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Polar Plot for Boat

Name **VA43**

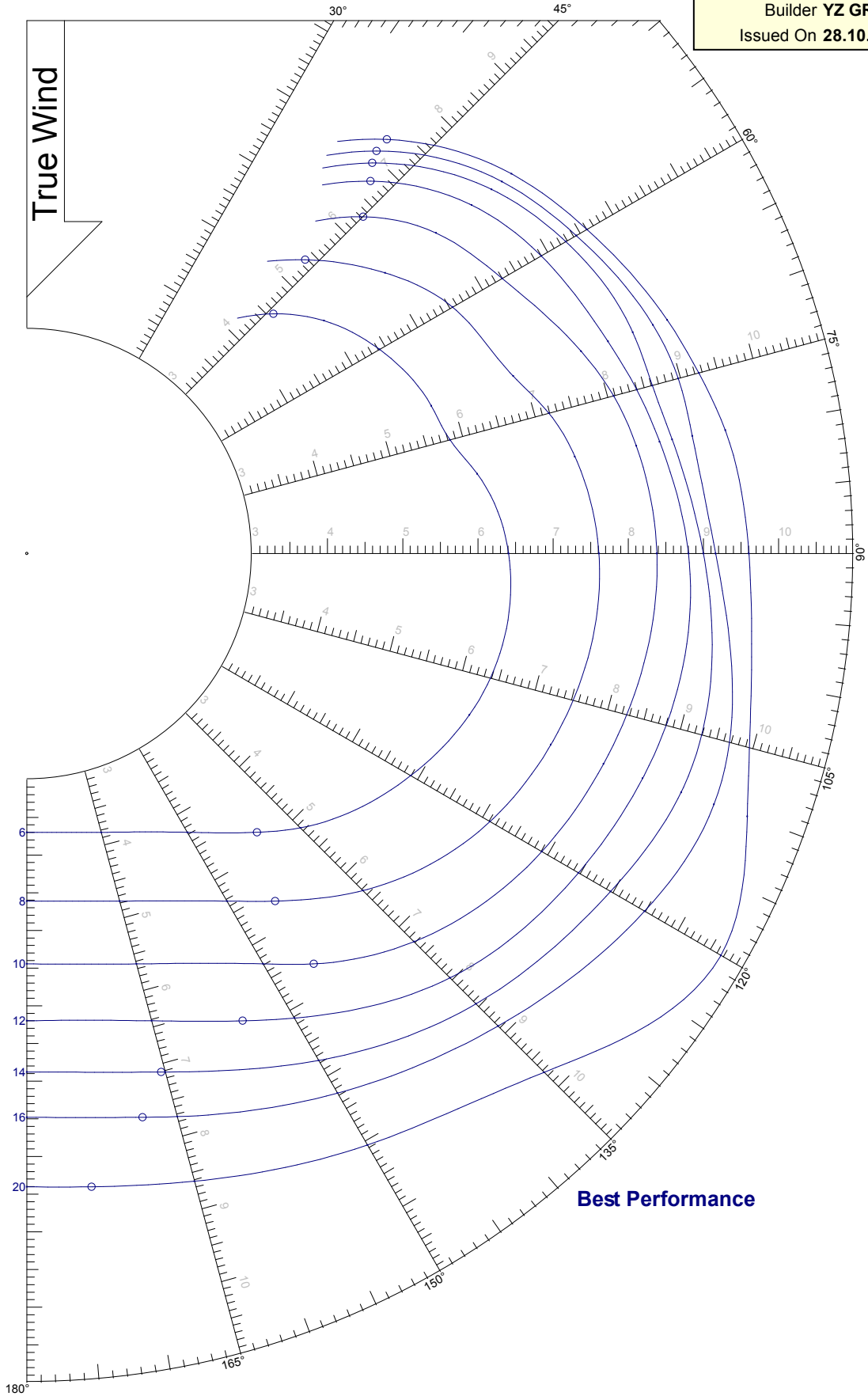
Sail Number

Class

Designer **judel/vrolijk & co**

