

1914phae.proj.2176C





















This book was examined for additional stars by a.m.c. Jan. 4, 1917



10.00  
9.57Friday, July 3, 1914.

I 38620

| No.  | Ints. | Class. Remarks. |
|------|-------|-----------------|
| ✓ 1  | 3     | F5              |
| ✓ 2  | 1     | K2              |
| ✓ 3  | 2     | A0              |
| ✓ 4  | 1     | K0              |
| ✓ 5  | 3     | A0              |
| ✓ 6  | 6     | K0              |
| ✓ 7  | 7     | G0              |
| ✓ 8  | 3     | A2              |
| ✓ 9  | 8     | B9              |
| ✓ 10 | 2     | F2              |
| ✓ 11 | 1     | F2              |
| ✓ 12 | 3     | F5              |
| ✓ 13 | 2     | F0              |
| ✓ 14 | 2     | G5              |
| ✓ 15 | 3     | G5              |
| ✓ 16 | 10    | B9              |
| ✓ 17 | 8     | K0              |
| ✓ 18 | 1     | K2              |
| ✓ 19 | 1     | K5              |
| ✓ 20 | 1     | K2              |
| ✓ 21 | 2     | G5              |
| ✓ 22 | 1     | G               |
| ✓ 23 | 2     | K0              |
| ✓ 24 | 4     | F2              |
| ✓ 25 | 2     | G5              |
| ✓ 26 | 2     | F8              |
| ✓ 27 | 2     | F0              |

|         |         |         |      |                    |
|---------|---------|---------|------|--------------------|
| 1 +27°  | 4614 23 | 38.5+27 | 22.7 | 7.5✓               |
| 2 +28°  | 4624 23 | 36.5+28 | 3.8  | 8.5✓               |
| 3 +27°  | 4601 23 | 35.2+27 | 54.1 | 8.7✓               |
| 4 +27°  | 4600 23 | 35.0+27 | 30.3 | 8.6✓               |
| 5 +27°  | 4593 23 | 33.4+27 | 5.0  | 8.9 <sup>3</sup> ✓ |
| 6 +26°  | 4671 23 | 32.8+26 | 43.5 | 6.3✓               |
| 7 +27°  | 4588 23 | 32.2+27 | 26.2 | 6.8✓               |
| 8 +26°  | 4668 23 | 31.4+26 | 41.3 | 8.5✓               |
| 9 +27°  | 4579 23 | 28.7+27 | 3.6  | 7.3✓               |
| 10 +28° | 4605 23 | 29.1+28 | 6.0  | 8.5✓               |
| 11 +27° | 4578 23 | 28.3+27 | 12.4 | 9.1✓               |
| 12 +27° | 4574 23 | 27.2+27 | 9.7  | 8.3✓               |
| 13 +25° | 4967 23 | 27.2+25 | 54.9 | 8.6✓               |
| 14 +25° | 4957 23 | 25.2+25 | 42.9 | 7.4✓               |
| 15 +25° | 4955 23 | 25.1+25 | 45.1 | 7.4✓               |
| 16 +27° | 4568 23 | 24.5+27 | 35.6 | 6.3✓               |
| 17 +27° | 4566 23 | 24.3+27 | 52.1 | 6.0✓               |
| 18 +28° | 4593 23 | 22.6+28 | 5.8  | 8.6✓               |
| 19 +28° | 4589 23 | 21.1+28 | 44.5 | 8.7✓               |
| 20 +28° | 4586 23 | 20.4+28 | 26.6 | 8.5✓               |
| 21 +28° | 4582 23 | 19.5+28 | 14.5 | 8.7✓               |
| 22 +27° | 4550 23 | 19.0+27 | 59.8 | 8.5✓               |
| 23 +27° | 4547 23 | 18.2+27 | 23.8 | 8.6✓               |
| 24 +27° | 4544 23 | 17.0+27 | 32.8 | 8.0✓               |
| 25 +28° | 4575 23 | 15.3+28 | 37.6 | 8.3✓               |
| 26 +28° | 4573 23 | 14.5+28 | 53.5 | 8.7✓               |
| 27 +29° | 4915 23 | 16.2+29 | 54.0 | 8.9✓               |



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| M.   | Int. | Class | Remarks |
|------|------|-------|---------|
| ✓ 28 | 2    | Ko    |         |
| ✓ 29 | 2    | Ko    |         |
| ✓ 30 | 2    | K2    |         |
| ✓ 31 | 5    | Qo    |         |
| ✓ 32 | 10   | Qo    |         |
| ✓ 33 | 10   | B9    |         |
| ✓ 34 | 3    | F5    |         |
| ✓ 35 | 4    | Fo    |         |
| ✓ 36 | 2    | Qo    |         |
| ✓ 37 | 2    | F8    |         |
| ✓ 38 | 1    | Ko    |         |
| ✓ 39 | 1    | G5    |         |
| ✓ 40 | 1    | Fo    |         |
| ✓ 41 | 1    | G5    |         |
| ✓ 42 | 1    | K5    |         |
| ✓ 43 | 6    | F5    |         |
| ✓ 44 | 1    | Qo    |         |
| ✓ 45 | 1    | K5    |         |
| ✓ 46 | 2    | F8    |         |
| ✓ 47 | 4    | K5    |         |
| ✓ 48 | 10   | B9    |         |
| ✓ 49 | 2    | Qo    |         |
| ✓ 50 | 2    | F8    |         |
| ✓ 51 | 1    | Qo    |         |
| ✓ 52 | 1    | K2    |         |
| ✓ 53 | 5    | G0    |         |
| ✓ 54 | 1    | K5    |         |

|                                 |         |                                  |      |      |
|---------------------------------|---------|----------------------------------|------|------|
| 28+29°                          | 4917 23 | 16.4+29                          | 35.5 | 8.8✓ |
| 29+29°                          | 4918 23 | 16.5+29                          | 51.9 | 8.4✓ |
| 30+29°                          | 4919 23 | 17.2+29                          | 57.1 | 8.0✓ |
| 31+30°                          | 4945 23 | 19.4+30                          | 57.5 | 7.7✓ |
| 32+31°                          | 4904 23 | 17.8+31                          | 35.0 | 6.0✓ |
| 33+31°                          | 4897 23 | 14.9+31                          | 1.2  | 5.8✓ |
| 34+32°                          | 4628 23 | 14.2+32                          | 13.2 | 8.0✓ |
| 35+32°                          | 4621 23 | 11.6+32                          | 15.4 | 8.0✓ |
| 36+32°                          | 4618 23 | 10.6+32                          | 28.2 | 8.2✓ |
| 37+32°                          | 4612 23 | 9.0+32                           | 16.4 | 8.0✓ |
| 38+32°                          | 4873 23 | 7.3+32                           | 43.3 | 7.5✓ |
| 39+30°                          | 4906 23 | 7.1+30                           | 30.8 | 8.3✓ |
| 40+29°                          | 4891 23 | 9.3+29                           | 57.0 | 8.7✓ |
| 41+29°                          | 4887 23 | 7.5+29                           | 31.7 | 8.8✓ |
| 42+33°                          | 4678 23 | 9.6+33                           | 6.0  | 8.5✓ |
| 43+33°                          | 4682 23 | 10.7+33                          | 15.8 | 6.8✓ |
| 44+33°                          | 4683 23 | 10.8+33                          | 11.6 | 8.9✓ |
| 45+32°                          | 4619 23 | 11.3+32                          | 43.7 | 8.5✓ |
| 46+32°                          | 4620 23 | 11.4+32                          | 53.1 | 8.7✓ |
| 47+32°                          | 4622 23 | 11.7+32                          | 56.1 | 7.5✓ |
| 48+34°                          | 4899 23 | 12.4+34                          | 0.2  | 6.4✓ |
| 49+33°                          | 4690 23 | 12.9+33                          | 56.5 | 8.3✓ |
| 50+33°                          | 4691 23 | 13.4+33                          | 15.0 | 8.1✓ |
| 51+33°                          | 4693 23 | 14.4+33                          | 10.6 | 8.8✓ |
| 52+ <sup>34</sup> <del>33</del> | 4887 23 | 9.8+ <sup>34</sup> <del>33</del> | 9.9  | 8.3✓ |
| 53+33                           | 4674 23 | 8.9+33                           | 54.5 | 7.8✓ |
| 54+34°                          | 4904 23 | 14.2+34                          | 39.0 | 8.3✓ |



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| No.  | Int. | Class | Remarks      |
|------|------|-------|--------------|
| ✓ 55 | 1    | Ko    |              |
| ✓ 56 | 2    | F5    |              |
| ✓ 57 | 1    | Ko    |              |
| ✓ 58 | 1    | G5    |              |
| ✓ 59 | 3    | G0    |              |
| ✓ 60 | 1    | K2    |              |
| ✓ 61 | 1    | Ko    |              |
| ✓ 62 | 1    | K2    |              |
| ✓ 63 | 6    | Fo    |              |
| ✓ 64 | 2    | F5    | Lines fuzzy. |
| ✓ 65 | 6    | A5    |              |
| ✓ 66 | 3    | A3    |              |
| ✓ 67 | 3    | Ko    |              |
| ✓ 68 | 5    | F5    |              |
| ✓ 69 | 2    | K2    |              |
| ✓ 70 | 3    | A3    |              |
| ✓ 71 | 6    | F2    |              |
| ✓ 72 | 2    | Ko    |              |
| ✓ 73 | 7    | F5    |              |
| ✓ 74 | 3    | Ko    |              |
| ✓ 75 | 1    | Ko    |              |
| ✓ 76 | 1    | K5    |              |
| ✓ 77 | 2    | G5    |              |
| ✓ 78 | 1    | K5    |              |
| ✓ 79 | 5    | F8    |              |
| ✓ 80 | 4    | K5    |              |
| ✓ 81 | 9    | K5    |              |

|         |         |          |      |                              |
|---------|---------|----------|------|------------------------------|
| 55 +34° | 4916 23 | 17.2 +34 | 32.1 | 7.0 ✓                        |
| 56 +33° | 4699 23 | 15.9 +33 | 34.8 | 8.3 ✓                        |
| 57 +33° | 4701 23 | 16.4 +33 | 31.4 | 8.4 ✓                        |
| 58 +33° | 4700 23 | 16.1 +33 | 10.9 | 8.8 ✓                        |
| 59 +32° | 4639 23 | 17.6 +32 | 48.9 | 8.4 ✓                        |
| 60 +31° | 4905 23 | 18.2 +31 | 39.0 | 8.9 ✓                        |
| 61 +31° | 4903 23 | 17.7 +31 | 19.7 | 8.8 ✓                        |
| 62 +31° | 4906 23 | 18.8 +31 | 12.4 | 9.0 ✓                        |
| 63 +31° | 4908 23 | 19.9 +31 | 43.3 | 7.9 ✓                        |
| 64 +31° | 4912 23 | 20.3 +31 | 45.1 | 9.0 +31° 4911 magn. 9.3 sup. |
| 65 +32° | 4649 23 | 20.7 +32 | 10.6 | 7.5 ✓                        |
| 66 +31° | 4919 23 | 22.1 +31 | 51.5 | 8.0 ✓                        |
| 67 +31° | 4915 23 | 21.2 +31 | 28.5 | 8.5 ✓                        |
| 68 +31° | 4918 23 | 21.7 +31 | 0.2  | 7.8 ✓                        |
| 69 +30° | 4957 23 | 22.0 +30 | 54.2 | 8.1 ✓                        |
| 70 +30° | 4959 23 | 22.6 +30 | 54.9 | 8.3 ✓                        |
| 71 +30° | 4962 23 | 23.1 +30 | 33.9 | 8.0 ✓                        |
| 72 +30° | 4961 23 | 23.0 +30 | 54.7 | 8.4 ✓                        |
| 73 +30° | 4963 23 | 23.3 +30 | 2.6  | 7.6 ✓                        |
| 74 +29° | 4940 23 | 22.4 +29 | 37.8 | 8.0 ✓                        |
| 75 +29° | 4934 23 | 21.8 +29 | 21.3 | 8.8 ✓                        |
| 76 +29° | 4930 23 | 20.2 +29 | 5.9  | 8.5 ✓                        |
| 77 +30° | 4948 23 | 20.6 +30 | 32.6 | 8.8 ✓                        |
| 78 +30° | 4969 23 | 24.8 +30 | 25.7 | 8.9 ✓                        |
| 79 +30° | 4971 23 | 25.3 +30 | 38.8 | 8.3 ✓                        |
| 80 +30° | 4977 23 | 26.5 +30 | 13.3 | 8.2 ✓                        |
| 81 +30° | 4978 23 | 26.8 +30 | 31.7 | 5.0 ✓                        |



