUT S01 CH10 R	J10(02),J36(38);
EQ OUT S01 CH10 T	J10(01),J36(37);
EQ OUT S01 CH11 R	J11(02),J36(04);
EQ OUT S01 CH11 T	J11(01),J36(03);
EQ OUT S01 CH12 R	J12(02),J36(08);
EQ OUT S01 CH12 T	J12(01),J36(07);
EQ OUT S01 CH13 R	J13(02),J36(12);
EQ OUT S01 CH13 T	J13(01),J36(11);
EQ OUT S01 CH14 R	J14(02),J36(16);
EQ OUT S01 CH14 T	J14(01),J36(15);
EQ OUT S01 CH15 R	J15(02),J36(20);
EQ OUT S01 CH15 T	J15(01),J36(19);
EQ OUT S01 CH16 R	J16(02),J36(24);
EQ OUT S01 CH16 T	J16(01),J36(23);
EQ OUT S01 CH17 R	J17(02),J36(28);
EQ OUT S01 CH17 T	J17(01),J36(27);
EQ OUT S01 CH18 R	J18(02),J36(32);
EQ OUT S01 CH18 T	J18(01),J36(31);
EQ OUT S01 CH19 R	J19(02),J36(36);
EQ OUT S01 CH19 T	J19(01),J36(35);
EQ OUT S01 CH20 R	J20(02),J36(40);
EQ OUT S01 CH20 T	J20(01),J36(39);

Continued

Continued

EQ OUT S01 CH21 R	J21(02),J41(32);
EQ OUT S01 CH21 T	J21(01),J41(31);
EQ OUT S01 CH22 R	J22(02),J41(34);
EQ OUT S01 CH22 T	J22(01),J41(33);
EQ OUT S01 CH23 R	J23(02),J41(46);
EQ OUT S01 CH23 T	J23(01),J41(45);
EQ OUT S01 CH24 R	J24(02),J41(48);
EQ OUT S01 CH24 T	J24(01),J41(47);
EQ OUT S01 CH25 R	J25(02),J41(50);
EQ OUT S01 CH25 T	J25(01),J41(49);
EQ OUT S02 CH01 R	J01(04),J37(02);
EQ OUT S02 CH01 T	J01(03),J37(01);
EQ OUT S02 CH02 R	J02(04),J37(06);
EQ OUT S02 CH02 T	J02(03),J37(05);
EQ OUT S02 CH03 R	J03(04),J37(10);
EQ OUT S02 CH03 T	J03(03),J37(09);
EQ OUT S02 CH04 R	J04(04),J37(14);
EQ OUT S02 CH04 T	J04(03),J37(13);
EQ OUT S02 CH05 R	J05(04),J37(18);
EQ OUT S02 CH05 T	J05(03),J37(17);
EQ OUT S02 CH06 R	J06(04),J37(22);
EQ OUT S02 CH06 T	J06(03),J37(21);
EQ OUT S02 CH07 R	J07(04),J37(26);
EQ OUT S02 CH07 T	J07(03),J37(25);
EQ OUT S02 CH08 R	J08(04),J37(30);
EQ OUT S02 CH08 T	J08(03),J37(29);
EQ OUT S02 CH09 R	J09(04),J37(34);

Continued

Continued

EQ OUT S02 CH09 T	J09(03),J37(33);
EQ OUT S02 CH10 R	J10(04),J37(38);
EQ OUT S02 CH10 T	J10(03),J37(37);
EQ OUT S02 CH11 R	J11(04),J37(04);
EQ OUT S02 CH11 T	J11(03),J37(03);
EQ OUT S02 CH12 R	J12(04),J37(08);
EQ OUT S02 CH12 T	J12(03),J37(07);
EQ OUT S02 CH13 R	J13(04),J37(12);
EQ OUT S02 CH13 T	J13(03),J37(11);
EQ OUT S02 CH14 R	J14(04),J37(16);
EQ OUT S02 CH14 T	J14(03),J37(15);
EQ OUT S02 CH15 R	J15(04),J37(20);
EQ OUT S02 CH15 T	J15(03),J37(19);
EQ OUT S02 CH16 R	J16(04),J37(24);
EQ OUT S02 CH16 T	J16(03),J37(23);
EQ OUT S02 CH17 R	J17(04),J37(28);
EQ OUT S02 CH17 T	J17(03),J37(27);
EQ OUT S02 CH18 R	J18(04),J37(32);
EQ OUT S02 CH18 T	J18(03),J37(31);
EQ OUT S02 CH19 R	J19(04),J37(36);
EQ OUT S02 CH19 T	J19(03),J37(35);
EQ OUT S02 CH20 R	J20(04),J37(40);
EQ OUT S02 CH20 T	J20(03),J37(39);
EQ OUT S02 CH21 R	J21(04),J41(40);
EQ OUT S02 CH21 T	J21(03),J41(39);
EQ OUT S02 CH22 R	J22(04),J41(42);
EQ OUT S02 CH22 T	J22(03),J41(41);

