SVT HV Cable Labeling Scheme

Version Number: 1.1

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Input: SVT Flex Cable Labeling Scheme - August 99

Definitions:

Each Ladder has two transition cards attached to it, one to the East side and one to the West Side. All transition cars are located on the water manifolds. The HV cables running between transition card and HV interface board have unique lengths based on the distance between the water manifold and the ladder.

The lengths in the following tables are measured from the edge of the HV interface board on the ladder to the face of the connector that engages on the transition board.

Transition Card Labeling / HV cable lengths (Barrel 1, Layers 1/2):

Ladder	Transition Card Label	HV cable length
L01B1	TRDW01	7.0 in
	TRDE01	7.0 in
L02B1	TRDW02	8.0 in
	TRDE02	8.0 in
L03B1	TRUW05	8.0 in
	TRUE05	8.0 in
L04B1	TRDW07	8.0 in
	TRDE07	8.0 in
L05B1	TRDW10	7.0 in
	TRDE10	7.0 in
L06B1	TRDW11	8.0 in
	TRDE11	8.0 in
L07B1	TRUW14	8.0 in
	TRUE14	8.0 in
L08B1	TRDW16	8.0 in
	TRDE16	8.0 in

Table 1.

Transition Card Labeling / HV cable lengths (Barrel 2, Layers 3/4):

Ladder	**Transition Card Label**	**HV cable length**
L01B2	TRUW04	7.5 in
	TRUE04	7.5 in
L02B2	TRDW04	5.0 in
	TRDE04	5.0 in
L03B2	TRDW05	5.0 in
	TRDE05	5.0 in
L04B2	TRUW08	7.0 in
	TRUE08	7.0 in
L05B2	TRUW09	6.0 in
	TRUE09	6.0 in
L06B2	TRDW09	5.0 in
	TRDE09	5.0 in
L07B2	TRDW13	7.0 in
	TRDE13	7.0 in
L08B2	TRUW13	6.0 in
	TRUE13	6.0 in
L09B2	TRDW14	5.0 in
	TRDE14	5.0 in
L10B2	TRUW17	7.0 in
	TRUE17	7.0 in
L11B2	TRDW18	5.0 in
	TRDE18	5.0 in
L12B2	TRUW18	7.0 in
	TRUE18	7.0 in

Table 2.

Transition Card Labeling / HV cable lengths (Barrel 3, Layers 5/6):

Ladder	Transition Card Label	HV cable length
L01B3	TRUW01	4.5 in
	TRUE01	4.5 in
L02B3	TRUW02	4.5 in
	TRUE02	4.5 in
L03B3	TRUW03	4.5 in
	TRUE03	4.5 in
L04B3	TRDW03	7.0 in
	TRDE03	7.0 in
L05B3	TRDW06	4.5 in
	TRDE06	4.5 in
L06B3	TRUW06	6.0 in
	TRUE06	6.0 in
L07B3	TRUW07	7.0 in
	TRUE07	7.0 in
L08B3	TRDW08	6.0 in
	TRDE08	6.0 in
L09B3	TRUW10	4.5 in
	TRUE10	4.5 in
L10B3	TRUW11	4.5 in
	TRUE11	4.5 in
L11B3	TRDW12	4.5 in
	TRDE12	4.5 in
L12B3	TRUW12	7.0 in
	TRUE12	7.0 in
L13B3	TRUW15	4.5 in
	TRUE15	4.5 in
L14B3	TRDW15	6.0 in
	TRDE15	6.0 in
L15B3	TRUW16	7.0 in
	TRUE16	7.0 in
L16B3	TRDW17	7.0 in
	TRDE17	7.0 in

Table 3.