Builder **YZ GREIFSWALD**

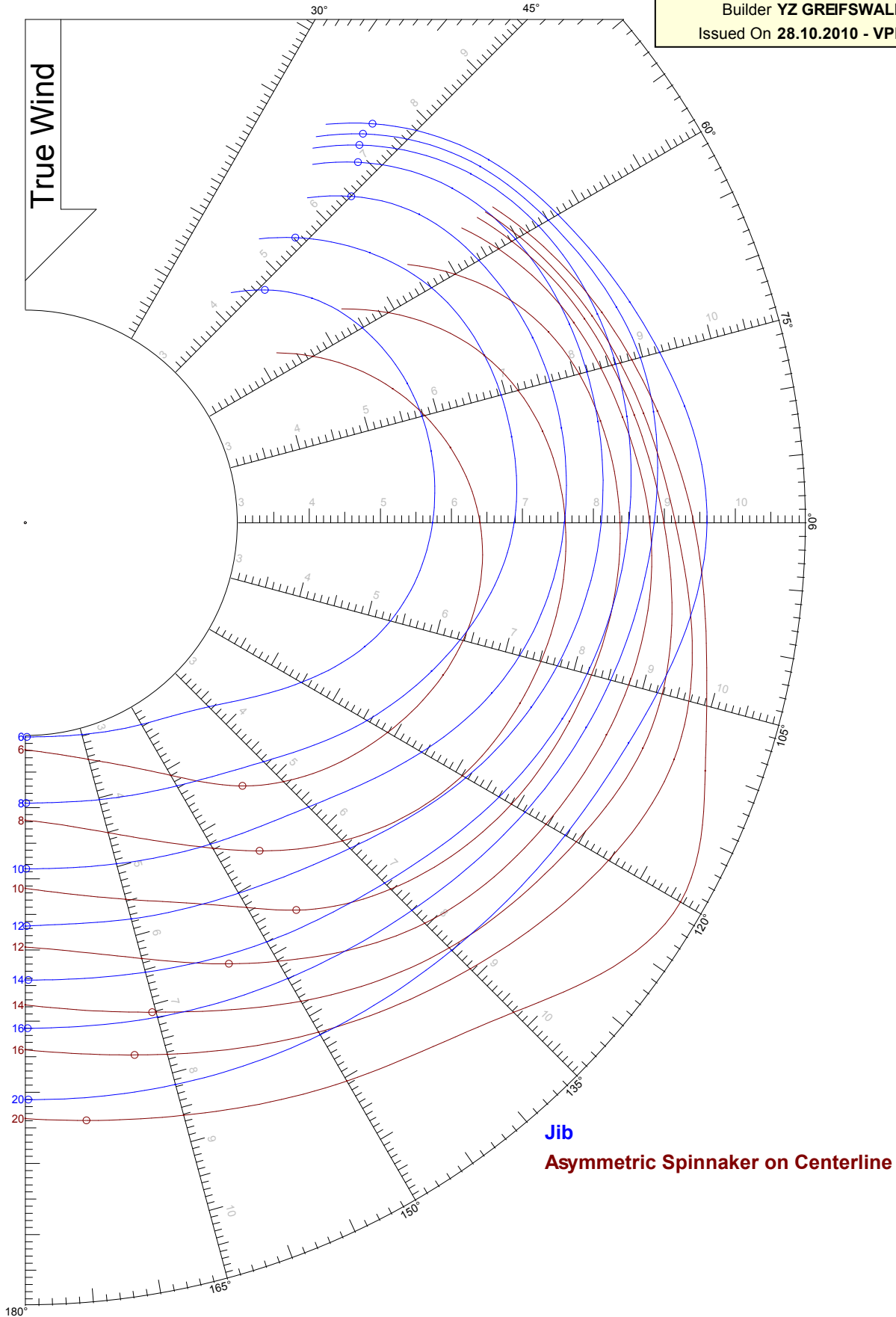
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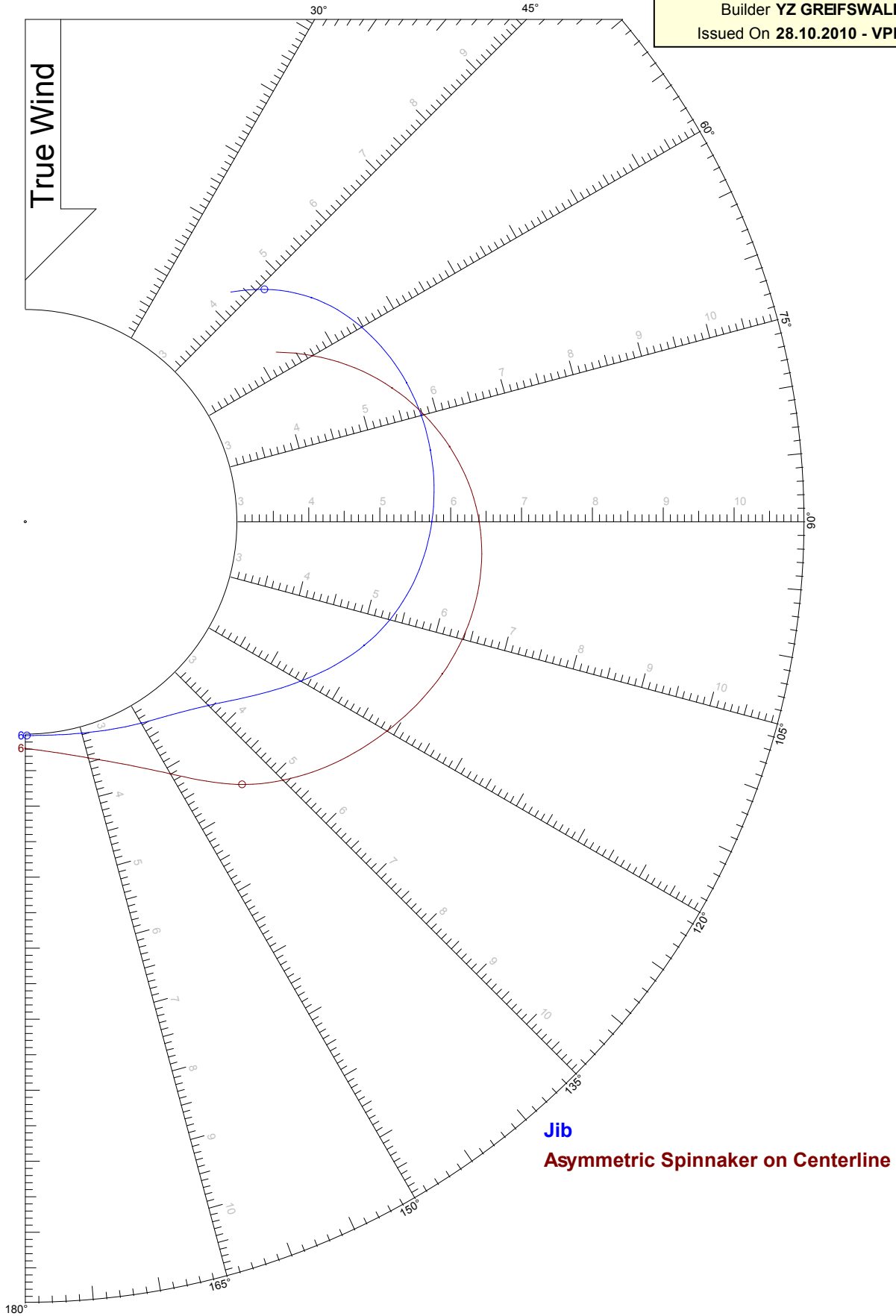
