MAINTENANCE MANUAL

INTRAPLEX MULTIPLEX CROSS CONNECT INTERFACE

TABLE OF CONTENTS

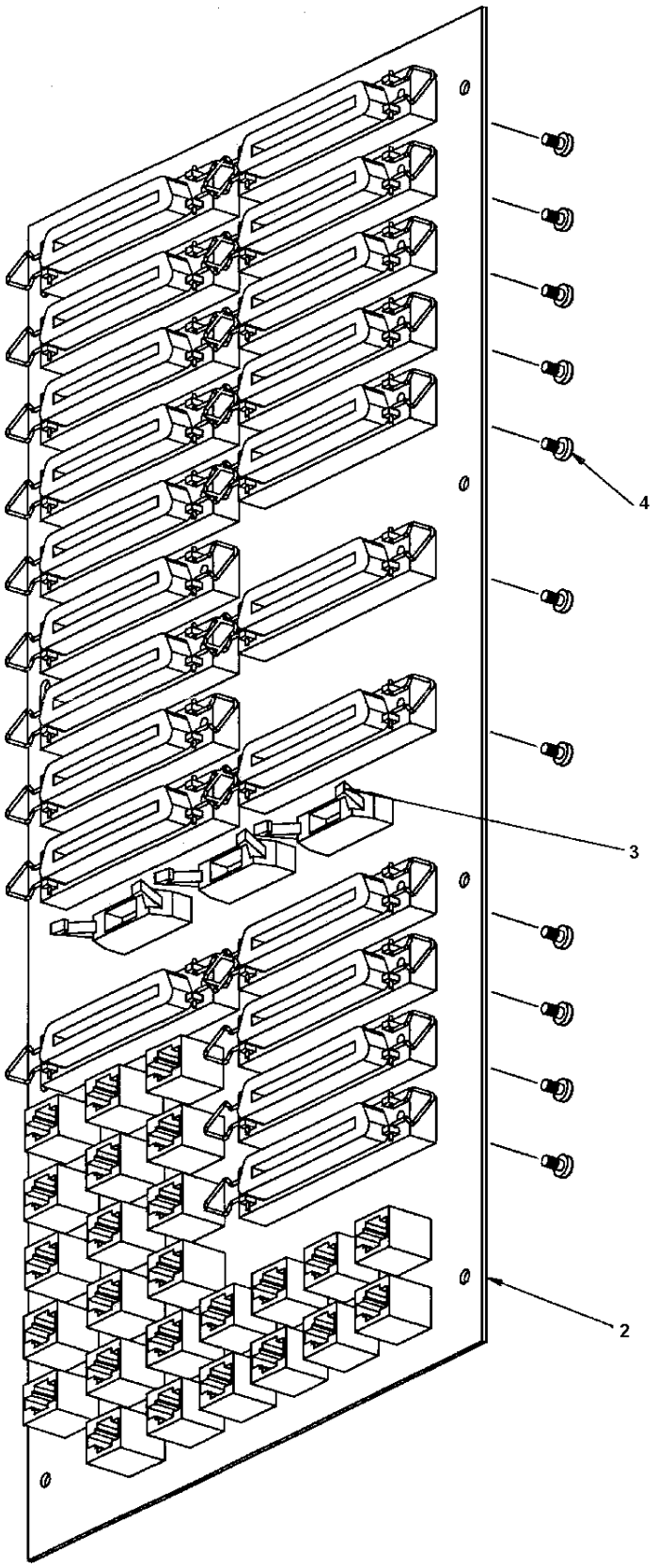
DESCRIPTION

The purpose of this manual is to serve as a reference document to define the interface between the Intraplex T1 Multiplex equipment and the Ericisson simulcast equipment at the Control Point, including a Control Point with a co-located Transmit Site.

This manual contains the the Assembly Diagram for the Multiplex Cross connect Panel, Interface Diagrams that describe the interface between the Intraplex Mux Cross connect Panel, the Intraplex Multiplexer (TDM-163), and the Control Point Cross connect Panel. Also included are the Jack Pin-Out Diagrams for the Intraplex Mux Cross connect Panel, including the Microwave Distribution Panel, Interface Panels, and Simulcast Control Equipment.

