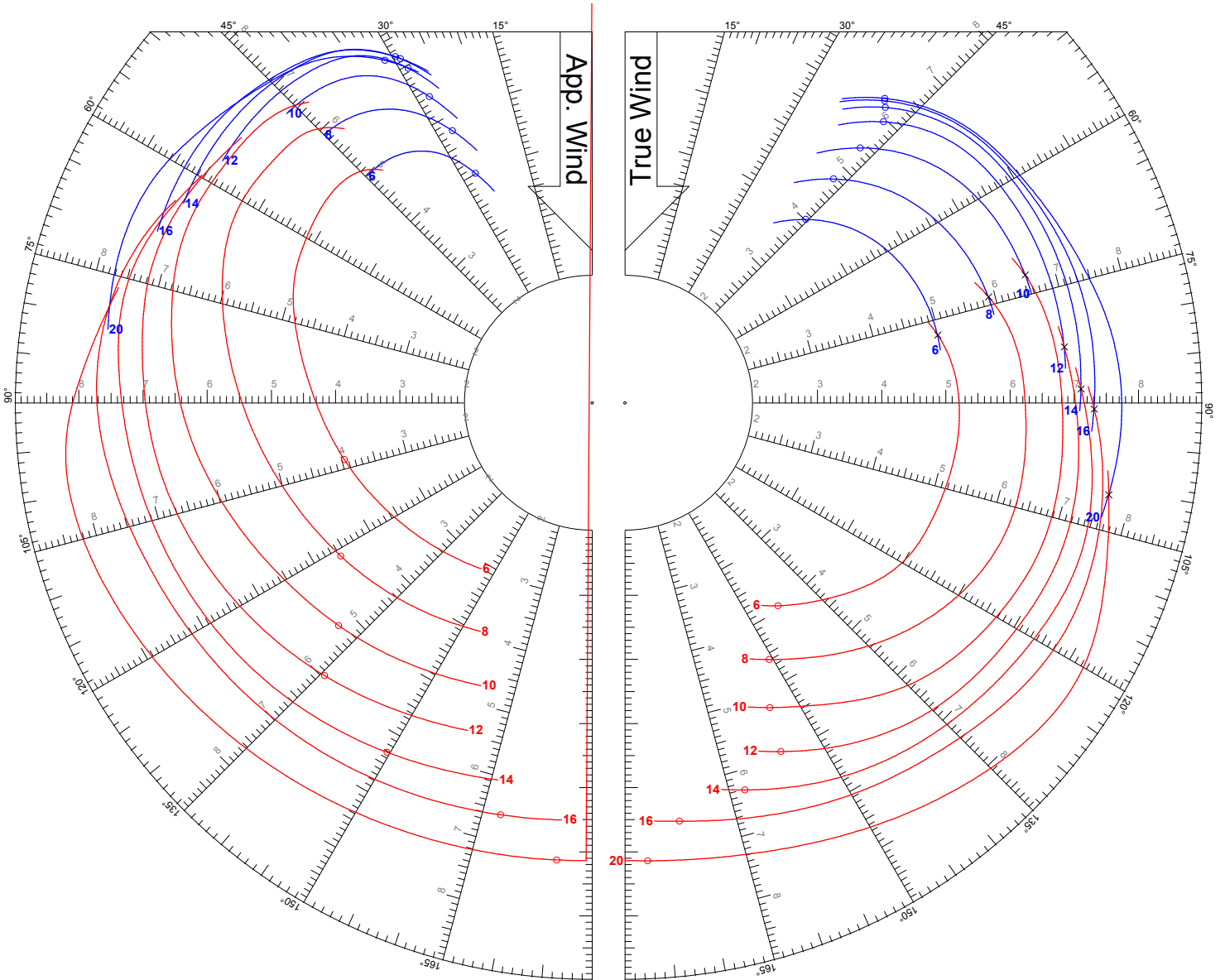




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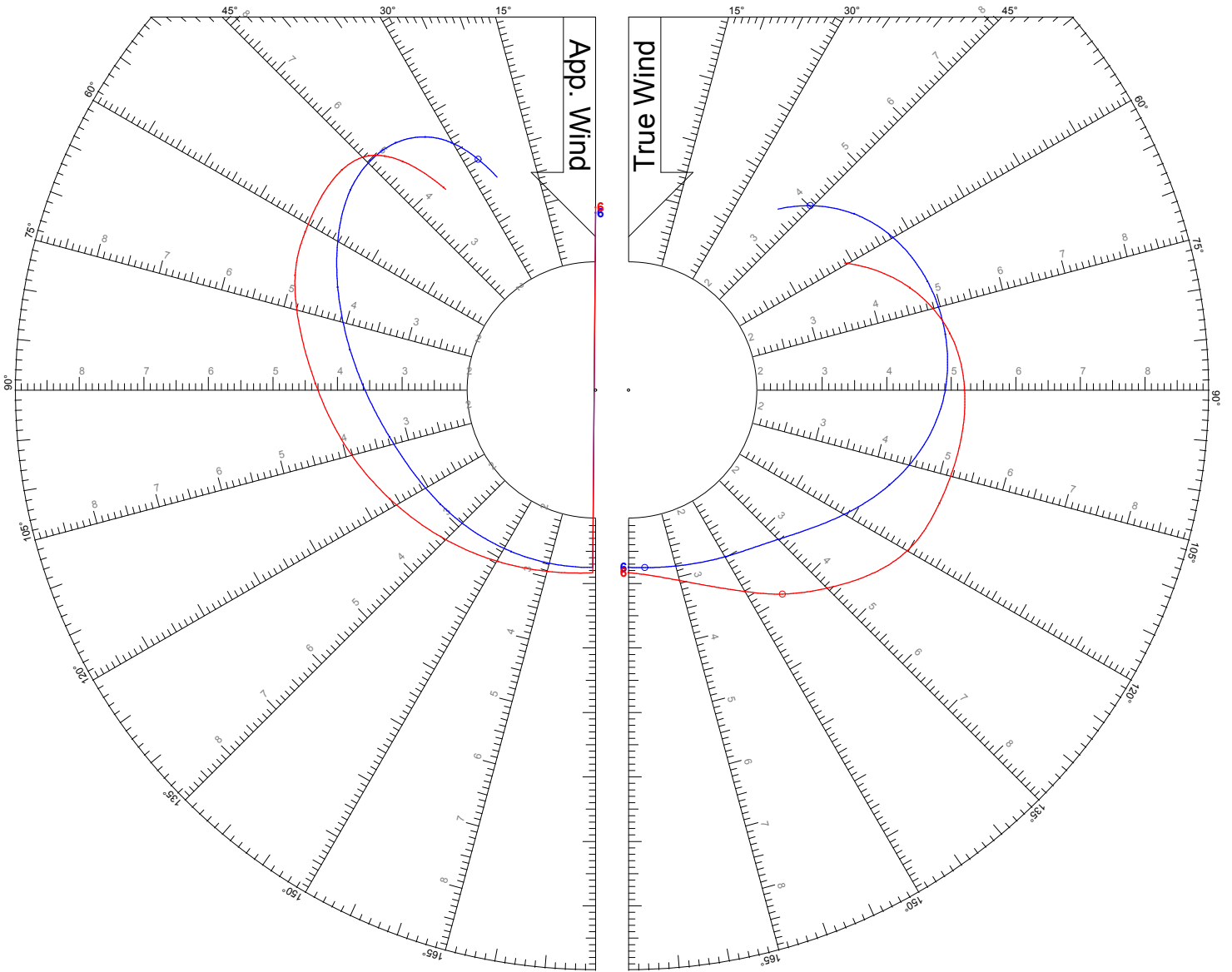
TWS: 6, 8, 10, 12, 14, 16, 20 kts