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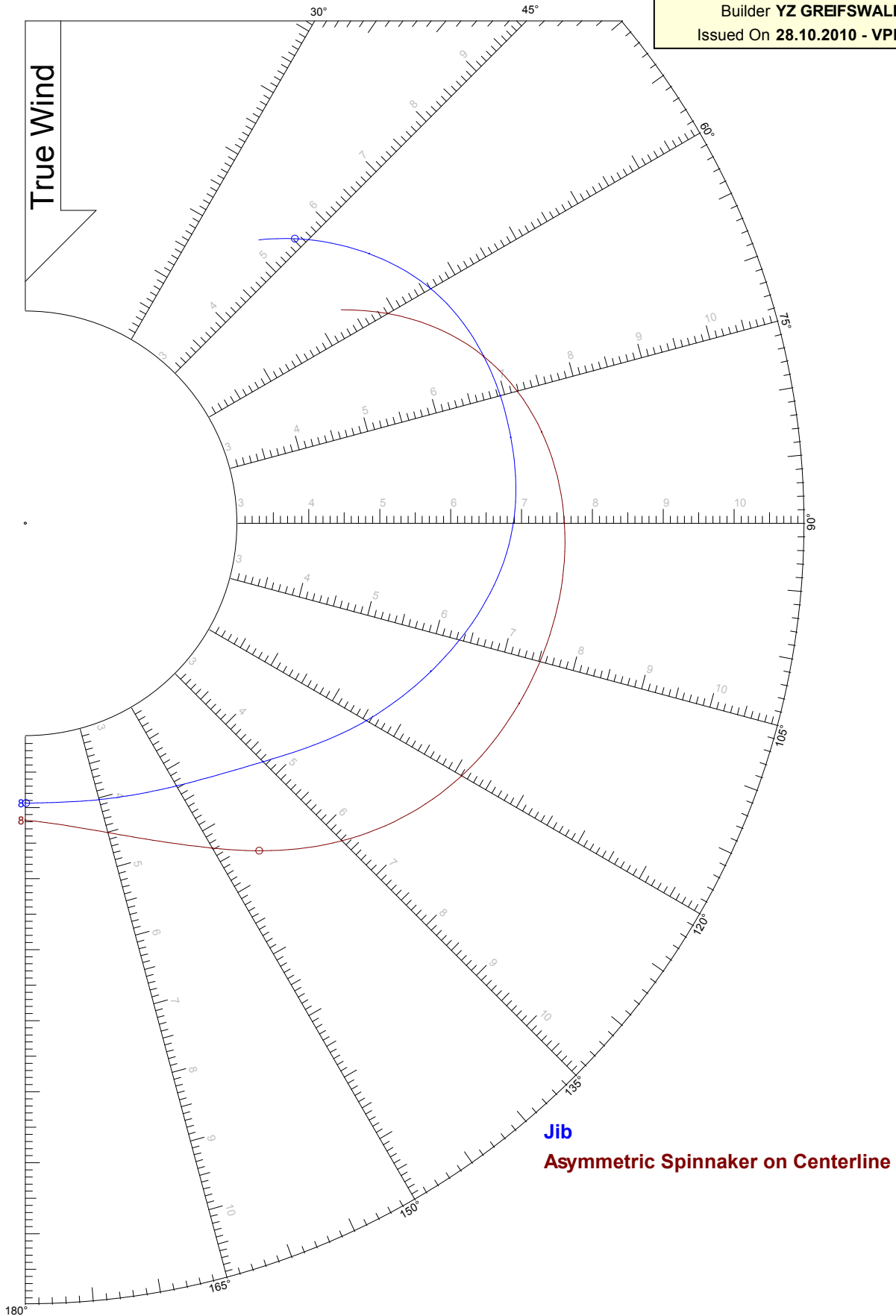
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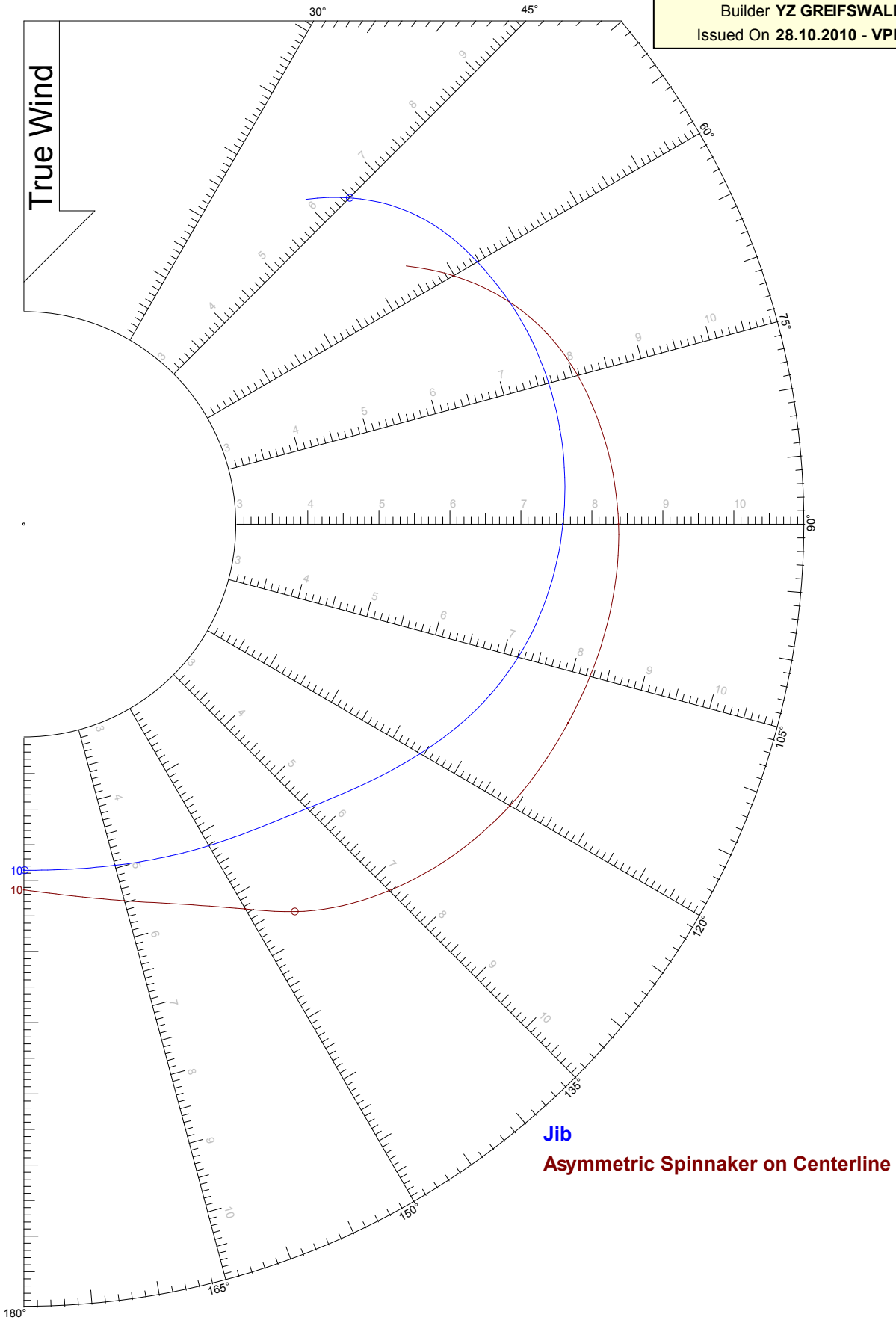