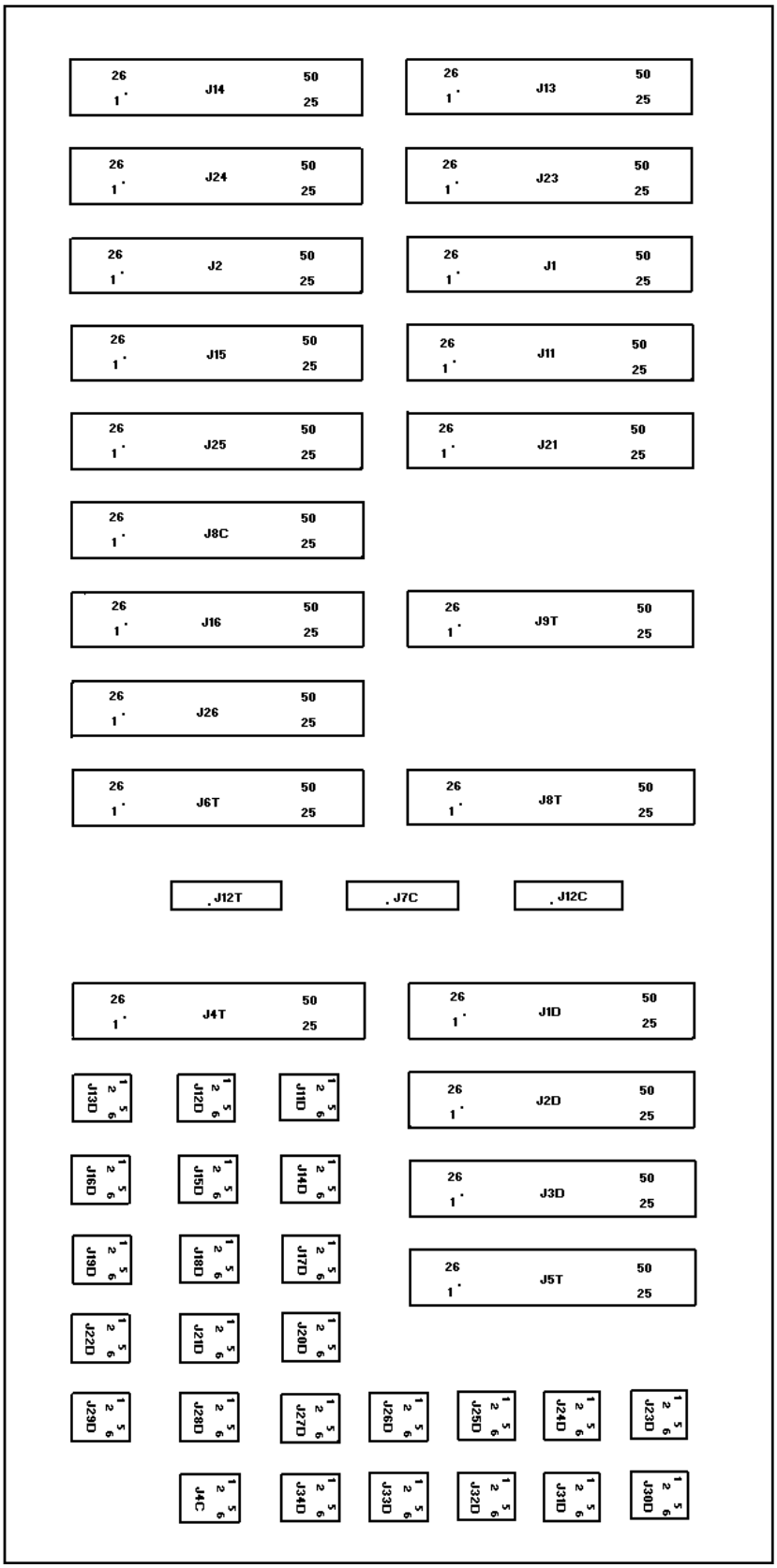
Jack Pin-Out Diagrams identify the function and name of the signal on each pin for all jacks on the cross connect panel.

ERICSSON



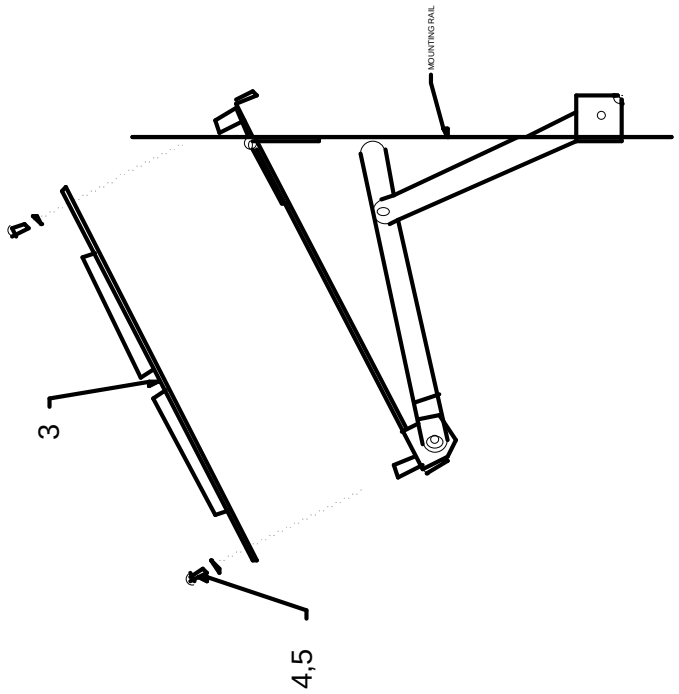
INTRAPLEX MULTIPLEX
CROSS CONNECT PANEL

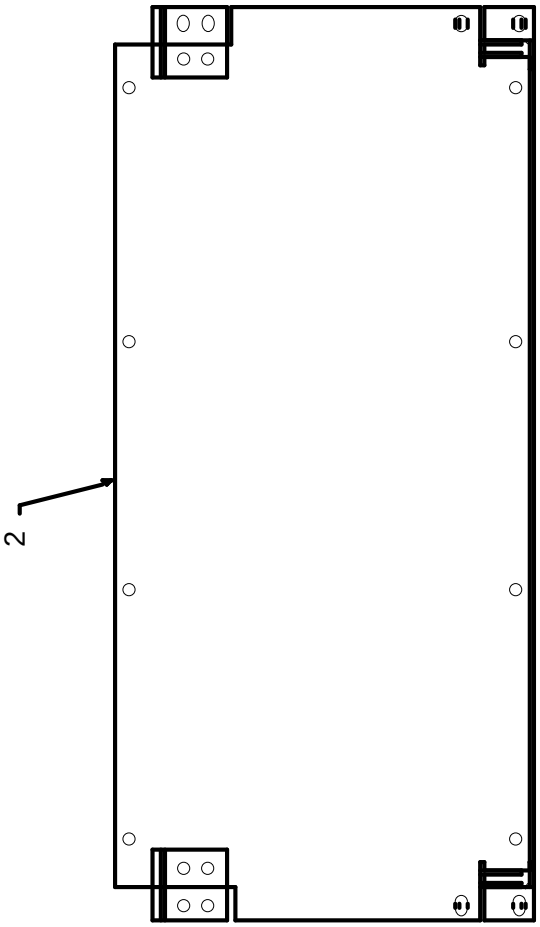
(1078 ROA 117 2213 Rev. 1)