Jib

Asymmetric Spinnaker on Pole



World Leader in Rating Technology



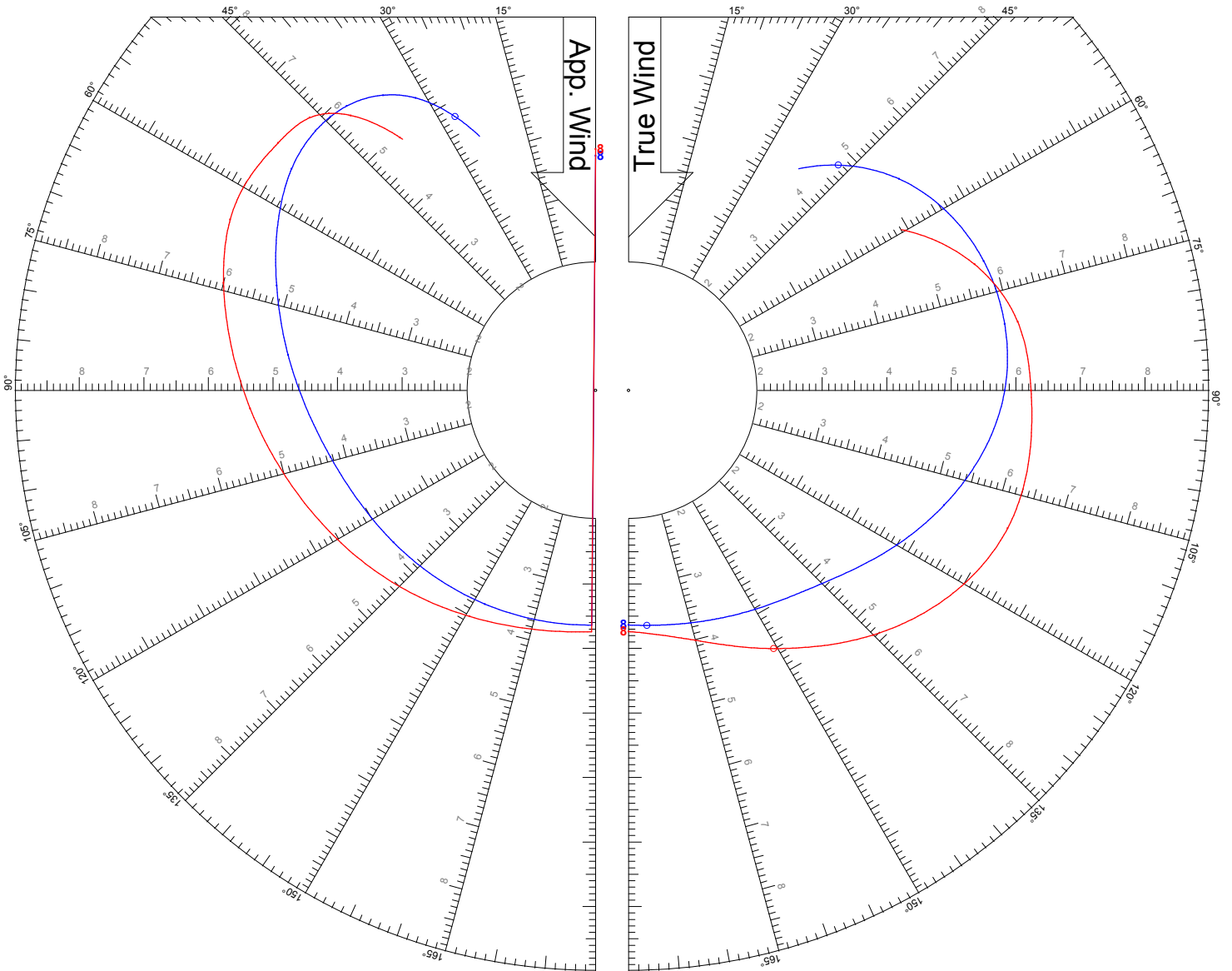
TWS: 6 kts

Jib

Asymmetric Spinnaker on Pole



World Leader in Rating Technology



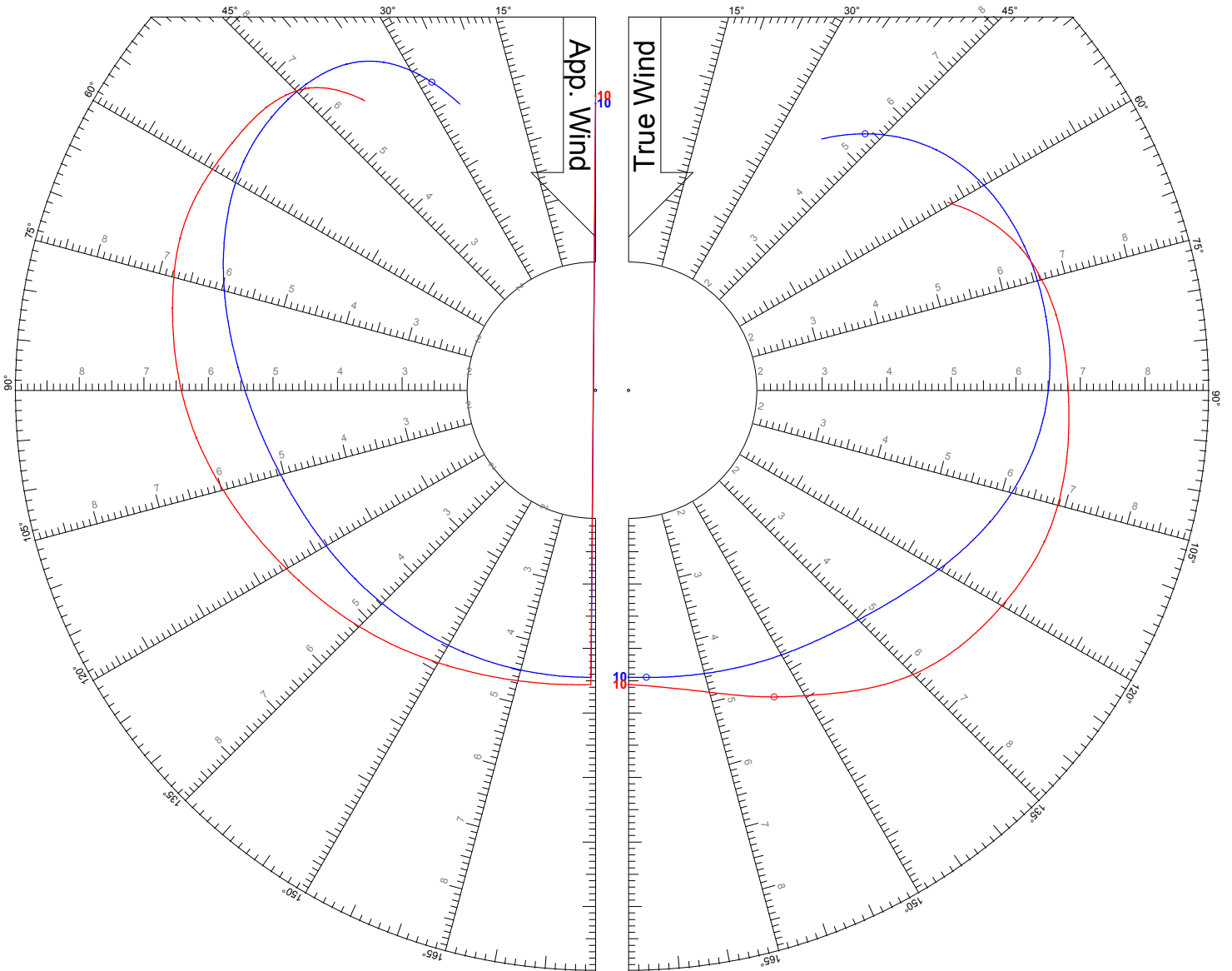
TWS: 8 kts

Jib