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| ✓ No. | Int. | Class | Remarks                 |
|-------|------|-------|-------------------------|
| ✓ 82  | 7    | A2    |                         |
| ✓ 83  | 7    | K0    |                         |
| ✓ 84  | 1    | K0    |                         |
| ✓ 85  | 7    | G0    |                         |
| ✓ 86  | 2    | G5    | Nearly all super. on 85 |
| ✓ 87  | 7.1  | F5    |                         |
| ✓ 88  | 1    | A2    |                         |
| ✓ 89  | 5    | G0    |                         |
| ✓ 90  | 1    | F8    |                         |
| ✓ 91  | 2    | F5    |                         |
| ✓ 92  | 1    | K2    |                         |
| ✓ 93  | 2    | K0    |                         |
| ✓ 94  | 2    | K0    |                         |
| ✓ 95  | 2    | F8    |                         |
| ✓ 96  | 7    | A0    |                         |
| ✓ 97  | 1    | K0    |                         |
| ✓ 98  | 3    | F8    |                         |
| ✓ 99  | 3    | G0    |                         |
| ✓ 100 | 3    | K2    |                         |
| ✓ 101 | 2    | K2    |                         |
| ✓ 102 | 4.   | A0    |                         |
| ✓ 103 | 7    | A0    |                         |
| ✓ 104 | 2    | A2    |                         |
| ✓ 105 | 4    | A0    |                         |
| ✓ 106 | 3    | K2    |                         |
| 107   | 1    | K5    |                         |
| ✓ 108 | 2    | A2    |                         |

|         |         |         |      |      |
|---------|---------|---------|------|------|
| 82+31°  | 4932 23 | 27.8+31 | 1.7  | 7.7✓ |
| 83+31°  | 4935 23 | 28.3+31 | 24.0 | 6.8✓ |
| 84+31°  | 4937 23 | 28.6+31 | 21.0 | 8.5✓ |
| 85+30°  | 4982 23 | 28.2+30 | 12.1 | 7.5✓ |
| 86+30°  | 4983 23 | 28.3+30 | 23.0 | 7.9✓ |
| 87+29°  | 4956 23 | 26.5+29 | 4.1  | 7.6✓ |
| 88+29°  | 4963 23 | 27.6+29 | 13.9 | 8.6✓ |
| 89+29°  | 4971 23 | 29.9+29 | 52.2 | 7.8✓ |
| 90+29°  | 4972 23 | 30.0+29 | 13.9 | 8.7✓ |
| 91+29°  | 4974 23 | 31.7+29 | 15.1 | 8.5✓ |
| 92+30°  | 4996 23 | 31.9+30 | 4.1  | 8.8✓ |
| 93+30°  | 5000 23 | 32.5+30 | 18.8 | 8.8✓ |
| 94+30°  | 5002 23 | 34.3+30 | 39.5 | 8.6✓ |
| 95+30°  | 5006 23 | 35.2+30 | 10.3 | 8.7✓ |
| 96+31°  | 4952 23 | 34.1+31 | 45.1 | 7.0✓ |
| 97+31°  | 4955 23 | 35.0+31 | 39.6 | 8.8✓ |
| 98+31°  | 4960 23 | 36.0+31 | 33.8 | 8.8✓ |
| 99+31°  | 4965 23 | 38.1+31 | 23.0 | 8.5✓ |
| 100+30° | 5016 23 | 38.2+30 | 55.2 | 8.0✓ |
| 101+30° | 5022 23 | 40.0+30 | 39.8 | 8.5✓ |
| 102+32° | 4704 23 | 38.7+32 | 15.0 | 8.3✓ |
| 103+32° | 4703 23 | 38.6+32 | 28.8 | 7.5✓ |
| 104+32° | 4699 23 | 38.1+32 | 49.6 | 8.7✓ |
| 105+32° | 4698 23 | 37.9+32 | 58.1 | 8.2✓ |
| 106+33° | 4768 23 | 39.1+33 | 13.6 | 7.5✓ |
| 107+33° | 4770 23 | 39.4+33 | 1.9  | 8.7✓ |
| 108+32° | 4706 23 | 39.3+32 | 35.7 | 8.7✓ |



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| No.   | Int. | class | Remarks                  |
|-------|------|-------|--------------------------|
| ✓ 109 | 7    | A0    | E                        |
| ✓ 110 | 3    | F5    |                          |
| ✓ 111 | 4    | K0    |                          |
| ✓ 112 | 8    | A2    |                          |
| ✓ 113 | 3    | F5    |                          |
| ✓ 114 | 8    | A2    |                          |
| ✓ 115 | 3    | A3    |                          |
| ✓ 116 | 2    | A3    |                          |
| ✓ 117 | 1    | K2    |                          |
| ✓ 118 | 2    | A0    |                          |
| ✓ 119 | 1    | K0    |                          |
| ✓ 120 | 3    | A2    |                          |
| ✓ 121 | 3    | A     | Nearly all super. on 122 |
| ✓ 122 | 2    | A0    |                          |
| ✓ 123 | 1    | K0    |                          |
| ✓ 124 | 2    | K2    |                          |
| ✓ 125 | 9    | F5    |                          |
| ✓ 126 | 9    | K0    |                          |
| ✓ 127 | 4    | K0    |                          |
| ✓ 128 | 5    | F5    |                          |
| ✓ 129 | 7    | A2    |                          |
| ✓ 130 | 5    | K2    |                          |
| ✓ 131 | 2    | A5    |                          |
| ✓ 132 | 3    | A5    |                          |
| ✓ 133 | 1    | K0    |                          |
| ✓ 134 | 2    | K5    |                          |
| ✓ 135 | 3    | F8    |                          |

|          |         |          |      |      |
|----------|---------|----------|------|------|
| 109 +33° | 4773 23 | 40.3 +33 | 43.7 | 7.5✓ |
| 110 +33° | 4765 23 | 37.6 +33 | 53.9 | 7.7✓ |
| 111 +33° | 4763 23 | 35.9 +33 | 55.9 | 7.0✓ |
| 112 +34° | 4979 23 | 32.6 +34 | 8.8  | 7.2✓ |
| 113 +33° | 4749 23 | 32.1 +33 | 54.8 | 7.8✓ |
| 114 +34° | 4972 23 | 31.4 +34 | 13.2 | 6.5✓ |
| 115 +33° | 4751 23 | 32.3 +33 | 15.0 | 8.3✓ |
| 116 +33° | 4753 23 | 33.0 +33 | 0.9  | 8.5✓ |
| 117 +32° | 4680 23 | 31.8 +32 | 9.1  | 8.4✓ |
| 118 +31° | 4945 23 | 32.2 +31 | 45.4 | 9.0✓ |
| 119 +31° | 4946 23 | 32.4 +31 | 39.7 | 8.8✓ |
| 120 +31° | 4942 23 | 31.0 +31 | 48.9 | 8.8✓ |
| 121 +32° | 4677 23 | 31.0 +32 | 2.5  | 8.8✓ |
| 122 +32° | 4678 23 | 31.1 +32 | 11.4 | 9.0✓ |
| 123 +32° | 4676 23 | 30.8 +32 | 26.7 | 9.0✓ |
| 124 +31° | 4941 23 | 30.5 +31 | 39.6 | 8.8✓ |
| 125 +32° | 4671 23 | 29.3 +32 | 6.2  | 6.8✓ |
| 126 +32° | 4667 23 | 27.5 +32 | 41.5 | 6.0✓ |
| 127 +33° | 4738 23 | 27.4 +33 | 33.7 | 7.5✓ |
| 128 +32° | 4658 23 | 25.4 +32 | 55.7 | 8.0✓ |
| 129 +32° | 4655 23 | 24.4 +32 | 53.2 | 7.7✓ |
| 130 +33° | 4721 23 | 23.7 +33 | 1.8  | 7.2✓ |
| 131 +32° | 4650 23 | 21.0 +32 | 46.4 | 9.0✓ |
| 132 +33° | 4711 23 | 20.6 +33 | 38.6 | 8.0✓ |
| 133 +33° | 4714 23 | 21.6 +33 | 47.3 | 8.5✓ |
| 134 +34° | 4938 23 | 22.8 +34 | 12.3 | 7.3✓ |
| 135 +34° | 4947 23 | 25.2 +34 | 31.7 | 7.8✓ |



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| No.         | Sex. | Class | Remark |
|-------------|------|-------|--------|
| ✓ 136       | 10   | Bg    |        |
| ✓ 137       | 3    | Ko    |        |
| 10.20 ✓ 138 | 1.1  | R2    |        |

comb. 137, 150

|                                     |         |                                    |      |       |
|-------------------------------------|---------|------------------------------------|------|-------|
| 136 + 3 <sup>4</sup> <sub>5</sub> ° | 4948 23 | 25.3 + 3 <sup>4</sup> <sub>5</sub> | 10.0 | 6.5 ✓ |
| 137 + 35°                           | 5054 23 | 27.6 + 35                          | 23.7 | 7.1 ✓ |
| 138 + 31°                           | 4927 23 | 25.4 + 31                          | 52.1 | 9.1 ✓ |

Ident. on cards by A.M.C. Jan. 29, 1915

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

Identification compared by E.R.B. Feb. 12, 1915

5.



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Q 38574

| 10.30 | m. | Sec. | class          | Remarks                |
|-------|----|------|----------------|------------------------|
| ✓ 1   | 1  |      | K <sub>0</sub> |                        |
| ✓ 2   | 2  |      | F <sub>8</sub> |                        |
| ✓ 3   | 3  |      | F <sub>5</sub> |                        |
| ✓ 4   | 3  |      | K <sub>0</sub> |                        |
| ✓ 5   | 2  |      | F <sub>8</sub> |                        |
| ✓ 6   | 4  |      | F <sub>2</sub> |                        |
| ✓ 7   | 1  |      | K <sub>2</sub> |                        |
| ✓ 8   | 4  |      | F <sub>5</sub> |                        |
| ✓ 9   | 7  |      | K <sub>0</sub> |                        |
| ✓ 10  | 1  |      | K <sub>2</sub> |                        |
| ✓ 11  | 3  |      | K <sub>2</sub> |                        |
| ✓ 12  | 2  |      | K <sub>2</sub> | Partly super. on 11    |
| ✓ 13  | 1  |      | F <sub>5</sub> |                        |
| ✓ 14  | 1  |      | F <sub>8</sub> |                        |
| ✓ 15  | 2  |      | F <sub>8</sub> |                        |
| ✓ 16  | 7  |      | F <sub>0</sub> | K appears faint. Comp? |
| ✓ 17  | 1  |      | K <sub>2</sub> |                        |
| ✓ 18  | 4  |      | F <sub>0</sub> |                        |
| ✓ 19  | 9  |      | B <sub>9</sub> |                        |
| ✓ 20  | 3  |      | K <sub>2</sub> |                        |
| ✓ 21  | 1  |      | F <sub>5</sub> |                        |
| ✓ 22  | 7  |      | B <sub>3</sub> |                        |
| ✓ 23  | 4  |      | A <sub>0</sub> |                        |
| ✓ 24  | 9  |      | F <sub>5</sub> |                        |
| ✓ 25  | 3  |      | K <sub>0</sub> |                        |
| ✓ 26  | 3  |      | K <sub>2</sub> |                        |
| ✓ 27  | 3  |      | A <sub>3</sub> |                        |

|                 |         |                   |      |   |
|-----------------|---------|-------------------|------|---|
| 1 $+34^{\circ}$ | 4838 22 | 589 $+34^{\circ}$ | 29.2 | 7.3 $+34^{\circ}$ 4837 Mag 9.5 Super<br>at w.                       |
| 2 $+37$         | 4768 23 | 01 $+37$          | 14.0 | 7.7 ✓   |
| 3 $+37$         | 4769 23 | 01 $+37$          | 27.2 | 7.5 ✓   |
| 4 $+37$         | 4765 22 | 596 $+37$         | 47.2 | 7.7 $+37^{\circ}$ 4766 Mag 9.1 Super.<br>m+                         |
| 5 $+38$         | 4926 22 | 58.7 $+38$        | 17.0 | 8.5 ✓   |
| 6 $+36$         | 5020 23 | 30 $+36$          | 54.4 | 7.3 ✓   |
| 7 $+37$         | 4782 23 | 44 $+37$          | 6.3  | 8.3 ✓   |
| 8 $+37$         | 4785 23 | 46 $+37$          | 25.8 | 7.5 $+37^{\circ}$ 4783 Mag 9.3 Super.<br>$+37^{\circ}$ 4784 Mag 9.4 |
| 9 $+36$         | 5021 23 | 5.5 $+36$         | 11.1 | 6.9 ✓   |
| 10 $+36$        | 5020 23 | 48 $+36$          | 0.3  | 8.0 ✓   |
| 11 $+36$        | 5012 23 | 32 $+36$          | 3.7  | 7.0 ✓   |
| 12 $+36$        | 5011 23 | 31 $+36$          | 5.1  | 8.0 ✓   |
| 13 $+35$        | 4960 23 | 1.1 $+35$         | 51.1 | 8.5 ✓   |
| 14 $+35$        | 4958 23 | 0.7 $+35$         | 32.3 | 8.5 ✓   |
| 15 $+35$        | 4986 23 | 8.0 $+35$         | 7.8  | 8.5 $+35^{\circ}$ 4987 Mag 9.5 Super.                               |
| 16 $+34$        | 4883 23 | 9.0 $+34$         | 36.6 | 6.6 ✓   |
| 17 $+34$        | 4875 23 | 7.6 $+34$         | 13.3 | 7.5 $+34^{\circ}$ 4876 Mag 9.5 Super.<br>at w.                      |
| 18 $+35$        | 5001 23 | 11.7 $+35$        | 17.5 | 7.3 ✓   |
| 19 $+35$        | 5007 23 | 12.4 $+35$        | 2.2  | 6.7 ✓   |
| 20 $+35$        | 5012 23 | 14.4 $+35$        | 42.4 | 6.7 ✓   |
| 21 $+35$        | 5020 23 | 15.5 $+35$        | 40.9 | 8.0 ✓   |
| 22 $+35$        | 5024 23 | 17.7 $+35$        | 34.0 | 6.5 ✓   |
| 23 $+35$        | 5025 23 | 18.3 $+35$        | 22.4 | 7.0 ✓   |
| 24 $+37$        | 4817 23 | 13.9 $+37$        | 23.1 | 6.0 $+37^{\circ}$ 4816 Mag 8.8 Super.                               |
| 25 $+37$        | 4820 23 | 14.3 $+37$        | 47.9 | 7.3 ✓   |
| 26 $+38$        | 4980 23 | 12.8 $+38$        | 29.8 | 8.0 ✓   |
| 27 $+39$        | 5061 23 | 12.4 $+39$        | 49.2 | 8.0 ✓   |