Continued

Continued

EQ OUT S02 CH23 R	J23(04),J41(22);
EQ OUT S02 CH23 T	J23(03),J41(21);
EQ OUT S02 CH24 R	J24(04),J41(24);
EQ OUT S02 CH24 T	J24(03),J41(23);
EQ OUT S02 CH25 R	J25(04),J41(26);
EQ OUT S02 CH25 T	J25(03),J41(25);
EQ OUT S03 CH01 R	J01(06),J38(02);
EQ OUT S03 CH01 T	J01(05),J38(01);
EQ OUT S03 CH02 R	J02(06),J38(06);
EQ OUT S03 CH02 T	J02(05),J38(05);
EQ OUT S03 CH03 R	J03(06),J38(10);
EQ OUT S03 CH03 T	J03(05),J38(09);
EQ OUT S03 CH04 R	J04(06),J38(14);
EQ OUT S03 CH04 T	J04(05),J38(13);
EQ OUT S03 CH05 R	J05(06),J38(18);
EQ OUT S03 CH05 T	J05(05),J38(17);
EQ OUT S03 CH06 R	J06(06),J38(22);
EQ OUT S03 CH06 T	J06(05),J38(21);
EQ OUT S03 CH07 R	J07(06),J38(26);
EQ OUT S03 CH07 T	J07(05),J38(25);
EQ OUT S03 CH08 R	J08(06),J38(30);
EQ OUT S03 CH08 T	J08(05),J38(29);
EQ OUT S03 CH09 R	J09(06),J38(34);
EQ OUT S03 CH09 T	J09(05),J38(33);
EQ OUT S03 CH10 R	J10(06),J38(38);
EQ OUT S03 CH10 T	J10(05),J38(37);
EQ OUT S03 CH11 R	J11(06),J38(04);

Continued

Continued

EQ OUT S03 CH11 T	J11(05),J38(03);
EQ OUT S03 CH12 R	J12(06),J38(08);
EQ OUT S03 CH12 T	J12(05),J38(07);
EQ OUT S03 CH13 R	J13(06),J38(12);
EQ OUT S03 CH13 T	J13(05),J38(11);
EQ OUT S03 CH14 R	J14(06),J38(16);
EQ OUT S03 CH14 T	J14(05),J38(15);
EQ OUT S03 CH15 R	J15(06),J38(20);
EQ OUT S03 CH15 T	J15(05),J38(19);
EQ OUT S03 CH16 R	J16(06),J38(24);
EQ OUT S03 CH16 T	J16(05),J38(23);
EQ OUT S03 CH17 R	J17(06),J38(28);
EQ OUT S03 CH17 T	J17(05),J38(27);
EQ OUT S03 CH18 R	J18(06),J38(32);
EQ OUT S03 CH18 T	J18(05),J38(31);
EQ OUT S03 CH19 R	J19(06),J38(36);
EQ OUT S03 CH19 T	J19(05),J38(35);
EQ OUT S03 CH20 R	J20(06),J38(40);
EQ OUT S03 CH20 T	J20(05),J38(39);
EQ OUT S03 CH21 R	J21(06),J41(16);
EQ OUT S03 CH21 T	J21(05),J41(15);
EQ OUT S03 CH22 R	J22(06),J41(18);
EQ OUT S03 CH22 T	J22(05),J41(17);
EQ OUT S03 CH23 R	J23(06),J42(30);
EQ OUT S03 CH23 T	J23(05),J42(29);
EQ OUT S03 CH24 R	J24(06),J42(32);
EQ OUT S03 CH24 T	J24(05),J42(31);

Continued

Continued

EQ OUT S03 CH25 R	J25(06),J42(34);
EQ OUT S03 CH25 T	J25(05),J42(33);
EQ OUT S04 CH01 R	J01(08),J39(02);
EQ OUT S04 CH01 T	J01(07),J39(01);
EQ OUT S04 CH02 R	J02(08),J39(06);
EQ OUT S04 CH02 T	J02(07),J39(05);
EQ OUT S04 CH03 R	J03(08),J39(10);
EQ OUT S04 CH03 T	J03(07),J39(09);
EQ OUT S04 CH04 R	J04(08),J39(14);
EQ OUT S04 CH04 T	J04(07),J39(13);
EQ OUT S04 CH05 R	J05(08),J39(18);
EQ OUT S04 CH05 T	J05(07),J39(17);
EQ OUT S04 CH06 R	J06(08),J39(22);
EQ OUT S04 CH06 T	J06(07),J39(21);
EQ OUT S04 CH07 R	J07(08),J39(26);
EQ OUT S04 CH07 T	J07(07),J39(25);
EQ OUT S04 CH08 R	J08(08),J39(30);
EQ OUT S04 CH08 T	J08(07),J39(29);
EQ OUT S04 CH09 R	J09(08),J39(34);
EQ OUT S04 CH09 T	J09(07),J39(33);
EQ OUT S04 CH10 R	J10(08),J39(38);
EQ OUT S04 CH10 T	J10(07),J39(37);
EQ OUT S04 CH11 R	J11(08),J39(04);
EQ OUT S04 CH11 T	J11(07),J39(03);
EQ OUT S04 CH12 R	J12(08),J39(08);
EQ OUT S04 CH12 T	J12(07),J39(07);
EQ OUT S04 CH13 R	J13(08),J39(12);