Asymmetric Spinnaker on Pole



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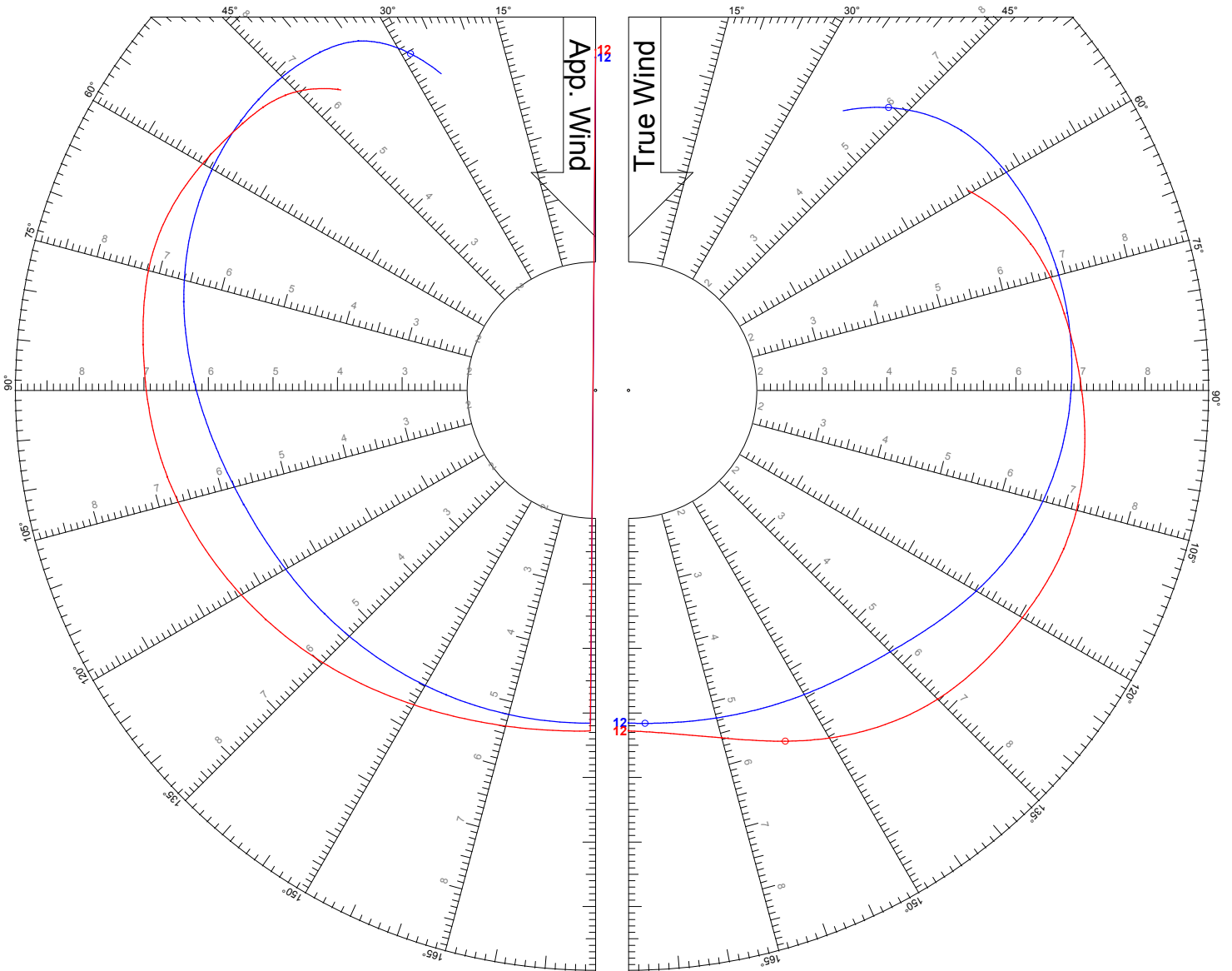
TWS: 10 kts

Jib

Asymmetric Spinnaker on Pole



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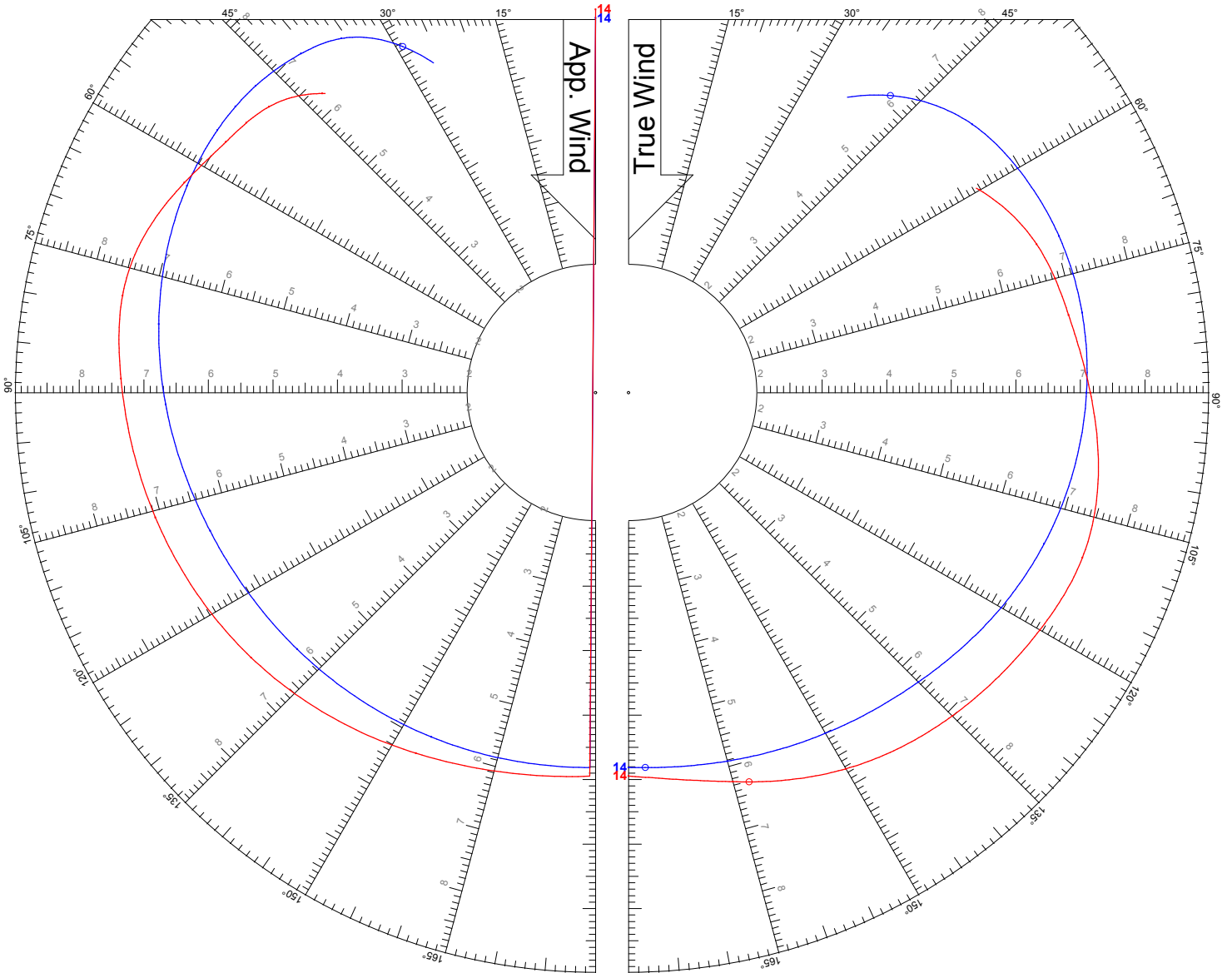
TWS: 12 kts