Friday July 3, 1914

238574

| No.        | Dist. | Class    | Remark                        |
|------------|-------|----------|-------------------------------|
| ✓ 28       | 1     | A2       |                               |
| ✓ 29       | 1     | A3       |                               |
| ✓ 30       | 2     | G0       | Another star super. at south. |
| ✓ 31       | 1     | K2       |                               |
| ✓ 32       | 2     | K2       |                               |
| ✓ 33       | 1     | F8       |                               |
| ✓ 34       | 7     | A3       |                               |
| ✓ 35       | 3     | A3       |                               |
| ✓ 36       | 1     | A5       |                               |
| ✓ 37       | 1     | K2       |                               |
| ✓ 38       | 1     | K5       |                               |
| ✓ 39       | 2     | K5       |                               |
| ✓ 40       | 2     | G5       |                               |
| ✓ 41       | 2     | G0       |                               |
| ✓ 42       | 2     | A2       |                               |
| 10.37 ✓ 43 | 2     | Ma       |                               |
| 44         |       |          |                               |
| 45         |       |          |                               |
| 46         |       |          |                               |
| 44         | 47    | 10       | B9                            |
| 45         | 48    |          |                               |
| 46         | 4     | G5<br>A5 | Comp                          |
| 47         | 2     | A5       |                               |
| 48         | 1     | K0       |                               |

|        |         |          |      |      |
|--------|---------|----------|------|------|
| 28 +39 | 5062 23 | 13.1 +39 | 31.2 | 8.9✓ |
| 29 +39 | 5059 23 | 12.0 +39 | 7.6  | 8.8✓ |
| 30 +39 | 5058 23 | 11.9 +39 | 38.9 | 8.5✓ |
| 31 +40 | 5037 23 | 10.0 +40 | 10.8 | 8.5✓ |
| 32 +40 | 5023 23 | 7.1 +40  | 0.9  | 8.0✓ |
| 33 +39 | 5035 23 | 6.9 +39  | 48.1 | 9.1✓ |
| 34 +39 | 5033 23 | 6.3 +39  | 13.1 | 7.5✓ |
| 35 +38 | 4956 23 | 6.7 +38  | 27.4 | 8.4✓ |
| 36 +37 | 4787 23 | 5.4 +37  | 59.6 | 8.7✓ |
| 37 +38 | 4965 23 | 9.5 +38  | 10.2 | 8.4✓ |
| 38 +37 | 4801 23 | 10.0 +37 | 10.1 | 7.6✓ |
| 39 +36 | 5036 23 | 10.2 +36 | 57.8 | 8.0✓ |
| 40 +36 | 5040 23 | 11.6 +36 | 54.2 | 8.6✓ |
| 41 +36 | 5060 23 | 16.9 +36 | 36.7 | 8.5✓ |
| 42 +37 | 4847 23 | 21.3 +37 | 58.0 | 8.5✓ |
| 43 +37 | 4852 23 | 22.6 +37 | 50.2 | 7.9✓ |

Ident. on cards by Amc. Feb. 10, 1915

Ident. in Book by E. F. & Feb. 11, 1915

Identification confirmed by E. R. B. Feb. 12, 1915

|                |    |          |    |     |      |              |
|----------------|----|----------|----|-----|------|--------------|
| ✓ 44 +35° 4917 | 22 | 49.0 +35 | 36 | 6.0 | 72 m | ✓ 38566      |
| ✓ 45 +34 4899  | 23 | 12.4 +34 | 0  | 6.4 | 48 m | ✓ 38020      |
| ✓ 46 +41° 4676 | 22 | 59.4 +41 | 1  | 7.6 | 37   | " "          |
| ✓ 47 +35° 5030 |    |          |    |     |      | 22 m ✓ 38615 |
| 48 +34 4849    | 23 | 1.5 +34  | 16 | 7.9 |      |              |



Friday July 3, 1914

D 38615

| 10.45 | No.  | Dist. | class | Remarks |
|-------|------|-------|-------|---------|
|       | ✓ 1  | 2     | K2    |         |
|       | ✓ 2  | 1     | K5    |         |
|       | ✓ 3  | 3     | K5    |         |
|       | ✓ 4  | 4     | F8    |         |
|       | ✓ 5  | 8     | G5    |         |
|       | ✓ 6  | 5     | G0    |         |
|       | ✓ 7  | 2     | K5    |         |
|       | ✓ 8  | 1     | K0    |         |
|       | ✓ 9  | 5     | F8    |         |
|       | ✓ 10 | 3     | A0    |         |
|       | ✓ 11 | 5     | A0    |         |
|       | ✓ 12 | 9     | F5    |         |
|       | ✓ 13 | 3     | A2    |         |
|       | ✓ 14 | 1     | A5    |         |
|       | ✓ 15 | 5     | K2    |         |
|       | ✓ 16 | 1     | K5    |         |
|       | ✓ 17 | 2     | F5    |         |
|       | ✓ 18 | 7     | F8    |         |
|       | ✓ 19 | 6     | K5    |         |
|       | ✓ 20 | 3     | F0    |         |
|       | ✓ 21 | 3     | K2    |         |
|       | ✓ 22 | 2     | F0    |         |
|       | ✓ 23 | 2     | G5    |         |
|       | ✓ 24 | 1     | K5    |         |
|       | ✓ 25 | 2     | K2    |         |
|       | ✓ 26 | 3     | K2    |         |
|       | ✓ 27 | 2     | G5    |         |

|    |               |      |    |      |               |    |     |   |
|----|---------------|------|----|------|---------------|----|-----|---|
| 1  | $+35^{\circ}$ | 5029 | 23 | 46.0 | $+35^{\circ}$ | 50 | 7.3 | ✓ |
| 2  | $+35^{\circ}$ | 5028 | 23 | 45.9 | $+35^{\circ}$ | 14 | 7.5 | ✓ |
| 3  | $+35^{\circ}$ | 5024 | 23 | 45.3 | $+35^{\circ}$ | 31 | 7.0 | ✓ |
| 4  | $+34^{\circ}$ | 5016 | 23 | 42.8 | $+34^{\circ}$ | 58 | 7.4 | ✓ |
| 5  | $+35^{\circ}$ | 5110 | 23 | 42.4 | $+35^{\circ}$ | 38 | 5.9 | ✓ |
| 6  | $+35^{\circ}$ | 5107 | 23 | 41.3 | $+35^{\circ}$ | 28 | 7.0 | ✓ |
| 7  | $+36^{\circ}$ | 5117 | 23 | 39.5 | $+36^{\circ}$ | 42 | 7.5 | ✓ |
| 8  | $+36^{\circ}$ | 5114 | 23 | 38.6 | $+36^{\circ}$ | 48 | 8.3 | ✓ |
| 9  | $+35^{\circ}$ | 5086 | 23 | 37.0 | $+35^{\circ}$ | 32 | 7.5 | ✓ |
| 10 | $+35^{\circ}$ | 5079 | 23 | 34.5 | $+35^{\circ}$ | 31 | 7.9 | ✓ |
| 11 | $+35^{\circ}$ | 5076 | 23 | 33.8 | $+35^{\circ}$ | 10 | 7.8 | ✓ |
| 12 | $+35^{\circ}$ | 5074 | 23 | 33.4 | $+35^{\circ}$ | 54 | 6.0 | ✓ |
| 13 | $+34^{\circ}$ | 4973 | 23 | 31.5 | $+34^{\circ}$ | 43 | 7.9 | ✓ |
| 14 | $+34^{\circ}$ | 4971 | 23 | 31.3 | $+34^{\circ}$ | 44 | 8.7 | ✓ |
| 15 | $+35^{\circ}$ | 5066 | 23 | 30.3 | $+35^{\circ}$ | 0  | 7.0 | ✓ |
| 16 | $+34^{\circ}$ | 4966 | 23 | 29.9 | $+34^{\circ}$ | 59 | 8.0 | ✓ |
| 17 | $+35^{\circ}$ | 5047 | 23 | 25.3 | $+35^{\circ}$ | 12 | 8.2 | ✓ |
| 18 | $+36^{\circ}$ | 5082 | 23 | 27.5 | $+36^{\circ}$ | 59 | 7.2 | ✓ |
| 19 | $+37^{\circ}$ | 4866 | 23 | 27.7 | $+37^{\circ}$ | 14 | 6.2 | ✓ |
| 20 | $+37^{\circ}$ | 4862 | 23 | 26.1 | $+37^{\circ}$ | 52 | 8.3 | ✓ |
| 21 | $+36^{\circ}$ | 4861 | 23 | 24.9 | $+36^{\circ}$ | 30 | 7.5 | ✓ |
| 22 | $+35^{\circ}$ | 5030 | 23 | 20.1 | $+35^{\circ}$ | 11 | 8.4 | ✓ |
| 23 | $+35^{\circ}$ | 5028 | 23 | 19.8 | $+35^{\circ}$ | 18 | 8.0 | ✓ |
| 24 | $+36^{\circ}$ | 5087 | 23 | 30.3 | $+36^{\circ}$ | 55 | 8.3 | ✓ |
| 25 | $+38^{\circ}$ | 5037 | 23 | 30.0 | $+38^{\circ}$ | 40 | 8.5 | ✓ |
| 26 | $+38^{\circ}$ | 5042 | 23 | 31.6 | $+38^{\circ}$ | 14 | 8.0 | ✓ |
| 27 | $+38^{\circ}$ | 5044 | 23 | 32.3 | $+38^{\circ}$ | 14 | 8.6 | ✓ |



Friday July 3, 1914

2 38615

| No.       | Int. | class | Remark |
|-----------|------|-------|--------|
| ✓ 28      | 1    | G5    |        |
| ✓ 29      | 2    | A     |        |
| ✓ 30      | 2    | G5    |        |
| ✓ 31      | 2    | A2    |        |
| ✓ 32      | 5    | A0    |        |
| ✓ 33      | 2    | K0    |        |
| ✓ 34      | 1    | G5    |        |
| 10.5 ✓ 35 | 3    | A2    |        |
| ✓ 36      | 7    | F0    |        |

~~37~~

37 9 A0  
 38 5 A0

|    |      |                         |                     |                         |     |                     |                       |   |
|----|------|-------------------------|---------------------|-------------------------|-----|---------------------|-----------------------|---|
| 28 | +38° | 5056                    | 23                  | 35.2                    | +38 | 15                  | 8.9                   | ✓ |
| 29 | +37° | 4881                    | 23                  | 35.2                    | +37 | 8                   | 8.6                   | ✓ |
| 30 | +37° | 4882                    | 23                  | 36.6                    | +37 | 7                   | 8.2                   | ✓ |
| 31 | +36° | 5106                    | 23                  | 35.7                    | +36 | 29                  | 8.5                   | ✓ |
| 32 | +39° | <del>5119</del><br>5114 | <del>23</del><br>23 | <del>28.7</del><br>27.5 | +39 | <del>14</del><br>26 | <del>8.1</del><br>6.0 | ✓ |
| 33 | +39° | 5129                    | 23                  | 31.3                    | +39 | 41                  | 8.5                   | ✓ |
| 34 | +39° | 5157                    | 23                  | 38.3                    | +39 | 38                  | 8.6                   | ✓ |
| 35 | +39° | 5180                    | 23                  | 44.9                    | +39 | 4                   | 8.1                   | ✓ |
| 36 | +36° | 5098                    | 23                  | 32.9                    | +36 | 51                  | 6.5                   | ✓ |

Identified here Feb. 13 1915 J.W.

Identified on cards by Ann. Feb. 13, 1915

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

|   |    |     |      |    |      |     |    |     |                |
|---|----|-----|------|----|------|-----|----|-----|----------------|
| ✓ | 37 | +34 | 4948 | 23 | 25.3 | +34 | 10 | 6.5 | 136 on ✓ 38620 |
|   | 38 | +33 | 4773 |    |      |     |    |     | 109 ..         |



