SVT Flex Cable Labeling Scheme

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Definitions:

Each Flex cable has its unique length LV cable attached to it. Thus each flex cable has to be uniquely labeled.

Flex Cable Labeling and LV cable lengths for Barrel 1 (Layers 1 and 2):

Ladder	Flex Cable Label	LV cable length
L01B1	L01B1-N-42L	11.5 in
	L01B1-N-42R	11.5 in
	L01B1-S-42R	11.5 in
	L01B1-S-42L	11.5 in
L02B1	L02B1-N-42L	12.5 in
	L02B1-N-42R	12.5 in
	L02B1-S-42R	12.5 in
	L02B1-S-42L	12.5 in
L03B1	L03B1-N-42L	12.5 in
	L03B1-N-42R	12.5 in
	L03B1-S-42R	12.5 in
	L03B1-S-42L	12.5 in
L04B1	L04B1-N-42L	12.5 in
	L04B1-N-42R	12.5 in
	L04B1-S-42R	12.5 in
	L04B1-S-42L	12.5 in
L05B1	L05B1-N-42L	11.5 in
	L05B1-N-42R	11.5 in
	L05B1-S-42R	11.5 in
	L05B1-S-42L	11.5 in
L06B1	L06B1-N-42L	12.5 in
	L06B1-N-42R	12.5 in
	L06B1-S-42R	12.5 in
	L06B1-S-42L	12.5 in
L07B1	L07B1-N-42L	12.5 in
	L07B1-N-42R	12.5 in
	L07B1-S-42R	12.5 in
	L07B1-S-42L	12.5 in
L08B1	L08B1-N-42L	12.5 in
	L08B1-N-42R	12.5 in
	L08B1-S-42R	12.5 in
	L08B1-S-42L	12.5 in

Table 1.

Flex Cable Labeling and LV cable lengths for Barrel 2 (Layers 3 and 4):

Ladder	**Flex Cable Label**	**LV cable length**
L01B2	L01B2-N-63L	12.0 in
	L01B2-N-63R	12.0 in
	L01B2-S-63R	12.0 in
	L01B2-S-63L	12.0 in
L02B2	L02B2-N-63L	9.5 in
	L02B2-N-63R	9.5 in
	L02B2-S-63R	9.5 in
	L02B2-S-63L	9.5 in
L03B2	L03B2-N-63L	9.5 in
	L03B2-N-63R	9.5 in
	L03B2-S-63R	9.5 in
	L03B2-S-63L	9.5 in
L04B2	L04B2-N-63L	11.5 in
	L04B2-N-63R	11.5 in
	L04B2-S-63R	11.5 in
	L04B2-S-63L	11.5 in
L05B2	L05B2-N-63L	10.5 in
	L05B2-N-63R	10.5 in
	L05B2-S-63R	10.5 in
	L05B2-S-63L	10.5 in
L06B2	L06B2-N-63L	9.5 in
	L06B2-N-63R	9.5 in
	L06B2-S-63R	9.5 in
	L06B2-S-63L	9.5 in
L07B2	L07B2-N-63L	11.5 in
	L07B2-N-63R	11.5 in
	L07B2-S-63R	11.5 in
	L07B2-S-63L	11.5 in
L08B2	L08B2-N-63L	10.5 in
	L08B2-N-63R	10.5 in
	L08B2-S-63R	10.5 in
	L08B2-S-63L	10.5 in

Table 2.

Barrel 2 (Layers 3 and 4) (continued):

Ladder	**Flex Cable Label**	**LV cable length**
L09B2	L09B2-N-63L	9.5 in
	L09B2-N-63R	9.5 in
	L09B2-S-63R	9.5 in
	L09B2-S-63L	9.5 in
L10B2	L10B2-N-63L	11.5 in
	L10B2-N-63R	11.5 in
	L10B2-S-63R	11.5 in
	L10B2-S-63L	11.5 in
L11B2	L11B2-N-63L	9.5 in
	L11B2-N-63R	9.5 in
	L11B2-S-63R	9.5 in
	L11B2-S-63L	9.5 in
L12B2	L12B2-N-63L	11.5 in
	L12B2-N-63R	11.5 in
	L12B2-S-63R	11.5 in
	L12B2-S-63L	11.5 in

Table 3.

Flex Cable Labeling and LV cable lengths for Barrel 3 (Layers 5 and 6):

Ladder	Flex Cable Label	LV cable length
L01B3	L01B3-N-73L	9.0 in
	L01B3-N-74R	9.0 in
	L01B3-S-73R	9.0 in
	L01B3-S-74L	9.0 in
L02B3	L02B3-N-74L	9.0 in
	L02B3-N-73R	9.0 in
	L02B3-S-74R	9.0 in
	L02B3-S-73L	9.0 in
L03B3	L03B3-N-73L	9.0 in
	L03B3-N-74R	9.0 in
	L03B3-S-73R	9.0 in
	L03B3-S-74L	9.0 in
L04B3	L04B3-N-74L	11.5 in
	L04B3-N-73R	11.5 in
	L04B3-S-74R	11.5 in
	L04B3-S-73L	11.5 in
L05B3	L05B3-N-73L	9.0 in
	L05B3-N-74R	9.0 in
	L05B3-S-73R	9.0 in
	L05B3-S-74L	9.0 in
L06B3	L06B3-N-74L	10.5 in
	L06B3-N-73R	10.5 in
	L06B3-S-74R	10.5 in
	L06B3-S-73L	10.5 in
L07B3	L07B3-N-73L	11.5 in
	L07B3-N-74R	11.5 in
	L07B3-S-73R	11.5 in
	L07B3-S-74L	11.5 in
L08B3	L08B3-N-74L	10.5 in
	L08B3-N-73R	10.5 in
	L08B3-S-74R	10.5 in
	L08B3-S-73L	10.5 in

Table 4.

Barrel 3 (Layers 5 and 6) (continued):

Ladder	Flex Cable Label	LV cable length
L09B3	L09B3-N-73L	9.0 in
	L09B3-N-74R	9.0 in
	L09B3-S-73R	9.0 in
	L09B3-S-74L	9.0 in
L10B3	L10B3-N-74L	9.0 in
	L10B3-N-73R	9.0 in
	L10B3-S-74R	9.0 in
	L10B3-S-73L	9.0 in
L11B3	L11B3-N-73L	9.0 in
	L11B3-N-74R	9.0 in
	L11B3-S-73R	9.0 in
	L11B3-S-74L	9.0 in
L12B3	L12B3-N-74L	11.5 in
	L12B3-N-73R	11.5 in
	L12B3-S-74R	11.5 in
	L12B3-S-73L	11.5 in
L13B3	L13B3-N-73L	9.0 in
	L13B3-N-74R	9.0 in
	L13B3-S-73R	9.0 in
	L13B3-S-74L	9.0 in
L14B3	L14B3-N-74L	10.5 in
	L14B3-N-73R	10.5 in
	L14B3-S-74R	10.5 in
	L14B3-S-73L	10.5 in
L15B3	L15B3-N-73L	11.5 in
	L15B3-N-74R	11.5 in
	L15B3-S-73R	11.5 in
	L15B3-S-74L	11.5 in
L16B3	L16B3-N-74L	11.5 in
	L16B3-N-73R	11.5 in
	L16B3-S-74R	11.5 in
	L16B3-S-73L	11.5 in

Table 5.