Jib

Asymmetric Spinnaker on Pole



World Leader in Rating Technology



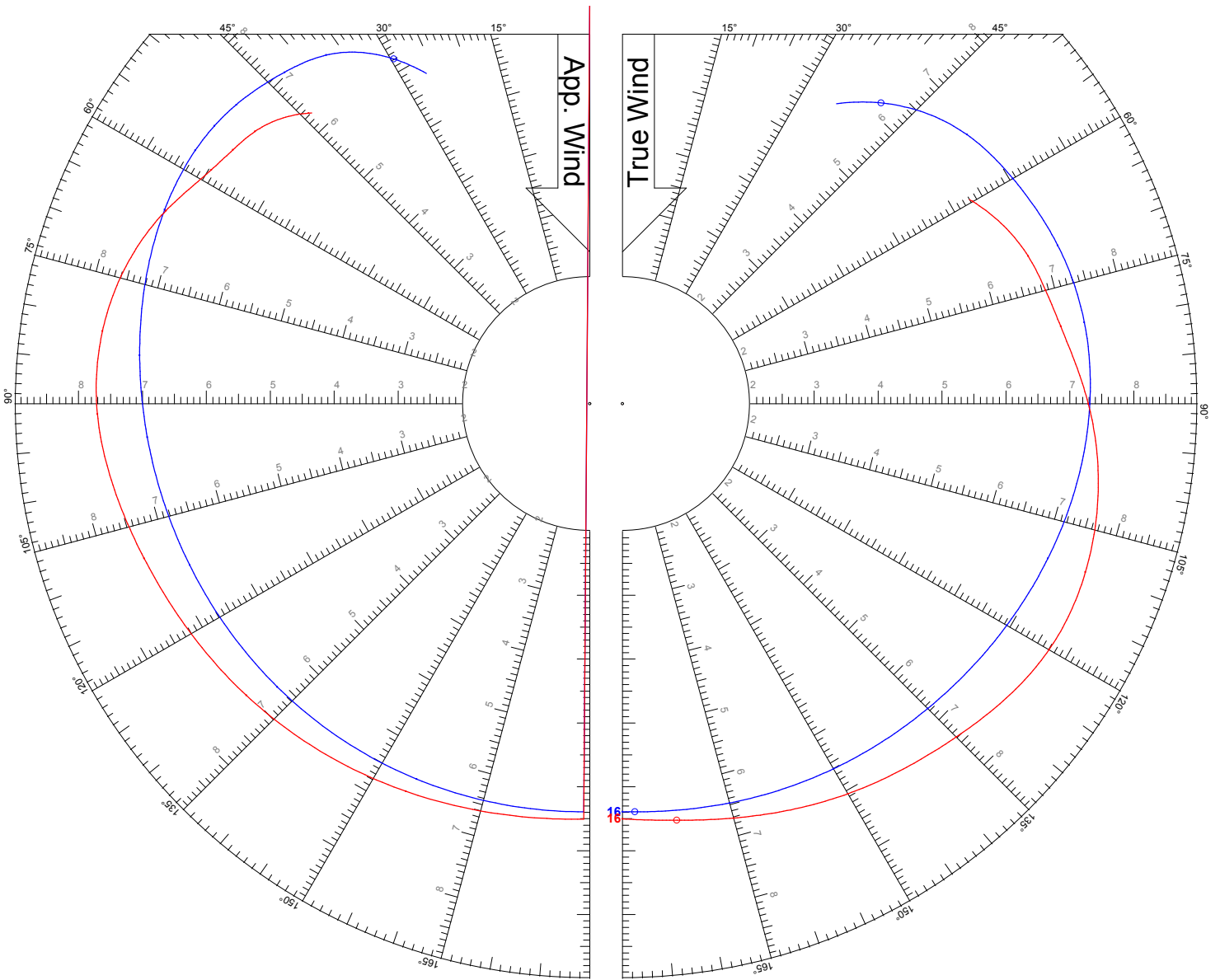
TWS: 14 kts

Jib

Asymmetric Spinnaker on Pole



World Leader in Rating Technology



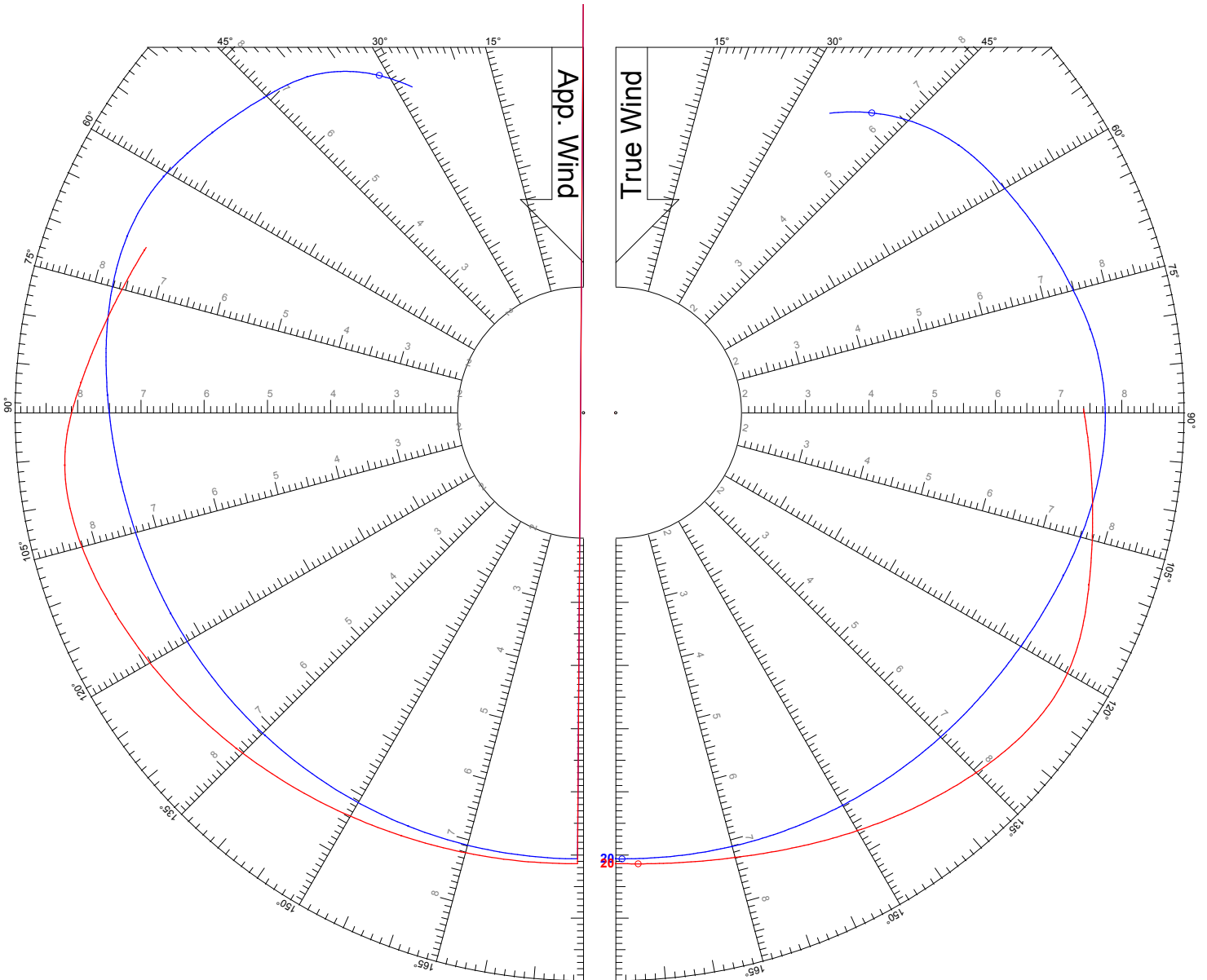
TWS: 16 kts

Jib

Asymmetric Spinnaker on Pole



World Leader in Rating Technology



TWS: 20 kts

Jib

Asymmetric Spinnaker on Pole

Standard Keel, Best Performance



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| TWS = 6 Kts | | | | | | | |
|-------------|------|------|------|--------|-------|------|------|
| TWA | BTV | VMG | AWS | AWA | Heel | Reef | Flat |
| 44,6° (b) | 4,01 | 2,86 | 9,30 | 26,9° | 4,4° | 1,00 | 0,97 |
| 52° | 4,44 | 2,73 | 9,41 | 30,2° | 4,6° | 1,00 | 1,00 |
| 60° | 4,73 | 2,37 | 9,31 | 33,9° | 4,5° | 1,00 | 1,00 |
| 70° | 4,93 | 1,69 | 8,97 | 38,9° | 4,1° | 1,00 | 1,00 |
| 75° | 4,97 | 1,29 | 8,73 | 41,6° | 3,8° | 1,00 | 1,00 |
| 80° | 5,06 | 0,88 | 8,49 | 44,1° | 12,0° | 1,00 | 1,00 |
| 90° | 5,21 | 0,00 | 7,94 | 49,1° | 11,5° | 1,00 | 1,00 |
| 110° | 5,13 | 1,75 | 6,42 | 61,4° | 9,7° | 1,00 | 1,00 |
| 120° | 4,98 | 2,49 | 5,56 | 69,1° | 7,5° | 1,00 | 1,00 |
| 135° | 4,34 | 3,07 | 4,24 | 88,6° | 5,2° | 1,00 | 1,00 |
| 150° | 3,61 | 3,12 | 3,39 | 117,9° | 4,0° | 1,00 | 1,00 |
| 165° | 3,06 | 2,95 | 3,15 | 150,4° | 3,6° | 1,00 | 1,00 |
| 180° | 2,83 | 2,83 | 3,17 | 0,0° | 3,5° | 1,00 | 1,00 |
| 143,0° (r) | 3,96 | 3,16 | 3,71 | 102,9° | 4,4° | 1,00 | 1,00 |

| TWS = 8 Kts | | | | | | | |
|-------------|------|------|-------|--------|-------|------|------|
| TWA | BTV | VMG | AWS | AWA | Heel | Reef | Flat |
| 43,0° (b) | 4,77 | 3,49 | 11,94 | 27,2° | 8,6° | 1,00 | 0,97 |
| 52° | 5,32 | 3,28 | 12,03 | 31,6° | 9,2° | 1,00 | 1,00 |
| 60° | 5,63 | 2,82 | 11,87 | 35,7° | 8,7° | 1,00 | 1,00 |
| 70° | 5,86 | 2,00 | 11,42 | 41,2° | 7,4° | 1,00 | 1,00 |
| 75° | 5,96 | 1,54 | 11,14 | 43,9° | 16,1° | 1,00 | 0,99 |
| 80° | 6,12 | 1,06 | 10,89 | 46,4° | 16,0° | 1,00 | 1,00 |
| 90° | 6,24 | 0,00 | 10,14 | 52,1° | 15,0° | 1,00 | 1,00 |
| 110° | 6,25 | 2,14 | 8,30 | 64,9° | 11,9° | 1,00 | 1,00 |
| 120° | 6,00 | 3,00 | 7,21 | 73,9° | 10,0° | 1,00 | 1,00 |
| 135° | 5,36 | 3,79 | 5,66 | 93,0° | 6,5° | 1,00 | 1,00 |
| 150° | 4,62 | 4,00 | 4,62 | 120,0° | 4,6° | 1,00 | 1,00 |
| 165° | 4,01 | 3,87 | 4,25 | 150,9° | 3,8° | 1,00 | 1,00 |
| 180° | 3,74 | 3,74 | 4,26 | 0,0° | 3,6° | 1,00 | 1,00 |
| 150,7° (r) | 4,59 | 4,00 | 4,59 | 121,4° | 4,5° | 1,00 | 1,00 |

