

Final Results per stage and division
PCC Match Notodden
2023-11-05

PCC OPTICS Results per stage

Stage: 1. Stage 1 Bay 1

| #. | STAGE PERCENT | STAGE POINTS | HIT FACTOR | POINTS | TIME (sec) | COMPETITOR #. Name | DIV | CAT | CLS | ICS |
|----|---------------|--------------|------------|--------|------------|---------------------------|------------|-----|-----|------------|
| 1 | 100.00 | 200.0000 | 6.4912 | 180 | 27.73 | 10. Eirik Johannes Larsen | PCC Optics | - | U | eirikjl |
| 2 | 88.58 | 177.1639 | 5.7500 | 184 | 32.00 | 11. Kjetil Edvardsen | PCC Optics | S | U | madmax |
| 3 | 78.38 | 156.7656 | 5.0880 | 188 | 36.95 | 51. Vegard Fredriksen | PCC Optics | - | GM | armourer |
| 4 | 71.82 | 143.6415 | 4.6620 | 180 | 38.61 | 29. Jens Berentzen | PCC Optics | - | U | berentz |
| 5 | 69.48 | 138.9521 | 4.5098 | 184 | 40.80 | 44. Kristen Kåsin | PCC Optics | - | U | |
| 6 | 65.49 | 130.9859 | 4.2513 | 178 | 41.87 | 31. Tony Renstrom | PCC Optics | - | U | montana |
| 7 | 65.14 | 130.2738 | 4.2281 | 192 | 45.41 | 24. Stian Kristoffersen | PCC Optics | - | U | naits |
| 8 | 61.37 | 122.7319 | 3.9834 | 182 | 45.69 | 36. Torgeir Rui | PCC Optics | S | U | slemmo |
| 9 | 59.87 | 119.7341 | 3.8861 | 176 | 45.29 | 27. Eivind Foss-Pedersen | PCC Optics | - | U | |
| 10 | 59.11 | 118.2109 | 3.8366 | 155 | 40.40 | 32. Øyvind Michalsen | PCC Optics | - | U | titus |
| 11 | 57.67 | 115.3431 | 3.7436 | 167 | 44.61 | 45. Sebastian Kåsin | PCC Optics | SJ | U | |
| 12 | 56.50 | 113.0027 | 3.6676 | 158 | 43.08 | 54. Jonas Lilleland | PCC Optics | - | U | lilleland |
| 13 | 49.34 | 98.6769 | 3.2026 | 165 | 51.52 | 17. Halvor Li | PCC Optics | - | U | |
| 14 | 46.40 | 92.8012 | 3.0119 | 169 | 56.11 | 18. Petter Korsell | PCC Optics | S | U | |
| 15 | 45.66 | 91.3208 | 2.9639 | 142 | 47.91 | 41. Bjørn Hunn | PCC Optics | - | U | bjorn |
| 16 | 45.44 | 90.8826 | 2.9497 | 143 | 48.48 | 34. Johan Forsberg | PCC Optics | S | U | |
| 17 | 44.84 | 89.6702 | 2.9103 | 172 | 59.10 | 6. Knut Ekre | PCC Optics | - | U | gillikrist |
| 18 | 44.28 | 88.5633 | 2.8744 | 119 | 41.40 | 22. Leif Birger Wallenius | PCC Optics | GS | U | leifbirger |
| 19 | 42.73 | 85.4624 | 2.7738 | 134 | 48.31 | 43. Espen Ottesen | PCC Optics | S | U | racegun155 |
| 20 | 40.52 | 81.0488 | 2.6305 | 129 | 49.04 | 42. Tom Jensen | PCC Optics | S | U | derreck |
| 21 | 37.53 | 75.0555 | 2.4360 | 137 | 56.24 | 19. Kjersti Omsland | PCC Optics | L | U | |
| 22 | 36.91 | 73.8214 | 2.3959 | 99 | 41.32 | 49. Tore Varlid | PCC Optics | S | U | |
| 23 | 20.44 | 40.8833 | 1.3269 | 165 | 124.35 | 39. Sonny Roos | PCC Optics | - | U | pri3st |
| 24 | 18.13 | 36.2640 | 1.1770 | 82 | 69.67 | 55. Tony Wangdu Ottestad | PCC Optics | S | U | |
| 25 | 15.80 | 31.6095 | 1.0259 | 97 | 94.55 | 50. Wenche Eimhjellen | PCC Optics | LS | U | |
| 26 | 0.00 | 0.0000 | 0.0000 | 0 | 102.13 | 20. Steinar Haugen | PCC Optics | SS | U | spanjen |