INTRAPLEX MULITPLEX CROSS CONNECT

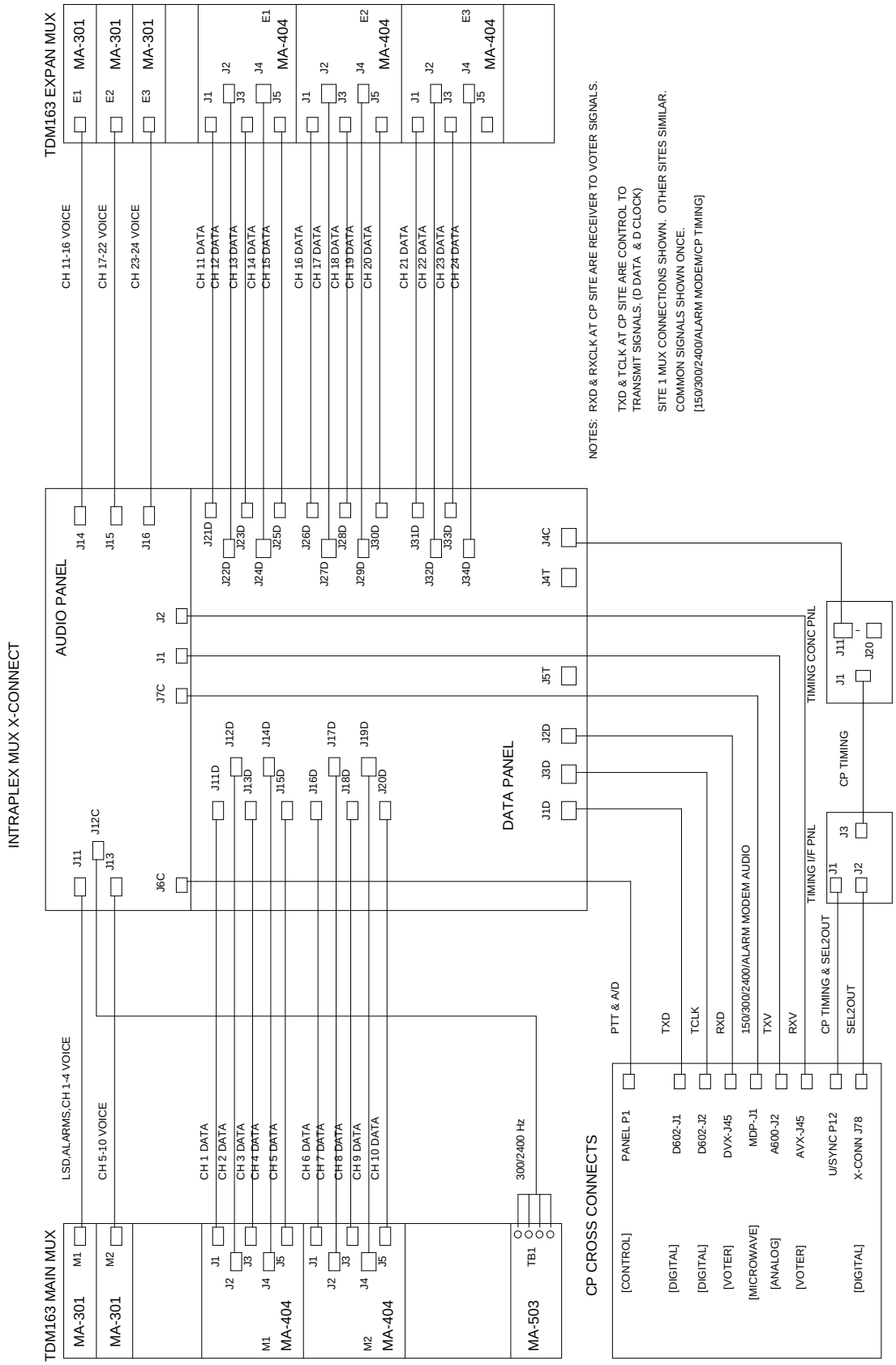
(1/1078 ROA 117 2213)





