Calculate Vernier Constant

$$VC = 1MSD - 1VSD$$

$$= \left[1 - \frac{59}{60}\right] \times 1MSD \quad \left[1VSD = \frac{59}{60} \cdot MSD\right]$$

$$= \frac{1}{60} MSD$$

$$= \frac{1}{60} \times \frac{1}{30}^{\circ} \quad \left[1MSD = \frac{1}{30}^{\circ}\right]$$

$$= 20''$$

Mean Position $= \left(79 + \frac{21 \times 10}{30}\right) = 79.3$

	Left Side						Right Side					
	Vernier 1 (deg)			Vernier 2			Vernier 1			Vernier 2		
	MSR	VSR	Total	MSR	VSR	Total	MSR	VSR	Total	MSR	VSR	Total
	59	20		239	14		99.6	50		279.6	4	
D1	59	18		239	12		99.6	41		279.6	26	
	35	26		215	44		123.6	7		303.6	57	
D2	35	37		215	50		123.6	6		303.6	17	