| TWS = 10 Kts | | | | | | | |
|--------------|------|------|-------|--------|-------|------|------|
| TWA | BTV | VMG | AWS | AWA | Heel | Reef | Flat |
| 42,7° (b) | 5,41 | 3,98 | 14,45 | 28,0° | 14,6° | 1,00 | 0,97 |
| 52° | 6,05 | 3,73 | 14,53 | 32,8° | 15,5° | 1,00 | 1,00 |
| 60° | 6,36 | 3,18 | 14,28 | 37,3° | 14,4° | 1,00 | 1,00 |
| 70° | 6,53 | 2,23 | 13,68 | 43,4° | 12,1° | 1,00 | 1,00 |
| 75° | 6,63 | 1,72 | 13,35 | 46,3° | 22,2° | 1,00 | 0,94 |
| 80° | 6,73 | 1,17 | 12,99 | 49,3° | 21,7° | 1,00 | 0,97 |
| 90° | 6,81 | 0,00 | 12,10 | 55,7° | 20,0° | 1,00 | 1,00 |
| 110° | 6,86 | 2,35 | 10,01 | 69,9° | 13,6° | 1,00 | 1,00 |
| 120° | 6,68 | 3,34 | 8,82 | 79,0° | 11,7° | 1,00 | 1,00 |
| 135° | 6,23 | 4,40 | 7,12 | 96,8° | 8,0° | 1,00 | 1,00 |
| 150° | 5,46 | 4,73 | 5,93 | 122,6° | 5,3° | 1,00 | 1,00 |
| 165° | 4,84 | 4,68 | 5,47 | 151,7° | 4,2° | 1,00 | 1,00 |
| 180° | 4,56 | 4,56 | 5,44 | 0,0° | 3,7° | 1,00 | 1,00 |
| 154,6° (r) | 5,26 | 4,75 | 5,71 | 131,3° | 4,8° | 1,00 | 1,00 |

| TWS = 12 Kts | | | | | | | |
|--------------|------|------|-------|--------|-------|------|------|
| TWA | BTV | VMG | AWS | AWA | Heel | Reef | Flat |
| 42,6° (b) | 5,95 | 4,38 | 16,87 | 28,8° | 21,7° | 1,00 | 0,95 |
| 52° | 6,54 | 4,03 | 16,84 | 34,2° | 22,1° | 1,00 | 0,98 |
| 60° | 6,76 | 3,38 | 16,45 | 39,2° | 20,9° | 1,00 | 1,00 |
| 70° | 6,88 | 2,35 | 15,74 | 45,8° | 17,3° | 1,00 | 1,00 |
| 75° | 6,90 | 1,79 | 15,31 | 49,2° | 15,3° | 1,00 | 1,00 |
| 80° | 6,90 | 1,20 | 14,85 | 52,7° | 13,3° | 1,00 | 1,00 |
| 90° | 7,02 | 0,00 | 13,90 | 59,7° | 22,5° | 0,97 | 0,92 |
| 110° | 7,18 | 2,45 | 11,69 | 74,8° | 16,0° | 1,00 | 1,00 |
| 120° | 7,05 | 3,52 | 10,44 | 84,3° | 13,0° | 1,00 | 1,00 |
| 135° | 6,77 | 4,79 | 8,66 | 101,4° | 9,6° | 1,00 | 1,00 |
| 150° | 6,22 | 5,39 | 7,31 | 124,8° | 6,2° | 1,00 | 1,00 |
| 165° | 5,58 | 5,39 | 6,77 | 152,7° | 4,6° | 1,00 | 1,00 |
| 180° | 5,28 | 5,28 | 6,72 | 0,0° | 4,0° | 1,00 | 1,00 |
| 155,9° (r) | 5,96 | 5,44 | 7,00 | 135,6° | 5,4° | 1,00 | 1,00 |

| TWS = 14 Kts | | | | | | | |
|--------------|------|------|-------|--------|-------|------|------|
| TWA | BTV | VMG | AWS | AWA | Heel | Reef | Flat |
| 41,4° (b) | 6,14 | 4,60 | 19,04 | 29,1° | 25,8° | 1,00 | 0,86 |
| 52° | 6,76 | 4,16 | 18,93 | 35,7° | 28,2° | 1,00 | 0,93 |
| 60° | 6,96 | 3,48 | 18,49 | 41,0° | 26,7° | 1,00 | 0,96 |
| 70° | 7,10 | 2,43 | 17,73 | 47,9° | 23,4° | 1,00 | 1,00 |
| 75° | 7,13 | 1,84 | 17,28 | 51,5° | 20,5° | 1,00 | 1,00 |
| 80° | 7,14 | 1,24 | 16,78 | 55,2° | 17,7° | 1,00 | 1,00 |
| 90° | 7,15 | 0,00 | 15,72 | 62,9° | 22,5° | 0,92 | 0,85 |
| 110° | 7,48 | 2,56 | 13,43 | 78,4° | 19,7° | 1,00 | 1,00 |
| 120° | 7,36 | 3,68 | 12,13 | 88,3° | 15,3° | 1,00 | 1,00 |
| 135° | 7,09 | 5,01 | 10,29 | 105,8° | 11,0° | 1,00 | 1,00 |
| 150° | 6,73 | 5,83 | 8,83 | 127,6° | 7,3° | 1,00 | 1,00 |
| 165° | 6,25 | 6,03 | 8,13 | 153,5° | 5,1° | 1,00 | 1,00 |
| 180° | 5,94 | 5,94 | 8,06 | 0,0° | 4,2° | 1,00 | 1,00 |
| 162,8° (r) | 6,32 | 6,04 | 8,18 | 149,6° | 5,3° | 1,00 | 1,00 |

| TWS = 16 Kts | | | | | | | |
|--------------|------|------|-------|--------|-------|------|------|
| TWA | BTV | VMG | AWS | AWA | Heel | Reef | Flat |
| 40,7° (b) | 6,21 | 4,71 | 21,10 | 29,6° | 26,9° | 1,00 | 0,74 |
| 52° | 6,84 | 4,21 | 20,92 | 37,1° | 29,5° | 1,00 | 0,81 |
| 60° | 7,05 | 3,53 | 20,46 | 42,6° | 30,4° | 1,00 | 0,89 |
| 70° | 7,25 | 2,48 | 19,69 | 49,8° | 28,5° | 1,00 | 0,96 |
| 75° | 7,31 | 1,89 | 19,23 | 53,5° | 26,9° | 1,00 | 1,00 |
| 80° | 7,34 | 1,27 | 18,72 | 57,3° | 23,0° | 1,00 | 1,00 |
| 90° | 7,31 | 0,00 | 17,59 | 65,4° | 16,3° | 1,00 | 1,00 |
| 110° | 7,71 | 2,64 | 15,20 | 81,5° | 22,2° | 0,99 | 0,94 |
| 120° | 7,71 | 3,85 | 13,86 | 91,2° | 17,1° | 1,00 | 1,00 |
| 135° | 7,38 | 5,22 | 11,98 | 109,2° | 12,0° | 1,00 | 1,00 |
| 150° | 7,05 | 6,11 | 10,50 | 130,4° | 8,6° | 1,00 | 1,00 |
| 165° | 6,72 | 6,49 | 9,67 | 154,6° | 5,7° | 1,00 | 1,00 |
| 180° | 6,50 | 6,50 | 9,50 | 0,0° | 4,6° | 1,00 | 1,00 |
| 172,6° (r) | 6,58 | 6,52 | 9,51 | 167,5° | 5,0° | 1,00 | 1,00 |

