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This book was examined for additional stars by A.M.C. Jan. 11. 1917

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Monday May 11, 1914

9.46

B 18982 short

| No. | Int. | Class | Remarks |
|---|---|---|---|
| ✓ 1 | 3 | K2 | |
| ✓ 2 | 2 | A2 | |
| ✓ 3 | 1 | K0 | |
| ✓ 4 | 6 | A5 | |
| ✓ 5 | 2 | K0 | |
| ✓ 6 | 1 | K2 | |
| ✓ 7 | 2 | K2 | |
| ✓ 8 | 1 | K2 | |
| ✓ 9 | 3 | F8 | |
| ✓ 10 | 5 | A0 | |
| ✓ 11 | 2 | F5 | |
| ✓ 12 | 2 | F8 | |
| ✓ 13 | 1 | K0 | |
| ✓ 14 | 2 | G0 | |
| ✓ 15 | 6 | F0 | |
| ✓ 16 | 1 | F5 | |
| ✓ 17 | 1 | K2 | |
| ✓ 18 | 1 | K0 | |
| ✓ 19 | 4 | A2 | |
| ✓ 20 | 2 | A2 | |
| ✓ 21 | 1 | K0 | |
| ✓ 22 | 1 | G5 | |
| ✓ 23 | 10 | B9 | |
| ✓ 24 | 1 | G0 | |
| ✓ 25 | 1 | K0 | |
| ✓ 26 | 7 | K2 | |
| ✓ 27 | 1 | K5 | |

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| | | | | | | |
|---|---|---|---|---|---|---|
| 1 | +10° 3127 | 16 | 55.8 | +10 | 45 | 8.2 |
| 2 | +10° 3135 | 16 | 57.5 | +10 | 45 | 9.0 |
| 3 | ~~+10° 3137~~ | ~~16~~ | 58.0 ~~59.1~~ | +10 ~~+9~~ | 27 ~~52~~ | 8.9 |
| 4 | +10° 3140 | 16 | 58.7 | +10 | 44 | 8.2 |
| 5 | +11° 3101 | 16 | 58.7 | +11 | 12 | 8.0 |
| 6 | +11° 3099 | 16 | 58.4 | +11 | 31 | 8.7 |
| 7 | +12° 3132 | 16 | 55.9 | +12 | 3 | 8.4 |
| 8 | +10° 3151 | 17 | 2.2 | +10 | 29 | 9.1 |
| 9 | +10° 3152 | 17 | 2.7 | +10 | 26 | 8.7 |
| 10 | +11° 3123 | 17 | 4.3 | +11 | 6 | 8.7 |
| 11 | +11° 3129 | 17 | 5.1 | +11 | 10 | 9.1 |
| 12 | +11° 3135 | 17 | 6.4 | +11 | 16 | 9.0 |
| 13 | +11° 3137 | 17 | 7.0 | +11 | 25 | 8.6 |
| 14 | +10° 3164 | 17 | 5.5 | +10 | 45 | 9.4 |
| 15 | +9° 3339 | 17 | 5.4 | +9 | 56 | 8.5 |
| 16 | +9° 3333 | 17 | 4.4 | +9 | 42 | 9.3 |
| 17 | +9° 3332 | 17 | 3.3 | +9 | 48 | 9.0 |
| 18 | +9° 3330 | 17 | 2.7 | +9 | 38 | 9.0 |
| 19 | +9° 3329 | 17 | 1.8 | +9 | 22 | 8.7 |
| 20 | +9° 3328 | 17 | 1.5 | +9 | 31 | 9.0 |
| 21 | +10° 3150 | 17 | 2.2 | +10 | 3 | 9.0 |
| 22 | +10° 3147 | 17 | 1.7 | +10 | 2 | 9.4 |
| 23 | +9° 3325 | 17 | 0.2 | +9 | 13 | 8.0 |
| 24 | +8° 3348 | 16 ~~17~~ | 59.5 | +8 | 50 | 9.2 |
| 25 | +9° 3321 | 16 ~~17~~ | 59.0 | +9 | 1 | 9.0 |
| 26 | +8° 3348 | 16 | 59.2 | +8 | 49 | 7.0 |
| 27 | +8° 3344 | 16 | 58.4 | +8 | 35 | 8.8 |

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Monday May 11, 1914
B 18982 shot

| No. | Int. | Class | Remark |
|---|---|---|---|
| ✓ 28 | 6 | G0 | |
| ✓ 29 | 2 | G5 | |
| ✓ 30 | 1 | K0 | |
| ✓ 31 | 1 | A0 | |
| ✓ 32 | 1 | K5 | |
| ✓ 33 | 3 | G0 | |
| ✓ 34 | 2 | F5 | |
| ✓ 35 | 1 | K2 | |
| ✓ 36 | 6 | K0 | |
| ✓ 37 | 4 | F0 | |
| ✓ 38 | 3 2 | K0 | |
| ✓ 39 | 2 | K0 | |
| ✓ 40 | 2 | F8 | |
| ✓ 41 | 1 | K0 | |
| ✓ 42 | 1 | G0 | |
| ✓ 43 | 1 | F2 | |
| ✓ 44 | 2 | F5 | |
| ✓ 45 | 1 | A5 | |
| ✓ 46 | 2 | F0 | |
| ✓ 47 | 1 | K0 | |
| ✓ 48 | 1 | K2 | |
| ✓ 49 | 1 | A2 | |
| ✓ 50 | 1 | A2 | |
| ✓ 51 | 1 | F5 | |
| ✓ 52 | 1 | G5 | |
| ✓ 53 | 1 | F0 | |
| ✓ 54 | 2 | K0 | |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 28 | +9° 3317 | 16 | 56.5 | +9 | 14 | 8.2 | ✓ |
| 29 | +9° 3319 | 16 | 57.1 | +9 | 53 | 8.7 | ✓ |
| 30. | +9° 3316 | 16 | 56.2 | +9 | 36 | 8.8 | ✓ |
| 31 | Algol (1855) | 16 | 59.1 | +9 | ~~57~~ 52 | | ✓ |
| 32 | +7° 3300 | 16 | 58.9 | +7 | 53 | 9.0 | ✓ |
| 33 | +7° 3302 | 16 | 59.6 | +7 | 59 | 9.1 | ✓ |
| 34 | +8° 3352 | 17 | 0.6 | +8 | 14 | 9.2 | ✓ |
| 35 | +8° 3353 | 17 | 0.7 | +8 | 27 | 8.8 | ✓ |
| 36 | +8° 3354 | 17 | 1.2 | +8 | 20 | 8.5 | ✓ |
| 37 | +8° 3356 | 17 | 1.4 | +8 | 26 | 9.0 | ✓ |
| 38 | +8° 3359 | 17 | 2.4 | +8 | 9 | 8.9 | ✓ |
| 39 | +7° 3306 | 16 | 59.9 | +7 | 0 | 9.0 | ✓ Two close stars only one given in cat. see chart plate B 2.9703 |
| 40 | +7° 3303 | 16 | 59.7 | +7 | 2 | 9.3 | ✓ |
| 41 | +6° 3354 | 17 | 0.6 | +6 | 32 | 9.2 | ✓ |
| 42 | +6° 3355 | 17 | 1.1 | +6 | 39 | 9.2 | ✓ |
| 43 | +5° 3330 | 17 | 0.6 | +5 | 54 | 9.3 | ✓ |
| 44 | +5° 3329 | 17 | 0.1 | +5 | 35 | 8.8 | ✓ |
| 45 | +5° ~~3325~~ 3326 | ~~17~~ 16 | ~~0.6~~ 59.7 | ~~+5~~ +5 | ~~35~~ 32 | ~~9.2~~ 9.3 | ✓ |
| 46 | +5° 3335 | 17 | 1.9 | +5 | 34 | 9.2 | ✓ |
| 47 | +6° 3348 | 16 | 58.7 | +6 | 33 | 9.3 | ✓ |
| 48 | +7° 3293 | 16 | 56.5 | +7 | 9 | 9.2 | ✓ |
| 49 | +7° 3295 | 16 | 57.4 | +7 | 5 | 9.4 | ✓ |
| 50 | +7° 3297 | 16 | 57.8 | +7 | 42 | 9.4 | ✓ |
| 51 | +7° 3299 | 16 | 58.0 | +7 | 36 | 9.3 | ✓ |
| 52 | +6° 3360 | 17 | 4.0 | +6 | 5 | 9.3 | ✓ |
| 53 | +5° 3344 | 17 | 5.3 | +5 | 60 | 9.5 | ✓ |
| 54 | +5° 3350 | 17 | 5.8 | +5 | 44 | 9.0 | ✓ |

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Monday May 11, 1914

B 18982 short

| No. | Int. | Class | Remark |
|---|---|---|---|
| ✓ 55 | 2 | K0 | |
| ✓ 56 | 2 | K5 | |
| ✓ 57 | 2 | F5 | |
| ✓ 58 | 1 | F5 | |
| ✓ 59 | 1 | G5 | |
| ✓ 60 | 1 | K0 | |
| ✓ 61 | 3 | B9 | |
| ✓ 62 | 3 | G5 | |
| ✓ 63 | 1 | G0 | |
| ✓ 64 | 1 | K5 | |
| ✓ 65 | 2 | G5 | |
| ✓ 66 | 3 | A0 | |
| ✓ 67 | 2 | K5 | |
| ✓ 68 | 3 | A0 | |
| ✓ 69 | 3 | K2 | |
| ✓ 70 | 2 | K2 | |
| ✓ 71 | 3 | K0 | |
| ✓ 72 | 1 | A0 | |
| ✓ 73 | 1 | K0 | |
| ✓ 74 | 1 | K5 | |
| ✓ 75 | 1 | G0 | |
| ✓ 76 | 2 | F5 | |
| ✓ 77 | 1 | F5 | |
| ✓ 78 | 1 | K2 | |
| ✓ 79 | 2 | F8 | |
| ✓ 80 | 2 | A0 | |
| ✓ 81 | 1 | A2 | |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 55 | +5° | 3348 | 17 | 5.5 | +5 | 8 | 9.2 |
| 56 | +5° | 3349 (51) | 17 | 6.2 | +5 | 15 | 8.7 |
| 57 | +5° | 3355 | 17 | 8.1 | +5 | 58 | 9.2 |
| 58 | +6° | 3372 | 17 | 7.0 | +6 | 57 | 9.2 |
| 59 | +6° | 3368 | 17 | 5.7 | +6 | 57 | 9.1 |
| 60 | +7° | 3319 | 17 | 5.4 | +7 | 26 | 9.0 |
| 61 | +7° | 3323 | 17 | 8.5 | +7 | 15 | 9.0 |
| 62 | +7° | 3326 | 17 | 8.9 | +7 | 17 | 9.0 |
| 63 | +7° | 3329 | 17 | 10.1 | +7 | 35 | 9.1 |
| 64 | +7° | 3330 | 17 | 10.2 | +7 | 28 | 9.0 |
| 65 | +7° | 3331 | 17 | 10.2 | +7 | 14 | 9.0 |
| 66 | +7° | 3332 | 17 | 10.2 | +7 | 7 | 9.2 |
| 67 | +7° | 3335 | 17 | 11.1 | +7 | 17 | 8.7 |
| 68 | +7° | 3337 | 17 | 11.5 | +7 | 25 | 9.2 |
| 69 | +7° | 3339 | 17 | 12.6 | +7 | 38 | 8.8 |
| 70 | +6° | 3388 | 17 | 12.5 | +6 | 56 | 9.0 |
| 71 | +6° | 3394 | 17 | 13.8 | +6 | 51 | 9.0 |
| 72 | +5° | 3369 | 17 | 12.1 | +5 | 48 | 9.5 |
| 73 | +5° | 3364 | 17 | 10.7 | +5 | 32 | 9.1 |
| 74 | +5° | 3362 | 17 | 10.1 | +5 | 10 | 8.6 |
| 75 | +6° | 3387 (3389) | 17 | 12.5 (12.7) | +6 | 7 (16) | 9.3 (9.0) |
| 76 | +5° | 3374 | 17 | 13.8 | +5 | 40 | 9.3 |
| 77 | +5° | 3377 (3375) | 17 | 14.3 (14.7) | +5 | 42 (49) | 9.3 (9.5) |
| 78 | +5° | 3380 | 17 | 15.2 | +5 | 59 | 9.3 |
| 79 | +6° | 3399 | 17 | 14.9 | +6 | 42 | 8.9 |
| 80 | +7° | 3354 | 17 | 16.0 | +7 | 3 | 9.4 |
| 81 | +7° | 3352 | 17 | 15.7 | +7 | 32 | 9.5 |

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Monday May 11, 1914
B 1898.2 shot

| No. | Int. | Class | Remark |
|---|---|---|---|
| ✓ 82 | 3 | K2 | |
| ✓ 83 | 4 | K2 | |
| ✓ 84 | 2 | K0 | |
| ✓ 85 | 3 | K0 | |
| ✓ 86 | 2 | A3 | |
| ✓ 87 | 3 | G5 | |
| ✓ 88 | 2 | F5 | |
| ✓ 89 | 5 | F8 | |
| ✓ 90 | 3 | F8 | |
| ✓ 91 | 3 | F0 | |
| ✓ 92 | 3 | G5 | |
| ✓ 93 | 4 | G5 | |
| ✓ 94 | 5 | A2 | |
| ✓ 95 | 3 | F8 | |
| ✓ 96 | 1 | K5 | |
| ✓ 97 | 3 | K0 | |
| ✓ 98 | 5 | G5 | |
| ✓ 99 | 5 | A0 | |
| ✓ 100 | 8 | A2 | |
| ✓ 101 | 4 | G0 | |
| ✓ 102 | 7 | G0 | |
| ✓ 103 | 4 | K2 | |
| ✓ 104 | 3 | K0 | |
| ✓ 105 | 1 | K0 | |
| ✓ 106 | 3 | A0 | |
| ✓ 107 | 2 | F0 | |
| ✓ 108 | 1 | F8 | |

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| | | | | | | |
|---|---|---|---|---|---|---|
| 82 | +8° 3401 | 17 | 15.9 | +8 | 7 | 8.8 |
| 83 | +8° 3402 | 17 | 16.2 | +8 | 7 | 8.5 |
| 84 | +8° 3395 | 17 | 14.5 | +8 | 29 | 9.2 |
| 85 | +8° 3366 | 17 | 4.6 | +8 | 48 | 8.7 |
| 86 | +9° 3342 | 17 | 5.7 | +9 | 0 | 9.1 |
| 87 | +9° 3347 | 17 | 6.5 | +9 | 16 | 8.9 |
| 88 | +9° 3350 | 17 | 8.0 | +9 | 2 | 9.0 |
| 89 | +9° 3353 | 17 | 8.7 | +9 | 24 | 8.5 |
| 90 | +10° 3169 | 17 | 8.0 | +10 | 10 | 8.7 |
| 91 | +10° 3170 | 17 | 8.0 | +10 | 54 | 9.0 |
| 92 | +11° 3142 | 17 | 8.0 | +11 | 2 | 8.6 |
| 93 | +11° 3146 | 17 | 8.7 | +11 | 2 | 8.2 |
| 94 | +11° 3148 | 17 | 9.2 | +11 | 4 | 8.7 |
| 95 | +11° 3151 | 17 | 9.7 | +11 | 17 | 8.7 |
| 96 | +10° 3174 | 17 | 9.7 | +10 | 34 | 8.6 |
| 97 | +10° 3175 | 17 | 9.9 | +10 | 21 | 8.5 |
| 98 | +10° 3177 | 17 | 10.7 | +10 | 36 | 8.5 |
| 99 | +10° 3187 | 17 | 12.1 | +10 | 36 | 8.9 |
| 100 | +9° 3361 | 17 | 11.4 | +9 | 40 | 8.2 |
| 101 | +9° 3363 | 17 | 12.5 | +9 | 24 | 8.2 |
| 102 | +9° 3366 | 17 | 13.4 | +9 | 37 | 7.9 |
| 103 | +9° 3368 | 17 | 13.6 | +9 | 21 | 8.0 |
| 104 | +9° 3369 | 17 | 13.8 | +9 | 34 | 8.0 |
| 105 | +8° 3390 | 17 | 12.3 | +8 | 59 | 9.0 |
| 106 | +8° 3380 | 17 | 10.1 | +8 | 39 | 9.0 |
| 107 | +8° 3381 | 17 | 10.4 | +8 | 12 | 9.1 |
| 108 | +7° 3333 | 17 | 10.3 | +7 | 60 | 9.2 |

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Monday May 11, 1914
B1898 2 short

| | No. | Int. | Class | Remarks |
|---|---|---|---|---|
| ✓ | 109 | 2 | F8 | |
| ✓ | 110 | 5 | G0 | |
| ✓ | 111 | 3 | F8 | |
| ✓ | 112 | 7 | K0 | |
| ✓ | 113 | 2 | K2 | |
| ✓ | 114 | 4 | F5 | |
| ✓ | 115 | 7 | A0 | |
| ✓ | 116 | 5 | F5 | |
| ✓ | 117 | 1 | F5 | |
| ✓ | 118 | 3 | G0 | |
| ✓ | 119 | 5 | F2 | |
| ✓ | 120 | 7 | Ma | |
| ✓ | 121 | 3 | F0 | |
| ✓ | 122 | 1 | G5 | |
| ✓ | 123 | 1 | K2 | |
| ✓ | 124 | 1 | G0 | |
| ✓ | 125 | 1 | K5 | |
| ✓ | 126 | 4 | F2 | |
| ✓ | 127 | 3 | G5 | |
| ✓ | 128 | 5 | A0 | |
| ✓ | 129 | 6 | K0 | |
| 10.10 | ✓ | 130 | 5 | K0 |
| 10.25 | ✓ | 131 | 1 | K5 |
| ✓ | 132 | 2 | F0 | |
| ✓ | 133 | 2 | K5 | |
| ✓ | 134 | 2 | A2 | |
| ✓ | 135 | 1 | F8 | |

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| | | | | | | |
|---|---|---|---|---|---|---|
| 109 | +8° 3382 | 17 | 10.8 | +8 | 5 | 8.8 |
| 110 | +8° 3385 | 17 | 11.5 | +8 | 13 | 8.7 |
| 111 | +8° 3384 | 17 | 11.3 | +8 | 34 | 8.7 |
| 113 | +9° 3378 | 17 | 16.1 | +9 | 31 | 7.9 |
| 112 | +9° 3375 | 17 | 15.7 | +9 | 53 | 8.6 |
| 114 | +9° 3384 | 17 | 17.5 | +9 | 55 | 8.7 |
| 115 | +9° 3383 | 17 | 17.4 | +9 | 34 | 8.5 |
| 116 | +9° 3386 | 17 | 17.9 | +9 | 40 | 8.5 |
| 117 | +9° 3385 | 17 | 17.6 | +9 | 9 | 9.2 |
| 118 | +9° 3387 | 17 | 18.2 | +9 | 10 | 8.7 |
| 119 | +8° 3409 | 17 | 18.9 | +8 | 39 | 8.6 |
| 120 | +8° 3418 | 17 | 20.8 | +8 | 34 | 7.3 |
| 121 | +9° 3394 | 17 | 20.1 | +9 | 28 | 9.0 |
| 122 | +9° 3389 | 17 | 18.5 | +9 | 40 | 9.0 |
| 123 | +8° 3407 | 17 | 17.4 | +8 | 9 | 9.1 |
| 124 | +8° 3408 | 17 | 17.7 | +8 | 3 | 9.0 |
| 125 | +8° 3403 | 17 | 16.9 | +8 | 28 | 9.3 |
| 126 | +7° 3370 | 17 | 19.4 | +7 | 37 | 8.6 |
| 127 | +7° 3378 | 17 | 20.6 | +7 | 43 | 8.8 |
| 128 | +7° 3378 | 17 | 21.5 | +7 | 24 | 8.8 |
| 129 | +7° 3382 | 17 | 22.3 | +7 | 49 | 8.0 |
| 130 | +6° 3430 | 17 | 22.1 | +6 | 16 | 8.0 |
| 131 | +6° 3428 | 17 | 21.2 | +6 | 8 | 9.0 |
| 132 | +6° 3424 | 17 | 20.8 | +6 | 1 | 8.8 |
| 133 | +6° 3412 | 17 | 18.2 | +6 | 13 | 9.0 |
| 134 | +6° 3419 | 17 | 20.1 | +6 | 56 | 9.3 |
| 135 | +6° 3420 | 17 | 19.7 | +6 | 54 | 9.3 |

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Monday May 11, 1914

B 18982 short

| | No. | Int. | Class | Remarks |
|---|---|---|---|---|
| ✓ | 136 | 1 | Ko | |
| ✓ | 137 | 1 | F8 | |
| ✓ | 138 | 3 | Ko | |
| ✓ | 139 | 3 | G5 | |
| ✓ | 140 | 3 | F5 | |
| ✓ | 141 | 2 | F5 | |
| ✓ | 142 | 3 | Ao | |
| ✓ | 143 | 3 | F8 | |
| ✓ | 144 | 2 | K5 | |
| ✓ | 145 | 4 | F5 | |
| ✓ | 146 | 2 | K2 | |
| ✓ | 147 | 1 | K5 | |
| ✓ | 148 | 2 | A | |
| ✓ | 149 | 2 | A | |
| ✓ | 150 | 2 | G | |
| ✓ | 151 | 2 | F8 | |
| ✓ | 152 | 1 | F5 | |
| ✓ | 153 | 1 | F8 | |
| ✓ | 154 | 1 | G5 | |
| ✓ | 155 | 2 | K2 | |
| ✓ | 156 | 1 | Go | Party exp. on 155 |
| 10.30 | ✓ | 157 | 1 | F8 |
| | 158 | 2 | A2 | |
| | 159 | 2 | K5 | |
| | 160 | 2 | K2 | |

cmb. 136, 158

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 136 | +6° 3417 | 17 | 19.3 | +6 | 54 | 9.4 | | ✓ |
| 137 | +7° 3367 | 17 | 19.4 | +7 | 8 | 9.4 | | ✓ |
| 138 | +8° 3425 | 17 | 22.3 | +8 | 18 | 8.8 | | ✓ |
| 139 | +8° 3427 | 17 | 22.6 | +8 | 24 | 9.0 | | ✓ |
| 140 | +7° 3385 | 17 | 23.0 | +7 | 52 | 9.0 | | ✓ |
| 141 | +7° 3384 | 17 | 22.6 | +8 | 38 | 9.1 | | ✓ |
| 142 | +9° 3402 | 17 | 22.3 | +9 | 21 | 9.5 | | ✓ |
| 143 | +9° 3399 | 17 | 21.7 | +9 | 51 | 8.5 | | ✓ |
| 144 | +10° 3212 | 17 | 20.7 | +10 | 46 | 8.3 | | ✓ |
| 145 | +12° 3180 | 17 | 8.7 | +12 | 6 | 8.4 | | ✓ |
| 146 | +12° 3193 | 17 | 12.3 | +12 | 31 | 8.5 | | ✓ |
| 147 | +12° 3194 | 17 | 12.8 | +12 | 18 | 8.6 | | ✓ |
| 148 | +12° 3195 | 17 | 13.0 | +12 | 40 | 9.0 | | ✓ |
| 149 | +12° 3198 | 17 | 14.2 | +12 | 16 | 9.1 | | ✓ |
| 150 | +12° 3202 | 17 | 15.2 | +12 | 36 | 8.8 | | ✓ |
| 151 | +8° 3371 | 17 | 6.4 | +8 | 5 | 9.0 | | ✓ |
| 152 | +8° 3376 | 17 | 8.6 | +8 | 50 | 9.5 | | ✓ |
| 153 | +9° 3358 | 17 | 10.3 | +9 | 9 | 9.2 | | ✓ |
| 154 | +9° 3360 | 17 | 11.0 | +9 | 19 | 9.2 | | ✓ |
| 155 | +10° 3188 | 17 | 12.4 | +10 | 8 | 8.5 | | ✓ |
| 156 | +10° 3189 | 17 | 12.4 | +10 | 14 | 9.0 | | ✓ |
| 157 | +10° 3184 | 17 | 12.0 | +10 | 0 | 9.0 | | ✓ |

Ident. on cards by Anc. Dec. 12, 1914

Identified here Dec. 17 1914 L.D.W.

Identification compared by G.R.B. Dec. 18, 1914

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ✓ | 158 | +6° | 3373 | 17 | 7.2 | +6 | 32 | 9.0 | 201 on 37767 |
| ✓ | 159 | +5° | 3352 | 17 | 6.6 | +5 | 58 | 8.7 | 202 " " |
| ✓ | 160 | +7° | 3304 | 16 | 59.7 | +7 | 25 | 8.7 | 205 " " |

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Monday May 11, 1914

B 11305 short

| 10.30 | No. | Int. | Class | Remarks |
|---|---|---|---|---|
| | 1 | 1 | Ko | |
| | 2 | 3 | Ao | |
| | 3 | 3 | Bo | |
| | 4 | 3 | Ko | |
| | 5 | 2 | A2 | |
| | 6 | 2 | Ko | |
| | 7 | 2 | K2 | |
| | 8 | 2 | go | |
| | 9 | 5. | A5 | |
| | 10 | 3 | Ao | |
| | 11 | 2 | A2 | |
| | 12 | 3 | B8 | |
| | 13 | 4 | Ao | |
| | 14 | 7 | Ko | |
| | 15 | 2 | F8 | |
| | 16 | 5 | A3 | |
| | 17 | 3 | go | |
| | 18 | 3 | K5 | |
| | 19 | 3 | A5 | |
| | 20 | 4 | F8 | |
| | 21 | 2 | F5 | |
| | 22 | 2 | F8 | |
| | 23 | 7 | B8 | |
| | 24 | 2 | g5 | |
| | 25 | 3 | F5 | |
| | 26 | 5 | K2 | |
| | 27 | 3 | g5 | |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 | +10 | 3219 | 17 | 22.9 | +10 | 28.9 | 8.5 | ✓ |
| 2 | +9 | 3415 | 17 | 26.1 | +9 | 19.8 | 8.8 | ✓ |
| 3 | +9 | 3418 | 17 | 26.9 | +9 | 23.5 | 8.5 | ✓ |
| 4 | +9 | 3425 | 17 | 28.0 | +9 | 31.7 | 8.2 | ✓ |
| 5 | +9 | 3428 | 17 | 29.0 | +9 | 21.1 | 9.0 | ✓ |
| 6 | +9 | 3431 | 17 | 29.8 | +9 | 13.6 | 8.3 | ✓ |
| 7 | +8 | 3457 | 17 | 30.7 | +8 | 43.2 | 8.5 | ✓ |
| 8 | +8 | 3459 | 17 | 31.6 | +8 | 59.0 | 9.0 | ✓ |
| 9 | +9 | 3438 | 17 | 31.9 | +9 | 13.5 | 8.1 | ✓ |
| 10 | +8 | 3460 | 17 | 31.9 | +8 | 48.8 | 8.6 | ✓ |
| 11 | +8 | 3462 | 17 | 32.4 | +8 | 40.8 | 9.0 | ✓ |
| 12 | +8 | 3467 | 17 | 33.6 | +8 | 39.6 | 8.6 | ✓ |
| 13 | +8 | 3471 | 17 | 34.2 | +8 | 51.5 | 8.6 | ✓ |
| 14 | +7 | 3434 | 17 | 33.0 | +7 | 52.7 | 7.2 | ✓ |
| 15 | +8 | 3461 | 17 | 32.0 | +8 | 34 | 8.8 | ✓ |
| 16 | +7 | 3413 | 17 | 29.6 | +7 | 28.6 | 8.0 | ✓ |
| 17 | +7 | 3419 | 17 | 30.2 | +7 | 26.3 | 8.5 | ✓ |
| 18 | +7 | 3410 | 17 | 29.1 | +7 | 7.2 | 8.2 | ✓ |
| 19 | +6 | 3463 | 17 | 29.2 | +6 | 43.8 | 8.7 | ✓ |
| 20 | +6 | 3470 | 17 | 30.2 | +6 | 32.3 | 8.2 | ✓ |
| 21 | +6 | 3471 | 17 | 30.3 | +6 | 24.0 | 9.0 | ✓ |
| 22 | +6 | 3475 | 17 | 30.7 | +6 | 33.8 | 8.9 | ✓ |
| 23 | +6 | 3476 | 17 | 31.0 | +6 | 34.0 | 8.2 | ✓ |
| 24 | +6 | 3478 | 17 | 31.1 | +6 | 17.7 | 8.3 | ✓ |
| 25 | +6 | 3480 | 17 | 31.6 | +6 | 17.7 | 8.5 | ✓ |
| 26 | +6 | 3490 | 17 | 33.3 | +6 | 38.9 | 7.0 | ✓ |
| 27 | +6 | 3495 | 17 | 34.3 | +6 | 51.8 | 8.7 | ✓ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



Monday May 11, 1914
B 11 30 5 shot

| No. | Int. | Class | Remarks |
|---|---|---|---|
| 28 | 7 | Ko | |
| 29 | 7 | A3 | |
| 30 | 2 | A5 | |
| 31 | 4 | B9 | |
| 32 | 2 | G5 | |
| 33 | 3 | G0 | |
| 34 | 3 | A0 | |
| 35 | 5 | Ko | |
| 36 | 5 | F2 | |
| 37 | 6 | G0 | |
| 38 | 3 | G | Party exp. on 37 |
| 39 | 2 | F5 | |
| 40 | 1 | G5 | |
| 41 | 7 | F2 | |
| 42 | 2 | A0 | |
| 43 | 4 | Ko | |
| 44 | 2 | A2 | |
| 45 | 6 | F8 | |
| 46 | 5 | G | Nearly all exp. on 46. |
| 47 | 3 | G0 | |
| 48 | 3 | F0 | |
| 49 | 2 | F5 | |
| 50 | 3 | A0 | |
| 51 | 1 | G0 | |
| 52 | 2 | A0 | |
| 53 | 1 | K5 | |
| 10.40 | 54 | 3 | Ko |

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1914phae.proj.21720



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 28 | +6° | 3498 | 17 | 34.5 | +6° | 23.5 | 6.5 | ✓ |
| 29 | +6 | 3494 | 17 | 34.2 | +6 | 0.8 | 7.9 | ✓ |
| 30 | +5 | 3449 | 17 | 33.9 | +5 | 45.7 | 8.9 | ✓ |
| 31 | +5 | 3450 | 17 | 34.3 | +5 | 35.0 | 8.5 | ✓ |
| 32 | +8 | 3436 | 17 | 24.7 | +8 | 23.1 | 8.3 | ✓ |
| 33 | +7 | 3391 | 17 | 24.8 | +7 | 56.1 | 8.5 | ✓ |
| 34 | +7 | 3392 | 17 | 25.1 | +7 | 37.6 | 8.8 | ✓ |
| 35 | +7 | 3398 | 17 | 26.2 | +7 | 49.2 | 7.8 | ✓ |
| 36 | +7 | 3401 | 17 | 26.7 | +7 | 57.6 | 8.5 | ✓ |
| 37 | +8 | 3446 | 17 | 26.9 | +8 | 12.7 | 7.7 | ✓ |
| 38 | +8 | 3447 | 17 | 27.0 | +8 | 16.3 | 8.6 | ✓ |
| 39 | +8 | 3449 | 17 | 27.9 | +8 | 11.3 | 9.0 | ✓ |
| 40 | +7 | 3399 | 17 | 26.5 | +7 | 24.6 | 9.0 | ✓ |
| 41 | +7 | 3400 | 17 | 26.5 | +7 | 16.6 | 8.1 | ✓ |
| 42 | +7 | 3404 | 17 | 27.6 | +7 | 20.7 | 9.2 | ✓ |
| 43 | +6 | 3453 | 17 | 27.3 | +6 | 37.8 | 8.0 | ✓ |
| 44 | +6 | 3454 | 17 | ~~27.8~~ 27.5 / ~~30.9~~ | +6 | ~~27.9~~ 30 | 8.8 | ✓ |
| 45 | +6 | 3456 | 17 | 27.7 | +6 | 7.8 | 8.0 | ✓ |
| 46 | +6 | 3455 | 17 | 27.7 | +6 | 5.7 | 8.5 | ✓ |
| 47 | +5 | 3419 | 17 | 26.3 | +5 | 48.4 | 8.2 | ✓ |
| 48 | +5 | 3414 | 17 | 25.3 | +5 | 50.2 | 8.8 | ✓ |
| 49 | +6 | 3447 | 17 | 26.0 | +6 | 40.0 | 8.7 | ✓ |
| 50 | +6 | 3441 | 17 | ~~35.2~~ 24 | +6 | 28.1 | 8.9 | ✓ |
| 51 | +6 | 3468 | 17 | 29.7 | +6 | 58.3 | 8.9 | ✓ |
| 52 | +7 | 3418 | 17 | 30.2 | +7 | 2.6 | 8.8 | ✓ |
| 53 | +7 | 3423 | 17 | 31.1 | +7 | 9.3 | 9.0 | ✓ |
| 54 | +7 | 3425 | 17 | 31.4 | +7 | 19.0 | 8.4 | ✓ |

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1914phae.proj.21720



Wednesday, May 13, 1914
B M 3 0 5 short

11.08

| No. | Int. | Class | Remark |
|---|---|---|---|
| 55 | 2 | F8 | |
| 56 | 2 | F5 | |
| 57 | 2 | G0 | |
| 58 | 1 | G5 | |
| 59 | 2 | A3 | |
| 60 | 1 | A2 | |
| 61 | 1 | G5 | |
| 62 | 3 | K0 | |
| 63 | 2 | A0 | |
| 64 | 2 | A5 | |
| 65 | 4 | A0 | |
| 66 | 6 | F5 | |
| 67 | 2 | F8 | |
| 68 | 1 | F5 | |
| 69 | 1 | F5 | |
| 70 | 1 | G0 | |
| 71 | 6 | A0 | |
| 72 | 7 | A2 | |
| 73 | 6 | A0 | |
| 74 | 4 | B9 | |
| 75 | 6 | B8 | |
| 76 | 7 | A0 | |
| 77 | 4 | B8 | |
| 78 | 5 | B9 | |
| 79 | 7 | B8 | |
| 80 | 5 | B8 | |
| 11.15 81 | 7 | B8 | |
| 82 | 2 | B0 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 55 | +10 | 3238 | 17 | 26.2 | +10 | 1.8 | 8.9 | ✓ |
| 56 | +8 | 3442 | 17 | 26.0 | +8 | 50.2 | 9.0 | ✓ |
| 57 | +9 | 3421 | 17 | 27.4 | +9 | 19.0 | 9.0 | ✓ |
| 58 | +8 | 3438 | 17 | 24.9 | +8 | 53.3 | 8.5 | ✓ |
| 59 | +7 | 3387 | 17 | 23.8 | +7 | 6.5 | 9.1 | ✓ |
| 60 | +8 | 3456 | 17 | 30.5 | +8 | 4.1 | 9.3 | ✓ |
| 61 | +7 | 3426 | 17 | 31.5 | +7 | 12.7 | 9.0 | ✓ |
| 62 | +7 | 3427 | 17 | 31.7 | +7 | 12.1 | 8.5 | ✓ |
| 63 | +7 | 3428 | 17 | 31.9 | +7 | 19.3 | 8.6 | ✓ |
| 64 | +7 | 3429 | 17 | 32.5 | +7 | 33.6 | 9.0 | ✓ |
| 65 | +5 | 3442 | 17 | 31.3 | +5 | 13.0 | 8.2 | ✓ |
| 66 | +5 | 3443 | 17 | 31.4 | +5 | 6.6 | 8.3 | ✓ |
| 67 | +5 | 3434 | 17 | 29.6 | +6 | 54.0 | 9.1 | ✓ |
| | +5 | 3N30 | 17 | 28.8 | +5 | N7 | 9.0 | |
| 68 | +5 | ~~3414~~ | ~~17~~ | ~~25.3~~ | ~~+5~~ | ~~50.2~~ | ~~8.8~~ | |
| 69 | +5 | 3426 | 17 | 28.2 | +5 | 59.9 | 9.0 | ✓ |
| | | 3N29 | 17 | 28.7 | +5 | 37.0 | 9.2 | |
| 70 | +5 | ~~3430~~ | ~~17~~ | ~~28.8~~ | ~~+5~~ | ~~47.4~~ | ~~9.0~~ | |
| 71 | +4 | 3464 | 17 | 31.0 | +4 | 34.5 | 8.1 | ✓ |
| 72 | +6 | 3514 | 17 | 37.0 | +6 | 7.8 | 8.0 | ✓ |
| 73 | +5 | 3466 | 17 | 36.8 | +5 | 54.9 | 9.0 | ✓ |
| 74 | +5 | 3471 | 17 | 37.2 | +5 | 47.1 | 8.2 | ✓ |
| 75 | +5 | 3478 | 17 | 38.5 | +5 | 46.6 | 7.8 | ✓ |
| 76 | +5 | 3481 | 17 | 38.8 | +5 | 58.3 | 7.3 | ✓ |
| 77 | +5 | 3482 | 17 | 38.9 | +5 | 45.2 | 7.8 | ✓ |
| 78 | +5 | 3484 | 17 | 39.1 | +5 | 43.1 | 7.7 | ✓ |
| 79 | +5 | 3490 | 17 | 39.6 | +5 | 49.8 | 7.6 | ✓ |
| 80 | +5 | 3494 | 17 | 39.9 | +5 | 45.3 | 8.4 | ✓ |
| 81 | +5 | 3483 | 17 | 39.0 | +5 | 35.5 | 7.5 | ✓ |

Compared by E.R.B. Identified on plate by E.F.G. Aug. 28, 1914
Identified on cards by M.A.H. Aug. 31, 1914

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1914phae.proj.2172C



Tuesday May 12, 1914

9.25 33

T 38727

| No. | Int. | Class | Remarks |
|---|---|---|---|
| 1 | 8 | F2 | |
| 2 | 6 | A0 | |
| 3 | 3 | A5 | Completely sup. on 2. |
| 4 | 2 | F5 | |
| 5 | 1 | K0 | |
| 6 | 1 | A3 | |
| 7 | 1 | G5 | |
| 8 | 1 | K0 | |
| 9 | 1 | F2 | |
| 10 | 5 | K0 | |
| 11 | 1 | G5 | |
| 12 | 4 | A3 | |
| 13 | 3 | F2 | |
| 14 | 10+ | B9 | |
| 15 | 3 | F2 | |
| 16 | 1 | G5 | |
| 17 | 1 | K0 | |
| 18 | 3 | G0 | |
| 19 | 4 | F2 | |
| 20 | 3 | K2 | |
| 21 | 2 | G0 | |
| 22 | 1 | K0 | 8 |
| 23 | 1 | G | |
| 24 | 3 | A3 | |
| 25 | 1 | K5 | |
| 26 | 2 | K2 | |
| 27 | 4 | K2 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | +17° | 3057 | 16 | 29.7 | +17 | 46.6 | 7.6 ✓ |
| 2 | +17° | 3053 | 16 | 28.9 | +17 | 21.3 | 6.2 ✓ |
| 3 | +17° | 3054 | 16 | 28.9 | +17 | 24.6 | 7.5 ✓ |
| 4 | +18° | 3197 | 16 | 27.0 | +18 | 8.9 | 8.0 ✓ |
| 5 | +17° | 3041 | 16 | 24.9 | +17 | 49.4 | 7.8 ✓ |
| 6 | +17° | 3042 | 16 | 25.0 | +17 | 31.3 | 8.5 ✓ |
| 7 | +17° | 3039 | 16 | 24.0 | +17 | 1.7 | 8.7 ✓ |
| 8 | +17° | 3033 | 16 | 22.2 | +17 | 13.7 | 8.6 ✓ |
| 9 | ~~+17°~~ +18° | ~~3042~~ 3031 | 16 | ~~16.4~~ 22.1 | ~~+17~~ +17 | ~~10.5~~ 5.1 | ~~7.7~~ 8.8 ✓ |
| 10 | +15° | 3000 | 16 | 19.8 | +15 | 25.9 | 7.5 ✓ |
| 11 | +15° | 3001 | 16 | 20.0 | +15 | 10.0 | 9.1 ✓ |
| 12 | +14° | 3056 | 16 | 19.5 | +14 | 38.0 | 8.2 ✓ |
| 13 | +14° | 3051 | 16 | 19.1 | +14 | 41.3 | 8.6 ✓ |
| 14 | +14° | 3049 | 16 | 18.7 | +14 | 22.2 | 5.2 ✓ |
| 15 | +15° | 2994 | 16 | 18.1 | +15 | 4.7 | 8.1 ✓ |
| 16 | +15° | 2995 | 16 | 18.2 | +15 | 33.6 | 9.0 ✓ |
| 17 | +16° | 2938 | 16 | 17.6 | +16 | 30.0 | 8.6 ✓ |
| 18 | +16° | 2937 | 16 | 17.3 | +16 | 26.4 | 8.4 ✓ |
| 19 | +14° | 3042 | 16 | 16.4 | +14 | 10.5 | 7.7 ✓ |
| 20 | +13° | 3126 | 16 | 15.2 | +13 | 48.3 | 7.3 ✓ |
| 21 | +15° | 2976 | 16 | 11.9 | +15 | 54.0 | 8.5 ✓ |
| 22 | +15° | 2975 | 16 | 11.4 | +15 | 52.9 | 8.5 ✓ |
| 23 | +16° | 2926 | 16 | 12.7 | +16 | 46.3 | 8.6 ✓ |
| 24 | +13° | 3110 | 16 | 11.3 | +13 | 23.5 | 8.1 ✓ |
| 25 | +15° | 3044 | 16 | 37.1 | +15 | 48.9 | 8.7 ✓ |
| 26 | +15° | 3043 | 16 | 36.9 | +15 | 45.5 | 8.5 ✓ |
| 27 | +15° | 3040 | 16 | 36.4 | +15 | 55.9 | 7.5 ✓ |

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1914phae.proj.2172C



Tuesday May 12, 1914
Σ 38727

| No. | Int. | Class | Remark |
|---|---|---|---|
| 28 | 2 | Ma | |
| 29 | 2 | K2 | |
| 30 | 1 | F1 | |
| 31 | 1 | K5 | |
| 32 | 3 | F5 | |
| 33 | 3 | K2 | |
| 34 | 9 | A0 | H 128, 31 strong |
| 35 | 7 | B2 | |
| 36 | 5 | A2 | |
| 37 | 8 | F12 | |
| 38 | 2 | K0 | |
| 39 | 4 | G0 | |
| 40 | 1 | F8 | |
| 41 | 10 | A2 | |
| 42 | 3 | K0 | |
| 43 | 1 | K0 | |
| 44 | 1 | G5 | |
| 45 | 2 | K5 | |
| 46 | 3 | K2 | |
| 47 | 3 | A0 | |
| 48 | 3 | A3 | |
| 49 | 2 | K2 | |
| 50 | 2 | K2 | |
| 51 | 2 | K5 | |
| 52 | 2 | G5 | |
| 53 | 6 | K0 | |
| 54 | 3 | F8 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 28 | +16° | 3000 | 16 | 35.1 | +16 | 13.7 | 8.0 ✓ |
| 29 | +16° | 2998 | 16 | 34.8 | +16 | 23.8 | 7.8 ✓ |
| 30 | +17° | 3071 | 16 | 34.7 | +17 | 31.3 | 8.9 ✓ |
| 31 | +17° | 3087 | 16 | 33.4 | +17 | 6.7 | 8.2 ✓ |
| 32 | +16° | 2988 | 16 | 32.2 | +16 | 30.7 | 8.4 ✓ |
| 33 | +16° | 2983 | 16 | 30.7 | +16 | 0.3 | 7.9 ✓ |
| 34 | +15° | 3029 | 16 | 30.1 | +15 | 48.1 | 6.5 ✓ |
| 35 | +14° | 3086 | 16 | 30.3 | +14 | 46.3 | 6.8 ✓ |
| 36 | +15° | 3033 | 16 | 31.8 | +15 | 4.3 | 7.8 ✓ |
| 37 | +13° | 3177 | 16 | 31.1 | +13 | 59.6 | 6.0 ✓ |
| 38 | +13° | 3183 | 16 | 32.6 | +13 | 20.4 | 8.0 ✓ |
| 39 | +12° | 3054 | 16 | 31.8 | +12 | 55.7 | 7.2 ✓ |
| 40 | +12° | 3058 | 16 | 32.8 | +12 | 35.3 | 8.2 ✓ |
| 41 | +12° | 3063 | 16 | 34.1 | +12 | 42.1 | 6.0 ✓ |
| 42 | +13° | 3196 | 16 | 35.1 | +13 | 26.9 | 7.8 ✓ |
| 43 | +13° | 3203 | 16 | 36.0 | +13 | 53.9 | 8.4 ✓ |
| 44 | +13° | 3198 | 16 | 35.6 | +13 | 19.2 | 8.3 ✓ |
| 45 | +13° | 3205 | 16 | 36.5 | +13 | 9.8 | 7.0 ✓ |
| 46 | +12° | 3069 | 16 | 36.8 | +12 | 41.1 | 7.1 ✓ |
| 47 | +13° | 3207 | 16 | 37.9 | +13 | 52.9 | 8.0 ✓ |
| 48 | +13° | 3208 | 16 | 38.4 | +13 | 52.9 | 8.7 ✓ |
| 49 | +13° | 3218 | 16 | 40.5 | +13 | 17.3 | 7.3 ✓ |
| 50 | +15° | 3047 | 16 | 39.5 | +15 | 36.9 | 8.4 ✓ |
| 51 | +15° | 3042 | 16 | 36.6 | +15 | 6.2 | 8.0 ✓ |
| 52 | +15° | 3036 | 16 | 32.6 | +15 | 21.1 | 8.7 ✓ |
| 53 | +13° | 3177 | 16 | 27.1 | +13 | 42.8 | 7.2 ✓ |
| 54 | +13° | 3162 | 16 | 25.8 | +13 | 27.6 | 8.0 ✓ |

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1914phae.proj.21720



Tuesday May 12, 1914

P 38727

| No. | Int. | Class | Remarks |
|---|---|---|---|
| 55 | 1 | G... | |
| 56 | 8 | K5 | |
| 57 | 7 | A3 | |
| 58 | 3 | K0 | |
| 59 | 3 | Ma | |
| 60 | 7 | K0 | |
| 61 | 2 | F8 | |
| 62 | 2 | K5 | |
| 63 | 1 | K0 | |
| 64 | 6... | F0 | |
| 65 | 1 | K0 | Another star sup. at north |
| 66 | 2 | G5 | |
| 67 | 1-8 | G50 | |
| 68 | 2 | K5 | |
| 9.45 69 | 3 | F0 | |
| 70 | | | |
| 71 | | | |

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1914phae.proj.21720



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 55 | +12° | 3031 | 16 | 24.9 | +12 | 44.4 | 8.6 | ✓ |
| 56 | +11° | 3008 | 16 | 25.8 | +11 | 48.8 | 5.2 | ✓ |
| 57 | +10° | 3025 | 16 | 26.7 | +10 | 40.7 | 7.0 | ✓ |
| 58 | +10° | 3012 | 16 | 22.6 | +10 | 54.8 | 7.8 | ✓ |
| 59 | +11° | 2987 | 16 | 19.9 | +11 | 18.8 | 7.2 | ✓ |
| 60 | +11° | 2984 | 16 | 19.4 | +11 | 45.5 | 6.5 | ✓ |
| 61 | +12° | 3013 | 16 | 19.0 | +12 | 15.2 | 8.2 | ✓ |
| 62 | +11° | 2978 | 16 | 17.3 | +11 | 45.8 | 8.0 | ✓ |
| 63 | +11° | 2977 | 16 | 17.0 | +11 | 55.8 | 7.8 | ✓ |
| 64 | +13° | 3155 | 16 | 22.1 | +13 | 56.4 | 7.2 | ✓ |
| 65 | +14° | 3063 | 16 | 23.2 | +14 | 35.1 | 8.5 | ✓ superposed at north- +14° 3064 Magn. 8.7 |
| 66 | +15° | 3023 | 16 | ~~29.5~~ 26.7 | +15 | ~~17.5~~ 26.9 | ~~9.2~~ 8.5 | |
| 67 | +15° | 3026 | 16 | 28.8 | +15 | 50.5 | 8.9 | ✓ |
| 68 | +16° | 2977 | 16 | 29.4 | +16 | 50.6 | 8.4 | ✓ |
| 69 | +11° | 3015 | 16 | 29.9 | +11 | 1.4 | 8.0 | ✓ |

Identified on cards by M. A. Ho. Sept. 5, 1914

Identified in Book by A.M.C. Sept. 8, 1914

Identification compared cards & book by E.K.B.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



Tuesday, May 12, 1914

10.00 P 9606 short

| No. | Int. | Class | Remark |
|---|---|---|---|
| ✓ 1 | 7 | F2 | |
| ✓ 2 | 4 | G5 | |
| ✓ 3 | 3 | G5 | Partly sup. on 2 |
| ✓ 4 | 5 | A2 | |
| ✓ 5 | 5 | K0 | |
| ✓ 6 | 1 | G0 | |
| ✓ 7 | 1 | F8 | |
| ✓ 8 | 2 | G0 | |
| ✓ 9 | 7 | A2 | |
| ✓ 10 | 5 | A2 | |
| ✓ 11 | 1 | G0 | |
| ✓ 12 | 2 | G0 | |
| ✓ 13 | 2 | F8 | |
| ✓ 14 | 3 | G0 | |
| ✓ 15 | 7 | K2 | |
| ✓ 16 | 1 | K5 | |
| ✓ 17 | 2 | A0 | |
| ✓ 18 | 3 | K0 | |
| ✓ 19 | 5 | G5 | |
| ✓ 20 | 7 | F8 | |
| ✓ 21 | 3 | K5 | |
| ✓ 22 | 8 | A0 | |
| ✓ 23 | 8 | B9 | |
| ✓ 24 | 5 | G5 | |
| ✓ 25 | 1 | F2 | |
| ✓ 26 | 2 | F0 | |
| ✓ 27 | 2 | G5 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



| | | | | |
|---|---|---|---|---|
| 1 +9° | 3218 16 | 25.0 +9 | 43.8 | 6.8 ✓ |
| 2 +8° | 3215 16 | 24.5 +8 | 37.4 | 7.7 ✓ |
| 3 +8° | 3216 16 | 24.6 +8 | 37.4 | 9.0 ✓ |
| 4 +9° | 3225 16 | 26.7 +9 | 7.9 | 8.7 ✓ |
| 5 +8° | 3229 16 | 27.5 +8 | 59.3 | 7.5 ✓ |
| 6 +9° | 3229 16 | 27.8 +9 | 5.2 | 9.0 ✓ |
| 7 +8° | 3235 16 | 28.4 +8 | 57.3 | 8.7 ✓ |
| 8 +9° | 3238 16 | 29.9 +9 | 24.9 | 8.5 ✓ |
| 9 +9° | 3241 16 | 31.0 +9 | 47.0 | 8.2 ✓ |
| 10 +9° | 3244 16 | 32.9 +9 | 7.4 | 8.2 ✓ |
| 11 +9° | 3243 16 | 32.1 +9 | 26.6 | 8.8 ✓ |
| 12 +9° | 3259 16 | 37.1 +9 | 17.1 | 8.1 ✓ |
| 13 +9° | 3262 16 | 37.5 +9 | 14.0 | 8.5 ✓ |
| 14 +9° | 3264 16 | 37.8 +9 | 47.0 | 8.2 ✓ |
| 15 +8° | 3271 16 | 38.9 +8 | 50.5 | 5.6 ✓ |
| 16 +10° | 3058 16 | 38.0 +10 | 13.6 | 8.1 ✓ |
| 17 +10° | 3065 16 | 39.8 +10 | 4.9 | 9.0 ✓ |
| 18 +10° | 3075 16 | 41.6 +10 | 0.9 | 8.1 ✓ |
| 19 +9° | 3282 16 | 43.0 +9 | 40.5 | 7.0 ✓ |
| 20 +9° | 3287 16 | 44.2 +9 | 40.4 | 7.0 ✓ |
| 21 +10° | 3083 16 | 44.2 +10 | 7.7 | 7.3 ✓ |
| 22 +7° | 3256 16 | 43.3 +7 | 30.9 | 6.0 ✓ |
| 23 +5° | 3272 16 | 40.6 +5 | 30.4 | 5.3 ✓ |
| 24 +6° | 3288 16 | 37.9 +6 | 22.6 | 6.5 ✓ |
| 25 +6° | 3289 16 | 38.4 +6 | 57.5 | 8.8 ✓ |
| 26 +7° | 3243 16 | 39.2 +7 | 37.8 | 9.0 ✓ |
| 27 +8° | 3279 16 | 41.3 +8 | 39.5 | 8.3 ✓ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172c