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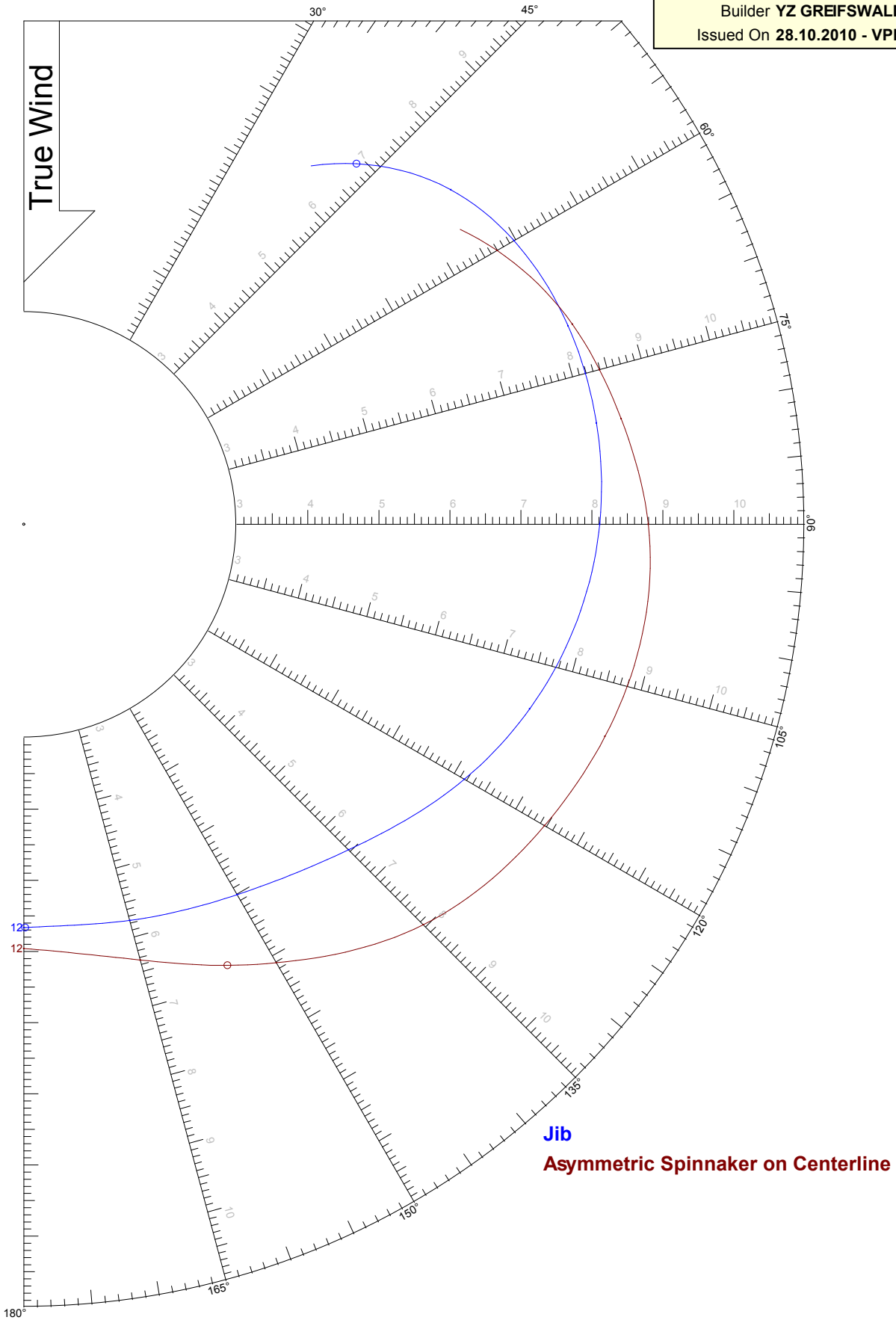
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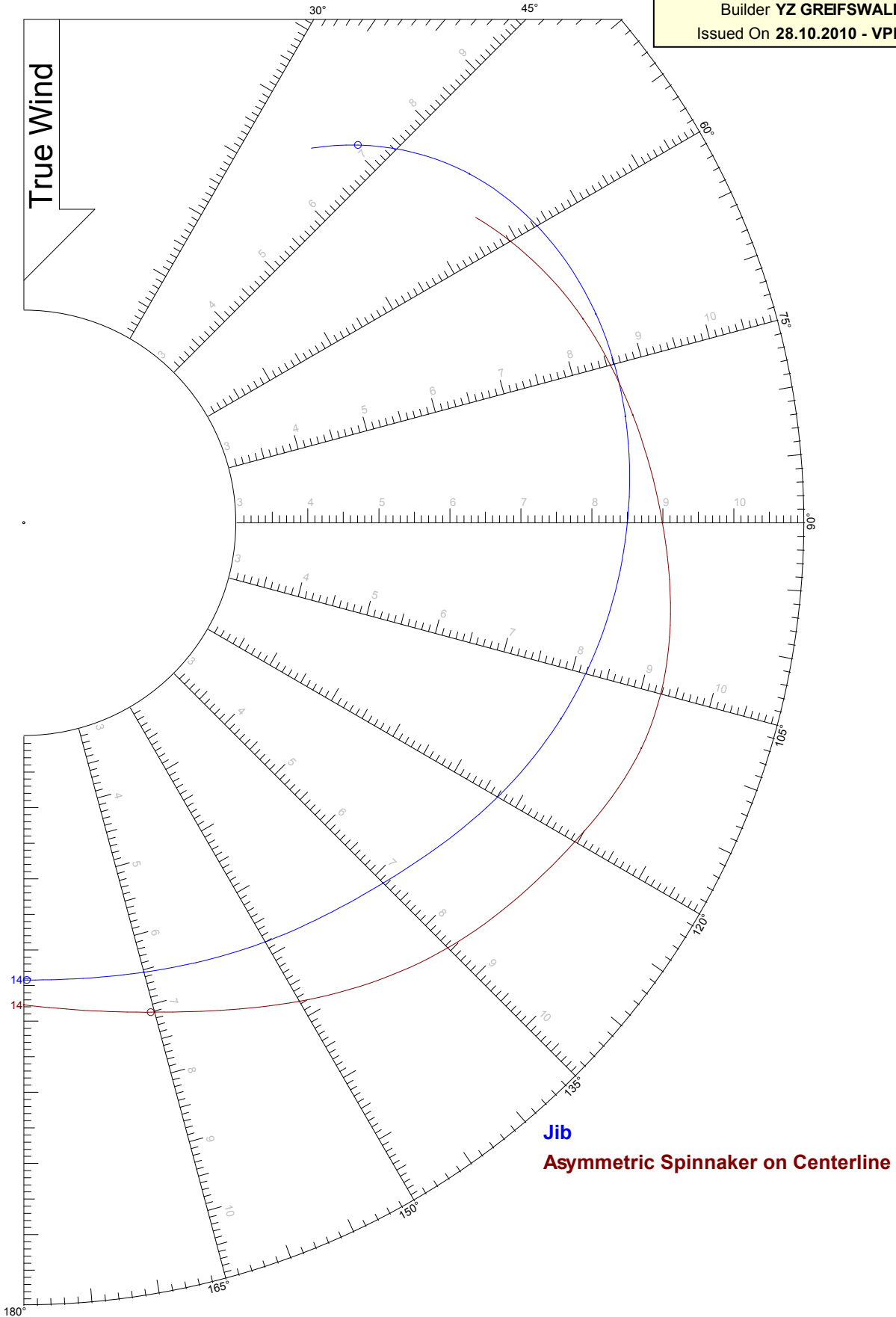
Sail Number