| TWS = 20 Kts | | | | | | | |
|--------------|------|------|-------|--------|-------|------|------|
| TWA | BTV | VMG | AWS | AWA | Heel | Reef | Flat |
| 40,5° (b) | 6,24 | 4,75 | 25,08 | 31,2° | 27,1° | 0,92 | 0,58 |
| 52° | 6,88 | 4,24 | 24,84 | 39,4° | 29,9° | 1,00 | 0,61 |
| 60° | 7,10 | 3,55 | 24,34 | 45,4° | 31,1° | 1,00 | 0,68 |
| 70° | 7,36 | 2,52 | 23,55 | 52,9° | 32,3° | 1,00 | 0,79 |
| 75° | 7,49 | 1,94 | 23,10 | 56,7° | 32,5° | 1,00 | 0,86 |
| 80° | 7,62 | 1,32 | 22,61 | 60,6° | 32,3° | 1,00 | 0,94 |
| 90° | 7,74 | 0,00 | 21,45 | 68,8° | 26,4° | 1,00 | 1,00 |
| 110° | 7,96 | 2,72 | 18,83 | 86,6° | 22,1° | 0,86 | 0,96 |
| 120° | 8,25 | 4,12 | 17,41 | 95,8° | 22,2° | 0,97 | 0,95 |
| 135° | 8,06 | 5,70 | 15,40 | 113,3° | 15,2° | 1,00 | 1,00 |
| 150° | 7,64 | 6,62 | 13,92 | 134,1° | 11,2° | 1,00 | 1,00 |
| 165° | 7,29 | 7,04 | 13,10 | 156,7° | 7,5° | 1,00 | 1,00 |
| 180° | 7,14 | 7,14 | 12,86 | 0,0° | 5,6° | 1,00 | 1,00 |
| 177,2° (r) | 7,15 | 7,14 | 12,86 | 175,6° | 5,8° | 1,00 | 1,00 |



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| TWS = 6 Kts | | | | | | | |
|-------------|------|------|------|--------|------|------|------|
| TWA | BTV | VMG | AWS | AWA | Heel | Reef | Flat |
| 44,6° (b) | 4,01 | 2,86 | 9,00 | 26,3° | 4,4° | 1,00 | 0,97 |
| 52° | 4,44 | 2,73 | 9,12 | 29,4° | 4,6° | 1,00 | 1,00 |
| 60° | 4,73 | 2,37 | 9,04 | 33,0° | 4,5° | 1,00 | 1,00 |
| 70° | 4,93 | 1,69 | 8,71 | 37,8° | 4,1° | 1,00 | 1,00 |
| 75° | 4,97 | 1,29 | 8,47 | 40,4° | 3,8° | 1,00 | 1,00 |
| 80° | 4,98 | 0,87 | 8,19 | 43,2° | 3,5° | 1,00 | 1,00 |
| 90° | 4,91 | 0,00 | 7,51 | 49,2° | 2,9° | 1,00 | 1,00 |
| 110° | 4,30 | 1,47 | 5,85 | 66,3° | 1,6° | 1,00 | 1,00 |
| 120° | 3,86 | 1,93 | 5,04 | 78,5° | 1,1° | 1,00 | 1,00 |
| 135° | 3,27 | 2,32 | 4,10 | 100,6° | 0,7° | 1,00 | 1,00 |
| 150° | 2,98 | 2,59 | 3,45 | 124,4° | 0,5° | 1,00 | 1,00 |
| 165° | 2,83 | 2,73 | 3,06 | 151,2° | 0,3° | 1,00 | 1,00 |
| 180° | 2,75 | 2,75 | 2,95 | 180,0° | 0,1° | 1,00 | 1,00 |
| 174,8° (r) | 2,77 | 2,75 | 2,96 | 170,0° | 0,1° | 1,00 | 1,00 |

| TWS = 8 Kts | | | | | | | |
|-------------|------|------|-------|--------|------|------|------|
| TWA | BTV | VMG | AWS | AWA | Heel | Reef | Flat |
| 43,0° (b) | 4,77 | 3,49 | 11,52 | 26,3° | 8,6° | 1,00 | 0,97 |
| 52° | 5,32 | 3,28 | 11,60 | 30,6° | 9,2° | 1,00 | 1,00 |
| 60° | 5,63 | 2,82 | 11,45 | 34,6° | 8,7° | 1,00 | 1,00 |
| 70° | 5,86 | 2,00 | 11,02 | 39,9° | 7,4° | 1,00 | 1,00 |
| 75° | 5,90 | 1,53 | 10,72 | 42,8° | 6,6° | 1,00 | 1,00 |
| 80° | 5,92 | 1,03 | 10,38 | 45,8° | 5,7° | 1,00 | 1,00 |
| 90° | 5,83 | 0,00 | 9,56 | 52,4° | 4,3° | 1,00 | 1,00 |
| 110° | 5,20 | 1,78 | 7,59 | 70,0° | 2,3° | 1,00 | 1,00 |
| 120° | 4,80 | 2,40 | 6,65 | 81,4° | 1,7° | 1,00 | 1,00 |
| 135° | 4,24 | 3,00 | 5,49 | 102,0° | 1,1° | 1,00 | 1,00 |
| 150° | 3,92 | 3,39 | 4,64 | 125,0° | 0,8° | 1,00 | 1,00 |
| 165° | 3,73 | 3,60 | 4,11 | 151,4° | 0,5° | 1,00 | 1,00 |
| 180° | 3,64 | 3,64 | 3,96 | 180,0° | 0,1° | 1,00 | 1,00 |
| 175,5° (r) | 3,65 | 3,64 | 3,97 | 171,4° | 0,2° | 1,00 | 1,00 |

| TWS = 10 Kts | | | | | | | |
|--------------|------|------|-------|--------|-------|------|------|
| TWA | BTV | VMG | AWS | AWA | Heel | Reef | Flat |
| 42,7° (b) | 5,41 | 3,98 | 13,82 | 26,7° | 14,6° | 1,00 | 0,97 |
| 52° | 6,05 | 3,73 | 13,87 | 31,2° | 15,5° | 1,00 | 1,00 |
| 60° | 6,36 | 3,18 | 13,63 | 35,6° | 14,4° | 1,00 | 1,00 |
| 70° | 6,53 | 2,23 | 13,08 | 41,7° | 12,1° | 1,00 | 1,00 |
| 75° | 6,56 | 1,70 | 12,73 | 44,9° | 10,8° | 1,00 | 1,00 |
| 80° | 6,57 | 1,14 | 12,34 | 48,3° | 9,4° | 1,00 | 1,00 |
| 90° | 6,50 | 0,00 | 11,45 | 55,4° | 6,5° | 1,00 | 1,00 |
| 110° | 5,96 | 2,04 | 9,31 | 73,1° | 3,2° | 1,00 | 1,00 |
| 120° | 5,55 | 2,77 | 8,26 | 84,4° | 2,3° | 1,00 | 1,00 |
| 135° | 5,03 | 3,56 | 6,92 | 104,1° | 1,6° | 1,00 | 1,00 |
| 150° | 4,73 | 4,10 | 5,89 | 126,3° | 1,2° | 1,00 | 1,00 |
| 165° | 4,54 | 4,39 | 5,24 | 152,0° | 0,7° | 1,00 | 1,00 |
| 180° | 4,45 | 4,45 | 5,05 | 180,0° | 0,2° | 1,00 | 1,00 |
| 176,5° (r) | 4,46 | 4,45 | 5,06 | 173,3° | 0,3° | 1,00 | 1,00 |

| TWS = 12 Kts | | | | | | | |
|--------------|------|------|-------|--------|-------|------|------|
| TWA | BTV | VMG | AWS | AWA | Heel | Reef | Flat |
| 42,6° (b) | 5,95 | 4,38 | 15,91 | 26,5° | 21,7° | 1,00 | 0,95 |
| 52° | 6,54 | 4,03 | 15,79 | 31,4° | 22,1° | 1,00 | 0,98 |
| 60° | 6,76 | 3,38 | 15,39 | 36,4° | 20,9° | 1,00 | 1,00 |
| 70° | 6,88 | 2,35 | 14,79 | 43,4° | 17,3° | 1,00 | 1,00 |
| 75° | 6,90 | 1,79 | 14,43 | 47,0° | 15,3° | 1,00 | 1,00 |
| 80° | 6,90 | 1,20 | 14,04 | 50,8° | 13,3° | 1,00 | 1,00 |
| 90° | 6,86 | 0,00 | 13,15 | 58,6° | 9,3° | 1,00 | 1,00 |
| 110° | 6,53 | 2,23 | 11,00 | 76,2° | 4,1° | 1,00 | 1,00 |
| 120° | 6,22 | 3,11 | 9,87 | 87,0° | 3,1° | 1,00 | 1,00 |
| 135° | 5,73 | 4,05 | 8,38 | 106,1° | 2,2° | 1,00 | 1,00 |
| 150° | 5,44 | 4,71 | 7,22 | 127,9° | 1,7° | 1,00 | 1,00 |
| 165° | 5,26 | 5,08 | 6,47 | 152,9° | 1,0° | 1,00 | 1,00 |
| 180° | 5,16 | 5,16 | 6,24 | 180,0° | 0,3° | 1,00 | 1,00 |
| 177,2° (r) | 5,17 | 5,16 | 6,24 | 174,8° | 0,4° | 1,00 | 1,00 |