Tuesday May 12, 1914
B 9606 short

| No. | Int. | Class | Remarks |
|---|---|---|---|
| ✓ 28 | 1 | K5 | |
| ✓ 29 | 2 | K2 | |
| ✓ 30 | 2 | G5 | |
| ✓ 31 | 2 | F5 | Partly sup. on 30 |
| ✓ 32 | 2 | A5 | |
| ✓ 33 | 7 | A0 | |
| ✓ 34 | 3 | A0 | |
| ✓ 35 | 5 | K0 | |
| ✓ 36 | 2 | A3 | |
| ✓ 37 | 1 | K2 | |
| ✓ 38 | 7 | B9 | |
| ✓ 39 | 4 | A3 | |
| ✓ 40 | 3 | K0 | |
| ✓ 41 | 4 | F5 | |
| ✓ 42 | 3 | G5 | |
| ✓ 43 | 3 | F8 | |
| ✓ 44 | 9 | B8 | |
| ✓ 45 | 5 | A3 | |
| ✓ 46 | 6 | F5 | |
| ✓ 47 | 3 | A0 | |
| ✓ 48 | 1 | K0 | |
| ✓ 49 | 2 | F8 | |
| ✓ 50 | 1 | G0 | |
| 51 | | | |
| 52 | | | |
| 53 | | | |
| 57 54 | 5 | G0 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21726



| | | | | |
|---|---|---|---|---|
| 28 +7° | 3233 16 | 37.3 +7 | 36.1 | 8.5 ✓ |
| 29 +7° | 3228 16 | 36.8 +7 | 48.0 | 8.7 ✓ |
| 30 +6° | 3282 16 | 36.6 +6 | 53.5 | 7.8 ✓ |
| 31 +6° | 3281 16 | 36.5 +6 | 54.1 | 9.0 ✓ |
| 32 +5° | 3258 16 | 35.7 +5 | 21.0 | 9.0 ✓ |
| 33 +5° | 3254 16 | 34.4 +5 | 9.0 | 7.2 ✓ |
| 34 +6° | 3263 16 | 31.0 +6 | 1.6 | 9.0 ✓ |
| 35 +5° | 3240 16 | 30.4 +5 | 35.2 | 6.8 ✓ |
| 36 +5° | 3239 16 | 30.3 +5 | 23.8 | 9.2 ✓ |
| 37 +5° | 3241 16 | 30.6 +5 | 17.2 | 8.5 ✓ |
| 38 +7° | 3209 16 | 29.8 +7 | 23.3 | var ✓ |
| 39 +7° | 3207 16 | 28.0 +7 | 9.2 | 8.4 ✓ |
| 40 +7° | 3202 16 | 26.8 +7 | 53.1 | 8.2 ✓ |
| 41 +7° | 3193 16 | 24.2 +7 | 12.7 | 8.0 ✓ |
| 42 +6° | 3244 16 | 25.9 +6 | 55.8 | 8.0 ✓ |
| 43 +6° | 3245 16 | 26.0 +6 | 51.4 | 8.7 ✓ |
| 44 +5° | 3223 16 | 25.5 +5 | 49.8 | 5.9 ✓ |
| 45 +5° | 3221 16 | 24.5 +5 | 45.0 | 7.7 ✓ |
| 46 +6° | 3236 16 | 22.7 +6 | 17.7 | 7.0 ✓ |
| 47 +5° | 3229 16 | 28.1 +5 | 49.0 | 8.5 ✓ |
| 48 +6° | 3253 16 | 28.5 +6 | 18.0 | 8.6 ✓ |
| 49 +6° | 3256 16 | 29.3 +6 | 57.0 | 8.7 ✓ |
| 50 +4° | 3211 ~~24~~ 16 | 27.3 +4 | 12.4 | 8.6 ✓ |

Ident on Cards by Anc. Feb. 18, 1915

Ident. in Book by M.A.H. Feb. 17, 1915

Identification compared by G.R.B. Feb. 26, 1915

✓ 51 +4° 3195 16 23.4 +4 33 2.6 1 81 m 13 801

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172C



Tuesday May 12, 1914
B19012

| No. | Int. | Class | Remark | Cont. from 88, 218 |
|---|---|---|---|---|
| ✓ 190 | 1 | Ko | | |
| ✓ 191 | 5 | G5 | | |
| ✓ 192 | 1 | Ao | | |
| ✓ 193 | 3 | G5 | | |
| ✓ 194 | 1 | Ao | | |
| ✓ 195 | 1 | K5 | | |
| ✓ 196 | 6 | F2 | | |
| ✓ 197 | 4 | K2 | | |
| ✓ 198 | 1 | Ko | | |
| ✓ 199 | 4 | Ko | | |
| ✓ 200 | 4 | F5 | | |
| ✓ 201 | 2 | G5 | | |
| ✓ 202 | 1 | F5 | | |
| ✓ 203 | 2 | G | & | |
| ✓ 204 | 3 | Ko | & | |
| ✓ 205 | 4 | F8 | & | |
| ✓ 206 | 2 | F8 | | |
| ✓ 207 | 1 | G5 | | |
| ✓ 208 | 1 | Ma | | |
| ✓ 209 | 1 | K2 | | |
| ✓ 210 | 1 | K5 | | |
| ✓ 211 | 3 | F8 | | |
| ✓ 212 | 3 | K2 | | |
| ✓ 213 | 2 | K5 | | |
| ✓ 214 | 1 | K2 | | |
| ✓ 215 | 3 | K2 | | |
| ✓ 216 | 4 | Ko | | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21726



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 190 | +4° | 3249 | 16 | 38.7 | +4 | 26 | 9.0 ✓ |
| 191 | +4° | 3253 | 16 | 39.1 | +4 | 6 | 8.0 ✓ |
| 192 | +4° | 3256 | 16 | 39.9 | +4 | 42 | 9.5 ✓ |
| 193 | +4° | 3259 | 16 | 41.8 | +4 | 37 | 9.0 ✓ |
| 194 | +3° | 3289 | 16 | 44.2 | +3 | 26 | 9.0 ✓ |
| 195 | +3° | 3290 | 16 | 44.2 | +3 | 10 | 9.1 ✓ |
| 196 | +4° | 3279 | 16 | 45.3 | +4 | 32 | 8.6 ✓ |
| 197 | +5° | 3284 | 16 | 45.2 | +5 | 3 | 8.4 ✓ |
| 198 | +5° | 3285 | 16 | 45.5 | +5 | 10 | 9.2 ✓ |
| 199 | +3° | 3301 | 16 | 47.7 | +3 | 54 | 8.3 ✓ +3° 3300 sup. 9.2 |
| 200 | +3° | 3306 | 16 | 49.4 | +3 | 54 | 8.7 ✓ |
| 201 | +4° | 3288 | 16 | 49.8 | +4 | 10 | 9.0 ✓ |
| 202 | +4° | 3290 | 16 | 50.0 | +4 | 41 | 9.2 ✓ |
| 203 | +3° | 3308 | 16 | 49.9 | +3 | 24 | 9.0 ✓ |
| 204 | +3° | 3316 | 16 | 52.0 | +3 | 8 | 8.6 ✓ |
| 205 | +3° | 3329 | 16 | 55.5 | +3 | 35 | 8.9 ✓ |
| 206 | +4° | 3307 | 16 | 53.3 | +4 | 23 | 8.8 ✓ |
| 207 | +4° | 3305 | 16 | 53.1 | +4 | 38 | 9.4 ✓ |
| 208 | +4° | 3317 | 16 | 55.8 | +4 | 58 | 8.7 ✓ |
| 209 | +4° | 3244 | 16 | 37.5 | +4 | 46 | 8.9 ✓ |
| 210 | +4° | 3245 | 16 | 37.7 | +4 | 28 | 8.9 ✓ |
| 211 | +3° | 3244 | 16 | 33.8 | +3 | 16 | 8.8 ✓ |
| 212 | +3° | 3243 | 16 | 33.7 | +3 | 55 | 8.5 ✓ |
| 213 | +4° | 3232 | 16 | 32.9 | +4 | 16 | 8.5 ✓ |
| 214 | +5° | 3248 | 16 | 33.0 | +5 | 5 | 9.1 ✓ |
| 215 | +5° | 3244 | 16 | 31.9 | +5 | 20 | 8.7 ✓ |
| 216 | +5° | 3246 | 16 | 32.7 | +5 | 48 | 8.7 ✓ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172C



Tuesday May 12, 1914
B 1901.2

| | No | Int. | Class | Remarks |
|---|---|---|---|---|
| ✓ | 217 | 4 | G5 | |
| ✓ | 218 | 3 | K0 | Another star sup. at north |
| ✓ | 219 | 2 | G0 | |
| ✓ | 220 | 1 | K5 | |
| ✓ | 221 | 2 | G0 | |
| ✓ | 222 | 3 | K0 | E |
| ✓ | 223 | 2 | G5 | |
| ✓ | 224 | 2 | K0 | E |
| 10.36 | ✓ | 225 | 3 | G0 | E |
| | | 226 | | | |

| | | |
|---|---|---|
| 226 | 5 | F8 |
| 227 | 3 | K0 |
| 228 | 4 | F2 |
| 229 | X² | F2 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



| | | | | | | |
|---|---|---|---|---|---|---|
| 217 +6° | 3274 | 16 | 33.6 +6 | 4 | 9.1 | ✓ |
| 218 +6° | 3273 | 16 | 33.6 +6 | 16 | 9.1 | ✓ |
| 219 +6° | 3270 | 16 | 33.3 +6 | 26 | 9.5 | ✓ |
| 220 +7° | 3285 | 16 | ~~35.7~~ 31.1 +7 | ~~5~~ 8 | 9.4 2 | ✓ |
| 221 +9° | 3242 | 16 | 31.2 +9 | 26 | 8.7 | ✓ |
| 222 +4° | 3221 | 16 | 29.7 +4 | 40 | 8.6 | ✓ |
| 223 +3° | 3238 | 16 | 32.0 +3 4 | 0 | 8.7 | ✓ |
| 224 +5° | 3234 | 16 | 29.6 +5 | 19 | 8.7 | ✓ |
| 225 +5° | 3237 | 16 | 30.1 +5 | 38 | 9.0 | ✓ |

Ident. on Cards by A.M.C. Dec. 24, 1914
Ident. in book by J.C.M. Dec. 31, 1914.
Identification confused by G.R.B. Dec. 31, 1914.

| | | | | | | |
|---|---|---|---|---|---|---|
| 226 +7° | 3291 | 16 | 55.0 + 7 | 53 | 8.5 | 173 on D 37767 |
| 227 +6° | 3339 | 16 | 55.6 + 6 | 40 | 8.5 | 177 " " |
| 228 +6° | 3333 | 16 | 54.1 + 6 | 40 | 8.7 | 176 " " |
| 229 +4° | 3310 | 16 | 54.4 + 4 | 21 | 8.7 | 82 " " |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



Wednesday May 13, 1914

I 38781

9.21

| No. | Int. | Class | Remark |
|---|---|---|---|
| 1 | 5 | Ko | |
| 2 | 2 | F5 | |
| 3 | 4 | Ko | |
| 4 | 9 | F5 | |
| 5 | 5 | F5 | |
| 6 | 3 | Ko | |
| 7 | 9 | F2 | |
| 8 | 10 | Ao | |
| 9 | 8 | A5 | |
| 10 | 4 | g5 | |
| 11 | 4 | Ko | |
| 12 | 1 | g5 | |
| 13 | 3 | Ao | |
| 14 | 2 | g5 | |
| 15 | 8 | K2 | |
| 16 | 3 | Ko | |
| 17 | 2 | g5 | |
| 18 | 5 | B8 | |
| 19 | 10 | F5 | |
| 20 | 1 | K5 | |
| 21 | 3 | g5 | |
| 22 | 2 | K2 | |
| 23 | 5 | F8 | |
| 24 | 3 | g5 | |
| 25 | 10 | Ao | Another star sup. on fol. side |
| 26 | 4 | Ao | |
| 27 | 4 | F8 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



| | | | | | |
|---|---|---|---|---|---|
| 1 | +13° | 3411 | 17 | 29.9 +13 | 21.7 | 7.3 ✓ |
| 2 | +12° | 3264 | 17 | 30.7 +12 | 37.5 | 8.6 ✓ |
| 3 | +12° | 3267 | 17 | 31.7 +12 | 50.2 | 7.5 ✓ |
| 4 | +13° | 3421 | 17 | 32.3 +13 | 25.1 | 6.5 ✓ |
| 5 | +13° | 3423 | 17 | 33.0 +13 | 23.1 | 7.5 ✓ |
| 6 | +13° | 3434 | 17 | 35.8 +13 | 47.2 | 7.8 ✓ |
| 7 | +14° | 3321 | 17 | 36.8 +14 | 21.9 | 6.0 ✓ |
| 8 | +14° | 3329 | 17 | 37.7 +14 | 28.8 | 6.0 ✓ |
| 9 | +13° | 3444 | 17 | 37.7 +13 | 52.3 | 7.2 ✓ |
| 10 | +13° | 3445 | 17 | 38.3 +13 | 4.9 | 7.9 ✓ |
| 11 | +13° | 3447 | 17 | 38.9 +13 | 4.9 | 7.8 ✓ |
| 12 | +13° | 3452 | 17 | 39.8 +13 | 39.9 | 8.7 ✓ |
| 13 | +14° | 3336 | 17 | 40.2 +14 | 3.5 | 8.3 ✓ |
| 14 | +12° | 3300 | 17 | 43.1 +12 | 48.8 | 8.8 ✓ |
| 15 | +12° | 3305 | 17 | 44.0 +12 | 0.1 | 6.4 ✓ |
| 16 | +12° | 3313 | 17 | 45.1 +12 | 3.5 | 7.9 ✓ |
| 17 | +12° | 3316 | 17 | 45.7 +12 | 0.9 | 8.1 ✓ +12° 3315 magn. 9.0 sup. |
| 18 | +10° | 3315 | 17 | 46.6 +10 | 59.6 | 8.5 ✓ +10° 3314 magn. 9.0 sup. |
| 19 | +11° | 3283 | 17 | 47.5 +11 | 11.0 | 6.5 ✓ |
| 20 | +11° | 3290 | 17 | 48.7 +11 | 40.3 | 8.5 ✓ |
| 21 | +11° | 3291 | 17 | 49.0 +11 | 50.0 | 8.5 ✓ |
| 22 (4) | +11° | 3295 | 17 | 49.9 +11 | 54.2 | 8.3 ✓ |
| 23 | +12° | 3336 | 17 | 50.6 +12 | 38.9 | 7.3 ✓ |
| 24 (2) | +12° | 3324 | 17 | 48.2 +12 | 42.3 | 8.5 ✓ |
| 25 | +11° | 3299 | 17 | 50.7 +11 | 4.8 | 6.5 ✓ +10° 3337 magn. 8.1 sup. |
| 26 | +10° | 3341 | 17 | 51.4 +10 | 12.1 | 7.8 ✓ |
| 27 | +12° | 3351 | 17 | 52.6 +12 | 5.9 | 7.7 ✓ |

Note Change in Nos.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



Wednesday May 13, 1914
I 38781

| No. | Int. | Class | Remark |
|---|---|---|---|
| ✓ 28 | 3 | A2 | |
| ✓ 29 | 5 | K5 | |
| ✓ 30 | 1 | Ma | |
| ✓ 31 | 2 | A2 | |
| ✓ 32 | 3 | Ao | |
| ✓ 33 | 4 | F8 | |
| ✓ 34 | 2 | K5 | |
| ✓ 35 | 6 | K5 | |
| ✓ 36 | 7 | Ao | |
| ✓ 37 | 1 | G5 | |
| ✓ 38 | 2 | F5 | |
| ✓ 39 | 6 | A2 | |
| ✓ 40 | 7 | F0 | |
| ✓ 41 | 2 | F8 | |
| ✓ 42 | 1 | A | |
| ✓ 43 | 4 | F5 | |
| ✓ 44 | 2 | K2 | |
| ✓ 45 | 5 | Ao | |
| ✓ 46 | 5 | F2 | |
| ✓ 47 | 2 | K2 | |
| ✓ 48 | 9 | F5 | |
| ✓ 49 | 10 | Ao | |
| ✓ 50 | 4 | F2 | |
| ✓ 51 | 7 | F0 | |
| ✓ 52 | 7 | A2 | |
| ✓ 53 | 6 | Ao | |
| ✓ 54 | 3 | K5 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



| | | | | |
|---|---|---|---|---|
| 28 +12° | 3346 | 17 | 52.3 +12 | 27.2 | 8.5 ✓ |
| 29 +9° | 3511 | 17 | 48.5 +9 | 49.8 | 8.6 ✓ |
| 30 +9° | 3516 | 17 | 49.1 +9 | 46.8 | 8.0 ✓ |
| 31 +9° | 3510 | 17 | 48.4 +9 | 17.4 | 8.8 ✓ |
| 32 +8° | 3533 | 17 | 48.4 +8 | 55.6 | 8.6 ✓ |
| 33 +8° | 3534 | 17 | 48.6 +8 | 37.0 | 8.0 ✓ |
| 34 +9° | 3505 | 17 | 47.0 +9 | 49.0 | 8.6 ✓ |
| 35 +9° | 3485 | 17 | 43.3 +9 | 54.3 | 7.0 ✓ |
| 36 +9° | 3488 | 17 | 43.7 +9 | 36.3 | 7.8 ✓ |
| 37 +9° | 3493 | 17 | 44.7 +9 | 50.3 | 9.0 ✓ |
| 38 +9° | 3495 | 17 | 45.2 +9 | 16.7 | 8.8 ✓ |
| 39 +8° | 3519 | 17 | 45.2 +8 | 51.9 | 7.8 ✓ |
| 40 +8° | 3523 | 17 | 45.8 +8 | 41.9 | 7.7 ✓ |
| 41 +8° | 3524 | 17 | 45.9 +8 | 57.5 | 8.8 ✓ |
| 42 +9° | 3503 | 17 | 46.5 +9 | 0.9 | 9.1 ✓ |
| 43 +7° | 3503 | 17 | 47.0 +7 | 57.8 | 7.5 ✓ |
| 44 +7° | 3496 | 17 | 45.9 +7 | 46.3 | 8.5 ✓ |
| 45 +7° | 3488 | 17 | 44.9 +7 | 26.3 | 7.1 ✓ +7° 3489 magn. 9.4 comp. following |
| 46 +6° | 3560 | 17 | 45.0 +6 | 45.0 | 8.0 ✓ |
| 47 +6° | 3561 | 17 | 45.1 +6 | 25.1 | 8.3 ✓ |
| 48 +6° | 3566 | 17 | 46.2 +6 | 7.8 | 5.9 ✓ |
| 49 +6° | 3578 | 17 | 49.9 +6 | 30.5 | 6.8 ✓ |
| 50 +7° | 3481 | 17 | 43.6 +7 | 16.2 | 7.8 ✓ |
| 51 +8° | 3511 | 17 | 44.1 +8 | 35.0 | 7.0 ✓ |
| 52 +9° | 3471 | 17 | 41.1 +9 | 50.5 | 7.0 ✓ |
| 53 +9° | 3451 | 17 | 35.5 +9 | 31.2 | 8.2 ✓ |
| 54 +10° | 3269 | 17 | 35.2 +10 | 43.0 | 8.2 ✓ |

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1914phae.proj.21720



Wednesday May 13, 1914.
I 38*81

| | No. | Int. | Class | Remark |
|---|---|---|---|---|
| ✓ | 55 | 4 | A2 | |
| ✓ | 56 | 1 | K5 | |
| ✓ | 57 | 2 | A2 | |
| ✓ | 58 | 3 | A0 | |
| ✓ | 59 | 7 | G5 | |
| ✓ | 60 | 2 | A0 | |
| ✓ | 61 | 1 | K5 | |
| ✓ | 62 | 1 | K5 | |
| ✓ | 63 | 1 | K0 | |
| ✓ | 64 | 1 | A2 | |
| ✓ | 65 | 2 | F2 | |
| ✓ | 66 | 1 | K5 | |
| ✓ | 67 | 1 | K2 | |
| ✓ | 68 | 3 | A0 | |
| ✓ | 69 | 2 | A2 | |
| ✓ | 70 | 2 | K2 | |
| ✓ | 71 | 2 | F5 | |
| ✓ | 72 | 2 | G0 | |
| ✓ | 73 | 1 | F5 | |
| ✓ | 74 | 2 | K2 | |
| ✓ | 75 | 10+ | A0 | |
| ✓ | 76 | 1 | K0 | |
| ✓ | 77 | 1 | G5 | |
| ✓ | 78 | 3 | G5 | |
| ✓ | 79 | 2 | K2 | |
| ✓ | 80 | 1 | G5 | |
| ✓ | 81 | 1 | G5 | |

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1914phae.proj.21720



| | | | | |
|---|---|---|---|---|
| 55 +10° | 3272 17 | 36.3+10 | 25.9 | 8.5 ✓ |
| 56 +10° | 3277 17 | 36.9 +10 | 10.0 | 8.6 ✓ |
| 57 +10° | 3279 17 | 37.3 +10 | 42.8 | 9.0 ✓ |
| 58 +10° | 3280 17 | 37.3 +10 | 52.5 | 8.7 ✓ |
| 59 +11° | 3251 17 | 38.7 +11 | 13.4 | 7.2 ✓ |
| 60 +11° | 3254 17 | 40.0 +11 | 47.8 | 8.9 ✓ |
| 61 +11° | 3263 17 | 41.4 +11 | 53.5 | 8.6 ✓ |
| 62 +11° | 3242 17 | 37.2 +11 | 39.2 | 8.7 ✓ |
| 63 +11° | 3241 17 | 36.9 +11 | 44.4 | 8.8 ✓ |
| 64 +12° | 3278 17 | 36.3 +12 | 19.6 | 9.0 ✓ |
| 65 +12° | 3276 17 | 35.4 +12 | 21.7 | 8.7 ✓ |
| 66 +12° | 3274 17 | 34.2 +12 | 8.4 | 8.2 ✓ |
| 67 +11° | 3230 17 | 34.2 +11 | 38.8 | 8.7 ✓ |
| 68 +11° | 3231 17 | 34.5 +11 | 18.3 | 8.6 ✓ |
| 69 +11° | 3225 17 | 33.5 +11 | 33.4 | 8.9 ✓ |
| 70 +11° | 3217 17 | 31.8 +11 | 17.9 | 8.3 ✓ |
| 71 +10° | 3260 17 | 31.9 +10 | 47.5 | 8.7 ✓ |
| 72 +10° | 3257 17 | 31.7 +10 | 15.6 | 8.7 ✓ |
| 73 +10° | 3254 17 | 31.1 +10 | 19.6 | 8.8 ✓ |
| 74 +9° | 3425 17 | 28.0 +9 | 31.7 | 8.2 ✓ |
| 75 +9° | 3424 17 | 27.7 +9 | 42.0 | ✓ 6.7 +9° 3423 magn. 8.5 sep. |
| 76 +9° | 3421 17 | 27.4 +9 | 19.0 | 9.0 ✓ |
| 77 +10° | 3238 17 | 26.2 +10 | 1.8 | 8.9 ✓ |
| 78 +10° | 3239 17 | 26.4 +10 | 42.8 | 8.2 ✓ |
| 79 +10° | 3231 17 | 25.3 +10 | 30.0 | 8.1 ✓ +10° 3230 magn. 9.4 sep. |
| 80 +11° | 3194 17 | 24.9 +11 | 19.1 | 8.7 ✓ |
| 81 +9° | 3399 17 | 21.7 +9 | 51.4 | 8.5 ✓ |

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1914phae.proj.21720



Wednesday May 13, 1914
I 38781

| | no. | Int. | Class | Remarks |
|---|---|---|---|---|
| | ✓ 82 | 5 | Ao | |
| 9.38 | ✓ 83 | 2 | G5 | Another star sup. at south ? |
| | 84 | | | |

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1914phae.proj.21726



| | | | | | |
|---|---|---|---|---|---|
| 82 +~~10~~ 9° | 3398 | 17 | 21.0 +~~10~~ 9 | 53.1 | 8.3 ✓ |
| 83 +13° | 3472 | 17 | 45.3 +13 | 35.5 | 8.5 ~ Not cat. star sup. |

Identn. on cards by Anne. Jan. 28. 1915

Identn. in Book. by M. A. H. Jan. 28, 1915.

Identification confirmed by G.R.B. Feb. 2, 1915

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1914phae.proj.21720



Wednesday May 13, 1914

I 37959

9.40

| No. | Int. | Class | Remark |
|---|---|---|---|
| ✓ 1 | 3 | Go | C |
| ✓ 2 | 5 | Ao | |
| ✓ 3 | 5 | Ao | |
| ✓ 4 | 2 | Ko | |
| ✓ 5 | 2 | K5 | |
| ✓ 6 | 4 | A | Another star sup.? |
| ✓ 7 | 4 | F0 | |
| ✓ 8 | 8 | Ko | |
| ✓ 9 | 3 | Ao | |
| ✓ 10 | 2 | Ko | |
| ✓ 11 | 3 | Ko | |
| ✓ 12 | 3 | F8 | |
| ✓ 13 | 1 | F0 | |
| ✓ 14 | 1 | F5 | |
| ✓ 15 | 1 | G5 | |
| ✓ 16 | 1 | A3 | |
| ✓ 17 | 2 | A2 | |
| ✓ 18 | 4 | A2 | |
| ✓ 19 | 1 | K5 | |
| ✓ 20 | 7 | A0 | |
| ✓ 21 | 7 | F8 | |
| ✓ 22 | 7 | F8 | |
| ✓ 23 | 2 | Ma | |
| ✓ 24 | 3 | Ao | |
| ✓ 25 | 4 | Ao | |
| ✓ 26 | 4 | Ao | |
| ✓ 27 | 1 | K5 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 | +14° 3235 | 17 | 40.1 | +14 | 51 | 8.2 | | ✓ |
| 2 | +15° 3270 | 17 | 40.6 | +15 | 6 | 7.8 | | ✓ |
| 3 | +15° 3272 | 17 | 41.1 | +15 | 6 | 7.8 | | ✓ |
| 4 | +14° 3338 | 17 | 41.3 | +14 | 58 | 8.4 | | ✓ |
| 5 | +14° 3339 | 17 | 41.4 | +14 | 48 | 8.4 | | ✓ |
| 6 | +15° 3285 | 17 | 43.6 | +15 | 33 | 7.8 | | ✓ |
| 7 | +15° 3290 | 17 | 45.3 | +15 | 2 | 7.7 | | ✓ |
| 8 | +15° 3292 | 17 | 45.4 | +15 | 23 | 6.5 | | ✓ |
| 9 | +15° 3293 | 17 | 46.1 | +15 | 46 | 8.3 | | ✓ |
| 10 | +15° 3297 | 17 | 47.2 | +15 | 50 | 8.2 | | ✓ |
| 11 | +16° 3312 | 17 | 48.1 | +16 | 20 | 8.2 | | ✓ |
| 12 | +15° 3301 | 17 | 48.7 | +15 | 19 | 8.0 | | ✓ |
| 13 | +14° 3360 | 17 | 46.8 | +14 | 49 | 8.6 | | ✓ |
| 15 | +14° 3357 | 17 | 46.5 | +14 | 2 | 8.9 | = Two stars. See chart plate I 31845 and chart plate I 25571. Only one given in Bm cat. | ✓ |
| 14 15 | +13° 3377 | 17 | 46.8 | +13 | 48 | 8.6 | | ✓ |
| 16 | +13° 3385 | 17 | 48.8 | +13 | 53 | 8.7 | | ✓ |
| 17 | +13° 3387 | 17 | 49.4 | +13 | 42 | 8.2 | | ✓ |
| ~~17~~ | ~~+15° 3290~~ | ~~17~~ | ~~45.3~~ | ~~+15~~ | ~~2~~ | ~~7.7~~ | | |
| 18 | +13° 3392 | 17 | 50.5 | +13 | 59 | 7.8 | | ✓ |
| 19 | +14° 3373 ~~3374~~ | 17 | 51.2 | +14 | 2 | 8.5 ~~9.4~~ | | ✓ |
| 20 | +14° 3374 | 17 | 51.8 | +14 | 32 | 6.5 | +14° 3375 17 51.8 +14 37 7.8 Super | ✓ |
| 21 | +14° 3378 | 17 | 52.2 | +14 | 52 | 7.0 | | ✓ |
| 22 | +15° 3311 | 17 | 51.6 | +15 | 9 | Var | | ✓ |
| 23 | +15° 3309 | 17 | 51.5 | +15 | 27 | 7.3 | | ✓ |
| 24 | +15° 3317 | 17 | 53.2 | +15 | 19 | 8.3 | | ✓ |
| 25 | +14° 3381 | 17 | 53.1 | +14 | 29 | 7.8 | | ✓ |
| 26 | +13° 3398 | 17 | 52.6 | +13 | 55 | 7.8 | | ✓ |
| 27 | +14° 3387 | 17 | 54.5 | +14 | 8 | 7.8 | +14° 3388 17 ~~54.5~~ 54.6 +14 8.9 3 Super | ✓ |

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1914phae.proj.21720



Wednesday, May 13, 1914
I 37959

| No. | Int. | Class | Remarks |
|---|---|---|---|
| ✓ 28 | 8 | G5 | |
| ✓ 29 | 1 | F5 | |
| ✓ 30 | 1 | K2 | |
| ✓ 31 | 1 | Ma | |
| ✓ 32 | 3 | Ko | |
| ✓ 33 | 4 | Ao | |
| ✓ 34 | 5 | F0 | |
| ✓ 35 | 4 | Ao | |
| ✓ 36 | 1 | Ao | |
| ✓ 37 | 3 | A2 | |
| ✓ 38 | 1 | K2 | |
| ✓ 39 | 8 | Ao | |
| ✓ 40 | 3 | Ko | |
| ✓ 41 | 1 | Ko | |
| ✓ 42 | 8 | Ao | |
| ✓ 43 | 3 | Ao | |
| ✓ 44 | 2 | K2 | |
| ✓ 45 | 3 | Ao | |
| ✓ 46 | 4 | Ao | |
| ✓ 47 | 2 | Ao | |
| ✓ 48 | 9 | A2 | |
| ✓ 49 | 2 | F5 | |
| ✓ 50 | 3 | Ao | |
| ✓ 51 | 3 | Ma | |
| ✓ 52 | 1 | G5 | |
| ✓ 53 | 6 | Ko | Another star on prec. side |
| ✓ 54 | 3 | Ko | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae..proj..2172c



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 28 | +15° 3327 | 17 | 54.4 | +15 | 7 | 6.5 | ✓ |
| 29 | +15° 3337 | 17 | 54.8 | +15 | 31 | 8.4 | ✓ |
| 30 | +14° 3390 | 17 | 55.6 | +14 | 53 | 8.7 | ✓ |
| 31 | +15° 3341 | 17 | 56.4 | +15 | 0 | 8.0 | ✓ |
| 32 | +15° 3344 | 17 | 57.0 | +15 | 26 | 8.1 | ✓ |
| 33 | +14° 3404 | 17 | 57.6 | +14 | 46 | 8.0 | ✓ |
| 34 | +14° 3397 | 17 | 57.0 | +14 | 5 | 7.5 | ✓ |
| 35 | +12° 3362 | 17 | 55.3 | +12 | 46 | 7.8 | ✓ |
| 36 | +12° 3361 | 17 | 55.2 | +12 | 15 | 8.8 | ✓ |
| 37 | +12° 3366 | 17 | 56.2 | +12 | 37 | 8.5 | ✓ |
| 38 | +12° 3370 | 17 | 57.0 | +12 | 16 | 8.6 | ✓ |
| 39 | +12° 3382 | 17 | 58.9 | +12 | 1 | 7.6 | ✓ |
| | +12° 3383 | | 59.0 | | | 7.5 | |
| | +12° 3386 | 17 | 59.7 | +12 | 21 | 7.8 | |
| 40 | ~~+11 3337~~ | ~~17~~ | ~~58.8~~ | ~~+11~~ | ~~20~~ | ~~9.3~~ | ✓ |
| 41 | +13° 3514 | 17 | 59.1 | +13 | 28 | 8.5 | ✓ |
| 42 | +13° 3529 | 18 | 1.1 | +13 | 4 | 6.7 | ✓ |
| 43 | +12° 3403 | 18 | 2.1 | +12 | 27 | 8.0 | ✓ |
| 44 | +12° 3404 | 18 | 2.7 | +12 | 23 | 7.5 | ✓ |
| 45 | +13° 3540 | 18 | 2.6 | +13 | 28 | 8.4 | ✓ |
| 46 | +14° 3436 | 18 | 2.6 | +14 | 0 | 7.9 | ✓ |
| 47 | +14° 3431 | 18 | 2.2 | +14 | 23 | 8.2 | ✓ |
| 48 | +14° 3427 | 18 | 2.0 | +14 | 16 | 6.5 | ✓ |
| 49 | +14° 3422 | 18 | 1.1 | +14 | 8 | 8.7 | ✓ |
| | 3420 | 18 | 0.9 | +14 | 53 | 8.2 | |
| 50 | +14° ~~3417~~ | ~~18~~ | ~~0.6~~ | ~~+14~~ | ~~47~~ | ~~9.0~~ | ✓ |
| 51 | +15° 3383 | 18 | 0.8 | +15 | 13 | 7.4 | ✓ |
| 52 | +15° 3362 | 18 | 0.7 | +15 | 41 | 9.0 | ✓ |
| 53 | +15° 3363 | 18 | 0.9 | +15 | 55 | 6.5 | ✓ |
| 54 | +15° 3358 | 17 | 59.8 | +15 | 34 | 8.5 | ✓ |

r +15° 3364 18 0.8 +15 36 8.6 Super.
+15° 3367 18 0.9 +15 57 8.6

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1914phae.proj.21720



Wednesday May 13, 1914
I 37959

| | No. | Int. | Class | Remarks |
|---|---|---|---|---|
| ✓ | 55 | 3 | K5 | |
| ✓ | 56 | 3 | A0 | |
| ✓ | 57 | 4 | Ma | |
| ✓ | 58 | 9 | A0 | |
| ✓ | 59 | 5 | G0 | |
| ✓ | 60 | 5 | A0 | |
| ✓ | 61 | 5 | A3 | |
| ✓ | 62 | 2 | Ma | |
| ✓ | 63 | 10 | K0 | |
| ✓ | 64 | 2 | A0 | |
| ✓ | 65 | 1 | K0 | |
| ✓ | 66 | 1 | G5 | |
| ✓ | 67 | 1 | K0 | |
| ✓ | 68 | 2 | K0 | |
| ✓ | 69 | 8 | A2: | comp.? Trace of G. Band seen. |
| ✓ | 70 | 2 | K2 | |
| ✓ | 71 | 1 | K0 | |
| ✓ | 72 | 6 | G5 | |
| ✓ | 73 | 2 | K2 | |
| ✓ | 74 | 1 | G5 | |
| ✓ | 75 | 1 | A0 | |
| ✓ | 76 | 1 | Ma | |
| ✓ | 77 | 3 | A0 | |
| ✓ | 78 | 1 | A | |
| ✓ | 79 | 4 | A0 | |
| ✓ | 80 | 2 | K2 | |
| ✓ | 81 | 1 | A0 | |

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1914phae.proj.2172c



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 55 | +15° | 3354 | 17 | 58.8 | +15 | 39 | 7.8 |
| 56 | +16° | 3358 | 17 | 58.9 | +16 | 23 | 8.7 |
| 57 | +16° | 3356 | 17 | 58.6 | +16 | 55 | 7.0 |
| 58 | +17° | 3427 | 17 | 58.7 | +17 | 6 | 8.2 |
| 59 | +16° | 3347 | 17 | 56.3 | +16 | 49 | 7.5 |
| 60 | +16° | 3340 | 17 | 55.2 | +16 | 45 | 8.0 |
| 61 | +17° | 3403 | 17 | 54.3 | +17 | 11 | 7.7 |
| 62 | +17° | 3401 | 17 | 54.1 | +17 | 7 | 7.5 |
| 63 | +16° | 3335 | 17 | 53.6 | +16 | 47 46 | 4.9 |
| 64 | +16° | 3333 | 17 | 53.0 | +16 | 39 | 8.6 |
| 65 | +15° | 3339 | 17 | 55.7 | +15 | 38 | 8.3 |
| 66 | +16° | 3345 | 17 | 56.1 | +16 | 8 | 8.3 |
| 67 | +16° | 3346 | 17 | 56.2 | +16 | 23 | 8.7 |
| 68 | +16° | 3349 | 17 | 56.5 | +16 | 3 | 8.0 |
| 69 | +16° | 3390 | 18 | 3.7 | +16 | 27 | 6.0 |
| 70 | +16° | 3393 | 18 | 4.2 | +16 | 2 | 7.8 |
| 71 | +16° | 3403 | 18 | 6.2 | +16 | 5 | 8.6 |
| 72 | +16° | 3405 | 18 | 6.8 | +16 | 14 | 6.5 |
| 73 | +16° | 3413 | 18 | 7.4 | +16 | 23 | 7.9 |
| 74 | +17° | 3500 | 18 | 8.9 | +17 | 41 | 8.5 |
| 75 | +16° | 3436 | 18 | 9.7 | +16 | 33 | 8.5 |
| 76 | +16° | 3426 | 18 | 8.6 | +16 | 13 | 8.3 |
| 77 | +15° | 3400 | 18 | 7.1 | +15 | 20 | 8.4 |
| 78 | +15° | 3398 | 18 | 7.0 | +15 | 21 7 | 9.0 9.3 |
| 79 | +13° | 3554 | 18 | 5.3 | +13 | 46 | 8.2 |
| 80 | +13° | 3564 | 18 | 6.9 | +13 | 36 | 7.7 |
| 81 | +13° | 3550 | 18 | 3.4 | +13 | 9 | 8.8 |

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1914phae.proj.21720



Wednesday, May 13, 1914
I37959

| No. | Int. | Class | Remark |
|---|---|---|---|
| ✓ 82 | 5 | A0 | |
| ✓ 83 | 2 | A2 | |
| ✓ 84 | 1 | A | |
| ✓ 85 | 5 | F0 | |
| ✓ 86 | 7 | A0 | |
| ✓ 87 | 3 | A0 | |
| ✓ 88 | 3 | K5 | |
| ✓ 89 | 2 | A0 | |
| ✓ 90 | 5 | F5 | |
| ✓ 91 | 7 | B8 | |
| ✓ 92 | 4 | A0 | |
| ✓ 93 | 9 | B9 | |
| ✓ 94 | 10 | B5 | |
| ✓ 95 | 3 | K2 | |
| ✓ 96 | 7 | A3 | |
| L 97 | 5 | B9 | 6 |
| ✓ 98 | 2 | K5 | |
| ✓ 99 | 7 | F2 | |
| ✓ 100 | 2 | A0 | |
| ✓ 101 | 10 | A0 | |
| ✓ 102 | 10+ | A2 | |
| ✓ 103 | 5 | F8 | |
| ✓ 104 | 10 | K0 | |
| ✓ 105 | 2 | 95 | |
| ✓ 106 | 2 | F8 | |
| ✓ 107 | 1 | K5 | |
| ✓ 108 | 2 | K2 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172c



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 82 | +12° | 3419 | 18 | 4.9 | +12 | 32 | 7.8 |
| | | ~~3422~~ | ~~18~~ | ~~5.9~~ | ~~+12~~ | ~~22~~ | ~~7.1~~ |
| 83 | +12° | 3415 | 18 | 4.0 | +12 | 40 | 8.5 |
| 84 | +12° | 3417 | 18 | 4.2 | +12 | 49 | 8.8 |
| 85 | +12° | 3422 | 18 | 5.9 | +12 | 22 | 7.1 |
| 86 | +11° | 3379 | 18 | 6.7 | +11 | 51 | 6.9 |
| 87 | +11° | 3377 | 18 | 6.2 | +11 | 25 | 7.7 |
| 88 | +10° | 3438 | 18 | 6.8 | +10 | 47 | 7.5 |
| 89 | +11° | 3391 | 18 | 8.8 | +11 | 48 | 8.5 |
| 90 | +12° | 3446 | 18 | 10.3 | +12 | 1 | 6.9 |
| 91 | +11° | 3415 | 18 | 11.1 | +11 | 50 | 7.1 |
| 92 | +12° | 3456 | 18 | 11.3 | +12 | 9 | 7.5 |
| 93 | +12° | 3461 | 18 | 11.7 | +12 | 56 | 6.7 |
| 94 | +13° | 3593 | 18 | 11.11 | +13 | 414 | 6.1 |
| 95 | +14° | 3482 | 18 | 12.1 | +14 | 20 | 7.8 |
| 96 | +15° | 3426 | 18 | 12.8 | +15 | 46 | 6.9 |
| 97 | +10° | 3452 | 18 | 9.6 | +10 | 47 | 8.0 |
| 98 | +11° | 3417 | 18 | 11.4 | +11 | 21 | 7.4 |
| 99 | +11° | 3315 | 17 | 54.8 | +11 | 18 | 7.5 |
| 100 | +11° | 3326 | 17 | 57.4 | +11 | 8 | 8.5 |
| 101 | +9° | 3567 | 18 | 0.9 | +9 | 50 | 7.1 |
| 102 | +8° (9°) | 3564 | 18 | 0.5 | +8 (9) | 33 | 3.3 |
| 103 | +8° | 3581 | 17 (18) | 59.9 | +8 | 52 | 7.8 |
| 104 | +8° | 3582 | ~~17~~ 18 | 0.2 (4) | +8 | 43 | 5.0 |
| 105 | +11° | 3268 | 18 | 4.6 | +11 | 30 | 8.2 |
| 106 | +11° | 3374 / ~~3377~~ | 18 / ~~18~~ | 5.7 / ~~6.2~~ | +11 / ~~+11~~ | 13 / ~~25~~ | 8.3 / ~~7.7~~ |
| 107 | +12° | 3436 | 18 | 8.9 | +12 | 59 | 8.2 |
| 108 | +13° | 3581 | 18 | 9.7 | +13 | 8 | 8.3 |

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1914phae.proj.21720



Wednesday May 13, 1914

E 37959

| | No. | Int. | Class | Remark |
|---|---|---|---|---|
| ✓ | 109 | 7 | A2 | |
| ✓ | 110 | 8 | F5 | |
| ✓ | 111 | 1 | A3 | |
| ✓ | 112 | 3 | A5 | |
| ✓ | 113 | 5 | A5 | |
| ✓ | 114 | 7 | A2 | |
| ✓ | 115 | 3 | A5 | |
| ✓ | 116 | 3 | A5 | |
| ✓ | 117 | 6 | A2 | |
| ✓ | 118 | 3 | A5 | |
| ✓ | 119 | 2 | F5 | |
| 10.05 ✓ | 120 | 1 | A0 | |
| | 121 | 2 | K5 | |
| | 122 | 7 | A0 | E |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172c



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 109 | +16° 3295 | 17 | 45.6 | +16 | 41 | 7.5 | ✓ |
| 110 | +16° 3300 | 17 | 46.1 | +16 | 56 | 6.7 | ✓ |
| 111 | +16° 3311 | 17 | 47.7 | +16 | 58 | 8.7 | ✓ |
| 112 | +18° 3493 | 17 | 47.6 | +18 | 36 | 8.5 | ✓ |
| 113 | +18° 3495 | 17 | 48.3 | +18 | 13 | 8.0 | ✓ |
| 114 | +18° 3500 | 17 | 50.1 | +18 | 22 | 6.8 | ✓ |
| 115 | +18° 3545 | 17 | 59.2 | +18 | 27 | 8.5 | ✓ |
| 116 | +18 3566 | 18 | 2.3 | +18 | 36 | 8.0 | ✓ |
| 117 | +18° 3582 | 18 | 4.4 | +18 | 28 | 7.2 | ✓ |
| 118 | +18° 3586 | 18 | 5.2 | +18 | 18 | 8.5 | ✓ |
| 119 | +17° 3481 | 18 | 6.2 | +17 | 60 | 7.5 | ✓ |
| 120 | +17° 3475 | 18 | 5.7 | +17 | 26 | 8.8 | ✓ |

Ident. on cards by Aug. Dec. 17, 1914

Ident. here Dec. 19 1914 DSW.

Identification compared by S.R.B. Dec. 23, 1914.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 121 | +14° | 3486 | 18 | 12.5 | +14 | 31 | 7.5 |
| 122 | +18 | 3623 | 18 | 11.8 | +18 | 5 | 6.x 83 on J37801 |

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1914phae.proj.21720



Thursday, May 14, 1914.

B 16 5 5 81 short

| P.E.N.* rec. | No. | Int. | Class |
|---|---|---|---|
| Time? | ✓ 1 | 5 | G0 |
| see No. 52 | ✓ 2 | 3 | K0 |
| | ✓ 3 | 1 | F5 |
| | ✓ 4 | 6 | K0 |
| | ✓ 5 | 4 | F5 |
| | ✓ 6 | 6 | F5 |
| | ✓ 7 | 3 | K0 |
| | ✓ 8 | 5 | A0 |
| | ✓ 9 | 6 | F5 |
| | ✓ 10 | 5 | A3 |
| | ✓ 11 | 4 | A3 |
| | ✓ 12 | 3 | F5 |
| | ✓ 13 | 3 | A5 |
| | ✓ 14 | 5 | G0 |
| | ✓ 15 | 3 | K2 |
| | ✓ 16 | 6 | ~~K~~G0 |
| | ✓ 17 | 4 | F8 |
| | ✓ 18 | 2 | K5 |
| | ✓ 19 | 2 | F5 |
| | ✓ 20 | 3 | F8 |
| | ✓ 21 | 7 | F8 |
| | ✓ 22 | 1 | G0 |
| | ✓ 23 | 3 | K0 |
| | ✓ 24 | 1 | F0 |
| | ✓ 25 | 3 | F5 |
| | ✓ 26 | 6 | F8 |
| | ✓ 27 | 2 | A3 |

*refiated.

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1914phae.proj.21720



| | | | | | | |
|---|---|---|---|---|---|---|
| 1 | +9° | 3456 | 17 | 37.1 | +9 | 28 | 8.7 ✓ |
| 2 | +9° | 3460 | 17 | 37.8 | +9 | 35 | 8.6 ✓ |
| 3 | +9° | 3457 | 17 | 37.6 | +9 | 1 | 9.3 ✓ |
| 4 | +8° | 3480 | 17 | 36.8 | +8 | 41 | 8.0 ✓ |
| 5 | +8° | 3482 | 17 | 37.6 | +8 | 38 | 9.0 ✓ |
| 6 | +8° | 3481 | 17 | 37.5 | +8 | 17 | 9.0 ✓ |
| 7 | +7° | 3451 | 17 | 37.0 | +7 | 54 | 8.7 ✓ |
| 8 | +7° | 3450 | 17 | 36.9 | +7 | 55 | 8.8 ✓ |
| 9 | +8° | 3476 | 17 | 36.0 | +8 | 8 | 8.8 ✓ |
| 10 | +8° | 3473 | 17 | 34.9 | +8 | 18 | 8.9 ✓ |
| 11 | +7° | 3445 | 17 | 35.7 | +7 | 16 | 9.1 ✓ |
| 12 | +6° | 3501 | 17 | 35.2 | +6 | 49 | 9.0 ✓ |
| 13 | +7° | 3452 | 17 | 37.1 | +7 | 22 | 9.1 ✓ |
| 14 | +7° | 3455 | 17 | 37.5 | +7 | 10 | 9.0 ✓ |
| 15 | +6° | 3519 | 17 | 38.2 | +6 | 58 | 8.7 ✓ |
| 16 | +6° | 3522 | 17 | 38.4 | +6 | 47 | 8.7 ✓ |
| 17 | +7° | 3460 | 17 | 38.7 | +7 | 33 | 8.9 ✓ |
| 18 | +8° | 3476 | 17 | 39.0 | +8 | 5 | 8.8 ✓ |
| 19 | +8° | 3478 | 17 | 39.5 | +8 | 19 | 9.1 ✓ |
| 20 | +8° | 3479 | 17 | 40.0 | +8 | 27 | 9.2 ✓ |
| 21 | +8° | 3477 | 17 | 39.0 | +8 | 58 | 8.2 ✓ |
| 22 | +9° | 3462 | 17 | 38.8 | +9 | 44 | 9.2 ✓ |
| 23 | +9° | 3463 | 17 | 38.9 | +9 | 45 | 8.9 ✓ |
| 24 | +10° | 3285 | 17 | 38.7 | +10 | 5 | 9.2 ✓ |
| 25 | +10° | 3294 | 17 | 40.0 | +10 | 9 | 8.9 ✓ |
| 26 | +10° | 3295 | 17 | 40.0 | +10 | 11 | 8.7 ✓ |
| 27 | +9° | 3472 | 17 | 41.4 | +9 | 27 | 9.5 ✓ |

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1914phae.proj.21720



Thursday, May 14, 1914.
B 16 8 5 - 81

| No. | Int. | Class | |
|---|---|---|---|
| ✓ 28 | 1 | G5 | |
| ✓ 29 | 3 | K0 | |
| ✓ 30 | 2 | F2 | |
| ✓ 31 | 2 | K0 | |
| ✓ 32 | 7 | a0 | |
| ✓ 33 | 6 | a0 | |
| ✓ 34 | 1 | K2 | |
| ✓ 35 | 1 | a2 | |
| ✓ 36 | 1 | K0 | |
| ✓ 37 | 3 | G0 | |
| ✓ 38 | 6 | a2 | |
| ✓ 39 | 2 | a5 | Nearly all superposed on 38 |
| ✓ 40 | 3 | a3 | |
| ✓ 41 | 4 | F8 | |
| ✓ 42 | H | a0 | |
| ✓ 43 | 1 | K0 | |
| ✓ 44 | 1 | a2 | |
| ✓ 45 | 3 | G5 | |
| ✓ 46 | 3 | K2 | |
| ✓ 47 | 2 | K2 | |
| ✓ 48 | 3 | F0 | |
| ✓ 49 | 7 | a0 | |
| ✓ 50 | 5 | Ma | |
| ✓ 51 | 1 | G5 | |
| to 45 ✓ 52 | 2 | a3 | |
| ✓ 53 | H | a3 | |
| ✓ 54 | 2 | a2 | |

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1914phae.proj.2172c



| | | | | | | |
|---|---|---|---|---|---|---|
| 28 | +9° | 3475 | 17 | 42.0 | +9 | 11 | 9.3 |
| 29 | +9° | 3476 | 17 | 42.3 | +9 | 14 | 9.2 |
| 30 | +8° | 3504 | 17 | 42.5 | +8 | 58 | 9.2 |
| 31 | +8° | 3499 | 17 | 41.8 | +8 | 30 | 8.7 |
| 32 | +8° | 3501 | 17 | 42.2 | +8 | 20 | 8.4 |
| 33 | +8° | 3497 | 17 | 41.3 | +8 | 6 | 8.6 |
| 34 | +8° | 3495 | 17 | 41.1 | +8 | 12 | 8.7 |
| 35 | +8° | 3491 | 17 | 40.3 | +8 | 13 | 9.3 |
| 36 | +8° | 3492 | 17 | 40.6 | +8 | 37 | 9.2 |
| 37 | +8° | 3506 | 17 | 43.2 | +8 | 16 | 9.2 |
| 38 | +7° | 3482 | 17 | 43.7 | +7 | 58 | 9.0 |
| 39 | +7° | 3483 | 17 | 43.7 | +7 | 58 | 9.3 |
| 40 | +8° | 3508 | 17 | 43.9 | +8 | 4 | 9.3 |
| 41 | +7° | 3485 | 17 | 44.2 | +7 | 46 | 8.8 |
| 42 | +7° | 3484 | 17 | 44.1 | +7 | 33 | 9.0 |
| 43 | +7° | 3480 | 17 | 43.4 | +7 | 27 | 8.8 |
| 44 | +7° | 3478 | 17 | 43.2 | +7 | 28 | 9.3 |
| 45 | +7° | 3467 | 17 | 41.3 | +7 | 15 | 9.0 |
| 46 | +6° | 3535 | 17 | 41.3 | +6 | 56 | 9.0 |
| 47 | +7° | 3470 | 17 | 41.5 | +7 | 49 | 8.9 |
| 48 | +6° | 3549 | 17 | 43.1 | +6 | 52 | 9.3 |
| 49 | +6° | 3553 | 17 | 43.9 | +6 | 49 | 8.6 |
| 50 | +6° | 3562 | 17 | 45.3 | +6 | 49 | 8.5 |
| 51 | +7° | 3498 | 17 | 45.4 | +7 | ~~+8~~ 9 | 9.2 |
| 52 | +7° | 3494 | 17 | 45.6 | +7 | 33 | 9.3 |
| 53 | +7° | 3500 | 17 | 46.8 | +7 | 20 | 8.8 |
| 54 | +7° | 3502 | 17 | 46.9 | +7 | 22 | 9.3 |

This star is nearer +7° 31 an error of 3' in Dec. What does 3 mean? Perh. Error of 3 perhaps 3" in dec. in Gu cat. According to chart plate B26 u26

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1914phae.proj.21720



Thursday, May 14, 1914.