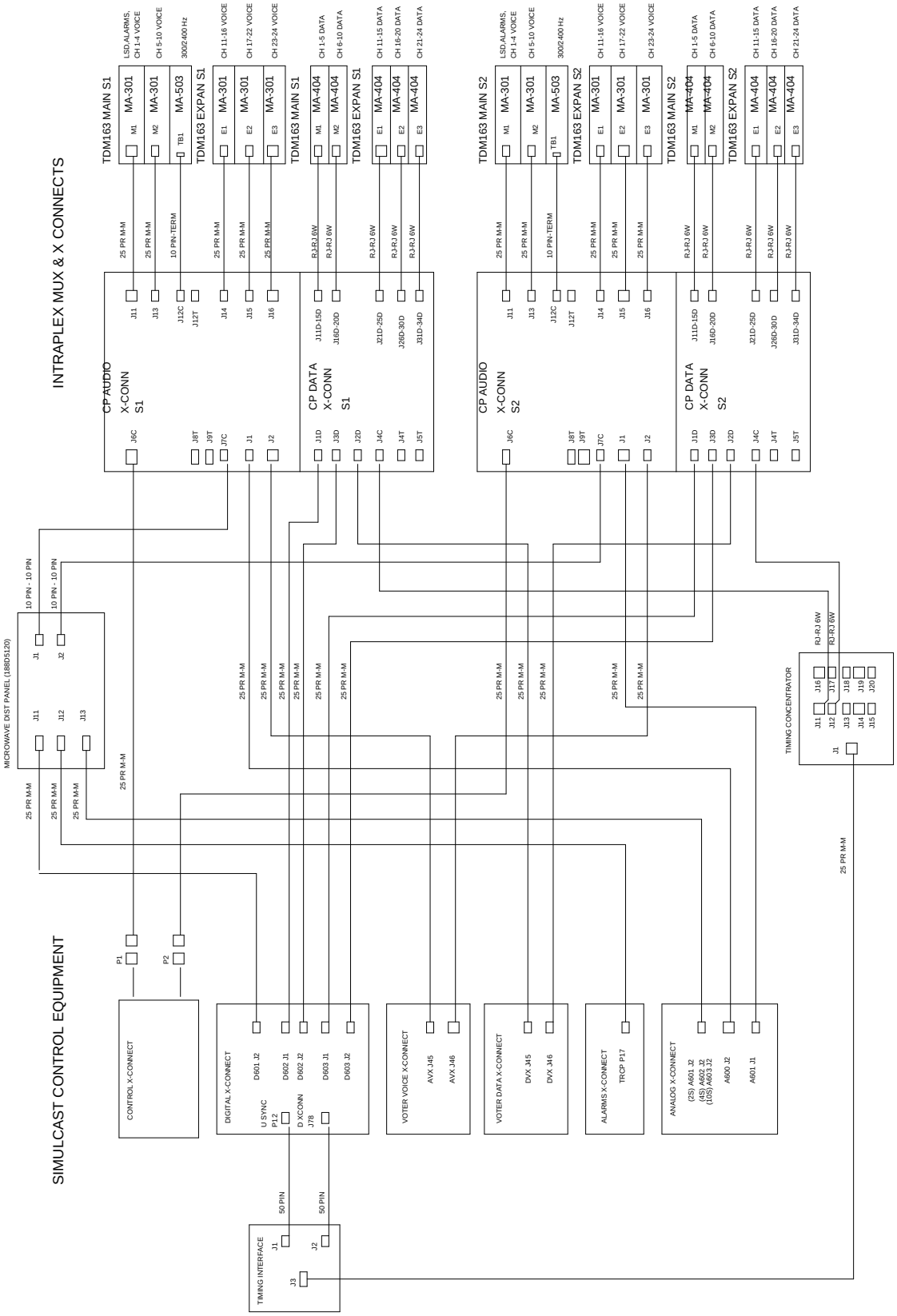
INTRAPLEX MULTIPLEX
CROSS CONNECT PANEL ASSEMBLY

(188D6225, Rev. 1A)