Continued

Continued

EQ OUT S04 CH13 T	J13(07),J39(11);
EQ OUT S04 CH14 R	J14(08),J39(16);
EQ OUT S04 CH14 T	J14(07),J39(15);
EQ OUT S04 CH15 R	J15(08),J39(20);
EQ OUT S04 CH15 T	J15(07),J39(19);
EQ OUT S04 CH16 R	J16(08),J39(24);
EQ OUT S04 CH16 T	J16(07),J39(23);
EQ OUT S04 CH17 R	J17(08),J39(28);
EQ OUT S04 CH17 T	J17(07),J39(27);
EQ OUT S04 CH18 R	J18(08),J39(32);
EQ OUT S04 CH18 T	J18(07),J39(31);
EQ OUT S04 CH19 R	J19(08),J39(36);
EQ OUT S04 CH19 T	J19(07),J39(35);
EQ OUT S04 CH20 R	J20(08),J39(40);
EQ OUT S04 CH20 T	J20(07),J39(39);
EQ OUT S04 CH21 R	J21(08),J42(48);
EQ OUT S04 CH21 T	J21(07),J42(47);
EQ OUT S04 CH22 R	J22(08),J42(50);
EQ OUT S04 CH22 T	J22(07),J42(49);
EQ OUT S04 CH23 R	J23(08),J42(38);
EQ OUT S04 CH23 T	J23(07),J42(37);
EQ OUT S04 CH24 R	J24(08),J42(40);
EQ OUT S04 CH24 T	J24(07),J42(39);
EQ OUT S04 CH25 R	J25(08),J42(42);
EQ OUT S04 CH25 T	J25(07),J42(41);
EQ OUT S05 CH01 R	J01(10),J40(02);
EQ OUT S05 CH01 T	J01(09),J40(01);

Continued

Continued

EQ OUT S05 CH02 R	J02(10),J40(06);
EQ OUT S05 CH02 T	J02(09),J40(05);
EQ OUT S05 CH03 R	J03(10),J40(10);
EQ OUT S05 CH03 T	J03(09),J40(09);
EQ OUT S05 CH04 R	J04(10),J40(14);
EQ OUT S05 CH04 T	J04(09),J40(13);
EQ OUT S05 CH05 R	J05(10),J40(18);
EQ OUT S05 CH05 T	J05(09),J40(17);
EQ OUT S05 CH06 R	J06(10),J40(22);
EQ OUT S05 CH06 T	J06(09),J40(21);
EQ OUT S05 CH07 R	J07(10),J40(26);
EQ OUT S05 CH07 T	J07(09),J40(25);
EQ OUT S05 CH08 R	J08(10),J40(30);
EQ OUT S05 CH08 T	J08(09),J40(29);
EQ OUT S05 CH09 R	J09(10),J40(34);
EQ OUT S05 CH09 T	J09(09),J40(33);
EQ OUT S05 CH10 R	J10(10),J40(38);
EQ OUT S05 CH10 T	J10(09),J40(37);
EQ OUT S05 CH11 R	J11(10),J40(04);
EQ OUT S05 CH11 T	J11(09),J40(03);
EQ OUT S05 CH12 R	J12(10),J40(08);
EQ OUT S05 CH12 T	J12(09),J40(07);
EQ OUT S05 CH13 R	J13(10),J40(12);
EQ OUT S05 CH13 T	J13(09),J40(11);
EQ OUT S05 CH14 R	J14(10),J40(16);
EQ OUT S05 CH14 T	J14(09),J40(15);
EQ OUT S05 CH15 R	J15(10),J40(20);

Continued

Continued

EQ OUT S05 CH15 T	J15(09),J40(19);
EQ OUT S05 CH16 R	J16(10),J40(24);
EQ OUT S05 CH16 T	J16(09),J40(23);
EQ OUT S05 CH17 R	J17(10),J40(28);
EQ OUT S05 CH17 T	J17(09),J40(27);
EQ OUT S05 CH18 R	J18(10),J40(32);
EQ OUT S05 CH18 T	J18(09),J40(31);
EQ OUT S05 CH19 R	J19(10),J40(36);
EQ OUT S05 CH19 T	J19(09),J40(35);
EQ OUT S05 CH20 R	J20(10),J40(40);
EQ OUT S05 CH20 T	J20(09),J40(39);
EQ OUT S05 CH21 R	J21(10),J42(24);
EQ OUT S05 CH21 T	J21(09),J42(23);
EQ OUT S05 CH22 R	J22(10),J42(26);
EQ OUT S05 CH22 T	J22(09),J42(25);
EQ OUT S05 CH23 R	J23(10),J42(14);
EQ OUT S05 CH23 T	J23(09),J42(13);
EQ OUT S05 CH24 R	J24(10),J42(16);
EQ OUT S05 CH24 T	J24(09),J42(15);
EQ OUT S05 CH25 R	J25(10),J42(18);
EQ OUT S05 CH25 T	J25(09),J42(17);
EQ OUT S06 CH01 R	J01(12),J43(02);
EQ OUT S06 CH01 T	J01(11),J43(01);
EQ OUT S06 CH02 R	J02(12),J43(06);
EQ OUT S06 CH02 T	J02(11),J43(05);
EQ OUT S06 CH03 R	J03(12),J43(10);
EQ OUT S06 CH03 T	J03(11),J43(09);