Monday July 6, 1914

2 388121

11.40 No. Dist. class Remark

✓ 1 3 A3

✓ 2 21 K0

✓ 3 2 F0

✓ 4 1 K0

✓ 5 2 K0

✓ 6 3 F0

✓ 7 2 A2

✓ 8 2 K0

✓ 9 3 A0

✓ 10 1 K2

✓ 11 4 F5

✓ 12 3 K0

✓ 13 1 F5

✓ 14 1 A2

✓ 15 2 F8

✓ 16 3 F5

✓ 17 2 mb

✓ 18 1 K5

✓ 19 2 F8

✓ 20 1 Ma

✓ 21 1 K5

11.44 ✓ 22 1 K5

10.46 ✓ 23 1 F5

✓ 24 1 K5

✓ 25 1 F8

✓ 26 1 F5

✓ 27 2 F8

|    |           |    |      |     |    |     |   |
|----|-----------|----|------|-----|----|-----|---|
| 1  | +20° 4772 | 20 | 49.6 | +20 | 53 | 7.8 | ✓ |
| 2  | +19° 4576 | 20 | 50.8 | +19 | 36 | 7.8 | ✓ |
| 3  | +19° 4589 | 20 | 53.2 | +19 | 30 | 8.4 | ✓ |
| 4  | +21° 4439 | 20 | 55.1 | +21 | 17 | 8.3 | ✓ |
| 5  | +21° 4444 | 20 | 56.0 | +21 | 6  | 7.7 | ✓ |
| 6  | +21° 4445 | 20 | 56.1 | +21 | 7  | 7.9 | ✓ |
| 7  | +21° 4454 | 20 | 57.2 | +21 | 31 | 8.7 | ✓ |
| 8  | +20° 4822 | 20 | 58.1 | +20 | 19 | 7.8 | ✓ |
| 9  | +20° 4828 | 20 | 59.4 | +20 | 44 | 8.1 | ✓ |
| 10 | +21° 4462 | 20 | 59.0 | +21 | 18 | 8.0 | ✓ |
| 11 | +19° 4617 | 20 | 59.2 | +19 | 29 | 8.0 | ✓ |
| 12 | +18° 4687 | 20 | 57.3 | +18 | 10 | 8.0 | ✓ |
| 13 | +18° 4678 | 20 | 58.7 | +18 | 3  | 8.7 | ✓ |
| 14 | +17° 4483 | 20 | 53.0 | +17 | 37 | 8.8 | ✓ |
| 15 | +17° 4459 | 20 | 49.3 | +17 | 18 | 8.3 | ✓ |
| 16 | +17° 4454 | 20 | 48.5 | +17 | 13 | 8.3 | ✓ |
| 17 | +15° 4297 | 20 | 50.4 | +15 | 41 | 7.3 | ✓ |
| 18 | +19° 4574 | 20 | 50.5 | +19 | 5  | 8.0 | ✓ |
| 19 | +18° 4710 | 21 | 1.3  | +18 | 15 | 8.6 | ✓ |
| 20 | +18° 4743 | 21 | 8.5  | +18 | 1  | 7.5 | ✓ |
| 21 | +18° 4751 | 21 | 10.4 | +18 | 21 | 8.3 | ✓ |
| 22 | +19° 4686 | 21 | 13.9 | +19 | 14 | 8.0 | ✓ |
| 23 | +19° 4684 | 21 | 13.4 | +19 | 4  | 9.1 | ✓ |
| 24 | +19° 4692 | 21 | 15.6 | +19 | 24 | 8.4 | ✓ |
| 25 | +18° 4788 | 21 | 18.7 | +18 | 3  | 8.7 | ✓ |
| 26 | +17° 4541 | 21 | 11.2 | +17 | 25 | 8.9 | ✓ |
| 27 | +18° 4745 | 21 | 8.9  | +18 | 29 | 8.8 | ✓ |



Monday July 6, 1914

Q 38812

| No.           | Sex. | class | Remark |
|---------------|------|-------|--------|
| ✓ 28          | 1    | K0    |        |
| ✓ 29          | 1    | F8    |        |
| ✓ 30          | 1    | A2    |        |
| ✓ 31          | 2    | F8    |        |
| ✓ 32          | 1    | K2    |        |
| ✓ 33          | 1    | K2    |        |
| ✓ 34          | 1    | A2    |        |
| 10.49 ✓ 35    | 1    | A0    |        |
| <del>36</del> |      |       |        |

|    |    |     |  |
|----|----|-----|--|
| 36 | 9  | B9  |  |
| 37 | 8  | A5  |  |
| 38 | A2 | 2   |  |
| 39 | A0 | 2   |  |
| 40 | 3  | A0  |  |
| 41 | 6  | F15 |  |
| 42 | 5  | A2  |  |

|    |      |                         |                     |                         |                       |                     |                       |   |
|----|------|-------------------------|---------------------|-------------------------|-----------------------|---------------------|-----------------------|---|
| 28 | +22° | 4350                    | 21                  | 10.5                    | +22                   | 4                   | 8.3                   | ✓ |
| 29 | +20° | 4861                    | 21                  | 8.6                     | +20                   | 60                  | 9.1                   | ✓ |
| 30 | +20° | 4803                    | 20                  | 54.6                    | +20                   | 2                   | 8.7                   | ✓ |
| 31 | +20° | 4789                    | 20                  | 52.8                    | +20                   | 26                  | 8.2                   | ✓ |
| 32 | +19° | <del>4609</del><br>4605 | <del>20</del><br>20 | <del>56.8</del><br>56.1 | <del>+19</del><br>+19 | <del>46</del><br>51 | <del>9.0</del><br>9.0 | ✓ |
| 33 | +20° | 4786                    | 20                  | 52.3                    | +20                   | 15                  | 8.2                   | ✓ |
| 34 | +20° | 4782                    | 20                  | 51.7                    | +20                   | 40                  | 8.6                   | ✓ |
| 35 | +20° | 4776                    | 20                  | 50.2                    | +20                   | 35                  | 8.6                   | ✓ |

Ident. on cards by Amc. Feb. 15, 1915  
 Identified in book Feb. 17, 1915 J.W.

Identification compared by G.R.B. Feb. 18, 1915

|      |     |      |    |      |     |    |     |               |
|------|-----|------|----|------|-----|----|-----|---------------|
| ✓ 36 | +21 | 4521 | 21 | 13.7 | +21 | 26 | 6.0 | 24 on J38057  |
| ✓ 37 | +18 | 4375 | 21 | 6.7  | +18 | 23 | 6.5 | 123 on J38129 |
| ✓ 38 | +18 | 4762 | 21 | 14.1 | +18 | 12 | 8.3 | 171 " "       |
| ✓ 39 | +18 | 4702 | 20 | 59.8 | +18 | 32 | 8.3 | 189 " "       |
| ✓ 40 | +18 | 4729 |    |      |     |    |     | 196 " "       |
| ✓ 41 | +18 | 4719 |    |      |     |    |     | 188 " "       |
| ✓ 42 | +18 | 4695 |    |      |     |    |     | 190 " "       |



Monday July 6, 1914

L 38617

| 12.07 | No.  | Sex. | Class          | Remarks |
|-------|------|------|----------------|---------|
|       | ✓ 1  | 8    | K <sub>0</sub> |         |
|       | ✓ 2  | 6    | mb             |         |
|       | ✓ 3  | 6    | K <sub>0</sub> |         |
|       | ✓ 4  | 4    | A <sub>3</sub> |         |
|       | ✓ 5  | 5    | A <sub>5</sub> |         |
|       | ✓ 6  | 2    | Mar            |         |
|       | ✓ 7  | 1    | K <sub>0</sub> |         |
|       | ✓ 8  | 2    | b              |         |
|       | ✓ 9  | 3    | A <sub>0</sub> |         |
|       | ✓ 10 | 2    | K <sub>0</sub> |         |
|       | ✓ 11 | 4    | F <sub>8</sub> |         |
|       | ✓ 12 | 1    | F <sub>8</sub> |         |
|       | ✓ 13 | 1    | G <sub>5</sub> |         |
|       | ✓ 14 | 1    | A <sub>2</sub> |         |
|       | ✓ 15 | 4    | K <sub>0</sub> |         |
|       | ✓ 16 | 2    | K <sub>0</sub> |         |
|       | ✓ 17 | 1    | K <sub>2</sub> |         |
|       | ✓ 18 | 1    | K <sub>5</sub> |         |
|       | ✓ 19 | 1    | F <sub>8</sub> |         |
|       | ✓ 20 | 4    | G <sub>0</sub> |         |
|       | ✓ 21 | 2    | G <sub>5</sub> |         |
|       | ✓ 22 | 1    | G <sub>5</sub> |         |
|       | ✓ 23 | 2    | K <sub>2</sub> |         |
|       | ✓ 24 | 2    | K <sub>2</sub> |         |
|       | ✓ 25 | 3    | G <sub>5</sub> |         |
|       | ✓ 26 | 3    | K <sub>2</sub> |         |
|       | ✓ 27 | 4    | K <sub>0</sub> |         |

|         |         |          |      |   |
|---------|---------|----------|------|---|
| 1 +16°  | 4831 22 | 45.9 +16 | 4.3  | 5.5 ✓                                     |
| 2 +16°  | 4833 22 | 47.5 +16 | 10.1 | 7.0 ✓                                     |
| 3 +17°  | 4827 22 | 47.2 +17 | 1.7  | 7.1 ✓                                     |
| 4 +17°  | 4832 22 | 48.4 +17 | 1.5  | 8.0 ✓                                     |
| 5 +17°  | 4833 22 | 48.4 +17 | 24.9 | 7.8 ✓                                     |
| 6 +18°  | 5069 22 | 48.5 +18 | 6.1  | 8.1 ✓                                     |
| 7 +19°  | 5034 22 | 49.4 +19 | 4.3  | 8.9 ✓                                     |
| 8 +18°  | 5073 22 | 50.0 +18 | 39.8 | 9.1 ✓                                     |
| 9 +18°  | 5074 22 | 50.2 +18 | 34.5 | 9.0 ✓                                     |
| 10 +18° | 5076 22 | 50.5 +18 | 14.1 | 8.5 +18° 5077 magn. 9.2<br>sup. after all |
| 11 +18° | 5082 22 | 52.1 +18 | 22.5 | 8.2 ✓                                     |
| 12 +18° | 5078 22 | 51.0 +18 | 48.0 | 8.6 ✓                                     |
| 13 +17° | 4842 22 | 51.5 +17 | 35.7 | 8.5 ✓                                     |
| 14 +17° | 4844 22 | 52.1 +17 | 9.8  | 9.0 ✓                                     |
| 15 +16° | 4842 22 | 50.1 +16 | 45.3 | 8.3 ✓                                     |
| 16 +16° | 4838 22 | 49.2 +16 | 41.0 | 8.7 ✓                                     |
| 17 +16° | 4845 22 | 50.3 +16 | 54.1 | 8.8 ✓                                     |
| 18 +18° | 5083 22 | 52.1 +18 | 4.2  | 9.0 ✓                                     |
| 19 +18° | 5084 22 | 52.4 +18 | 3.5  | 9.0 ✓                                     |
| 20 +18° | 5089 22 | 54.4 +18 | 30.1 | 8.0 ✓                                     |
| 21 +18° | 5090 22 | 54.6 +18 | 49.0 | 8.3 ✓                                     |
| 22 +18° | 5091 22 | 54.7 +18 | 43.2 | 9.1 ✓                                     |
| 23 +18° | 5093 22 | 54.9 +18 | 2.1  | 8.5 ✓                                     |
| 24 +17° | 4852 22 | 55.0 +17 | 45.3 | 8.0 ✓                                     |
| 25 +17° | 4853 22 | 55.3 +17 | 51.6 | 8.3 ✓                                     |
| 26 +18° | 5096 22 | 55.5 +18 | 3.7  | 8.3 ✓                                     |
| 27 +18° | 5097 22 | 55.8 +18 | 2.7  | 8.3 ✓                                     |



Monday July 6, 1914

238617

| No.  | Dist. | Class | Remark |
|------|-------|-------|--------|
| ✓ 28 | 4     | G5    |        |
| ✓ 29 | 1     | F8    |        |
| ✓ 30 | 3     | G5    |        |
| ✓ 31 | 8     | F0    |        |
| ✓ 32 | 3     | F5    |        |
| ✓ 33 | 5     | K0    |        |
| ✓ 34 | 9     | F2    |        |
| ✓ 35 | 5     | F0    |        |
| ✓ 36 | 2     | F8    |        |
| ✓ 37 | 3     | F0    |        |
| ✓ 38 | 6.    | F8    |        |
| ✓ 39 | 1     | G5    |        |
| ✓ 40 | 1     | K0    |        |
| ✓ 41 | 3     | F5    |        |
| ✓ 42 | 1     | K2    |        |
| ✓ 43 | 1     | K0    |        |
| ✓ 44 | 3     | G5    |        |
| ✓ 45 | 10    | B9    |        |
| ✓ 46 | 1     | G5    |        |
| ✓ 47 | 4     | G5    |        |
| ✓ 48 | 21    | G0    |        |
| ✓ 49 | 1     | K2    |        |
| ✓ 50 | 1     | K2    |        |
| ✓ 51 | 8     | K5    |        |
| ✓ 52 | 3     | F5    |        |
| ✓ 53 | 6     | K2    |        |
| ✓ 54 | 6     | G0    |        |

|         |         |          |      |       |
|---------|---------|----------|------|-------|
| 28 +17° | 4855 22 | 55.7 +17 | 9.8  | 8.5 ✓ |
| 29 +17° | 4860 22 | 56.7 +17 | 29.5 | 8.8 ✓ |
| 30 +17° | 4861 22 | 57.2 +17 | 6.7  | 8.3 ✓ |
| 31 +17° | 4863 22 | 57.9 +17 | 51.2 | 7.7 ✓ |
| 32 +17° | 4864 22 | 58.0 +17 | 54.6 | 9.2 ✓ |
| 33 +18° | 5105 22 | 59.1 +18 | 12.5 | 7.4 ✓ |
| 34 +17° | 4866 22 | 59.1 +17 | 44.3 | 6.7 ✓ |
| 35 +17° | 4865 22 | 58.8 +17 | 18.5 | 8.0 ✓ |
| 36 +17° | 4868 22 | 59.9 +17 | 11.3 | 8.2 ✓ |
| 37 +18° | 5101 22 | 57.7 +18 | 58.8 | 8.7 ✓ |
| 38 +18° | 5098 22 | 56.8 +18 | 15.1 | 9.0 ✓ |
| 39 +18° | 5099 22 | 57.1 +18 | 11.3 | 8.9 ✓ |
| 40 +18° | 5106 22 | 59.2 +18 | 28.1 | 8.7 ✓ |
| 41 +18° | 5112 23 | 1.7 +18  | 43.9 | 8.5 ✓ |
| 42 +18° | 5115 23 | 2.5 +18  | 49.0 | 9.0 ✓ |
| 43 +18° | 5109 23 | 0.9 +18  | 10.2 | 8.9 ✓ |
| 44 +17° | 4874 23 | 2.0 +17  | 37.8 | 8.5 ✓ |
| 45 +17° | 4875 23 | 2.2 +17  | 56.9 | 7.1 ✓ |
| 46 +18° | 5116 23 | 3.0 +18  | 12.5 | 9.5 ✓ |
| 47 +18° | 5118 23 | 3.6 +18  | 7.3  | 8.3 ✓ |
| 48 +17° | 4879 23 | 4.2 +17  | 49.8 | 9.0 ✓ |
| 49 +17° | 4877 23 | 3.0 +17  | 44.6 | 9.2 ✓ |
| 50 +17° | 4876 23 | 2.4 +17  | 35.1 | 9.0 ✓ |
| 51 +16° | 4882 23 | 3.5 +16  | 48.0 | 5.8 ✓ |
| 52 +19° | 5067 23 | 6.0 +19  | 11.8 | 8.5 ✓ |
| 53 +18° | 5125 23 | 6.8 +18  | 50.4 | 6.5 ✓ |
| 54 +18° | 5126 23 | 7.1 +18  | 58.8 | 7.3 ✓ |



