

RIGGER SPAN

SPAN		83.0	83.5	84.0	84.5	85.0	85.5	86.0	86.5	87.0	87.5	88.0		
ANGLE "X"														
ANGLE IN FRONT OF PIN	55	144.7	145.6	146.4	147.3	148.2	149.1	149.9	150.8	151.7	152.6	153.4	DISTANCE "A"	
	54	141.2	142.1	142.9	143.8	144.6	145.5	146.3	147.2	148.0	148.9	149.7		
	53	137.9	138.7	139.6	140.4	141.2	142.1	142.9	143.7	144.6	145.4	146.2		
	52	134.8	135.6	136.4	137.3	138.1	138.9	139.7	140.5	141.3	142.1	142.9		
	51	131.9	132.7	133.5	134.3	135.1	135.9	136.7	137.4	138.2	139.0	139.8		
	50	129.1	129.9	130.7	131.5	132.2	133.0	133.8	134.6	135.3	136.1	136.9		

		Distance from Centre of Pin to Centre Line of Boat at Angle Specified in Front of or Behind the Pin												
ANGLE "Y"														
ANGLE BEHIND PIN	35	101.3	101.9	102.5	103.2	103.8	104.4	105.0	105.6	106.2	106.8	107.4	DISTANCE "B"	
	34	100.1	100.7	101.3	101.9	102.5	103.1	103.7	104.3	104.9	105.5	106.1		
	33	99.0	99.6	100.2	100.8	101.4	101.9	102.5	103.1	103.7	104.3	104.9		
	32	97.9	98.5	99.1	99.6	100.2	100.8	101.4	102.0	102.6	103.2	103.8		
	31	96.8	97.4	98.0	98.6	99.2	99.7	100.3	100.9	101.5	102.1	102.7		
	30	95.8	96.4	97.0	97.6	98.1	98.7	99.3	99.9	100.5	101.0	101.6		

METHOD FOR DETERMINING OR SETTING ARC OF STROKE

1. Set-up centre line of boat with string line.
2. Determine angle is front of and behind pin and check table above for relevant distances from "A" to "B" for your particular span required.
3. Select measuring device (e.g. cord, stringline, timber) and mark the distances "A" and "B" and then rotate around the pin until those distances intersect with the boat centre line, giving you the matching angles. Mark position on saxboards where link crosses saxboard.