| TWS = 14 Kts | | | | | | | |
|--------------|------|------|-------|--------|-------|------|------|
| TWA | BTV | VMG | AWS | AWA | Heel | Reef | Flat |
| 41,4° (b) | 6,14 | 4,60 | 17,76 | 26,0° | 25,8° | 1,00 | 0,86 |
| 52° | 6,76 | 4,16 | 17,35 | 31,5° | 28,2° | 1,00 | 0,93 |
| 60° | 6,96 | 3,48 | 16,87 | 36,9° | 26,7° | 1,00 | 0,96 |
| 70° | 7,10 | 2,43 | 16,20 | 44,3° | 23,4° | 1,00 | 1,00 |
| 75° | 7,13 | 1,84 | 15,90 | 48,5° | 20,5° | 1,00 | 1,00 |
| 80° | 7,14 | 1,24 | 15,56 | 52,7° | 17,7° | 1,00 | 1,00 |
| 90° | 7,10 | 0,00 | 14,75 | 61,2° | 12,5° | 1,00 | 1,00 |
| 110° | 6,85 | 2,34 | 12,65 | 79,5° | 5,4° | 1,00 | 1,00 |
| 120° | 6,67 | 3,33 | 11,49 | 89,9° | 4,0° | 1,00 | 1,00 |
| 135° | 6,35 | 4,49 | 9,87 | 108,0° | 2,9° | 1,00 | 1,00 |
| 150° | 6,10 | 5,28 | 8,57 | 129,2° | 2,2° | 1,00 | 1,00 |
| 165° | 5,91 | 5,71 | 7,74 | 153,6° | 1,4° | 1,00 | 1,00 |
| 180° | 5,81 | 5,81 | 7,49 | 180,0° | 0,4° | 1,00 | 1,00 |
| 177,4° (r) | 5,82 | 5,81 | 7,49 | 175,4° | 0,6° | 1,00 | 1,00 |

| TWS = 16 Kts | | | | | | | |
|--------------|------|------|-------|--------|-------|------|------|
| TWA | BTV | VMG | AWS | AWA | Heel | Reef | Flat |
| 40,7° (b) | 6,21 | 4,71 | 19,57 | 26,3° | 26,9° | 1,00 | 0,74 |
| 52° | 6,84 | 4,21 | 18,99 | 32,5° | 29,5° | 1,00 | 0,81 |
| 60° | 7,05 | 3,53 | 18,25 | 37,5° | 30,4° | 1,00 | 0,89 |
| 70° | 7,25 | 2,48 | 17,43 | 44,9° | 28,5° | 1,00 | 0,96 |
| 75° | 7,31 | 1,89 | 17,05 | 49,0° | 26,9° | 1,00 | 1,00 |
| 80° | 7,34 | 1,27 | 16,85 | 53,8° | 23,0° | 1,00 | 1,00 |
| 90° | 7,31 | 0,00 | 16,24 | 63,2° | 16,3° | 1,00 | 1,00 |
| 110° | 7,08 | 2,42 | 14,27 | 82,4° | 7,5° | 1,00 | 1,00 |
| 120° | 6,94 | 3,47 | 13,12 | 92,8° | 5,2° | 1,00 | 1,00 |
| 135° | 6,75 | 4,78 | 11,44 | 110,4° | 3,8° | 1,00 | 1,00 |
| 150° | 6,60 | 5,72 | 10,03 | 130,8° | 2,8° | 1,00 | 1,00 |
| 165° | 6,47 | 6,25 | 9,10 | 154,4° | 1,8° | 1,00 | 1,00 |
| 180° | 6,39 | 6,39 | 8,81 | 180,0° | 0,5° | 1,00 | 1,00 |
| 178,3° (r) | 6,40 | 6,39 | 8,81 | 177,0° | 0,7° | 1,00 | 1,00 |

| TWS = 20 Kts | | | | | | | |
|--------------|------|------|-------|--------|-------|------|------|
| TWA | BTV | VMG | AWS | AWA | Heel | Reef | Flat |
| 40,5° (b) | 6,24 | 4,75 | 22,90 | 27,7° | 27,1° | 0,92 | 0,58 |
| 52° | 6,88 | 4,24 | 22,31 | 34,7° | 29,9° | 1,00 | 0,61 |
| 60° | 7,10 | 3,55 | 21,40 | 40,0° | 31,1° | 1,00 | 0,68 |
| 70° | 7,36 | 2,52 | 20,11 | 47,1° | 32,3° | 1,00 | 0,79 |
| 75° | 7,49 | 1,94 | 19,46 | 50,8° | 32,5° | 1,00 | 0,86 |
| 80° | 7,62 | 1,32 | 18,85 | 54,9° | 32,3° | 1,00 | 0,94 |
| 90° | 7,74 | 0,00 | 18,44 | 65,2° | 26,4° | 1,00 | 1,00 |
| 110° | 7,53 | 2,58 | 17,33 | 86,5° | 13,3° | 1,00 | 1,00 |
| 120° | 7,39 | 3,70 | 16,30 | 97,3° | 10,0° | 1,00 | 1,00 |
| 135° | 7,26 | 5,13 | 14,67 | 114,8° | 7,0° | 1,00 | 1,00 |
| 150° | 7,17 | 6,21 | 13,25 | 134,4° | 4,5° | 1,00 | 1,00 |
| 165° | 7,11 | 6,86 | 12,27 | 156,4° | 2,8° | 1,00 | 1,00 |
| 180° | 7,06 | 7,06 | 11,94 | 180,0° | 0,9° | 1,00 | 1,00 |
| 179,2° (r) | 7,06 | 7,06 | 11,94 | 178,7° | 1,0° | 1,00 | 1,00 |

Standard Keel, Asymmetric Spinnaker on CL



World Leader in Rating Technology

| TWS = 6 Kts | | | | | | | |
|-------------|------|------|------|--------|-------|------|------|
| TWA | BTV | VMG | AWS | AWA | Heel | Reef | Flat |
| 60° | 3,93 | 1,96 | 8,47 | 36,0° | 10,8° | 1,00 | 0,98 |
| 70° | 4,64 | 1,59 | 8,55 | 39,0° | 11,7° | 1,00 | 0,99 |
| 75° | 4,88 | 1,26 | 8,45 | 40,8° | 12,0° | 1,00 | 0,99 |
| 80° | 5,06 | 0,88 | 8,28 | 42,9° | 12,0° | 1,00 | 1,00 |
| 90° | 5,21 | 0,00 | 7,74 | 47,7° | 11,5° | 1,00 | 1,00 |
| 110° | 5,13 | 1,75 | 6,26 | 60,1° | 9,7° | 1,00 | 1,00 |
| 120° | 4,98 | 2,49 | 5,44 | 67,8° | 7,5° | 1,00 | 1,00 |
| 135° | 4,34 | 3,07 | 4,13 | 87,3° | 5,2° | 1,00 | 1,00 |
| 150° | 3,61 | 3,12 | 3,28 | 116,7° | 4,0° | 1,00 | 1,00 |
| 165° | 3,06 | 2,95 | 3,02 | 149,8° | 3,6° | 1,00 | 1,00 |
| 180° | 2,83 | 2,83 | 3,04 | 180,0° | 3,5° | 1,00 | 1,00 |
| 154,0° (r) | 3,96 | 3,16 | 3,59 | 101,6° | 4,4° | 1,00 | 1,00 |

| TWS = 8 Kts | | | | | | | |
|-------------|------|------|-------|--------|-------|------|------|
| TWA | BTV | VMG | AWS | AWA | Heel | Reef | Flat |
| 60° | 4,95 | 2,48 | 11,00 | 36,5° | 14,2° | 1,00 | 0,97 |
| 70° | 5,71 | 1,95 | 10,93 | 40,0° | 15,9° | 1,00 | 0,99 |
| 75° | 5,96 | 1,54 | 10,75 | 42,2° | 16,1° | 1,00 | 0,99 |
| 80° | 6,12 | 1,06 | 10,49 | 44,6° | 16,0° | 1,00 | 1,00 |
| 90° | 6,24 | 0,00 | 9,77 | 50,3° | 15,0° | 1,00 | 1,00 |
| 110° | 6,25 | 2,14 | 8,02 | 63,4° | 11,9° | 1,00 | 1,00 |
| 120° | 6,00 | 3,00 | 6,98 | 72,5° | 10,0° | 1,00 | 1,00 |
| 135° | 5,36 | 3,79 | 5,49 | 91,7° | 6,5° | 1,00 | 1,00 |
| 150° | 4,62 | 4,00 | 4,45 | 118,9° | 4,6° | 1,00 | 1,00 |
| 165° | 4,01 | 3,87 | 4,08 | 150,3° | 3,8° | 1,00 | 1,00 |
| 180° | 3,74 | 3,74 | 4,08 | 180,0° | 3,6° | 1,00 | 1,00 |
| 150,7° (r) | 4,59 | 4,00 | 4,42 | 120,3° | 4,5° | 1,00 | 1,00 |