Monday July 6, 1914

238617

| No.  | Dist. | class | Remark              |
|------|-------|-------|---------------------|
| ✓ 55 | 6     | K2    |                     |
| ✓ 56 | 3     | K0    |                     |
| ✓ 57 | 2     | K0    |                     |
| ✓ 58 | 2     | K5    |                     |
| ✓ 59 | 1     | G     |                     |
| ✓ 60 | 1     | G5    |                     |
| ✓ 61 | 1     | K5    |                     |
| ✓ 62 | 3     | F8    |                     |
| ✓ 63 | 1     | K0    |                     |
| ✓ 64 | 5     | F0    |                     |
| ✓ 65 | 5     | K2    |                     |
| ✓ 66 | 4     | F8    |                     |
| ✓ 67 | 8     | F0    |                     |
| ✓ 68 | 1     | K0    |                     |
| ✓ 69 | 2     | G0    |                     |
| ✓ 70 | 3     | G5    |                     |
| ✓ 71 | 5     | G0    |                     |
| ✓ 72 | 3     | K0    |                     |
| ✓ 73 | 4     | A2    |                     |
| ✓ 74 | 8     | A3    |                     |
| ✓ 75 | 1     | G5    | Partly super. on 74 |
| ✓ 76 | 2     | A5    |                     |
| ✓ 77 | 3     | M4    |                     |
| ✓ 78 | 10    | A0    |                     |
| ✓ 79 | 7     | G0    |                     |
| ✓ 80 | 4     | A0    |                     |
| ✓ 81 | 5     | G0    |                     |

|        |                                  |         |      |  |
|--------|----------------------------------|---------|------|--|
| 55+19° | 5073 23                          | 7.4+19  | 38.1 | 6.8✓                                   |
| 56+20° | 5293 2 <sup>3</sup> <del>0</del> | 7.5+20  | 5.5  | 8.7✓                                   |
| 57+19° | 5074 23                          | 8.0+19  | 30.1 | 8.9✓                                   |
| 58+20° | 5297 23                          | 9.1+20  | 15.2 | 8.5✓                                   |
| 59+19° | 5075 23                          | 8.0+19  | 15.1 | 9.0✓                                   |
| 60+19° | 5076 23                          | 8.2+19  | 3.2  | 9.4✓                                   |
| 61+18° | 5129 23                          | 8.7+18  | 42.2 | 9.0✓                                   |
| 62+18° | 5128 23                          | 7.4+18  | 28.6 | 8.2✓                                   |
| 63+18° | 5124 23                          | 6.7+18  | 28.1 | 9.3✓                                   |
| 64+17° | 4884 23                          | 8.3+17  | 50.5 | 8.3✓                                   |
| 65+17° | 4887 23                          | 8.9+17  | 27.7 | 7.7✓                                   |
| 66+17° | 4889 23                          | 9.1+17  | 2.9  | 8.0✓                                   |
| 67+17° | 4891 23                          | 10.4+17 | 30.5 | 7.0✓                                   |
| 68+17° | 4892 23                          | 10.7+17 | 54.4 | 8.7✓                                   |
| 69+17° | 4893 23                          | 10.8+17 | 56.0 | 8.7✓                                   |
| 70+18° | 5135 23                          | 11.2+18 | 12.0 | 8.0✓                                   |
| 71+17° | 4896 23                          | 11.6+17 | 51.1 | 8.0✓                                   |
| 72+18° | 5139 23                          | 12.8+18 | 31.0 | 7.9✓                                   |
| 73+19° | 5087 23                          | 12.7+19 | 10.6 | 8.5✓                                   |
| 74+19° | 5089 23                          | 13.4+19 | 2.7  | 7.0✓                                   |
| 75+18° | 5140 23                          | 13.4+18 | 44.6 | 9.0✓                                   |
| 76+19° | 5090 23                          | 14.2+19 | 20.4 | 9.1✓                                   |
| 77+19° | 5091 23                          | 14.7+19 | 50.9 | 7.5✓                                   |
| 78+20° | 5317 23                          | 15.5+20 | 2.0  | 6.3✓                                   |
| 79+19° | 5093 23                          | 15.6+19 | 46.0 | 7.2✓                                   |
| 80+19° | 5097 23                          | 16.6+19 | 16.8 | 8.3+19° 5098 magn. 9.1 sup<br>at south |
| 81+18° | 5141 23                          | 15.0+18 | 37.9 | 8.2✓                                   |



Monday July 6, 1914

238617

| No.   | Qux. | Class          | Remark              |
|-------|------|----------------|---------------------|
| ✓ 82  | 4    | G <sub>0</sub> |                     |
| ✓ 83  | 2    | K <sub>2</sub> |                     |
| ✓ 84  | 3    | G <sub>0</sub> |                     |
| ✓ 85  | 3    | G              | very hazy. cluster? |
| ✓ 86  | 2    | G <sub>5</sub> |                     |
| ✓ 87  | 3    | F <sub>2</sub> |                     |
| ✓ 88  | 3    | K <sub>0</sub> |                     |
| ✓ 89  | 2    | K <sub>0</sub> |                     |
| ✓ 90  | 1    | K <sub>0</sub> |                     |
| ✓ 91  | 7    | K <sub>2</sub> |                     |
| ✓ 92  | 3    | G <sub>0</sub> |                     |
| ✓ 93  | 6    | F <sub>0</sub> |                     |
| ✓ 94  | 7    | K <sub>2</sub> |                     |
| ✓ 95  | 2    | G <sub>0</sub> |                     |
| ✓ 96  | 1    | K <sub>2</sub> |                     |
| ✓ 97  | 3    | G <sub>0</sub> |                     |
| ✓ 98  | 1    | G <sub>0</sub> |                     |
| ✓ 99  | 1    | G <sub>5</sub> |                     |
| ✓ 100 | 1    | F <sub>5</sub> |                     |
| ✓ 101 | 2    | F <sub>2</sub> |                     |
| ✓ 102 | 1    | K <sub>2</sub> |                     |
| ✓ 103 | 2    | G <sub>5</sub> |                     |
| ✓ 104 | 2    | K <sub>2</sub> |                     |
| ✓ 105 | 1    | K <sub>2</sub> |                     |
| ✓ 106 | 3.8  | F <sub>8</sub> |                     |
| ✓ 107 | 1    | K <sub>5</sub> |                     |
| ✓ 108 | 6    | F <sub>2</sub> |                     |
| ✓ 109 | 2    | K <sub>5</sub> |                     |

|                       |                      |                      |      |       |
|-----------------------|----------------------|----------------------|------|-------|
| 82+17°                | 4906 23              | 15.7 +17             | 48.0 | 8.4 ✓ |
| 83+18°                | 5147 23              | 17.1 +18             | 11.2 | 8.0 ✓ |
| 84+18°                | 5145 23              | 16.4 +18             | 39.1 | 8.8 ✓ |
| 85+20°                | 5303 23              | 9.8 +20              | 36.7 | 8.5 ✓ |
| 86+20 <sup>1</sup> °  | 4903 23              | 8.9 +20 <sup>1</sup> | 23.3 | 8.9 ✓ |
| 87+21°                | 4910 23              | 10.8 +21             | 31.5 | 8.8 ✓ |
| 88+22°                | 4801 23              | 11.0 +22             | 0.0  | 8.2 ✓ |
| 89+22°                | 4804 23              | 11.7 +22             | 3.6  | 8.5 ✓ |
| 90+22°                | 4807 23              | 11.9 +22             | 15.8 | 8.4 ✓ |
| 91+22°                | 4808 23              | 13.0 +22             | 17.2 | 6.3 ✓ |
| 92+21°                | 4914 23              | 13.2 +21             | 21.7 | 8.1 ✓ |
| 93+21°                | 4916 23              | 13.6 +21             | 10.0 | 7.6 ✓ |
| 94+20°                | 5312 23              | 13.4 +20             | 24.3 | 6.8 ✓ |
| 95+20°                | 5308 23              | 12.6 +20             | 27.9 | 9.0 ✓ |
| 96+20°                | 5305 23              | 12.0 +20             | 29.0 | 9.5 ✓ |
| 97+19°                | 5082 23              | 10.0 +19             | 11.1 | 8.7 ✓ |
| 98+18°                | 5134 23              | 11.1 +18             | 55.5 | 9.2 ✓ |
| 99+19°                | 5084 23              | 12.0 +19             | 27.6 | 9.2 ✓ |
| 100+19°               | 5086 23              | 12.4 +19             | 21.1 | 9.4 ✓ |
| 101+21°               | 4920 23              | 14.8 +21             | 29.1 | 9.2 ✓ |
| 102+21°               | 4921 23              | 14.8 +21             | 52.1 | 9.0 ✓ |
| 103+20°               | 5279 23 <sup>3</sup> | 1.6 +20              | 49.9 | 9.1 ✓ |
| 104+20°               | 5285 23 <sup>3</sup> | 3.5 +20              | 23.8 | 9.0 ✓ |
| 105+20°               | 5284 23              | 3.4 +20              | 8.8  | 9.4 ✓ |
| 106+20 <sup>1</sup> ° | 4888 23              | 2.7 +20 <sup>1</sup> | 41.6 | 9.0 ✓ |
| 107+21°               | 4893 23              | 4.3 +21              | 5.2  | 9.5 ✓ |
| 108+21°               | 4900 23              | 6.1 +21              | 16.7 | 8.5 ✓ |
| 109+22°               | 4793 23              | 6.2 +22              | 33.1 | 8.0 ✓ |



Monday July 6, 1914

938617

| No.   | Dist. | class | Remarks                      |
|-------|-------|-------|------------------------------|
| ✓ 110 | 1     | K5    |                              |
| ✓ 111 | 3     | A0    |                              |
| ✓ 112 | 1     | A2    |                              |
| ✓ 113 | 2     | K2    |                              |
| ✓ 114 | 4     | K0    |                              |
| ✓ 115 | 5     | F0    |                              |
| ✓ 116 | 4     | B8    | e.                           |
| ✓ 117 | 2     | K5    | e                            |
| ✓ 118 | 2     | F8    |                              |
| ✓ 119 | 3     | K0    |                              |
| ✓ 120 | 2     | F5    |                              |
| ✓ 121 | 5     | K0    |                              |
| ✓ 122 | 2     | A0    |                              |
| ✓ 123 | 6     | K0    |                              |
| ✓ 124 | 4     | G5    |                              |
| ✓ 125 | 2     | K2    |                              |
| ✓ 126 | 3     | A2    | Another star super. at south |
| ✓ 127 | 2     | F2    |                              |
| ✓ 128 | 5     | K0    |                              |
| ✓ 129 | 6     | F5    |                              |
| ✓ 130 | 2     | F5    | e                            |
| ✓ 131 | 2     | F8    |                              |
| ✓ 132 | 2     | A0    |                              |
| ✓ 133 | 1.    | K5    |                              |
| ✓ 134 | 1.0   | F8    |                              |
| ✓ 135 | 1     | K2    |                              |
| ✓ 136 | 1     | K5    |                              |

|          |                                       |                                     |                                  |  |
|----------|---------------------------------------|-------------------------------------|----------------------------------|--|
| 110 +22° | 4794 23                               | 7.1 +22                             | 22.7                             | 8.3 ✓  |
| 111 +23° | 4687 23                               | 3.8 +23                             | 31.9                             | 8.3 ✓  |
| 112 +23° | 4685 23                               | 3.4 +23                             | 37.4                             | 8.8 ✓  |
| 113 +23° | <sup>4701</sup><br><del>4699</del> 23 | <sup>7</sup><br><del>6.6</del> +23  | <sup>21</sup><br><del>16.1</del> | <sup>7.3</sup><br><del>9.3</del> +23° 4700 magn. 9.3 <i>at mouth</i> |
| 114 +23° | 4711 23                               | 8.5 +23                             | 38.6                             | 8.0 ✓  |
| 115 +23° | 4710 23                               | 8.2 +23                             | 5.1                              | 7.5 ✓  |
| 116 +24° | 4733 23                               | 6.9 +24                             | 39.7                             | 8.2 ✓  |
| 117 +24° | 4740 23                               | 9.5 +24                             | 45.1                             | 8.7 ✓  |
| 118 +24° | 4746 23                               | 10.9 +24                            | 5.9                              | 8.5 ✓  |
| 119 +23° | 4720 23                               | 11.4 +23                            | 29.7                             | 8.1 ✓  |
| 120 +24° | 4749 23                               | 11.6 +24                            | 26.3                             | 8.6 ✓  |
| 121 +22° | 4816 23                               | 15.1 +22                            | 45.9                             | 7.5 ✓  |
| 122 +22° | 4822 23                               | 16.6 +22                            | 48.6                             | 8.7 ✓  |
| 123 +22° | 4827 23                               | 17.2 +22                            | 57.5                             | 7.2 ✓  |
| 124 +23° | 4739 23                               | 17.1 +23                            | 12.3                             | 8.5 ✓  |
| 125 +22° | 4829 23                               | 17.6 +22                            | 40.6                             | 7.8 ✓  |
| 126 +22° | 4831 23                               | 17.9 +22                            | 16.2                             | 8.1 +22° 4830 magn. 8.9 <i>at mouth</i>                              |
| 127 +22° | 4832 23                               | 18.0 +22                            | 43.6                             | 8.5 ✓  |
| 128 +20° | 5321 23                               | 16.7 +20                            | 32.5                             | 8.0 ✓  |
| 129 +20° | 5324 23                               | 17.1 +20                            | 36.0                             | 8.0 ✓  |
| 130 +24° | 4731 23                               | 5.6 +24                             | 47.1                             | 8.2 ✓  |
| 131 +15° | 4722 22                               | 46.0 +15                            | 44.7                             | 8.0 ✓  |
| 132 +15° | 4728 22                               | 47.6 +15                            | 31.7                             | 8.5 ✓  |
| 133 +15° | 4733 22                               | <sup>9</sup><br><del>40.6</del> +15 | 48.2                             | 8.5 ✓  |
| 134 +16° | 4847 22                               | 51.7 +16                            | 16.6                             | 8.6 ✓  |
| 135 +16° | 4854 22                               | 55.0 +16                            | 54.3                             | 8.5 ✓  |
| 136 +16° | 4855 22                               | 55.6 +16                            | 11.5                             | 8.8 ✓  |