Stage: 2. Stage 2 bay 2

| #. | STAGE PERCENT | STAGE POINTS | HIT FACTOR | POINTS | TIME (sec) | COMPETITOR #. Name | DIV | CAT | CLS | ICS |
|----|---------------|--------------|------------|--------|------------|---------------------------|------------|-----|-----|----------|
| 1 | 100.00 | 100.0000 | 7.7135 | 84 | 10.89 | 10. Eirik Johannes Larsen | PCC Optics | - | U | eirikjl |
| 2 | 80.16 | 80.1555 | 6.1828 | 92 | 14.88 | 11. Kjetil Edvardsen | PCC Optics | S | U | madmax |
| 3 | 64.78 | 64.7829 | 4.9970 | 84 | 16.81 | 51. Vegard Fredriksen | PCC Optics | - | GM | armourer |
| 4 | 64.38 | 64.3825 | 4.9661 | 88 | 17.72 | 29. Jens Berentzen | PCC Optics | - | U | berentz |
| 5 | 60.90 | 60.9004 | 4.6976 | 73 | 15.54 | 36. Torgeir Rui | PCC Optics | S | U | slemmo |
| 6 | 59.13 | 59.1331 | 4.5612 | 92 | 20.17 | 27. Eivind Foss-Pedersen | PCC Optics | - | U | |
| 7 | 52.97 | 52.9724 | 4.0860 | 76 | 18.60 | 34. Johan Forsberg | PCC Optics | S | U | |
| 8 | 52.50 | 52.5000 | 4.0496 | 98 | 24.20 | 18. Petter Korsell | PCC Optics | S | U | |

| #. | STAGE PERCENT | STAGE POINTS | HIT FACTOR | POINTS | TIME (sec) | COMPETITOR #. Name | DIV | CAT | CLS | ICS |
|----|---------------|--------------|------------|--------|------------|---------------------------|------------|-----|-----|------------|
| 9 | 51.94 | 51.9360 | 4.0061 | 79 | 19.72 | 45. Sebastian Kåsin | PCC Optics | SJ | U | |
| 10 | 43.21 | 43.2143 | 3.3333 | 58 | 17.40 | 31. Tony Renstrom | PCC Optics | - | U | montana |
| 11 | 41.92 | 41.9183 | 3.2334 | 69 | 21.34 | 44. Kristen Kåsin | PCC Optics | - | U | |
| 12 | 41.39 | 41.3878 | 3.1924 | 71 | 22.24 | 22. Leif Birger Wallenius | PCC Optics | GS | U | leifbirger |
| 13 | 38.66 | 38.6596 | 2.9820 | 58 | 19.45 | 24. Stian Kristoffersen | PCC Optics | - | U | naits |
| 14 | 36.66 | 36.6568 | 2.8275 | 60 | 21.22 | 41. Bjørn Hunn | PCC Optics | - | U | bjorn |
| 15 | 36.55 | 36.5517 | 2.8194 | 79 | 28.02 | 19. Kjersti Omsland | PCC Optics | L | U | |
| 16 | 34.96 | 34.9588 | 2.6965 | 71 | 26.33 | 6. Knut Ekre | PCC Optics | - | U | gillikrist |
| 17 | 30.80 | 30.8049 | 2.3761 | 47 | 19.78 | 54. Jonas Lilleland | PCC Optics | - | U | lilleland |
| 18 | 28.57 | 28.5664 | 2.2035 | 47 | 21.33 | 43. Espen Ottesen | PCC Optics | S | U | racegun155 |
| 19 | 26.99 | 26.9949 | 2.0822 | 40 | 19.21 | 39. Sonny Roos | PCC Optics | - | U | pri3st |
| 20 | 24.11 | 24.1110 | 1.8598 | 52 | 27.96 | 42. Tom Jensen | PCC Optics | S | U | derreck |
| 21 | 21.45 | 21.4529 | 1.6548 | 51 | 30.82 | 55. Tony Wangdu Ottestad | PCC Optics | S | U | |
| 22 | 19.38 | 19.3754 | 1.4945 | 45 | 30.11 | 50. Wenche Eimhjellen | PCC Optics | LS | U | |
| 23 | 16.55 | 16.5480 | 1.2764 | 32 | 25.07 | 17. Halvor Li | PCC Optics | - | U | |
| 24 | 1.28 | 1.2754 | 0.0984 | 2 | 20.33 | 49. Tore Varlid | PCC Optics | S | U | |
| 25 | 0.00 | 0.0000 | 0.0000 | 0 | 43.84 | 20. Steinar Haugen | PCC Optics | SS | U | spanjen |
| 26 | 0.00 | 0.0000 | 0.0000 | 0 | 33.32 | 32. Øyvind Michalsen | PCC Optics | - | U | titus |

