Adjustment , (in Fewer -Less -Degrees) to be Perpendicular to Line midpoint using Coordinates of the Starboard end, based on Line Length and Course Length

Total Line Length in Miles. One mile = 5280. One tenth of a mile = 530

Length of Windward Leg in Miles	0.1	0.12	0.14	0.16	0.18	0.2	0.22	0.24	0.26	0.28	0.3	0.32	0.34	0.36	0.38	0.4	0.42	0.44	0.46	0.48	0.5
0.4	7	9	10	11	13	14	15	17	18	19	21	22	23	24	25	27	28	29	30	31	32
0.45	6	8	9	10	11	13	14	15	16	17	18	20	21	22	23	24	25	26	27	28	29
0.5	6	7	8	9	10	11	12	13	15	16	17	18	19	20	21	22	23	24	25	26	27
0.55	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	24
0.6	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18	18	19	20	21	22	23
0.65	4	5	6	7	8	9	10	10	11	12	13	14	15	15	16	17	18	19	19	20	21
0.7	4	5	6	7	7	8	9	10	11	11	12	13	14	14	15	16	17	17	18	19	20
0.75	4	5	5	6	7	8	8	9	10	11	11	12	13	13	14	15	16	16	17	18	18
0.8	4	4	5	6	6	7	8	9	9	10	11	11	12	13	13	14	15	15	16	17	17
0.85	3	4	5	5	6	7	7	8	9	9	10	11	11	12	13	13	14	15	15	16	16
0.9	3	4	4	5	6	6	7	8	8	9	9	10	11	11	12	13	13	14	14	15	16
0.95	3	4	4	5	5	6	7	7	8	8	9	10	10	11	11	12	12	13	14	14	15
1	3	3	4	5	5	6	6	7	7	8	9	9	10	10	11	11	12	12	13	13	14
1.05	3	3	4	4	5	5	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13
1.1	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13
1.15	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12
1.2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	9	10	10	11	11	12
1.25	2	3	3	4	4	5	5	5	6	6	7	7	8	8	9	9	10	10	10	11	11
1.3	2	3	3	4	4	4	5	5	6	6	7	7	7	8	8	9	9	10	10	10	11
1.35	2	3	3	3	4	4	5	5	6	6	6	7	7	8	8	8	9	9	10	10	10
1.4	2	2	3	3	4	4	4	5	5	6	6	7	7	7	8	8	9	9	9	10	10
1.45	2	2	3	3	4	4	4	5	5	6	6	6	7	7	7	8	8	9	9	9	10
1.5	2	2	3	3	3	4	4	5	5	5	6	6	6	7	7	8	8	8	9	9	9