Class

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Builder **YZ GREIFSWALD**

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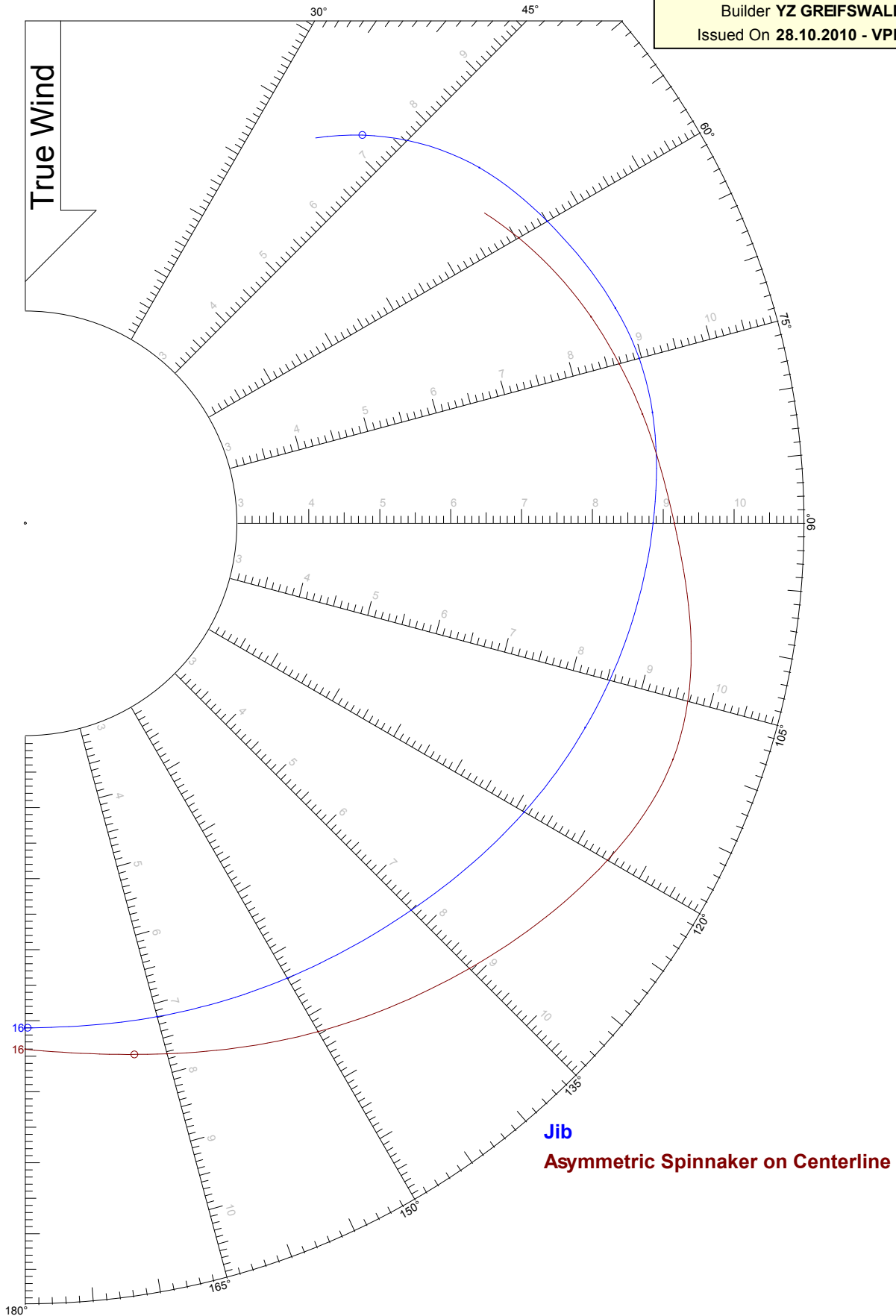
Sail Number