Stage: 3. Stage 3 bay 3

| #. | STAGE PERCENT | STAGE POINTS | HIT FACTOR | POINTS | TIME (sec) | COMPETITOR #. Name | DIV | CAT | CLS | ICS |
|----|---------------|--------------|------------|--------|------------|----------------------------|------------|-----|-----|------------|
| 1 | 100.00 | 100.0000 | 6.3966 | 90 | 14.07 | 10. Eirik Johannes Larsen | PCC Optics | - | U | eirikjl |
| 2 | 82.51 | 82.5123 | 5.2780 | 75 | 14.21 | 11. Kjetil Edvardsen | PCC Optics | S | U | madmax |
| 3 | 82.23 | 82.2304 | 5.2599 | 86 | 16.35 | 36. Torgeir Rui | PCC Optics | S | U | slemmo |
| 4 | 80.58 | 80.5752 | 5.1541 | 92 | 17.85 | 51. Vegard Fredriksen | PCC Optics | - | GM | armourer |
| 5 | 80.54 | 80.5381 | 5.1517 | 90 | 17.47 | 49. Tore Varlid | PCC Optics | S | U | |
| 6 | 74.21 | 74.2089 | 4.7468 | 90 | 18.96 | 24. Stian Kristoffersen | PCC Optics | - | U | naits |
| 7 | 74.19 | 74.1869 | 4.7454 | 96 | 20.23 | 31. Tony Renstrom | PCC Optics | - | U | montana |
| 8 | 73.57 | 73.5686 | 4.7059 | 88 | 18.70 | 32. Øyvind Michalsen | PCC Optics | - | U | titus |
| 9 | 73.43 | 73.4342 | 4.6973 | 90 | 19.16 | 54. Jonas Lilleland | PCC Optics | - | U | lilleland |
| 10 | 69.11 | 69.1061 | 4.4204 | 90 | 20.36 | 29. Jens Berentzen | PCC Optics | - | U | berentz |
| 11 | 66.31 | 66.3054 | 4.2413 | 90 | 21.22 | 22. Leif Birger Wallenius | PCC Optics | GS | U | leifbirger |
| 12 | 64.59 | 64.5869 | 4.1314 | 78 | 18.88 | 44. Kristen Kåsin | PCC Optics | - | U | |
| 13 | 62.74 | 62.7376 | 4.0131 | 86 | 21.43 | 39. Sonny Roos | PCC Optics | - | U | pri3st |
| 14 | 62.62 | 62.6168 | 4.0053 | 90 | 22.47 | 41. Bjørn Hunn | PCC Optics | - | U | bjorn |
| 15 | 61.48 | 61.4754 | 3.9323 | 86 | 21.87 | 27. Eivind Foss-Pedersen | PCC Optics | - | U | |
| 16 | 60.51 | 60.5064 | 3.8703 | 80 | 20.67 | 45. Sebastian Kåsin | PCC Optics | SJ | U | |
| 17 | 58.08 | 58.0849 | 3.7155 | 82 | 22.07 | 56. Halvard Ajer Thomassen | PCC Optics | - | U | hathom |
| 18 | 57.77 | 57.7739 | 3.6956 | 84 | 22.73 | 18. Petter Korsell | PCC Optics | S | U | |
| 19 | 57.09 | 57.0880 | 3.6517 | 78 | 21.36 | 34. Johan Forsberg | PCC Optics | S | U | |