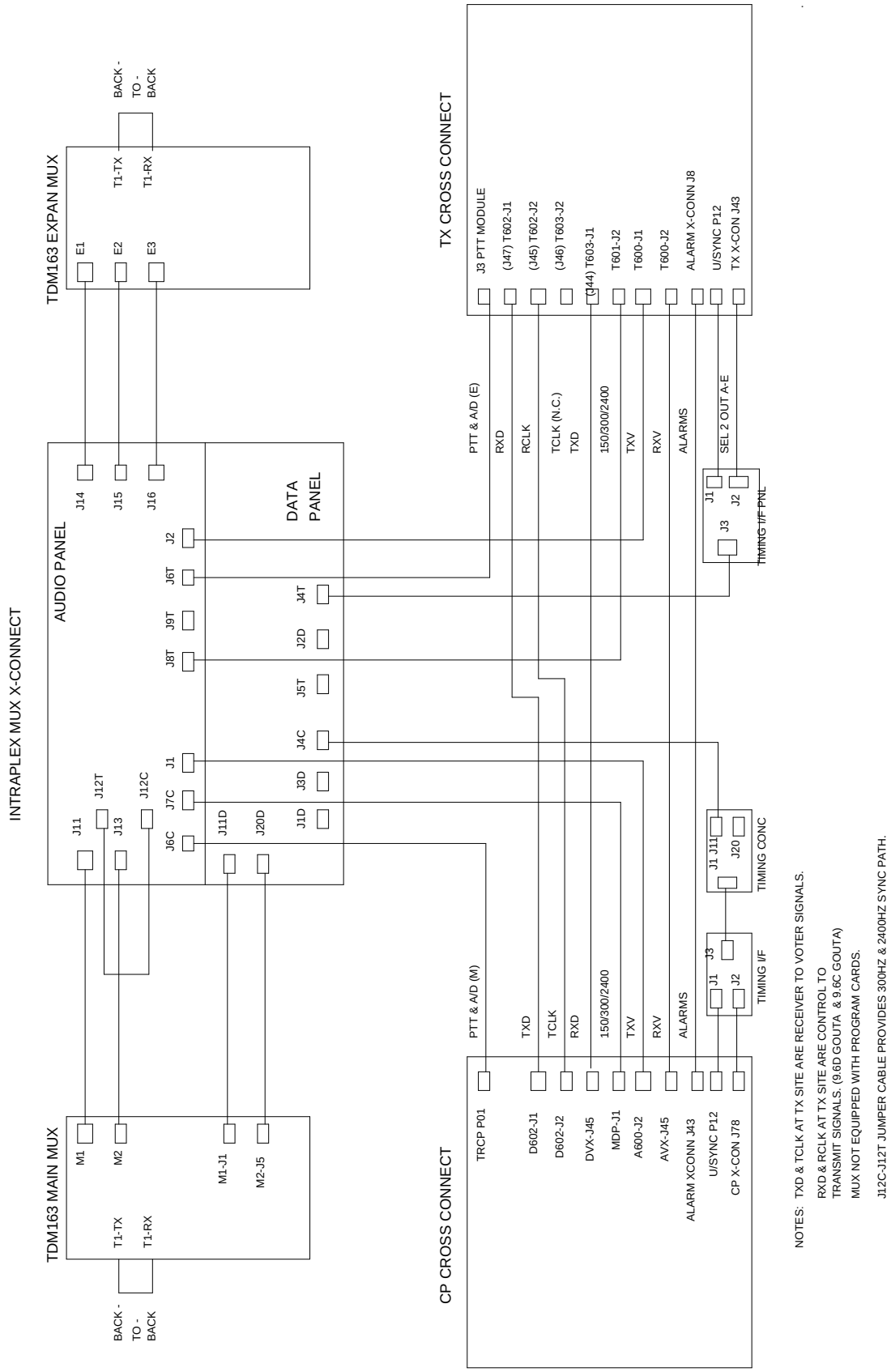
INTERFACE CABLING
TDM 163 MULTIPLEXER TO CROSS CONNECTS

(19C852615 Sh. 1 Rev. 1)



INTERFACE CABLING, 2-SITE
SIMULCAST CONTROL EQUIPMENT TO INTRAPLEX MUX & CROSS CONNECTS

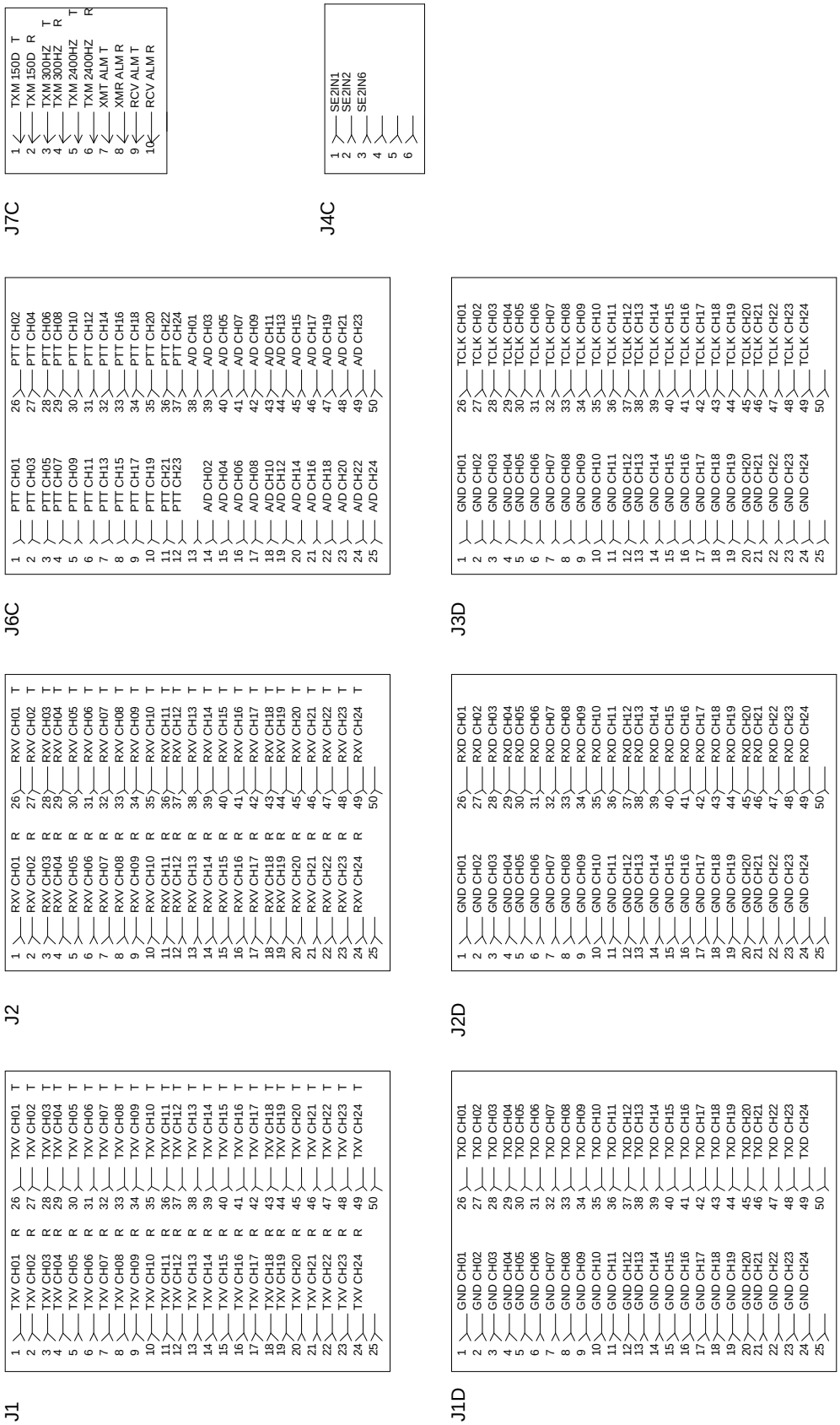
(19C852615 Sh. 3 Rev. 1)



NOTES: TXD & TCLK AT TX SITE ARE RECEIVER TO VOTER SIGNALS.
RXD & RCLK AT TX SITE ARE CONTROL TO TRANSMIT SIGNALS. (9.6D GOUTA & 9.6C GOUTA)
MUX NOT EQUIPPED WITH PROGRAM CARDS.
J12C-J12T JUMPER CABLE PROVIDES 300HZ & 2400HZ SYNC PATH.