B 1655 1655

| No. | Int. | Class |
|---|---|---|
| ✓ 55 | 6 | G0 |
| ✓ 56 | 2 | a3 |
| ✓ 57 | 1 | K5 |
| ✓ 58 | 5 | G0 |
| ✓ 59 | 7 | G0 |
| ✓ 60 | 2 | a2 |
| ✓ 61 | 3 | a3 |
| ✓ 62 | 3 | a2 |
| ✓ 63 | 2 | a2 |
| ✓ 64 | 3 | a2 |
| ✓ 65 | 6 | K2 |
| ✓ 66 | H | K0 |
| ✓ 67 | 5 | K5 |
| ✓ 68 | 3 | K0 |
| ✓ 69 | 2 | K0 |
| ✓ 70 | 2 | a2 |
| ✓ 71 | 2 | a3 |
| ✓ 72 | 3 | G5 |
| ✓ 73 | H | a0 |
| ✓ 74 | 2 | a2 |
| ✓ 75 | H | a0 |
| ✓ 76 | 2 | a0 |
| ✓ 77 | 1 | K0 |
| ✓ 78 | 2 | K0 |
| ✓ 79 | 5 | a5 |
| ✓ 80 | 2 | G0 |
| ✓ 81 | 5 | F5 |

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1914phae..proj..2172c



| | | | | | | |
|---|---|---|---|---|---|---|
| 55 | +7° | 3499 | 17 | 46.8 | +7 | 4 | 8.8 |
| 56 | +7° | 3501 | 17 | 46.9 | +7 | 2 | 9.2 |
| 57 | +6° | 3567 | 17 | 46.6 | +6 | 57 | 8.9 |
| 58 | +6° | 3563 | 17 | 46.0 | +6 | 51 | 8.7 |
| 59 | +6° | 3565 | 17 | 46.1 | +6 | 39 | 8.7 |
| 60 | +6° | 3568 | 17 | 46.6 | +6 | 18 | 9.0 |
| 61 | +6° | 3570 | 17 | 47.3 | +6 | 24 | 9.5 |
| 62 | +6° | 3569 | 17 | 47.1 | +6 | 2 | 8.9 |
| 63 | +6° | 3572 | 17 | 47.8 | +6 | 5 | 9.5 |
| 64 | +5° | 3543 | 17 | 48.4 | +5 | 58 | 9.5 |
| 65 | +5° | 3542 | 17 | 48.2 | +5 | 44 | 7.0 |
| 66 | +6° | 3577 | 17 | 49.9 | +6 | 12 | 8.8 |
| 67 | +6° | 3576 | 17 | 49.7 | +6 | 52 | 7.8 |
| 68 | +6° | 3575 | 17 | 49.2 | +6 | 48 | 8.8 |
| 69 | +6° | 3574 | 17 | 48.1 | +6 | 55 | 9.0 |
| 70 | +7° | 3505 | 17 | 48.2 | +7 | 9 | 9.5 |
| 71 | +6° | 3573 | 17 | 48.0 | +6 | 33 | 9.5 |
| 72 | +7° | 3509 | 17 | 49.2 | +7 | 59 | 9.0 |
| 73 | +8° | 3537 | 17 | 49.4 | +8 | 36 | 9.3 |
| 74 | +8° | 3538 | 17 | 49.5 | +8 | 54 | 9.5 |
| 75 | +9° | 3514 | 17 | 48.9 | +9 | 13 | 9.3 |
| 76 | +9° | 3513 | 17 | 48.9 | +9 | 22 | 9.4 |
| 77 | +9° | 3512 | 17 | 48.7 | +9 | 18 | 9.5 |
| 78 | +8° | 3531 | 17 | 47.3 | +8 | 45 | 9.0 |
| 79 | +9° | 3503 | 17 | 46.5 | +9 | 1 | 9.1 |
| 80 | +9° | 3499 | 17 | 45.9 | +9 | 5 | 9.2 |
| 81 | +8° | 3524 | 17 | 45.9 | +8 | 58 | 8.8 |

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1914phae.proj.21720



Thursday, May 14, 1914.

B 1685-81

| | No. | Int. | Class. |
|---|---|---|---|
| ✓ | 82 | 1 | K5 |
| ✓ | 83 | 2 | F5 |
| ✓ | 84 | 7 | A0 |
| ✓ | 85 | 2 | G5 |
| ✓ | 86 | 1 | A0 |
| ✓ | 87 | 2 | G0 |
| ✓ | 88 | 2 | F5 |
| ✓ | 89 | 5 | F0 |
| ✓ | 90 | 2 | K0 |
| ✓ | 91 | 2 | A0 |
| ✓ | 92 | 6 | K0 |
| ✓ | 93 | 9 | B9 |
| ✓ | 94 | 4 | G0 |
| ✓ | 95 | 7 | Ma |
| ✓ | 96 | 5 | A0 |
| ✓ | 97 | 1 | K2 |
| ✓ | 98 | 3 | K2 |
| ✓ | 99 | 5 | F8 |
| ✓ | 100 | 4 | A0 |
| ✓ | 101 | 3 | A0 |
| ✓ | 102 | 3 | G5 |
| 25.IV.9 52 | ✓ | 103 | 3 | A0 |
| 10.12 | ✓ | 104 | 9 | B9 |
| anc | ✓ | 105 | 1 | K2 |
| | ✓ | 106 | 1 | F8 |
| | ✓ | 107 | 1 | K2 |
| | ✓ | 108 | 2 | A0 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae..proj.2172C



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 82 | +8° | 3525 | 17 | 46.0 | +8 | 44 | 9.1 ✓ +8° 3527 sup. 9.2 |
| 83 | +8° | 3520 | 17 | 45.5 | +8 | 38 | 9.0 ✓ |
| 84 | +8° | 3518 | 17 | 45.1 | +8 | 23 | 8.4 ✓ |
| 85 | +8° | 3517 | 17 | 44.8 | +8 | 44 | 8.9 ✓ |
| 86 | +8° | 3514 | 17 | 44.6 | +8 | 31 | 9.5 ✓ |
| 87 | +8° | 3515 | 17 | 44.6 | +8 | 22 | 9.3 ✓ |
| 88 | +7° | 3486 | 17 | 44.6 | +7 | 36 | 9.0 ✓ |
| 89 | +7° | 3487 | 17 | 44.7 | +7 | 27 | 9.1 ✓ |
| 90 | +6° | 3502 | 17 | 35.2 | +6 | 27 | 8.9 ✓ |
| 91 | +6° | 3508 | 17 | 36.1 | +6 | 17 | 9.3 ✓ |
| 92 | +6° | 3524 | 17 | 39.4 | +6 | 18 | 7.9 ✓ |
| 93 | +6° | 3525 | 17 | 39.5 | +6 | 11 | 7.9 ✓ |
| 94 | +6° | 3527 | 17 | 39.8 | +6 | 34 | 8.6 ✓ |
| 95 | +6° | 3532 | 17 | 40.8 | +6 | 28 | 8.0 ✓ |
| 96 | +6° | 3533 | 17 | 41.1 | +6 | 20 | 9.0 ✓ |
| 97 | +6° | 3544 | 17 | 42.2 | +6 | 12 | 9.1 ✓ |
| 98 | +6° | 3547 | 17 | 42.8 | +6 | 16 | 9.1 ✓ |
| 99 | +5° | 3520 | 17 | 43.9 | +5 | 57 | 9.0 ✓ |
| 100 | +5° | 3523 | 17 | 44.2 | +5 | 37 | 9.2 ✓ |
| 101 | +5° | 3518 | 17 | 43.0 | +5 | 44 | 9.4 ✓ |
| 102 | +5° | 3513 | 17 | 42.4 | +5 | 52 | 9.0 ✓ |
| 103 | +5° | 3510 | 17 | 42.3 | +5 | 38 | 9.1 ✓ |
| 104 | +5° | 3504 | 17 | 41.6 | +5 | 45 | 8.2 ✓ |
| 105 | +6° | 3540 | 17 | 41.9 | +6 | 2 | 9.1 ✓ +6° 3541 sup. 9.4 |
| 106 | +6° | 3543 | 17 | 42.2 | +6 | 3 | 9.3 ✓ |
| 107 | +6° | 3552 | 17 | 43.8 | +6 | 10 | 9.0 ✓ |
| 108 | +6° | 3557 | 17 | 44.6 | +6° | 5 | 9.5 ✓ |

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1914phae.proj.21720



Thursday May 14, 1914

B 16 58 51

| No. | Int. | Class | Remark |
|---|---|---|---|
| ✓ 109 | 1 | A5 | |
| ✓ 110 | 3 | A3 | |
| ✓ 111 | 1 | K0 | |
| ✓ 112 | 2 | F8 | |
| ✓ 113 | 5 | A0 | |
| ✓ 114 | 3 | A2 | |
| ✓ 115 | 4 | G0 | Austin star super. as north. |
| ✓ 116 | 6 | A0 | |
| ✓ 117 | 4 | F0 | |
| ✓ 118 | 1 | G5 | |
| ✓ 119 | 2 | F8 | |
| ✓ 120 | 1 | K0 | |
| ✓ 121 | 6 | K0 | |
| ✓ 122 | 4 | G0 | |
| ✓ 123 | 5 | F2 | |
| ✓ 124 | 3 | A0 | |
| ✓ 125 | 2 | A0 | |
| ✓ 126 | 2 | K0 | |
| ✓ 127 | 2 | K0 | |
| ✓ 128 | 1 | G5 | |
| ✓ 129 | 2 | K0 | |
| ✓ 130 | 1 | K0 | |
| ✓ 131 | 2 | Ma | |
| ✓ 132 | 2 | G5 | |
| ✓ 133 | 4 | A0 | |
| ✓ 134 | 2 | A0 | |
| ✓ 135 | 4 | A2 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172C



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 109 | +6° | 3559 | 17 | 44.8 | +6 | 6 | 9.5 | ✓ |
| 110 | +5° | 3525 | 17 | 44.8 | +5 | 58 | 9.5 | ✓ |
| 111 | +6° | 3558 | 17 | 44.7 | +6 | 1 | 9.5 | ✓ |
| 112 | +5° | 3530 | 17 | 46.2 | +5 | 26 | 9.0 | ✓ |
| 113 | +5° | 3534 | 17 | 46.6 | +5 | 25 | 9.0 | ✓ |
| 114 | +5° | 3535 | 17 | 47.1 | +5 | 44 | 9.0 | ✓ |
| 115 | +5° | 3532 | 17 | 46.5 | +5 | 15 | 8.6 | ✓ +5° 3531 sup. 9.2 |
| 116 | +5° | 3537 | 17 | 47.4 | +5 | 15 | 9.0 | ✓ |
| 117 | +5° | 3541 | 17 | 48.2 | +5 | 2 | 9.0 | ✓ |
| 118 | +8° | 3507 | 17 | 43.6 | +8 | 59 | 9.2 | ✓ |
| 119 | +9° | 3480 | 17 | 42.5 | +9 | 42 | 9.3 | ✓ |
| 120 | +9° | 3477 | 17 | 42.3 | +9 | 36 | 9.2 | ✓ |
| 121 | +10° | 3305 | 17 | 42.6 | +10 | 23 | 8.6 | ✓ |
| 122 | +10° | 3309 | 17 | 44.4 | +10 | 39 | 9.0 | ✓ |
| 123 | +10° | 3311 | 17 | 45.6 | +10 | 4 | 9.1 | ✓ |
| 124 | +9° | 3494 | 17 | 45.2 | +9 | 42 | 9.2 | ✓ |
| 125 | Approx. | 1855 | 17 | 45.1 | +9 | 32 | | ✓ |
| 126 | +9° | 3498 | 17 | 45.6 | +9 | 35 | 9.0 | ✓ |
| 127 | +9° | 3501 | 17 | 46.0 | +9 | 52 | 9.2 | ✓ |
| 128 | Approx. | 1855 | 17 | 46.5 | +9 | 45 | | ✓ |
| 129 | +9° | 3508 | 17 | 48.1 | ~~+9~~ +10 | 0 | 9.2 | ✓ |
| 130 | +10° | 3324 | 17 | 48.1 | +10 | 10 | 9.1 | ✓ |
| 131 | +10° | 3329 | 17 | 48.8 | +10 | 42 | 8.6 | ✓ |
| 132 | +10° | 3334 | 17 | 50.2 | +10 | 45 | 9.1 | ✓ |
| 133 | +10° | 3342 | 17 | 51.8 | +10 | 55 | 8.8 | ✓ |
| 134 | +11° | 3306 | 17 | 52.2 | +11 | 3 | 9.2 | ✓ |
| 135 | +11° | 3309 | 17 | 53.2 | +11 | 3 | 8.8 | ✓ |

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1914phae.proj.21720



Thursday May 14, 1914

B 16 $\frac{85}{55}$ 1 shot

| No. | Dist. | Class | Remark |
|---|---|---|---|
| ✓ 136 | 2 | A0 | |
| ✓ 137 | 4 | K0 | |
| ✓ 138 | 3 | F0 | |
| ✓ 139 | 2 | F8 | |
| ✓ 140 | 1 | K5 | |
| ✓ 141 | 1 | G5 | |
| ✓ 142 | 3 | G0 | |
| ✓ 143 | 2 | K5 | |
| ✓ 144 | 8 | K0 | |
| ✓ 145 | 3 | K0 | |
| ✓ 146 | 2 | A2 | |
| ✓ 147 | 9 | G5 | |
| ✓ 148 | 2 | K0 | |
| ✓ 149 | 3 | A0 | |
| ✓ 150 | 2 | K0 | |
| ✓ 151 | 3 | G0 | |
| ✓ 152 | 4 | A0 | |
| ✓ 153 | 3 | A5 | |
| ✓ 154 | 2 | G5 | |
| ✓ 155 | 1 | G5 | |
| ✓ 156 | 1 | K5 | |
| ✓ 157 | 3 | G5 | |
| ✓ 158 | 8 | F2 | |
| ✓ 159 | 5 | A0 | |
| ✓ 160 | 10 | A0 | |
| ✓ 161 | 2 | G5 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172c



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 136 | +10° | 3350 | 17 | 53.1 | +10 | 57 | 9.3 ✓ |
| 137 | +10° | 3351 | 17 | 53.4 | +10 | 31 | 8.7 ✓ |
| 138 | +10° | 3347 | 17 | 52.8 | +10 | 16 | 8.9 ✓ |
| 139 | +10° | 3343 | 17 | 52.2 | +10 | 25 | 9.1 ✓ |
| 140 | +9° | 3524 | 17 | 51.0 | +9 | 30 | 9.0 ✓ |
| 141 | +9° | 3522 | 17 | 50.8 | +9 | 25 | 9.5 ✓ |
| 142 | +9° | 3526 | 17 | 51.9 | +9 | 18 | 9.0 ✓ |
| 143 | +9° | 3531 | 17 | 53.1 | +9 | 42 | 8.7 ✓ |
| 144 | +9° | 3534 | 17 | 53.9 | +9 | 34 | 7.0 ✓ |
| 145 | +9° | 3535 | 17 | 54.1 | +9 | 30 | 9.1 ✓ |
| 146 | +9° | 3532 | 17 | 53.3 | +9 | 5 | 9.2 ✓ |
| 147 | +8° | 3555 | 17 | 53.3 | +8 | 52 | 7.0 ✓ |
| 148 | +8° | 3556 | 17 | 53.4 | +8 | 52 | 9.0 ✓ |
| 149 | +8° | 3557 | 17 | 53.5 | +8 | 46 | 9.2 ✓ |
| 150 | +8° | 3549 | 17 | 52.1 | +8 | 45 | 9.0 ✓ |
| 151 | +8° | 3553 | 17 | 52.5 | +8 | 15 | 9.0 ✓ |
| 152 | +7° | 3521 | 17 | 52.4 | +7 | 44 | 9.0 ✓ |
| 153 | +7° | 3525 | 17 | 53.5 | +7 | 59 | 9.1 ✓ |
| 154 | +7° | 3526 | 17 | 53.8 | +7 | 26 | 9.2 ✓ |
| 155 | +7° | 3527 | 17 | 54.1 | +7 | 39 | 9.0 ✓ |
| 156 | +6° | 3581 | 17 | 50.8 | +6 | 38 | 9.2 ✓ |
| 157 | +6° | 3583 | 17 | 51.2 | +6 | 27 | 9.3 ✓ |
| 158 | +6° | 3589 | 17 | 52.4 | +6 | 26 | 7.2 ✓ |
| 159 | +6° | 3590 | 17 | 52.5 | +6 | 29 | 8.5 ✓ |
| 160 | +6° | 3593 | 17 | 53.1 | +6 | 34 | 7.5 ✓ |
| 161 | +6° | 3599 | 17 | 54.4 | +6 | 54 | 8.9 ✓ |

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1914phae.proj.21720



Thursday May 14, 1914

B 16 8 5 81 plus

| | No. | Dist. | Class | Remark |
|---|---|---|---|---|
| ✓ | 162 | 6 | F8 | |
| ✓ | 163 | 2 | K0 | |
| ✓ | 164 | 2 | A3 | |
| ✓ | 165 | 7 | A3 | |
| ✓ | 166 | 3 | F8 | |
| ✓ | 167 | 5 | K0 | |
| ✓ | 168 | 9 | A0 | |
| ✓ | 169 | 2 | K0 | |
| ✓ | 170 | 2 | F8 | Ausläufer eines Sterns? |
| ✓ | 171 | 7 | A2 | |
| ✓ | 172 | 2 | K2 | |
| ✓ | 173 | 1 | K2 | |
| ✓ | 174 | 5 | K2 | |
| ✓ | 175 | 5 | A2 | |
| ✓ | 176 | 2 | A0 | |
| ✓ | 177 | 1 | F8 | |
| ✓ | 178 | 2 | A0 | |
| ✓ | 179 | 1 | K0 | |
| ✓ | 180 | 1 | A0 | |
| ✓ | 181 | 1 | K0 | |
| ✓ | 182 | 1 | K0 | |
| ✓ | 183 | 1 | K5 | |
| ✓ | 184 | 1 | K2 | |
| ✓ | 185 | 1 | K5 | |
| ✓ | 186 | 1 | K5 | |
| ✓ | 187 | 4 | F8 | |
| ✓ | 188 | 1 | A | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 162 | +7° | 3532 | 17 | 55.4 | +7 | 3 | 8.5 ✓ |
| 163 | +7° | 3533 | 17 | 55.4 | +7 | 19 | 8.8 ✓ |
| 164 | Approx. | 1855 | 17 | 55.5 | +7 | 27 ~~28~~ | ✓ |
| 165 | +8° | 3564 | 17 | 55.5 | +8 | 11 | 8.7 ✓ |
| 166 | +8° | 3566 | 17 | 56.1 | +8 | 4 | 9.2 ✓ |
| 167 | +7° | 3537 | 17 | 56.2 | +7 | 55 | 8.3 ✓ +7° 3536 sup. 8.8 |
| 168 | +8° | 3567 | 17 | 56.4 | +8 | 25 | 7.0 ✓ |
| 169 | +9° | 3537 | 17 | 55.0 | +9 | 10 | 8.7 ✓ |
| 170 | +9° | 3539 | 17 | 55.4 | +9 | 7 | 9.3 ✓ |
| 171 | +10° | 3364 | 17 | 55.4 | +10 | 2 | 8.1 ✓ |
| 172 | +9° | 3541 | 17 | 56.0 | +9 | 45 | 8.9 ✓ |
| 173 | +9° | 3543 | 17 | 56.4 | +9 | 49 | 9.3 ✓ |
| 174 | +10° | 3373 | 17 | 56.6 | +10 | 18 | 8.1 ✓ |
| 175 | +10° | 3355 | 17 | 54.0 | +10 | 29 | 8.5 ✓ |
| 176 | +8° | 3521 | 17 | 45.5 | +8 | 9 | 9.0 ✓ |
| 177 | +7° | 3508 | 17 | 49.2 | +7 | 32 | 9.3 ✓ |
| 178 | Approx. | 1855 | 17 | 50.6 | +8 | 7 | ✓ |
| 179 | +8° | 3546 | 17 | 50.9 | +8 | 8 | 9.5 ✓ |
| 180 | Approx. | 1855 | 17 | 51.4 ~~31~~ | +8 | 11 ~~12~~ | ✓ |
| 181 | +7° | 3516 | 17 | 51.4 | +7 | 31 | 9.3 ✓ |
| 182 | +6° | 3582 | 17 | 51.0 | +6 | 52 | 9.3 ✓ |
| 183 | +6° | 3586 | 17 | 51.6 | +6 | 49 | 9.5 ✓ |
| 184 | +6° | 3594 | 17 | 53.1 | +6 | 58 | 9.2 ✓ |
| 185 | +6° | 3579 | 17 | 50.0 | +6 | 5 | 9.1 ✓ |
| 186 | Approx. | 1855 | 17 | 51.2 | +5 | ~~49~~ 50 | ✓ |
| 187 | +5° | 3553 | 17 | 51.1 | +5 | 58 | 9.0 ✓ |
| 188 | +5° | 3561 | 17 | 52.1 | +5 | 34 | 9.5 ✓ |

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1914phae.proj.21720



Thursday May 14, 1914

B 16 8 5 Richest

| | No. | Dur. | Class | Remark |
|---|---|---|---|---|
| ✓ | 189 | 4 | ~~F0~~ | |
| ✓ | 190 | 7 | ~~F5~~ | |
| ✓ | 191 | 4 | ~~F5~~ | |
| ✓ | 192 | 5 | B9 | |
| ✓ | 193 | 1 | K2 | |
| ✓ | 194 | 5 | K2 | |
| ✓ | 195 | 10 | B8 | |
| ✓ | 196 | 4 | K2 | |
| ✓ | 197 | 1 | K2 | |
| ✓ | 198 | 2 | ~~G0~~ | |
| ✓ | 199 | 5 | A0 | |
| 10.30 | ✓ | 200 | 8 | A2 |
| | | ~~201~~ | | |
| | | 201 | 3 | A5 |

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1914phae.proj.21720



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 189 | +5° | 3552 | 17 | 51.0 | +5 | 11 | 9.0 | ✓ |
| 190 | +5° | 3547 | 17 | 49.7 | +5 | 1 | 8.0 | ✓ |
| 191 | +4° | 3558 | 17 | 50.2 | +4 | 54 | 8.7 | ✓ |
| 192 | +4° | 3557 | 17 | 49.6 | +4 | 51 | 8.5 | ✓ |
| 193 | +4° | 3542 (5) | 17 | 49.1 | +4 | 55 | 8.7 | ✓ |
| 194 | +4° | 3543 (5) | 17 | 49.1 | +4 | 52 | 8.1 | ✓ |
| 195 | +5° | 3544 | 17 | 48.9 | +5 | 12 | 8.0 | ✓ |
| 196 | +5° | 3562 | 17 | 52.6 | +5 | 44 | 8.6 | ✓ |
| 197 | +5° | 3563 | 17 | 52.8 | +5 | 47 | 9.3 | ✓ |
| 198 | +5° | 3564 | 17 | 52.9 | +5 | 58 | 9.3 | ✓ |
| 199 | +5° | 3568 | 17 | 53.1 | +5 | 33 | 8.8 | ✓ +5° 3567 sup. 9.3 |
| 200 | +4° | 3564 | 17 | 52.0 | +4 | 58 | 8.8 | ✓ |

Ident. on cards by Anne. Dec. 24, 1914
Ident. in book by J.C.M. Jan. 4, 1915
Identification compared by G.R.B. Jan. 11, 1915

201 +4° 3573 8 2m B14148

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1914phae.proj.21720



Friday May 15, 1914

λ 38464 long.

| | No. | Dist. | Class | Remark |
|---|---|---|---|---|
| 1.26 | ✓ 1 | 4 | K2 | E |
| | ✓ 2 | 2 | K2 | E |
| | ✓ 3 | 7 | A0 | |
| | 3a | 6 | A0 | |
| | ✓ 4 | 10+ | A0 | |
| | ✓ 5 | 7 | A0 | |
| | ✓ 6 | 4 | A5 | |
| | ✓ 7 | 3 | F0 | |
| | ✓ 8 | 3 | K5 | |
| | ✓ 9 | 1 | A0 | Partly superp. on 10 |
| | ✓ 10 | 1 | K5 | |
| | ✓ 11 | 4 | B8 | |
| | ✓ 12 | 4 | K2 | |
| | ✓ 13 | 3 | A0 | |
| | ✓ 14 | 5 | A2 | |
| | ✓ 15 | 6 | K0 | |
| | ✓ 16 | 2 | A2 | |
| | ✓ 17 | 6 | A0 | |
| | ✓ 18 | 4 | K2 | |
| | ✓ 19 | 6 | K5 | |
| | ✓ 20 | 6 | A3 | |
| | ✓ 21 | 8 | B3 | |
| | ✓ 22 | 8 | A2 | |
| | ✓ 23 | 6 | A2 | line 4077 strong |
| | ✓ 24 | 10+ | A0 | |
| | ✓ 25 | 7 | B3 | |
| | ✓ 26 | 10 | K0 | |
| | ✓ 27 | 2 | K2 | |

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1914phae..proj..21720



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | +3 | 3465 | 17 | 321 | +3 | 39.0 | 6.5 ✓ |
| 2 | +3 | 3466 | 17 | 323 | +3 | 29.2 | 7.2 ✓ |
| 3 3a | +2 | 3390 3391 | 17 | 373 | +2 | 39.9 | 6.5 ✓ |
| 4 | +2 | 3403 | 17 | 406 | +2 | 45.2 | 3.5 ✓ |
| 5 | +3 | 3493 | 17 | 411 | +3 | 51.9 | 6.9 ✓ |
| 6 | +4 | 3517 | 17 | 424 | +4 | 25.2 | 7.7 ✓ |
| 7 | +5 | 3505 | 17 | 418 | +5 | 1.3 | 7.9 ✓ |
| 8 | +5 | 3521 | 17 | 440 | +6 | 16.6 | 6.8 ✓ |
| 9 | +4 | 3540 | 17 | 448 | +4 | 30.7 | 9.0 ✓ |
| 10 | +4 | 3541 | 17 | 448 | +4 | 31.5 | 7.0 ✓ |
| 11 | +4 | 3543 | 17 | 464 | +4 | 58.7 | 8.0 ✓ |
| 12 | +3 | 3528 | 17 | 473 | +3 | 46.0 | 7.5 ✓ |
| 13 | +2 | 3415 | 17 | 446 | +2 | 55.7 | 8.0 ✓ +3°3510 Mag 9.4 Super. |
| 14 | +3 | 3512 | 17 | 452 | +3 | 2.6 | 7.9 ✓ |
| 15 | +2 | 3406 | 17 | 420 | +2 | 1.0 | 6.8 ✓ |
| 16 | +1 | 3523 | 17 | 431 | +1 | 37.9 | 8.4 ✓ +0°3522 Mag. 9.0 Super. |
| 17 | +1 | 3525 | 17 | 447 | +1 | 8.9 | 7.5 ✓ |
| 18 | +1 | 3526 | 17 | 447 | +1 | 8.9 | 6.8 ✓ |
| 19 | +1 | 3528 | 17 | 453 | +1 | 21.2 | 6.0 ✓ |
| 20 | +2 | 3427 | 17 | 483 | +2 | 7.4 | 7.1 ✓ |
| 21 | +0 | 3813 | 17 | 489 | +0 | 42.7 | 5.8 ✓ +0°3812 Mag. 9.2 Super. |
| 22 | +0 | 3816 | 17 | 496 | +0 | 5.5 | 6.2 ✓ |
| 23 | +0 | 3832 | 17 | 529 | +0 | 37.6 | 7.1 ✓ |
| 24 | +1 | 3560 | 17 | 544 | +1 | 18.7 | 4.5 ✓ |
| 25 | +1 | 3578 | 17 | 573 | +1 | 55.5 | 6.5 ✓ +1 3577 Mag. 9.4 Super. |
| 26 | +2 | 3482 | 17 | 581 | +2 | 32.7 | 4.0 ✓ |
| 27 | +2 | 3493 | 18 | 0.1 | +2 | 28.2 | 7.1 ✓ |

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1914phae.proj.21726



Friday May 15, 1914

l 38464 long

| | No. | Dur. | class | Remark |
|---|---|---|---|---|
| ✓ | 28 | 5 | $a_2$ | |
| ✓ | 29 | 4 | $f_2$ | |
| ✓ | 30 | 4 | $a_2$ | |
| ✓ | 31 | 8 | $f_5$ | |
| ✓ | 32 | 7 | $K_0$ | |
| ✓ | 33 | 9 | $f_5$ | |
| ✓ | 34 | 7 | $a_0$ | E |
| ✓ | 35 | 6 | $a_2$ | E. |
| ✓ | 36 | 3 | $f_0$ | |
| ✓ | 37 | 3 | $a_0$ | |
| ✓ | 38 | 7 | $a_0$ | |
| ✓ | 39 | 3 | $a_2$ | |
| ✓ | 40 | 2 | $K_5$ | |
| ✓ | 41 | 10+ | $B_3$ | |
| ✓ | 42 | 10+ | $B_3$ | |
| ✓ | 43 | 4 | $g_2$ | |
| ✓ | 44 | 6 | $B_3$ | |
| ✓ | 45 | 5 | $g_5$ | |
| ✓ | 46 | 6 | $a_0$ | |
| ✓ | 47 | 4 | $K_0$ | |
| ✓ | 48 | 3 | $a_2$ | |
| 1.34 | ✓ | 49 | 10+ | $K_0$ |
| | | 50 | | |
| | | 51 | | |
| | | 52 | | |
| | | 53 | | |
| | | 54 | | |

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1914phae..proj.21720



| | | | | | | |
|---|---|---|---|---|---|---|
| 28 | +2 | 3498 | 18 | 08 | +2 | 12.1 | 6.8 ✓ | |
| 29 | +1 | 3604 | 18 | 16 | +1 | 58.5 | 7.0 ✓ | |
| 30 | +2 | 3504 | 18 | 16 | +2 | 13.3 | 7.8 ✓ | |
| 31 | +3 | 3613 | 18 | 27 | +3 | 6.9 | 6.5 ✓ | +3° 3612 Mag 8.0 Partly Super. |
| 32 | +3 | 3620 | 18 | 34 | +3 | 17.7 | 6.0 ✓ | |
| 33 | +3 | 3610 | 18 | 24 | +3 | 58.0 | 6.2 ✓ | |
| 34 | +2 | 3528 | 18 | 54 | +2 | 47.4 | 6.8 ✓ | |
| 35 | +2 | 3532 | 18 | 58 | +2 | 56.6 | 7.1 ✓ | |
| 36 | +1 | 3576 | 17 | 57.2 | +1 | 14.0 | 7.7 ✓ | |
| 37 | +1 | 3589 | 17 | 589 | +1 | 34.5 | 8.0 ✓ | |
| 38 | +2 | 3436 | 17 | 50.6 | +2 | 17.0 | 7.0 ✓ | +2° 3437 Mag 9.3 Super |
| 39 | +2 | 3435 | 17 | 505 | +2 | 55.0 | 8.1 ✓ | |
| 40 | +2 | 3438 | 17 | 50.8 | +2 | 45.8 | 7.3 ✓ | |
| 41 | +2 | 3458 | 17 | 534 | +2 | 55.4 | 4.0 ✓ | +2° 3459 Mag 8.5 Super |
| 42 | +4 | 3570 | 17 | 53.1 | +4 | 22.1 | 5.3 ✓ | |
| 43 | +4 | 3589 | 17 | 58.5 | +4 | 39.5 | 7.2 ✓ | +4° 3590 Mag 9.4 Super. |
| 44 | +6 | 3597 | 17 | 538 | +6 | 16.5 | 7.0 ✓ | |
| 45 | −0 | 3414 | 17 | 58.7 | −0 | 27.0 | 6.5 ✓ | |
| 46 | −1 | 3416 | 17 | 466 | −1 | 34.1 | 7.1 ✓ | |
| 47 | −1 | 3412 | 17 | 445 | −1 | 11.0 | 6.5 ✓ | |
| 48 | −1 | 3413 | 17 | 449 | −1 | 22.3 | 7.8 ✓ | |
| 49 | +4 | 3489 | 17 | 36.3 | +4 | 37.7 | 3.0 ✓ | |

Identn. on cards by Anc. Feb. 5, 1915

Identn. in Book by D. H. G. Feb. 4, 1915

Identification compared by G. R. B. Feb 6, 1915

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1914phae.proj.21720



Friday May 15, 1914

B 14148 phot

| | No. | Qut. | class | Remark. |
|---|---|---|---|---|
| 1.40 | ✓ 1 | 3 | F8 | |
| | ✓ 2 | 4 | B5 | |
| | ✓ 3 | 6 | F2 | |
| | ✓ 4 | 4 | A0 | |
| | ✓ 5 | 1 | F0 | |
| | ✓ 6 | 8 | B8 | |
| | ✓ 7 | 5 | A2 | |
| | ✓ 8 | 7 | K0 | |
| | ✓ 9 | 2 | K0 | |
| | ✓ 10 | 3 | K5 | |
| | ✓ 11 | 2 | A0 | |
| | ✓ 12 | 2 | K0 | |
| | ✓ 13 | 3 | A5 | |
| | ✓ 14 | 1 | K0 | |
| | ✓ 15 | 1 | K2 | |
| | ✓ 16 | 3 | F0 | |
| | ✓ 17 | 3 | F5 | |
| | ✓ 18 | 1 | K0 | |
| | ✓ 19 | 6 | B8 | |
| | ✓ 20 | 4 | K0 | |
| | ✓ 21 | 5 | K2 | |
| | ✓ 22 | 3 | A0 | |
| | ✓ 23 | 4 | A0 | |
| | ✓ 24 | 1 | A0 | |
| | ✓ 25 | 6 | A0 | |
| | ✓ 26 | 3 | A2 | |
| | ✓ 27 | 7 | F0 | |

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1914phae..proj.21720



| | | | | | | |
|---|---|---|---|---|---|---|
| 1 | +4° | 3466 | 17 | 31.2 | +4 | 17 | 8.7 | ✓ |
| 2 | +4° | 3467 | 17 | 31.5 | +4 | 26 | 8.6 | ✓ |
| 3 | +4° | 3469 | 17 | 31.9 | +4 | 33 | 8.1 | ✓ |
| 4 | +4° | 3468 | 17 | 31.9 | +4 | 22 | 9.2 | ✓ |
| 5 | +4° | 3471 | 17 | 32.1 | +4 | 18 | 9.2 | ✓ |
| 6 | +4° | 3476 | 17 | 33.6 | +4 | 13 | 7.8 | ✓ |
| 7 | +4° | 3481 | 17 | 34.5 | +4 | 16 | 8.2 | ✓ |
| 8 | +4° | 3482 | 17 | 34.7 | +4 | 26 | 7.5 | ✓ |
| 9 | +4° | 3483 | 17 | 35.0 | +4 | 29 | 8.8 | ✓ |
| 10 | +4° | 3493 | 17 | 36.8 | +4 | 25 | 8.1 | ✓ |
| 11 | +4° | 3472 | 17 | 32.4 | +4 | 49 | 9.3 | ✓ |
| 12 | +5° | 3447 | 17 | 33.6 | +5 | 6 | 8.5 | ✓ |
| 13 | +4° | 3477 | 17 | 33.7 | +4 | 55 | 9.0 | ✓ |
| 14 | +5° | 3454 | 17 | 35.1 | +5 | 0 | 9.2 | ✓ |
| 15 | +4° | 3485 | 17 | 35.6 | +4 | 53 | 8.9 | ✓ |
| 16 | +5° | 3457 | 17 | 35.6 | +5 | 24 | 9.0 | ✓ |
| 17 | +6° | 3503 | 17 | 35.3 | +6 | 2 | 9.0 | ✓ |
| 18 | +5° | 3452 | 17 | 34.5 | +5 | 35 | 9.2 | ✓ |
| 19 | +5° | 3465 | 17 | 36.7 | +5 | 30 | 8.6 | ✓ |
| 20 | +5° | 3468 | 17 | 36.8 | +5 | 32 | 8.1 | ✓ |
| 21 | +5° | 3469 | 17 | 37.1 | +5 | 19 | 8.1 | ✓ |
| 22 | +5° | 3473 | 17 | 37.9 | +5 | 35 | 9.0 | ✓ |
| 23 | +5° | 3476 | 17 | 38.2 | +5 | 44 | 9.0 | ✓ |
| 24 | +5° | 3477 | 17 | 38.3 | +5 | 38 | 9.5 | ✓ |
| 25 | +5° | 3479 | 17 | 38.5 | +5 | 30 | 8.8 | ✓ |
| 26 | +5° | 3480 | 17 | 38.5 | +5 | 16 | 9.3 | ✓ |
| 27 | +5° | 3488 | 17 | 39.3 | +5 | 28 | 8.2 | ✓ |

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1914phae.proj.21720



Friday May 15, 1914

B 14148 short

| No. | Qu. | Class | Remark |
|---|---|---|---|
| ✓ 28 | 5 | A0 | |
| ✓ 29 | 7 | B9 | |
| ✓ 30 | 6 | A0 | |
| ✓ 31 | 2 | A0 | |
| ✓ 32 | 2 | K5 | |
| ✓ 33 | 3 | K2 | |
| ✓ 34 | 2 | K2 | |
| ✓ 35 | 1 | A2 | |
| ✓ 36 | 4 | K0 | |
| ✓ 37 | 8 | F0 | |
| ✓ 38 | 2 | F5 | |
| ✓ 39 | 4 | G5 | |
| ✓ 40 | 1 | G5 | |
| ✓ 41 | 1 | K5 | |
| ✓ 42 | 3 | A0 | |
| ✓ 43 | 2 | G5 | |
| ✓ 44 | 3 | A0 | |
| ✓ 45 | 4 | K0 | |
| ✓ 46 | 6 | F2 | |
| ✓ 47 | 4 | A0 | |
| ✓ 48 | 1 | F | |
| ✓ 49 | 3 | A0 | |
| ✓ 50 | 3 | K5 | |
| ✓ 51 | 7 | A2 | |
| ✓ 52 | 3 | F5 | |
| ✓ 53 | 2 | G5 | |
| ✓ 54 | 1 | K5 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae..proj..21720



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 28 | +5° | 3487 | 17 | 39.3 | +5 | 46 | 8.7 | ✓ |
| 29 | +5° | 3491 | 17 | 39.7 | +5 | 37 | 8.3 | ✓ |
| 30 | +5° | 3493 | 17 | 39.9 | +5 | 30 | 8.9 | ✓ |
| 31 | +5° | 3497 | 17 | 40.2 | +5 | 49 | 9.2 | ✓ |
| 32 | +5° | 3498 | 17 | 40.4 | +5 | 39 | 8.5 | ✓ |
| 33 | +5° | 3500 | 17 | 40.7 | +5 | 25 | 8.7 | ✓ |
| 34 | +5° | ~~3454~~ 3503 | 17 | ~~35.1~~ 41.3 | +5 | ~~28~~ 2 | ~~9.2~~ 0 | ✓ |
| 35 | +5° | 3499 | 17 | 40.5 | +5 | 10 | 9.3 | ✓ |
| 36 | +4° | 3509 | 17 | 40.6 | +5 | 0 | 8.7 | ✓ |
| 37 | +4° | 3506 | 17 | 40.0 | +4 | 29 | 8.1 | ✓ |
| 38 | +4° | 3502 | 17 | 38.9 | +4 | 44 | 8.9 | ✓ |
| 39 | +4° | 3498 | 17 | 38.3 | +4 | 30 | 8.8 | ✓ |
| 40 | +4° | 3495 | 17 | 37.3 | +4 | 34 | 9.2 | ✓ |
| 41 | +4° | 3496 | 17 | 37.6 | +4 | 15 | 9.1 | ✓ |
| 42 | +3° | 3480 | 17 | 36.3 | +3 | 43 | 9.5 | ✓ |
| 43 | +3° | 3482 | 17 | 37.1 | +3 | 49 | 9.1 | ✓ |
| 44 | +3° | 3485 | 17 | 38.3 | +3 | 33 | 9.0 | ✓ |
| 45 | +3° | 3483 | 17 | 37.2 | +3 | 2 | 8.6 | ✓ |
| 46 | +2° | 3392 | 17 | 37.4 | +2 | 31 | 7.8 | ✓ |
| 47 | +2° | 3398 | 17 | 39.5 | +2 | 49 | 8.5 | ✓ |
| 48 | +3° | 3495 | 17 | 41.8 | +3 | 9 | 9.1 | ✓ |
| 49 | +3° | 3500 | 17 | 42.5 | +3 | 5 | 9.0 | ✓ |
| 50 | +3° | 3501 | 17 | 42.6 | +3 | 1 | 8.2 | ✓ |
| 51 | +3° | 3505 | 17 | 43.1 | +3 | 56 | 8.6 | ✓ |
| 52 | +4° | 3522 | 17 | 43.2 | +4 | 7 | 9.0 | ✓ |
| 53 | +4° | 3527 | 17 | 43.4 | +4 | 6 | 8.7 | ✓ |
| 54 | +4° | 3530 | 17 | 43.5 | +4 | 28 | 9.0 | ✓ |

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1914phae.proj.21720



Friday May 15, 1914

B 14148 short

| No. | Dur. | class | Remark |
|---|---|---|---|
| ✓ 55 | 2 | A0 | |
| ✓ 56 | 1 | K2 | |
| ✓ 57 | 6 | B9 | |
| ✓ 58 | 7 | A0 | |
| ✓ 59 | 2 | K0 | |
| ✓ 60 | 6 | A3 | |
| ✓ 61 | 6 | A2 | |
| ✓ 62 | 3 | K5 | |
| ✓ 63 | 2 | F0 | |
| ✓ 64 | 2 | G | Nearly all superp. on a star south. |
| ✓ 65 | 8 | B9 | |
| ✓ 66 | 5 | B9 | |
| ✓ 67 | 4 | B8 | |
| ✓ 68 | 3 | K2 | |
| ✓ 69 | 2 | F2 | |
| ✓ 70 | 2 | A2 | |
| ✓ 71 | 4 | B9 | |
| ✓ 72 | 6 | A0 | |
| ✓ 73 | 7 | A0 | |
| ✓ 74 | 8 | B9 | Partly superp. on 75 |
| ✓ 75 | 9 | B9 | |
| ✓ 76 | 5 | F0 | |
| ✓ 77 | 4 | B8 | |
| ✓ 78 | 2 | G0 | |
| ✓ 79 | 2 | A0 | |
| ✓ 80 | 1 | K | Partly superp. on 79 |
| ✓ 81 | 1 | K2 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae..proj..21720



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 55 | +4° | 3526 | 17 | 43.3 | +4 | 46 | 9.3 ✓ |
| 56 | +4° | 3537 | 17 | 44.5 | +4 | 52 | 9.3 ✓ |
| 57 | +4° | 3539 | 17 | 44.7 | +4 | 55 | 9.0 ✓ |
| 58 | +5° | 3512 | 17 | 42.4 | +5 | 26 | 8.7 ✓ |
| 59 | +5° | 3529 | 17 | 46.1 | +5 | 2 | 9.1 ✓ |
| 60 | +4° | 3542 | 17 | 45.6 | +4 | 34 | 8.6 ✓ |
| 61 | +4° | 3545 | 17 | 46.7 | +4 | 12 | 8.7 ✓ |
| 62 | +3° | 3533 | 17 | 48.7 | +3 | 47 | 8.1 ✓ |
| 63 | +4° | 3551 | 17 | 48.8 | +4 | 34 | 9.1 ✓ |
| 64 | +4° | 3552 | 17 | 49.1 | +4 | 55 | 8.7 ✓ +4° 3553 sup. 8.1 |
| 65 | +4° | 3556 | 17 | 49.6 | +4 | 24 | 8.0 ✓ |
| 66 | +4° | 3560 | 17 | 50.6 | +4 | 28 | 8.7 ✓ |
| 67 | +3° | 3546 | 17 | 51.1 | +3 | 57 | 8.7 ✓ |
| 68 | +3° | 3544 | 17 | 51.0 | +3 | 41 | 9.0 ✓ |
| 69 | +3° | 3548 | 17 | 51.6 | +3 | 51 | 9.4 ✓ |
| 70 | +4° | 3569 | 17 | 52.5 | +4 | 20 | 9.4 ✓ |
| 71 | +4° | 3571 | 17 | 53.2 | +4 | 32 | 9.3 ✓ |
| 72 | +3° | 3566 | 17 | 54.4 | +3 | 58 | 8.8 ✓ |
| 73 | +3° | 3562 | 17 | 54.2 | +3 | 48 | 8.7 ✓ |
| 74 | +3° | 3564 | 17 | 54.3 | +3 | 32 | 8.2 ✓ |
| 75 | +3° | 3565 | 17 | 54.4 | +3 | 31 | 8.2 ✓ |
| 76 | +3° | 3558 | 17 | 53.7 | +3 | 21 | 8.5 ✓ |
| 77 | +3° | 3557 | 17 | 53.4 | +3 | 12 | 9.0 ✓ |
| 78 | +3° | 3554 | 17 | 52.6 | +3 | 22 | 9.0 ✓ |
| 79 | +3° | 3551 | 17 | 52.4 | +3 | 52 | 9.5 ✓ |
| 80 | +3° | 3552 | 17 | 52.4 | +3 | 57 | 9.2 ✓ |
| 81 | +3° | 3556 | 17 | 53.4 | +3 | 51 | 9.1 ✓ |

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1914phae.proj.21720



Friday May 15, 1914

B14148 plate

| No. | Int. | Class | Remark |
|---|---|---|---|
| ✓ 82 | 7 | F0 | |
| ✓ 83 | 4 | K5 | |
| ✓ 84 | 4 | A5 | |
| ✓ 85 | 5 | F5 | |
| ✓ 86 | 4 | B9 | |
| ✓ 87 | 5 | K5 | |
| ✓ 88 | 1 | A | |
| ✓ 89 | 3 | A0 | Partly superposed on 90 |
| ✓ 90 | 6 | A5 | |
| ✓ 91 | 8 | A0 | |
| ✓ 92 | 3 | A0 | |
| ✓ 93 | 7 | K5 | |
| ✓ 94 | 8 | B5 | |
| ✓ 95 | 1 | F8 | |
| ✓ 96 | 5 | A2 | |
| ✓ 97 | 6 | K0 | |
| ✓ 98 | 7 | B8 | |
| ✓ 99 | 7 | A0 | |
| ✓ 100 | 3 | A2 | |
| ✓ 101 | 1 | K0 | |
| ✓ 102 | 2 | A0 | |
| ✓ 103 | 1 | A | Another plate superp.? |
| ✓ 104 | 3 | K5 | |
| ✓ 105 | 7 | K0 | |
| ✓ 106 | 5 | A0 | |
| ✓ 107 | 4 | A2 | |
| ✓ 108 | 1 | K0 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae..proj..21726



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 82 | +4° | 3573 | 17 | 55.0 | +4 | 23 | 8.5 ✓ |
| 83 | +4° | 3574 | 17 | 55.4 | +4 | 27 | 9.2 ✓ |
| 84 | +4° | 3575 | 17 | 55.5 | +4 | 17 | 9.3 ✓ |
| 85 | +3° | 3574 | 17 | 56.2 | +3 | 51 | 8.6 ✓ |
| 86 | Approx. | 1855 | 17 | 55.0 | +3 | ~~30~~ 29 | ✓ |
| 87 | +3° | 3572 | 17 | 55.3 | +3 | 27 | 8.2 ✓ |
| 88 | Approx. | 1855 | 17 | 55.0 | +3 | 14 | ✓ |
| 89 | +3° | 3570 | 17 | 54.9 | +3 | 6 | 9.2 ✓ |
| 90 | +3° | 3569 | 17 | 54.9 | +3 | 3 | 8.9 ✓ |
| 91 | +~~3~~ 2° | 3473 | 17 | 56.1 | +~~3~~ 2 | 30 | 8.0 ✓ |
| 92 | +~~3~~ 2° | 3474 | 17 | 56.2 | +~~3~~ 2 | 20 | 9.2 ✓ |
| 93 | +1° | 3574 | 17 | 56.7 | +1 | 50 | 8.5 ✓ |
| 94 | +1° | 3566 | 17 | 55.5 | +1 | 36 | 8.7 ✓ |
| 95 | +1° | 3558 | 17 | 54.3 | +1 | 54 | 9.1 ✓ |
| 96 | +1° | 3557 | 17 | 53.9 | +1 | 45 | 8.7 ✓ |
| 97 | +1° | 3556 | 17 | 53.0 | +1 | 37 | 8.0 ✓ |
| 98 | +2° | 3443 | 17 | 51.7 | +2 | 4 | 8.0 ✓ +2° 3444 sup. 8.7 |
| 99 | +2° | 3447 | 17 | 52.2 | +2 | 22 | 8.8 ✓ |
| 100 | +2° | 3448 | 17 | 52.2 | +2 | 33 | 9.0 ✓ |
| 101 | +2° | 3449 | 17 | 52.3 | +2 | 39 | 9.0 ✓ |
| 102 | +2° | 3450 | 17 | 52.6 | +2 | 22 | 9.5 ✓ |
| 103 | +2° | 3453 | 17 | 52.7 | +2 | 56 | 9.5 ✓ +2° 3454 sup. 9.0 |
| 104 | +2° | 3422 | 17 | 47.1 | +2 | 47 | 8.5 ✓ |
| 105 | +2° | 3420 | 17 | 46.0 | +2 | 42 | 7.5 ✓ |
| 106 | +2° | 3419 | 17 | 45.7 | +2 | 51 | 8.5 ✓ |
| 107 | +3° | 3525 | 17 | 47.1 | +3 | 30 | 9.0 ✓ |
| 108 | +3° | 3526 | 17 | 47.1 | +3 | 35 | 9.2 ✓ |

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1914phae.proj.21720



Friday May 15, 1914

B 14, 48 short

| | No. | Exs. | Class | Remarks |
|---|---|---|---|---|
| ✓ | 109 | 1 | G5 | |
| ✓ | 110 | 8 | G5 | |
| ✓ | 111 | 6 | K0 | |
| ✓ | 112 | 7 | F0 | |
| ✓ | 113 | 7 | F0 | Partly superp. on 114 |
| ✓ | 114 | 9 | K0 | |
| ✓ | 115 | 3 | G0 | |
| ✓ | 116 | 4 | F0 | |
| 1.55 ✓ | 117 | 2 | K5 | |
| ✓ | 118 | 1 | A0 | |
| 2.05 ✓ | 119 | 3 | A2 | |
| ✓ | 120 | 4 | A0 | |
| ✓ | 121 | 7 | K2 | |
| ✓ | 122 | 5 | A0 | |
| ✓ | 123 | 4 | F5 | |
| ✓ | 124 | 4 | A0 | |
| ✓ | 125 | 6 | A0 | |
| ✓ | 126 | 2 | A0 | |
| ✓ | 127 | 4 | A0 | |
| ✓ | 128 | 4 | A0 | |
| ✓ | 129 | 4 | A3 | |
| ✓ | 130 | 4 | A2 | |
| ✓ | 131 | 5 | F5 | |
| ✓ | 132 | 4 | A0 | |
| ✓ | 133 | 6 | G0 | |
| ✓ | 134 | 7 | G5 | |
| ✓ | 135 | 1 | K5 | |

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1914phae..proj.2172C



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 109 | +3° | 3514 | 17 | 45.6 | +3 | 50 | 8.9 ✓ |
| 110 | +3° | 3465 | 17 | 32.1 | +3 | 39 | 6.5 ✓ |
| 111 | +3° | 3466 | 17 | 32.3 | +3 | 29 | 7.2 ✓ |
| 112 | +2° | 3370 | 17 | 31.7 | +2 | 45 | 7.8 ✓ |
| 113 | +2° | 3372 | 17 | 31.8 | +2 | 9 | 8.5 ✓ |
| 114 | +2° | 3373 | 17 | 31.8 | +2 | 7 | 6.7 ✓ |
| 115 | +2° | 3376 | 17 | 32.6 | +2 | 6 | 8.8 ✓ |
| 116 | +1° | 3487 | 17 | 35.8 | +1 | 49 | 8.3 ✓ |
| 117 | +2° | 3388 | 17 | 36.5 | +2 | 4 | 8.5 ✓ |
| 118 | +1° | 3493 | 17 | 38.2 | +1 | 24 | 9.3 ✓ |
| 119 | +1° | 3498 | 17 | 38.8 | +1 | 32 | 8.8 ✓ |
| 120 | +1° | 3499 | 17 | 38.8 | +1 | 25 | 9.0 ✓ |
| 121 | +1° | 3501 | 17 | 39.0 | +1 | 7 | 6.8 ✓ |
| 122 | +1° | 3502 | 17 | 39.4 | +1 | 36 | 8.7 ✓ |
| 123 | +1° | 3504 | 17 | 39.9 | +1 | 53 | 8.5 ✓ |
| 124 | +1° | 3508 | 17 | 40.3 | +1 | 50 | 8.8 ✓ |
| 125 | +1° | 3509 | 17 | 40.6 | +1 | 36 | 8.2 ✓ |
| 126 | +1° | 3510 | 17 | 40.7 | +1 | 39 | 8.7 ✓ |
| 127 | +1° | 3511 | 17 | 40.8 | +1 | 30 | 8.7 ✓ |
| 128 | +1° | 3512 | 17 | 40.9 | +1 | 26 | 8.8 ✓ |
| 129 | +1° | 3517 | 17 | 41.4 | +1 | 49 | 8.5 ✓ |
| 130 | +1° | 3520 | 17 | 42.5 | +1 | 48 | 8.8 ✓ |
| 131 | +2° | 3407 | 17 | 42.8 | +2 | 17 | 8.2 ✓ |
| 132 | +2° | 3411 | 17 | 43.2 | +2 | 7 | 9.0 ✓ +2°3410 susp. 9.3 |
| 133 | +1° | 3524 | 17 | 44.0 | +1 | 34 | 8.2 ✓ |
| 134 | +1° | 3527 | 17 | 45.2 | +1 | 46 | 7.8 ✓ |
| 135 | +2° | 3416 | 17 | 44.7 | +2 | 14 | 9.2 ✓ |

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1914phae.proj.21720



Friday May 15, 1914

B 14148 plate

| | No. | Dur. | class | Remark— |
|---|---|---|---|---|
| ✓ | 136 | 1 | a | |
| ✓ | 137 | 1 | K | |
| ✓ | 138 | 1 | a | |
| ✓ | 139 | 2. | a | |
| ✓ | 140 | 7 | $a_2$ | |
| ✓ | 141 | 1 | $b_5$ | |
| ✓ | 142 | 1. | $b_5$ | |
| ✓ | 143 | 2. | $b_5$ | |
| ✓ | 144 | 3 | $b_5$ | |
| ✓ | 145 | 3 | $a_0$ | |
| ✓ | 146 | 2 | $b_5$ | |
| ✓ | 147 | 3 | $K_0$ | |
| ✓ | 148 | 5 | $K_2$ | |
| ✓ | 149 | 7 | $b_5$ | |
| ✓ | 150 | 7. | $a_0$ | |
| ✓ | 151 | 8 | $a_0$ | |
| ✓ | 152 | 5 | $a_3$ | |
| ✓ | 153 | 2 | $K_5$ | |
| ✓ | 154 | 3 | $b_5$ | |
| ✓ | 155 | 5 | $b_5$ | |
| ✓ | 156 | 7 | $a_0$ | |
| ✓ | 157 | 3 | $b_5$ | |
| ✓ | 158 | 2 | $K_5$ | |
| ✓ | 159 | 4 | $K_5$ | |
| ✓ | 160 | 3 | $a_0$ | |
| ✓ | 161 | 2 | $b_5$ | |
| ✓ | 162 | 2 | $a_0$ | |