Continued

Continued

EQ OUT S06 CH04 R	J04(12),J43(14);
EQ OUT S06 CH04 T	J04(11),J43(13);
EQ OUT S06 CH05 R	J05(12),J43(18);
EQ OUT S06 CH05 T	J05(11),J43(17);
EQ OUT S06 CH06 R	J06(12),J43(22);
EQ OUT S06 CH06 T	J06(11),J43(21);
EQ OUT S06 CH07 R	J07(12),J43(26);
EQ OUT S06 CH07 T	J07(11),J43(25);
EQ OUT S06 CH08 R	J08(12),J43(30);
EQ OUT S06 CH08 T	J08(11),J43(29);
EQ OUT S06 CH09 R	J09(12),J43(34);
EQ OUT S06 CH09 T	J09(11),J43(33);
EQ OUT S06 CH10 R	J10(12),J43(38);
EQ OUT S06 CH10 T	J10(11),J43(37);
EQ OUT S06 CH11 R	J11(12),J43(04);
EQ OUT S06 CH11 T	J11(11),J43(03);
EQ OUT S06 CH12 R	J12(12),J43(08);
EQ OUT S06 CH12 T	J12(11),J43(07);
EQ OUT S06 CH13 R	J13(12),J43(12);
EQ OUT S06 CH13 T	J13(11),J43(11);
EQ OUT S06 CH14 R	J14(12),J43(16);
EQ OUT S06 CH14 T	J14(11),J43(15);
EQ OUT S06 CH15 R	J15(12),J43(20);
EQ OUT S06 CH15 T	J15(11),J43(19);
EQ OUT S06 CH16 R	J16(12),J43(24);
EQ OUT S06 CH16 T	J16(11),J43(23);
EQ OUT S06 CH17 R	J17(12),J43(28);

Continued

Continued

EQ OUT S06 CH17 T	J17(11),J43(27);
EQ OUT S06 CH18 R	J18(12),J43(32);
EQ OUT S06 CH18 T	J18(11),J43(31);
EQ OUT S06 CH19 R	J19(12),J43(36);
EQ OUT S06 CH19 T	J19(11),J43(35);
EQ OUT S06 CH20 R	J20(12),J43(40);
EQ OUT S06 CH20 T	J20(11),J43(39);
EQ OUT S06 CH21 R	J21(12),J48(32);
EQ OUT S06 CH21 T	J21(11),J48(31);
EQ OUT S06 CH22 R	J22(12),J48(34);
EQ OUT S06 CH22 T	J22(11),J48(33);
EQ OUT S06 CH23 R	J23(12),J48(46);
EQ OUT S06 CH23 T	J23(11),J48(45);
EQ OUT S06 CH24 R	J24(12),J48(48);
EQ OUT S06 CH24 T	J24(11),J48(47);
EQ OUT S06 CH25 R	J25(12),J48(50);
EQ OUT S06 CH25 T	J25(11),J48(49);
EQ OUT S07 CH01 R	J01(14),J44(02);
EQ OUT S07 CH01 T	J01(13),J44(01);
EQ OUT S07 CH02 R	J02(14),J44(06);
EQ OUT S07 CH02 T	J02(13),J44(05);
EQ OUT S07 CH03 R	J03(14),J44(10);
EQ OUT S07 CH03 T	J03(13),J44(09);
EQ OUT S07 CH04 R	J04(14),J44(14);
EQ OUT S07 CH04 T	J04(13),J44(13);
EQ OUT S07 CH05 R	J05(14),J44(18);
EQ OUT S07 CH05 T	J05(13),J44(17);

Continued

Continued

EQ OUT S07 CH06 R	J06(14),J44(22);
EQ OUT S07 CH06 T	J06(13),J44(21);
EQ OUT S07 CH07 R	J07(14),J44(26);
EQ OUT S07 CH07 T	J07(13),J44(25);
EQ OUT S07 CH08 R	J08(14),J44(30);
EQ OUT S07 CH08 T	J08(13),J44(29);
EQ OUT S07 CH09 R	J09(14),J44(34);
EQ OUT S07 CH09 T	J09(13),J44(33);
EQ OUT S07 CH10 R	J10(14),J44(38);
EQ OUT S07 CH10 T	J10(13),J44(37);
EQ OUT S07 CH11 R	J11(14),J44(04);
EQ OUT S07 CH11 T	J11(13),J44(03);
EQ OUT S07 CH12 R	J12(14),J44(08);
EQ OUT S07 CH12 T	J12(13),J44(07);
EQ OUT S07 CH13 R	J13(14),J44(12);
EQ OUT S07 CH13 T	J13(13),J44(11);
EQ OUT S07 CH14 R	J14(14),J44(16);
EQ OUT S07 CH14 T	J14(13),J44(15);
EQ OUT S07 CH15 R	J15(14),J44(20);
EQ OUT S07 CH15 T	J15(13),J44(19);
EQ OUT S07 CH16 R	J16(14),J44(24);
EQ OUT S07 CH16 T	J16(13),J44(23);
EQ OUT S07 CH17 R	J17(14),J44(28);
EQ OUT S07 CH17 T	J17(13),J44(27);
EQ OUT S07 CH18 R	J18(14),J44(32);
EQ OUT S07 CH18 T	J18(13),J44(31);
EQ OUT S07 CH19 R	J19(14),J44(36);