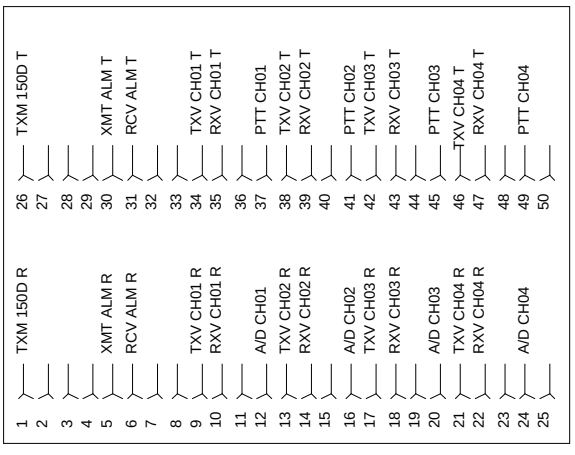
CO-LOCATED TX SITE INTERCONNECT CABLING TDM 163 MULTIPLEXER TO CROSS CONNECTS

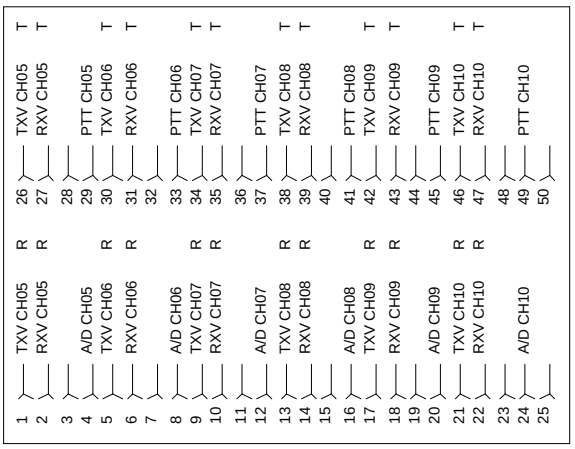
(19C852615 Sh. 4 Rev. 1)

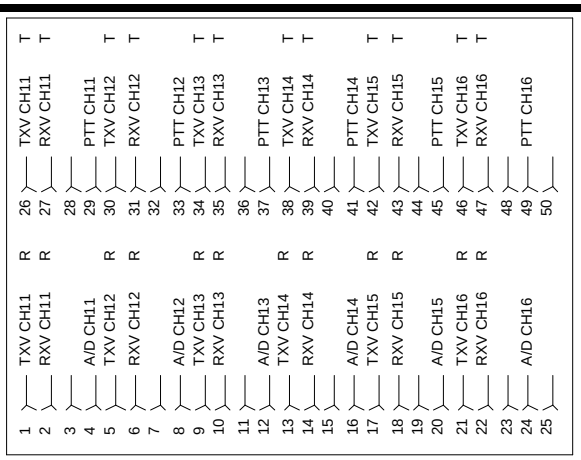


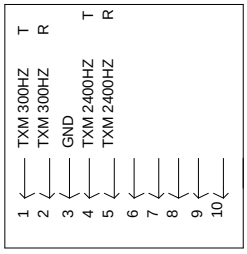
MULTIPLEXER CROSS CONNECT JACK PIN OUT DIAGRAM

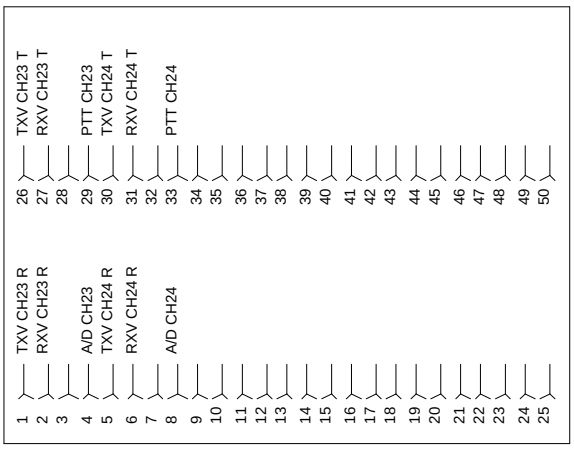
(19C852611 Sh. 1 Rev. 1)