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1914phae..proj.2172C



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 136 | +2° | 3418 | 17 | 45.6 | +2 | 6 | 9.3 | ✓ |
| 137 | +2° | 3421 | 17 | 46.9 | +2 | 10 | 9.2 | ✓ |
| 138 | +2° | 3423 | 17 | 47.1 | +2 | 25 | 9.4 | ✓ |
| 139 | +2° | 3428 | 17 | 48.3 | +2 | 31 | 9.1 | ✓ |
| 140 | +3° | 3534 | 17 | 49.0 | +3 | 1 | 8.0 | ✓ |
| 141 | +3° | 3541 | 17 | 50.4 | +3 | 24 | 9.0 | ✓ |
| 142 | +3° | 3542 | 17 | 50.8 | +3 | 15 | 9.1 | ✓ |
| 143 | +1° | 3541 | 17 | 48.8 | +1 | 28 | 9.0 | ✓ |
| 144 | +1° | 3539 | 17 | 48.4 | +1 | 1 | 9.4 | ✓ |
| 145 | +1° | 3536 | 17 | 47.2 | +1 | 14 | 9.3 | ✓ |
| 146 | ~~+2~~ +1° | 3531 | 17 | 45.7 | +1 | 8 | 9.0 | ✓ |
| 147 | +0° | 3805 | 17 | 46.7 | +0 | 44 | 8.5 | ✓ |
| 148 | +0° | 3803 | 17 | 46.6 | +0 | 37 | 8.0 | ✓ +0° 3804 sup. 8.9 |
| 149 | +0° | 3807 | 17 | 48.0 | +0 | 43 | 8.2 | ✓ |
| 150 | +0° | 3810 | 17 | 48.3 | +0 | 30 | 8.7 | ✓ |
| 151 | −0° | 3375 | 17 | 45.4 | −0 | 0 | 8.2 | ✓ |
| 152 | −0° | 3374 | 17 | 45.1 | −0 | 6 | 8.7 | ✓ |
| 153 | +0° | 3799 | 17 | 45.6 | +0 | 22 | 8.7 | ✓ |
| 154 | +0° | 3795 | 17 | 44.1 | +0 | 40 | 9.0 | ✓ |
| 155 | +0° | 3789 | 17 | 42.6 | +0 | 34 | 8.5 | ✓ |
| 156 | +0° | 3785 | 17 | 42.0 | +0 | 30 | 8.6 | ✓ |
| 157 | +0° | 3784 | 17 | 41.9 | +0 | 21 | 9.1 | ✓ |
| 158 | +0° | 3779 | 17 | 41.0 | +0 | 36 | 8.8 | ✓ |
| 159 | +0° | 3786 | 17 | 42.2 | +0 | 57 | 7.3 | ✓ |
| 160 | +1° | 3519 | 17 | 41.9 | +1 | 15 | 8.8 | ✓ |
| 161 | +1° | 3516 | 17 | 41.4 | +1 | 13 | 8.5 | ✓ |
| 162 | +1° | 3513 | 17 | 41.0 | +1 | 6 | 9.0 | ✓ |

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1914phae.proj.21720



Friday May 15, 1914

B 1414 8 shots

| No. | Dur. | class | Remark |
|---|---|---|---|
| ✓ 163 | 2 | A0 | |
| ✓ 164 | 3 | K0 | |
| ✓ 165 | 8 | F2 | |
| ✓ 166 | 7 | A0 | |
| ✓ 167 | 3 | A0 | |
| ✓ 168 | 2 | K0 | |
| ✓ 169 | 2 | B0 | |
| ✓ 170 | 5 | A0 | |
| ✓ 171 | 3 | A0 | |
| ✓ 172 | 3 | K0 | |
| ✓ 173 | 6 | A0 | |
| ✓ 174 | 4 | K2 | |
| ✓ 175 | 2 | A0 | |
| ✓ 176 | 5 | B8 | |
| ✓ 177 | 3 | B0 | |
| ✓ 178 | 5 | K2 | |
| ✓ 179 | 4 | A0 | |
| ✓ 180 | 8 | A3 | |
| ✓ 181 | 3 | F8 | |
| ✓ 182 | 4 | K5 | |
| ✓ 183 | 3 | F8 | |
| ✓ 184 | 7 | A0 | |
| ✓ 185 | 3 | A0 | |
| ✓ 186 | 7 | B8 | |
| ✓ 187 | 2 | F2 | Another class purpose |
| ✓ 188 | 3 | A0 | |
| ✓ 189 | 1 | K0 | |

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1914phae.proj.2172C



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 163 | +1° | 3506 | 17 | 40.2 | +1 | 21 | 9.0 ✓ |
| 164 | +0° | 3766 | 17 | 38.1 | +0 | 8 | 8.8 ✓ |
| 165 | +0° | 3763 | 17 | 36.8 | +0 | 26 | 7.7 ✓ |
| 166 | −0° | 3352 | 17 | 37.4 | −0 | 4 | 8.2 ✓ |
| 167 | +1° | 3484 | 17 | 36.1 ~~34.4~~ | +1 | 8 ~~+3~~ | 8.8 ~~9.0~~ ✓ |
| 168 | +0° | 3760 | 17 | 35.5 | +0 | 43 | 9.0 ✓ |
| 169 | +1° | 3484 | 17 | 34.4 | +1 | 13 | 9.0 ✓ |
| 170 | +0° | ~~3747~~ 3748 | 17 | ~~32.4~~ 32.6 | +0 | ~~56~~ 51 | ~~9.3~~ 8.7 ✓ |
| 171 | +0° | 3744 | 17 | 32.0 | +0 | 42 | 8.7 ✓ |
| 172 | +0° | 3746 | 17 | 32.3 | +0 | 22 | 9.0 ✓ |
| 173 | −0° | 3346 | 17 | 34.2 | −0 | 36 | 8.1 ✓ |
| 174 | −1° | 3386 | 17 | 37.2 | −1 | 40 | 8.0 ✓ |
| 175 | −0° | 3355 | 17 | 38.2 | −0 | 49 | 9.2 ✓ |
| 176 | −1° | 3388 | 17 | 38.7 | −1 | 5 | 8.5 ✓ |
| 177 | −1° | 3389 | 17 | 39.2 | −1 | 9 | 8.2 ✓ |
| 178 | −1° | 3391 | 17 | 39.4 | −1 | 40 | 7.5 ✓ |
| 179 | −1° | 3394 | 17 | 40.1 | −1 | 28 | 8.7 ✓ |
| 180 | −1° | 3398 | 17 | 40.8 | −1 | 46 | 7.5 ✓ |
| 181 | −1° | 3400 | 17 | 41.4 | −1 | 49 | 8.7 ✓ |
| 182 | −0° | 3361 | 17 | 40.8 | −0 | 58 | 7.8 ✓ |
| 183 | −1° | 3392 | 17 | 39.8 | −1 | 2 | 8.5 ✓ |
| 184 | −1° | 3393 | 17 | 39.9 | −1 | 14 | 8.7 ✓ |
| 185 | −0° | 3365 | 17 | 42.2 | −0 | 45 | 9.0 ✓ |
| 186 | −0° | 3366 | 17 | 42.7 | −0 | 38 | 8.0 ✓ ✓ |
| 187 | −0° | 3371 | 17 | 44.0 | −0 | 29 | 9.0 Star sup. not in D.M. |
| 188 | −1° | 3407 | 17 | 43.3 | −1 | 22 | 9.2 ✓ |
| 189 | −0° | 3380 | 17 | 46.5 | −0 | 51 | 9.1 ✓ |

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1914phae.proj.21720



Friday May 15, 1914

B 14148 shots

| | No. | Dur. | Class | Remark |
|---|---|---|---|---|
| ✓ | 190 | 2 | K2 | |
| ✓ | 191 | 2 | Ma | |
| ✓ | 192 | 7 | A3 | |
| ✓ | 193 | 6. | B9 | |
| ✓ | 194 | 3 | K0 | |
| ✓ | 195 | 3 | K5 | |
| ✓ | 196 | 7 | G5 | |
| ✓ | 197 | 8 | G5 | |
| ✓ | 198 | 2 | K0 | |
| ✓ | 199 | 1 | G0 | |
| ✓ | 200 | 2 | G0 | |
| ✓ | 201 | 1 | K5 | |
| ✓ | 202 | 1 | G5 | |
| 2.20 | ✓ | 203 | 1 | G0 |
| 12.54 | ✓ | 204 | 3 | K2 |
| Friday May 22, 1914 | ✓ | 205 | 4 | A5 |
| | ✓ | 206 | 4 | A2 |
| | ✓ | 207 | 3 | A0 |
| | ✓ | 208 | 2 | A0 |
| | ✓ | 209 | 2 | A0 |
| | ✓ | 210 | 2 | A0 |
| | ✓ | 211 | 2 | K0 |
| | ✓ | 212 | 3 | G5 |
| | ✓ | 213 | 2 | F2 |
| | ✓ | 214 | 2 | F5 |
| | ✓ | 215 | 2 | A0 | Partly sup. on 216 |
| 12.55 | ✓ | 216 | 4 | A2 |

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1914phae.proj.2172C



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 190 | −0° | 3385 | 17 | 48.5 | −0 | 52 | 9.0 ✓ |
| 191 | −1° | 3419 | 17 | 48.6 | −1 | 23 | 8.3 ✓ |
| 192 | −1° | 3418 | 17 | 48.6 | −1 | 43 | 8.7 ✓ |
| 193 | −1° | 3431 | 17 | 52.4 | −1 | 10 | 8.7 ✓ |
| 194 | +0° | 3829 | 17 | 52.1 | +0 | 2 | 8.7 ✓ |
| 195 | +0° | 3831 | 17 | 52.8 | +0 | 10 | 8.5 ✓ |
| 196 | +0° | 3837 | 17 | 54.1 | +0 | 7 | 8.0 ✓ |
| 197 | +0° | 3840 | 17 | 54.8 | +0 | 6 | 8.2 ✓ |
| 198 | +0° | 3827 | 17 | 52.0 | +0 | 35 | 9.0 ✓ |
| 199 | +0° | 3824 | 17 | 51.1 | +0 | 56 | 9.2 ✓ |
| 200 | ~~+4°~~ +0° | 3817 | 17 | 49.7 | +0 | 23 | 9.2 ✓ |
| 201 | +0° | 3820 | 17 | 49.9 | +0 | 13 | 8.7 ✓ |
| 202 | +0° | 3822 | 17 | 50.3 | +0 | 16 | 9.2 ✓ |
| 203 | +0° | 3825 | 17 | 51.6 | +0 | 14 | 9.3 ✓ |
| 204 | +5° | 3574 | 17 | 54.6 | +5 | 40 | 8.6 ✓ |
| 205 | +5° | 3572 | 17 | 54.4 | +5 | 35 | 9.0 ✓ |
| 206 | +5° | 3575 | 17 | 54.6 | +5 | 32 | 9.2 ✓ |
| 207 | +5° | 3579 | 17 | 55.0 | +5 | 24 | 9.1 ✓ |
| 208 | +5° | 3576 | 17 | 54.6 | +5 | 20 | 9.4 ✓ |
| 209 | Approx. | 1855 | 17 | 54.0 | +4 | ~~43~~ 42 | ✓ |
| 210 | Approx. | 1855 | 17 | 54.3 | +4 | 38 | ✓ |
| 211 | +4° | 3572 | 17 | 54.5 | +4 | 41 | 9.0 ✓ |
| 212 | +4° | 3581 | 17 | 56.2 | +4 | 48 | 9.0 ✓ |
| 213 | +5° | 3590 | 17 | 56.7 | +5 | 4 | 9.2 ✓ |
| 214 | +5° | 3587 | 17 | 56.4 | +5 | 27 | 9.2 ✓ |
| 215 | +5° | 3598 | 17 | 58.0 | +5 | 50 | 9.0 ✓ |
| 216 | +5° | 3599 | 17 | 58.1 | +5 | 48 | 8.5 ✓ |

Sent on cards by AMC. Jan. 8, 1915
Sent in Book by JCM. Jan. 9, 1915

Compared by G.R.B. Jan. 11, 1915

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1914phae.proj.21720



Saturday, May 16, 1914.

B 14180 short

| D.E.W. rec. | No. | Int. | Class | |
|---|---|---|---|---|
| repeating | ✓ 1 | ½ | F5 | |
| | ✓ 2 | 1 | K2 | |
| Trimer not | ✓ 3 | 1 | F8 | |
| taken; acc No | ✓ 4 | 6 | a2 | |
| 71 | ✓ 5 | 2 | g0 | |
| | ✓ 6 | 5 | a0 | |
| | ✓ 7 | 4 | K2 | |
| | ✓ 8 | 1 | a | Partly superposed on 9 |
| | ✓ 9 | 4 | K0 | |
| | ✓ 10 | 5 | a0 | |
| | ✓ 11 | 4 | a0 | |
| | ✓ 12 | 9 | B8 | |
| | ✓ 13 | 6 | a0 | |
| | ✓ 14 | 10 | g0 | |
| | ✓ 15 | 2 | g5 | |
| | ✓ 16 | 2 | F5 | |
| | ✓ 17 | 7 | F8 | |
| | ✓ 18 | 7 | K2 | |
| | ✓ 19 | 4 | a0 | |
| | ✓ 20 | 3 | K5 | |
| | ✓ 21 | 3 | K0 | |
| | ✓ 22 | 4 | K0 | |
| | ✓ 23 | 1 | K5 | |
| | ✓ 24 | 1 | K5 | |
| | ✓ 25 | 2 | F2 | |
| | ✓ 26 | 2 | a2 | |
| | ✓ 27 | 5 | a0 | |

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1914phae..proj.2172C



| | | | | | |
|---|---|---|---|---|---|
| 1 | +5 | 3396 | 17 | 202 +5 | 27.3 | 9.2 ✓ |
| 2 | +5 | 3399 | 17 | 205 +5 | 8.1 | 9.0 ✓ |
| 3 | +4 | 3430 | 17 | 21.6 +4 | 16.5 | 9.1 ✓ 70 M.3428 Mag. 9.5 Superposed |
| 4 | +4 | 3437 | 17 | 239 +4 | 18.9 | 9.1 ✓ |
| 5 | +3 | 3426 | 17 | 236 +3 | 55.8 | 9.0 ✓ |
| 6 | +3 | 3428 | 17 | 240 +3 | 43.2 | 8.7 ✓ |
| 7 | +3 | 3436 | 17 | 251 +3 | 23.4 | 8.1 ✓ |
| 8 | +3 | 3438 | 17 | 256 +3 | 37.7 | 9.4 ✓ |
| 9 | +3 | 3439 | 17 | 258 +3 | 32.4 | 8.7 ✓ |
| 10 | +3 | 3441 | 17 | 259 +3 | 23.1 | 9.2 ✓ |
| 11 | +2 | 3345 | 17 | 255 +2 | 56.9 | 8.3 ✓ |
| 12 | +2 | 3341 | 17 | 248 +2 | 55.9 | 7.8 ✓ |
| 13 | +3 | 3432 | 17 | 246 +3 | 21 | 8.8 ✓ |
| 14 | +2 | 3337 | 17 | 241 +2 | 50.8 | 5.5 ✓ |
| 15 | +2 | 3335 | 17 | 234 +2 | 26.8 | 8.8 ✓ |
| 16 | +2 | 3334 | 17 | 233 +2 | 7.7 | 9.0 ✓ |
| 17 | +1 | 3450 | 17 | ~~242~~ 235 +1 | 470 420 | 7.2 ✓ 8.2 |
| 18 | +1 | 3450 | 17 | 242 +1 | 47.0 | 7.2 ✓ |
| 19 | +1 | 3451 | 17 | 245 +1 | 67.1 | 8.7 ✓ |
| 20 | +2 | 3343 | 17 | 251 +2 | 11.1 | 8.0 ✓ |
| 21 | +2 | 3340 | 17 | 246 +2 | 21.3 | 8.3 ✓ M.3339 Mag 9.3 Saj. N. |
| 22 | +2 | 3344 | 17 | 251 +2 | 30.6 | 8.0 ✓ |
| 23 | +2 | 3349 | 17 | 259 +2 | 32.3 | 8.1 ✓ |
| 24 | +2 | 3351 | 17 | 263 +2 | 27.7 | 8.7 ✓ |
| 25 | +2 | 3352 | 17 | 271 +2 | 16.4 | 9.1 ✓ |
| 26 | +2 | 3357 | 17 | 280 +2 | 34.0 | 9.1 ✓ |
| 27 | +3 | 3449 | 17 | 275 +3 | 2.3 | 9.0 ✓ |

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1914phae.proj.21720



Saturday, May 16, 1914.

B 14180 short

| No | Int | Class. |
|---|---|---|
| ✓ 28 | 1 | K5 |
| ✓ 29 | 1 | K2 |
| ✓ 30 | 2 | a0 |
| ✓ 31 | 3 | K0 |
| ✓ 32 | 2 | g5 |
| ✓ 33 | 7 | K0 |
| ✓ 34 | 6 | g5 |
| ✓ 35 | 7 | F2 |
| ✓ 36 | 5 | a0 |
| ✓ 37 | 4 | K0 |
| ✓ 38 | 3 | Ma |
| ✓ 39 | 2 | a0 |
| ✓ 40 | 1 | K5 |
| ✓ 41 | 1 | K5 |
| ✓ 42 | 2 | K2 |
| ✓ 43 | 1 | g0 |
| ✓ 44 | 3 | F8 |
| ✓ 45 | 2 | g5 |
| ✓ 46 | 2 | K0 |
| ✓ 47 | 3 | F8 |
| ✓ 48 | 1 | g5 |
| ✓ 49 | 1 | K2 |
| ✓ 50 | 1 | K5 |
| ✓ 51 | 2 | a2 |
| ✓ 52 | 1 | K5 |
| ✓ 53 | 2 | K6 |
| ✓ 54 | 2 | K2 |

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1914phae..proj..21720



| | | | | |
|---|---|---|---|---|
| 28 +3 | 3450 17 | 27.6 +3 | 27.2 | 85 ✓ |
| 29 +3 | 3455 17 | 28.2 +3 | 26.6 | 90 ✓ |
| 30 +3 | 3456 17 | 28.8 +3 | 30.7 | 92 ✓ |
| 31 +3 | 3458 17 | 29.1 +3 | 9.9 | 90 ✓ |
| 32 +3 | 3459 17 | 29.8 +3 | 23.4 | 90 ✓ |
| 33 +4 | 3448 17 | 27.5 +4 | 12.9 | 89 ✓ |
| 34 +4 | 3451 17 | 28.1 +4 | 3.0 | 83 ✓ 10M. 3450 Mag. 9.0 Superposed. |
| 35 +4 | 3452 17 | 28.5 +4 | 14.7 | 87 ✓ 10M. 3455 Mag. 9.2 Superposed. |
| 36 +4 | 3459 17 | 29.6 +4 | 29.9 | 88 ✓ |
| 37 +4 | 3456 17 | 29.0 +4 | 57.0 | 86 ✓ |
| 38 +5 | 3428 17 | 28.4 +5 | 6.9 | 82 ✓ |
| 39 +5 | 3420 17 | 26.5 +5 | 2.6 | 91 ✓ |
| 40 +4 | 3445 17 | 26.5 +4 | 53.7 | 91 ✓ |
| 41 +4 | 3447 17 | 27.3 +4 | 24.8 | 90 ✓ |
| 42 +5 | 3407 17 | 22.7 +5 | 38.0 | 89 ✓ |
| 43 +3 | 3409 17 | 19.9 +3 | 40.7 | 95 ✓ |
| 44 +3 | 3413 17 | 20.2 +3 | 19.6 | 90 ✓ |
| 45 +2 | 3326 17 | 21.4 +2 | 52.2 | 88 ✓ 10M. 3325 Mag. 9.5 Superposed. |
| 46 +2 | 3329 17 | 21.9 +2 | 48.0 | 88 ✓ 10M. 3328 Mag. 9.2 Superposed. |
| 47 +2 | 3323 17 | 21.0 +2 | 19.8 | 85 ✓ |
| 48 +2 | 3324 17 | 21.2 +2 | 32.0 | 90 ✓ |
| 49 +2 | 3321 17 | 20.8 +2 | 1.7 | 90 ✓ |
| 50 +~~0~~ 1 | 3432 17 | 18.4 +1 | 24.7 | 92 ✓ |
| 51 +2 | 3300 17 | 14.1 +2 | 13.2 | 93 ✓ |
| 52 +2 | 3302 17 | 15.1 +2 | 28.8 | 91 ✓ |
| 53 +3 | 3386 (90) 17 | 14.3 (8) +3 | 59 (9) | 88 (5) ✓ |
| 54 +3 | 3384 17 | 14.0 +3 | 57.9 | 87 ✓ |

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1914phae.proj.21720



Saturday, May 16, 1914.
B 14180 short

| | No. | Ct Ext. | Class. |
|---|---|---|---|
| ✓ | 55 | 2 | K2 |
| ✓ | 56 | 1 | K5 |
| ✓ | 57 | 3 | K0 |
| ✓ | 58 | 4 | a0 |
| ✓ | 59 | 9 | B8 |
| ✓ | 60 | 4 | K2 |
| ✓ | 61 | 4 | Ma |
| ✓ | 62 | 8 | K0 |
| ✓ | 63 | 6 | a0 |
| ✓ | 64 | 3 | g5 |
| ✓ | 65 | 3 | F8 |
| ✓ | 66 | 1 | K5 |
| ✓ | 67 | 10 | F0 |
| ✓ | 68 | 2 | a0 |
| ✓ | 69 | 8 | F0 |
| ✓ | 70 | 1 | K2 |
| 10 46 | ✓ | 71 | 5 | a0 |
| ✓ | 72 | 9 | a2 |
| ✓ | 73 | 5 | K0 |
| ✓ | 74 | 3 | g5 |
| ✓ | 75 | 8 | a0 |
| ✓ | 76 | 7 | F8 |
| ✓ | 77 | 6 | a0 |
| ✓ | 78 | 5 | B9 |
| ✓ | 79 | 5 | F8 |
| ✓ | 80 | 2 | F5 |
| ✓ | 81 | 1 | K5 |

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1914phae.proj.21720



| | | | | | |
|---|---|---|---|---|---|
| 55 +3 | 3403 17 | 17.9 +3 | 57.1 | 9.1 ✓ | |
| 56 +4 | 3415 17 | 17.2 +4 | 34.4 | 9.0 ✓ | |
| 57 +1 | 3467 17 | 29.0 +1 | 19.3 | 7.9 ✓ | |
| 58 +1 | 3467 17 | 29.4 +1 | 19.2 | 9.1 7.9 ✓ | |
| 59 +1 | 3463 17 | 28.5 +1 | 5.7 | 7.7 ✓ | |
| 60 +0 | 3721 17 | 27.3 +0 | 6.8 | 8.5 ✓ | |
| 61 +0 | 3717 17 | 25.9 +0 | 12.6 | 8.5 ✓ 70M.3716 Mag 9.5 Superposed. | |
| 62 +0 | 3709 17 | 24.5 +0 | 9.8 | 6.8 ✓ | |
| 63 -0 | 3305 17 | 23.9 -0 | 13.3 | 8.3 ✓ | |
| 64 +0 | 3701 17 | 22.8 +0 | 12.4 | 8.5 ✓ | |
| 65 +0 | 3703 17 | 23.3 +0 | 42.7 | 9.0 ✓ | |
| 66 +0 | 3710 17 | 24.5 +0 | 38.5 | 8.8 ✓ | |
| 67 +1 | 3449 17 | 23.5 +1 | 15.0 | 7.5 ✓ | |
| 68 +1 | 3457 17 | 26.6 +1 | 51.1 | 9.2 ✓ | |
| 69 -0 | 3296 17 | 22.1 -0 | 2.3 | 8.0 ✓ | |
| 70 +0 | 3700 17 | 21.9 +0 | 3.1 | 9.0 ✓ | |
| 71 +0 | 3698 17 | 21.7 +0 | 10.3 | 8.8 ✓ | |
| 72 -0 | 3283 17 | 19.2 -0 | 52.4 | 7.7 ✓ 70M.3284 Mag 9.5 Superposed | |
| 73 -0 | 3285 17 | 19.3 -0 | 3.1 | 8.1 ✓ | |
| 74 +0 | 3684 17 | 17.7 +0 | 19.5 | 9.0 ✓ | |
| 75 -1 | 3362 17 | 27.4 -1 | 29.9 | 8.0 ✓ | |
| 76 -1 | 3358 17 | 26.9 -1 | 39.9 | 8.0 ✓ | |
| 77 -0 | 3327 17 | 30.1 -0 | 56.7 | 8.5 ✓ | |
| 78 -0 | 3322 17 | 27.7 -0 | 29.5 | 9.0 ✓ | |
| 79 -0 | 3317 17 | 26.2 -0 | 40.9 | 8.8 ✓ | |
| 80 +0 | 3726 17 | 28.8 +0 | 31.6 | 9.1 ✓ | |
| 81 +0 | 3736 17 | 30.7 +0 | 42.7 | 9.1 ✓ | |

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1914phae.proj.21720



Saturday, May 16, 1914

B 14180 short.

| | No. | Int. | Class |
|---|---|---|---|
| ✓ | 82 | 2 | F2 |
| ✓ | 83 | 2 | K0 |
| ✓ | 84 | 1 | G0 |
| ✓ | 85 | 2 | F8 |
| ✓ | 86 | 2 | G5 |
| ✓ | 87 | 2 | F8 |
| 10 49 ✓ | 88 | 1 | K0 |
| | ~~89~~ | | |
| | 90 | | |
| | 91 | | |
| 89 | 92 | 8 | K0 |
| 90 | 93 | 2 | A2 |
| 91 | 94 | 7 | B9 |
| 92 | 95 | 7 | B9 |
| 93 | 96 | 2 | K2 |
| 94 | 97 | 5 | A2 |
| 95 | ~~98~~ | 2 | F0 |
| 96 | | 3 | A0 |
| 97 | | 3 | K0 |

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1914phae..proj..21720



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 82 | +0 | 3731 | 17 | 302 | +0 | 51.7 | 9.3 ✓ |
| | 83 | +3 | 3469 | 17 | 33.0 | +3 | 18.9 | 8.8 ✓ |
| | 84 | +2 | 3369 | 17 | 31.5 | +2 | 27.3 | 9.1 ✓ |
| | 85 | +3 | 3464 | 17 | 31.8 | +3 | 31.3 | 9.3 ✓ |
| | 86 | +2 | 3385 | 17 | 35.3 | +2 | 49.6 | 9.0 ✓ |
| | 87 | +1 | 3477 | 17 | 31.8 | +1 | 33 | 9.3 ✓ |
| | 88 | +0 | 3742 | 17 | 31.5 | +0 | 39.2 | 9.1 ✓ |

Ident on cards by Ame. Jan. 11, 1915
Ident in Book by E. F. G. Jan. 15, 1915
Identification compared by G.R.B. Jan. 15, 1915

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ✓ | 89 | +3° | 3465 | 17 | 32.1 | +3 | 39 | 6.5 | 1 on B38464 |
| ✓ | 90 | +2 | 3316 | 17 | 18.6 | +2 | 27 | 9.0 | 47 on B39408 |
| ✓ | 91 | +1° | 3443 | 17 | 22.3 | +1 | 40 | 8.0 | 76 " B37767 |
| ✓ | 92 | +1° | 3440 | 17 | 21.8 | +1 | 4 | 7.8 | 75 " " |
| ✓ | 93 | +4° | 3421 | 17 | 19.3 | +4 | 25 | 8.6 | 62 " " |
| ✓ | 94 | +3° | 3397 | 17 | 16.8 | +3 | 13 | 8.5 | 57 " " |
| ✓ | 95 | +2° | 3295 | 17 | 12.3 | +2 | 43 | 8.6 | 45 " " |
| ✓ | 96 | +6° | 3422 | 17 | 20.4 | +6 | 38 | 8.8 | 152 " " |
| ✓ | 97 | +6° | 3405 | 17 | 16.7 | +6 | 13 | 9.0 | 156 " " |

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1914phae.proj.21720



Saturday, May 16, 1914.

~~B~~ I 37901 long

| | No. | Int. | class | Remark |
|---|---|---|---|---|
| 11.00 | 1 | 7 | B8 | |
| | 2 | 5 | B8 | |
| | 3 | 4 | a0 | |
| | 4 | 8 | a0 | |
| | 5 | 1 | F8 | |
| | 6 | 3 | a0 | |
| | 7 | 3 | a2 | |
| | 8 | 6 | a2 | |
| | 9 | 8 | Bq | |
| | 10 | 2 | g0 | |
| | 11 | 1 | a | |
| | 12 | 5 | Bq | |
| | 13 | 1 | K2 | |
| | 14 | 2 | K0 | The following of two. |
| | 15 | 9 | Bq | |
| | 16 | 1 | K0 | |
| | 17 | 2 | a0 | |
| | 18 | 1 | K2 | |
| | 19 | 2 | K2 | |
| | 20 | 7 | F2 | |
| | 21 | 2 | K0 | |
| | 22 | 5 | a0 | |
| | 23 | 3 | a0 | |
| | 24 | 3 | F2 | |
| | 25 | 1 | g5 | |
| | 26 | 4 | g0 | |
| | 27 | 2 | a2 | |

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1914phae..proj.21720



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | +12° | 3467 | 18 | 12.4 | +12 | 8.2 | 6.8 ✓ |
| 2 | +12° | 3469 | 18 | 12.5 | +12 | 28.9 | 7.3 ✓ |
| 3 | +11° | 3427 | 18 | 12.8 | +11 | 48.8 | 7.3 ✓ |
| 4 | +11° | 3442 | 18 | 15.8 | +11 | 58.1 | 6.0 ✓ |
| 5 | +13° | 3615 | 18 | 14.8 | +13 | 14.9 | 8.3 ✓ |
| 6 | +13° | 3612 | 18 | 14.4 | +13 | 45.0 | 7.8 ✓ |
| 7 | +14° | 3499 | 18 | 15.5 | +14 | 35.3 | 7.8 ✓ |
| 8 | +14° | 3506 | 18 | 16.3 | +14 | 56.2 | 7.1 ✓ |
| 9 | +14° | 3511 | 18 | 16.7 | +14 | 38.0 | 6.3 ✓ |
| 10 | +14° | 3518 | 18 | 17.2 | +14 | 50.1 | 7.5 ✓ |
| 11 | +14° | 3520 | 18 | 17.4 | +14 | 31.4 | 8.4 ✓ |
| 12 | +14° | 3524 | 18 | 18.4 | +14 | 4.1 | 7.8 ✓ |
| 13 | +13° | 3632 | 18 | 17.9 | +13 | 38.0 | 7.9 ✓ |
| 14 | +14° | 3531 | 18 | 19.0 | +14 | 40.5 | 7.8 ✓ |
| 15 | +14° | 3533 | 18 | 19.4 | +14 | 53.6 | 6.5 ✓ |
| 16 | +15° | 3467 | 18 | 20.4 | +15 | 4.2 | 8.4 ✓ |
| 17 | +15° | 3470 | 18 | 21.0 | +15 | 21.4 | 8.8 ✓ |
| 18 | +14° | 3542 | 18 | 21.3 | +14 | 37.1 | 8.3 ✓ |
| 19 | +14° | 3546 | 18 | 22.3 | +14 | 54.1 | 7.6 ✓ |
| 20 | +13° | 3658 | 18 | 22.8 | +13 | 46.0 | 6.8 ✓ |
| 21 | +13° | 3667 | 18 | 24.5 | +13 | 5.2 | 8.0 ✓ |
| 22 | +12° | 3557 | 18 | 23.9 | +12 | 31.0 | Var. ✓ |
| 23 | +12° | 3546 | 18 | 22.8 | +12 | 21.8 | 7.7 ✓ |
| 24 | +11° | 3481 | 18 | 22.8 | +11 | 49.4 | 8.0 ✓ |
| 25 | +11° | 3479 | 18 | 22.4 | +11 | 36.1 | 8.1 ✓ |
| 26 | +11° | 3478 | 18 | 22.3 | +11 | 33.5 | 7.7 ✓ |
| 27 | +11° | 3473 | 18 | 21.4 | +11 | 7.2 | 8.7 ✓ |

superposed at south-
3°
+18° 3668 magn. 9.0

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1914phae.proj.21722



Saturday May 16, 1901

1901 May 37

| No. | Dist. | Class | Remarks |
|---|---|---|---|
| 28 | 3 | Ao | |
| 29 | 4 | Ao | |
| 30 | 1 | Ar | |
| 31 | 4 | Ao | |
| 32 | 6 | Fo | |
| 33 | 4 | Ao | |
| 34 | 8 | Ao | |
| 35 | 5 | An | |
| 36 | 4 | Ao | |
| 37 | 5 | Ao | |
| 38 | 9 | Ao | |
| 39 | 7 | Ao | |
| 40 | 2 | B5 | |
| 41 | 4 | F5 | |
| 42 | 5 | B5 | |
| 43 | 3 | F8 | |
| 44 | 3 | F5 | |
| 45 | 3 | Ao | |
| 46 | 5 | Ko | |
| 47 | 8 | Ko | |
| 48 | 2 | Fo | |
| 49 | 3 | G5 | |
| 50 | 8 | Ao | |
| 51 | 4 | Ao | |
| 52 | 1 | G5 | |
| 53 | 2 | Ko | |
| 54 | 4 | F8 | |

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1914phae.proj.21726



| | | | | | | |
|---|---|---|---|---|---|---|
| 28 | +11° | 3466 | 18 | 20.4 | + 11 | 7.2 | 8.4 ✓ |
| 29 | +10° | 3498 | 18 | 17.3 | + 10 | 53.1 | 7.3 ✓ |
| 30 | +10° | 3526 | 18 | 22.1 | + 10 | 53.1 | 8.5 ✓ |
| 31 | +10° | 3528 | 18 | 22.4 | + 10 | 48.2 | 8.2 ✓ |
| 32 | +10° | 3532 | 18 | 23.1 | + 10 | 23.3 | 6.8 ✓ |
| 33 | +11° | 3487 | 18 | 23.5 | + 11 | 6.4 | 8.1 ✓ |
| 34 | +10° | 3573 | 18 | 28.0 | + 10 | 47.2 | 6.7 ✓ |
| 35 | +11° | 3518 | 18 | 29.2 | + 11 | 36.0 | 7.5 ✓ |
| 36 | +11° | 3521 | 18 | 29.4 | + 11 | 44.4 | 8.0 ✓ |
| 37 | +11° | 3523 | 18 | 29.4 | + 11 | 7.4 | 7.7 ✓ |
| 38 | +11° | 3530 | 18 | 30.4 | + 11 | 18.7 | 6.3 ✓ |
| 39 | +11° | 3531 | 18 | 30.6 | + 11 | 14.1 | 6.5 ✓ |
| 40 | +12° | 3604 | 18 | 30.6 | + 12 | 9.2 | 8.2 ✓ |
| 41 | +12° | 3598 | 18 | 29.9 | + 12 | 52.8 | 7.0 ✓ |
| 42 | +13° | 3677 | 18 | 25.5 | + 13 | 37.8 | 6.8 ✓ |
| 43 | +14° | 3574 | 18 | 27.6 | + 14 | 22.0 | 7.5 ✓ |
| 44 | +14° | 3577 | 18 | 28.3 | + 14 | 37.0 | 7.8 ✓ |
| 45 | +14° | 3580 | 18 | 28.5 | + 14 | 59.8 | 7.9 ✓ |
| 46 | +15° | 3518 | 18 | 30.2 | + 15 | 20.3 | 6.5 ✓ |
| 47 | +16° | 3563 | 18 | 30.6 | + 16 | 4.8 | 6.1 ✓ |
| 48 | +16° | 3569 | 18 | 31.7 | + 16 | 22.9 | 7.8 ✓ |
| 49 | +16° | 3572 | 18 | 32.1 | + 16 | 25.4 | 7.5 ✓ |
| 50 | +14° | 3603 | 18 | 32.0 | + 14 | 57.7 | 6.5 ✓ |
| 51 | +15° | 3525 | 18 | 31.6 | + 15 | 2.4 | 7.9 ✓ |
| 52 | +14° | 3599 | 18 | 31.5 | + 14 | 50.4 | 8.3 ✓ |
| 53 | +14° | 3596 | 18 | 30.9 | + 14 | 45.4 | 8.1 ✓ |
| 54 | +14° | 3602 | 18 | 31.8 | + 14 | 15.9 | 7.5 ✓ |

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1914phae.proj.21720



Saturday May 16, 1914

f f d 37901

| No. | Dist. | class | Remark. |
|---|---|---|---|
| 55 | 5 | a2 | |
| 56 | 8 | a0 | |
| 57 | 7 | a0 | |
| 58 | 2 | f5 | |
| 59 | 7 | a2 | |
| 60 | 2 | a5 | |
| 61 | 2 | f5 | |
| 62 | 6 | a0 | |
| 63 | 4 | a3 | |
| 64 | 5- | a0 | E |
| 65 | 3 | K5 | E |
| 66 | 10+ | a0 | E |
| 67 | 3 | K0 | |
| 68 | 7 | g0 | |
| 69 | 5 | f5 | |
| 70 | 2 | a3 | |
| 71 | 10 | a0 | |
| 72 | 4 | K0 | |
| 73 | 4 | a2 | |
| 74 | 3 | a0 | |
| 75 | 7 | B9 | |
| 76 | 8 | K0 | |
| 77 | 6 | K0 | |
| 78 | 2 | K0 | |
| 79 | 3 | g5 | |
| 80 | 5 | B9 | |
| 81 | 4 | f2 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae..proj.21720



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 55 | +14° | 3606 | 18 | 33.3 | +14 | 57.8 | 6.9 ✓ |
| 56 | +15° | 3537 | 18 | 36.1 | +15 | 4.0 | 6.3 ✓ |
| 57 | +14° | 3615 | 18 | 36.2 | +14 | 42.6 | 6.9 ✓ |
| 58 | +15° | 3543 | 18 | 38.1 | +15 | 28.7 | 8.5 ✓ |
| 59 | +16° | 3546 | 18 | 39.1 | +15 | 34.5 | 6.5 ✓ |
| 60 | +16° | 3594 | 18 | 36.9 | +16 | 3.2 | 7.8 ✓ |
| 61 | +16° | 3593 | 18 | 36.6 | +16 | 29.9 | 7.5 ✓ |
| 62 | +17° | 3701 | 18 | 36.9 | +17 | 21.0 | 7.2 ✓ |
| 63 | +17° | 3713 | 18 | 38.9 | +17 | 34.9 | 7.3 ✓ |
| 64 | +18° | 3814 | 18 | 39.7 | +18 | 19.7 | 6.9 ✓ |
| 65 | +18° | 3817 | 18 | 40.3 | +18 | 33.0 | 6.4 ✓ |
| 66 | +18° | 3823 | 18 | 40.6 | +18 | 1.6 | 4.1 ✓ |
| 67 | +17° | 3679 | 18 | 33.5 | +17 | 28.3 | 7.7 ✓ |
| 68 | +16° | 3560 | 18 | 29.4 | +16 | 52.2 | 6.3 ✓ |
| 69 | +17° | 3627 | 18 | 27.4 | +17 | 37.3 | 7.5 ✓ |
| 70 | +17° | 3617 | 18 | 26.0 | +17 | 10.6 | 8.4 ✓ |
| 71 | +16° | 3529 | 18 | 24.6 | +15 6 | 49.9 | 5.6 ✓ |
| 72 | +15° | 3483 | 18 | 23.5 | +15 | 50.8 | 6.8 ✓ |
| 73 | +17° | 3601 | 18 | 23.4 | +17 | 36.8 | 7.7 ✓ |
| 74 | +17° | 3598 | 18 | 23.2 | +17 | 55.1 | 8.0 ✓ |
| 75 | +17° | 3595 | 18 | 23.0 | +17 | 53.4 | 6.5 ✓ |
| 76 | +17° | 3555 | 18 | 16.4 | +17 | 45.0 | 5.2 ✓ |
| 77 | +16° | 3478 | 18 | 16.6 | +16 | 37.1 | 6.5 ✓ |
| 78 | +16° | 3472 | 18 | 15.3 | +16 | 4.5 | 7.6 ✓ |
| 79 | +15° | 3439 | 18 | 15.3 | +15 | 34.0 | 7.7 ✓ |
| 80 | +15° | 3453 | 18 | 17.8 | +15 | 34.6 | 7.3 ✓ |
| 81 | +15° | 3463 | 18 | 19.5 | +15 | 40.6 | 7.2 ✓ |

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1914phae.proj.21720



Saturday May 16, 1914

Δ 37901 long

| No. | Int. | Class | Remark |
|---|---|---|---|
| 82 | 2 | F2 | |
| ~~H.T.O~~ 83 | 7 | A0 | E |
| 84 | 2 | Ma | E |
| 85 | 3 | K0 | |
| 86 | 2 | A2 | |
| 87 | 5 | A0 | |
| 88 | 7 | A0 | |
| 89 | 1 | K0 | |
| 90 | 1 | K5 | |
| 91 | 4 | K5 | |
| 92 | 6 | A2 | |
| 93 | 3 | K0 | |
| 94 | 4 | Rg | |
| 95 | 2 | A0 | |
| 96 | 2 | K5 | |
| 97 | 7 | A0 | |
| 98 | 2 | A2 | |
| 99 | 3 | K2 | |
| 100 | 1 | F | |
| 101 | 4 | A0 | |
| 102 | 3 | A0 | |
| 103 | 5 | A0 | Auxiliar star shows on fol. side |
| 11.15 104 | 5 | A2 | E |
| 105 | 1 | K5 | Auxiliar star supp. n. p. K5 |
| 106 | 1 | K5 | |

cmta. 138, 120

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 82 | +15° | 3432 | 18 | 14.0 | + 15 | 21.7 | 8.1 ✓ |
| 83 | +18° | 3623 | 18 | 11.8 | + 18 | 4.9 | 6.4 ✓ |
| 84 | +17° | 3520 | 18 | 11.5 | + 17 | 55.0 | 7.6 ✓ |
| 85 | +13° | 3707 | 18 | 33.7 | + 13 | 14.4 | 7.6 ✓ |
| 86 | +12° | 3622 | 18 | 34.8 | + 12 | 50.5 | 7.7 ✓ |
| 87 | +13° | 3713 | 18 | 36.2 | + 13 | 25.6 | 7.5 ✓ |
| 88 | +11° | 3553 | 18 | 33.6 | + 11 | 56.8 | 6.7 ✓ |
| 89 | +12° | 3614 | 18 | 34.1 | + 12 | 5.7 | 7.9 ✓ |
| 90 | +12° | 3618 | 18 | 34.4 | + 12 | 4.9 | 7.6 ✓ |
| 91 | +12° | 3619 | 18 | 34.7 | + 12 | 6.6 | 6.5 ✓ |
| 92 | +12° | 3623 | 18 | 35.1 | + 12 | 7.3 | 6.7 ✓ |
| 93 | +11° | 3564 | 18 | 35.3 | + 11 | 37.7 | 8.0 ✓ |
| 94 | +10° | 3617 | 18 | 33.9 | + 10 | 49.8 | 7.5 ✓ |
| 95 | +10° | 3608 | 18 | 32.3 | + 10 | 54.0 | 7.9 ✓ |
| 96 | +10° | 3633 | 18 | 37.0 | + 10 | 45.6 | 6.8 ✓ |
| 97 | +11° | 3592 | 18 | 39.0 | + 11 | 20.8 | 6.7 ✓ |
| 98 | +11° | 3583 | 18 | 37.4 | + 11 | 41.7 | 8.2 ✓ |
| 99 | +12° | 3631 | 18 | 37.2 | + 12 | 1.7 | 6.7 ✓ |
| 100 | +13° | 3722 | 18 | 37.2 | + 13 | 2.9 | 8.2 ✓ |
| 101 | +12° | 3651 | 18 | 40.1 | + 12 | 24.8 | 7.5 ✓ |
| 102 | +12° | 3653 | 18 | 40.3 | + 12 | 21.8 | 8.0 ✓ |
| 103 | +11° | 3608 | 18 | 41.1 | + 11 | 0.6 | 7.5 +10° 3660 magn. 8.6 |
| 104 | +11° | 3630 | 18 | 43.5 | + 11 | 21.3 | 7.3 ✓ |

reprojected on fol. pict.

Identified on cards by M.A.H. Sept. 8, 1914

Identified in Book by A.M.C. Sept. 8, 1914

reprojected as north-

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ✓ 105 | +15° | 3443 | 18 | 16.2 | + 15 | 43.0 | 7.6 +15° 3442 magn. 8.0 |
| ✓ 106 | +16 | 3611 | 18 | 40.6 | + 16 | 22 | 7.8 125° on 37202 |

Identification compared by S.R.B.

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1914phae.proj.21720



Saturday May 16. 1914

B 14170 short

| | No. | Det. | Class | Remark |
|---|---|---|---|---|
| 11.30 | ✓ 1 | 4 | $g_{20}$ | |
| | ✓ 2 | 2 | K5 | |
| | ✓ 3 | 5 | $a_0$ | |
| | ✓ 4 | 4 | K2 | |
| | ✓ 5 | 5 | $a_0$ | |
| | ✓ 6 | 3 | K5 | |
| | ✓ 7 | 3 | K5 | |
| | ✓ 8 | 7 | $a_3$ | |
| | ✓ 9 | 4 | $a_0$ | |
| | ✓ 10 | 5 | $a_2$ | |
| | ✓ 11 | 5 | $a_2$ | |
| | ✓ 12 | 7 | $a_0$ | |
| | ✓ 13 | 1 | K | |
| | ✓ 14 | 1 | $a_3$ | |
| | ✓ 15 | 5 | $a_2$ | |
| | ✓ 16 | 1 | K2 | |
| | ✓ 17 | 2 | K2 | |
| | ✓ 18 | 7 | $a_0$ | |
| | ✓ 19 | 2 | $a_2$ | |
| | ✓ 20 | 6 | $f_0$ | |
| | ✓ 21 | 4 (3) | $f_0$ | |
| | ✓ 22 | 2 | K5 | — |
| | ✓ 23 | 4 | $a_0$ | |
| | ✓ 24 | 2 | $a_0$ | |
| | ✓ 25 | 3 | $g_0$ | |
| | ✓ 26 | 3 | $a_2$ | |
| | ✓ 27 | 1 | $g_5$ | |

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1914phae..proj..21726



| | | | | | | |
|---|---|---|---|---|---|---|
| 1 | +10° | 3473 | 18 | 12.8 | +10 | 13 | 7.8 ✓ |
| 2 | +10° | 3479 | 18 | 13.8 | +10 | 3 | 7.4 ✓ |
| 3 | +9° | 3680 | 18 | 15.6 | +9 | 53 | 8.1 ✓ |
| 4 | +9° | 3682 | 18 | 15.9 | +9 | 42 | 8.0 ✓ |
| 5 | +9° | 3691 | 18 | 17.1 | +9 | 48 | 8.3 ✓ |
| 6 | +10° | 3504 | 18 | 17.8 | +10 | 6 | 8.0 ✓ |
| 7 | +9° | 3699 | 18 | 18.1 | +9 | 39 | 8.0 ✓ |
| 8 | +9° | 3705 | 18 | 19.0 | +9 | 56 | 8.4 ✓ |
| 9 | +10° | 3509 | 18 | 19.1 | +10 | 4 | 8.4 ✓ |
| 10 | +9° | 3710 | 18 | 19.7 | +9 | 58 | 8.5 ✓ |
| 11 | +10° | 3512 | 18 | 19.7 | +10 | 19 | 8.4 ✓ |
| 12 | +9° | 3711 | 18 | 19.7 | +9 | 37 | 8.5 ✓ |
| 13 | +9° | 3713 | 18 | 19.9 | +9 | 51 | 9.0 ✓ |
| 14 | +9° | 3715 | 18 | 20.1 | +9 | 51 | 9.5 ✓ |
| 15 | +9° | 3720 | 18 | 20.8 | +9 | 46 | 8.6 ✓ |
| 16 | +9° | 3726 | 18 | 21.7 | +9 | 54 | 8.9 ✓ |
| 17 | +10° | 3525 | 18 | 22.1 | +10 | 7 | 8.6 ✓ |
| 18 | +9° | 3729 | 18 | 22.2 | +9 | 36 | 8.2 ✓ |
| 19 | +9° | 3733 | 18 | 22.4 | +9 | 35 | 9.3 ✓ +9° 3734 sup. 9.0 |
| 20 | +9° | 3740 | 18 | 23.1 | +9 | 44 | 8.4 ✓ |
| 21 | +9° | 3742 | 18 | 23.3 | +9 | 53 | 8.7 ✓ |
| 22 | +9° | 3744 | 18 | 23.5 | ~~+9~~ +10 | 0 | 8.2 ✓ |
| 23 | +9° | 3748 | 18 | 24.1 | +9 | 54 | 8.9 ✓ |
| 24 | +9° | 3752 | 18 | 24.4 | +9 | 57 | 9.2 ✓ |
| 25 | +9° | 3754 | 18 | 24.8 | +9 | 45 | 9.0 ✓ |
| 26 | +10° | 3542 | 18 | 24.7 | +10 | 18 | 9.0 ✓ |
| 27 | +10° | 3545 | 18 | 25.0 | +10 | 26 | 9.1 ✓ |

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1914phae.proj.21720



Saturday May 16, 1914

B1417's shot

| No. | Dur. | class | Remark. |
|---|---|---|---|
| ✓ 28 | 3 | K2 | |
| ✓ 29 | 1 | a2 | |
| ✓ 30 | 4 | a0 | |
| ✓ 31 | 2 | a0 | |
| ✓ 32 | 2 | f5 | |
| ✓ 33 | 3 | f5 | |
| ✓ 34 | 3 | a0 | |
| ✓ 35 | 3 | f8 | the following of two. |
| ✓ 36 | 4 | a0 | |
| ✓ 37 | 3 | K2 | |
| ✓ 38 | 6 | B8 | |
| ✓ 39 | 6 | a0 | |
| ✓ 40 | 3 | a0 | |
| ✓ 41 | 3 | a5 | |
| ✓ 42 | 5 | B9 | |
| ✓ 43 | 3 | A5 | |
| ✓ 44 | 4 | f5 | E |
| ✓ 45 | 3 | a0 | E |
| ✓ 46 | 1 | a | E |
| ✓ 47 | 1 | K2 | |
| ✓ 48 | 2 | f5 | |
| ✓ 49 | 1 | K2 | |
| ✓ 50 | 5 | B9 | |
| ✓ 51 | 3 | a0 | |
| ✓ 52 | 4 | B9 | |
| ✓ 53 | 2 | f0 | |
| ✓ 54 | 4 | A2 | |

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1914phae..proj..21726



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 28 | +10° | 3544 | 18 | 25.0 | +10 | 38 | 8.4 ✓ |
| 29 | +10° | 3547 | 18 | 25.2 | +10 | 38 | 9.3 ✓ |
| 30 | +11° | 3493 | 18 | 24.4 | +11 | 19 | 9.0 ✓ |
| 31 | +11° | 3489 | 18 | 24.2 | +11 | 19 | 9.1 ✓ |
| 32 | +11° | 3474 | 18 | 21.6 | +11 | 9 | 8.7 ✓ |
| 33 | +11° | 3465 | 18 | 20.1 | +11 | 26 | 8.5 ✓ +11° 3464 sup. 9.5 |
| 34 | +11° | 3461 | 18 | 19.3 | +11 | 1 | 9.1 ✓ |
| 35 | +11° | 3456 | 18 | 18.5 | +11 | 1 | 8.7 ✓ |
| 36 | +10° | 3495 | 18 | 17.1 | +10 | 49 | 8.8 ✓ |
| 37 | +11° | 3446 | 18 | 16.6 | +11 | 17 | 8.6 ✓ |
| 38 | +10° | 3564 | 18 | 27.0 | +10 | 20 | 8.3 ✓ |
| 39 | +10° | 3568 | 18 | 27.3 | +10 | 15 | 8.7 ✓ |
| 40 | +10° | 3570 | 18 | 27.5 | +10 | 24 | 8.8 ✓ |
| 41 | +10° | 3571 | 18 | 27.5 | +10 | 54 | 9.0 ✓ |
| 42 | +11° | 3510 | 18 | 27.4 | +11 | 16 | 8.5 ✓ |
| 43 | +11° | 3513 | 18 | 28.2 | +11 | 20 | 8.8 ✓ |
| 44 | +12° | 3581 | 18 | 27.9 | +12 | 26 | 8.0 ✓ |
| 45 | +12° | 3568 | 18 | 25.4 | +12 | 15 | 8.6 ✓ |
| 46 | +11° | 3494 | 18 | 24.8 | +11 | 57 | 8.8 ✓ |
| 47 | +11° | 3502 | 18 | 26.0 | +11 | 32 | 8.8 ✓ |
| 48 | +11° | 3504 | 18 | 26.0 | +11 | 42 | 8.8 ✓ |
| 49 | +11° | 3508 | 18 | 26.8 | +11 | 26 | 9.2 ✓ +11° 3507 sup. 9.5 |
| 50 | +11° | 3519 | 18 | 29.3 | +11 | 10 | 8.3 ✓ |
| 51 | +10° | 3585 | 18 | 29.8 | +10 | 59 | 9.0 ✓ |
| 52 | +10° | 3584 | 18 | 29.7 | +10 | 40 | 9.0 ✓ |
| 53 | +10° | 3580 | 18 | 29.6 | +10 | 10 | 9.0 ✓ |
| 54 | +10° | 3588 | 18 | 30.2 | +10 | 9 | 9.0 ✓ |