| TWS = 10 Kts | | | | | | | |
|--------------|------|------|-------|--------|-------|------|------|
| TWA | BTV | VMG | AWS | AWA | Heel | Reef | Flat |
| 60° | 5,78 | 2,89 | 13,26 | 36,7° | 19,4° | 1,00 | 0,96 |
| 70° | 6,46 | 2,21 | 12,88 | 40,7° | 22,4° | 1,00 | 0,93 |
| 75° | 6,63 | 1,72 | 12,57 | 43,4° | 22,2° | 1,00 | 0,94 |
| 80° | 6,73 | 1,17 | 12,21 | 46,5° | 21,7° | 1,00 | 0,97 |
| 90° | 6,81 | 0,00 | 11,37 | 53,2° | 20,0° | 1,00 | 1,00 |
| 110° | 6,86 | 2,35 | 9,57 | 68,4° | 13,6° | 1,00 | 1,00 |
| 120° | 6,68 | 3,34 | 8,46 | 77,7° | 11,7° | 1,00 | 1,00 |
| 135° | 6,23 | 4,40 | 6,87 | 95,6° | 8,0° | 1,00 | 1,00 |
| 150° | 5,46 | 4,73 | 5,72 | 121,7° | 5,3° | 1,00 | 1,00 |
| 165° | 4,84 | 4,68 | 5,25 | 151,2° | 4,2° | 1,00 | 1,00 |
| 180° | 4,56 | 4,56 | 5,22 | 180,0° | 3,7° | 1,00 | 1,00 |
| 154,6° (r) | 5,26 | 4,75 | 5,50 | 130,5° | 4,8° | 1,00 | 1,00 |

| TWS = 12 Kts | | | | | | | |
|--------------|------|------|-------|--------|-------|------|------|
| TWA | BTV | VMG | AWS | AWA | Heel | Reef | Flat |
| 60° | 6,14 | 3,07 | 15,03 | 37,7° | 22,8° | 0,95 | 0,87 |
| 70° | 6,63 | 2,27 | 14,52 | 43,3° | 22,7° | 0,94 | 0,85 |
| 75° | 6,77 | 1,75 | 14,15 | 46,5° | 22,6° | 0,94 | 0,86 |
| 80° | 6,86 | 1,19 | 13,72 | 49,8° | 22,5° | 0,95 | 0,88 |
| 90° | 7,02 | 0,00 | 12,77 | 56,6° | 22,5° | 0,97 | 0,92 |
| 110° | 7,18 | 2,45 | 11,01 | 73,2° | 16,0° | 1,00 | 1,00 |
| 120° | 7,05 | 3,52 | 9,94 | 83,1° | 13,0° | 1,00 | 1,00 |
| 135° | 6,77 | 4,79 | 8,30 | 100,5° | 9,6° | 1,00 | 1,00 |
| 150° | 6,22 | 5,39 | 7,03 | 124,0° | 6,2° | 1,00 | 1,00 |
| 165° | 5,58 | 5,39 | 6,50 | 152,3° | 4,6° | 1,00 | 1,00 |
| 180° | 5,28 | 5,28 | 6,45 | 180,0° | 4,0° | 1,00 | 1,00 |
| 155,9° (r) | 5,96 | 5,44 | 6,73 | 134,9° | 5,4° | 1,00 | 1,00 |

| TWS = 14 Kts | | | | | | | |
|--------------|------|------|-------|--------|-------|------|------|
| TWA | BTV | VMG | AWS | AWA | Heel | Reef | Flat |
| 60° | 6,28 | 3,14 | 16,72 | 39,4° | 22,9° | 0,88 | 0,81 |
| 70° | 6,73 | 2,30 | 16,12 | 45,6° | 22,7° | 0,88 | 0,81 |
| 75° | 6,84 | 1,77 | 15,69 | 49,1° | 22,7° | 0,88 | 0,82 |
| 80° | 6,92 | 1,20 | 15,22 | 52,6° | 22,7° | 0,89 | 0,83 |
| 90° | 7,15 | 0,00 | 14,28 | 59,9° | 22,5° | 0,92 | 0,85 |
| 110° | 7,48 | 2,56 | 12,34 | 76,7° | 19,7° | 1,00 | 1,00 |
| 120° | 7,36 | 3,68 | 11,39 | 87,2° | 15,3° | 1,00 | 1,00 |
| 135° | 7,09 | 5,01 | 9,82 | 105,1° | 11,0° | 1,00 | 1,00 |
| 150° | 6,73 | 5,83 | 8,49 | 127,0° | 7,3° | 1,00 | 1,00 |
| 165° | 6,25 | 6,03 | 7,81 | 153,2° | 5,1° | 1,00 | 1,00 |
| 180° | 5,94 | 5,94 | 7,74 | 180,0° | 4,2° | 1,00 | 1,00 |
| 162,8° (r) | 6,32 | 6,04 | 7,86 | 149,2° | 5,3° | 1,00 | 1,00 |

| TWS = 16 Kts | | | | | | | |
|--------------|------|------|-------|--------|-------|------|------|
| TWA | BTV | VMG | AWS | AWA | Heel | Reef | Flat |
| 60° | 6,33 | 3,16 | 18,37 | 40,9° | 23,3° | 0,85 | 0,71 |
| 70° | 6,75 | 2,31 | 17,70 | 47,6° | 23,0° | 0,85 | 0,72 |
| 75° | 6,86 | 1,77 | 17,22 | 51,3° | 23,2° | 0,85 | 0,74 |
| 80° | 6,96 | 1,21 | 16,74 | 55,1° | 22,9° | 0,85 | 0,75 |
| 90° | 7,29 | 0,00 | 15,82 | 62,6° | 22,3° | 0,87 | 0,83 |
| 110° | 7,71 | 2,64 | 13,65 | 79,8° | 22,2° | 0,99 | 0,94 |
| 120° | 7,71 | 3,85 | 12,86 | 90,3° | 17,1° | 1,00 | 1,00 |
| 135° | 7,38 | 5,22 | 11,39 | 108,7° | 12,0° | 1,00 | 1,00 |
| 150° | 7,05 | 6,11 | 10,08 | 130,0° | 8,6° | 1,00 | 1,00 |
| 165° | 6,72 | 6,49 | 9,30 | 154,3° | 5,7° | 1,00 | 1,00 |
| 180° | 6,50 | 6,50 | 9,14 | 180,0° | 4,6° | 1,00 | 1,00 |
| 172,6° (r) | 6,58 | 6,52 | 9,15 | 167,3° | 5,0° | 1,00 | 1,00 |

| TWS = 20 Kts | | | | | | | |
|--------------|-------|-------|-------|--------|-------|------|------|
| TWA | BTV | VMG | AWS | AWA | Heel | Reef | Flat |
| 60° | -0,01 | -0,01 | 17,19 | 56,9° | 27,9° | 0,85 | 0,60 |
| 70° | -0,01 | 0,00 | 16,88 | 67,6° | 27,9° | 0,85 | 0,60 |
| 75° | -0,01 | 0,00 | 16,77 | 73,2° | 27,9° | 0,85 | 0,60 |
| 80° | -0,01 | 0,00 | 16,68 | 78,7° | 27,9° | 0,85 | 0,60 |
| 90° | 7,41 | 0,00 | 18,96 | 67,0° | 22,6° | 0,85 | 0,64 |
| 110° | 7,96 | 2,72 | 16,57 | 84,9° | 22,1° | 0,86 | 0,96 |
| 120° | 8,25 | 4,12 | 15,51 | 95,1° | 22,2° | 0,97 | 0,95 |
| 135° | 8,06 | 5,70 | 14,44 | 113,2° | 15,2° | 1,00 | 1,00 |
| 150° | 7,64 | 6,62 | 13,31 | 134,0° | 11,2° | 1,00 | 1,00 |
| 165° | 7,29 | 7,04 | 12,62 | 156,6° | 7,5° | 1,00 | 1,00 |
| 180° | 7,14 | 7,14 | 12,41 | 180,0° | 5,6° | 1,00 | 1,00 |
| 177,2° (r) | 7,15 | 7,14 | 12,41 | 175,5° | 5,8° | 1,00 | 1,00 |