Continued

Continued

EQ OUT S07 CH19 T	J19(13),J44(35);
EQ OUT S07 CH20 R	J20(14),J44(40);
EQ OUT S07 CH20 T	J20(13),J44(39);
EQ OUT S07 CH21 R	J21(14),J48(40);
EQ OUT S07 CH21 T	J21(13),J48(39);
EQ OUT S07 CH22 R	J22(14),J48(42);
EQ OUT S07 CH22 T	J22(13),J48(41);
EQ OUT S07 CH23 R	J23(14),J48(22);
EQ OUT S07 CH23 T	J23(13),J48(21);
EQ OUT S07 CH24 R	J24(14),J48(24);
EQ OUT S07 CH24 T	J24(13),J48(23);
EQ OUT S07 CH25 R	J25(14),J48(26);
EQ OUT S07 CH25 T	J25(13),J48(25);
EQ OUT S08 CH01 R	J01(16),J45(02);
EQ OUT S08 CH01 T	J01(15),J45(01);
EQ OUT S08 CH02 R	J02(16),J45(06);
EQ OUT S08 CH02 T	J02(15),J45(05);
EQ OUT S08 CH03 R	J03(16),J45(10);
EQ OUT S08 CH03 T	J03(15),J45(09);
EQ OUT S08 CH04 R	J04(16),J45(14);
EQ OUT S08 CH04 T	J04(15),J45(13);
EQ OUT S08 CH05 R	J05(16),J45(18);
EQ OUT S08 CH05 T	J05(15),J45(17);
EQ OUT S08 CH06 R	J06(16),J45(22);
EQ OUT S08 CH06 T	J06(15),J45(21);
EQ OUT S08 CH07 R	J07(16),J45(26);
EQ OUT S08 CH07 T	J07(15),J45(25);

Continued

Continued

EQ OUT S08 CH08 R	J08(16),J45(30);
EQ OUT S08 CH08 T	J08(15),J45(29);
EQ OUT S08 CH09 R	J09(16),J45(34);
EQ OUT S08 CH09 T	J09(15),J45(33);
EQ OUT S08 CH10 R	J10(16),J45(38);
EQ OUT S08 CH10 T	J10(15),J45(37);
EQ OUT S08 CH11 R	J11(16),J45(04);
EQ OUT S08 CH11 T	J11(15),J45(03);
EQ OUT S08 CH12 R	J12(16),J45(08);
EQ OUT S08 CH12 T	J12(15),J45(07);
EQ OUT S08 CH13 R	J13(16),J45(12);
EQ OUT S08 CH13 T	J13(15),J45(11);
EQ OUT S08 CH14 R	J14(16),J45(16);
EQ OUT S08 CH14 T	J14(15),J45(15);
EQ OUT S08 CH15 R	J15(16),J45(20);
EQ OUT S08 CH15 T	J15(15),J45(19);
EQ OUT S08 CH16 R	J16(16),J45(24);
EQ OUT S08 CH16 T	J16(15),J45(23);
EQ OUT S08 CH17 R	J17(16),J45(28);
EQ OUT S08 CH17 T	J17(15),J45(27);
EQ OUT S08 CH18 R	J18(16),J45(32);
EQ OUT S08 CH18 T	J18(15),J45(31);
EQ OUT S08 CH19 R	J19(16),J45(36);
EQ OUT S08 CH19 T	J19(15),J45(35);
EQ OUT S08 CH20 R	J20(16),J45(40);
EQ OUT S08 CH20 T	J20(15),J45(39);
EQ OUT S08 CH21 R	J21(16),J48(16);