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1914phae.proj.21720



Saturday May 16, 1914

B14170 photo

| No. | Qut. | class | Remark. |
|---|---|---|---|
| ✓ 55 | 4 | a0 | |
| ✓ 56 | 6 | a2 | |
| ✓ 57 | 4 | a2 | |
| ✓ 58 | 3 | a0 | |
| ✓ 59 | 1 | K5 | |
| ✓ 60 | 4 | a5 | |
| ✓ 61 | 4 | a0 | |
| ✓ 62 | 3 | K2 | |
| ✓ 63 | 3 | F5 | |
| ✓ 64 | 1 | K0 | |
| ✓ 65 | 5 | M1 | |
| ✓ 66 | 5 | F0 | |
| ✓ 67 | 4 | F5 | Partly super on 66 |
| ✓ 68 | 4 | a5 | |
| ✓ 69 | 2+ | b5 | |
| ✓ 70 | 1 | K2 | |
| ✓ 71 | 3 | G5 | |
| ✓ 72 | 1 | K2 | |
| ✓ 73 | 4 | a3 | |
| ✓ 74 | 4 | K2 | |
| ✓ 75 | 10 | F2 | |
| ✓ 76 | 5 | a3 | |
| ✓ 77 | 2 | B9 | |
| ✓ 78 | 3 | a2 | |
| ✓ 79 | 3 | F5 | |
| ✓ 80 | 4 | F0 | |
| ✓ 81 | 10 | B8 | |

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1914phae.proj.21720



| | | | | | | |
|---|---|---|---|---|---|---|
| 55 | +10° | 3594 | 18 | 30.6 | +10 | 15 | 9.3 ✓ |
| 56 | +10° | 3599 | 18 | 31.4 | +10 | 25 | 8.6 ✓ |
| 57 | +11° | 3528 | 18 | 30.3 | +11 | 33 | 8.5 ✓ |
| 58 | +11° | 3532 | 18 | 30.7 | +11 | 33 | 8.6 ✓ |
| 59 | +11° | 3534 | 18 | 31.1 | +11 | 20 | 8.7 ✓ |
| 60 | +11° | 3539 | 18 | 31.9 | +11 | 24 | 8.7 ✓ |
| 61 | +11° | 3545 | 18 | 32.8 | +11 | 15 | 8.9 ✓ |
| 62 | +11° | 3548 | 18 | 32.9 | +11 | 44 | 8.0 ✓ |
| 63 | +11° | 3546 | 18 | 32.8 | +11 | 39 | 9.0 ✓ |
| 64 | +11° | 3547 | 18 | 32.8 | +11 | 26 | 8.7 ✓ |
| 65 | +9° | 3809 | 18 | 33.1 | +9 | 51 | 8.6 ✓ |
| 66 | +9° | 3816 | 18 | 33.5 | +9 | 34 | 8.5 ✓ |
| 67 | +9° | 3814 | 18 | 33.4 | +9 | 34 | 8.5 ✓ |
| 68 | +9° | 3802 | 18 | 32.2 | +9 | 44 | 9.0 ✓ |
| 69 | +9° | 3799 | 18 | 31.7 | +9 | 40 | 9.1 ✓ |
| 70 | +9° | 3792 | 18 | 31.2 | +9 | 47 | 8.8 ✓ |
| 71 | +9° | 3794 | 18 | 31.2 | +9 | 41 | 8.4 ✓ |
| 72 | +9° | 3793 | 18 | 31.2 | +9 | 12 | 9.0 ✓ |
| 73 | +9° | 3791 | 18 | 30.9 | +9 | 6 | 9.0 ✓ |
| 74 | +9° | 3789 | 18 | 30.5 | +9 | 8 | 8.5 ✓ |
| 75 | +9° | 3783 | 18 | 29.5 | +9 | 1 | 5.3 ✓ |
| 76 | +9° | 3780 | 18 | 29.3 | +9 | 12 | 8.8 ✓ |
| 77 | +9° | 3779 | 18 | 29.2 | +9 | 5 | 9.0 ✓ |
| 78 | +8° | 3762 | 18 | 29.0 | +8 | 50 | 9.1 ✓ |
| 79 | +8° | 3756 | 18 | 28.0 | +8 | 53 | 9.1 ✓ |
| 80 | +8° | 3749 | 18 | 27.4 | +8 | 52 | 9.2 ✓ |
| 81 | +8° | 3741 | 18 | 26.4 | +8 | 10 | 6.2 ✓ |

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1914phae.proj.21720



Saturday May 16, 1914

B1470 short

| | No. | Int. | Class | Remark. |
|---|---|---|---|---|
| ✓ | 82 | 5 | A0 | |
| ✓ | 83 | 2 | A0 | |
| ✓ | 84 | 1 | F5 | |
| ✓ | 85 | 1 | G0 | |
| ✓ | 86 | 2 | A0 | |
| ✓ | 87 | 2 | A2 | |
| ✓ | 88 | 1 | K2 | |
| ✓ | 89 | 2 | K0 | |
| ✓ | 90 | 2 | A0 | |
| ~~H.40~~ ✓ | 91 | 2 | K5 | |
| ✓ | 92 | 2 | K5 | |
| ✓ | 93 | 2 | F8 | |
| ✓ | 94 | 3 | A0 | |
| ✓ | 95 | 2 | K2 | Partly superp. on 94. |
| ✓ | 96 | 1 | K5 | |
| ✓ | 97 | 1 | F5 | |
| ✓ | 98 | 3 | G0 | |
| ✓ | 99 | 5 | A3 | |
| ✓ | 100 | 3 | K2 | |
| ✓ | 101 | 2 | G0 | |
| ✓ | 102 | 1 | A2 | |
| ✓ | 103 | 3 | K5 | |
| ✓ | 104 | 2 | K5 | |
| ✓ | 105 | 2 | F8 | |
| ✓ | 106 | 2 | K2 | |
| ✓ | 107 | 1 | G5 | |
| ✓ | 108 | 2 | K2 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae..proj.21720



| | | | | | | |
|---|---|---|---|---|---|---|
| 82 | +8° | 3729 | 18 | 24.4 | +8 | 51 | 8.9 ✓ |
| 83 | +8° | 3726 | 18 | 24.2 | +8 | 50 | 9.0 ✓ |
| 84 | +9° | 3745 | 18 | 23.9 | +9 | 7 | 9.3 ✓ |
| 85 | +9° | 3746 | 18 | 24.0 | +9 | 18 | 9.2 ✓ |
| 86 | +9° | 3751 | 18 | 24.4 | +9 | 26 | 9.3 ✓ |
| 87 | +9° | 3749 | 18 | 24.3 | +9 | 6 | 9.5 ✓ |
| 88 | +8° | 3732 | 18 | 24.9 | +8 | 55 | 9.0 ✓ |
| 89 | +9° | 3759 | 18 | 25.5 | +9 | 15 | 8.7 ✓ |
| 90 | +9° | 3765 | 18 | 26.3 | +9 | 7 | 9.1 ✓ |
| 91 | +8° | 3743 | 18 | 26.5 | +8 | 59 | 8.7 ✓ |
| 92 | +9° | 3775 | 18 | 28.1 | +9 | 39 | 9.0 ✓ |
| 93 | +9° | 3776 | 18 | 28.3 | +9 | 56 | 8.8 ✓ |
| 94 | +9° | 3760 | 18 | 25.5 | +9 | 55 | 9.2 ✓ |
| 95 | +9° | 3758 | 18 | 25.4 | +9 | 54 | 8.6 ✓ |
| 96 | +9° | 3743 | 18 | 23.5 | +9 | 34 | 9.1 ✓ |
| 97 | +9° | 3737 | 18 | 23.0 | +9 | 7 | 7.6 ✓ |
| 98 | +8° | 3718 | 18 | 23.1 | +8 | 52 | 8.3 ✓ |
| 99 | +8° | 3723 | 18 | 23.3 | +8 | 46 | 8.7 ✓ |
| 100 | +8° | 3713 | 18 | 22.6 | +8 | 58 | 8.7 ✓ |
| 101 | +9° | 3730 | 18 | 22.2 | +9 | 5 | 9.0 ✓ |
| 102 | +8° | 3710 | 18 | 22.3 | +8 | 49 | 9.3 ✓ |
| 103 | +9° | 3727 | 18 | 21.8 | +9 | 7 | 8.3 ✓ |
| 104 | +9° | 3721 | 18 | 21.3 | +9 | 6 | 8.6 ✓ |
| 105 | +8° | 3707 | 18 | 21.5 | +8 | 45 | 9.1 ✓ |
| 106 | +8° | 3705 | 18 | 21.3 | +8 | 43 | 8.7 ✓ |
| 107 | +9° | 3714 | 18 | 20.1 | +9 | 8 | 7.6 ✓ |
| 108 | +9° | 3707 | 18 | 19.2 | +9 | 13 | 8.5 ✓ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



Monday May 18, 1914
B4170 Shot

9.27

| No. | Int. | Class | Remark |
|---|---|---|---|
| ✓ 109 | 1 | Ko | |
| ✓ 110 | 6 | G5 | |
| ✓ 111 | 4 | G5 | |
| ✓ 112 | 2 | Ko | |
| ✓ 113 | 1 | K5 | |
| ✓ 114 | 3 | G5 | |
| ✓ 115 | 3 | A2 | |
| ✓ 116 | 9 | comp. | Br = G0 Fr = A3 |
| ✓ 117 | 2 | G0 | |
| ✓ 118 | 5 | G5 | |
| ✓ 119 | 7 | B8 | |
| ✓ 120 | 5 | A2 | |
| ✓ 121 | 3 | K5 | |
| ✓ 122 | 2 | G0 | |
| ✓ 123 | 1 | A2 | |
| ✓ 124 | 1 | A0 | |
| ✓ 125 | 2 | A0 | |
| ✓ 126 | 3 | A2 | |
| ✓ 127 | 5 | G5 | |
| ✓ 128 | 4 | K5 | |
| ✓ 129 | 5 | A0 | |
| ✓ 130 | 2 | A0 | |
| ✓ 131 | 6 | G0 | |
| ✓ 132 | 2 | A2 | Partly sup. on 131 |
| ✓ 133 | 1 | A2 | Another star sup. n.f. |
| ✓ 134 | 8 | B8 | |
| ✓ 135 | 4 | G0 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae..proj.21720



| | | | | | | |
|---|---|---|---|---|---|---|
| 109 | +8° | 3691 | 18 | 19.4 | +8 | 47 | 9.0 ✓ |
| 110 | +8° | 3689 | 18 | 19.3 | +8 | 43 | 8.0 ✓ |
| 111 | +8° | 3692 | 18 | 19.5 | +8 | 33 | 8.5 ✓ |
| 112 | +8° | 3690 | 18 | 19.4 | +8 | 23 | 8.7 ✓ |
| 113 | +8° | 3697 | 18 | 19.9 | +8 | 7 | 8.8 ✓ |
| 114 | +8° | 3696 | 18 | 19.8 | +8 | 1 | 8.8 ✓ |
| 115 | +7° | 3691 | 18 | 19.7 | +7 | 55 | 8.9 ✓ |
| 116 | +7° | 3682 | 18 | 18.7 | +7 | 57 | 5.8 ✓ |
| 117 | +7° | 3689 | 18 | 19.5 | +7 | 36 | 8.7 ✓ |
| 118 | +7° | 3690 | 18 | 19.7 | +7 | 23 | 8.7 ✓ |
| 119 | +7° | 3694 | 18 | 20.0 | +7 | 39 | 8.0 ✓ |
| 120 | +7° | 3697 | 18 | 20.6 | +7 | 58 | 8.5 ✓ |
| 121 | +7° | 3702 | 18 | 21.2 | +7 | 52 | 7.7 ✓ |
| 122 | +8° | 3708 | 18 | 22.0 | +8 | 25 | 9.1 ✓ |
| 123 | +8° | 3701 | 18 | 20.6 | +8 | 43 | 9.3 ✓ |
| 124 | +8° | 3700 | 18 | 20.4 | +8 | 56 | 9.2 ✓ |
| 125 | +8° | 3709 | 18 | 22.2 | +8 | 11 | 9.2 ✓ |
| 126 | +8° | 3712 | 18 | 22.5 | +8 | 7 | 9.0 ✓ |
| 127 | +8° | 3721 | 18 | 23.2 | +8 | 6 | 8.5 ✓ +8° 3722 sup. 9.2 |
| 128 | +7° | 3724 | 18 | 23.9 | +7 | 59 | 7.6 ✓ |
| 129 | +7° | 3721 | 18 | 23.9 | +7 | 50 | 8.5 ✓ |
| 130 | +7° | 3719 | 18 | 23.4 | +7 | 26 | 9.0 ✓ |
| 131 | +7° | 3729 | 18 | 24.5 | +7 | 56 | 7.5 ✓ |
| 132 | +7° | 3728 | 18 | 24.4 | +7 | 53 | 9.2 ✓ |
| 133 | +8° | 3727 | 18 | 24.3 | +8 | 10 | 9.3 ✓ +8° 3728 sup 9.5 |
| 134 | +7° | 3730 | 18 | 24.7 | +7 | 8 | 7.5 ✓ |
| 135 | +6° | 3833 | 18 | 25.2 | +6 | 51 | 8.3 ✓ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



Monday May 18, 1914
B 14 170 short

| No. | Int. | Class | Remarks |
|---|---|---|---|
| ✓ 136 | 8 | F5 | |
| ✓ 137 | 2 | F5 | |
| ✓ 138 | 7 | B9 | |
| ✓ 139 | 3 | A5 | |
| ✓ 140 | 1 | A0 | |
| ✓ 141 | 7 | A2 | |
| ✓ 142 | 1 | A0 | |
| ✓ 143 | 6 | A0 | |
| ✓ 144 | 3 | A0 | |
| ✓ 145 | 1 | G | Partly sup. on 144 |
| ✓ 146 | 4 | B5 | |
| ✓ 147 | 7 | F5 | |
| ✓ 148 | 2 | K0 | |
| ✓ 149 | 4 | A2 | |
| ✓ 150 | 3 | K2 | |
| ✓ 151 | 1 | A0 | |
| ✓ 152 | 1 | A | |
| ✓ 153 | 2 | A2 | |
| ✓ 154 | 4 | A2 | |
| ✓ 155 | 5 | A3 | |
| ✓ 156 | 5 | A3 | |
| ✓ 157 | 1 | A3 | Tail of 156. |
| ✓ 158 | 6 | B9 | |
| ✓ 159 | 3 | A2 | |
| ✓ 160 | 4 | A3 | Partly sup. on 161 |
| ✓ 161 | 8 | A0 | Curved star of same class sup. at South. |
| ✓ 162 | 3 | A | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 136 | +6° | 3829 | 18 | 25.0 | +6 | 41 | 7.2 ✓ |
| 137 | +6° | 3827 | 18 | 24.6 | +6 | 20 | 8.9 ✓ |
| 138 | +6° | 3824 | 18 | 24.4 | +6 | 22 | 8.0 ✓ |
| 139 | +6° | 3820 | 18 | 24.1 | +6 | 20 | 9.2 ✓ |
| 140 | +5° | 3775 | 18 | 24.6 | +5 | 50 | 9.2 ✓ |
| 141 | +5° | 3772 | 18 | 23.9 | +5 | 39 | 7.8 ✓ |
| 142 | +6° | 3817 | 18 | 22.8 | +6 | 8 | 9.1 ✓ |
| 143 | +6° | 3816 | 18 | 22.8 | +6 | 40 | 8.0 ✓ |
| 144 | +6° | 3811 | 18 | 22.3 | +6 | 46 | 8.9 ✓ |
| 145 | +6° | 3809 | 18 | 22.2 | +6 | 42 | 9.3 ✓ |
| 146 | +6° | 3804 | 18 | 21.6 | +6 | 42 | 8.7 ✓ |
| 147 | +6° | 3797 | 18 | 21.3 | +6 | 45 | 8.5 ✓ |
| 148 | +6° | 3798 | 18 | 21.3 | +6 | 38 | 9.0 ✓ |
| 149 | +6° | 3799 | 18 | 21.3 | +6 | 20 | 9.0 ✓ |
| 150 | +6° | 3788 | 18 | 20.8 | +6 | 31 | 8.7 ✓ |
| 151 | +6° | 3784 | 18 | 20.7 | +6 | 38 | 9.5 ✓ |
| 152 | +6° | 3781 | 18 | 20.6 | +6 | 34 | 9.2 ✓ |
| 153 | +6° | 3778 | 18 | 20.4 | +6 | 30 | 9.0 ✓ |
| 154 | +6° | 3786 | 18 | 20.7 | +6 | 22 | 9.2 ✓ |
| 155 | +6° | 3782 | 18 | 20.6 | +6 | 26 | 8.7 ✓ |
| 156 | +6° | 3780 | 18 | 20.5 | +6 | 28 | 8.6 ✓ |
| 157 | +6° | 3784 → 3780 | 18 | 20.7 → 20.5 | +6 | 38 → 28 | 9.5 → 8.6 ✓ |
| 158 | +6° | 3772 | 18 | 20.2 | +6 | 26 | 8.5 ✓ |
| 159 | +6° | 3769 | 18 | 20.0 | +6 | 27 | 8.6 ✓ |
| 160 | +6° | 3763 | 18 | 19.8 | +6 | 24 | 8.6 ✓ |
| 161 | +6° | 3762 | 18 | 19.8 | +6 | 21 | 8.4 ✓ +6° 3761 sup. 9.0 |
| 162 | +6° | 3765 → 3766 | 18 | 19.9 → 20.0 | +6 | 20 → 21 | 9.2 9.2 |

+6° 3765 9.2 and another star north following (not in Cat) This might be identified as the star north of this dble. which is not a star and is superposed.

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1914phae.proj.21720



Monday May 18, 1914

B-H+170 short

| | No. | Int. | Class | Remark |
|---|---|---|---|---|
| ✓ | 163 | 3 | A0 | |
| ✓ | 164 | 3 | comp? | Partly sup. on 163 |
| ✓ | 165 | 5 | K0 | |
| ✓ | 166 | 1 | A | Partly sup on 165 |
| ✓ | 167 | 3 | A2 | |
| ✓ | 168 | 6 | F5 | |
| ✓ | 169 | 14 | A0 | Another star sup at north |
| ✓ | 170 | 2 | A0 | |
| ✓ | 171 | 3 | A2 | |
| ✓ | 172 | 7 | B9 | |
| ✓ | 173 | 1 | K2 | |
| ✓ | 174 | 1 | K2 | |
| ✓ | 175 | 2 | A0 | |
| ✓ | 176 | 7 | F2 | |
| ✓ | 177 | 8 | A2 | |
| ✓ | 178 | 3 | A1 | |
| ✓ | 179 | 8 | G0 | |
| ✓ | 180 | 3 | G0 | |
| ✓ | 181 | 1 | K2 | |
| ✓ | 182 | 1 | G0 | |
| ✓ | 183 | 1 | A2 | |
| ✓ | 184 | 3 | A2 | |
| ✓ | 185 | 5 | A0 | |
| ✓ | 186 | 3 | A2 | Another star sup. ? |
| ✓ | 187 | 2+ | K2 | |
| ✓ | 188 | 4 | F5 | |
| ✓ | 189 | 7 | G0 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae..proj..21720



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 163 | +6° | 3757 | 18 | 19.6 | +6 | 27 | 9.2 ✓ +6° 3757 9.2 (Tr. 164) |
| 164 | +6° | 3756 | 18 | 19.5 | +6 | 27 | 8.7 +6° 3755 sup. 9.4 |
| 165 | +6° | 3773 | 18 | 20.2 | +6 | 55 | 7.7 ✓ |
| 166 | +6° | 3770 | 18 | 20.1 | +6 | 57 | 9.2 ✓ |
| 167 | +7° | 3693 | 18 | 19.9 | +7 | 2 | 9.0 ✓ |
| 168 | +7° | 3683 | 18 | 18.8 | +7 | 1 | 8.0 ✓ |
| 169 | +6° | 3752 | 18 | 19.3 | +6 | 46 | 9.2 ✓ +6° 3751 3753 sup. 9.1 9.2 |
| 170 | +7° | 3679 | 18 | 18.3 | +7 | 2 | 9.2 ✓ |
| 171 | +6° | 3741 | 18 | 18.1 | +6 | 42 | 8.9 ✓ |
| 172 | +7° | 3676 | 18 | 17.7 | +7 | 9 | 7.5 ✓ |
| 173 | +6° | 3739 | 18 | 17.9 | +6 | 57 | 8.6 ✓ |
| 174 | +6° | 3732 | 18 | 17.0 | +6 | 46 | 8.6 ✓ |
| 175 | +7° | 3665 | 18 | 16.5 | +7 | 1 | 9.0 ✓ |
| 176 | +7° | 3661 | 18 | 15.8 | +7 | 8 | 7.7 ✓ |
| 177 | +7° | 3658 | 18 | 15.4 | +7 | 9 | 8.1 ✓ |
| 178 | +7° | 3659 | 18 | 15.5 | +7 | 34 | 8.7 ✓ |
| 179 | +7° | 3657 | 18 | 15.3 | +7 | 29 | 7.0 ✓ |
| 180 | +8° | 3673 | 18 | 17.1 | +8 | 35 | 8.3 ✓ |
| 181 | +8° | 3670 | 18 | 16.8 | +8 | 24 | 9.0 ✓ |
| 182 | +8° | 3681 | 18 | 17.9 | +8 | 24 | 9.0 ✓ |
| 183 | +8° | 3683 | 18 | 18.1 | +8 | 9 | 9.1 ✓ |
| 184 | +9° | 3692 | 18 | 17.4 | +9 | 28 | 9.2 ✓ +9° 3693 sup. 9.4 |
| 185 | +7° | 3701 | 18 | 21.2 | +7 | 16 | 8.9 ✓ |
| 186 | +7° | 3699 | 18 | 21.1 | +7 | 3 | 9.1 ✓ +7° 3700 sup. 9.5 |
| 187 | +6° | 3791 | 18 | 21.0 | +6 | 50 | 9.2 ✓ |
| 188 | +7° | 3707 | 18 | 22.0 | +7 | 22 | 8.7 ✓ |
| 189 | +7° | 3712 | 18 | 22.5 | +7 | 16 | 7.8 ✓ |

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1914phae.proj.21720



Monday May 18, 1914

B14170 shot

| No | Int. | Class | Remarks |
|---|---|---|---|
| ✓ 190 | 4 | A0 | |
| ✓ 191 | 1 | A0 | |
| ✓ 192 | 3 | K2 | |
| ✓ 193 | 1 | A2 | |
| ✓ 194 | 4 | A0 | |
| ✓ 195 | 5 | B9 | |
| ✓ 196 | 1 | 95 | |
| ✓ 197 | 3 | A5 | |
| ✓ 198 | 4 | K2 | |
| ✓ 199 | 7 | K2 | |
| ✓ 200 | 3 | F8 | |
| ✓ 201 | 2 | F2 | |
| ✓ 202 | 2 | K2 | |
| ✓ 203 | 10+ | F5 | |
| ✓ 204 | 5 | K5 | |
| ✓ 205 | 4 | A0 | |
| ✓ 206 | 7 | G0 | |
| ✓ 207 | 2 | A0 | |
| ✓ 208 | 3 | K2 | |
| ✓ 209 | 3 | B8 | Another star sup at south? |
| ✓ 210 | 1 | K5 | |
| ✓ 211 | 1 | K0 | |
| ✓ 212 | 2 | A0 | |
| ✓ 213 | 1 | K0 | |
| ✓ 214 | 1 | K2 | |
| ✓ 215 | 5 | B9 | |
| ✓ 216 | 7 | Ncl. | 16 f = 10 16 f = 50 |

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1914phae.proj.21720



| | | | | | | |
|---|---|---|---|---|---|---|
| 190 | +7° | 3709 | 18 | 22.1 | +7 | 7 | 8.9 ✓ |
| 191 | +7° | 3734 | 18 | 25.5 | +7 | 34 | 9.3 ✓ |
| 192 | +7° | 3736 | 18 | 25.8 | +7 | 20 | 8.4 ✓ |
| 193 | +7° | 3738 | 18 | 26.1 | +7 | 23 | 9.3 ✓ |
| 194 | +7° | 3742 | 18 | 26.5 | +7 | 35 | 8.7 ✓ |
| 195 | +6° | 3840 | 18 | 26.1 | +6 | 38 | 8.8 ✓ |
| 196 | +6° | 3839 | 18 | 26.1 | +6 | 30 | 9.0 ✓ |
| 197 | +6° | 3841 | 18 | 26.2 | +6 | 23 | 8.7 ✓ |
| 198 | +6° | 3838 | 18 | 26.1 | +6 | 14 | 8.5 ✓ |
| 199 | +6° | 3846 | 18 | 27.5 | +6 | 22 | 7.2 ✓ |
| 200 | +6° | 3852 | 18 | 28.1 | +6 | 4 | 8.9 ✓ |
| 201 | +6° | 3851 | 18 | 28.1 | +6 | 27 | 9.1 ✓ |
| 202 | +6° | 3856 | 18 | 29.6 | +6 | 41 | 8.8 ✓ |
| 203 | +6° | 3855 | 18 | 29.6 | +6 | 33 | 5.8 ✓ |
| 204 | +6° | 3859 | 18 | 29.9 | +6 | 18 | 7.5 ✓ |
| 205 | +6° | 3882 | 18 | 30.6 | +6 | 57 | 8.9 ✓ |
| 206 | +7° | 3774 | 18 | 30.2 | +7 | 25 | 7.8 ✓ +7°3773 sup. 9.0 |
| 207 | +7° | 3767 | 18 | 29.3 | +7 | 35 | 9.2 ✓ |
| 208 | +7° | 3763 | 18 | 28.8 | +7 | 27 | 8.2 ✓ |
| 209 | +7° | 3765 | 18 | 28.9 | +7 | 58 | 8.9 ✓ +7°3764 sup. 9.5 |
| 210 | +7° | 3751 | 18 | 27.6 | +7 | 42 | 8.8 ✓ |
| 211 | +7° | 3754 | 18 | 27.9 | +7 | 28 | 9.0 ✓ |
| 212 | +8° | 3767 | 18 | 29.6 | +8 | 28 | 9.5 ✓ |
| 213 | +7° | 3779 | 18 | 30.8 | +7 | 58 | 8.9 ✓ |
| 214 | +7° | 3772 | 18 | 30.2 | +7 | 54 | 9.0 ✓ |
| 215 | +7° | 3781 | 18 | 31.0 | +7 | 53 | 8.7 ✓ |
| 216 | +8° | 3780 | 18 | 31.4 | +8 | 42 | var. ✓ |

× 0ph.

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1914phae.proj.21720



Monday May 18, 1914
13 H+170 shot

| No. | Int. | Class | Remark |
|---|---|---|---|
| ✓ 217 | 2 | A2 | |
| ✓ 218 | 8 | K0 | |
| ✓ 219 | 1 | F8 | |
| ✓ 220 | 10 | A2 | |
| ✓ 221 | 10 | A3 | |
| ✓ 222 | 1 | A0 | |
| ✓ 223 | 3 | F5 | |
| ✓ 224 | 3 | K2 | |
| ✓ 225 | 10 | G5 | |
| ✓ 226 | 2 | A0 | |
| ✓ 227 | 1 | A2 | |
| ✓ 228 | 3 | F8 | |
| ✓ 229 | 3 | A0 | |
| ✓ 230 | 2 | A2 | |
| ✓ 231 | 1 | G0 | |
| ✓ 232 | 1 | G5 | |
| ✓ 233 | 3 | G0 | |
| ✓ 234 | 9 | A5 | |
| ✓ 235 | 1 | K0 | |
| ✓ 236 | 5 | A2 | |
| ✓ 237 | 2 | A0 | |
| ✓ 238 | 2 | K5 | |
| ✓ 239 | 1 | A0 | |
| ✓ 240 | 1 | K5 | |
| ✓ 241 | 3 | A0 | |
| ✓ 242 | 4 | K0 | |
| ✓ 243 | 7 | A2 | |

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1914phae..proj..21720



| | | | | | | |
|---|---|---|---|---|---|---|
| 217 | +9° | 3800 | 18 | 32.0 | +9 | 1 | 9.2 ✓ |
| 218 | +8° | 3791 | 18 | 32.7 | +8 | 37 | 7.7 ✓ |
| 219 | +8° | 3793 | 18 | 33.0 | +8 | 41 | 9.4 ✓ |
| 220 | +8° | 3797 | 18 | 33.4 | +8 | 44 | 7.3 ✓ |
| 221 | +8° | 3799 | 18 | 33.8 | +8 | 39 | 7.5 ✓ |
| 222 | +8° | 3789 | 18 | 32.7 | +8 | 51 | 9.3 ✓ |
| 223 | +7° | 3797 | 18 | 32.8 | +7 | 46 | 8.5 ✓ |
| 224 | +7° | 3799 | 18 | 33.1 | +7 | 38 | 7.8 ✓ |
| 225 | +7° | 3798 | 18 | 32.8 | +7 | 13 | 6.5 ✓ |
| 226 | +7° | 3796 | 18 | 32.6 | +7 | 10 | 9.2 ✓ |
| 227 | +7° | 3790 | 18 | 32.2 | +7 | 20 | 9.4 ✓ |
| 228 | +7° | 3786 | 18 | 32.1 | +7 | 0 | 9.0 ✓ |
| 229 | +6° | 3873 | 18 | 31.7 | +6 | 58 | 9.0 ✓ |
| 230 | +6° | 3881 | 18 | 32.7 | +6 | 42 | 9.2 ✓ |
| 231 | +6° | 3876 | 18 | 32.1 | +6 | 25 | 9.3 ✓ +6° 3877 sup. 9.4 |
| 232 | +6° | 3878 | 18 | 32.2 | +6 | 16 | 9.1 ✓ |
| 233 | +6° | 3875 | 18 | 32.0 | +6 | 9 | 8.8 ✓ |
| 234 | +6° | 3874 | 18 | 31.8 | +6 | 9 | 7.3 ✓ |
| 235 | +5° | 3887 | 18 | 32.3 | +5 6 | 0 | 9.0 ✓ |
| 236 | +6° | 3883 | 18 | 32.9 | +6 | 1 | 8.6 ✓ |
| 237 | +5° | 3907 | 18 | 33.3 | +5 | 54 | 9.0 ✓ |
| 238 | +6° | 3886 | 18 | 33.6 | +6 | 10 | 8.8 ✓ |
| 239 | +6° | 3888 | 18 | 33.7 | +6 | 23 | 9.5 ✓ +6° 3887 sup. 9.2 |
| 240 | +6° | 3885 | 18 | 33.1 | +6 | 29 | 8.7 ✓ |
| 241 | +5° | 3838 | 18 | 30.4 | +5 | 54 | 9.1 ✓ |
| 242 | +5° | 3831 | 18 | 30.1 | +5 | 41 | 7.5 ✓ |
| 243 | +5° | 3821 | 18 | 29.6 | +5 | 56 | 8.0 ✓ |

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1914phae.proj.21720



Monday May 18, 1914
B 14 170 short

| No. | Int. | Class | Remark |
|---|---|---|---|
| ✓ 244 | 4 | A5 | |
| ✓ 245 | 1 | F0 | |
| ✓ 246 | 3 | K5 | |
| ✓ 247 | 2 | A3 | |
| ✓ 248 | 4 | F8 | |
| ✓ 249 | 5 | G5 | |
| ✓ 250 | 7 | B8 | |
| ✓ 251 | 8 | B8 | |
| ✓ 252 | 3 | K0 | |
| ✓ 253 | 3 | K5 | |
| ✓ 254 | 5 | F0 | |
| ✓ 255 | 3 | K2 | |
| ✓ 256 | 7 | B5 | |
| ✓ 257 | 9 | A2 | |
| ✓ 258 | 7 | A5 | Another star sup. at south. Probably same class |
| ✓ 259 | 3 | K2 | |
| ✓ 260 | 7 | K | |
| ✓ 261 | 1 | K | |
| ✓ 262 | 3 | K5 | |
| ✓ 263 | 4 | A2 | |
| ✓ 264 | 2 | G0 | |
| ✓ 265 | 10 | B8 | |
| ✓ 266 | 1 | A5 | |
| ✓ 267 | 2 | A0 | |
| ✓ 268 | 4 | A0 | |
| ✓ 269 | 2 | K5 | |
| ✓ 270 | 4 | F0 | |

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1914phae..proj..21720



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 244 | +5° | 3814 | 18 | 29.1 | +5 | 49 | 8.9 ✓ |
| 245 | +5° | 3810 | 18 | 28.9 | +5 | 39 | 9.3 ✓ |
| 246 | +5° | 3803 | 18 | 28.4 | +5 | 39 | 8.1 ✓ |
| 247 | +5° | 3801 | 18 | 28.1 | +5 | 53 | 9.1 ✓ |
| 248 | +5° | 3797 | 18 | 27.6 | +5 | 22 | 8.7 ✓ |
| 249 | +5° | 3790 | 18 | 26.8 | +5 | 33 | 8.5 ✓ |
| 250 | +5° | 3786 | 18 | 26.5 | +5 | 30 | 8.2 ✓ |
| 251 | +5° | 3784 | 18 | 26.2 | +5 | 21 | 8.1 ✓ |
| 252 | +4° | 3791 | 18 | 26.5 | +4 | 29 | 8.0 ✓ |
| 253 | +4° | 3785 | 18 | 25.5 | +4 | 11 | 7.5 ✓ |
| 254 | +4° | 3787 | 18 | 25.7 | +4 | 7 | 8.2 ✓ |
| 255 | +3° | 3739 | 18 | 25.9 | +3 | 51 | 8.1 ✓ |
| 256 | +4° | 3778 | 18 | 23.9 | +4 | 32 | 7.7 ✓ |
| 257 | +4° | 3774 | 18 | 23.5 | +4 | 25 | 7.2 ✓ +4° 3775 sup. 8.9 |
| 258 | +4° | 3758 | 18 | 21.4 | +4 | 46 | 7.5 ✓ +4° 3759 sup. 8.5 |
| 259 | +5° | 3756 | 18 | 21.2 | +5 | 2 | 8.4 ✓ |
| 260 | +5° | 3757 | 18 | 21.2 | +5 | 8 | 9.1 ✓ |
| 261 | +5° | 3750 | 18 | 20.8 | +5 | 17 | 9.0 ✓ +5° 3751 sup. 9.5 |
| 262 | +5° | 3752 | 18 | 20.9 | +5 | 40 | 8.1 ✓ |
| 263 | +5° | 3745 | 18 | 20.1 | +5 | 19 | 9.0 ✓ |
| 264 | +5° | 3753 | 18 | 21.1 | +5 | 56 | 8.9 ✓ |
| 265 | +6° | 3790 | 18 | 20.9 | +6 | 7 | 6.5 ✓ |
| 266 | +6° | 3783 | 18 | 20.6 | +6 | 2 | 9.0 ✓ |
| 267 | +6° | 3776 | 18 | 20.4 | +6 | 10 | 9.2 ✓ |
| 268 | +6° | 3775 | 18 | 20.3 | +6 | 3 | 9.1 ✓ |
| 269 | +5° | 3744 | 18 | 20.1 | +5 | 59 | 8.6 ✓ |
| 270 | +5° | 3729 | 18 | 18.0 | +5 | 56 | 8.9 ✓ |

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1914phae.proj.21720



Monday May 18, 1914
B 14 170 short

| No. | Int. | Class | Remark |
|---|---|---|---|
| ✓ 271 | 1 | A0 | |
| ✓ 272 | 1 | K2 | |
| ✓ 273 | 1 | K5 | |
| ✓ 274 | 1 | K5 | |
| ✓ 275 | 9 | B9 | |
| ✓ 276 | 7 | B9 | |
| ✓ 277 | 10 | A0 | |
| ✓ 278 | 2 | G0 | |
| ✓ 279 | 1 | K5 | |
| ✓ 280 | 3 | A0 | |
| ✓ 281 | 7 | B9 | |
| ✓ 282 | 7 | K2 | |
| ✓ 283 | 2 | B9 | |
| ✓ 284 | 3 | B9 | Another star sup. at south. |
| ✓ 285 | 10 | B8 | |
| ✓ 286 | 3 | A0 | |
| ✓ 287 | 5 | A2 | |
| ✓ 288 | 4 | A0 | |
| ✓ 289 | 5 | B9 | |
| ✓ 290 | 9 | G0 | |
| ✓ 291 | 7 | K0 | |
| ✓ 292 | 4 | A0 | |
| ✓ 293 | 4 | B8 | |
| ✓ 294 | 4 | F5 | |
| ✓ 295 | 3 | B9 | |
| ✓ 296 | 4 | B9 | |
| ✓ 297 | 6 | A0 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



| | | | | | | |
|---|---|---|---|---|---|---|
| 271 | +5° | 3727 | 18 | 17.6 | +5 | 47 | 8.8 ✓ |
| 272 | +5° | 3731 | 18 | 18.3 | +5 | 19 | 9.1 ✓ |
| 273 | +5° | 3737 | 18 | 19.3 | +5 | 14 | 8.9 ✓ |
| 274 | +5° | 3732 | 18 | 18.8 | +5 | 36 | 9.2 ✓ |
| 275 | +5° | 3730 | 18 | 18.0 | +5 | 1 | 7.0 ✓ |
| 276 | +5° | 3720 | 18 | 16.4 | +5 | 16 | 8.1 ✓ |
| 277 | +4° | 3801 | 18 | 28.5 | +4 | 50 | ✓ 7.0 +4° 3802 sup. 9.1 |
| 278 | +4° | 3803 | 18 | 28.9 | +5 | 0 | 8.9 ✓ |
| 279 | +5° | 3808 | 18 | 28.8 | +5 | 18 | 9.1 ✓ |
| 280 | +5° | 3815 | 18 | 29.2 | +5 | 9 | 9.1 ✓ |
| 281 | +5° | 3816 | 18 | 29.4 | +5 | 10 | 8.0 ✓ |
| 282 | +4° | 3806 | 18 | 29.3 | +4 | 50 | 7.0 ✓ |
| 283 | +5° | 3830 | 18 | 30.1 | +5 | 12 | 9.1 ✓ |
| 284 | +5° | 3843 | 18 | 30.5 | +5 | 25 | ✓ 9.0 +5° 3839 sup. 9.3 3844 sup. 9.4 |
| 285 | +5° | 3846 | 18 | 30.7 | +5 | 46 | 6.8 ✓ |
| 286 | +5° | 3852 | 18 | 31.0 | +5 | 14 | 3 +5° 3852 sup. 9.0 9.0 ✓ ~~+5° 3853 sup. 9.3~~ |
| 287 | +5° | 3864 | 18 | 31.5 | +5 | 21 | 8.7 ✓ |
| 288 | +5° | 3879 | 18 | 32.0 | +5 | 28 | 9.1 ✓ |
| 289 | +5° | 3878 | 18 | 31.9 | +5 | 20 | 9.1 ✓ |
| 290 | +5° | 3891 | 18 | 32.5 | +5 | 8 | 6.7 ✓ |
| 291 | +4° | 3823 | 18 | 31.5 | +4 | 44 | 7.1 ✓ |
| 292 | +5° | 3920 | 18 | 36.9 | +5 | 49 | 8.7 ✓ |
| 293 | +6° | 3904 | 18 | 36.0 | +6 | 5 | 8.6 ✓ |
| 294 | +5° | 3926 | 18 | 35.7 ~~36.6~~ | +5 | 33 | 7.7 ✓ |
| 295 | +5° | 3927 | 18 | 35.8 | +5 | 36 | ✓ 8.6 +5° 3928 sup. 9.2 |
| 296 | +6° | 3910 | 18 | 36.8 | +6 | 23 | 8.7 ✓ |
| 297 | +7° | 3816 | 18 | 36.1 | +7 | 8 | 8.1 ✓ |

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1914phae.proj.21720



Monday May 18, 1914
B14170 shot

| hr | Int. | Class | Remarks |
|---|---|---|---|
| ✓ 298 | 3 | Ko | |
| ✓ 299 | 5 | F8 | |
| ✓ 300 | 4 | A2 | |
| ✓ 301 | 8 | F8 | |
| ✓ 302 | 6 | A2 | |
| ✓ 303 | 3 | G0 | |
| ✓ 304 | 3 | A0 | |
| ✓ 305 | 3 | G5 | |
| ✓ 306 | 2 | F8 | |
| ✓ 307 | 3 | A0 | |
| ✓ 308 | 5 | F8 | |
| ✓ 309 | 6 | G0 | |
| 10.05 ✓ 310 | 4 | K0 | |
| 311 | | | |

311

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1914phae.proj.21720



| | | | | | | |
|---|---|---|---|---|---|---|
| 298 | +7° | 3815 | 18 | 36.1 | +7 | 35 | 8.6 ✓ |
| 299 | +7° | 3805 | 18 | 34.4 | +7 | 47 | 8.0 ✓ |
| 300 | +8° | 3809 | 18 | 35.4 | +8 | 11 | 8.9 ✓ |
| 301 | +8° | 3819 | 18 | 36.9 | +8 | 29 | 7.4 ✓ |
| 302 | +7° | 3824 | 18 | 37.6 | +7 | 50 | 8.1 ✓ |
| 303 | +8° | 3837 | 18 | 38.8 | +8 | 21 | 8.5 ✓ |
| 304 | +8° | 3834 | 18 | 38.7 | +8 | 48 | 8.7 ✓ |
| 305 | +8° | 3832 | 18 | 38.3 | +8 | 49 | 8.6 ✓ |
| 306 | +9° | 3849 | 18 | 37.2 | +9 | 16 | 8.7 ✓ |
| 307 | +9° | 3846 | 18 | 36.7 | +9 | 4 | 8.7 ✓ |
| 308 | +9° | 3841 | 18 | 36.4 | +9 | 1 | 8.1 ✓ |
| 309 | +8° | 3816 | 18 | 36.3 | +8 | 54 | 8.1 ✓ |
| 310 | +9° | 3837 | 18 | 35.4 | +9 | 4 | 8.3 ✓ |

Ident. on cards by A.M.C. Jan 1, 1915

Ident. in book by J.C.M. Jan. 6, 1915

Identification compared by S.R.B. Jan. 8, 1915

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1914phae.proj.21720



Tuesday May 19, 1914

I 37811

10.12

| No | Int | Class | Remark |
|---|---|---|---|
| ✓ 1 | 8 | A0 | |
| ✓ 2 | 10 | A2 | |
| ✓ 3 | 2 | A0 | |
| ✓ 4 | 2 | G5 | |
| ✓ 5 | 8 | B2 | |
| ✓ 6 | 3 | F5 | |
| ✓ 7 | 10+ | K | |
| ✓ 8 | 4 | K2 | |
| ✓ 9 | 5 | A0 | |
| ✓ 10 | 2 | F8 | |
| ✓ 11 | 5 | K5 | |
| ✓ 12 | 10 | A2 | |
| ✓ 13 | 3 | A0 | |
| ✓ 14 | 6 | F2 | |
| ✓ 15 | 6 | A2 | |
| ✓ 16 | 3 | A0 | |
| ✓ 17 | 2 | A0 | |
| ✓ 18 | 2 | A0 | |
| ✓ 19 | 4 | K2 | |
| ✓ 20 | 10 | F5 | |
| ✓ 21 | 9 | K2 | |
| ✓ 22 | 8 | B9 | |
| ✓ 23 | 8 | A2 | |
| ✓ 24 | 5 | K2 | |
| ✓ 25 | 6 | neb. | |
| ✓ 26 | 7 | F0 | |
| ✓ 27 | 3 | F2 | |

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1914phae.proj.21720



| | | | | | |
|---|---|---|---|---|---|
| 1 | +0° | 3832 | 17 | 52.9 +0 | 37.6 | 7.1 ✓ |
| 2 | +1° | 3560 | 17 | 54.4 +1 | 18.7 | 4.5 ✓ |
| 3 | +1° | 3566 | 17 | 55.5 +1 | 36.2 | 8.7 ✓ |
| 4 | +1° | 3574 | 17 | 56.7 +1 | 50.2 | 8.5 ✓ |
| 5 | +1° | 3578 | 17 | 57.3 +1 | 55.5 | 6.5 ✓ |
| 6 | +1° | 3576 | 17 | 57.2 +1 | 14.0 | 7.7 ✓ |
| 7 | +2° | 3482 | 17 | 58.1 +2 | 32.7 | 4.0 ✓ |
| 8 | +1° | 3585 | 17 | 58.5 +1 | 58.8 | 7.8 ✓ |
| 9 | +1° | 3589 | 17 | 58.9 +1 | 34.5 | 8.0 ✓ |
| 10 | +1° | 3587 | 17 | 58.8 +1 | 8.4 | 8.4 ✓ |
| 11 | +2° | 3493 | 18 | 0.1 +2 | 28.2 | 7.1 ✓ |
| 12 | +2° | 3498 | 18 | 0.8 +2 | 12.1 | 6.8 ✓ |
| 13 | +2° | 3503 | 18 | 1.3 +2 | 23.8 | 8.4 ✓ |
| 14 | +1° | 3604 | 18 | 1.6 +1 | 58.5 | 7.0 ✓ |
| 15 | +2° | 3504 | 18 | 1.6 +2 | 13.3 | 7.8 ✓ |
| 16 | +2° | 3510 | 18 | 2.2 +2 | 34.7 | 8.4 ✓ |
| 17 | +2° | 3514 | 18 | 2.8 +2 | 21.5 | 8.8 ✓ |
| 18 | +2° | 3517 | 18 | 3.1 +2 | 30.5 | 8.5 ✓ |
| 19 | +3° | 3612 | 18 | 2.6 +3 | 11.4 | 8.0 ✓ |
| 20 | +3° | 3613 | 18 | 2.7 +3 | 6.9 | 6.5 ✓ |
| 21 | +3° | 3620 | 18 | 3.4 +3 | 17.7 | 6.0 ✓ |
| 22 | +2° | 3528 | 18 | 5.4 +2 | 47.4 | 6.8 ✓ |
| 23 | +2° | 3532 | 18 | 5.8 +2 | 56.6 | 7.1 ✓ |
| 24 | +2° | 3537 | 18 | 6.6 +2 | 22.9 | 6.8 ✓ |
| 25 | +2° | 3547 | 18 | 8.8 +2 | 20.7 | 6.3 ✓ |
| 26 | +0° | 3907 | 18 | 9.7 +0 | 57.3 | 6.8 ✓ |
| 27 | +0° | 3892 | 18 | 7.1 +0 | 8.7 | 7.5 ✓ |

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Tuesday May 19, 1914

I 37811

| | No. | Int. | Class | Remark |
|---|---|---|---|---|
| ✓ | 28 | H | A0 | |
| ✓ | 29 | 2 | F8 | |
| ✓ | 30 | 2 | K5 | |
| ✓ | 31 | 1 | K0 | |
| ✓ | 32 | 3 | F2 | |
| ✓ | 33 | 2 | K2 | |
| ✓ | 34 | 2 | G0 | |
| ✓ | 35 | 3 | K0 | |
| ✓ | 36 | 3 | A2 | |
| ✓ | 37 | 3 | K0 | |
| ✓ | 38 | 3 | A0 | Lines rather narrow |
| ✓ | 39 | 8 | F0 | |
| ✓ | 40 | 10 | K0 | |
| ✓ | 41 | 3 | A2 | |
| ✓ | 42 | 2 | G5 | Partly sup. on 41 |
| ✓ | 43 | 10 | B5 | |
| ✓ | 44 | 5 | B9 | |
| ✓ | 45 | 7 | B9 | |
| ✓ | 46 | 3 | A0 | |
| ✓ | 47 | 5 | K2 | |
| ✓ | 48 | 3 | A0 | |
| ✓ | 49 | 3 | F0 | |
| ✓ | 50 | 3 | K0 | |
| ✓ | 51 | 2 | F5 | |
| ✓ | 52 | 7 | A3 | |
| ✓ | 53 | 10 | B9 | & |
| ✓ | 54 | 7 | A2 | & |

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1914phae.proj.21720



| | | | | | |
|---|---|---|---|---|---|
| 28 | +0° | 3870 | 18 | 3.0 +0 | 31.1 | 7.9 ✓ |
| 29 | +0° | 3865 | 18 | 2.1 +0 | 22.3 | 8.0 ✓ |
| 30 | +1° | 3612 | 18 | 3.9 +1 | 57.2 | 8.1 ✓ |
| 31 | +2° | 3524 | 18 | 4.2 +2 | 7.6 | 8.3 ✓ |
| 32 | +1° | 3615 | 18 | 4.6 +1 | 46.3 | 8.3 ✓ |
| 33 | +1° | 3616 | 18 | 4.8 +1 | 37.8 | 8.2 ✓ |
| 34 | +1° | 3620 | 18 | 5.0 +1 | 52.1 | 8.4 ✓ |
| 35 | +0° | 3883 | 18 | 6.4 +0 | 39.4 | 8.1 ✓ |
| 36 | +3° | 3662 | 18 | 10.7 +3 | 26.1 | 8.8 ✓ |
| 37 | +2° | 3559 | 18 | 11.2 +2 | 54.8 | 8.2 ✓ |
| 38 | +3° | 3670 | 18 | 12.1 +3 | 12.7 | 9.0 ✓ |
| 39 | +3° | 3674 | 18 | 12.7 +3 | 30.4 | 8.6 ✓ |
| 40 | +3° | 3680 | 18 | 13.6 +3 | 19.1 | 5.5 ✓ |
| 41 | +4° | 3703 | 18 | 12.7 +4 | 17.8 | 8.3 ✓ |
| 42 | +4° | 3702 | 18 | 12.7 +4 | 26.0 | 7.5 ✓ |
| 43 | +5° | 3704 | 18 | 14.4 +5 | 22.5 | 6.9 ✓ |
| 44 | +5° | 3720 | 18 | 16.4 +5 | 16.1 | 8.1 ✓ |
| 45 | +5° | 3730 | 18 | 18.0 +5 | 0.8 | 7.0 ✓ |
| 46 | +4° | 3737 | 18 | 18.5 +4 | 32.4 | 8.1 ✓ |
| 47 | +3° | 3716 | 18 | 20.6 +3 | 39.7 | 6.7 ✓ |
| 48 | +3° | 3719 | 18 | 21.1 +3 | 52.7 | 8.5 ✓ |
| 49 | +3° | 3720 | 18 | 21.2 +3 | 41.6 | 8.5 ✓ |
| 50 | +3° | 3705 | 18 | 17.9 +3 | 25.2 | 8.1 ✓ |
| 51 | +1° | 3663 | 18 | 16.7 +1 | 25.6 | 8.0 ✓ |
| 52 | +0° | 3931 | 18 | 18.7 +0 | 42.6 | 7.0 ✓ |
| 53 | +6° | 3790 | 18 | 20.9 +6 | 6.8 | 6.5 ✓ |
| 54 | +2° | 3427 | 17 | 48.3 +2 | 7.4 | 7.1 ✓ |

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1914phae.proj.2172C



Tuesday May 19, 1914
I 37811

| No. | Int. | Class | Remarks |
|---|---|---|---|
| ✓ 55 | 7 | A0 | |
| ✓ 56 | 2 | A2 | |
| ✓ 57 | 2 | K5 | |
| ✓ 58 | 2 | A0 | |
| ✓ 59 | 3 | A2 | |
| ✓ 60 | 2 | K0 | |
| ✓ 61 | 2 | A2 | |
| ✓ 62 | 10+ | B | |
| ✓ 63 | 1 | M | |
| ✓ 64 | 4 | A0 | |
| ✓ 65 | 5 | A0 | |
| ✓ 66 | 3 | A0 | |
| ✓ 67 | 2 | A0 | |
| ✓ 68 | 3 | A3 | |
| ✓ 69 | 4 | F5 | |
| ✓ 70 | 3 | A0 | |
| ✓ 71 | 3 | K0 | |
| ✓ 72 | 7 | G0 | |
| ✓ 73 | 2 | A0 | |
| ✓ 74 | 4 | A0 | |
| ✓ 75 | 2 | F8 | |
| ✓ 76 | 3 | K0 | |
| ✓ 77 | 8 | F2 | |
| ✓ 78 | 2 | A0 | Another star of same class adj. at south. |
| ✓ 79 | 2 | K2 | |
| ✓ 80 | 2 | F5 | |
| ✓ 81 | 4 | A2 | |