Class

Designer **judel/vrolijk & co**

Builder **YZ GREIFSWALD**

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Jib

Asymmetric Spinnaker on Centerline



ORC

World Leader in Rating Technology

Polar Plot for Boat

Name **VA43**

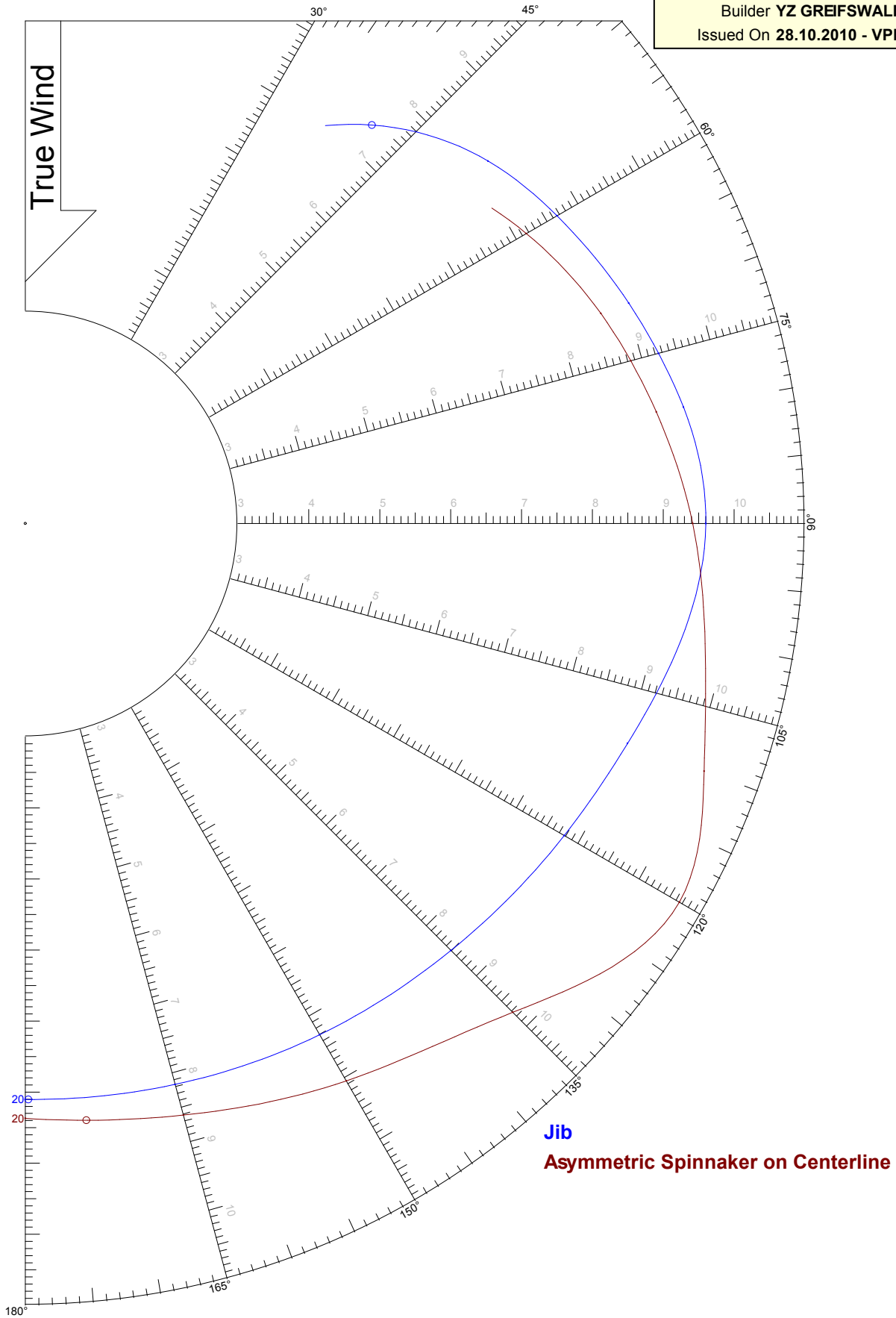
Sail Number

Class

Designer **judel/vrolijk & co**

Builder **YZ GREIFSWALD**

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Polar Tables

Boat Name: **VA43**

Sail No:

Sail: **Jib**

Issued On: **28.10.2010 - VPP 1.11**

TWS = 6 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
45,0° (b)	4,70	3,27	9,76	25,6°	3,2°	1,00	1,00
52°	5,12	3,16	9,90	27,9°	3,3°	1,00	1,00
60°	5,48	2,74	9,84	31,1°	3,2°	1,00	1,00
70°	5,72	1,96	9,51	35,5°	3,0°	1,00	1,00
75°	5,78	1,50	9,25	37,8°	2,9°	1,00	1,00
80°	5,80	1,01	8,95	40,3°	2,7°	1,00	1,00
90°	5,74	0,00	8,21	45,7°	2,3°	1,00	1,00
110°	5,09	1,74	6,33	60,9°	1,4°	1,00	1,00
120°	4,48	2,24	5,32	73,2°	0,9°	1,00	1,00
135°	3,65	2,58	4,19	97,0°	0,5°	1,00	1,00
150°	3,27	2,83	3,46	121,8°	0,4°	1,00	1,00
165°	3,08	2,97	3,02	149,7°	0,2°	1,00	1,00
180°	3,01	3,01	2,88	180,0°	0,0°	1,00	1,00
179,5° (r)	3,01	3,01	2,88	179,0°	0,1°	1,00	1,00

TWS = 8 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
43,5° (b)	5,53	4,01	12,44	25,6°	5,0°	1,00	1,00
52°	6,16	3,79	12,60	29,3°	5,1°	1,00	1,00
60°	6,61	3,30	12,51	32,7°	5,0°	1,00	1,00
70°	6,88	2,35	12,06	37,5°	4,5°	1,00	1,00
75°	6,94	1,80	11,73	40,1°	4,2°	1,00	1,00
80°	6,96	1,21	11,34	42,8°	3,9°	1,00	1,00
90°	6,89	0,00	10,43	48,7°	3,3°	1,00	1,00
110°	6,09	2,08	8,12	65,2°	1,9°	1,00	1,00
120°	5,55	2,78	6,99	76,5°	1,3°	1,00	1,00
135°	4,74	3,36	5,61	98,2°	0,8°	1,00	1,00
150°	4,27	3,70	4,67	122,8°	0,6°	1,00	1,00
165°	4,03	3,89	4,09	150,3°	0,4°	1,00	1,00
180°	3,94	3,94	3,91	180,0°	0,1°	1,00	1,00
179,8° (r)	3,94	3,94	3,91	179,6°	0,1°	1,00	1,00