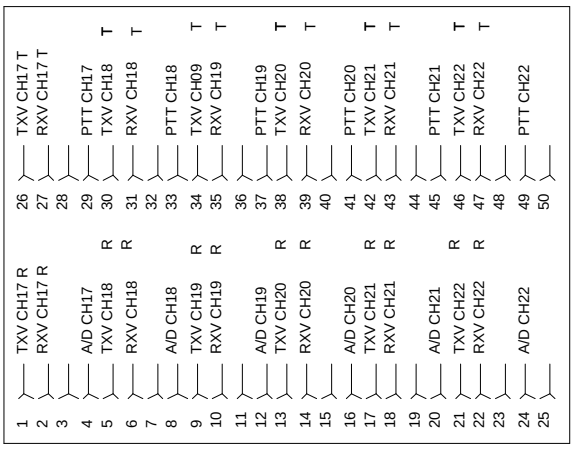






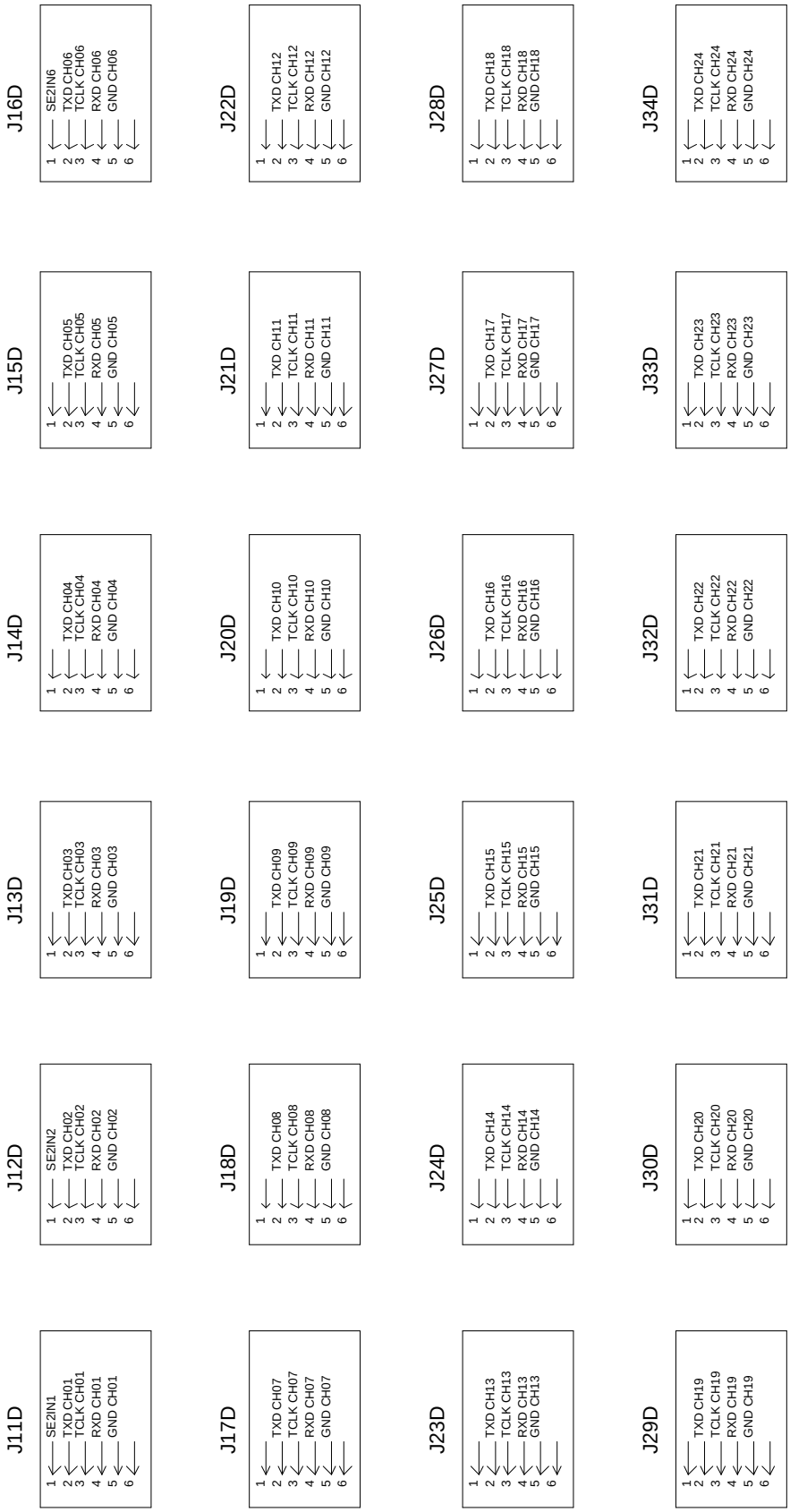






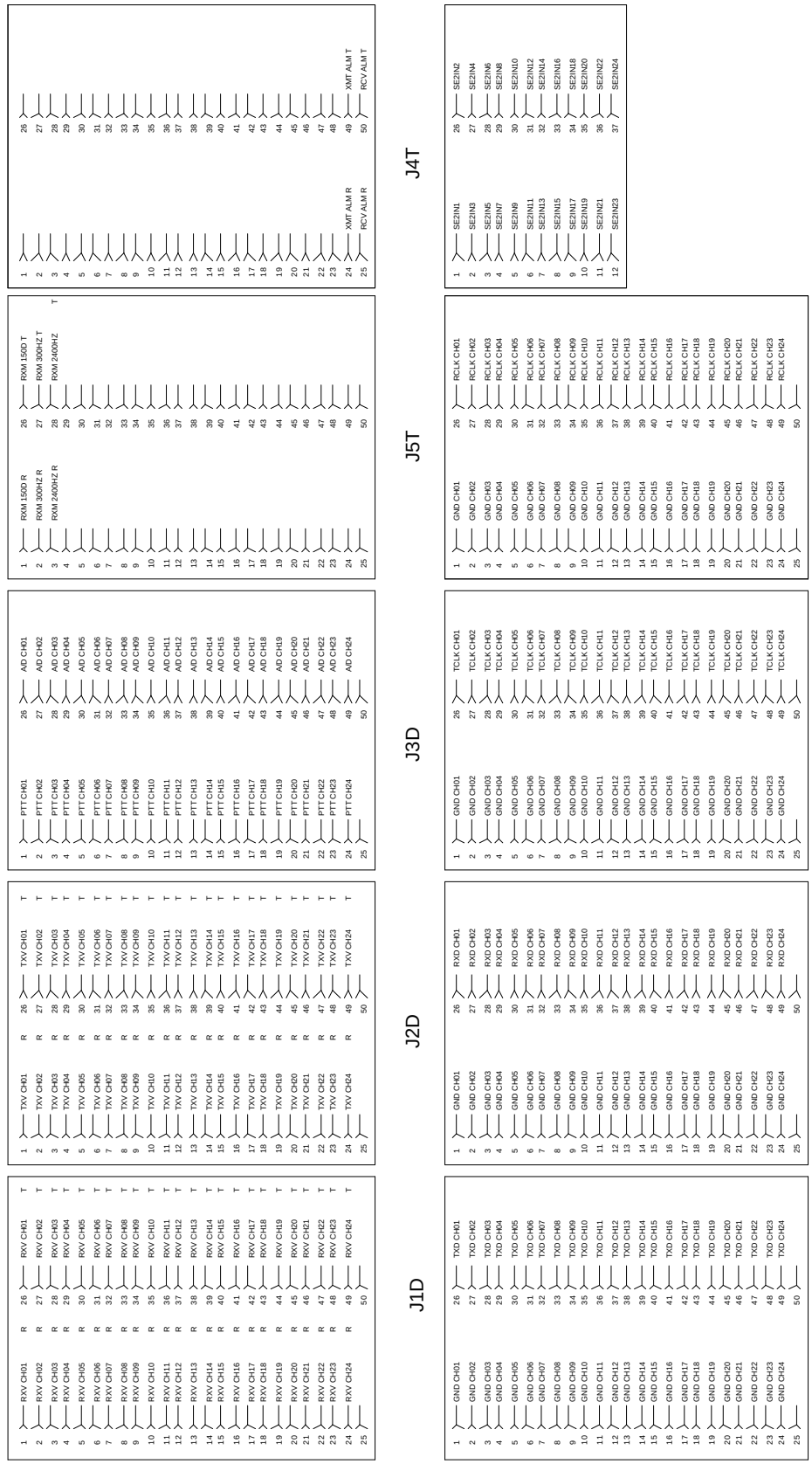
MULTIPLEXER CROSS CONNECT JACK PIN OUT DIAGRAM

(19C852611 Sh. 2 Rev. 1)



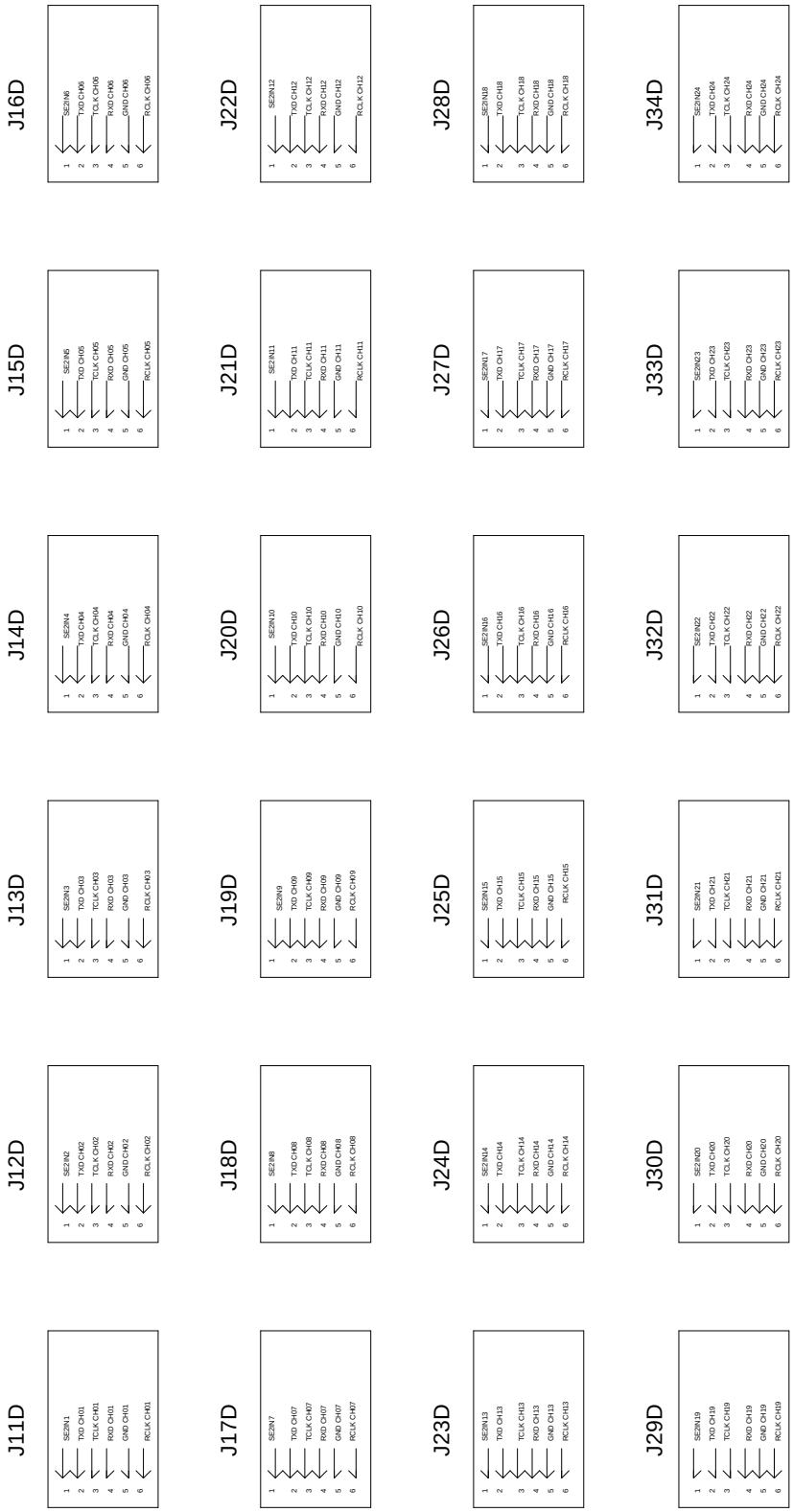
MULTIPLEXER CROSS CONNECT JACK PIN OUT DIAGRAM

(19C852611 Sh. 3 Rev. 1)



MULTIPLEXER CROSS CONNECT JACK PIN OUT DIAGRAM, TRANSMIT SITE

(19C852612 Sh. 1 Rev. 1)



MULTIPLEXER CROSS CONNECT JACK PIN OUT DIAGRAM, TRANSMIT SITE

(19C852612 Sh. 3, Rev. 1)