| #. | STAGE PERCENT | STAGE POINTS | HIT FACTOR | POINTS | TIME (sec) | COMPETITOR #. Name | DIV | CAT | CLS | ICS |
|----|---------------|--------------|------------|--------|------------|--------------------------|------------|-----|-----|------------|
| 20 | 54.10 | 54.1033 | 3.4608 | 86 | 24.85 | 50. Wenche Eimhjellen | PCC Optics | LS | U | |
| 21 | 53.35 | 53.3519 | 3.4127 | 86 | 25.20 | 19. Kjersti Omsland | PCC Optics | L | U | |
| 22 | 50.68 | 50.6772 | 3.2416 | 86 | 26.53 | 6. Knut Ekre | PCC Optics | - | U | gillikrist |
| 23 | 47.99 | 47.9882 | 3.0696 | 71 | 23.13 | 42. Tom Jensen | PCC Optics | S | U | derreck |
| 24 | 44.29 | 44.2871 | 2.8329 | 70 | 24.71 | 43. Espen Ottesen | PCC Optics | S | U | racegun155 |
| 25 | 38.08 | 38.0765 | 2.4356 | 52 | 21.35 | 17. Halvor Li | PCC Optics | - | U | |
| 26 | 31.62 | 31.6237 | 2.0228 | 62 | 30.65 | 55. Tony Wangdu Ottestad | PCC Optics | S | U | |
| 27 | 0.00 | 0.0000 | 0.0000 | 0 | 0.00 | 20. Steinar Haugen | PCC Optics | SS | U | spanjen |

Stage: 4. Stage 4 bay 4

| #. | STAGE PERCENT | STAGE POINTS | HIT FACTOR | POINTS | TIME (sec) | COMPETITOR #. Name | DIV | CAT | CLS | ICS |
|----|---------------|--------------|------------|--------|------------|---------------------------|------------|-----|-----|------------|
| 1 | 100.00 | 50.0000 | 12.2340 | 46 | 3.76 | 10. Eirik Johannes Larsen | PCC Optics | - | U | eirikjl |
| 2 | 74.88 | 37.4378 | 9.1603 | 48 | 5.24 | 49. Tore Varlid | PCC Optics | S | U | |
| 3 | 74.60 | 37.3016 | 9.1270 | 46 | 5.04 | 31. Tony Renstrom | PCC Optics | - | U | montana |
| 4 | 67.88 | 33.9401 | 8.3045 | 48 | 5.78 | 54. Jonas Lilleland | PCC Optics | - | U | lilleland |
| 5 | 67.45 | 33.7234 | 8.2515 | 42 | 5.09 | 36. Torgeir Rui | PCC Optics | S | U | slemmo |
| 6 | 60.84 | 30.4207 | 7.4434 | 46 | 6.18 | 51. Vegard Fredriksen | PCC Optics | - | GM | armourer |
| 7 | 59.64 | 29.8219 | 7.2968 | 44 | 6.03 | 44. Kristen Kåsin | PCC Optics | - | U | |
| 8 | 59.45 | 29.7233 | 7.2727 | 48 | 6.60 | 17. Halvor Li | PCC Optics | - | U | |
| 9 | 59.40 | 29.6976 | 7.2664 | 42 | 5.78 | 32. Øyvind Michalsen | PCC Optics | - | U | titus |
| 10 | 59.09 | 29.5443 | 7.2289 | 42 | 5.81 | 42. Tom Jensen | PCC Optics | S | U | derreck |
| 11 | 56.20 | 28.0978 | 6.8750 | 44 | 6.40 | 43. Espen Ottesen | PCC Optics | S | U | racegun155 |
| 12 | 55.05 | 27.5256 | 6.7350 | 46 | 6.83 | 18. Petter Korsell | PCC Optics | S | U | |
| 13 | 51.60 | 25.8000 | 6.3128 | 44 | 6.97 | 6. Knut Ekre | PCC Optics | - | U | gillikrist |
| 14 | 51.49 | 25.7446 | 6.2992 | 48 | 7.62 | 50. Wenche Eimhjellen | PCC Optics | LS | U | |
| 15 | 49.94 | 24.9685 | 6.1093 | 38 | 6.22 | 34. Johan Forsberg | PCC Optics | S | U | |
| 16 | 48.88 | 24.4403 | 5.9801 | 36 | 6.02 | 39. Sonny Roos | PCC Optics | - | U | pri3st |
| 17 | 48.83 | 24.4171 | 5.9744 | 42 | 7.03 | 41. Bjørn Hunn | PCC Optics | - | U | bjorn |
| 18 | 47.05 | 23.5269 | 5.7566 | 35 | 6.08 | 11. Kjetil Edvardsen | PCC Optics | S | U | madmax |
| 19 | 43.59 | 21.7971 | 5.3333 | 40 | 7.50 | 22. Leif Birger Wallenius | PCC Optics | GS | U | leifbirger |
| 20 | 43.47 | 21.7327 | 5.3176 | 36 | 6.77 | 45. Sebastian Kåsin | PCC Optics | SJ | U | |
| 21 | 39.07 | 19.5361 | 4.7801 | 50 | 10.46 | 55. Tony Wangdu Ottestad | PCC Optics | S | U | |
| 22 | 37.48 | 18.7393 | 4.5852 | 42 | 9.16 | 19. Kjersti Omsland | PCC Optics | L | U | |
| 23 | 35.08 | 17.5406 | 4.2918 | 50 | 11.65 | 29. Jens Berentzen | PCC Optics | - | U | berentz |
| 24 | 34.85 | 17.4266 | 4.2640 | 42 | 9.85 | 27. Eivind Foss-Pedersen | PCC Optics | - | U | |
| 25 | 22.75 | 11.3752 | 2.7833 | 14 | 5.03 | 24. Stian Kristoffersen | PCC Optics | - | U | naits |
| 26 | 0.00 | 0.0000 | 0.0000 | 0 | 0.00 | 20. Steinar Haugen | PCC Optics | SS | U | spanjen |