Monday July 6, 1914

238617

| No.            | Dist. | class          | Remark- |
|----------------|-------|----------------|---------|
| ✓ 137          | 2     | G <sub>0</sub> |         |
| ✓ 138          | 2     | K <sub>5</sub> |         |
| 12.26439       | 3     | G <sub>0</sub> |         |
| <del>140</del> |       |                |         |

~~140~~  
~~141~~  
~~142~~

cont. 137, 136

|          |         |          |      |                              |
|----------|---------|----------|------|------------------------------|
| 137 +16° | 4863 22 | 57.6 +16 | 9.4  | 8.7 ✓                        |
| 138 +16° | 4865 22 | 57.9 +16 | 32.8 | 8.1 +16° 4864 magn. 9.4 sep. |
| 139 +16° | 4874 23 | 1.0 +16  | 2.8  | 8.3 ✓                        |

Ident. on cards by Anne. Feb. 3, 1915

Ident. in Book by M. A. H. Jan. 29, 1915.

Identification compared by G. R. B. Feb. 5, 1915



Monday July 6, 1914

J 38618

| 12.30 | No.  | Qty. | class | Remark.                           |
|-------|------|------|-------|-----------------------------------|
|       | ✓ 1  | 2    | G5    |                                   |
|       | ✓ 2  | 1    | G5    |                                   |
|       | ✓ 3  | 3    | G0    |                                   |
|       | ✓ 4  | 2    | F8    |                                   |
|       | ✓ 5  | 2    | G0    |                                   |
|       | ✓ 6  | 4    | F8    |                                   |
|       | ✓ 7  | 2    | G0    |                                   |
|       | ✓ 8  | 2    | K0    |                                   |
|       | ✓ 9  | 2    | K2    |                                   |
|       | ✓ 10 | 5    | A5    |                                   |
|       | ✓ 11 | 1    | G5    |                                   |
|       | ✓ 12 | 1    | K0    |                                   |
|       | ✓ 13 | 2    | K0    |                                   |
|       | ✓ 14 | 1    | G0    |                                   |
|       | ✓ 15 | 2    | G0    | Another star super. on fol. side. |
|       | ✓ 16 | 1    | K2    |                                   |
|       | ✓ 17 | 7    | F0    |                                   |
|       | ✓ 18 | 2    | G5    |                                   |
|       | ✓ 19 | 3    | F8    |                                   |
|       | ✓ 20 | 5    | A2    |                                   |
|       | ✓ 21 | 1    | K2    |                                   |
|       | ✓ 22 | 2    | G5    |                                   |
|       | ✓ 23 | 2    | G5    |                                   |
|       | ✓ 24 | 4    | F8    |                                   |
|       | ✓ 25 | 4    | A3    |                                   |
|       | ✓ 26 | 2    | K2    |                                   |
|       | ✓ 27 | 1    | K2    |                                   |

|        |        |          |      |   |
|--------|--------|----------|------|---|
| 1 +16  | 487423 | 10 +16   | 28   | 83 ✓  |
| 2 +16  | 488423 | 38 +16   | 1.7  | 8.8 +16 4883 Mag 8.9 Super.<br>at north     |
| 3 +15  | 478423 | 7.1 +15  | 33.6 | 8.5 ✓                                       |
| 4 +15  | 478723 | 7.6 +15  | 35.4 | 8.5 ✓                                       |
| 5 +14  | 494923 | 6.4 +14  | 33.5 | 9.0 ✓                                       |
| 6 +14  | 495223 | 6.6 +14  | 35.1 | 7.4 ✓                                       |
| 7 +16  | 489623 | 10.3 +16 | 4.2  | 8.0 ✓                                       |
| 8 +15  | 479423 | 10.3 +15 | 54.8 | 8.0 ✓                                       |
| 9 +15  | 479623 | 10.5 +15 | 45.5 | 8.0 ✓                                       |
| 10 +16 | 490023 | 11.1 +16 | 11.8 | 7.8 ✓                                       |
| 11 +16 | 489023 | 9.2 +16  | 44.8 | 8.8 ✓                                       |
| 12 +16 | 489523 | 10.0 +16 | 40.0 | 8.5 ✓                                       |
| 13 +16 | 490123 | 11.1 +16 | 55.3 | 8.3 ✓                                       |
| 14 +16 | 489823 | 10.8 +16 | 25.9 | 8.3 ✓                                       |
| 15 +16 | 490623 | 12.6 +16 | 52.5 | 8.5 +16 4907 Mag 9.0 Super.<br>u. file      |
| 16 +16 | 490423 | 11.7 +16 | 12.4 | 8.5 ✓                                       |
| 17 +16 | 491223 | 13.7 +16 | 27.6 | 7.0 ✓                                       |
| 18 +15 | 480923 | 13.6 +15 | 55.7 | 8.3 +15 4808 Magn. 7.5 Super.<br>at n. pole |
| 19 +14 | 496723 | 10.9 +14 | 48.9 | 8.2 ✓                                       |
| 20 +14 | 497423 | 13.5 +14 | 16.0 | 7.5 ✓                                       |
| 21 +13 | 509623 | 13.7 +13 | 31.3 | 8.5 ✓                                       |
| 22 +14 | 497923 | 15.5 +14 | 35.5 | 8.5 ✓                                       |
| 23 +15 | 481523 | 15.8 +15 | 16.0 | 8.5 ✓                                       |
| 24 +13 | 510523 | 17.1 +13 | 41.0 | 8.0 ✓                                       |
| 25 +14 | 499023 | 18.1 +14 | 53.9 | 8.0 +14 4988 Mag. 9.3 Super.<br>at north    |
| 26 +16 | 492623 | 18.2 +16 | 51.4 | 8.2 ✓                                       |
| 27 +16 | 492823 | 19.2 +16 | 42.8 | 7.8 ✓                                       |



Monday July 6, 1914

238618

| No.  | Sec. | class | Remark              |
|------|------|-------|---------------------|
| ✓ 28 | 6    | Fo    |                     |
| ✓ 29 | 3    | F8    |                     |
| ✓ 30 | 7    | Fo    |                     |
| ✓ 31 | 5    | A3    |                     |
| ✓ 32 | 6    | F2    |                     |
| ✓ 33 | 6    | G0    |                     |
| ✓ 34 | 7    | A2    |                     |
| ✓ 35 | 3    | G0    |                     |
| ✓ 36 | 2    | G0    | Partly super. on 35 |
| ✓ 37 | 1    | K2    |                     |
| ✓ 38 | 5    | G5    |                     |
| ✓ 39 | 5    | F8    |                     |
| ✓ 40 | 1    | K0    | (the fol. of two)   |
| ✓ 41 | 3    | K2    |                     |
| ✓ 42 | 3    | A0    |                     |
| ✓ 43 | 2    | K0    |                     |
| ✓ 44 | 6    | A3    |                     |
| ✓ 45 | 1    | G5    |                     |
| ✓ 46 | 1    | K0    |                     |
| ✓ 47 | 1    | K0    |                     |
| ✓ 48 | 1    | K2    |                     |
| ✓ 49 | 2    | F8    |                     |
| ✓ 50 | 2    | G0    |                     |
| ✓ 51 | 2    | G0    |                     |
| ✓ 52 | 2    | G5    |                     |
| ✓ 53 | 2    | K0    |                     |
| ✓ 54 | 10   | A0    |                     |

|        |         |          |      |                              |
|--------|---------|----------|------|------------------------------|
| 28 +17 | 4917 23 | 21.0 +17 | 438  | 7.8 ✓                        |
| 29 +18 | 5753 23 | 20.0 +18 | 250  | 8.3 ✓                        |
| 30 +19 | 5113 23 | 21.2 +19 | 5.9  | 6.5 ✓                        |
| 31 +17 | 4931 23 | 23.8 +17 | 58.9 | 7.3 ✓                        |
| 32 +16 | 4944 23 | 25.1 +16 | 36.9 | 7.2 ✓                        |
| 33 +17 | 4938 23 | 26.3 +17 | 1.3  | 6.7 ✓                        |
| 34 +15 | 4830 23 | 21.8 +15 | 13.1 | 7.0 ✓                        |
| 35 +15 | 4827 23 | 20.3 +15 | 49.9 | 8.2 ✓                        |
| 36 +15 | 4826 23 | 20.3 +15 | 49.6 | 9.0 ✓                        |
| 37 +16 | 4932 23 | 22.1 +16 | 2.0  | 8.3 ✓                        |
| 38 +15 | 4833 23 | 23.3 +15 | 45.6 | 7.3 ✓                        |
| 39 +15 | 4837 23 | 24.1 +15 | 24.9 | 7.8 ✓                        |
| 40 +15 | 4841 23 | 24.8 +15 | 48.9 | 8.6 +15° 4840 Mag 9.5 super. |
| 41 +15 | 4850 23 | 27.8 +15 | 40.7 | 8.0 ✓                        |
| 42 +15 | 4851 23 | 27.9 +15 | 37.8 | 8.7 ✓                        |
| 43 +14 | 5014 23 | 28.7 +14 | 53.7 | 8.5 ✓                        |
| 44 +13 | 5140 23 | 28.3 +13 | 48.1 | 7.6 ✓                        |
| 45 +12 | 4986 23 | 19.7 +12 | 18.7 | 8.5 ✓                        |
| 46 +12 | 4989 23 | 20.8 +12 | 38.1 | 8.5 ✓                        |
| 47 +12 | 4992 23 | 21.4 +12 | 50.6 | 8.8 ✓                        |
| 48 +13 | 5120 23 | 22.5 +13 | 5.8  | 8.7 ✓                        |
| 49 +13 | 5129 23 | 24.4 +13 | 32.2 | 8.7 ✓                        |
| 50 +13 | 5138 23 | 27.7 +13 | 38.7 | 8.5 ✓                        |
| 51 +14 | 5015 23 | 28.9 +14 | 6.6  | 8.8 ✓                        |
| 52 +13 | 5144 23 | 29.8 +13 | 38.7 | 8.3 ✓                        |
| 53 +13 | 5145 23 | 29.8 +13 | 58.1 | 8.2 ✓                        |
| 54 +16 | 4954 23 | 30.3 +16 | 1.6  | 6.4 ✓                        |



Monday July 6, 1914

238618

|       | No.  | Dist | class | Remarks |
|-------|------|------|-------|---------|
|       | ✓ 55 | 4    | Ko    |         |
| 12.43 | ✓ 56 | 2    | gs    |         |

|                        |                     |                                     |                  |                         |                       |
|------------------------|---------------------|-------------------------------------|------------------|-------------------------|-----------------------|
| $55 + \overset{7}{14}$ | $4946$<br>$4952$ 23 | $28.7$<br>$6.6$ + $\overset{7}{14}$ | $37.7$<br>$35.1$ | $80.1$<br>$77.1$ + $17$ | $4945$ Mag 8.9 Super. |
| $56 + 15$              | $4813$ 23           | $14.6 + 15$                         | $50.9$           | $77.1$ + $17$           | $4947$ Mag 9.5 Super. |