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1914phae.proj.21720



55

| | | | | | | |
|---|---|---|---|---|---|---|
| 55 | +2° | 3436 | 17 | 50.6 | +2 | 17.0 | 7.0 ✓ |
| 56 | +2° | 3435 | 17 | 50.5 | +2 | 55.0 | 8.1 ✓ |
| 57 | +2° | 3438 | 17 | 50.8 | +2 | 45.8 | 7.3 ✓ |
| 58 | +2° | 3447 | 17 | 52.2 | +2 | 21.5 | 8.8 ✓ |
| 59 | +2° | 3443 | 17 | 51.7 | +2 | 4.0 | 8.0 ✓ |
| 60 | +1° | 3556 | 17 | 53.0 | +1 | 37.2 | 8.0 ✓ |
| 61 | +1° | 3557 | 17 | 53.9 | +1 | 45.4 | 8.7 ✓ |
| 62 | +2° | 3458 | 17 | 53.4 | +2 | 55.4 | 4.0 ✓ +2° 3459 magn. 8.5. sup. |
| 63 | +3° | 3558 | 17 | 53.7 | +3 | 21.0 | 8.5 ✓ |
| 64 | +3° | 3564 | 17 | 54.3 | +3 | 32.4 | 8.2 ✓ |
| 65 | +3° | 3565 | 17 | 54.4 | +3 | 30.8 | 8.2 ✓ |
| 66 | +3° | 3562 | 17 | 54.2 | +3 | 48.0 | 8.7 ✓ |
| 67 | +3° | 3566 | 17 | 54.4 | +3 | 57.5 | 8.8 ✓ |
| 68 | +4° | 3573 | 17 | 58.0 | +4 | 22.8 | 8.5 ✓ |
| 69 | +3° | 3578 | 17 | 57.1 | +3 | 30.7 | 8.5 ✓ |
| 70 | +2° | 3473 | 17 | 56.1 | +2 | 30.5 | 8.0 ✓ |
| 71 | +3° | 3579 | 17 | 57.5 | +3 | 48.0 | 8.0 ✓ |
| 72 | +4° | 3589 | 17 | 58.5 | +4 | 39.5 | 7.2 ✓ +4° 3590 magn. 9.4 sup. |
| 73 | +4° | 3594 | 17 | 58.9 | +4 | 33.0 | 8.5 ✓ +4° 3593 magn. 8.5 sup. |
| 74 | +4° | 3624 | 18 | 2.6 | +4 | 34.8 | 8.1 ✓ |
| 75 | +4° | 3627 | 18 | 2.9 | +4 | 47.2 | 8.4 ✓ |
| 76 | +4° | 3633 | 18 | 3.6 | +4 | 24.4 | 7.7 ✓ |
| 77 | +3° | 3610 | 18 | 2.4 | +3 | 58.0 | 6.2 ✓ |
| 78 | +3° | 3599 | 18 | 0.7 | +3 | 36.1 | 8.7 ✓ +3° 3598 magn. 8.7 sup. at south |
| 79 | +3° | 3611 | 18 | 2.4 | +3 | 40.2 | 7.9 ✓ |
| 80 | +3° | 3619 | 18 | 3.3 | +3 | 47.4 | 8.8 ✓ |
| 81 | +5° | 3630 | 18 | 4.0 | +5 | 37.7 | 8.4 ✓ |

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1914phae.proj.21720



Tuesday May 19, 1914

I 37811

| No. | Int | Class | Remark |
|---|---|---|---|
| ✓ 82 | 7 | B9 | |
| ✓ 83 | 3 | A2 | |
| ✓ 84 | 7 | A0 | |
| ✓ 85 | 6 | B9 | |
| ✓ 86 | 2 | A2 | |
| ✓ 87 | 2 | G0 | |
| ✓ 88 | 3 | K0 | |
| ✓ 89 | 4 | A0 | |
| ✓ 90 | 7 | B9 | |
| ✓ 91 | 1 | A | |
| ✓ 92 | 2 | A0 | |
| ✓ 93 | 3 | B9 | |
| ✓ 94 | 3 | K5 | |
| ✓ 95 | 9 | A0 | B |
| ✓ 96 | 3 | A0 | |
| ✓ 97 | 4 | G0 | |
| ✓ 98 | 3 | A2 | |
| ✓ 99 | 10+ | B8 | |
| ✓ 100 | 8 | B8 | |
| ✓ 101 | 6 | A0 | |
| ✓ 102 | 4 | F0 | |
| ✓ 103 | 2 | G5 | |
| ✓ 104 | 2 | F0 | |
| ✓ 105 | 3 | G5 | |
| ✓ 106 | 4 | G5 | |
| ✓ 107 | 4 | K0 | |
| ✓ 108 | 2 | nb. | |

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1914phae.proj.21720



8

| | | | | | |
|---|---|---|---|---|---|
| 82 +5° | 3643 | 18 | 5.7 +5 | 47.6 | 8.1 ✓ |
| 83 +5° | 3656 | 18 | 7.3 +5 | 52.1 | 8.5 ✓ |
| 84 +5° | 3673 | 18 | 10.2 +5 | 42.2 | 8.0 ✓ |
| 85 +5° | 3685 | 18 | 11.3 +5 | 4.9 | 8.0 ✓ |
| 86 +4° | 3698 | 18 | 11.4 +4 | 47.0 | 9.1 +4° 3695 magn. 9.5 sup. |
| 87 +4° | 3701 | 18 | 12.6 +4 | 59.6 | 8.4 ✓ |
| 88 +4° | 3676 | 18 | 9.0 +4 | 30.8 | 8.3 +4° 3677 magn. 9.1 sup. |
| 89 +3° | 3647 | 18 | 8.2 +3 | 27.8 | 8.7 ✓ |
| 90 +3° | 3643 | 18 | 7.7 +3 | 37.6 | 8.2 ✓ |
| 91 +3° | 3641 | 18 | 7.3 +3 | 38.0 | 9.0 ✓ |
| 92 +3° | 3640 | 18 | 7.3 +3 | 44.7 | 8.9 ✓ |
| 93 +3° | 3637 | 18 | 6.8 +3 | 40.9 | 8.7 ✓ |
| 94 +4° | 3658 | 18 | 6.9 +4 | 11.2 | 8.0 ✓ |
| 95 +6° | 3578 | 17 | 49.9 +6 | 30.5 | 6.8 ✓ |
| 96 +4° | 3556 | 17 | 49.6 +4 | 24.2 | 8.0 ✓ |
| 97 +5° | 3547 | 17 | 49.7 +5 | 0.8 | 8.0 ✓ |
| 98 +4° | 3564 | 17 | 52.0 +4 | 57.9 | 8.8 ✓ |
| 99 +4° | 3570 | 17 | 53.1 +4 | 22.1 | 5.3 ✓ |
| 100 +6° | 3597 | 17 | 53.8 +6 | 16.5 | 7.0 ✓ |
| 101 +6° | 3593 | 17 | 53.1 +6 | 34.0 | 7.5 ✓ |
| 102 +6° | 3589 | 17 | 52.4 +6 | 26.0 | 7.2 ✓ |
| 103 +6° | 3610 | 17 | 57.4 +6 | 25.3 | 8.2 ✓ |
| 104 +5° | 3599 | 18/17 | 58.1 +5 | 47.9 | 8.5 ✓ |
| 105 +6° | 3625 | 17 | 59.8 +6 | 23.9 | 8.0 ✓ |
| 106 +7° | 3553 | 17 | 58.9 +7 | 5.2 | 7.8 ✓ |
| 107 +6° | 3626 | 18 | 0.2 +6 | 41.3 | 7.5 ✓ |
| 108 +6° | 3627 | 18 | 0.3 +6 | 31.7 | 7.5 ✓ |

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Tuesday May 19, 1914
I 37811

| | No | Int | Class | Remarks |
|---|---|---|---|---|
| ✓ | 109 | 4 | F5 | |
| ✓ | 110 | 4 | K0 | |
| ✓ | 111 | 3 | K2 | |
| ✓ | 112 | 3 | Pd. | |
| ✓ | 113 | 3 | K2 | |
| ✓ | 114 | 5 | A0 | |
| ✓ | 115 | 5 | A2 | |
| ✓ | 116 | 9 | K0 | |
| ✓ | 117 | 3 | A0 | |
| ✓ | 118 | 1 | K2 | |
| 10.32 | ✓ | 119 | .5 | A0 | C |

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1914phae.proj.21720



| | | | | | |
|---|---|---|---|---|---|
| 109 +6° | 3638 | 18 | 2.5 +6 | 7.5 | 7.7 ✓ |
| 110 +6° | 3639 | 18 | 2.7 +6 | 11.4 | 7.0 ✓ |
| 111 +7° | 3578 | 18 | 3.6 +7 | 36.1 | 7.5 ✓ |
| 112 +6° | 3649 | 18 | 5.1 +6 | 49.5 | neb. ✓ |
| 113 +8° | 3610 | 18 | 5.2 +8 | 11.9 | 7.0 ✓ |
| 114 +7° | 3591 | 18 | 6.4 +7 | 45.3 | 8.0 ✓ |
| 115 +8° | 3634 | 18 | 9.6 +8 | 19.0 | 7.3 ✓ |
| 116 +7° | 3629 | 18 | 12.2 +7 | 12.1 | 5.8 ✓ |
| 117 +6° | 3701 | +6 18 | 13.3 +6 | 29.2 | 8.1 ✓ |
| 118 +7° | 3621 | 18 | 10.6 +7 | 5.5 | 8.6 ✓ |
| 119 +8° | 3567 | 17 | 56.4 +8 | 24.9 | 7.0 ✓ |

Ident. on cards by Anc. Dec. 26, 1914

Ident. in book by m.a.b. Dec. 29, 1914

Identification compared by G.R.B. Dec. 29, 1914

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1914phae.proj.21720



Tuesday May 19, 1914 B 9437 short

10.35

| No. | Int. | Class | Remark |
|---|---|---|---|
| ✓ 1 | 1 | F | |
| ✓ 2 | 3 | F0 | |
| ✓ 3 | 1 | K0 | |
| ✓ 4 | 1 | K0 | |
| ✓ 5 | 2 | B9 | |
| ✓ 6 | 2 | K0 | |
| ✓ 7 | 2 | A0 | Partly sup. on 8 |
| ✓ 8 | 4 | A0 | |
| ✓ 9 | 1 | F0 | |
| ✓ 10 | 3 | A2 | |
| ✓ 11 | 3 | A0 | |
| ✓ 12 | 4 | A0 | |
| ✓ 13 | 5 | A3 | |
| ✓ 14 | 1 | G0 | |
| ✓ 15 | 3 | A2 | |
| ✓ 16 | 2 | A0 | |
| ✓ 17 | 3 | F8 | |
| ✓ 18 | 2 | G0 | |
| ✓ 19 | 2 | G0 | |
| ✓ 20 | 4 | F2 | |
| ✓ 21 | 2 | K2 | |
| ✓ 22 | 7 | K0 | |
| ✓ 23 | 7 | G0 | |
| ✓ 24 | 1 | K0 | |
| ✓ 25 | 6 | A5 | |
| ✓ 26 | 3 | F0 | |
| ✓ 27 | 2 | K2 | Another star sup. at north |

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1914phae.proj.21720



| | | | | | |
|---|---|---|---|---|---|
| 1 | +10 | 3375 17 | 57.1 +10 | 39.7 | 9.0 ✓ |
| 2 | +10 | 3376 17 | 57.6 +10 | 53.5 | 86 ✓ |
| 3 | +10 | 3381 17 | 58.7 +10 | 27.4 | 88 ✓ |
| 4 | +10 | 3385 17 | 59.1 +10 | 25.9 | 89 ✓ |
| 5 | +10 | 3386 17 | 59.4 +10 | 23.7 | 90 ✓ |
| 6 | +9 | 3554 17 | 58.6 +9 | 48.5 | 9.0 ✓ |
| 7 | +9 | 3545 17 | 57.1 +9 | 7.0 | 9.2 ✓ |
| 8 | +9 | 3547 17 | 57.1 +9 | 2.1 | 8.8 ✓ |
| 9 | +8 | 3574 17 | 57.5 +8 | 4.0 | 9.3 ✓ |
| 10 | +8 | 3578 17 | 59.3 +8 | 3.6 | 9.0 ✓ |
| 11 | +8 | 3580 17 | 59.8 +8 | 30.5 | 91 ✓ |
| 12 | +7 | 3559 18 | 0.6 +7 | 59.0 | 86 ✓ |
| 13 | +8 | 3585 18 | 0.8 +8 | 2.3 | 8.5 ✓ DM.3584 Mag. 9.0 Superposed |
| 14 | +9 | 3573 18 | 1.5 +9 | 2.8 | 9.0 ✓ |
| 15 | +8 | 3590 18 | 1.7 +8 | 59.8 | 88 ✓ |
| 16 | +9 | 3577 18 | 1.9 +9 | 12.1 | 9.3 ✓ |
| 17 | +9 | 3579 18 | 1.9 +9 | 3.0 | 89 ✓ |
| 18 | +9 | 3584 18 | 2.5 +9 | 7.6 | 89 ✓ |
| 19 | +9 | 3589 18 | 3.3 +9 | 15.1 | 9.0 ✓ |
| 20 | +8 | 3599 18 | 3.5 +8 | 48.3 | 85 ✓ |
| 21 | +8 | 3601 18 | 3.7 +8 | 26.7 | 86 ✓ |
| 22 | +8 | 3610 18 | 5.2 +8 | 11.9 | 7.0 ✓ |
| 23 | +9 | 3611 18 | 6.4 +9 | 3.8 | 82 ✓ |
| 24 | +9 | 3608 18 | 6.2 +9 | 15.2 | 87 ✓ |
| 25 | +9 | 3605 18 | 5.7 +9 | 28.3 | 82 ✓ |
| 26 | +10 | 3425 18 | 5.3 +10 | 1.7 | 88 ✓ |
| 27 | +10 | 3429 18 | 6.0 +10 | 2.1 | 8.3 ✓ DM. 3430 Mag. 9.1 Superposed. |

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1914phae.proj.21710



Tuesday May 19, 1914
B 9437 shot

| No. | Int. | Class | Remarks |
|---|---|---|---|
| ✓ 28 | 3 | Ko | |
| ✓ 29 | 4 | Ko | |
| ✓ 30 | 4 | Ko | |
| ✓ 31 | 3 | A3 | |
| ✓ 32 | 3 | G5 | |
| ✓ 33 | 7 | B9 | |
| ✓ 34 | 2 | A0 | |
| ✓ 35 | 4 | A0 | |
| ✓ 36 | 3 | A3 | |
| ✓ 37 | 2 | F2 | |
| ✓ 38 | 2 | K0 | |
| ✓ 39 | 3 | G5 | |
| ✓ 40 | 2 | B9 | |
| ✓ 41 | 7 | B9 | |
| ✓ 42 | 1 | K0 | |
| ✓ 43 | 2 | B9 | |
| ✓ 44 | 3 | A0 | |
| ✓ 45 | 4 | A0 | & |
| ✓ 46 | 1 | K0 | |
| ✓ 47 | 3 | K0 | |
| ✓ 48 | 2 | A2 | |
| ✓ 49 | 2 | A | |
| ✓ 50 | 3 | A | & |
| ✓ 51 | 3 | K0 | |
| ✓ 52 | 4 | F5 | |
| ✓ 53 | 5 | F8 | |
| ✓ 54 | 2 | F5 | |

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1914phae.proj.21720



| | | | | |
|---|---|---|---|---|
| 28 +9 | 3607 18 | 6.1 +9 | 56.6 | 8.2 ✓ |
| 29 +9 | 3614 18 | 6.8 +9 | 44.0 | 7.8 ✓ |
| 30 +9 | 3619 18 | 7.1 +9 | 24.1 | 7.7 ✓ |
| 31 +9 | 3628 18 | 8.7 +9 | 50.6 | 9.0 ✓ |
| 32 +10 | 3446 18 | 8.5 +10 | 14.2 | 8.4 ✓ |
| 33 +10 | 3455 18 | 9.6 +10 | 24.0 | 8.7 ✓ |
| 34 +10 | 3458 18 | 9.8 +10 | 34.4 | 9.2 ✓ |
| 35 +10 | 3467 18 | 11.5 +10 | 31.2 | 8.5 ✓ |
| 36 +10 | 3469 18 | 11.7 +10 | 35.1 | 8.9 ✓ |
| 37 +11 | 3426 18 | 12.7 +11 | 6.6 | 9.0 ✓ |
| 38 +11 | 3405 18 | 10.3 +11 | 26.6 | 8.6 ✓ |
| 39 +11 | 3407 18 | 10.4 +11 | 57.8 | 8.7 ✓ |
| 40 +11 | 3411 18 | 10.5 +11 | 48.8 | 9.3 ✓ |
| 41 +12 | 3456 18 | 11.3 +12 | 9.3 | 7.5 ✓ |
| 42 +12 | 3449 18 | 10.8 +12 | 9.2 | 9.0 ✓ |
| 43 +11 | 3416 18 | 11.4 +11 | 51.1 | 9.1 ✓ |
| 44 +12 | 3476 18 | 13.0 +12 | 47.8 | 9.0 ✓ DM 3477 Magn 9.3 Superpos. |
| 45 +13 | 3615 18 | 14.8 +13 | 14.9 | 8.3 ✓ |
| 46 +12 | 3496 18 | 16.0 +12 | 27.4 | 8.6 ✓ |
| 47 +11 | 3446 18 | 16.6 +11 | 17.0 | 8.6 ✓ |
| 48 +11 | 3444 18 | 16.0 +11 | 14.6 | 9.1 ✓ |
| 49 +11 | 3453 18 | 18.1 +11 | 47.6 | 9.2 ✓ |
| 50 +12 | 3521 18 | 19.2 +12 | 42.6 | 8.8 ✓ |
| 51 +11 | 3392 18 | 8.9 +11 | 3.2 | 8.6 ✓ |
| 52 +11 | 3390 18 | 8.6 +11 | 9.6 | 8.6 ✓ |
| 53 +11 | 3395 18 | 9.2 +11 | 54.9 | 8.2 ✓ |
| 54 +11 | 3373 18 | 5.4 +11 | 21.9 | 8.9 ✓ |

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1914phae.proj.21720



Tuesday May 19, 1914

B9437 shot

| No. | Int. | Class | Remarks |
|---|---|---|---|
| ✓ 55 | 4 | A2 | |
| ✓ 56 | 2 | B | Lines indistinct |
| ✓ 57 | 2 | K2 | |
| ✓ 58 | 3 | F8 | |
| ✓ 59 | 2 | F2 | |
| ✓ 60 | 2 | K2 | |
| ✓ 61 | 1 | K0 | |
| ✓ 62 | 3 | A0 | |
| ✓ 63 | 1 | F | |
| ✓ 64 | 1 | F5 | |
| ✓ 65 | 4 | K0 | |
| ✓ 66 | 5 | A2 | |
| ✓ 67 | 2 | F8 | |
| ✓ 68 | 3 | B9 | |
| ✓ 69 | 1 | F0 | |
| ✓ 70 | 3 | K0 | |
| ✓ 71 | 2 | B9 | |
| ✓ 72 | 1 | K5 | |
| ✓ 73 | 2 | K2 | |
| ✓ 74 | 2 | A0 | |
| ✓ 75 | 3 | A0 | |
| ✓ 76 | 1 | K5 | |
| ✓ 77 | 2 | K5 | |
| ✓ 78 | 1 | A0 | |
| ✓ 79 | 3 | A0 | |
| ✓ 80 | 1 | K5 | |
| ✓ 81 | 2 | A0 | |

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1914phae.proj.21720



| | | | | |
|---|---|---|---|---|
| 55 +10 | 3416 18 | 3.7 +10 | 33.4 | 8.8 ✓ |
| 56 +10 | 3412 18 | 3.0 +10 | 45.0 | 8.8 ✓ |
| 57 +10 | 3405 18 | 2.4 +10 | 35.2 | 8.5 ✓ ✓ M. 3406 Magn. 9.5 Superposed |
| 58 +11 | 3354 18 | 2.4 +11 | 22. | 8.6 ✓ |
| 59 +11 | 3352 18 | 1.9 +11 | 23.0 | 8.8 ✓ |
| 60 +11 | 3356 18 | 2.9 +11 | 56.5 | 8.4 ✓ |
| 61 +11 | 3343 18 | 0.2 +11 | 36 ~~46.4~~ | 8.8 ~~9.5~~ ✓ |
| 62 +10 | 3414 18 | 3.3 +10 | 26. | 9.0 ✓ |
| 63 +9 | 3592 18 | 3.7 +9 | 55.5 | 9.3 ✓ |
| 64 +9 | 3579 18 | 2.0 +9 | 58.1 | 8.9 ✓ |
| 65 +9 | 3565 18 | 0.6 +9 | 28.5 | 7.8 ✓ |
| 66 +9 | 3564 18 | 0.5 +9 | 32.7 | 3.3 Trail of bright star ✓ |
| 67 +7 | 3550 17 | 58.3 +~~6~~7 | 21.6 | 8.8 ✓ |
| 68 +7 | 3556 18 | 0.0 +7 | 8.8 | 9.1 ✓ |
| 69 +6 | 3624 17 | 59.7 +6 | 58.7 | 9.0 ✓ |
| 70 +6 | 3631 18 | 0.8 +6 | 47.6 | 8.2 ✓ |
| 71 +6 | 3615 17 | 57.8 +6 | 34.3 | 9.1 ✓ |
| 72 +6 | 3612 17 | 57.7 +6 | 21.1 | 8.8 ✓ |
| 73 +6 | 3619 17 | 58.2 +6 | 43.7 | 8.7 ✓ ✓ |
| 74 +5 | 3598 17 | 58.0 +5 | 50.4 | 9.0 ✓ M. 3599 Magn. 8.5 Superposed |
| 75 +7 | 3565 18 | 2.1 +7 | 52.5 | 9.3 ✓ |
| 76 +7 | 3583 18 | 4.6 +7 | 52.2 | 8.9 ✓ |
| 77 +7 | 3584 18 | 4.7 +7 | 22.1 | 8.8 ✓ |
| 78 +7 | 3589 18 | 6.1 +7 | 26.5 | 9.0 ✓ |
| 79 +7 | 3590 18 | 6.1 +7 | 19.6 | 8.9 ✓ |
| 80 +8 | 3616 18 | 7.0 +8 | 12.7 | 8.7 ✓ |
| 81 +8 | 3619 18 | 7.4 +8 | 50.7 | 9.1 ✓ |

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1914phae.proj.21720



Tuesday May 19, 1914
B9437 short

| | No | Int. | Class | Remark |
|---|---|---|---|---|
| ✓ | 82 | 2 | Ko | |
| ✓ | 83 | 5 | Ao | |
| ✓ | 84 | 3 | Ao | |
| ✓ | 85 | 2 | Ao | |
| ✓ | 86 | 1 | K5 | |
| ✓ | 87 | 3 | B9 | |
| ✓ | 88 | 2 | Ko | |
| ✓ | 89 | 5 | Ao | |
| ✓ | 90 | 3 | Ko | |
| ✓ | 91 | 7 | Ao | |
| ✓ | 92 | 2 | A2 | |
| ✓ | 93 | 2 | K5 | |
| ✓ | 94 | 2 | Ko | |
| ✓ | 95 | 4 | K2 | |
| ✓ | 96 | 2 | K2 | |
| ✓ | 97 | 3 | K2 | |
| ✓ | 98 | 2 | Ao | |
| ✓ | 99 | 1 | Ao | |
| ✓ | 100 | 3 | Ko | |
| ✓ | 101 | 3 | B9 | |
| ✓ | 102 | 3 | Ao | |
| ✓ | 103 | 2 | Ao | |
| ✓ | 104 | 2 | A2 | |
| ✓ | 105 | 2 | K2 | |
| ✓ | 106 | 3 | F5 | |
| ✓ | 107 | 4 | F5 | |
| ✓ | 108 | 1 | K5 | |

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| | | | | | |
|---|---|---|---|---|---|
| 82 | +8 | 3622 18 | 8.0 | +8 | 562 | 8.7 ✓ |
| 83 | +8 | 3624 18 | 8.2 | +8 | 450 | 8.7 ✓ |
| 84 | +9 | 3634 18 | 9.3 | +9 | 242 | 8.8 ✓ |
| 85 | +9 | 3636 18 | 9.6 | +9 | 11.4 | 8.8 ✓ |
| 86 | +9 | 3640 18 | 9.9 | +9 | 7.0 | 8.6 ✓ |
| 87 | +8 | 3637 18 | 10.7 | +8 | 45.7 | 8.6 ✓ |
| 88 | +8 | 3636 18 | 10.7 | +8 | 382 | 8.5 ✓ |
| 89 | +8 | 3648 18 | 12.2 | +8 | 304 | 8.6 ✓ N.M. 3645 Mag 9.5 Superposed |
| 90 | +8 | 3653 18 | 13.9 | +8 | 588 | 8.3 ✓ |
| 91 | +8 | 3654 18 | 14.1 | +8 | 340 | 7.9 ✓ |
| 92 | +7 | 3632 18 | 12.6 | +7 | 410 | 9.1 ✓ |
| 93 | +7 | 3638 18 | 13.2 | +7 | 0.9 | 8.0 ✓ |
| 94 | +7 | 3652 18 | 14.7 | +7 | 202 | 8.7 ✓ |
| 95 | +6 | 3704 18 | 14.2 | +6 | 451 | 8.2 ✓ |
| 96 | +6 | 3715 18 | 15.3 | +6 | 27.3 | 8.5 ✓ |
| 97 | +6 | 3722 18 | 15.9 | +6 | 41.2 | 8.8 ✓ |
| 98 | +6 | 3687 18 | 11.2 | +6 | 532 | 9.2 ✓ N.M. 3685 Mag 10. 9.5 Superposed |
| 99 | +6 | 3680 18 | 10.0 | +6 | 450 | 9.0 ✓ |
| 100 | +6 | 3668 18 | 8.3 | +6 | 498 | 8.4 ✓ |
| 101 | +6 | 3670 18 | 8.4 | +6 | 297 | 8.8 ✓ |
| 102 | +6 | 3676 18 | 9.3 | +6 | 179 | 8.7 ✓ |
| 103 | +6 | 3672 18 | 8.5 | +6 | 9.0 | 9.1 ✓ |
| 104 | +6 | 3669 18 | 8.4 | +6 | 268 | 9.1 ✓ |
| 105 | +5 | 3672 18 | 10.0 | +5 | 51.7 | 8.6 ✓ |
| 106 | +5 | 3675 18 | 10.5 | +5 | 31.5 | 9.0 ✓ |
| 107 | +5 | 3674 18 | 10.3 | +5 | 7.1 | 8.9 ✓ |
| 108 | +4 | 3682 18 | 9.9 | +4 | 526 | 8.7 ✓ |

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1914phae.proj.21720



Tuesday May 19, 1914
B 9437 shot

| | No. | Int. | Class | Remark |
|---|---|---|---|---|
| ✓ | 109 | 2 | G0 | |
| ✓ | 110 | 3 | K2 | |
| ✓ | 111 | 4 | A0 | |
| ✓ | 112 | 3 | A0 | |
| ✓ | 113 | 2 | K2 | |
| ✓ | 114 | 2 | K2 | |
| ✓ | 115 | 2 | A0 | |
| ✓ | 116 | 2 | K5 | |
| ✓ | 117 | 3 | G0 | |
| ✓ | 118 | 2 | F2 | |
| ✓ | 119 | 3 | F8 | |
| 11.00 | ✓ 120 | 2 | G5 | |
| | ~~121~~ | | | |
| | 121 | 3 | K2 | |
| | 122 | 5 | B5 | |
| | 123 | 7 | A2 | |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 109 | +4 | 3675 | 18 | 88 | +4 | 58.0 | 9.0 ✓ |
| 110 | +4 | 3697 | 18 | 114 | +4 | 6.5 | 8.5 ✓ |
| 111 | +3 | 3662 | 18 | 107 | +3 | 26.1 | 8.8 ✓ |
| 112 | +3 | 3641 | 18 | 73 | +3 | 38.0 | 9.0 ✓ D.M. 3640 Mag 8.9 Superposed |
| 113 | +4 | 3652 | 18 | 59 | +4 | 6.1 | 8.7 ✓ |
| 114 | +3 | 3628 | 18 | 52 | +3 | 56.7 | 8.9 ✓ |
| 115 | +5 | 3633 | 18 | 44 | +5 | 23.8 | 9.5 ✓ |
| 116 | +5 | 3634 | 18 | 46 | +5 | 26.2 | 8.2 ✓ |
| 117 | +6 | 3650 | 18 | 52 | +6 | 19.4 | 8.5 ✓ |
| 118 | +6 | 3651 | 18 | 53 | +6 | 50.0 | 9.2 ✓ ~~D.M. 3649 Mag 10.0~~ |
| 119 | +5 | 3620 | 18 | 29 | +5 | 30.7 | 8.8 ✓ |
| 120 | +5 | 3615 | 18 | 15 | +5 | 15.4 | 8.9 ✓ |

Ident. on cards by A.M.C. Jan. 8, 1915

Ident in Book by E.F.G. Jan. 18, 1915

Identification compared by S.R.O. Jan. 19, 1914[5]

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 121 | +10° | 3496 | 18 | 17.2 | +10 | 29 | 7.8 |
| 122 | +10° | 3452 | 18 | 9.6 | +10 | 47 | 8.0 97 on B3795 |
| 123 | +5 | 3599 | 17 | 58.1 | +5 | 48 | 8.5 216 on B4148 |

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1914phae.proj.21720



Wednesday May 20 1914

13 16 ~~18~~ 20 short

9.146

| No. | Int. | Class | Remark |
|---|---|---|---|
| ✓ 1 | 3 | Ko | |
| ✓ 2 | 3 | G5 | |
| ✓ 3 | 7 | A3 | |
| ✓ 4 | 3 | G0 | |
| ✓ 5 | 2 | G5 | |
| ✓ 6 | 1 | F0 | |
| ✓ 7 | 7 | F0 | |
| ✓ 8 | 1 | A2 | |
| ✓ 9 | 5 | G5 | Partly sup. on 10 |
| ✓ 10 | 2 | K | Partly sup on 9 |
| ✓ 11 | 2 | Ko | |
| ✓ 12 | 4 | Ko | |
| ✓ 13 | 8 | A2 | |
| ✓ 14 | 6 | G5 | |
| ✓ 15 | 2 | F8 | 8 |
| ✓ 16 | 1 | G0 | 8 |
| ✓ 17 | 1 | K2 | 8 |
| ✓ 18 | 1 | Ko | |
| ✓ 19 | 1 | K2 | |
| ✓ 20 | 2 | F2 | |
| ✓ 21 | 4 | F5 | |
| ✓ 22 | 2 | K2 | |
| ✓ 23 | 3 | K5 | |
| ✓ 24 | 2 | K5 | |
| ✓ 25 | 1 | G5 | |
| ✓ 26 | 3 | Ko | |
| ✓ 27 | 1 | K5 | |

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1914phae.proj.21720



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | +6° | 3083 | 15 | 33.3 | +6 | 51 | 9.0 ✓ |
| 2 | +6° | 3084 | 15 | 33.4 | +6 | 28 | 8.9 ✓ |
| 3 | +5° | 3054 | 15 | 33.9 | +5 | 59 | 8.6 ✓ |
| 4 | +6° | 3085 | 15 | 33.6 | +6 | 1 | 8.8 ✓ |
| 5 | +5° | 3057 | 15 | 34.8 | +5 | 10 | 9.2 ✓ |
| 6 | +5° | 3053 | 15 | 33.3 | +5 | 18 | 9.2 ✓ |
| 7 | +4° | 3046 | 15 | 33.4 | +4 | 38 | 8.4 ✓ |
| 8 | +5° | 3050 | 15 | 31.0 | +5 | 30 | 9.5 ✓ Error of 3' in Dec. in Dm.; read 5° 27. |
| 9 | +5° | 3048 | 15 | 30.8 | +5 | 34 | 8.3 ✓ |
| 10 | +5° | 3049 | 15 | 30.8 | +5 | 31 | 8.4 ✓ |
| 11 | +6° | 3079 | 15 | 31.8 | +6 | 37 | 8.7 ✓ |
| 12 | +6° | 3076 | 15 | 31.5 | +6 | 44 | 8.0 ✓ |
| 13 | +6° | 3069 | 15 | 28.9 | +6 | 39 | 7.5 ✓ |
| 14 | +6° | 3066 | 15 | 28.4 | +6 | 33 | 8.5 ✓ |
| 15 | +7° | 2980 | 15 | 28.0 | +7 | 29 | 9.0 ✓ |
| 16 | +7° | 2978 | 15 | 27.3 | +7 | 5 | 9.2 ✓ |
| 17 | +7° | 2977 | 15 | 26.1 | +7 | 12 | 9.0 ✓ |
| 18 | +6° | 3065 | 15 | 28.2 | +6 | 14 | 9.4 ✓ |
| 19 | +5° | 3039 | 15 | 27.5 | +5 | 52 | 8.8 ✓ |
| 20 | +6° | 3061 | 15 | 26.1 | +6 | 1 | 9.3 ✓ |
| 21 | +5° | 3033 | 15 | 25.8 | +5 (6) | 0 | 9.0 ✓ |
| 22 | +6° | 3058 | 15 | 25.0 | +6 | 20 | 8.7 ✓ |
| 23 | +5° | 3025 | 15 | 23.3 | +5 | 46 | 8.5 ✓ |
| 24 | +6° | 3053 | 15 | 22.0 | +6 | 31 | 8.7 ✓ |
| 25 | ~~+6°~~ +6° | 3054 | 15 | 22.7 | +6 | 51 | 9.2 ✓ |
| 26 | +6° | 3051 | 15 | 21.2 | +6 | 3 | 8.7 ✓ |
| 27 | ~~+6~~ +5° | 3010 | 15 | 20.6 | +5 | 58 | 9.3 ✓ |

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1914phae.proj.21720



Wednesday May 20, 1914
B 16 850 short

| No. | Int. | Class | Remark |
|---|---|---|---|
| ✓ 28 | 5 | G5 | |
| ✓ 29 | 5 | K0 | |
| ✓ 30 | 2 | K0 | |
| ✓ 31 | 3 | A0 | |
| ✓ 32 | 1 | K2 | |
| ✓ 33 | 1 | G5 | |
| ✓ 34 | 1 | G0 | |
| ✓ 35 | 1 | G0 | |
| ✓ 36 | 1 | G0 | |
| ✓ 37 | 2 | F5 | |
| ✓ 38 | 2 | A5 | |
| ✓ 39 | 3 | G0 | |
| ✓ 40 | 2 | F8 | |
| ✓ 41 | 3 | F5 | |
| ✓ 42 | 3 | G0 | |
| ✓ 43 | 1 | ma | |
| ✓ 44 | 2 | G0 | |
| ✓ 45 | 1 | G5 | |
| ✓ 46 | 1 | K0 | |
| ✓ 47 | 2 | G0 | |
| ✓ 48 | 2 | G5 | |
| ✓ 49 | 5 | G5 | |
| ✓ 50 | 9 | F5 | |
| ✓ 51 | 7 | G0 | |
| ✓ 52 | 4 | bomb? | Sup. on 01 Appears like G with K band faint. Molar appears ok |
| ✓ 53 | 4 | K0 | |
| ✓ 54 | 1 | K2 | |

Check plates. Probably a [illegible] or asymchin sp.

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1914phae.proj.2172C



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 28 | +5° | 3009 | 15 | 20.5 | +5 | 54 | 9.2 ✓ |
| 29 | +5° | 3007 | 15 | 19.6 | +5 | 45 | 8.1 ✓ |
| 30 | +5° | 3006 | 15 | 19.0 | +5 | 39 | 8.8 ✓ |
| 31 | +6° | 3039 | 15 | 18.5 | +6 | 29 | 9.0 ✓ |
| 32 | +6° | 3036 | 15 | ~~16.0~~ 17.9 | +6 | ~~34~~ 27 | ~~8.2~~ 9.2 ✓ |
| 33 | +5° | 3005 | 15 | 18.9 | +5 | 8 | 9.2 ✓ |
| 34 | +4° | 3011 | 15 | 18.5 | +4 | 52 | 9.4 ✓ |
| 35 | +4° | 3014 | 15 | 18.9 | +4 | 48 | 9.5 ✓ |
| 36 | +3° | 3027 | 15 | 18.7 | +3 | 55 | 9.5 ✓ |
| 37 | +3° | ~~3029~~ 3028 | 15 | ~~19.9~~ 19.1 | +3 | ~~25~~ 27 | ~~9.5~~ 9.5 ✓ |
| 38 | +2° | 2960 | 15 | 18.4 | +2 | 56 | 9.5 ✓ |
| 39 | +2° | 2956 | 15 | 17.3 | +2 | 49 | 9.2 ✓ |
| 40 | +3° | 3021 | 15 | 17.1 | +3 | 2 | 9.3 ✓ |
| 41 | +2° | 2955 | 15 | 16.8 | +2 | 51 | 9.2 ✓ |
| 42 | +3° | 3017 | 15 | 16.1 | +3 | 4 | 9.2 ✓ |
| 43 | +2° | 2954 | 15 | 16.4 | +2 | 32 | 8.8 ✓ |
| 44 | +2° | 2951 | 15 | 15.0 | +2 | 31 | 9.5 ✓ |
| 45 | +2° | 2948 | 15 | 14.3 | +2 | 29 | 9.5 ✓ |
| 46 | +2° | 2949 | 15 | 14.6 | +2 | 20 | 9.5 ✓ |
| Trail of | 47 +2° | 2944 | 15 | 12.0 | +2 | 19 | 5.0 ✓ |
| | 48 +1° | 3061 | 15 | 11.5 | +1 | 52 | 9.3 ✓ |
| 49 | +4° | 3058 | 15 | 39.0 | +4 | 7 | 8.6 ✓ |
| 50 | +3° | 3080 | 15 | 37.3 | +3 | 50 | 7.0 ✓ |
| 51 | +4° | 3051 | 15 | 35.7 | +4 | 34 | 8.2 ✓ |
| Omit | 52 | | | | | | |
| 53 | +3° | 3078 | 15 | 35.3 | +3 | 57 | 8.7 ✓ |
| 54 | +3° | 3075 | 15 | 35.0 | +3 | 59 | 9.4 ✓ |

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1914phae.proj.21720



Wednesday May 20, 1914
B 16850 shot

| No. | Int. | Class | Remark |
|---|---|---|---|
| ✓ 55 | 2 | Ko | |
| ✓ 56 | 3 | B5 | |
| ✓ 57 | 2 | B8 | |
| ✓ 58 | 3 | Ko | |
| ✓ 59 | 6 | K2 | |
| ✓ 60 | 2 | K2 | |
| ✓ 61 | 1 | Ko | |
| ✓ 62 | 4 | B5 | |
| ✓ 63 | 7 | Ko | |
| ✓ 64 | 1 | K2 | |
| ✓ 65 | 2 | B8 | |
| ✓ 66 | 3 | B5 | |
| ✓ 67 | 7 | A0 | |
| ✓ 68 | 1 | K2 | |
| ✓ 69 | 7 | B2 | |
| ✓ 70 | 4 | Ko | |
| ✓ 71 | 2 | B5 | |
| ✓ 72 | 4 | A2 | |
| ✓ 73 | 1 | K5 | |
| ✓ 74 | 10 | B0 | |
| ✓ 75 | 3 | A5 | |
| ✓ 76 | 4 | B5 | |
| ✓ 77 | 10 | A3 | |
| ✓ 78 | 1 | B8 | |
| ✓ 79 | 1 | B0 | |
| ✓ 80 | 1 | K2 | |
| ✓ 81 | 5 | Ko | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172C



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 55 | +3° | 3077 | 15 | 35.1 | +3 | 47 | 9.1 ✓ |
| 56 | +3° | 3076 | 15 | 35.1 | +3 | 40 | 9.2 ✓ |
| 57 | +3° | 3071 | 15 | 33.8 | +3 | 45 | 9.5 ✓ |
| 58 | +3° | 3067 | 15 | 32.8 | +3 | 46 | 9.0 ✓ |
| 59 | +3° | 3061 | 15 | 31.8 | +3 | 57 | 7.7 ✓ |
| 60 | +3° | 3060 | 15 | 31.8 | +3 | 32 | 9.3 ✓ |
| 61 | +3° | 3063 | 15 | 32.1 | +3 | 29 | 9.5 ✓ |
| 62 | +3° | 3068 | 15 | 32.9 | +3 | 20 | 9.0 ✓ |
| 63 | +3° | 3066 | 15 | 32.8 | +3 | 2 | 8.6 ✓ |
| 64 | +3° | 3069 | 15 | 33.1 | +3 | 5 | 9.2 ✓ |
| 65 | +3° | 3070 | 15 | 33.7 | +3 | 20 | 9.3 ✓ |
| 66 | +2° | 2985 | 15 | 34.7 | +2 | 23 | 9.1 ✓ |
| 67 | +1° | 3110 | 15 | 33.0 | +1 | 56 | 8.2 ✓ |
| 68 | +1° | 3108 | 15 | 31.1 | +1 | 38 | 9.3 ✓ |
| 69 | +1° | 3107 | 15 | 31.0 | +1 | 25 | 8.3 ✓ |
| 70 | +1° | 3105 | 15 | 30.3 | +1 | 54 | 8.7 ✓ |
| 71 | +1° | 3104 | 15 | 29.3 | +1 | 27 | 9.3 ✓ |
| 72 | +1° | 3103 | 15 | 29.0 | +1 | 37 | 9.0 ✓ |
| 73 | +1° | 3102 | 15 | 28.7 | +1 | 29 | 9.3 ✓ |
| 74 | +1° | 3101 | 15 | 28.5 | +1 | 43 | 7.1 ✓ |
| 75 | approx. | 1855 | 15 | 28.4 | +1 | 37 | ✓ |
| 76 | +1° | 3100 | 15 | 28.2 | +1 | 56 | 8.7 ✓ |
| 77 | +2° | 2977 | 15 | 27.8 | +2 | 9 | 7.1 ✓ |
| 78 | +2° | 2983 | 15 | 31.4 | +2 | 43 | 9.5 ✓ |
| 79 | +3° | 3064 | 15 | 32.2 | +3 | 10 | 9.5 ✓ |
| 80 | +3° | 3058 | 15 | 30.4 | +3 | 32 | 9.5 ✓ |
| 81 | +4° | 3040 | 15 | 30.4 | +4 | 7 | 8.5 ✓ |

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1914phae.proj.21720



Wednesday May 20, 1914
B76850 short

| No. | Int. | Class | Remark |
|---|---|---|---|
| ✓ 82 | 2 | F8 | |
| ✓ 83 | 2 | K0 | |
| ✓ 84 | 2 | K5 | |
| ✓ 85 | 1 | K0 | |
| ✓ 86 | 3 | K0 | |
| ✓ 87 | 5 | A0 | |
| ✓ 88 | 1 | K2 | |
| ✓ 89 | 1 | F8 | |
| ✓ 90 | 1 | K0 | |
| ✓ 91 | 4 | K0 | |
| ✓ 92 | 2 | G0 | |
| ✓ 93 | 3 | F8 | |
| ✓ 94 | 8 | K0 | |
| ✓ 95 | 1 | G5 | |
| ✓ 96 | 1 | K0 | |
| ✓ 97 | 1 | G0 | |
| ✓ 98 | 10 | A2 | |
| ✓ 99 | 1 | K2 | |
| ✓ 100 | 1 | F8 | |
| ✓ 101 | 4 | K2 | |
| ✓ 102 | 3 | G0 | |
| ✓ 103 | 6 | G0 | |
| ✓ 104 | 3 | K0 | |
| ✓ 105 | 2 | F5 | |
| ✓ 106 | 2 | K2 | |
| ✓ 107 | 1 | G0 | |
| ✓ 108 | 1 | G0 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172C



| | | | | | | |
|---|---|---|---|---|---|---|
| 82 | +4° | 3037 | 15 | 29.7 | +4 | 17 | 9.4 ✓ |
| 83 | +3° | 3057 | 15 | 29.7 | +3 | 59 | 9.5 ✓ |
| 84 | +4° | 3035 | 15 | 28.2 | +4 | 6 | 9.3 ✓ |
| 85 | +3° | 3053 | 15 | 28.2 | +3 | 48 | 9.3 ✓ |
| 86 | +3° | 3056 | 15 | 29.1 | +3 | 24 | 9.0 ✓ |
| 87 | +3° | 3054 | 15 | 28.4 | +3 | 10 | 9.3 ✓ |
| 88 | +2° | 2981 | 15 | 29.3 | +2 | 43 25 | 9.5 ✓ |
| 89 | approx. | 1855 | 15 | 29.5 4 | +2 | 24 | ✓ |
| 90 | +2° | 2980 | 15 | 28.3 | +2 | 37 | 9.5 ✓ |
| 91 | +3° | 3050 | 15 | 27.0 | +3 | 14 | 9.1 ✓ |
| 92 | +3° | 3051 | 15 | 27.2 | +3 | 36 | 9.3 ✓ |
| 93 | +2° | 2975 | 15 | 26.5 | +2 | 58 | 9.3 ✓ |
| 94 | +3° | 3048 | 15 | 26.0 | +3 | 49 | 7.7 ✓ |
| 95 | +5° | 3044 | 15 | 30.0 | +5 | 55 | 9.3 ✓ |
| 96 | +5° | 3041 | 15 | 28.2 | +5 | 30 | 9.2 ✓ |
| 97 | +5° | 3040 | 15 | 28.1 | +5 | 17 | 9.5 ✓ |
| 98 | +5° | 3037 | 15 | 27.4 | +5 +5 | 13 | 7.5 ✓ |
| 99 | +5° | 3036 | 15 | 27.1 | +5 | 15 | 9.3 ✓ |
| 100 | +5° | 3034 | 15 | 26.2 | +5 | 24 | 9.4 ✓ |
| 101 | +5° | 3032 | 15 | 25.6 | +5 | 1 | 9.5 ✓ |
| 102 | +5° | 3031 | 15 | 24.9 | +5 | 0 | 9.3 ✓ |
| 103 | +4 | 3023 | 15 | 24.8 | +4 | 34 | 8.8 ✓ |
| 104 | +4° | 3024 | 15 | 25.0 | +4 | 21 | 9.0 ✓ |
| 105 | +4° | 3028 | 15 | 26.5 | +4 | 43 | 9.2 ✓ |
| 106 | +4° | 3029 | 15 | 26.5 | +4 | 30 | 9.2 ✓ |
| 107 | +4° | 3031 | 15 | 26.8 | +4 | 25 | 9.5 ✓ |
| 108 | approx. | 1855 | 15 | 27.8 7 | +4 | 22 | ✓ |

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1914phae.proj.2172C



Wednesday May 20, 1914
D 16850 short

| No | Int. | Class | Remark |
|---|---|---|---|
| ✓ 109 | 1 | Ko | |
| ✓ 110 | 1 | go | |
| ✓ 111 | 1 | Ko | |
| ✓ 112 | 3 | go | |
| ✓ 113 | 3 | Ko | |
| ✓ 114 | 3 | go | Another star sup o.f. |
| ✓ 115 | 1 | go | |
| ✓ 116 | 1 | g5 | |
| ✓ 117 | 1 | A3 | |
| ✓ 118 | 2 | F8 | |
| ✓ 119 | 4 | Ko | |
| ✓ 120 | 2 | Ko | |
| ✓ 121 | 3 | g5 | |
| ✓ 122 | 1 | go | |
| ✓ 123 | 1 | g5 | |
| ✓ 124 | 2 | g5 | Partly sup. on 125 |
| ✓ 125 | 1 | go | Partly sup. on 124 |
| ✓ 126 | 1 | g5 | |
| ✓ 127 | 5 | g5 | |
| ✓ 128 | 2 | go | |
| ✓ 129 | 1 | F5 | |
| ✓ 130 | 1 | go | |
| ✓ 131 | 2 | A3 | |
| ✓ 132 | 2 | go | |
| ✓ 133 | 1 | go | |
| ✓ 134 | 2 | K5 | |
| ✓ 135 | 2 | go | |

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1914phae.proj.2172C



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 109 | +4° | 3027 | 15 | 26.0 | +4 | 25 | 9.3 ✓ |
| 110 | +4° | 3026 | 15 | 25.6 | +4 | 24 | 9.4 ✓ |
| 111 | +5° | 3029 | 15 | 24.5 | +5 | 14 | 9.5 ✓ |
| 112 | +5° | 3026 | 15 | 23.4 | +5 | 4 | 9.3 ✓ |
| 113 | +5° | 3022 | 15 | 22.8 | +5 | 26 | 9.0 ✓ |
| 114 | +5° | 3019 | 15 | 22.6 | +5 | 9 | 9.4 ✓ +5° 3020 sup. 9.3 |
| 115 | +5° | 3016 | 15 | 22.3 | +5 | 9 | 9.3 ✓ |
| 116 | +5° | 3014 | 15 | 21.8 | +5 | 17 | 9.4 ✓ |
| 117 | +5° | 3012 | 15 | 21.5 | +5 | 28 | 9.5 ✓ |
| 118 | +5° | 3011 | 15 | 21.1 | +5 | 14 | 9.3 ~~not DM. star sup.~~ |
| 119 | +3° | 3039 | 15 | 21.5 | +3 | 57 | 8.6 ✓ |
| 120 | +3° | 3040 | 15 | 21.8 | +3 | 33 | 9.0 ✓ |
| 121 | +3° | 3038 | 15 | 21.3 | +3 | 36 | 8.8 ✓ |
| 122 | +3° | 3036 | 15 | 21.1 | +3 | 43 | 9.5 ✓ |
| 123 | +3° | 3035 | 15 | 21.0 | +3 | 59 | 9.5 ✓ |
| 124<br>125 | +4° | 3020 | 15 | 23.6 | +4 | 16 | 8.9 ✓ |
| 126 | +3° | 3044 | 15 | 23.5 | +3 | 53 | 9.5 ✓ |
| 127 | +3° | 3045 | 15 | 24.0 | +3 | 13 | 9.3 ✓ |
| 128 | +2° | 2973 | 15 | 24.2 | +2 | 22 | 9.3 ✓ |
| 129 | +2° | 2972 | 15 | 23.7 | +2 | 10 | 9.5 ✓ |
| 130 | +2° | 2966 | 15 | 21.9 | +2 | 30 | 9.2 ✓ |
| Trail of 131 | +2° | 2965 | 15 | 21.3 | +2 | 20 | 6.3 ✓ |
| 132 | +1° | 3082 | 15 | 20.8 | +1 | 29 | 9.5 ✓ |
| 133 | +1° | 3081 | 15 | 20.3 | +1 | 55 | 9.5 ✓ |
| 134 | +2° | 2962 | 15 | 19.5 | +2 | 24 | 9.0 ✓ |
| 135 | +2° | 2963 | 15 | 19.6 | +2 | 11 | 9.3 ✓ |

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1914phae.proj.2172C



Wednesday May 20, 1914
B Y 6 850 short

| No | Int. | Class | Remark |
|---|---|---|---|
| ✓ 136 | 2 | G5 | |
| ✓ 137 | 1 | G5 | |
| ✓ 138 | 3 | K0 | |
| ✓ 139 | 10+ | G | |
| ✓ 140 | 1 | K2 | |
| ✓ 141 | 6 | K0 | |
| ✓ 142 | 3 | F5 | |
| ✓ 143 | 4 | K2 | |
| ✓ 144 | 3 | K2 | |
| ✓ 145 | 9 | K0 | |
| ✓ 146 | 1 | F1 | |
| ✓ 147 | 1 | K0 | |
| ✓ 148 | 1 | G0 | |
| ✓ 149 | 9 | A0 | |
| ✓ 150 | 1 | G5 | |
| ✓ 151 | 8 | F8 | |
| ✓ 152 | 2 | F5 | |
| ✓ 153 | 1 | K0 | |
| ✓ 154 | 6 | G0 | |
| ✓ 155 | 4 | A5 | |
| ✓ 156 | 2 | F8 | |
| ✓ 157 | 8 | F5 | |
| ✓ 158 | 3 | G0 | |
| ✓ 159 | 2 | F5 | |
| ✓ 160 | 7 | K0 | |
| ✓ 161 | 3 | F8 | |
| ✓ 162 | 2 | F5 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172C



| | | | | | | |
|---|---|---|---|---|---|---|
| 136 | +0° | 3356 | 15 | 19.0 | +0 | 59 | 9.2 |
| 137 | +0° | 3357 | 15 | 20.2 | +0 | 34 | 9.3 |
| 138 | +0° | 3358 | 15 | 20.6 | +0 | 24 | 9.0 |
| 139 | +2° | 2989 | 15 | 36.8 | +2 | 59 | 6.1 |
| 140 | +2° | 2988 | 15 | 36.7 | +2 | 56 | 9.0 |
| 141 | +2° | 2987 | 15 | 36.5 | +2 | 53 | 7.7 |
| 142 | +2° | 2992 | 15 | 37.3 | +2 | 17 | 9.2 |
| 143 | +1° | 3124 | 15 | 38.1 | +1 | 59 | 8.7 |
| 144 | +1° | 3127 | 15 | 38.7 | +1 | 54 | 8.7 |
| 145 | +1° | 3125 | 15 | 38.3 | +1 | 19 | 6.7 |
| 146 | +1° | 3120 | 15 | 35.6 | +1 | 15 | 9.5 |
| 147 | +1° | 3116 | 15 | 35.2 | +1 | 21 | 9.2 |
| 148 | +1° | 3115 | 15 | 34.9 | +1 | 8 | 9.5 |
| 149 | +0° | 3389 | 15 | 34.6 | +0 | 55 | 7.5 |
| 150 | +1° | 3112 | 15 | 34.1 | +1 | 43 | 9.5 |
| 151 | +0° | 3387 | 15 | 31.6 | +0 | 9 | 8.0 |
| 152 | +0° | 3382 | 15 | 30.6 | +0 | 47 | 9.2 |
| 153 | +1° | 3109 | 15 | 31.8 | +1 | 1 | 9.4 |
| 154 | +0° | 3381 | 15 | 29.9 | +0 | 20 | 8.5 |
| 155 | +0° | 3379 | 15 | 29.4 | +0 | 13 | 8.9 |
| 156 | +0° | 3378 | 15 | 28.6 | +0 | 45 | 9.0 |
| 157 | +0° | 3377 | 15 | 28.6 | +0 | 32 | 8.0 |
| 158 | +0° | 3376 | 15 | 28.0 | +0 | 48 | 9.1 |
| 159 | +0° | 3374 | 15 | 27.2 | +0 | 32 | 9.1 |
| 160 | +0° | 3375 | 15 | 27.4 | +0 | 21 | 7.8 |
| 161 | +0° | 3373 | 15 | 27.0 | +0 | 24 | 9.0 |
| 162 | +0° | 3371 | 15 | 26.5 | +0 | 31 | 9.5 |