Stage: 5. Stage 5 bay 4

| #. | STAGE PERCENT | STAGE POINTS | HIT FACTOR | POINTS | TIME (sec) | COMPETITOR #. Name | DIV | CAT | CLS | ICS |
|----|---------------|--------------|------------|--------|------------|---------------------------|------------|-----|-----|------------|
| 1 | 100.00 | 50.0000 | 8.7146 | 40 | 4.59 | 49. Tore Varlid | PCC Optics | S | U | |
| 2 | 96.80 | 48.4007 | 8.4359 | 48 | 5.69 | 10. Eirik Johannes Larsen | PCC Optics | - | U | eirikjl |
| 3 | 93.46 | 46.7308 | 8.1448 | 36 | 4.42 | 11. Kjetil Edvardsen | PCC Optics | S | U | madmax |
| 4 | 81.96 | 40.9821 | 7.1429 | 36 | 5.04 | 36. Torgeir Rui | PCC Optics | S | U | slemmo |
| 5 | 80.65 | 40.3275 | 7.0288 | 44 | 6.26 | 29. Jens Berentzen | PCC Optics | - | U | berentz |
| 6 | 74.49 | 37.2450 | 6.4915 | 42 | 6.47 | 45. Sebastian Kåsin | PCC Optics | SJ | U | |
| 7 | 70.62 | 35.3077 | 6.1538 | 40 | 6.50 | 51. Vegard Fredriksen | PCC Optics | - | GM | armourer |
| 8 | 63.41 | 31.7072 | 5.5263 | 42 | 7.60 | 54. Jonas Lilleland | PCC Optics | - | U | lilleland |
| 9 | 59.94 | 29.9720 | 5.2239 | 42 | 8.04 | 27. Eivind Foss-Pedersen | PCC Optics | - | U | |
| 10 | 59.29 | 29.6467 | 5.1672 | 34 | 6.58 | 32. Øyvind Michalsen | PCC Optics | - | U | titus |
| 11 | 58.37 | 29.1850 | 5.0867 | 44 | 8.65 | 44. Kristen Kåsin | PCC Optics | - | U | |
| 12 | 57.94 | 28.9691 | 5.0491 | 36 | 7.13 | 39. Sonny Roos | PCC Optics | - | U | pri3st |
| 13 | 57.93 | 28.9633 | 5.0481 | 42 | 8.32 | 22. Leif Birger Wallenius | PCC Optics | GS | U | leifbirger |
| 14 | 54.32 | 27.1598 | 4.7337 | 32 | 6.76 | 24. Stian Kristoffersen | PCC Optics | - | U | naits |
| 15 | 53.37 | 26.6860 | 4.6512 | 36 | 7.74 | 41. Bjørn Hunn | PCC Optics | - | U | bjorn |
| 16 | 48.65 | 24.3236 | 4.2394 | 34 | 8.02 | 6. Knut Ekre | PCC Optics | - | U | gillikrist |
| 17 | 48.23 | 24.1141 | 4.2029 | 29 | 6.90 | 34. Johan Forsberg | PCC Optics | S | U | |
| 18 | 42.59 | 21.2964 | 3.7118 | 34 | 9.16 | 43. Espen Ottesen | PCC Optics | S | U | racegun155 |
| 19 | 42.54 | 21.2707 | 3.7073 | 38 | 10.25 | 17. Halvor Li | PCC Optics | - | U | |
| 20 | 41.81 | 20.9059 | 3.6437 | 27 | 7.41 | 31. Tony Renstrom | PCC Optics | - | U | montana |
| 21 | 41.23 | 20.6138 | 3.5928 | 36 | 10.02 | 18. Petter Korsell | PCC Optics | S | U | |
| 22 | 38.32 | 19.1586 | 3.3392 | 38 | 11.38 | 55. Tony Wangdu Ottestad | PCC Optics | S | U | |
| 23 | 37.65 | 18.8229 | 3.2807 | 27 | 8.23 | 50. Wenche Eimhjellen | PCC Optics | LS | U | |
| 24 | 24.30 | 12.1512 | 2.1179 | 23 | 10.86 | 42. Tom Jensen | PCC Optics | S | U | derreck |
| 25 | 19.03 | 9.5130 | 1.6580 | 16 | 9.65 | 19. Kjersti Omsland | PCC Optics | L | U | |
| 26 | 0.00 | 0.0000 | 0.0000 | 0 | 0.00 | 20. Steinar Haugen | PCC Optics | SS | U | spanjen |