Ident. on cards by A.M.C. Feb. 10, 1915

Ident. in Book by V.F.B. Feb. 9, 1915

Identification compared by G.R.B. Feb. 12, 1915



Wednesday July 8, 1914

B 23239 phos

| 12.15 | No. | Dist. | class          | Remark                        |
|-------|-----|-------|----------------|-------------------------------|
| ✓     | 1   | 6     | G <sub>0</sub> | E                             |
| ✓     | 2   | 2     | K <sub>5</sub> | E                             |
| ✓     | 3   | 2     | A <sub>0</sub> | E                             |
| ✓     | 4   | 4     | A <sub>0</sub> | E                             |
| ✓     | 5   | 3     | A <sub>3</sub> | E                             |
| ✓     | 6   | 3     | mb             |                               |
| ✓     | 7   | 3     | F <sub>2</sub> |                               |
| ✓     | 8   | 4     | F <sub>5</sub> |                               |
| ✓     | 9   | 1     | K <sub>2</sub> |                               |
| ✓     | 10  | 5     | A <sub>2</sub> |                               |
| ✓     | 11  | 3     | K <sub>0</sub> | E                             |
| ✓     | 12  | 3     | F <sub>5</sub> |                               |
| ✓     | 13  | 3     | A <sub>2</sub> |                               |
| ✓     | 14  | 3     | A <sub>2</sub> |                               |
| ✓     | 15  | 7     | K <sub>0</sub> |                               |
| ✓     | 16  | 6     | F <sub>8</sub> |                               |
| ✓     | 17  | 4     | A <sub>5</sub> |                               |
| ✓     | 18  | 8     | A <sub>0</sub> | Another star super. at north- |
| ✓     | 19  | 4     | A <sub>3</sub> |                               |
| ✓     | 20  | 5     | A <sub>2</sub> |                               |
| ✓     | 21  | 3     | F <sub>0</sub> |                               |
| ✓     | 22  | 7     | F <sub>8</sub> |                               |
| ✓     | 23  | 3     | K <sub>2</sub> |                               |
| ✓     | 24  | 6     | F <sub>5</sub> |                               |
| ✓     | 25  | 3     | F <sub>8</sub> |                               |
| ✓     | 26  | 1     | K <sub>5</sub> |                               |
| ✓     | 27  | 2     | F <sub>8</sub> |                               |

|    |           |                     |      |     |    |     |   |
|----|-----------|---------------------|------|-----|----|-----|---|
| 1  | +12° 3767 | <sup>18</sup><br>17 | 54.6 | +12 | 25 | 8.1 | ✓   |
| 2  | +12° 3769 | 18                  | 54.9 | +12 | 25 | 8.5 | ✓   |
| 3  | +12° 3774 | 18                  | 55.7 | +12 | 21 | 9.0 | ✓   |
| 4  | +12° 3779 | 18                  | 56.3 | +12 | 25 | 9.0 | ✓   |
| 5  | +12° 3781 | 18                  | 56.4 | +12 | 28 | 8.8 | ✓   |
| 6  | +12° 3780 | 18                  | 56.4 | +12 | 3  | 8.7 | ✓   |
| 7  | +11° 3711 | 18                  | 56.7 | +11 | 35 | 9.2 | ✓   |
| 8  | +12° 3789 | 18                  | 57.5 | +12 | 12 | 9.1 | ✓   |
| 9  | +12° 3786 | 18                  | 57.4 | +12 | 9  | 9.3 | ✓   |
| 10 | +12° 3787 | 18                  | 57.5 | +12 | 33 | 8.8 | ✓   |
| 11 | +12° 3788 | 18                  | 57.5 | +12 | 42 | 8.6 | ✓   |
| 12 | +11° 3719 | 18                  | 57.8 | +11 | 60 | 9.3 | ✓   |
| 13 | +12° 3797 | 18                  | 58.5 | +12 | 0  | 9.3 | ✓   |
| 14 | +11° 3725 | 18                  | 58.6 | +11 | 57 | 9.2 | ✓   |
| 15 | +11° 3722 | 18                  | 59.0 | +11 | 60 | 8.0 | ✓   |
| 16 | +11° 3739 | 19                  | 0.3  | +11 | 23 | 8.7 | ✓   |
| 17 | +11° 3738 | 19                  | 0.2  | +11 | 13 | 9.1 | ✓   |
| 17 | +11° 3743 | 19                  | 0.7  | +11 | 26 | 9.0 | ✓   |
| 18 | +11° 3741 | 19                  | 0.6  | +11 | 24 | 8.8 | +11° 3742 19 0.6 +11 30 9.4 <sup>5/12</sup> |
| 19 | +11° 3742 | 19                  | 0.7  | +11 | 26 | 9.8 | ✓   |
| 20 | +11° 3744 | 19                  | 1.4  | +11 | 21 | 9.4 | ✓   |
| 21 | +11° 3745 | 19                  | 1.4  | +11 | 16 | 9.5 | ✓   |
| 22 | +11° 3756 | 19                  | 3.0  | +11 | 59 | 8.5 | ✓   |
| 23 | +12° 3832 | 19                  | 3.3  | +12 | 14 | 8.9 | ✓   |
| 24 | +12° 3834 | 19                  | 3.7  | +12 | 6  | 8.6 | ✓   |
| 25 | +11° 3758 | 19                  | 3.7  | +11 | 56 | 9.2 | ✓   |
| 26 | +11° 3757 | 19                  | 3.6  | +11 | 42 | 9.5 | ✓   |
| 27 | +11° 3759 | 19                  | 4.3  | +11 | 43 | 9.5 | ✓   |

super.



Wednesday July 8, 1914

B23 239 stars

| No.        | Dist. | Class | Remark. |
|------------|-------|-------|---------|
| ✓ 28       | 2     | K2    |         |
| ✓ 29       | 4     | G5    |         |
| ✓ 30       | 3     | A0    |         |
| ✓ 31       | 2     | A0    |         |
| ✓ 32       | 2     | F0    |         |
| ✓ 33       | 7     | F0    |         |
| ✓ 34       | 6     | B9    |         |
| ✓ 35       | 5     | B9    |         |
| ✓ 36       | 8     | F0    |         |
| ✓ 37       | 1     | K2    |         |
| ✓ 38       | 2     | A0    |         |
| ✓ 39       | 2     | A2    |         |
| ✓ 40       | 2     | K0    |         |
| ✓ 41       | 1     | F2    |         |
| ✓ 42       | 2     | A0    |         |
| ✓ 43       | 1     | K5    |         |
| ✓ 44       | 2     | K0    |         |
| ✓ 45       | 5     | A0    |         |
| ✓ 46       | 3     | A0    |         |
| ✓ 47       | 5     | G0    |         |
| ✓ 48       | 3     | A2    |         |
| ✓ 49       | 6     | A3    |         |
| ✓ 50       | 4     | F8    |         |
| ✓ 51       | 4     | G0    |         |
| ✓ 52       | 5     | G5    |         |
| ✓ 53       | 4     | F8    |         |
| 12.23 ✓ 54 | 5     | G0    |         |

|    |                   |    |     |     |    |     |   |
|----|-------------------|----|-----|-----|----|-----|---|
| 28 | +11° 3762         | 19 | 4.6 | +11 | 43 | 9.3 | ✓ |
| 29 | +11° 3761         | 19 | 4.6 | +11 | 18 | 8.8 | ✓ |
| 30 | +11° 3754         | 19 | 2.8 | +11 | 12 | 9.3 | ✓ |
| 31 | +11° 3755         | 19 | 2.9 | +11 | 7  | 9.5 | ✓ |
| 32 | +10° 3805         | 19 | 3.0 | +10 | 60 | 9.5 | ✓ |
| 33 | +10° 3802         | 19 | 2.5 | +10 | 57 | 8.5 | ✓ |
| 34 | +10° 3804         | 19 | 2.8 | +10 | 50 | 8.9 | ✓ |
| 35 | +10° 3807         | 19 | 3.2 | +10 | 40 | 9.0 | ✓ |
| 36 | +10° 3808         | 19 | 3.4 | +10 | 40 | 8.5 | ✓ |
| 37 | +10° 3809         | 19 | 3.6 | +10 | 59 | 9.3 | ✓ |
| 38 | +10° 3812         | 19 | 3.8 | +10 | 60 | 9.5 | ✓ |
| 39 | +10° 3811         | 19 | 3.8 | +10 | 52 | 9.5 | ✓ |
| 40 | +10° 3810         | 19 | 3.7 | +10 | 40 | 9.5 | ✓ |
| 41 | Approx. 1855 pos. | 19 | 3.6 | +10 | 39 |     |   |
| 42 | Approx. 1855 pos. | 19 | 3.9 | +10 | 41 |     |   |
| 43 | +10° 3814         | 19 | 4.0 | +10 | 31 | 9.5 | ✓ |
| 44 | +10° 3806         | 19 | 3.2 | +10 | 2  | 9.5 | ✓ |
| 45 | +9° 4001          | 19 | 2.9 | +9  | 49 | 9.2 | ✓ |
| 46 | +9° 4006          | 19 | 4.0 | +9  | 48 | 9.5 | ✓ |
| 47 | +9° 4007          | 19 | 4.2 | +9  | 35 | 9.0 | ✓ |
| 48 | +9° 4005          | 19 | 3.8 | +9  | 22 | 9.5 | ✓ |
| 49 | +9° 4009          | 19 | 4.2 | +9  | 24 | 9.5 | ✓ |
| 50 | +9° 4010          | 19 | 4.5 | +9  | 19 | 9.3 | ✓ |
| 51 | +9° 4014          | 19 | 5.6 | +9  | 24 | 9.3 | ✓ |
| 52 | +9° 4015          | 19 | 5.9 | +9  | 17 | 9.0 | ✓ |
| 53 | +9° 4016          | 19 | 6.0 | +9  | 18 | 9.5 | ✓ |
| 54 | +9° 4021          | 19 | 6.2 | +9  | 19 | 9.1 | ✓ |



Thursday July 9, 1914  
B 23239 short

| 9:30 | No.  | Int. | class           | Remark |
|------|------|------|-----------------|--------|
|      | ✓ 55 | 4    | Ly <sub>0</sub> |        |
|      | ✓ 56 | 3    | Ly <sub>0</sub> |        |
|      | ✓ 57 | 2    | Fr              |        |
|      | ✓ 58 | 3    | A <sub>2</sub>  |        |
|      | ✓ 59 | 3    | A <sub>2</sub>  |        |
|      | ✓ 60 | 2    | Ly <sub>0</sub> |        |
|      | ✓ 61 | 2    | Fr              |        |
|      | ✓ 62 | 2    | A <sub>2</sub>  |        |
|      | ✓ 63 | 2    | Ly <sub>0</sub> |        |
|      | ✓ 64 | 2    | Ly <sub>0</sub> |        |
|      | ✓ 65 | 1    | A <sub>0</sub>  |        |
|      | ✓ 66 | 4    | A <sub>0</sub>  |        |
|      | ✓ 67 | 1    | A <sub>0</sub>  |        |
|      | ✓ 68 | 2    | A <sub>0</sub>  |        |
|      | ✓ 69 | 5    | Fr              |        |
|      | ✓ 70 | 6    | A <sub>2</sub>  |        |
|      | ✓ 71 | 7    | Fr              |        |
|      | ✓ 72 | 3    | A <sub>2</sub>  |        |
|      | ✓ 73 | 6    | F <sub>0</sub>  |        |
|      | ✓ 74 | 2    | A <sub>0</sub>  |        |
|      | ✓ 75 | 4    | A <sub>0</sub>  |        |
|      | ✓ 76 | 4    | A <sub>0</sub>  |        |
|      | ✓ 77 | 3    | Ly <sub>0</sub> |        |
|      | ✓ 78 | 3    | Ly <sub>0</sub> |        |
|      | ✓ 79 | 2    | A <sub>0</sub>  |        |
|      | ✓ 80 | 2    | Ly <sub>0</sub> |        |
|      | ✓ 81 | 2    | A <sub>2</sub>  |        |

|    |                   |    |          |    |     |            |
|----|-------------------|----|----------|----|-----|------------|
| 55 | +9° 4018          | 19 | 6.0 +9   | 2  | 9.0 | ✓          |
| 56 | +9° 4026          | 19 | 6.7 +9   | 27 | 9.5 | ✓          |
| 57 | +9° 4023          | 19 | 6.4 +9   | 41 | 9.5 | ✓          |
| 58 | +9° 4020          | 19 | 6.1 +9   | 32 | 9.4 | ✓          |
| 59 | +9° 3831          | 19 | 6.6 +10  | 2  | 9.5 | ✓          |
| 60 | +9° 4022          | 19 | 6.4 +9   | 55 | 9.5 | ✓          |
| 61 | +9° 4019          | 19 | 6.1 +9   | 48 | 9.5 | ✓          |
| 62 | Approx. 1855 pos. | 19 | 6.2 +9   | 44 |     |            |
| 63 | Approx. 1855 pos. | 19 | 5.7 +9   | 49 |     |            |
| 64 | +9° 4016          | 19 | 6.0 +9   | 55 | 9.5 | ✓          |
| 65 | Approx. 1855 pos. | 19 | 6.0 +9   | 44 |     |            |
| 66 | +9° 3828          | 19 | 6.0 +10  | 13 | 9.5 | ✓          |
| 67 | Approx. 1855      | 19 | 6.7 +10  | 21 |     |            |
| 68 | +10° 3832         | 19 | 6.7 +10  | 21 | 9.5 | ✓ "a.g.c." |
| 69 | +10° 3833         | 19 | 6.9 +10  | 44 | 9.3 | ✓          |
| 70 | +10° 3837         | 19 | 7.6 +10  | 49 | 9.0 | ✓          |
| 71 | +10° 3840         | 19 | 8.3 +10  | 19 | 9.2 | ✓          |
| 72 | +10° 3841         | 19 | 8.6 +10  | 15 | 9.5 | ✓          |
| 73 | +10° 3844         | 19 | 9.2 +10  | 22 | 9.2 | ✓          |
| 74 | +10° 3845         | 19 | 9.3 +10  | 23 | 9.5 | ✓          |
| 75 | +10° 3846         | 19 | 9.3 +10  | 40 | 9.4 | ✓          |
| 76 | +10° 3850         | 19 | 9.9 +10  | 14 | 9.3 | ✓          |
| 77 | +10° 3851         | 19 | 10.4 +10 | 42 | 9.5 | ✓          |
| 78 | +10° 3852         | 19 | 10.7 +10 | 38 | 9.4 | ✓          |
| 79 | +10° 3856         | 19 | 11.0 +10 | 42 | 9.5 | ✓          |
| 80 | +9° 4053          | 19 | 10.9 +9  | 39 | 9.2 | ✓          |
| 81 | Approx. 1855 pos. | 19 | 11.0 +9  | 42 |     |            |

either on both - 10.3832  
only one in cat.