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1914phae.proj.2172C



Wednesday May 20, 1914
B4850 short

| | No. | Int. | Class | Remark |
|---|---|---|---|---|
| ✓ | 163 | 1 | K0 | |
| ✓ | 164 | .1 | G5 | |
| ✓ | 165 | 1 | Ma | |
| ✓ | 166 | 1 | K0 | |
| ✓ | 167 | 5 | F0 | |
| ✓ | 168 | 1 | K0 | Partly sup. on 167 |
| 10.20 | ✓ | 169 | 1 | K5 |
| 10.25 | ✓ | 170 | 1 | F0 |
| ✓ | 171 | 2 | K2 | |
| ✓ | 172 | 1 | K5 | |
| ✓ | 173 | .1 | K0 | |
| ✓ | 174 | .1 | K2 | |
| ✓ | 175 | 2 | K2 | |
| ✓ | 176 | 3 | F8 | |
| ✓ | 177 | 2 | K5 | |
| ✓ | 178 | .2 | G5 | |
| ✓ | 179 | .2 | K0 | |
| ✓ | 180 | 1 | K2 | |
| ✓ | 181 | 2 | G0 | |
| ✓ | 182 | 3 | G5 | |
| ✓ | 183 | 1 | K2 | |
| ✓ | 184 | 1 | K0 | |
| ✓ | 185 | .3 | G0 | |
| ✓ | 186 | 2 | K5 | |
| ✓ | 187 | .2 | G0 | |
| ✓ | 188 | .1 | K0 | |
| ✓ | 189 | 2 | Mb. | |

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1914phae.proj.2172C



| | | | | | | |
|---|---|---|---|---|---|---|
| 163 | +0° | 3370 | 15 | 26.1 | +0 | 20 | 9.5 ✓ |
| 164 | +1° | 3099 | 15 | 27.9 | +1 | 14 | 9.5 ✓ |
| 165 | +1° | 3098 | 15 | 27.7 | +1 | 13 | 9.5 ✓ |
| 166 | +1° | 3093 | 15 | 25.5 | +1 | 45 | 9.3 ✓ |
| 167 | +0° | 3365 | 15 | 24.6 | +0 | 40 | 8.8 ✓ |
| 168 | +0° | 3366 | 15 | 24.6 | +0 | 36 | 9.2 ✓ |
| 169 | +0° | 3368 | 15 | 25.2 | +0 | 10 | 9.2 ✓ |
| 170 | +0° | 3369 | 15 | 25.4 | +0 | 1 | 9.5 ✓ |
| 171 | −0° | 2977 | 15 | 23.8 | −0 | 14 | 9.3 ✓ |
| 172 | −0° | 2976 | 15 | 23.7 | −0 | 18 | 9.2 ✓ |
| 173 | −0° | 2974 | 15 | 23.1 | −0 | 21 | 9.5 ✓ |
| 174 | +1° | 3089 | 15 | 22.9 | +1 | 5 | 9.5 ✓ |
| 175 | −0° | 2984 | 15 | 27.0 | −0 | 57 | 8.8 ✓ |
| 176 | −0° | 2989 | 15 | 29.6 | −0 | 12 | 9.0 ✓ |
| 177 | −0° | 2991 | 15 | 31.2 | −0 | 7 | 9.1 ✓ |
| 178 | +0° | 3386 | 15 | 31.3 | +0 | 25 | 9.3 ✓ |
| 179 | −0° | ~~3000~~ ~~2995~~ 2000 | 15 | ~~34.4~~ ~~32.2~~ 34.4 | −0 | ~~20~~ ~~25~~ 20 | .1 ~~9.5~~ 9.5 ✓ |
| 180 | −0° | 2997 | 15 | 33.0 | −0 | 26 | 8.8 ✓ |
| 181 | +0° | 3390 | 15 | 34.8 | +0 | 3 | 9.2 ✓ |
| 182 | +0° | 3395 | 15 | 37.4 | +0 | 48 | 9.0 ✓ |
| 183 | +1° | 3121 | 15 | 36.9 | +1 | 4 | 9.2 ✓ |
| 184 | +1° | 3122 | 15 | 37.5 | +1 | 8 | 9.5 ✓ |
| 185 | +1° | 3126 | 15 | 38.5 | +1 | 20 | 9.3 ✓ |
| 186 | +1° | 3128 | 15 | 38.8 | +1 | 7 | 8.8 ✓ |
| 187 | +1° | 3129 | 15 | 39.4 | +1 | 12 | 9.5 ✓ |
| 188 | +1° | 3132 | 15 | 40.3 | +1 | 9 | 9.4 ✓ |
| 189 | +1° | 3133 | 15 | 40.5 | +1 | 8 | 9.2 ✓ |

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1914phae.proj.2172C



Wednesday May 20 1914
B 1650 short

| | No. | Int. | Class | Remarks |
|---|---|---|---|---|
| ✓ | 190 | 3 | K2 | |
| ✓ | 191 | 4 | A2 | |
| ✓ | 192 | 1. | G0 | |
| ✓ | 193 | 3 | K0 | |
| ✓ | 194 | 3 | G0 | |
| 1.a | ✓ | 195. | 2 | G5 | Another star sup. s.f. |
| | ✓ | 196 | 1.1 | F8 | |
| | ✓ | 197 | 10 | K0 | |
| | ✓ | 198 | .7 | G5 | |
| | ✓ | 199 | 1 | K5 | |
| 10.32 | ✓ | 200 | 5. | K0 | B |

| | | | |
|---|---|---|---|
| 201 | 8 | G0 | |
| 202 | 2 | F5- | |
| 203 | 2 | G0 | |
| 204 | 2 | A2 | |
| 205 | 2 | K2 | |

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1914phae.proj.2172C



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 190 | +2° | 2996 | 15 | 40.2 | +2 | 52 | 9.1 | ✓ |
| 191 | +3° | 3084 | 15 | 39.9 | +3 | 39 | 8.9 | ✓ |
| 192 | +3° | 3081 | 15 | 38.5 | +3 | 25 | 9.5 | ✓ |
| | +0° | 3398 | | 38.6 | 0 | 27 | 9.0 | |
| 193 | ~~+3°~~ | ~~3084~~ | 15 | ~~39.9~~ | ~~+3~~ | ~~39~~ | ~~8.9~~ | ✓ |
| 194 | +0° | 3399 | 15 | 38.9 | +0 | 40 | 9.1 | ✓ |
| 195 | +4° | 3052 | 15 | 36.5 | +4 | 42 | 9.5 | Not D.M. star sup. |
| 196 | +5° | 3056 | 15 | 34.6 | +5 | 35 | 9.1 | ✓ |
| 197 | +1° | 3131 | 15 | 40.1 | +2 | 0 | 7.0 | ✓ |
| 198 | +2° | 3001 | 15 | 40.8 | +2 | 2 | 8.0 | ✓ |
| 199 | +0° | 3405 | 15 | 41.6 | +0 | 39 | 8.8 | ✓ |
| 200 | −0° | 3001 | 15 | 34.9 | −0 | 56 | 8.3 | ✓ |

Ident. on cards by Anne. Dec. 11, 1914
Ident. in ~~book~~ by J & M. Dec. 23, 1914.
Identification compared by G.R.B. Dec. 23, 1914

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ✓ | 201 | +1° | 3092 | 15 | 24.3 | + 1 | 23 | 7.8 | 66 on 237729 |
| ✓ | 202 | +1° | 3091 | 15 | 23.9 | + 1 | 21 | 9.1 | 65 " " |
| ✓ | 203 | +1° | 3088 | 15 | 22.4 | + 1 | 40 | 8.9 | 64 " " |
| ✓ | 204 | +3° | 3029 | 15 | 19.9 | + 3 | 25 | 9.5 | 122 " " |
| ✓ | 205 | +2° | 2957 | 15 | 17.7 | + 2 | 1 | 8.6 | 115 " " |

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1914phae.proj.2172C



Thursday May 21, 1914

B17 083 short

10.00

| No. | Int. | Class | Remarks |
|---|---|---|---|
| ✓ 1 | 2 | Ko | |
| ✓ 2 | 4 | Go | |
| ✓ 3 | 3 | K5 | |
| ✓ 4 | 2 | Ma | |
| ✓ 5 | 3 | A5 | |
| ✓ 6 | 4 | Ko | |
| ✓ 7 | 1 | G5 | |
| ✓ 8 | 5 | F5 | |
| ✓ 9 | 1 | Ko | |
| ✓ 10 | 1 | Ko | |
| ✓ 11 | 2 | Ko | |
| ✓ 12 | 4 | K2 | |
| ✓ 13 | 1 | Go | |
| ✓ 14 | 4 | Ko | |
| ✓ 15 | 7 | A0 | |
| ✓ 16 | 7 | G5 | |
| ✓ 17 | 4 | Ko | |
| ✓ 18 | 1 | G5 | |
| ✓ 19 | 3 | F8 | |
| ✓ 20 | 9 | K5 | |
| ✓ 21 | 1 | Go | |
| ✓ 22 | 1 | K5 | |
| ✓ 23 | 3 | Ko | |
| ✓ 24 | 6 | Ko | |
| ✓ 25 | 3 | Go | |
| ✓ 26 | 9 | Ko | |
| ✓ 27 | 1 | K5 | |

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1914phae.proj.2172C



| | | | | | |
|---|---|---|---|---|---|
| 1 | +4 | 3099 | 15 | 54.7 +4 | 13.7 | 8.5 ✓ |
| 2 | +4 | 3100 | 15 | 55.2 +4 | 4.0 | 8.3 ✓ |
| 3 | +4 | 3104 | 15 | 55.7 +4 | 2.6 | 8.6 ✓ |
| 4 | +4 | 3105 | 15 | 56.7 +4 | 8.0 | 8.5 ✓ |
| 5 | +4 | 3109 | 15 | 57.9 +4 | 40.2 | 9.3 ✓ |
| 6 | +3 | 3128 | 16 | 0.2 +3 | 46.4 | 8.1 ✓ |
| 7 | +3 | 3124 | 15 | 58.5 +3 | 19.2 | 9.0 ✓ |
| 8 | +3 | 3122 | 15 | 57.9 +3 | 27.5 | 8.5 ✓ |
| 9 | +3 | 3121 | 15 | 57.8 +3 | 25.1 | 8.7 ✓ |
| 10 | +3 | 3119 | 15 | 57.9 +3 | 36.1 | 9.0 ✓ |
| 11 | +3 | 3120 | 15 | 57.9 +3 | 11.2 | 9.0 ✓ |
| 12 | +3 | 3117 | 15 | 55.3 +3 | 4.1 | 8.6 ✓ |
| 13 | +2 | 3031 | 15 | 54.2 +2 | 44.6 | 9.1 ✓ |
| 14 | +2 | 3030 | 15 | 54.2 +2 | 28.6 | 8.6 ✓ |
| 15 | +2 | 3033 | 15 | 55.6 +2 | 6.2 | 8.0 ✓ |
| 16 | +2 | 3042 | 15 | 58.9 +2 | 5.5 | 7.3 ✓ |
| 17 | +2 | 3043 | 15 | 59.1 +2 | 28.9 | 8.4 ✓ |
| 18 | +2 | 3046 | 15 | 59.7 +2 | 55.9 | 9.2 ✓ |
| 19 | +3 | 3129 | 16 | 0.8 +3 | 16.4 | 8.7 ✓ |
| 20 | +3 | 3132 | 16 | 1.8 +3 | 50.4 | 6.3 ✓ |
| 21 | +4 | 3123 | 16 | 2.4 +4 | 13.5 | 9.0 ✓ |
| 22 | +3 | 3134 | 16 | 2.4 +3 | 18.8 | 8.8 ✓ |
| 23 | +2 | 3055 | 16 | 2.1 +2 | 55.1 | 8.7 ✓ |
| 24 | ~~+3~~ +2 | 3058 | 16 | 3.4 ~~+3~~ +2 | 59.6 | 8.0 ✓ |
| 25 | +3 | 3141 | 16 | 3.8 +3 | 17.8 | 8.6 ✓ |
| 26 | +2 ! | 3170 | 16 | 2.9 +2 ! | 58.6 | 7.0 ✓ |
| 27 | +2 | 3053 | 16 | 1.5 +2 | 14.3 | 8.5 ✓ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172C



Thursday May 21, 1914

B17083 short

| No. | Int. | Class | Remark |
|---|---|---|---|
| ✓ 28 | 1 | F8 | |
| ✓ 29 | 8 | K2 | |
| ✓ 30 | 2 | F8 | |
| ✓ 31 | 1 | K0 | |
| ✓ 32 | 2 | G0 | |
| ✓ 33 | 2 | F8 | |
| ✓ 34 | 4 | A2 | |
| ✓ 35 | 3 | F5 | |
| ✓ 36 | 1 | G0 | |
| ✓ 37 | 1 | K2 | |
| ✓ 38 | 1 | G0 | |
| ✓ 39 | 1 | A5 | |
| ✓ 40 | 10 | F5 | |
| ✓ 41 | 1 | G | |
| ✓ 42 | 1 | K5 | |
| ✓ 43 | 2 | G0 | |
| ✓ 44 | 1 | F2 | |
| ✓ 45 | 1 | G0 | |
| ✓ 46 | 5 | F5 | |
| ✓ 47 | 5 | F2 | |
| ✓ 48 | 2 | G5 | |
| ✓ 49 | 1 | K2 | |
| ✓ 50 | 3 | F2 | |
| ✓ 51 | 8 | F5 | |
| ✓ 52 | 6 | K2 | |
| ✓ 53 | 2 | A3 | |
| ✓ 54 | 2 | F8 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172C



| | | | | | | |
|---|---|---|---|---|---|---|
| 28 | +1 | 3167 | 16 | 1.9 | +1 | 14.1 | 9.3 ✓ |
| 29 | +1 | 3168 | 16 | 2.3 | +1 | 11.4 | 7.0 ✓ |
| 30 | +0 | 3461 | 16 | 1.1 | +0 | 57.0 | 8.8 ✓ |
| 31 | +1 | 3173 | 16 | 4.7 | +1 | 2.4 | 9.1 ✓ |
| 32 | +1 | 3176 | 16 | 5.6 | +1 | 1.4 | 9.0 ✓ |
| 33 | +1 | 3178 | 16 | 6.2 | +1 | 1.9 | 9.1 ✓ |
| 34 | +0 | 3475 | 16 | 6.9 | +0 | 52.4 | 8.9 ✓ |
| 35 | +1 | 3185 | 16 | 7.6 | +1 | 20.6 | 9.1 ✓ |
| 36 | +1 | 3184 | 16 | 7.0 | +1 | 34.6 | 9.2 ✓ |
| 37 | +1 | 3181 | 16 | 6.8 | +1 | 53.2 | 9.0 ✓ |
| 38 | +1 | 3179 | 16 | 6.4 | +1 | 52.3 | 9.3 ✓ |
| 39 | +1 | 3180 | 16 | 6.6 | +1 | 45.7 | 9.2 ✓ |
| 40 | +3 | 3151 | 16 | 7.1 | +3 | 2.0 | 7.5 ✓ |
| 41 | +3 | 3152 | 16 | 7.2 | +3 | 8.0 | 9.3 ✓ |
| 42 | +3 | 3157 | 16 | 8.6 | +3 | 25.8 | 8.8 ✓ |
| 43 | +4 | 3148 | 16 | 9.6 | +4 | 8.4 | 9.0 ✓ |
| 44 | +4 | 3150 | 16 | 9.7 | +4 | 13.1 | 9.2 ✓ |
| 45 | +3 | 3159 | 16 | 10.3 | +3 | 23.9 | 9.0 ✓ |
| 46 | +3 | 3166 | 16 | 12.5 | +3 | 15.3 | 8.5 ✓ |
| 47 | +3 | 3167 | 16 | 12.5 | +3 | 1.6 | 8.7 ✓ |
| 48 | +2 | 3078 | 16 | 12.6 | +2 | 40.8 | 9.0 ✓ |
| 49 | +3 | 3170 | 16 | 13.2 | +3 | 14.0 | 8.9 ✓ |
| 50 | +3 | 3171 | 16 | 13.6 | +3 | 5.2 | 9.0 ✓ |
| 51 | +3 | 3174 | 16 | 15.1 | +3 | 2.8 | 7.4 ✓ |
| 52 | +3 | 3173 | 16 | 15.0 | +3 | 13.9 | 7.0 ✓ |
| 53 | +3 | 3175 | 16 | 15.1 | +3 | 49.7 | 9.0 ✓ |
| 54 | +3 | 3179 | 16 | 15.6 | +3 | 5.3 | 9.2 ✓ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



Thursday May 21, 1914

B 1708 3 shot

| No. | Int. | Class | Remark |
|---|---|---|---|
| ✓ 55 | 3 | K2 | |
| ✓ 56 | 3 | A5 | |
| ✓ 57 | 4 | G5 | |
| ✓ 58 | 2 | K0 | |
| ✓ 59 | 2 | G | Nearly all such as 58 |
| ✓ 60 | 3 | K5 | |
| ✓ 61 | 4 | A2 | |
| ✓ 62 | 8 | F5 | |
| ✓ 63 | 2 | K0 | |
| ✓ 64 | 5 | F8 | |
| ✓ 65 | 10 | A0 | |
| ✓ 66 | 10 | G5 | |
| ✓ 67 | 2 | K2 | |
| ✓ 68 | 2 | K5 | |
| ✓ 69 | 6 | K5 | |
| ✓ 70 | 3 | K0 | |
| ✓ 71 | 2 | A3 | |
| ✓ 72 | 2 | K0 | C |
| ✓ 73 | 3 | K0 | C |
| ✓ 74 | 6 | A0 | |
| ✓ 75 | 2 | K2 | |
| ✓ 76 | 3 | K0 | |
| ✓ 77 | 3 | F8 | |
| ✓ 78 | 4 | K2 | |
| ✓ 79 | 4 | A3 | |
| ✓ 80 | 2 | F0 | |
| ✓ 81 | 9 | A0 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172C



| | | | | | |
|---|---|---|---|---|---|
| 55 | +2 | 3089 | 16 | 15.0 +2 | 49.8 | 9.2 ✓ |
| 56 | +1 | 3216 | 16 | 14.8 +1 | 55.7 | 9.1 ✓ |
| 57 | +1 | 3220 | 16 | 16.1 +1 | 53.4 | 8.8 ✓ |
| 58 | +2 | 3091 | 16 | 16.2 +2 | 33.8 | 8.9 ✓ |
| 59 | +2 | 3090 | 16 | 16.2 +2 | 37.3 | 9.0 ✓ |
| 60 | +1 | 3224 | 16 | 17.0 +1 | 36.1 | 8.5 ✓ |
| 61 | +1 | 3221 | 16 | 16.6 +1 | 25.9 | 9.0 ✓ |
| 62 | +1 | 3225 | 16 | 17.2 +1 | 30.8 | 8.5 ✓ |
| 63 | +1 | 3228 | 16 | 18.0 +1 | 33.4 | 8.8 ✓ |
| 64 | +2 | 3100 | 16 | 18.8 +2 | 6.5 | 8.8 ✓ |
| 65 | +2 | 3103 | 16 | 19.1 +2 | 49.9 | 7.2 ✓ |
| 66 | +2 | 3106 | 16 | 19.6 +2 | 40.7 | 7.0 ✓ |
| 67 | +2 | 3102 | 16 | 19.1 +2 | 35.9 | 9.4 ✓ |
| 68 | +2 | 3107 | 16 | 20.6 +2 | 38.0 | 9.1 ✓ |
| 69 | +3 | 3199 | 16 | 20.3 +3 | 11.9 | 6.8 ✓ |
| 70 | +3 | 3203 | 16 | 21.4 +3 | 36.2 | 8.9 ✓ |
| 71 | +4 | 3188 | 16 | 21.7 +4 | 21.1 | 9.2 ✓ |
| 72 | +3 | 3215 | 16 | 25.7 +3 | 33.8 | 9.0 ✓ |
| 73 | +2 | 3128 | 16 | 25.7 +2 | 51.8 | 8.9 ✓ ✓ |
| 74 | +2 | 3118 | 16 | 23.6 +2 | 17.1 | 4.0 Prismatic companion? |
| 75 | +1 | 3238 | 16 | 20.4 +1 | 23.9 | 9.1 ✓ |
| 76 | +1 | 3237 | 16 | 20.0 +1 | 41.9 | 9.1 ✓ |
| 77 | +1 | 3235 | 16 | 19.5 +1 | 21.1 | 9.0 ✓ |
| 78 | +1 | 3234 | 16 | 19.2 +1 | 6.1 | 8.8 ✓ |
| 79 | +1 | 3229 | 16 | 18.0 +1 | 4.3 | 9.2 ✓ |
| 80 | +1 | 3227 | 16 | 18.0 +1 | 19.4 | 9.2 ✓ |
| 81 | +0 | 3508 | 16 | 14.8 +0 | 51.1 | 8.4 ✓ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



Thursday May 21, 1914
B 17083 chart

| No. | Int. | Class | Remarks |
|---|---|---|---|
| ✓ 82 | 4 | K2 | |
| ✓ 83 | 5 | K2 | |
| ✓ 84 | 3 | K0 | |
| ✓ 85 | 4 | F8 | |
| ✓ 86 | 7 | K0 | |
| ✓ 87 | 10 r | F | Burned out. |
| ✓ 88 | 3 | F8 | |
| ✓ 89 | 1 | G | Partly sup. on 88 |
| ✓ 90 | 1 | K5 | |
| ✓ 91 | 1 | K0 | |
| ✓ 92 | 2 | K | Two stars ? |
| ✓ 93 | 8 | K0 | |
| ✓ 94 | 1 | F8 | |
| ✓ 95 | 4 | A3 | |
| ✓ 96 | 1 | G0 | Partly sup. on 95 |
| ✓ 97 | 1 | K0 | |
| ✓ 98 | 3 | A0 | |
| ✓ 99 | 2 | G0 | |
| ✓ 100 | 3 | A2 | |
| ✓ 101 | 2 | F2 | |
| ✓ 102 | 4 | K2 | |
| ✓ 103 | 6 | K0 | |
| ✓ 104 | 3 | G0 | |
| ✓ 105 | 7 | K0 | |
| ✓ 106 | 4 | F8 | |
| ✓ 107 | 4 | K2 | |
| ✓ 108 | 2 | K2 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



| | | | | | |
|---|---|---|---|---|---|
| 82 | +0 | 3506 | 16 | 144 +0 | 55.1 | 8.8 ✓ |
| 83 | +0 | 3503 | 16 | 13.7 +0 | 58.0 | 8.3 ✓ |
| 84 | +1 | 3208 | 16 | 13.0 +1 | 15.5 | 8.7 ✓ |
| 85 | +1 | 3206 | 16 | 12.9 +1 | 36.4 | 9.1 ✓ |
| 86 | +1 | 3212 | 16 | 14.5 +1 | 33.1 | 8.2 ✓ |
| 87 | +1 | 3215 | 16 | 14.7 +1 | 22.0 | 5.0 ✓ |
| 88 | +2 | 3084 | 16 | 13.1 +2 | 8.3 | 9.0 ✓ |
| 89 | +2 | 3083 | 16 | 13.0 +2 | 9.5 | 9.2 ✓ |
| 90 | +1 | 3205 | 16 | 12.5 +1 | 50.5 | 8.9 ✓ |
| 91 | +1 | 3199 | 16 | 11.2 +1 | 20.8 | 9.3 ✓ ✓ |
| 92 | +1 | 3197 | +16 | 11.1 +1 | 13.7 | 9.2 {Superposed. 2 4 Mag<br>Dm 3196 16 11.1 +1° 14.7 9.3 |
| 93 | +1 | 3194 | 16 | 10.4 +1 | 51.4 | 7.4 ✓ |
| 94 | +1 | 3192 | 16 | 10.1 +1 | 52.0 | 9.1 ✓ |
| 95 | +1 | 3190 | 16 | 9.5 +1 | 38.8 | 9.0 ✓ |
| 96 | +1 | 3191 | 16 | 9.5 +1 | 33.2 | 9.2 ✓ |
| 97 | +1 | 3189 | 16 | 9.4 +1 | 13.4 | 9.2 ✓ |
| 98 | +0 | 3485 | 16 | 9.5 +0 | 58.0 | 9.1 ✓ |
| 99 | +0 | 3486 | 16 | 10.1 +0 | 47.5 | 9.2 ✓ |
| 100 | +0 | 3488 | 16 | 10.2 +0 | 22.9 | 9.0 ✓ |
| 101 | +0 | 3478 (9) | 16 | 7.7 (8.1) +0 | 46.5 | 9.2 ✓ |
| 102 | +0 | 3477 | 16 | 7.5 +0 | 6.5 | 8.3 ✓ |
| 103 | −0 | 3082 | 16 | 7.2 −0 | 1.1 | 8.2 ✓ |
| 104 | +0 | 3474 | 16 | 6.8 +0 | 12.8 | 9.0 ✓ |
| 105 | −0 | 3078 | 16 | 5.8 −0 | 9.0 | 7.5 ✓ |
| 106 | +0 | 3469 | 16 | 4.8 +0 | 16.6 | 8.2 ✓ |
| 107 | −0 | 3058 | 16 | 0.7 −0 | 6.6 | 8.4 ✓ |
| 108 | +0 | 3455 | 15 | 58.9 +0 | 11.7 | 8.5 ✓ |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.21720



Thursday May 21, 1914

B 17083 short

| | No. | Int. | Class | Remarks |
|---|---|---|---|---|
| ✓ | 109 | 7 | g5 | |
| ✓ | 110 | 1 | K0 | |
| ✓ | 111 | 1 | K5 | |
| ✓ | 112 | 9 | M8 | |
| ✓ | 113 | 3 | A2 | |
| ✓ | 114 | 1 | g0 | |
| ✓ | 115 | 8 | A | |
| ✓ | 116 | 3 | g5 | b |
| ✓ | 117 | 2 | g5 | |
| ✓ | 118 | 4 | K5 | |
| ✓ | 119 | 5 | g0 | |
| ✓ | 120 | 6 | g0 | |
| ✓ | 121 | 1 | M5 | |
| 10.22 | ✓ | 122 | 4 | g5 |
| | | 123 | | |
| | | 124 | | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172C



| | | | | | |
|---|---|---|---|---|---|
| 109 | +0 | 3457 | 15 | 588 +0 | 1.3 | 8.0 ✓ |
| 110 | +0 | 3452 | 15 | 578 +0 | 17.0 | 8.9 ✓ |
| 111 | +0 | 3451 | 15 | 57.1 +0 | 22.2 | 8.8 ✓ |
| 112 | +1 | 3160 | 15 | 57.1 +1 | 4.0 | 7.2 ✓ |
| 113 | +14 | 3092 | 15 | 52.3 +14 | 11.3 | 9.0 ✓ |
| 114 | +3 | 3109 | 15 | 52.4 +3 | 51.7 | 9.1 ✓ |
| 115 | +3 | 3104 | 15 | 50.0 +3 | 49.0 | 7.3 ✓ |
| 116 | +3 | 3099 | 15 | 48.7 +3 | 16.8 | 8.5 ✓ |
| 117 | +2 | 3022 | 15 | 48.4 +2 | 57.9 | 8.9 ✓ |
| 118 | +1 | 3154 | 15 | 52.7 +1 | 2.1 | 7.4 ✓ |
| 119 | +0 | 3443 | 15 | 533 +0 | 45.1 | 8.5 ✓ |
| 120 | +0 | 3441 | 15 | 529 +0 | 32.5 | 8.5 ✓ |
| 121 | +1 | 3156 | 15 | 53.3 +1 | 14.4 | 9.2 ✓ |
| 122 | −0 | 3049 | 15 | 55.3 −0 | 0.8 | 7.8 ✓ |

Identified on cards by Anc. Nov. 27, 1914
Identified in Berkley E. 7 G. Nov. 25 1914.
Identification completed by G.R.B. Nov. 28, 1914

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1914phae.proj.21720



Thursday May 21, 1914
B13412 short

| 10.24 | No. | Int. | Class | Remarks |
|---|---|---|---|---|
| ✓ | 1 | 2 | K2 | |
| ✓ | 2 | 3 | F5 | |
| ✓ | 3 | 7 | A2 | |
| ✓ | 4 | 10 | K0 | |
| ✓ | 5 | 4 | G0 | |
| ✓ | 6 | 1 | K0 | |
| ✓ | 7 | 3 | A0 | |
| ✓ | 8 | 4 | A0 | |
| ✓ | 9 | 1 | G0 | |
| ✓ | 10 | 3 | K0 | |
| ✓ | 11 | 5 | G5 | |
| ✓ | 12 | 7 | A0 | |
| ✓ | 13 | 3 | A5 | |
| ✓ | 14 | 9 | A0 | |
| ✓ | 15 | 2 | K0 | |
| ✓ | 16 | 3 | K5 | |
| ✓ | 17 | 1 | A | |
| ✓ | 18 | 3 | F5 | |
| ✓ | 19 | 8 | F8 | |
| ✓ | 20 | 5 | ma | |
| ✓ | 21 | 6 | A0 | |
| ✓ | 22 | 3 | K5 | |
| ✓ | 23 | 7 | A2 | |
| ✓ | 24 | 5 | K2 | b |
| ✓ | 25 | 2. | K2 | |
| ✓ | 26 | 8. | G0 | b |
| ✓ | 27 | 4 | G5 | b |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172C



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | +3° | 3087 | 15 | 42.6 | +3 | 14 | 8.0 ✓ |
| 2 | +3° | 3088 | 15 | 43.7 | +3 | 19 | 8.8 ✓ |
| 3 | +2° | 3004 | 15 | 42.6 | +2 | 57 | 7.5 ✓ |
| 4 | +2° | 3007 | 15 | 43.0 | +2 | 38 | 5.8 ✓ |
| 5 | +2° | 3008 | 15 | 43.1 | +2 | 15 | 8.5 ✓ |
| 6 | +2° | 3005 | 15 | 42.7 | +2 | 11 | 9.0 ✓ |
| 7 | +1° | 3134 | 15 | 41.6 | +1 | 59 | 9.3 ✓ |
| 8 | +1° | 3138 | 15 | 45.0 | +1 | 10 | 8.8 ✓ |
| 9 | Approx. | 1855 | 15 | 45.8 | +1 | ~~15~~ | ✓ |
| 10 | +0° | 3423 | 15 | 46.3 | +0 | 44 | 9.0 ✓ |
| 11 | +0° | 3429 | 15 | 48.0 | +0 | 30 | 8.5 ✓ |
| 12 | +0° | 3435 | 15 | 50.3 | +0 | 20 | 8.4 ✓ |
| 13 | +0° | 3438 | 15 | 51.1 | +0′ | 0 | 8.7 ✓ |
| 14 | +1° | 3151 | 15 | 51.7 | +1 | 0 | 7.5 ✓ |
| 15 | +1° | 3142 | 15 | 47.4 | +1 | 26 | 9.0 ✓ |
| 16 | +2° | 3020 | 15 | 47.1 | +2 | 34 | 8.2 ✓ |
| 17 | +2° | 3016 | 15 | 45.9 | +2 | 34 | 9.2 ✓ |
| 18 | +4° | 3073 | 15 | 45.0 | +4 | 25 | 8.8 ✓ |
| 19 | +0° | 3401 | 15 | 39.9 | +0 | 10 | 7.5 ✓ |
| 20 | −0° | 3011 | 15 | 41.4 | −0 | 33 | 7.5 ✓ |
| 21 | −0° | 3026 | 15 | 45.1 | −0 | 34 | 8.0 ✓ |
| 22 | −0° | 3040 | 15 | 49.6 | −0 | 19 | 8.0 ✓ |
| 23 | −0° | 3048 | 15 | 54.7 | −0 | 25 | 7.2 ✓ |
| 24 | −0° | 3052 | 15 | 57.3 | −0 | 46 | 7.9 ✓ |
| 25 | −1° | 3129 | 15 | 55.5 | −1 | 14 | 8.0 ✓ |
| 26 | −1° | 3118 | 15 | 48.4 | −1 | 44 | 7.0 ✓ |
| 27 | −1° | ~~3108~~ 3109 | 15 | ~~44.7~~ 45.1 | −1 | ~~50~~ 28 | ~~8.5~~ 8.0 ✓ |

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1914phae.proj.21720



Thursday May 21, 1914
B43H12 short

| | No. | Int. | Class | Remarks |
|---|---|---|---|---|
| | ✓ 28 | 5 | Ao | |
| 10.30 | ✓ 29 | 3 | Bb | |
| | 30 | | | |
| | 30 | 8. | Ko | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172C



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 28 | −1° | 3103 | 15 | 41.7 | −1 | 32 | 7.8 ✓ |
| 29 | −0° | 3008 | 15 | 39.9 | −0 | 36 | 8.5 ✓ |

Ident on cards by AMC. Dec. 30. 1914

Ident in book by JCM. Jan. 6, 1914.5

Identification compared by S.R.B. Jan. 7, 1915

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ✓ | 30 | +4° | 3096 | 15 | 837 | +4 | 57 | 6.1 | 79 in B13817 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172C



Thursday May 21, 1914

B 11333 that

| | No | Int. | Class | Remarks |
|---|---|---|---|---|
| 10.32 | ✓ 1 | 2 | $G_8$ | |
| | ✓ 2 | 2 | $A_2$ | |
| | ✓ 3 | 3 | $A_5$ | |
| | ✓ 4 | 3 | $G_0$ | |
| | ✓ 5 | 4 | $F_5$ | |
| | ✓ 6 | 3 | $F_0$ | |
| | ✓ 7 | 1 | $K_0$ | |
| | ✓ 8 | 1 | $K_5$ | |
| | ✓ 9 | 1 | $K_5$ | |
| | ✓ 10 | 2 | $A_2$ | |
| | ✓ 11 | 3 | $K_0$ | |
| | ✓ 12 | 3 | $F_2$ | |
| | ✓ 13 | 3 | $A_0$ | |
| | ✓ 14 | 1 | $K_0$ | |
| 10.34 | ✓ 15 | 1 | $K_2$ | |
| | 16 | 2 | $A_0$ | |
| | 17 | 4 | $G_0$ | |
| | 18 | 2 | $F_8$ | |
| | 19 | 3 | $K_2$ | |
| | 20 | 1 | $K_2$ | |
| | 21 | 2 | $G_5$ | |
| | 22 | 3 | $G_0$ | |
| | 23 | 2 | $G_0$ | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172C



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | +9 | 3003 | 15 | 2.0 | +9 | 45.1 | 9.0 ✓ |
| 2 | +7 | 2908 | 15 | 3.5 | +7 | 15.1 | 9.3 ✓ |
| 3 | +7 | 2912 | 15 | 5.0 | +7 | 10.3 | 8.9 ✓ |
| 4 | +7 | 2913 | 15 | 5.7 | +7 | 21.1 | 8.8 ✓ |
| 5 | +7 | 2914 | 15 | 5.7 | +7 | 56.2 | 8.6 ✓ |
| 6 | +8 | 2997 | 15 | 6.6 | +8 | 13.5 | 9.0 ✓ |
| 7 | +8 | 2994 | 15 | 6.0 | +8 | 34.0 | 9.0 ✓ |
| 8 | +8 | 2996 | 15 | 6.3 | +8 | 47.0 | 8.9 ✓ |
| 9 | +7 | 2918 | 15 | 6.9 | +7 | 23.1 | 9.0 ✓ |
| 10 | +6 | 3012 | 15 | 6.9 | +5⁶ | 53.9 | 9.1 ✓ |
| 11 | +8 | 3017 | 15 | 15.3 | +8 | 19.5 | 8.7 ✓ |
| 12 | +7 | 2946 | 15 | 15.5 | +7 | 51.3 | 9.0 ✓ |
| 13 | +7 | 2947 | 15 | 15.8 | +7 | 29.7 | 9.1 ✓ |
| 14 | +7 | 2952 | 15 | 16.7 | +7 | 40 | 9.3 ✓ |
| 15 | +5 | 3006 | 15 | 19.0 | +5 | 39.4 | 8.8 ✓ |

Ident. on cards by Auc. Jan. 8, 1915
Ident. on Bark by E. T. G. Jan. 16, 1915.
Identification compared by G. R. B. Jan. 18, 1915

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ✓ | 16 | +7° | 2889 | 14 | 57.9 | + 7 | 16 | 9.0 | 131 on D37729 |
| ✓ | 17 | +6° | 2987 | 14 | 58.1 | + 6 | 51 | 8.7 | 130 " " |
| ✓ | 18 | +6° | 2997 | 14 | 59.8 | + 6 | 56 | 9.2 | 132 " " |
| ✓ | 19 | +7° | 2937 | 15 | 11.9 | + 7 | 31 | 8.5 | 157 " " |
| ✓ | 20 | +6° | 3018 | 15 | 10.1 | + 6 | 14 | 9.0 | 155 " " |
| - | 21 | +9 | 3017 | 15- | 11.4 | +9 | 18 | 8.9 | 4 on D37689 |
| - | 22 | +8 | 3015 | 15- | 14.6 | +8 | 58 | 8.8 | 7 " " |
| ✓ | 23 | +9 | 3001 | 15- | 0.8 | +9 | 27 | 8.7 | 95 on B12011 |

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1914phae.proj.2172C



Thursday May 21, 1914

8 41 88 short

| 10.46 | No. | Int. | Class | Remark |
|---|---|---|---|---|
| ✓ | 1 | 4 | F5 | |
| ✓ | 2 | 2 | K2 | |
| ✓ | 3 | 3 | K5 | |
| ✓ | 4 | 5 | K2 | |
| ✓ | 5 | 5 | F8 | |
| ✓ | 6 | 1 | K5 | |
| ✓ | 7 | 3 | G0 | |
| ✓ | 8 | 4 | A5 | |
| ✓ | 9 | 3 | F5 | |
| ✓ | 10 | 2 | K0 | |
| ✓ | 11 | 2 | K5 | |
| ✓ | 12 | 6 | K0 | |
| ✓ | 13 | 1 | K5 | |
| ✓ | 14 | 2 | G5 | |
| ✓ | 15 | 1 | K2 | |
| ✓ | 16 | 7 | A3 | |
| ✓ | 17 | 5 | A0 | |
| ✓ | 18 | 3 | K5 | |
| ✓ | 19 | 1 | F8 | |
| ✓ | 20 | 2 | K2 | |
| ✓ | 21 | 5 | G5 | |
| ✓ | 22 | 1 | F5 | |
| ✓ | 23 | 2 | K2 | |
| ✓ | 24 | 2 | K5 | |
| ✓ | 25 | 1 | K5 | |
| ✓ | 26 | 3 | K0 | |
| ✓ | 27 | 1 | K5 | |

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1914phae.proj.2172C



| | | | | | | |
|---|---|---|---|---|---|---|
| 1 | -4 | 3930 | 15 | 29.2 | -4 | 8.8 | 8.5 ✓ |
| 2 | -4 | 3933 | 15 | 29.3 | -4 | 28.3 | 8.7 ✓ |
| 3 | -4 | 3936 | 15 | 30.3 | -4 | 56.4 | 8.0 ✓ |
| 4 | -5 | 4117 | 15 | 29.2 | -5 | 33.0 | 7.0 ✓ |
| 5 | -5 | 4114 | 15 | 28.7 | -5 | 21.6 | 8.0 ✓ |
| 6 | -5 | 4119 | 15 | 29.4 | -5 | 27.0 | 8.6 ✓ |
| 7 | -5 | 4125 | 15 | 30.6 | -5 | 39.3 | 8.0 ✓ |
| 8 | -5 | 4128 | 15 | 31.1 | -5 | 50.7 | 8.2 ✓ |
| 9 | -5 | 4130 | 15 | 31.3 | -5 | 32.9 | 8.5 ✓ |
| 10 | -5 | 4136 | 15 | 33.2 | -5 | 9.7 | 8.4 ✓ |
| 11 | -5 | 4139 | 15 | 33.7 | -5 | 30.7 | 8.0 ✓ |
| 12 | -5 | 4143 | 15 | 34.0 | -5 | 58.4 | 7.0 ✓ |
| 13 | -4 | 3953 | 15 | 34.9 | -4 | 40.4 | 8.3 ✓ |
| 14 | -4 | 3955 | 15 | 35.5 | -4 | 56.8 | 8.7 ✓ |
| 15 | -4 | 3958 | 15 | 36.0 | -4 | 32.3 | 8.9 ✓ |
| 16 | -3 | 3820 | 15 | 36.9 | -3 | 22.4 | 8.0 ✓ |
| 17 | -3 | 3823 | 15 | 38.6 | -3 | 28.9 | 8.3 ✓ |
| 18 | -3 | 3824 | 15 | 38.9 | -3 | 36.3 | 8.0 ✓ |
| 19 | -3 | 3825 | 15 | 39.1 | -3 | 22.2 | 8.8 ✓ |
| 20 | -2 | 4040 | 15 | 36.8 | -2 | 32.8 | 8.3 ✓ |
| 21 | -2 | 4034 | 15 | 33.9 | -2 | 9.9 | 7.9 ✓ |
| 22 | -1 | 3083 | 15 | 34.8 | -1 | 34.5 | 9.0 ✓ |
| 23 | -1 | 3085 | 15 | 35.7 | -1 | 14.7 | 8.8 ✓ |
| 24 | -1 | 3086 | 15 | 36.0 | -1 | 27.2 | 8.7 ✓ |
| 25 | -1 | 3089 | 15 | 36.5 | -1 | 51.2 | 9.0 ✓ |
| 26 | -0 | 3004 | 15 | 37.9 | -0 | 56.0 | 8.8 ✓ |
| 27 | -0 | 3005 | 15 | 38.5 | -0 | 59.2 | 8.8 ✓ |

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1914phae.proj.21720



Thursday May 21, 1914

B 24 1 8 8 shot

| No | Int. | Class | Remarks |
|---|---|---|---|
| ✓ 28 | 1 | K5 | |
| ✓ 29 | 5 | M8 | |
| ✓ 30 | 10 | B8 | |
| ✓ 31 | 3 | K5 | |
| ✓ 32 | 5 | G0 | |
| ✓ 33 | 6 | A0 | |
| ✓ 34 | 4 | B9 | Perhaps a trail of a very bright star. |
| ✓ 35 | 10 | A2 | |
| ✓ 36 | 7 | A0 | |
| ✓ 37 | 5 | G0 | |
| ✓ 38 | 6 | B9 | |
| ✓ 39 | 3 | G5 | |
| ✓ 40 | 1 | G5 | |
| ✓ 41 | 8 | K0 | |
| ✓ 42 | 6 | K0 | |
| ✓ 43 | 1 | K0 | |
| ✓ 44 | 3 | K0 | |
| ✓ 45 | 1 | K2 | |
| ✓ 46 | 4 | G0 | |
| ✓ 47 | 3 | G0 | |
| ✓ 48 | 7 | M5 | |
| ✓ 49 | 10+ | A0 | |
| ✓ 50 | 3 | B2 | |
| ✓ 51 | 1 | M5 | |
| ✓ 52 | 4 | G0 | |
| ✓ 53 | 1 | M8 | |
| ✓ 54 | 1 | K5 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172C



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 28 | -1 | 3093 | 15 | 38.7 | -1 | 6.6 | 8.8 ✓ |
| 29 | -1 | 3095 | 15 | 39.1 | -1 | 8.5 | 8.7 ✓ |
| 30 | -1 | 3092 | 15 | 38.6 | -1 | 20.9 | 5.5 ✓ |
| 31 | -2 | 4044 | 15 | 39.7 | -2 | 9.7 | 8.2 ✓ |
| 32 | -1 | 3100 | 15 | 41.0 | -1 | 43.6 | 8.3 ✓ |
| 33 | -2 | 4051 | 15 | 41.6 | -2 | 47.1 | 8.2 ✓ |
| 34 | -2 | 4052 | 15 | 42.0 | -2 | 58.8 | 3.8 ✓ |
| 35 | -3 | 3829 | 15 | 41.4 | -3 | 22.1 | 6.0 ✓ |
| 36 | -3 | 3833 | 15 | 42.4 | -3 | 28.3 | 7.2 ✓ |
| 37 | -4 | 3977 | 15 | 40.6 | -4 | 20.0 | 7.8 ✓ |
| 38 | -4 | 3982 | 15 | 41.7 | -4 | 30.5 | 8.0 ✓ |
| 39 | -4 | 3975 | 15 | 39.7 | -4 | 40.0 | 8.0 ✓ |
| 40 | -4 | 3976 | 15 | 40.2 | -4 | 52.3 | 8.5 ✓ |
| 41 | -5 | 4161 | 15 | 39.1 | -5 | 40.3 | 6.3 ✓ |
| 42 | -5 | 4158 | 15 | 37.8 | -5 | 41.3 | 7.2 ✓ |
| 43 | -5 | 4171 | 15 | 42.4 | -5 | 38 | 8.8 ✓ |
| 44 | -5 | 4182 | 15 | 44.0 | -5 | 32.9 | 8.5 ✓ |
| 45 | -3 | 3836 | 15 | 44.7 | -3 | 53.1 | 8.0 ✓ |
| 46 | -4 | 3995 | 15 | 46.1 | -4 | 30 | 8.0 ✓ |
| 47 | -4 | 3997 | 15 | 46.8 | -4 | 16.2 | 8.3 ✓ |
| 48 | -2 | 4064 | 15 | 45.8 | -2 | 35.4 | 7.5 ✓ |
| 49 | -2 | 4058 | 15 | 43.7 | -2 | 39.0 | 5.6 ✓ |
| 50 | -2 | 4055 | 15 | 42.8 | -2 | 36.5 | 8.5 ✓ |
| 51 | -1 | 3106 | 15 | 43.0 | -1 | 47.7 | 9.0 ✓ |
| 52 | -1 | 3108 | 15 | 44.7 | -1 | 49.5 | 8.5 ✓ |
| 53 | -1 | 3112 | 15 | 45.7 | -1 | 30.0 | 9.0 ✓ |
| 54 | -1 | 3113 | 15 | 46.0 | -1 | 30.4 | 9.0 ✓ |

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1914phae.proj.21720



Thursday May 21, 1914

P 41 188 shot

| | No. | Int | Class | Remarks |
|---|---|---|---|---|
| ✓ | 55 | 2 | K2 | |
| ✓ | 56 | 3 | A3 | |
| ✓ | 57 | 2 | G0 | |
| ✓ | 58 | 4 | K0 | |
| ✓ | 59 | 3 | A2 | |
| ✓ | 60 | 3 | G5 | |
| ✓ | 61 | 2 | G5 | |
| ✓ | 62 | 1 | K2 | |
| ✓ | 63 | 4 | K0 | |
| ✓ | 64 | 3 | F8 | |
| ✓ | 65 | 2 | K5 | |
| ✓ | 66 | 4 | A0 | |
| ✓ | 67 | 2 | A2 | |
| ✓ | 68 | 5 | G0 | |
| ✓ | 69 | 8 | F2 | |
| ✓ | 70 | 6 | F2 | |
| ✓ | 71 | 5 | A0 | |
| ✓ | 72 | 6 | F5 | |
| ✓ | 73 | 8 | A0 | |
| ✓ | 74 | 5 | A5 | |
| ✓ | 75 | 2 | K2 | |
| ✓ | 76 | 4 | K0 | |
| ✓ | 77 | 5 | K0 | |
| ✓ | 78 | 2 | K0 | |
| ✓ | 79 | 5 | K2 | |
| ✓ | 80 | 4 | F5 | |
| 10.57 | 81 | 3 | F5 | |

encl. 139, 142

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1914phae.proj.2172C



| | | | | | |
|---|---|---|---|---|---|
| 55 | −0 | 3025 | 15 | 45.1 −0 | 53.9 | 8.7 ✓ |
| 56 | −0 | 3029 | 15 | 45.7 −0 | 49.6 | 8.8 ✓ |
| 57 | −0 | 3028 | 15 | 45.6 −0 | 41.3 | 9.0 ✓ |
| 58 | −0 | 3022 | 15 | 43.5 −0 | 30.6 | 8.7 ✓ |
| 59 | −0 | 3014 | 15 | 41.9 −0 | 18.8 | 9.0 ✓ |
| 60 | −0 | 3013 | 15 | 41.8 −0 | 11.5 | 9.0 ✓ |
| 61 | −0 | 3007 | 15 | 39.9 −0 | 9.7 | 9.0 ✓ |
| 62 | +0 | 3407 | 15 | 42.6 +0 | 11.8 | 9.3 ✓ |
| 63 | +0 | 3412 | 15 | 43.4 +0 | 18.9 | 8.8 ✓ |
| 64 | −0 | 3036 | 15 | 49.2 −0 | 28.5 | 9.0 ✓ |
| 65 | −0 | 3038 | 15 | 49.4 −0 | 31.9 | 8.4 ✓ |
| 66 | −2 | 4077 | 15 | 49.5 −2 | 33.9 | 8.3 ✓ |
| 67 | −2 | 4080 | 15 | 50.4 −2 | 45.4 | 8.7 ✓ |
| 68 | −2 | 4085 | 15 | 51.3 −2 | 39.6 | 7.9 ✓ |
| 69 | −3 | 3859 | 15 | 54.1 −3 | 21.3 | 7.0 ✓ |
| 70 | −3 | 3864 | 15 | 55.1 −3 | 15.1 | 8.0 ✓ |
| 71 | −4 | 4020 | 15 | 52.6 −4 | 39.6 | 8.2 ✓ |
| 72 | −4 | 4007 | 15 | 49.5 −4 | 58.5 | 7.8 ✓ |
| 73 | −5 | 4199 | 15 | 49.4 −5 | 52.8 | 7.0 ✓ |
| 74 | −6 | 4317 | 15 | 49.4 −6 | 24.0 | 7.8 ✓ |
| 75 | −6 | 4316 | 15 | 49.3 −6 | 33.1 | 8.2 ✓ |
| 76 | −6 | 4324 | 15 | 50.8 −6 | 16.9 | 7.8 ✓ |
| 77 | −5 | 4210 | 15 | 52.1 −5 | 42.6 | 7.0 ✓ |
| 78 | −5 | 4213 | 15 | 52.9 −5 | 14.2 | 8.3 ✓ |
| 79 | −5 | 4221 | 15 | 55.4 −5 | 2.55 | 7.0 ✓ |
| 80 | −4 | 4026 | 15 | 55.2 −4 | 24.5 | 8.1 ✓ |
| 81 | −4 | 4038 | 15 | 57.4 −4 | 4.6 | 8.3 ✓ |

Identified on card by Anne Nov 28/14 Identified on Work Sht. 49 Oct. 15, 1914
Compared by G.N.B. Dec. 30, 1914

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1914phae.proj.21720



Friday May 22, 1914

I 38780.

| 11.08 | No. | Int. | Class | Remark |
|---|---|---|---|---|
| ✓ | 1 | 1 | F8 | |
| ✓ | 2 | 2 | G5 | |
| ✓ | 3 | 1 | K0 | |
| ✓ | 4 | 2 | F8 | |
| ✓ | 5 | 3 | F8 | |
| ✓ | 6 | 3 | K2 | |
| ✓ | 7 | 1 | G0 | |
| ✓ | 8 | 2 | G0 | |
| ✓ | 9 | 4 | F5 | |
| ✓ | 10 | 1 | K2 | |
| ✓ | 11 | 5 | F2 | |
| ✓ | 12 | 2 | G0 | |
| ✓ | 13 | 2 | K2 | |
| ✓ | 14 | 4 | G0 | |
| ✓ | 15 | 4 | G5 | |
| ✓ | 16 | 1 | K2 | |
| ✓ | 17 | 5 | K0 | |
| ✓ | 8 | 5 | K0 | |
| ✓ | 9 | 2 | K2 | |
| ✓ | 20 | 3 | K0 | |
| ✓ | 21 | 1 | K2 | |
| ✓ | 22 | 1 | K0 | |
| ✓ | 23 | 2 | K5 | |
| ✓ | 24 | 1 | A2 | |
| ✓ | 25 | 2 | A2 | |
| ✓ | 26 | 2 | F5 | |
| ✓ | 27 | 4 | A2 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae..proj..21720



| | | | | | | |
|---|---|---|---|---|---|---|
| 1 | +23 | 3065 | 17 | 7.8 +23 | 29.3 | 9.0 ✓ |
| 2 | +22 | 3109 | 17 | 10.2 +22 | 57.3 | 8.6 ✓ |
| 3 | +21 | 3076 | 17 | 9.0 +21 | 44.2 | 8.6 ✓ +21° 3075 Mag 9.4 Super pec. |
| 4 | +22 | 3110 | 17 | 10.8 +22 | 7.3 | 8.8 ✓ |
| 5 | +21 | 3084 | 17 | 11.1 +21 | 22.4 | 8.7 ✓ |
| 6 | +22 | 3120 | 17 | 13.5 +23 | 6.2 | 8.0 ✓ |
| 7 | +22 | 3129 | 17 | 16.6 +22 | 30.4 | 9.3 ✓ |
| 8 | +22 | 3130 | 17 | 16.8 +22 | 17.5 | 8.8 ✓ |
| 9 | +22 | 3133 | 17 | 17.7 +22 | 3.3 | 8.1 ✓ |
| 10 | +22 | 3135 | 17 | 19.1 +22 | 17.3 | 8.6 ✓ |
| 11 | +22 | 3136 | 17 | 19.2 +22 | 33.9 | 8.2 ✓ |
| 12 | +22 | 3138 | 17 | 19.7 +22 | 38.7 | 8.5 ✓ |
| 13 | +22 | 3141 | 17 | 20.4 +22 | 33.5 | 8.7 ✓ |
| 14 | +21 | 3124 | 17 | 21.0 +21 | 50.7 | 8.1 ✓ |
| 15 | +22 | 3150 | 17 | 23.1 +22 | 14.9 | 8.0 ✓ |
| 16 | +22 | 3156 | 17 | 23.6 +22 | 25.2 | 8.6 ✓ |
| 17 | +22 | 3157 | 17 | 24.2 +22 | 8.9 | 7.7 ✓ |
| 18 | +22 | 3158 | 17 | 24.4 +22 | 59.6 | 7.6 ✓ |
| 19 | +23 | 3124 | 17 | 25.1 +23 | 14.0 | 8.0 ✓ |
| 20 | +22 | 3162 | 17 | 25.7 +23 | 52.2 | 8.3 ✓ |
| 21 | +23 | 3125 | 17 | 25.3 +23 | 43.8 | 8.6 ✓ |
| 22 | +24 | 3199 | 17 | 25.2 +24 | 1.1 | 8.8 ✓ |
| 23 | +24 | 3197 | 17 | 24.7 +24 | 8.9 | 8.0 ✓ |
| 24 | +23 | 3123 | 17 | 23.1 +23 | 21.7 | 8.6 ✓ |
| 25 | +22 | 3147 | 17 | 21.8 +22 | 54.9 | 8.6 ✓ |
| 26 | +24 | 3188 | 17 | 22.3 +24 | 11.2 | 8.7 ✓ |
| 27 | +24 | 3182 | 17 | 20.2 +24 | 13.6 | 8.5 ✓ |