TWS = 10 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
45,0° (b)	6,49	4,59	15,04	26,9°	10,2°	1,00	1,00
52°	7,04	4,33	15,11	30,1°	10,3°	1,00	1,00
60°	7,38	3,69	14,85	34,3°	9,5°	1,00	1,00
70°	7,60	2,60	14,25	39,8°	7,8°	1,00	1,00
75°	7,65	1,98	13,86	42,7°	6,7°	1,00	1,00
80°	7,67	1,33	13,42	45,7°	5,6°	1,00	1,00
90°	7,59	0,00	12,38	52,2°	4,3°	1,00	1,00
110°	6,99	2,39	9,90	68,4°	2,4°	1,00	1,00
120°	6,44	3,22	8,63	79,7°	1,8°	1,00	1,00
135°	5,64	3,99	7,05	100,6°	1,2°	1,00	1,00
150°	5,21	4,51	5,90	123,8°	0,9°	1,00	1,00
165°	4,96	4,79	5,18	150,7°	0,5°	1,00	1,00
180°	4,86	4,86	4,95	180,0°	0,1°	1,00	1,00
179,9° (r)	4,86	4,86	4,95	179,7°	0,1°	1,00	1,00

TWS = 12 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
42,8° (b)	6,90	5,07	17,25	26,1°	16,9°	1,00	1,00
52°	7,63	4,70	17,25	30,7°	17,0°	1,00	1,00
60°	7,97	3,99	16,92	35,2°	15,6°	1,00	1,00
70°	8,16	2,79	16,24	41,5°	12,7°	1,00	1,00
75°	8,19	2,12	15,81	44,7°	11,0°	1,00	1,00
80°	8,19	1,42	15,33	48,1°	9,3°	1,00	1,00
90°	8,11	0,00	14,24	55,3°	5,7°	1,00	1,00
110°	7,58	2,59	11,60	72,1°	3,0°	1,00	1,00
120°	7,16	3,58	10,27	82,8°	2,3°	1,00	1,00
135°	6,47	4,57	8,52	102,6°	1,6°	1,00	1,00
150°	6,01	5,20	7,22	125,4°	1,2°	1,00	1,00
165°	5,76	5,56	6,38	151,5°	0,8°	1,00	1,00
180°	5,67	5,67	6,11	180,0°	0,2°	1,00	1,00
179,8° (r)	5,66	5,66	6,11	179,6°	0,2°	1,00	1,00

TWS = 14 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
41,6° (b)	7,09	5,31	19,27	26,3°	19,2°	1,00	0,87
52°	7,96	4,90	19,06	31,1°	22,9°	1,00	0,95
60°	8,35	4,17	18,58	35,5°	23,3°	1,00	1,00
70°	8,58	2,93	17,95	42,5°	18,7°	1,00	1,00
75°	8,61	2,23	17,54	46,2°	16,2°	1,00	1,00
80°	8,60	1,49	17,08	50,0°	13,6°	1,00	1,00
90°	8,50	0,00	16,00	57,9°	8,7°	1,00	1,00
110°	8,05	2,75	13,31	75,4°	3,6°	1,00	1,00
120°	7,70	3,85	11,91	86,0°	2,8°	1,00	1,00
135°	7,16	5,06	10,03	104,7°	2,0°	1,00	1,00
150°	6,80	5,89	8,55	126,6°	1,5°	1,00	1,00
165°	6,54	6,31	7,61	152,2°	1,0°	1,00	1,00
180°	6,42	6,42	7,31	180,0°	0,3°	1,00	1,00
179,6° (r)	6,42	6,42	7,31	179,3°	0,3°	1,00	1,00

TWS = 16 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
41,0° (b)	7,24	5,46	21,25	26,8°	20,3°	1,00	0,76
52°	8,13	5,01	20,89	32,3°	24,0°	1,00	0,83
60°	8,50	4,25	20,22	36,6°	25,8°	1,00	0,89
70°	8,86	3,03	19,18	42,5°	26,8°	1,00	1,00
75°	8,97	2,32	18,94	46,7°	22,9°	1,00	1,00
80°	8,99	1,56	18,62	51,1°	19,0°	1,00	1,00
90°	8,86	0,00	17,67	59,9°	12,2°	1,00	1,00
110°	8,41	2,88	15,01	78,3°	4,4°	1,00	1,00
120°	8,13	4,06	13,57	88,8°	3,3°	1,00	1,00
135°	7,70	5,44	11,59	107,0°	2,5°	1,00	1,00
150°	7,39	6,40	10,00	128,3°	1,9°	1,00	1,00
165°	7,19	6,94	8,95	153,0°	1,3°	1,00	1,00
180°	7,10	7,10	8,59	180,0°	0,4°	1,00	1,00
179,7° (r)	7,10	7,10	8,59	179,5°	0,4°	1,00	1,00

TWS = 20 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
41,1° (b)	7,44	5,61	25,02	28,2°	22,1°	1,00	0,58
52°	8,29	5,10	24,44	34,3°	25,3°	1,00	0,64
60°	8,66	4,33	23,60	39,1°	26,9°	1,00	0,69
70°	9,06	3,10	22,33	45,5°	28,4°	1,00	0,79
75°	9,25	2,39	21,61	48,8°	28,9°	1,00	0,85
80°	9,43	1,64	20,87	52,3°	29,4°	1,00	0,93
90°	9,60	0,00	20,37	61,9°	22,2°	1,00	1,00
110°	9,04	3,09	18,38	82,7°	8,0°	1,00	1,00
120°	8,78	4,39	16,95	93,5°	5,0°	1,00	1,00
135°	8,49	6,01	14,85	111,2°	3,7°	1,00	1,00
150°	8,31	7,19	13,09	131,6°	2,8°	1,00	1,00
165°	8,17	7,89	11,91	154,8°	1,9°	1,00	1,00
180°	8,10	8,10	11,52	180,0°	0,6°	1,00	1,00
179,7° (r)	8,10	8,10	11,52	179,5°	0,7°	1,00	1,00



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Polar Tables

Boat Name: **VA43**

Sail No:

Sail: **Asymmetric Spinnaker on CL**

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TWS = 6 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	4,68	2,34	9,34	34,3°	2,9°	1,00	1,00
70°	5,51	1,88	9,49	36,9°	3,6°	1,00	1,00
75°	5,82	1,51	9,43	38,4°	3,9°	1,00	1,00
80°	6,08	1,06	9,30	39,9°	4,1°	1,00	1,00
90°	6,40	0,00	8,82	43,4°	4,2°	1,00	1,00
110°	6,26	2,14	7,07	53,7°	3,1°	1,00	1,00
120°	5,89	2,95	5,98	61,5°	2,4°	1,00	1,00
135°	5,14	3,64	4,38	78,9°	1,3°	1,00	1,00
150°	4,10	3,55	3,25	111,0°	0,5°	1,00	1,00
165°	3,44	3,32	2,89	147,1°	0,2°	1,00	1,00
180°	3,19	3,19	2,89	180,0°	0,0°	1,00	1,00
140,4° (r)	4,80	3,70	3,88	88,3°	1,0°	1,00	1,00