Continued

Continued

EQ OUT S08 CH21 T	J21(15),J48(15);
EQ OUT S08 CH22 R	J22(16),J48(18);
EQ OUT S08 CH22 T	J22(15),J48(17);
EQ OUT S08 CH23 R	J23(16),J49(30);
EQ OUT S08 CH23 T	J23(15),J49(29);
EQ OUT S08 CH24 R	J24(16),J49(32);
EQ OUT S08 CH24 T	J24(15),J49(31);
EQ OUT S08 CH25 R	J25(16),J49(34);
EQ OUT S08 CH25 T	J25(15),J49(33);
EQ OUT S09 CH01 R	J01(18),J46(02);
EQ OUT S09 CH01 T	J01(17),J46(01);
EQ OUT S09 CH02 R	J02(18),J46(06);
EQ OUT S09 CH02 T	J02(17),J46(05);
EQ OUT S09 CH03 R	J03(18),J46(10);
EQ OUT S09 CH03 T	J03(17),J46(09);
EQ OUT S09 CH04 R	J04(18),J46(14);
EQ OUT S09 CH04 T	J04(17),J46(13);
EQ OUT S09 CH05 R	J05(18),J46(18);
EQ OUT S09 CH05 T	J05(17),J46(17);
EQ OUT S09 CH06 R	J06(18),J46(22);
EQ OUT S09 CH06 T	J06(17),J46(21);
EQ OUT S09 CH07 R	J07(18),J46(26);
EQ OUT S09 CH07 T	J07(17),J46(25);
EQ OUT S09 CH08 R	J08(18),J46(30);
EQ OUT S09 CH08 T	J08(17),J46(29);
EQ OUT S09 CH09 R	J09(18),J46(34);
EQ OUT S09 CH09 T	J09(17),J46(33);

Continued

Continued

EQ OUT S09 CH10 R	J10(18),J46(38);
EQ OUT S09 CH10 T	J10(17),J46(37);
EQ OUT S09 CH11 R	J11(18),J46(04);
EQ OUT S09 CH11 T	J11(17),J46(03);
EQ OUT S09 CH12 R	J12(18),J46(08);
EQ OUT S09 CH12 T	J12(17),J46(07);
EQ OUT S09 CH13 R	J13(18),J46(12);
EQ OUT S09 CH13 T	J13(17),J46(11);
EQ OUT S09 CH14 R	J14(18),J46(16);
EQ OUT S09 CH14 T	J14(17),J46(15);
EQ OUT S09 CH15 R	J15(18),J46(20);
EQ OUT S09 CH15 T	J15(17),J46(19);
EQ OUT S09 CH16 R	J16(18),J46(24);
EQ OUT S09 CH16 T	J16(17),J46(23);
EQ OUT S09 CH17 R	J17(18),J46(28);
EQ OUT S09 CH17 T	J17(17),J46(27);
EQ OUT S09 CH18 R	J18(18),J46(32);
EQ OUT S09 CH18 T	J18(17),J46(31);
EQ OUT S09 CH19 R	J19(18),J46(36);
EQ OUT S09 CH19 T	J19(17),J46(35);
EQ OUT S09 CH20 R	J20(18),J46(40);
EQ OUT S09 CH20 T	J20(17),J46(39);
EQ OUT S09 CH21 R	J21(18),J49(48);
EQ OUT S09 CH21 T	J21(17),J49(47);
EQ OUT S09 CH22 R	J22(18),J49(50);
EQ OUT S09 CH22 T	J22(17),J49(49);
EQ OUT S09 CH23 R	J23(18),J49(38);

Continued

Continued

EQ OUT S09 CH23 T	J23(17),J49(37);
EQ OUT S09 CH24 R	J24(18),J49(40);
EQ OUT S09 CH24 T	J24(17),J49(39);
EQ OUT S09 CH25 R	J25(18),J49(42);
EQ OUT S09 CH25 T	J25(17),J49(41);
EQ OUT S10 CH01 R	J01(20),J47(02);
EQ OUT S10 CH01 T	J01(19),J47(01);
EQ OUT S10 CH02 R	J02(20),J47(06);
EQ OUT S10 CH02 T	J02(19),J47(05);
EQ OUT S10 CH03 R	J03(20),J47(10);
EQ OUT S10 CH03 T	J03(19),J47(09);
EQ OUT S10 CH04 R	J04(20),J47(14);
EQ OUT S10 CH04 T	J04(19),J47(13);
EQ OUT S10 CH05 R	J05(20),J47(18);
EQ OUT S10 CH05 T	J05(19),J47(17);
EQ OUT S10 CH06 R	J06(20),J47(22);
EQ OUT S10 CH06 T	J06(19),J47(21);
EQ OUT S10 CH07 R	J07(20),J47(26);
EQ OUT S10 CH07 T	J07(19),J47(25);
EQ OUT S10 CH08 R	J08(20),J47(30);
EQ OUT S10 CH08 T	J08(19),J47(29);
EQ OUT S10 CH09 R	J09(20),J47(34);
EQ OUT S10 CH09 T	J09(19),J47(33);
EQ OUT S10 CH10 R	J10(20),J47(38);
EQ OUT S10 CH10 T	J10(19),J47(37);
EQ OUT S10 CH11 R	J11(20),J47(04);
EQ OUT S10 CH11 T	J11(19),J47(03);