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1914phae.proj.21720



Friday May 22, 1914
I 38.780

| No. | Int. | Class | Remark |
|---|---|---|---|
| ✓ 28 | 5 | A2 | |
| ✓ 29 | 1 | A3 | |
| ✓ 30 | 3 | K0 | |
| ✓ 31 | 3 | K5 | |
| ✓ 32 | 1 | K2 | |
| ✓ 33 | 2 | K2 | |
| ✓ 34 | 3 | A0 | |
| ✓ 35 | 3 | B0 | |
| ✓ 36 | 9 | A2 | |
| ✓ 37 | 7 | B5 | |
| ✓ 38 | 4 | A5 | |
| ✓ 39 | 5 | F0 | |
| ✓ 40 | 3 | K0 | |
| ✓ 41 | 3 | A3 | E |
| ✓ 42 | 3 | A5 | E |
| ✓ 43 | 5 | A5 | E |
| ✓ 44 | 2 | B0 | E |
| ✓ 45 | 3 | B0 | |
| ✓ 46 | 2 | A2 | |
| ✓ 47 | 4 | F5 | |
| ✓ 48 | 7 | A5 | |
| ✓ 49 | 9 | F5 | |
| ✓ 50 | 2 | K5 | |
| ✓ 51 | 4 | F8 | |
| ✓ 52 | 5 | K5 | |
| ✓ 53 | 3 | K0 | |
| ✓ 54 | 4 | B0 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae..proj..21720



| | | | | | |
|---|---|---|---|---|---|
| 28 +24 | 3181 17 | 20.2 +24 | 15.3 | 8.5 ✓ | |
| 29 +23 | 3121 17 | 21.2 +23 | 23.1 | 9.0 ✓ | +23° 3120 Mag. 9.0 Super. |
| 30 +24 | 3206 17 | 27.2 +24 | 1.6 | 8.0 ✓ | |
| 31 +24 | 3216 17 | ~~31.1~~ 29.2 +24 | 26.7 7.1 | 8.6 7.3 ✓ | |
| 32 +23 | 3144 17 | 30.4 +23 | 58.3 | 8.7 ✓ | |
| 33 +23 | 3146 17 | 31.2 +23 | 30.9 | 8.1 ✓ | |
| 34 +23 | 3150 17 | 31.5 +23 | 11.8 | 8.3 ✓ | |
| 35 +22 | 3172 17 | 31.3 +22 | 27.0 | 8.3 ✓ | |
| 36 +21 | 3157 17 | 29.8 +21 | 5.7 | 6.0 ✓ | +21° 3158 Magn. 9.0 Super. |
| 37 +19 | 3372 17 | 29.5 +19 | 56.4 | 6.6 ✓ | +19° 3371 Magn. 9.4 Super. |
| 38 +20 | 3527 17 | 30.9 +20 | 21.8 | 7.5 ✓ | |
| 39 +20 | 3531 17 | 31.3 +20 | 41.5 | 7.5 ✓ | |
| 40 +21 | 3170 17 | 31.9 +21 | 2.0 | 7.8 ✓ | |
| 41 +20 | 3535 17 | 32.0 +20 | 37.3 | 8.2 ✓ | |
| 42 +21 | 3167 17 | 31.3 +21 | 14.3 | 8.5 ✓ | |
| 43 +22 | 3177 17 | 32.8 +22 | 21.6 | 8.1 ✓ | |
| 44 +22 | 3176 17 | 32.7 +22 | 31.4 | 8.5 ✓ | |
| 45 +20 | 3519 17 | 28.8 +20 | 14.2 | 8.3 ✓ | |
| 46 +20 | 3515 17 | 28.5 +20 | 7.2 | 8.6 ✓ | ~~+20° 3516 Mag 9.5 Super.~~ |
| 47 +19 | 3361 17 | 28.4 +19 | 13.8 | 8.0 ✓ | |
| 48 +19 | 3358 17 | 28.1 +19 | 20.4 | 7.5 ✓ | |
| 49 +19 | 3354 17 | 27.1 +19 | 21.8 | 6.0 ✓ | |
| 50 +19 | 3349 17 | 26.5 +19 | 12.6 | 8.0 ✓ | |
| 51 +19 | 3348 17 | 26.5 +19 | 30.2 | 7.3 ✓ | +19° 3347 Magn. 9.4 Super. |
| 52 +19 | 3338 17 | 25.0 +19 | 38.1 | 6.5 ✓ | |
| 53 +20 | 3500 17 | 24.9 +20 | 18.0 | 8.0 ✓ | |
| 54 +21 | 3143 17 | 24.9 +21 | 8.7 | 8.1 ✓ | |

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1914phae.proj.21720



Friday May 22, 1914
I 38760

| No. | Int. | Class | Remarks |
|---|---|---|---|
| ✓ 55 | 5 | A0 | |
| ✓ 56 | 1 | K5 | |
| ✓ 57 | 1 | K5 | |
| ✓ 58 | 2 | g5 | |
| ✓ 59 | 1 | g5 | |
| ✓ 60 | 1 | g0 | |
| ✓ 61 | 3 | A0 | |
| ✓ 62 | 2 | K5 | |
| ✓ 63 | 3 | A0 | |
| ✓ 64 | 3 | A2 | |
| ✓ 65 | 3 | A0 | |
| ✓ 66 | 3 | K2 | |
| ✓ 67 | 1 | A5 | |
| ✓ 68 | 4 | A0 | |
| ✓ 69 | 3 | g5 | |
| ✓ 70 | 1 | g | E |
| ✓ 71 | 2 | A | E |
| ✓ 72 | 3 | A2 | E |
| ✓ 73 | 1 | g5 | |
| ✓ 74 | 2 | g5 | |
| ✓ 75 | 2 | K2 | |
| ✓ 76 | 1 | K0 | |
| ✓ 77 | 1 | g | Another star sup.? |
| ✓ 78 | 1 | K2 | |
| ✓ 79 | 1 | K0 | |
| ✓ 80 | 1 | A2 | |
| ✓ 81 | 1 | K2 | |

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1914phae..proj..21720



| | | | | |
|---|---|---|---|---|
| 55 +21 | 3146 17 | 26.0 +21 | 22.8 | 82 ✓ |
| 56 +21 | 3153 17 | 27.8 +21 | 40.6 | 78 ✓ |
| 57 +22 | 31651 7 | 27.4 +22 | 18.9 | 85 ✓ |
| 58 +20 | 34933 7 | 23.3 +20 | 39.4 | 88 ✓ |
| 59 +19 | 3328 17 | 23.4 +19 | 51.1 | 85 ✓ |
| 60 +20 | 3488 17 | 22.2 +20 | 46 | 87 ✓ |
| 61 +19 | 3314 17 | 20.6 +19 | 42 | 91 ✓ |
| 62 +18 | 3377 17 | 21.0 +18 | 15.7 | 79 ✓ |
| 63 +18 | 3383 17 | 22.3 +18 | 17.7 | 83 ✓ |
| 64 +18 | 3385 17 | 22.6 +18 | 15.3 | 86 ✓ |
| 65 +17 | 32152 17 | 22.7 +17 | 35.1 | 85 ✓ |
| 66 +18 | 3393 17 | 26.0 +18 | 28.7 | 78 ✓ |
| 67 +19 | 3336 17 | 25.0 +19 | 7.8 | 82 ✓ |
| 68 +17 | 3280 17 | 28.5 +17 | 54.5 | 80 ✓ |
| 69 +18 | 34041 7 | 28.7 +18 | 19.3 | 80 ✓ +18° 3405 Mag 9.3 Super. |
| 70 +18 | 34121 7 | 30.0 +18 | 38.2 | 84 ✓ |
| 71 +18 | 34191 7 | 30.9 +18 | 22.9 | 86 ✓ |
| 72 +19 | 33811 7 | 30.8 +19 | 24.8 | 84 ✓ |
| 73 +20 | 35261 7 | 30.7 +20 | 0.5 | 81 ✓ |
| 74 +21 | 30711 7 | 7.7 +21 | 1.1 | 85 ✓ |
| 75 +20 | 34571 7 | 15.6 +20 | 36.0 | 83 ✓ |
| 76 +21 | 31071 7 | 16.2 +21 | 5.2 | 87 ✓ |
| 77 +21 | 31081 7 | 16.3 +21 | 10.7 | 87 ✓ |
| 78 +19 | 32931 7 | 15.7 +19 | 54.8 | 80 ✓ |
| 79 +19 | 32911 7 | 15.4 +19 | 50.4 | 86 ✓ |
| 80 +19 | 32861 7 | 13.9 +19 | 21.6 | 88 ✓ |
| 81 +17 | 32241 7 | 13.7 +17 | 28.7 | 88 ✓ |

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1914phae.proj.21720



Friday May 22, 1914
I 38780

| | No. | Int. | Class | Remarks |
|---|---|---|---|---|
| | ✓ 82 | 1 | K0 | |
| | ✓ 83 | 2 | K2 | |
| 11. 22 | ✓ 84 | 6 | A0 | |
| | ~~85~~ | | | |
| | ~~86~~ | | | |
| | 85 | 5 | K2 | |
| | 86 | 3 | K0 | |
| | 87 | 9 | A3 | |
| | 88 | 9 | B5 | |
| | 89 | 5 | K0 | |
| | 90 | 6 | B9 | |

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1914phae.proj.21720



~~82~~

| | | | | | | |
|---|---|---|---|---|---|---|
| 82 +17 | 3206 | 17 | 9.6 +17 | 239 | 8.5 | |
| 83 +17 | 3236 | 17 | 18.5 +17 | 53 | 7.7 | ✓ |
| 84 +17 | 3232 | 17 | 17.0 +17 | 32 | 7.5 | +17° 3231 Mag. 8.5 Super. S. Pas. |

Ident. on cards by Anne. Feb. 12. 1915

Ident. in Book by E.F.L. Feb. 13, 1915

Identification compared by C.R.B. Feb. 15, 1915

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 85 +23° | 3074 | 17 | 11.5 | +23 | 16 | 6.5 | 17 on 23780S |
| 86 +21° | 3089 | 17 | 12.5 | +21 | 56 | 8.1 | 19 " " |
| 87 +23° | 3100 | 17 | 18.1 | +23 | 6 | 5.8 | 1 " " |
| 88 +20 | 3481 | | | | | | 57 " 23805 |
| 89 +21 | 3070 | | | | | | 20 on 23780S |
| 90 +21 | 3102 | | | | | | 18 " " |

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1914phae.proj.21720



Friday May 22, 1914

I 38 784

| 11.24 | No. | Int. | Class | Remarks |
|---|---|---|---|---|
| ✓ | 1 | 4 | A0 | |
| ✓ | 2 | 3 | A0 | B |
| ✓ | 3 | 1 | K2 | |
| ✓ | 4 | 2 | B9 | |
| ✓ | 5 | 1 | K0 | |
| ✓ | 6 | 1 | G | |
| ✓ | 7 | 7 | A0 | |
| ✓ | 8 | 8 | A0 | |
| ✓ | 9 | 7 | K0 | |
| ✓ | 10 | 1 | K5 | |
| ✓ | 11 | 1 | K2 | |
| ✓ | 12 | 1 | K5 | |
| ✓ | 13 | 1 | K | |
| ✓ | 14 | 1 | A0 | |
| ✓ | 15 | 2 | G5 | A2 Nearly all exp. on 16. J27781 shnt disp. shows this blue G5. |
| ✓ | 16 | 8 | A3 | |
| ✓ | 17 | 2 | K2 | |
| ✓ | 18 | 2 | A3 | |
| ✓ | 19 | 3 | A0 | |
| ✓ | 20 | 4 | A0 | |
| ✓ | 21 | 3 | F0 | |
| ✓ | 22 | 1 | K0 | |
| ✓ | 23 | 8 | G0 | |
| ✓ | 24 | 7 | K2 | |
| ✓ | 25 | 4 | A2 | |
| ✓ | 26 | 6 | A3 | |
| ✓ | 27 | 2 | K0 | |

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1914phae..proj..21720



| | | | | | |
|---|---|---|---|---|---|
| 1 | +19° | 3401 | 17 | 35.2 +19 | 13.3 | 7.1 ✓ |
| 2 | +17° | 3319 | 17 | 36.9 +17 | 45.9 | 8.0 ✓ |
| 3 | +18° | 3445 | 17 | 37.0 +18 | 53.6 | 8.1 ✓ |
| 4 | +19° | 3416 | 17 | 38.2 +19 | 3.9 | 7.4 ✓ |
| 5 | +19° | 3418 | 17 | 38.7 +19 | 21.1 | 8.0 ✓ |
| 6 | +19° | 3423 | 17 | 39.4 +19 | 47.4 | 8.3 ✓ |
| 7 | +18° | 3464 | 17 | 41.2 +18 | 57.0 | 6.5 ✓ |
| 9 | +20° | 3570 | 17 | 42.2 +20 | 37.0 | 5.8 ✓ |
| 8 | +19° | 3435 | 17 | 42.5 +19 | 17.9 | 6.0 ✓ |
| 10 | +20° | 3578 | 17 | 43.4 +20 | 41.3 | 7.2 ✓ |
| 11 | +20° | 3579 | 17 | 43.5 +20 | 57.9 | 7.5 ✓ |
| 12 | +20° | 3580 | 17 | 43.8 +20 | 54.4 | 7.3 ✓ |
| 13 | +21° | 3228 | 17 | 43.7 +21 | 26.2 | 8.3 ✓ |
| 14 | +22° | 3222 | 17 | 43.8 +22 | 14.9 | 8.3 ✓ |
| 15 | +22° | 3226 | 17 | 44.6 +22 | 12.6 | 8.0 ✓ |
| 16 | +22° | 3227 | 17 | 44.7 +22 | 21.3 | 6.5 ✓ |
| 17 | +23° | 3194 | 17 | 44.5 +23 | 16.9 | 8.5 ✓ |
| 18 | +23° | 3200 | 17 | 46.1 +23 | 22.0 | 8.3 ✓ |
| 19 | +24° | 3276 | 17 | 48.6 +24 | 17.6 | 8.4 ✓ |
| 20 | +24° | 3277 | 17 | 49.2 +24 | 15.2 | 8.5 ✓ |
| 21 | +24° | 3278 | 17 | 49.7 +24 | 29.3 | 8.1 ✓ |
| 22 | +23° | 3216 | 17 | 49.7 +23 | 54.2 | 8.3 ✓ |
| 23 | +24° | 3283 | 17 | 51.3 +24 | 1.8 | 6.5 ✓ |
| 24 | +22° | 3237 | 17 | 49.7 +22 | 28.6 | 5.0 ✓ |
| 25 | +20° | 3613 | 17 | 51.0 +20 | 39.6 | 7.9 ✓ |
| 26 | +19° | 3474 | 17 | 50.2 +19 | 54.8 | 7.3 ✓ |
| 27 | +20° | 3617 | 17 | 51.6 +20 | 22.5 | 7.5 ✓ |

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1914phae.proj.21720



Friday May 22, 1914

I 38784

| | No. | Int. | Class | Remarks |
|---|---|---|---|---|
| | v 28 | 3 | Ao | |
| | v 29 | 5 | F8 | |
| | v 30 | 10+ | A3 | |
| | v 31 | 2 | Ao | |
| | v 32 | 10 | B5 | |
| | v 33 | 5 | B9 | |
| 11.30 | v 34 | 7 | Ao | |
| 11.42 | v 35 | 1 | ma | |
| | v 36 | 1 | F | |
| | v 37 | 5. | Ko | |
| | v 38 | 1 | Ko | |
| | v 39 | 2 | Ao | |
| | v 40 | 1 | g5 | |
| | v 41 | 3 | g5 | |
| | v 42 | 2 | g5 | |
| | v 43 | 1 | g5 | |
| | v 44 | 1 | K2 | |
| | v 45 | 3 | Ao | |
| | v 46 | 3 | K2 | |
| | v 47 | 8 | B8 | |
| | v 48 | 1 | Ka | |
| | v 49 | 2 | K2 | |
| | v 50 | 3 | A3 | |
| | v 51 | 8 | F0 | |
| | v 52 | 3 | Ko | |
| | v 53 | 2 | A2 | |
| | v 54 | 1 | K5 | |

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1914phae..proj..0172c



| | | | | |
|---|---|---|---|---|
| 28 +20° | 3626 17 | 53.1 +20 | 29.2 | 8.5 ✓ |
| 29 +20° | 3633 17 | 53.9 +20 | 45.9 | 7.8 ✓ |
| 30 +21° | 3280 17 | 55.4 +21 | 36.7 | 4.2 ✓ |
| 31 +20° | 3646 17 | 56.0 +20 | 58.6 | 8.5 ✓ |
| 32 +20° | 3649 17 | 56.2 +20 | 51.7 | 5.2 ✓ |
| 33 +19° | 3494 17 | 54.2 +19 | 31.2 | 6.5 ✓ |
| 34 +19° | 3508 17 | 57.0 +19 | 35.3 | 6.5 ✓ |
| 35 +19° | 3509 17 | 57.1 +19 | 33.1 | 7.0 ✓ |
| 36 +20° | 3642 17 | 55.6 +20 | 8.9 | 7.8 ✓ |
| 37 +18° | 3502 17 | 50.3 +18 | 38.8 | 6.5 ✓ |
| 38 +19° | 3466 17 | 49.1 +19 | 28.5 | 8.0 ✓ |
| 39 +19° | 3462 17 | 47.7 +19 | 34.6 | 8.4 ✓ |
| 40 +20° | 3606 17 | 49.3 +20 | 5.6 | 7.8 ✓ |
| 41 +21° | 3249 17 | 48.9 +21 | 38.0 | 8.1 ✓ |
| 42 +21° | 3253 17 | 50.0 +21 | 30.0 | 8.0 ✓ |
| 43 +21° | 3260 17 | 51.1 +21 | 21.2 | 8.5 ✓ |
| 44 +21° | 3269 17 | 51.9 +21 | 20.3 | 8.2 ✓ |
| 45 +22° | 3250 17 | 53.5 +22 | 5.1 | 8.4 ✓ |
| 46 +22° | 3256 17 | 55.4 +22 | 46.4 | 7.5 ✓ |
| 47 +22° | 3260 17 | 56.4 +22 | 55.8 | 6.7 ✓ |
| 48 +22° | 3258 17 | 55.9 +22 | 14.0 | 8.0 ✓ |
| 49 +22° | 3259 17 | 55.9 +22 | 27.5 | 7.2 ✓ |
| 50 +23° | 3253 17 | 58.2 +23 | 26.5 | 8.9 ✓ |
| 51 +23° | 3254 17 | 58.7 +23 | 56.3 | 7.1 ✓ |
| 52 +24° | 3307 17 | 55.6 +24 | 15.3 | 7.5 ✓ |
| 53 +24° | 3294 17 | 53.7 +24 | 15.5 | 8.5 ✓ |
| 54 +23° | 3233 17 | 53.1 +23 | 50.8 | 7.9 ✓ |

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1914phae.proj.2172C



Friday May 22, 1914
I 38784

| | No. | Int. | Class | Remarks |
|---|---|---|---|---|
| ✓ | 55 | 1 | A0 | |
| ✓ | 56 | 3 | A2 | |
| ✓ | 57 | 5 | A3 | |
| ✓ | 58 | 1 | A0 | |
| ✓ | 59 | 1 | F8 | |
| ✓ | 60 | 1 | K5 | |
| ✓ | 61 | 2 | K2 | |
| ✓ | 62 | 1 | F5 | |
| ✓ | 63 | 4 | F5 | |
| ✓ | 64 | 3 | K0 | |
| ✓ | 65 | 2 | F5 | |
| ✓ | 66 | 3 | A0 | |
| ✓ | 67 | 8 | B8 | |
| ✓ | 68 | 1 | K5 | |
| ✓ | 69 | 1 | G5 | |
| 11.50 | ✓ | 70 | 2 | A0 | |
| | ✓ | 71 | 9 | A0 | Ω |
| | | 72 | 5 | K0 | |
| | | 73 | ~~7~~ 8 | G0 | |
| | | 74 | 10 | F5 | Lines narrow. |
| | | 75 | 4 | A2 | |
| | | 76 | 4 | F0 | |
| | | 77 | 5 | F2 | |
| | | 78 | 2 | K2 | |

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1914phae.proj.2172C



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 55 | +24° | 3285 | 17 | 52.1 | +24 | 33.5 | 8.8 ✓ |
| 56 | +25° | 3390 | 17 | 51.0 | +25 | 14.4 | 8.5 ✓ |
| 57 | +25° | 3381 | 17 | 49.7 | +25 | 8.8 | 7.8 ✓ |
| 58 | +25° | 3376 | 17 | 49.0 | +25 | 39.4 | 8.6 ✓ |
| 59 | +25° | 3396 | 17 | 52.7 | +25 | 1.5 | 8.3 ✓ |
| 60 | +24° | 3308 | 17 | 55.7 | +24 | 57.6 | 8.1 ✓ |
| 61 | +24° | 3311 | 17 | 56.6 | +24 | 59.3 | 8.0 ✓ |
| 62 | +21° | 3182 | 17 | 33.8 | +21 | 47.6 | 8.3 ✓ |
| 63 | +21° | 3188 | 17 | 35.7 | +21 | 36.3 | 7.5 ✓ |
| 64 | +21° | 3198 | 17 | 37.2 | +21 | 42.2 | 7.5 ✓ |
| 65 | +22° | 3199 | 17 | 37.5 | +22 | 41.2 | 8.1 ✓ |
| 66 | +21° | 3208 | 17 | 39.8 | +21 | 56.4 | 8.0 ✓ +21° 3209 magn. 9.0 sup. |
| 67 | +23° | 3160 | 17 | 35.9 | +23 | 49.9 | 7.7 ✓ |
| 68 | +24° | 3254 | 17 | 41.4 | +24 | 18.2 | 7.7 ✓ |
| 69 | +20° | 3546 | 17 | 35.8 | +20 | 14.6 | 7.8 ✓ |
| 70 | +23° | 3213 | 17 | 48.5 | +23 | 15.8 | 8.5 ✓ |
| 71 | +17° | 3334 | 17 | 40.7 | +17 | 47.2 | 5.5 ✓ |

Ident. on cards by Anc. Jan. 28, 1915

Ident. in Book by M.A.H. Jan. 27, 1915

Identification compared by S.R.B. Feb. 3, 1915

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ~ | 72 | +24° | 3225 | 17 | 35.1 | + 24 | 35 | 6.3 | 41 on D 38447 |
| ~ | 73 | +24° | 3237 | 17 | 37.4 | + 24 | 24 | 6.2 | 44 " " |
| ~ | 74 | +26° | 3120 | 17 | 49.6 | + 26 | 5 | 5.7 | 60 " " |
| ~ | 75 | +19° | 3533 | 18 | 1.2 | + 19 | 39 | 7.7 | 42 " D 37806 |
| ~ | 76 | +20° | 3659 | 17 | 59.6 | + 20 | 46 | 8.0 | 93 " " |
| ~ | 77 | +22 | 3267 | | | | | | 102 " " |
| ✓ | 78 | +21 | 3272 | 17 | 42.5 | + 21 | 8 | 8.0 | |

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1914phae.proj.2172C



Friday May 22, 1914
I 38782

| 11.55 | No. | Int. | Class | Remarks |
|---|---|---|---|---|
| ✓ | 1 | 1 | Pd | |
| ✓ | 2 | 4 | A3 | |
| ✓ | 3 | 2 | K2 | |
| ✓ | 4 | 7 | A3 | |
| ✓ | 5 | 1 | K0 | |
| ✓ | 6 | 6 | K0 | |
| ✓ | 7 | 3 | A2 | |
| ✓ | 8 | 2 | G5 | |
| ✓ | 9 | 2 | K2 | |
| ✓ | 10 | 1 | Ma | |
| ✓ | 11 | 2 | A5 | |
| ✓ | 12 | 2 | G5 | |
| ✓ | 13 | 3 | K0 | |
| ✓ | 14 | 4 | G0 | |
| ✓ | 15 | 2 | K0 | |
| ✓ | 16 | 1 | G5 | |
| ✓ | 17 | 1 | F8 | |
| ✓ | 18 | 1 | G0 | |
| ✓ | 19 | 2 | F8 | |
| ✓ | 20 | 1 | K0 | |
| ✓ | 21 | 2 | G0 | |
| ✓ | 22 | 2 | K0 | |
| ✓ | 23 | 2 | G5 | |
| ✓ | 24 | 1 | F8 | |
| ✓ | 25 | 2 | F5 | |
| ✓ | 26 | 1 | Ma | |
| ✓ | 27 | 1 | K2 | |
| ✓ | 27a | 1 | K2 | Barely superp. on 27 |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172C



| | | | | | |
|---|---|---|---|---|---|
| 1 | +12° | 2966 | 16 | 4.9 +12 | 27.1 | 9.0 ✓ |
| 2 | +12° | 2970 | 16 | 5.3 +12 | 17.1 | 8.3 ✓ |
| 3 | +12° | 2971 | 16 | 6.0 +12 | 56.5 | 8.5 ✓ |
| 4 | +13° | 3089 | 16 | 6.2 +13 | 10.9 | 7.2 ✓ |
| 5 | +13° | 3090 | 16 | 6.4 +13 | 36.5 | 8.1 ✓ |
| 6 | +13° | 3091 | 16 | 6.6 +13 | 54.5 | 6.7 ✓ |
| 7 | +14° | 3025 | 16 | 9.2 +14 | 22.5 | 8.1 ✓ |
| 8 | +15° | 2972 | 16 | 10.1 +15 | 8.4 | 8.3 ✓ |
| 9 | +13° | 3104 | 16 | 10.1 +13 | 42.9 | 8.1 ✓ |
| 10 | +13° | 3115 | 16 | 12.0 +13 | 52.0 | 8.5 ✓ |
| 11 | +13° | 3119 | 16 | 12.4 +13 | 4.8 | 8.2 ✓ |
| 12 | +12° | 2993 | 16 | 12.4 +12 | 54.8 | 8.3 ✓ |
| 13 | +12° | 2995 | 16 | 13.6 +12 | 17.3 | 8.0 ✓ |
| 14 | +12° | 3003 | 16 | 15.3 +12 | 35.1 | 8.3 ✓ |
| 15 | +13° | 3124 | 16 | 15.0 +13 | 13.5 | 8.2 ✓ |
| 16 | +13° | 3129 | 16 | 16.6 +13 | 36.2 | 8.5 ✓ |
| 17 | +13° | 3134 | 16 | 17.2 +13 | 10.5 | 8.3 ✓ |
| 18 | +11° | 2969 | 16 | 15.1 +11 | 11.9 | 8.7 ✓ |
| 19 | +11° | 2972 | 16 | 15.3 +11 | 40.4 | 8.7 ✓ |
| 20 | +16° | 2872 | 15 | 58.3 +16 | 25.5 | 8.5 ✓ |
| 21 | +16° | 2889 | 16 | 3.1 +16 | 13.4 | 8.4 ✓ |
| 22 | +15° | 2963 | ~~15~~ 16 | 4.2 +15 | 32.8 | 8.5 ✓ |
| 23 | +15° | 2964 | ~~15~~ 16 | 4.9 +15 | 30.3 | 8.5 ✓ |
| 24 | +16° | 2901 | 16 | 5.7 +16 | 53.9 | 8.6 ✓ |
| 25 | +16° | 2903 | 16 | 6.0 +16 | 55.1 | 8.1 ✓ |
| 26 | +16° | 2908 | 16 | 7.3 +16 | 48.7 | 7.8 ✓ |
| 27a | +14° | 3012 | 16 | 5.5 +14 | 55.5 | 8.2 ✓ ~~+14° 3011 magn. 8.7 sup~~ |
| 27 | +14° | 3011 | 16 | 5.4 +14 | 55.2 | 8.7 ✓ |

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1914phae.proj.2172C



Friday May 22, 1914
I 38782

| | No. | Int. | Class | Remark |
|---|---|---|---|---|
| | ✓ 28 | 1 | Ro | |
| 12.02 | ✓ 29 | 1 | G5 | |
| 12.04 | ✓ 30 | 3 | Aa | |
| | ✓ 31 | 1 | G5 | |
| 12.04 | ~ 32 | 1 | Ro | |
| | 33 | | | |
| | 34 | | | |
| | 33 | 7 | K0 | |
| | 34 | 5 | F0 | |
| | 35 | 4 | K0 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172C



| | | | | |
|---|---|---|---|---|
| 28 +16° | 2912 | 16 | 9.4 +16 | 24.5 | 8.5 ✓ |
| 29 +16° | 2919 | 16 | 10.8 +16 | 47.7 | 8.5 ✓ |
| 30 +11° | 2926 | 16 | 2.9 +11 | 14.4 | 8.5 ✓ |
| 31 +11° | 2915 | 16 | 0.4 +11 | 3.7 | 8.7 ✓ |
| 32 +12° | 2953 | 16 | 2.0 +12 | 15.7 | 8.8 ✓ |

Identr. on cards by Anc. Feb. 2, 1916
Identr. in Book by M. A. H. Jan, 29, 1915.
Identification compared by S. R. B. Feb. 3, 1915

| | | | | | | |
|---|---|---|---|---|---|---|
| ~ 33 +11° | 2984 | 16 | 19.4 | +11 | 46 | 6.8 ~ 60 m ✓ 38727 |
| ~ 34 +11 | 2947 | | | | | 179 m B 18235 ~ |
| 35 +11 | 2951 | | | | | 178 " " |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172C



Saturday May 23, 1914

B 13401 Short

| 9.30 | No. | Int. | Class | Remarks |
|---|---|---|---|---|
| | ✓ 1 | 3 | A3 | |
| | ✓ 2 | 6 | F5 | |
| | ✓ 3 | 3 | K2 | |
| | ✓ 4 | 2 | F5 | |
| | ✓ 5 | 1 | F5 | |
| | ✓ 6 | 8 | F5 | |
| | ✓ 7 | 1 | F0 | |
| | ✓ 8 | 1 | A2 | |
| | ✓ 9 | 4 | A2 | |
| | ✓ 10 | 1 | K0 | |
| | ✓ 11 | 1 | K2 | |
| | ✓ 12 | 1 | K5 | |
| | ✓ 13 | 1 | K5 | |
| | ✓ 14 | 3 | A3 | |
| | ✓ 15 | 1 | A0 | |
| | ✓ 16 | 1 | F0 | |
| | ✓ 17 | 3 | F5 | |
| | ✓ 18 | 1 | K5 | |
| | ✓ 19 | 5 | F8 | |
| | ✓ 20 | 1 | F5 | |
| | ✓ 21 | 7 | K2 | |
| | ✓ 22 | 2 | A2 | |
| | ✓ 23 | 2 | F | Nearly all out. on 24 |
| | ✓ 24 | 3 | A5 | |
| | ✓ 25 | 2 | A0 | |
| | ✓ 26 | 4 | A2 | |
| | ✓ 27 | 5 | A0 | |

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

1914phae.proj.2172C



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 | +4° | 3583 | 17 | 56.8 | +4 | 38 | 9.0 | ✓ |
| 2 | +3° | 3579 | 17 | 57.5 | +3 | 48 | 8.0 | ✓ |
| 3 | +3° | 3582 | 17 | 57.8 | +3 | 53 | 8.5 | ✓ |
| 4 | +3° | 3580 | 17 | 57.6 | +3 | 32 | 8.8 | ✓ |
| 5 | +3° | 3577 | 17 | 57.1 | +3 | 38 | 9.0 | ✓ |
| 6 | +3° | 3578 | 17 | 57.1 | +3 | 31 | 8.5 | ✓ |
| 7 | +3° | 3577 | 17 | ~~57.1~~ 56.7 | +3 | ~~38~~ 34 | 9.2 | ✓ |
| 8 | +3° | 3591 | 17 | 59.3 | +3 | 31 | 9.5 | ✓ |
| 9 | +3° | ~~3594~~ 3595 | 18 | 0.4 | +3 | ~~34~~ 33 | 9.4 | ✓ +3°3594 sup. 9.4 |
| 10 | +3° | 3597 | 18 | 0.6 | +3 | 41 | 8.7 | ✓ |
| 11 | +4° | 3602 | 17 | 59.6 | +4 | 0 | 9.0 | ✓ |
| 12 | +4° | 3596 | 17 | 59.2 | +4 | 6 | 9.2 | ✓ |
| 13 | +4° | 3597 | 17 | 59.2 | +4 | 15 | 8.8 | ✓ |
| 14 | +4° | 3599 | 17 | 59.2 | +4 | 28 | 9.1 | ✓ |
| 15 | +5° | 3595 | 17 | 57.5 | +5 | 3 | 9.4 | ✓ |
| 16 | +5° | 3596 | 17 | 57.7 | +5 | 16 | 9.1 | ✓ |
| 17 | +4° | 3618 | 18 | 1.9 | +4 | 14 | 9.0 | ✓ |
| 18 | +4° | 3622 | 18 | 2.4 | +4 | 10 | 9.0 | ✓ |
| 19 | +4° | 3627 | 18 | 2.9 | +4 | 47 | 8.4 | ✓ |
| 20 | +3° | 3615 | 18 | 3.0 | +3 | 51 | 9.3 | ✓ |
| 21 | +3° | 3612 | 18 | 2.6 | +3 | 11 | 8.0 | ✓ |
| 22 | +3° | 3626 | 18 | 4.6 | +3 | 3 | 9.0 | ✓ |
| 23 | +4° | 3644 | 18 | 5.3 | +4 | 13 | 8.8 | ✓ |
| 24 | +4° | 3645 | 18 | 5.3 | +4 | 12 | 8.9 | ✓ |
| 25 | +4° | 3648 | 18 | 5.5 | +4 | 10 | 9.1 | ✓ |
| 26 | +3° | 3633 | 18 | 6.2 | +3 | 35 | 9.0 | ✓ |
| 27 | +2° | 3550 | 18 | 10.0 | +2 | 54 | 8.6 | ✓ |

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1914phae.proj.2172C



Saturday May 23, 1914
B1340 1 short

| No. | Int. | Class | Remarks |
|---|---|---|---|
| ✓ 28 | K2 | G5 | |
| ✓ 29 | 1 | K2 | |
| ✓ 30 | 6 | K0 | |
| ✓ 31 | 4 | A3 | |
| ✓ 32 | 1 | A2 | |
| ✓ 33 | 2 | A0 | |
| ✓ 34 | 2 | A0 | |
| ✓ 35 | 3 | A0 | |
| ✓ 36 | 9 | B9 | |
| ✓ 37 | 3 | G5 | |
| ✓ 38 | 4 | G5 | |
| ✓ 39 | 2 | G8 | |
| ✓ 40 | 1 | K5 | |
| ✓ 41 | 2 | K0 | |
| ✓ 42 | 3 | K0 | |
| ✓ 43 | 2 | A0 | |
| ✓ 44 | 4 | A3 | |
| ✓ 45 | 2 | A5 | |
| ✓ 46 | 5 | A0 | |
| ✓ 47 | 4 | K0 | |
| ✓ 48 | 6 | A2 | |
| ✓ 49 | 1 | K2 | |
| ✓ 50 | 2 | A2 | |
| ✓ 51 | 3 | A0 | |
| ✓ 52 | 1 | A0 | |
| ✓ 53 | 2 | A0 | |
| ✓ 54 | 2 | G8 | |

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1914phae.proj.2172C



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 28 | +2° | 3554 | 18 | 10.5 | +2 | 55 | 9.0 ✓ |
| 29 | +3° | 3661 | 18 | 10.7 | +3 | 5 | 9.2 ✓ |
| 30 | +2° | 3559 | 18 | 11.2 | +2 | 55 | 8.2 ✓ |
| 31 | +2° | 3557 | 18 | 11.0 | +2 | 35 | 8.8 ✓ |
| 32 | +3° | 3657 | 18 | 10.2 | +3 | 44 | 9.2 ✓ |
| 33 | +3° | 3659 | 18 | 10.5 | +3 | 54 | 9.1 ✓ |
| 34 | +4° | 3679 | 18 | 9.4 | +4 | 19 | 9.3 ✓ |
| 35 | +4° | 3696 | 18 | 11.4 | +4 | 47 | 9.1 ✓ |
| 36 | +5° | 3685 | 18 | 11.3 | +5 | 5 | 8.0 ✓ |
| 37 | +5° | 3690 | 18 | 12.4 | +5 | 19 | 8.8 ✓ |
| 38 | +4° | 3701 | 18 | 12.6 | +5 | 0 | 8.4 ✓ |
| 39 | +5° | 3675 | 18 | 10.5 | +5 | 32 | 9.0 ✓ |
| 40 | +5° | 3679 | 18 | 10.8 | +5 | 37 | 9.2 ✓ |
| 41 | +5° | 3687 | 18 | 11.7 | +5 | 58 | 8.6 ✓ |
| 42 | +5° | 3702 | 18 | 13.8 | +5 | 52 | 8.7 ✓ |
| 43 | +5° | 3705 | 18 | 14.6 | +5 | 17 | 9.4 ✓ |
| 44 | +4° | 3717 | 18 | 15.0 | +4 | 24 | 8.7 ✓ |
| 45 | +4° | 3718 | 18 | 15.1 | +4 | 24 | 8.9 ✓ |
| 46 | +3° | 3687 | 18 | 15.1 | +3 | 50 | 9.0 ✓ |
| 47 | +3° | 3695 | 18 | 16.3 | +3 | 2 | 8.2 ✓ |
| 48 | +3° | 3698 | 18 | 17.0 | +3 | 35 | 8.9 ✓ |
| 49 | +3° | 3699 | 18 | 17.0 | +3 | 42 | 9.1 ✓ |
| 50 | +3° | 3697 | 18 | 17.0 | +3 | 51 | 9.1 ✓ |
| 51 | +4° | 3727 | 18 | 16.3 | +4 | 2 | 8.9 ✓ |
| 52 | +4° | 3736 | 18 | 18.2 | +4 | 8 | 9.2 ✓ |
| 53 | +4° | 3743 | 18 | 19.3 | +4 | 8 | 9.1 ✓ |
| 54 | +4° | 3738 | 18 | 18.8 | +4 | 34 | 8.8 ✓ |

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1914phae.proj.2172C



Saturday May 23, 1914

B 13401 short

| no. | Int. | Class | Remark |
|---|---|---|---|
| - 55 | 3 | F5 | |
| v 56 | 3 | A0 | |
| v 57 | 2 | A0 | |
| v 58 | 5 | A5 | |
| v 59 | 3 | A0 | |
| v 60 | 2 | K2 | |
| v 61 | 7 | A0 | |
| v 62 | 3 | K2 | |
| v 63 | 7 | A2 | |
| v 64 | 4 | A0 | |
| v 65 | 4 | K5 | |
| v 66 | 3 | A0 | |
| v 67 | 7 | A2 | |
| v 68 | 5 | A0 | |
| v 69 | 3 | A0 | |
| v 70 | 4 | F8 | |
| v 71 | 4 | G0 | |
| v 72 | 9 | A0 | |
| v 73 | 9 | A2 | |
| v 74 | 3 | K5 | |
| v 75 | 3 | A5 | |
| v 76 | 5 | A2 | |
| v 77 | 4 | F8 | |
| v 78 | 5 | F5 | |
| v 79 | 2 | K0 | |
| v 80 | 2 | F8 | |
| v 81 | 8 | ha | |

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1914phae.proj.2172C



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 55 | +2° | 3587 | 18 | 16.5 | +2 | 24 | 8.8 ✓ |
| 56 | +2° | 3583 | 18 | 15.7 | +2 | 9 | 9.0 ✓ |
| 57 | +2° | 3577 | 18 | 14.8 | +2 | 11 | 9.2 ✓ |
| 58 | +1° | 3655 | 18 | 14.4 | +1 | 3 | 8.5 ✓ |
| 59 | +0° | 3924 | 18 | 15.0 | +0 | 59 | 8.8 ✓ |
| 60 | +0° | 3927 | 18 | 16.6 | +0 | 44 | 8.8 ✓ |
| 61 | +0° | 3926 | 18 | 16.1 | +0 | 16 | 8.1 ✓ |
| 62 | +0° | 3928 | 18 | 16.9 | +0 | 23 | 8.7 ✓ |
| 63 | −0° | 3474 | 18 | 16.4 | −0 | 4 | 8.6 ✓ |
| 64 | −0° | 3470 | 18 | 15.0 | −0 | 9 | 9.0 ✓ |
| 65 | +0° | 3923 | 18 | 14.7 | +0 | 6 | 7.9 ✓ |
| 66 | −0° | 3467 | 18 | 14.5 | −0 | 6 | 9.1 ✓ |
| 67 | −0° | 3465 | 18 | 13.3 | −0 | 29 | 8.4 ✓ |
| 68 | −0° | 3469 | 18 | 15.0 | −0 | 49 | 8.5 ✓ |
| 69 | −0° | 3466 | 18 | 13.8 | −0 | 50 | 8.8 ✓ |
| 70 | −0° | 3460 | 18 | 11.5 | −0 | 43 | 8.6 ✓ |
| 71 | −0° | 3458 | 18 | 10.9 | −0 | 55 | 8.7 ✓ |
| 72 | −1° | 3469 | 18 | 10.6 | −1 | 22 | 7.6 ✓ |
| 73 | −1° | 3468 | 18 | 10.2 | −1 | 30 | 7.6 ✓ |
| 74 | +0° | 3918 | 18 | 12.1 | +0 | 47 | 7.9 ✓ |
| 75 | +1° | 3647 | 18 | 11.8 | +1 | 23 | 8.8 ✓ |
| 76 | +0° | 3913 | 18 | 11.3 | +0 | 42 | 8.6 ✓ |
| 77 | +1° | 3633 | 18 | 8.2 | +1 | 19 | 8.4 ✓ |
| 78 | +1° | 3629 | 18 | 7.4 | +1 | 43 | 8.3 ✓ |
| 79 | +1° | 3632 | 18 | 7.6 | +1 | 6 | 8.8 ✓ |
| 80 | +2° | 3548 | 18 | 9.3 | +2 | 28 | 9.1 ✓ |
| 81 | +2° | 3547 | 18 | 8.8 | +2 | 21 | 6.3 ✓ |

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Saturday May 23 1914
B13401 Dist

| | No. | Int. | Class | Remarks |
|---|---|---|---|---|
| ✓ | 82 | 3 | A5 | |
| ✓ | 83 | 7 | Ka | |
| ✓ | 84 | 3 | G0 | |
| ✓ | 85 | 3 | F5 | |
| ✓ | 86 | 6 | G5 | |
| ✓ | 87 | 5 | K2 | |
| ✓ | 88 | 7 | A3 | |
| ✓ | 89 | 4 | K2 | |
| ✓ | 90 | 6 | K2 | |
| ✓ | 91 | 6 | A0 | |
| ✓ | 92 | 7 | B9 | |
| ✓ | 93 | 7 | B9 | |
| ✓ | 94 | 4 | F0 | Another star sup. at north. |
| ✓ | 95 | 2 | F0 | |
| ✓ | 96 | 1 | K0 | |
| ✓ | 97 | 2 | A0 | |
| ✓ | 98 | 2 | A2 | |
| ✓ | 99 | 3 | F0 | |
| ✓ | 100 | 6 | K2 | |
| ✓ | 101 | 5 | F0 | |
| ✓ | 102 | 2 | K0 | |
| ✓ | 103 | 1 | A2 | |
| ✓ | 104 | 3 | K2 | |
| ✓ | 105 | 2 | A0 | |
| ✓ | 106 | 3 | A2 | |
| ✓ | 107 | 1 | G0 | |
| ✓ | 108 | 3 | A2 | |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 82 | +2° | 3545 | 18 | 8.4 | +2 | 23 | 8.8 ✓ |
| 83 | +2° | 3537 | 18 | 6.6 | +2 | 22 | 6.8 ✓ |
| 84 | +2° | 3530 | 18 | 5.7 | +2 | 12 | 9.0 ✓ |
| 85 | +1° | 3623 | 18 | 5.6 | +1 | 43 | 9.2 ✓ |
| 86 | +1° | 3620 | 18 | 5.0 | +1 | 52 | 8.4 ✓ |
| 87 | +1° | 3616 | 18 | 4.8 | +1 | 38 | 8.2 ✓ |
| 88 | +1° | 3615 | 18 | 4.6 | +1 | 46 | 8.3 ✓ |
| 89 | +2° | 3524 | 18 | 4.2 | +2 | 8 | 8.3 ✓ |
| 90 | +1° | 3612 | 18 | 3.9 | +1 | 57 | 8.1 ✓ |
| 91 | +2° | 3517 | 18 | 3.1 | +2 | 30 | 8.5 ✓ |
| 92 | +2° | 3514 | 18 | 2.8 | +2 | 22 | 8.8 ✓ |
| 93 | +2° | 3503 | 18 | 1.3 | +2 | 24 | 8.4 ✓ |
| 94 | +2° | 3499 | 18 | 0.9 | +2 | 35 | 9.0 ✓ +2° 3497 aup. 9.0 |
| 95 | +2° | 3491 | 17 | 59.6 | +2 | 39 | 9.3 ✓ |
| 96 | +2° | 3489 | 17 | 59.2 | +2 | 40 | 9.0 ✓ |
| 97 | +2° | 3487 | 17 | 59.0 | +2 | 35 | 9.5 ✓ |
| 98 | +3° | 3589 | 17 | 59.2 | +3 | 4 | 9.3 ✓ |
| 99 | +3° | 3596 | ~~+7~~ 18 | 0.4 | +3 | 16 | 9.0 ✓ |
| 100 | +1° | 3585 | 17 | 58.5 | +1 | 59 | 7.8 ✓ |
| 101 | +1° | 3587 | 17 | 58.8 | +1 | 8 | 8.4 ✓ |
| 102 | +1° | 3593 | 17 | 59.3 | +1 | 35 | 8.8 ✓ |
| 103 | +2° | 3490 | 17 | 59.3 | +2 | 2 | 9.2 ✓ |
| 104 | +0° | 3859 | 18 | 1.2 | +0 | 42 | 8.5 ✓ |
| 105 | +0° | 3871 | 18 | 3.0 | +0 | 47 | 9.0 ✓ |
| 106 | +0° | 3872 | 18 | 3.3 | +0 | 33 | 9.1 ✓ |
| 107 | +0° | 3873 | 18 | 3.5 | +0 | 28 | 9.1 ✓ |
| 108 | +0° | 3877 | 18 | 4.4 | +0 | 48 | 9.0 ✓ |

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B 13401 short

| No. | Int. | Class | Remarks |
|---|---|---|---|
| ✓ 109 | 4. | F5 | |
| ✓ 110 | 2 | A0 | |
| ✓ 111 | 4. | A0 | |
| ✓ 112 | 5 | A0 | |
| ✓ 113 | 3 | K0 | |
| ✓ 114 | 6. | K2 | |
| ✓ 115 | 2 | K0 | |
| ✓ 116 | 3 | A0 | |
| ✓ 117 | 5 | A0 | |
| ✓ 118 | 3. | K2 | |
| ✓ 119 | 5 | A2 | |
| ✓ 120 | 3. | A3 | |
| ✓ 121 | 3 | K5 | |
| ✓ 122 | 3 | A0 | |
| ✓ 123 | 3 | B9 | |
| ✓ 124 | 1 | A0 | |
| ✓ 125 | 2 | A2 | |
| ✓ 126 | 2 | K0 | |
| ✓ 127 | 2 | G5 | |
| ✓ 128 | 5 | F5 | |
| ✓ 129 | 6 | A3 | |
| ✓ 130 | 5 | F2 | |
| ✓ 131 | 7 | G5 | |
| ✓ 132 | 8 | A0 | |
| ✓ 133 | 3 | K2 | |
| ✓ 134 | 6 | K2 | |
| ✓ 135 | 5 | F2 | |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 109 | +1° | 3614 | 18 | 4.1 | +1 | 6 | 8.7 ✓ |
| | | 3609 | 18 | 3.1 | +1 | 44 | 9.3 |
| 110 | +1° | 3607 | 18 | 2.4 | +1 | 45 | 9.3 ✓ |
| | | 3611 | 18 | 3.6 | +1 | 50 | 9.3 |
| 111 | +1° | 3609 | 18 | 3.1 | +1 | 44 | 9.3 ✓ |
| 112 | +0° | 3876 | 18 | 4.4 | +0 | 6 | 8.8 ✓ |
| 113 | −0° | 3432 | 18 | 3.6 | −0 | 2 | 9.0 ✓ |
| 114 | −0° | 3434 | 18 | 3.8 | −0 | 40 | 8.0 ✓ |
| 115 | +0° | 3884 | 18 | 6.5 | +0 | 3 | 9.0 ✓ |
| 116 | +0° | 3885 | 18 | 6.6 | +0 | 10 | 8.9 ✓ |
| 117 | +0° | 3887 | 18 | 6.7 | +0 | 27 | 8.8 ✓ +0° 3886 sup. 9.1 |
| 118 | +0° | 3898 | 18 | 8.1 | +0 | 10 | 8.5 ✓ |
| 119 | +2° | 3575 | 18 | 14.0 | +2 | 55 | 9.1 ✓ |
| 120 | +2° | 3576 | 18 | 14.1 | +2 | 48 | 9.1 ✓ |
| 121 | +3° | 3679 | 18 | 13.6 | +3 | 5 | 8.7 ✓ |
| 122 | +2° | 3564 | 18 | 12.6 | +2 | 38 | 8.9 ✓ |
| 123 | +3° | 3668 | 18 | 11.9 | +3 | 8 | 9.2 ✓ |
| 124 | +3° | 3669 | 18 | 12.1 | +3 | 3 | 9.4 ✓ |
| 125 | +3° | 3676 | 18 | 13.2 | +3 | 33 | 9.4 ✓ |
| 126 | +2° | 3562 | 18 | 12.4 | +2 | 4 | 9.0 ✓ |
| 127 | +2° | 3573 | 18 | 13.8 | +2 | 4 | 9.1 ✓ |
| 128 | +1° | 3670 | 18 | 18.7 | +1 | 37 | 8.5 ✓ |
| 129 | +1° | 3678 | 18 | 20.1 | +1 | 26 | 8.5 ✓ |
| 130 | +1° | 3676 | 18 | 19.9 | +1 | 2 | 8.8 ✓ |
| 131 | +0° | 3943 | 18 | 21.2 | +0 | 43 | 8.0 ✓ |
| 132 | +0° | 3940 | 18 | 20.4 | +0 | 7 | 8.1 ✓ |
| 133 | +0° | 3945 | 18 | 21.7 | +0 | 21 | 8.9 ✓ |
| 134 | +0° | 3947 | 18 | 21.9 | +0 | 14 | 8.2 ✓ |
| 135 | +0° | 3948 | 18 | 22.3 | +0 | 13 | 8.9 ✓ |

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B T 3401 short

| | No. | Int. | Class | Remarks |
|---|---|---|---|---|
| ✓ | 136 | 8 | Ao | |
| ✓ | 137 | 5 | Go | |
| ✓ | 138 | 1 | G5 | |
| ✓ | 139 | 2. | Ko | |
| 9.50 ✓ | 140 | 3 | Go | |
| | 141 | | | |
| | 142 | | | |

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| | | | | | | |
|---|---|---|---|---|---|---|
| 136 +1° | 3689 | 18 | 22.6 | +1 | 5 | 8.0 ✓ |
| 137 +2° | 3598 | 18 | 20.3 | +2 | 18 | 8.2 ✓ |
| 138 +2° | 3597 | 18 | 20.1 | +2 | 35 | 8.9 ✓ |
| 139 +1° | 3668 | 18 | 18.4 | +1 | 16 | 8.8 ✓ |
| 140 +1° | 3665 | 18 | 17.9 | +1 | 10 | 8.9 ✓ |

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Idents. in book by J.C.M. Jan. 7, 1915.
Identification compared by S.R.B. Jan. 11, 1915

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