TWS = 8 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	5,90	2,95	12,16	35,1°	5,0°	1,00	1,00
70°	6,88	2,35	12,24	38,0°	8,2°	1,00	1,00
75°	7,19	1,86	12,06	39,7°	9,7°	1,00	1,00
80°	7,40	1,28	11,78	41,6°	10,5°	1,00	1,00
90°	7,61	0,00	11,01	46,3°	9,8°	1,00	1,00
110°	7,41	2,54	8,89	58,5°	4,7°	1,00	1,00
120°	7,11	3,55	7,64	66,4°	3,4°	1,00	1,00
135°	6,32	4,47	5,76	84,1°	1,9°	1,00	1,00
150°	5,28	4,57	4,41	113,2°	0,8°	1,00	1,00
165°	4,51	4,35	3,93	147,7°	0,3°	1,00	1,00
180°	4,18	4,18	3,92	180,0°	0,1°	1,00	1,00
144,4° (r)	5,67	4,61	4,81	101,0°	1,1°	1,00	1,00

TWS = 10 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6,99	3,49	14,76	35,4°	12,0°	1,00	1,00
70°	7,84	2,68	14,38	38,4°	19,0°	1,00	1,00
75°	8,08	2,09	13,98	40,2°	21,2°	1,00	1,00
80°	8,23	1,43	13,55	42,6°	21,6°	1,00	1,00
90°	8,38	0,00	12,68	48,7°	18,6°	1,00	1,00
110°	8,16	2,79	10,52	63,5°	8,1°	1,00	1,00
120°	7,90	3,95	9,19	72,0°	4,6°	1,00	1,00
135°	7,28	5,15	7,16	89,1°	2,4°	1,00	1,00
150°	6,24	5,40	5,66	116,6°	1,2°	1,00	1,00
165°	5,47	5,29	5,04	148,7°	0,5°	1,00	1,00
180°	5,14	5,14	4,99	180,0°	0,1°	1,00	1,00
145,0° (r)	6,65	5,44	6,04	105,8°	1,5°	1,00	1,00

TWS = 12 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7,69	3,85	16,67	34,8°	23,8°	1,00	1,00
70°	8,22	2,81	15,86	39,1°	27,1°	1,00	0,85
75°	8,39	2,17	15,37	41,6°	27,8°	1,00	0,85
80°	8,54	1,48	14,83	44,3°	28,2°	1,00	0,87
90°	8,80	0,00	13,65	49,9°	28,9°	1,00	0,97
110°	8,71	2,98	11,98	67,6°	13,1°	1,00	1,00
120°	8,47	4,23	10,71	77,1°	6,8°	1,00	1,00
135°	7,96	5,63	8,60	94,2°	3,0°	1,00	1,00
150°	7,11	6,16	6,97	119,3°	1,5°	1,00	1,00
165°	6,34	6,12	6,25	149,8°	0,7°	1,00	1,00
180°	5,96	5,96	6,20	180,0°	0,1°	1,00	1,00
155,2° (r)	6,83	6,20	6,61	129,5°	1,1°	1,00	1,00

TWS = 14 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7,91	3,96	18,40	36,0°	26,4°	0,99	0,76
70°	8,38	2,87	17,45	41,2°	27,9°	0,96	0,75
75°	8,55	2,21	16,90	44,1°	28,5°	0,95	0,77
80°	8,71	1,51	16,30	47,0°	28,9°	0,95	0,80
90°	8,99	0,00	15,01	53,2°	29,7°	0,96	0,89
110°	9,26	3,17	13,20	70,3°	19,8°	1,00	1,00
120°	8,96	4,48	12,19	81,1°	10,5°	1,00	1,00
135°	8,44	5,97	10,13	99,0°	3,6°	1,00	1,00
150°	7,76	6,72	8,40	122,5°	1,9°	1,00	1,00
165°	7,12	6,87	7,53	150,9°	0,9°	1,00	1,00
180°	6,77	6,77	7,41	180,0°	0,2°	1,00	1,00
165,4° (r)	7,10	6,87	7,52	151,7°	0,8°	1,00	1,00

TWS = 16 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	8,04	4,02	20,06	37,5°	26,4°	0,91	0,74
70°	8,49	2,91	19,01	43,2°	27,9°	0,88	0,75
75°	8,68	2,25	18,41	46,3°	28,4°	0,88	0,78
80°	8,84	1,54	17,76	49,4°	28,9°	0,88	0,83
90°	9,16	0,00	16,39	56,0°	29,7°	0,88	0,94
110°	9,72	3,33	13,72	71,8°	29,3°	1,00	1,00
120°	9,48	4,74	13,55	84,0°	15,2°	1,00	1,00
135°	8,86	6,27	11,71	102,8°	4,4°	1,00	1,00
150°	8,26	7,15	9,94	125,5°	2,3°	1,00	1,00
165°	7,73	7,47	8,96	152,1°	1,1°	1,00	1,00
180°	7,40	7,40	8,80	180,0°	0,3°	1,00	1,00
168,4° (r)	7,63	7,48	8,86	158,4°	0,9°	1,00	1,00

TWS = 20 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	8,16	4,08	23,34	40,1°	26,3°	0,79	0,73
70°	8,64	2,96	22,13	46,5°	27,7°	0,77	0,77
75°	8,84	2,29	21,44	49,8°	28,3°	0,76	0,82
80°	9,04	1,57	20,72	53,3°	28,8°	0,76	0,88
90°	9,42	0,00	19,19	60,6°	29,7°	0,76	1,00
110°	10,19	3,49	16,12	77,5°	31,1°	0,90	1,00
120°	10,65	5,33	14,91	87,2°	30,0°	1,00	1,00
135°	9,73	6,88	14,86	107,9°	8,7°	1,00	1,00
150°	9,06	7,84	13,20	130,0°	3,2°	1,00	1,00
165°	8,62	8,32	12,14	154,4°	1,6°	1,00	1,00
180°	8,37	8,37	11,89	180,0°	0,5°	1,00	1,00
174,1° (r)	8,44	8,40	11,89	170,0°	0,9°	1,00	1,00