Continued

Continued

EQ OUT S10 CH12 R	J12(20),J47(08);
EQ OUT S10 CH12 T	J12(19),J47(07);
EQ OUT S10 CH13 R	J13(20),J47(12);
EQ OUT S10 CH13 T	J13(19),J47(11);
EQ OUT S10 CH14 R	J14(20),J47(16);
EQ OUT S10 CH14 T	J14(19),J47(15);
EQ OUT S10 CH15 R	J15(20),J47(20);
EQ OUT S10 CH15 T	J15(19),J47(19);
EQ OUT S10 CH16 R	J16(20),J47(24);
EQ OUT S10 CH16 T	J16(19),J47(23);
EQ OUT S10 CH17 R	J17(20),J47(28);
EQ OUT S10 CH17 T	J17(19),J47(27);
EQ OUT S10 CH18 R	J18(20),J47(32);
EQ OUT S10 CH18 T	J18(19),J47(31);
EQ OUT S10 CH19 R	J19(20),J47(36);
EQ OUT S10 CH19 T	J19(19),J47(35);
EQ OUT S10 CH20 R	J20(20),J47(40);
EQ OUT S10 CH20 T	J20(19),J47(39);
EQ OUT S10 CH21 R	J21(20),J49(24);
EQ OUT S10 CH21 T	J21(19),J49(23);
EQ OUT S10 CH22 R	J22(20),J49(26);
EQ OUT S10 CH22 T	J22(19),J49(25);
EQ OUT S10 CH23 R	J23(20),J49(14);
EQ OUT S10 CH23 T	J23(19),J49(13);
EQ OUT S10 CH24 R	J24(20),J49(16);
EQ OUT S10 CH24 T	J24(19),J49(15);
EQ OUT S10 CH25 R	J25(20),J49(18);

Continued

Continued

EQ OUT S10 CH25 TJ25(19),J49(17);

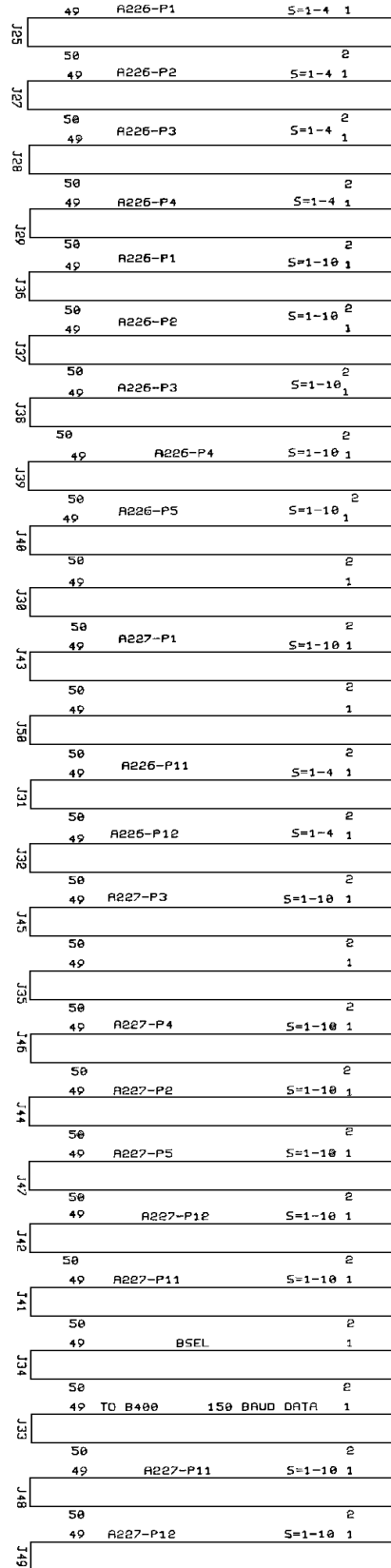
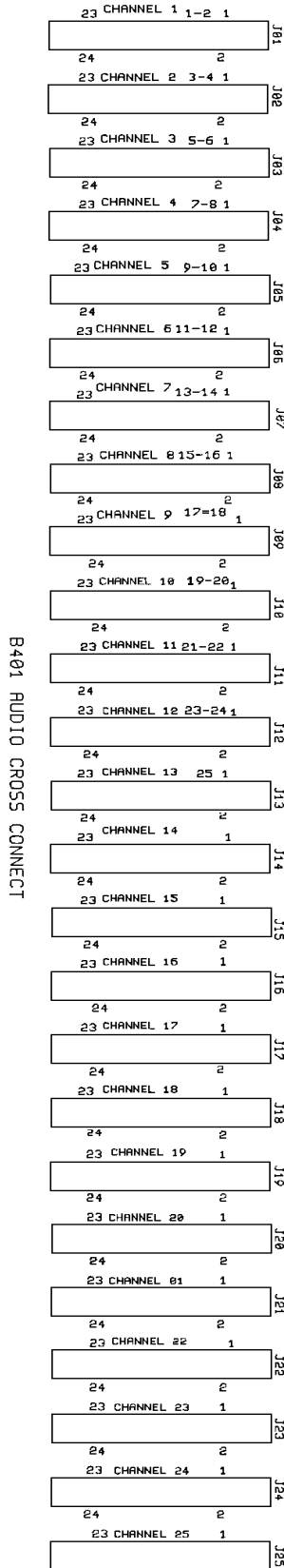
GND

J34(21),J34(22),J34(23),J34(24), J41(11),J41(19),J41(27),J41(35),
J41(43),J42(11),J42(19),J42(27), J42(35),J42(43),J48(11),J48(19),
J48(27),J48(35),J48(43),J49(11), J49(19),J49(27),J49(35),J49(43);

ANALOG CROSS CONNECT
19D902548G1
ISSUE 1

SYMBOL	PART NO.	DESCRIPTION
J1 thru J50		----- CONNECTORS ----- Printed wire; sim to AMP 0-499582-4.
3		----- MISCELLANEOUS ----- Latch; sim to AMP 102320-1.