PCC IRON Results per stage

Stage: 1. Stage 1 Bay 1

| #. | STAGE PERCENT | STAGE POINTS | HIT FACTOR | POINTS | TIME (sec) | COMPETITOR #. Name | DIV | CAT | CLS | ICS |
|----|---------------|--------------|------------|--------|------------|---------------------|----------|-----|-----|-----------|
| 1 | 100.00 | 200.0000 | 3.3526 | 168 | 50.11 | 16. Dennis Andersen | PCC Iron | - | U | slowalpha |

Stage: 2. Stage 2 bay 2

| #. | STAGE PERCENT | STAGE POINTS | HIT FACTOR | POINTS | TIME (sec) | COMPETITOR #. Name | DIV | CAT | CLS | ICS |
|----|---------------|--------------|------------|--------|------------|---------------------|----------|-----|-----|-----------|
| 1 | 100.00 | 100.0000 | 1.6787 | 28 | 16.68 | 16. Dennis Andersen | PCC Iron | - | U | slowalpha |

Stage: 3. Stage 3 bay 3

| #. | STAGE PERCENT | STAGE POINTS | HIT FACTOR | POINTS | TIME (sec) | COMPETITOR #. Name | DIV | CAT | CLS | ICS |
|----|---------------|--------------|------------|--------|------------|---------------------|----------|-----|-----|-----------|
| 1 | 100.00 | 100.0000 | 3.1891 | 84 | 26.34 | 16. Dennis Andersen | PCC Iron | - | U | slowalpha |

Stage: 4. Stage 4 bay 4

| #. | STAGE PERCENT | STAGE POINTS | HIT FACTOR | POINTS | TIME (sec) | COMPETITOR #. Name | DIV | CAT | CLS | ICS |
|----|---------------|--------------|------------|--------|------------|---------------------|----------|-----|-----|-----------|
| 1 | 100.00 | 50.0000 | 5.5263 | 42 | 7.60 | 16. Dennis Andersen | PCC Iron | - | U | slowalpha |

Stage: 5. Stage 5 bay 4

| #. | STAGE PERCENT | STAGE POINTS | HIT FACTOR | POINTS | TIME (sec) | COMPETITOR #. Name | DIV | CAT | CLS | ICS |
|----|---------------|--------------|------------|--------|------------|---------------------|----------|-----|-----|-----------|
| 1 | 100.00 | 50.0000 | 4.6133 | 34 | 7.37 | 16. Dennis Andersen | PCC Iron | - | U | slowalpha |