

### Course Adjustment Chart

		Course Length (in miles)													
		0.30		0.40		0.50		0.60		0.70		0.80		0.90	
		Length (in miles)	Course (in degrees)	Length (in miles)	Course (in degrees)	Length (in miles)	Course (in degrees)	Length (in miles)	Course (in degrees)	Length (in miles)	Course (in degrees)	Length (in miles)	Course (in degrees)	Length (in miles)	Course (in degrees)
Line Length (in miles)	0.10	0.00	9	0.00	7	0.00	6	0.00	5	0.00	4	0.00	4	0.00	3
	0.15	0.01	14	0.01	11	0.01	9	0.00	7	0.00	6	0.00	5	0.00	5
	0.20	0.02	18	0.01	14	0.01	11	0.01	9	0.01	8	0.01	7	0.01	6
	0.25	0.03	23	0.02	17	0.02	14	0.01	12	0.01	10	0.01	9	0.01	8
	0.30	0.04	27	0.03	21	0.02	17	0.02	14	0.02	12	0.01	11	0.01	9
	0.35	0.05	30	0.04	24	0.03	19	0.03	16	0.02	14	0.02	12	0.02	11
	0.40	0.06	34	0.05	27	0.04	22	0.03	18	0.03	16	0.02	14	0.02	13
	0.45	0.08	37	0.06	29	0.05	24	0.04	21	0.04	18	0.03	16	0.03	14
	0.50	0.09	40	0.07	32	0.06	27	0.05	23	0.04	20	0.04	17	0.03	16
	0.55	0.11	43	0.09	35	0.07	29	0.06	25	0.05	21	0.05	19	0.04	17
	0.60	0.12	45	0.10	37	0.08	31	0.07	27	0.06	23	0.05	21	0.05	18
	0.65	0.14	47	0.12	39	0.10	33	0.08	28	0.07	25	0.06	22	0.06	20
	0.70	0.16	49	0.13	41	0.11	35	0.09	30	0.08	27	0.07	24	0.07	21
	0.75	0.18	51	0.15	43	0.13	37	0.11	32	0.09	28	0.08	25	0.08	23
	0.80	0.20	53	0.17	45	0.14	39	0.12	34	0.11	30	0.09	27	0.08	24
	0.85	0.22	55	0.18	47	0.16	40	0.14	35	0.12	31	0.11	28	0.10	25
0.90	0.24	56	0.20	48	0.17	42	0.15	37	0.13	33	0.12	29	0.11	27	
0.95	0.26	58	0.22	50	0.19	44	0.17	38	0.15	34	0.13	31	0.12	28	
1.00	0.28	59	0.24	51	0.21	45	0.18	40	0.16	36	0.14	32	0.13	29	

		Course Length (in miles)													
		1.00		1.10		1.20		1.30		1.40		1.50		1.60	
		Length (in miles)	Course (in degrees)	Length (in miles)	Course (in degrees)	Length (in miles)	Course (in degrees)	Length (in miles)	Course (in degrees)	Length (in miles)	Course (in degrees)	Length (in miles)	Course (in degrees)	Length (in miles)	Course (in degrees)
Line Length (in miles)	0.10	0.00	3	0.00	3	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2
	0.15	0.00	4	0.00	4	0.00	4	0.00	3	0.00	3	0.00	3	0.00	3
	0.20	0.00	6	0.00	5	0.00	5	0.00	4	0.00	4	0.00	4	0.00	4
	0.25	0.01	7	0.01	6	0.01	6	0.01	5	0.01	5	0.01	5	0.00	4
	0.30	0.01	9	0.01	8	0.01	7	0.01	7	0.01	6	0.01	6	0.01	5
	0.35	0.02	10	0.01	9	0.01	8	0.01	8	0.01	7	0.01	7	0.01	6
	0.40	0.02	11	0.02	10	0.02	9	0.02	9	0.01	8	0.01	8	0.01	7
	0.45	0.02	13	0.02	12	0.02	11	0.02	10	0.02	9	0.02	9	0.02	8
	0.50	0.03	14	0.03	13	0.03	12	0.02	11	0.02	10	0.02	9	0.02	9
	0.55	0.04	15	0.03	14	0.03	13	0.03	12	0.03	11	0.02	10	0.02	10
	0.60	0.04	17	0.04	15	0.04	14	0.03	13	0.03	12	0.03	11	0.03	11
	0.65	0.05	18	0.05	16	0.04	15	0.04	14	0.04	13	0.03	12	0.03	11
	0.70	0.06	19	0.05	18	0.05	16	0.05	15	0.04	14	0.04	13	0.04	12
	0.75	0.07	21	0.06	19	0.06	17	0.05	16	0.05	15	0.05	14	0.04	13
	0.80	0.08	22	0.07	20	0.06	18	0.06	17	0.06	16	0.05	15	0.05	14
	0.85	0.09	23	0.08	21	0.07	20	0.07	18	0.06	17	0.06	16	0.06	15
0.90	0.10	24	0.09	22	0.08	21	0.08	19	0.07	18	0.07	17	0.06	16	
0.95	0.11	25	0.10	23	0.09	22	0.08	20	0.08	19	0.07	18	0.07	17	
1.00	0.12	27	0.11	24	0.10	23	0.09	21	0.09	20	0.08	18	0.08	17	

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																						
		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		
Length of Windward Leg in Miles	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			