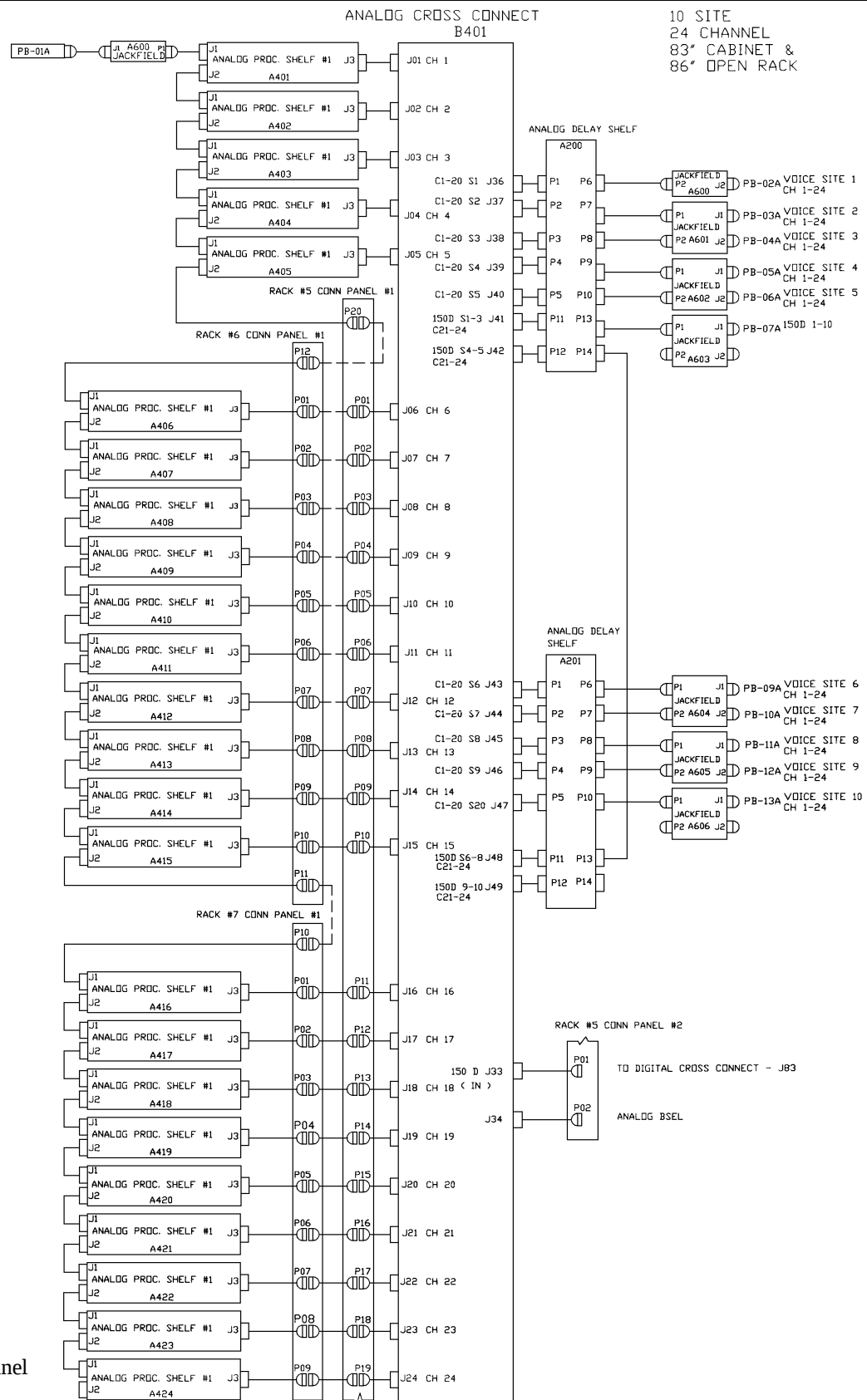
*COMPONENTS ADDED, DELETED OR CHANGED BY PRODUCTION CHANGES



REV. 19D90254861

OUTLINE DIAGRAM
Analog Cross-Connect Panel

(19D902548, Sh. 1, Rev. 4)



INTERCONNECT DIAGRAM

Analog Cross-Connect Panel

(19D904511, Sh. 3, Rev. 2)

Ericsson Inc.

Private Radio Systems
Mountain View Road
Lynchburg, Virginia 24502
1-800-528-7711 (Outside USA, 804-528-7711)

Printed in U.S.A.