Thursday July 9, 1914  
B23237 short

| No.   | Int. | Class          | Remark           |
|-------|------|----------------|------------------|
| ✓ 82  | 3    | A <sub>0</sub> |                  |
| ✓ 83  | 2    | K <sub>0</sub> |                  |
| ✓ 84  | 2    | K <sub>2</sub> |                  |
| ✓ 85  | 2    | L <sub>0</sub> |                  |
| ✓ 86  | 3    | K <sub>2</sub> |                  |
| ✓ 87  | 3    | K <sub>5</sub> |                  |
| ✓ 88  | 4    | A <sub>2</sub> |                  |
| ✓ 89  | 3    | L <sub>0</sub> |                  |
| ✓ 90  | 3    | F <sub>8</sub> |                  |
| ✓ 91  | 3    | L <sub>5</sub> |                  |
| ✓ 92  | 4    | L <sub>5</sub> |                  |
| ✓ 93  | 4    | K <sub>0</sub> |                  |
| ✓ 94  | 4    | K <sub>0</sub> |                  |
| ✓ 95  | 2    | F <sub>8</sub> |                  |
| ✓ 96  | 4    | L <sub>5</sub> |                  |
| ✓ 97  | 2    | L <sub>0</sub> | Preceding of two |
| ✓ 98  | 3    | A <sub>0</sub> |                  |
| ✓ 99  | 2    | F <sub>8</sub> |                  |
| ✓ 100 | 4    | L <sub>5</sub> |                  |
| ✓ 101 | 2    | M <sub>a</sub> |                  |
| ✓ 102 | 1    | L <sub>5</sub> |                  |
| ✓ 103 | 3    | L <sub>5</sub> |                  |
| ✓ 104 | 9    | A              |                  |
| ✓ 105 | 3    | A <sub>0</sub> |                  |
| ✓ 106 | 2    | F <sub>0</sub> |                  |
| ✓ 107 | 5    | F <sub>0</sub> |                  |
| ✓ 108 | 2    | F <sub>8</sub> |                  |

|     |                             |    |          |    |     |   |
|-----|-----------------------------|----|----------|----|-----|---|
| 82  | +9° 4054                    | 19 | 11.5 +9  | 39 | 9.5 | ✓ |
| 83  | +9° 4055                    | 19 | 11.5 +9  | 24 | 9.5 | ✓ |
| 84  | +9° 4056                    | 19 | 11.6 +9  | 21 | 9.3 | ✓ |
| 85  | <del>Alphax 1855</del> pod. | 19 | 11.8 +9  | 25 |     |   |
| 86  | +9° 4060                    | 19 | 12.3 +9  | 32 | 9.0 | ✓ |
| 87  | +9° 4061                    | 19 | 12.6 +9  | 52 | 8.9 | ✓ |
| 88  | +9° 4062                    | 19 | 12.5 +9  | 39 | 9.3 | ✓ |
| 89  | +10° 3862                   | 19 | 12.8 +10 | 18 | 9.5 | ✓ |
| 90  | +10° 3860                   | 19 | 12.5 +10 | 26 | 9.2 | ✓ |
| 91  | +10° 3861                   | 19 | 12.8 +10 | 31 | 9.2 | ✓ |
| 92  | +10° 3865                   | 19 | 13.1 +10 | 25 | 9.0 | ✓ |
| 93  | +10° 3867                   | 19 | 14.0 +10 | 38 | 8.7 | ✓ |
| 94  | +10° 3869                   | 19 | 14.7 +10 | 34 | 8.9 | ✓ |
| 95  | +9° 4078                    | 19 | 14.5 +9  | 57 | 9.5 | ✓ |
| 96  | +9° 4074                    | 19 | 14.2 +9  | 46 | 9.2 | ✓ |
| 97  | +9° 4076                    | 19 | 14.2 +9  | 43 | 9.2 | ✓ |
| 98  | +9° 4079                    | 19 | 15.3 +9  | 58 | 9.5 | ✓ |
| 99  | <del>Alphax 1855</del> pod. | 19 | 15.7 +9  | 41 |     |   |
| 100 | +9° 4084                    | 19 | 16.2 +9  | 44 | 9.4 | ✓ |
| 101 | +9° 4088                    | 19 | 16.9 +9  | 30 | 9.2 | ✓ |
| 102 | +9° 4089                    | 19 | 17.2 +9  | 40 | 9.5 | ✓ |
| 103 | +9° 4090                    | 19 | 17.3 +9  | 48 | 9.5 | ✓ |
| 104 | +9° 4085                    | 19 | 16.1 +9  | 14 | 8.3 | ✓ |
| 105 | +9° 4083                    | 19 | 16.2 +9  | 1  | 9.3 | ✓ |
| 106 | +8° 4070                    | 19 | 16.4 +8  | 54 | 9.3 | ✓ |
| 107 | +8° 4069                    | 19 | 16.2 +8  | 42 | 9.3 | ✓ |
| 108 | <del>Alphax 1855</del> pod. | 19 | 16.1 +8  | 30 |     |   |



Thursday July 9, 1914  
B 23239 short

| No.                | Int. | Class          | Remark                                 |
|--------------------|------|----------------|--|
| ✓ 109.             | 3    | F <sub>5</sub> |  |
| ✓ 109 <sup>a</sup> | 4    | A <sub>0</sub> |  |
| ✓ 110.             | 4    | A <sub>5</sub> | Another star <del>is</del> partly sup. |
| ✓ 111              | 3    | A <sub>5</sub> |  |
| ✓ 112              | 3    | F <sub>8</sub> |  |
| ✓ 113              | 2    | A <sub>0</sub> |  |
| ✓ 114              | 2    | A <sub>0</sub> |  |
| ✓ 115              | 3    | A <sub>5</sub> |  |
| ✓ 116              | 5    | F <sub>5</sub> |  |
| ✓ 117              | 4    | F <sub>5</sub> |  |
| ✓ 118              | 4    | A <sub>3</sub> |  |
| ✓ 119              | 2    | A <sub>0</sub> |  |
| ✓ 120              | 2    | B <sub>9</sub> |  |
| ✓ 121              | 1    | K <sub>2</sub> |  |
| ✓ 122              | 2    | F <sub>5</sub> |  |
| ✓ 123              | 1    | K <sub>0</sub> |  |
| ✓ 124              | 1    | K <sub>2</sub> |  |
| ✓ 125              | 1    | K <sub>0</sub> |  |
| ✓ 126              | 3    | F <sub>0</sub> |  |
| ✓ 127              | 1    | A <sub>0</sub> |  |
| ✓ 128              | 1    | K <sub>0</sub> |  |
| ✓ 129              | 2    | A <sub>0</sub> |  |
| ✓ 130              | 1    | F <sub>8</sub> |  |
| ✓ 131              | 3    | F <sub>5</sub> |  |
| ✓ 132              | 1    | F <sub>5</sub> |  |
| ✓ 133              | 1    | A              | Partly sup. on 132                     |
| ✓ 134              | 4    | F <sub>5</sub> |  |
| ✓ 135              | 3    | K <sub>0</sub> |  |

|      |                   |    |         |    |     |                                   |
|------|-------------------|----|---------|----|-----|-----------------------------------|
| 109  | +8° 4075          | 19 | 17.0 +8 | 55 | 9.5 |                                   |
| 109a | Approx. 1855 pos. | 19 | 17.0 +8 | 35 |     | ✓                                 |
| 110  | +8° 4077          | 19 | 17.2 +8 | 48 | 9.3 | +8° 4076 19 17.2 +8 45 9.2 super. |
| 111  | +8° 4083          | 19 | 17.7 +8 | 55 | 9.5 | ✓                                 |
| 112  | +8° 4080          | 19 | 17.3 +8 | 30 | 9.5 | ✓                                 |
| 113  | +8° 4082          | 19 | 17.5 +8 | 32 | 9.5 | ✓                                 |
| 114  | Approx. 1855 pos. | 19 | 17.5 +8 | 23 |     | ✓                                 |
| 115  | +8° 4078          | 19 | 17.2 +8 | 13 | 9.4 | ✓                                 |
| 116  | +8° 4073          | 19 | 16.8 +8 | 2  | 9.0 | ✓                                 |
| 117  | +7° 4057          | 19 | 17.3 +7 | 39 | 9.4 | ✓                                 |
| 117  | +7° 4058          | 19 | 17.3 +7 | 26 | 8.7 | ✓                                 |
| 118  | +7° 4060          | 19 | 17.4 +7 | 37 | 9.5 | ✓                                 |
| 119  | Approx. 1855 pos. | 19 | 16.6 +7 | 20 |     |                                   |
| 120  | +7° 4050          | 19 | 16.0 +7 | 44 | 9.5 | ✓                                 |
| 121  | +7° 4051          | 19 | 16.2 +7 | 42 | 9.5 | ✓                                 |
| 122  | +7° 4054          | 19 | 16.4 +7 | 54 | 9.3 | ✓                                 |
| 123  | +8° 4068          | 19 | 16.1 +8 | 2  | 9.5 | ✓                                 |
| 124  | Approx. 1855 pos. | 19 | 16.6 +8 | 15 |     |                                   |
| 125  | +8° 4062          | 19 | 15.7 +8 | 19 | 9.3 | ✓                                 |
| 126  | +8° 4064          | 19 | 15.8 +8 | 5  | 9.2 | ✓                                 |
| 127  | Approx. 1855 pos. | 19 | 15.6 +8 | 55 |     |                                   |
| 128  | +7° 4042          | 19 | 15.2 +7 | 60 | 9.3 | ✓                                 |
| 129  | +7° 4041          | 19 | 15.0 +7 | 50 | 9.5 | ✓                                 |
| 130  | +7° 4039          | 19 | 14.7 +7 | 42 | 9.5 | ✓                                 |
| 131  | Approx. 1855 pos. | 19 | 14.5 +7 | 25 |     |                                   |
| 132  | +7° 4037          | 19 | 14.4 +7 | 28 | 9.5 | ✓                                 |
| 133  | Approx. 1855 pos. | 19 | 14.5 +7 | 34 |     |                                   |
| 134  | +8° 4058          | 19 | 14.8 +8 | 13 | 9.3 | ✓                                 |
| 135  | +8° 4057          | 19 | 14.8 +8 | 26 | 9.2 | ✓                                 |



Thursday July 9, 1914  
B 23239 short

| No.   | Int. | class | Remark                     |
|-------|------|-------|----------------------------|
| ✓ 136 | 1    | Ko    |                            |
| ✓ 137 | 1    | Ks    |                            |
| ✓ 138 | 3    | Bg    |                            |
| ✓ 139 | 1    | Fs    |                            |
| ✓ 140 | 2    | Fo    |                            |
| ✓ 141 | 4    | Fg    |                            |
| ✓ 142 | 3    | Fo    |                            |
| ✓ 143 | 2    | ao    |                            |
| ✓ 144 | 2    | go    |                            |
| ✓ 145 | 1    | Fg    |                            |
| ✓ 146 | 1    | Ma    |                            |
| ✓ 147 | 8    | ao    |                            |
| ✓ 148 | 3    | Ko    | Partly sup. on 147         |
| ✓ 149 | 1    | Ko    |                            |
| ✓ 150 | 1    | Ko    |                            |
| ✓ 151 | 4    | ao    |                            |
| ✓ 152 | 5    | Bg    |                            |
| ✓ 153 | 7    | Ko    |                            |
| ✓ 154 | 3    | ao    | Partly sup. on 153         |
| ✓ 155 | 4    | Fo    |                            |
| ✓ 156 | 5    | ao    |                            |
| ✓ 157 | 3    | Ko    |                            |
| ✓ 158 | 2    | Bg    |                            |
| ✓ 159 | 1    | Ks    |                            |
| ✓ 160 | 2    | ao    |                            |
| ✓ 161 | 4    | ao    | another star sup. at north |
| ✓ 162 | 2    | as    |                            |

Either or both  
may be +7 4035  
only one in  
conical



Thursday July 9, 1914  
B 23239 short

| No.   | int. | class          | Remark             |
|-------|------|----------------|--------------------|
| ✓ 163 | 2    | K <sub>0</sub> |                    |
| ✓ 164 | 2    | F <sub>0</sub> |                    |
| ✓ 165 | 4    | A <sub>2</sub> |                    |
| ✓ 166 | 2    | K <sub>2</sub> |                    |
| ✓ 167 | 3    | F <sub>0</sub> |                    |
| ✓ 168 | 2    | K <sub>5</sub> |                    |
| ✓ 169 | 3    | K <sub>0</sub> |                    |
| ✓ 170 | 3    | A <sub>0</sub> |                    |
| ✓ 171 | 2    | K <sub>0</sub> |                    |
| ✓ 172 | 1    | F <sub>8</sub> |                    |
| ✓ 173 | 2    | A <sub>0</sub> |                    |
| ✓ 174 | 2    | g <sub>5</sub> | Partly sup. on 173 |
| ✓ 175 | 3    | F <sub>0</sub> |                    |
| ✓ 176 | 3    | K <sub>0</sub> |                    |
| ✓ 177 | 4    | K <sub>0</sub> |                    |
| ✓ 178 | 2    | g <sub>0</sub> |                    |
| ✓ 179 | 2    | A <sub>2</sub> |                    |
| ✓ 180 | 2    | K <sub>2</sub> |                    |
| ✓ 181 | 3    | B <sub>9</sub> |                    |
| ✓ 182 | 2    | g <sub>0</sub> |                    |
| ✓ 183 | 3    | F <sub>8</sub> |                    |
| ✓ 184 | 3    | g <sub>0</sub> |                    |
| ✓ 185 | 2    | K <sub>0</sub> |                    |
| ✓ 186 | 2    | K <sub>0</sub> | partly sup. on 187 |
| ✓ 187 | 3    | A <sub>0</sub> |                    |
| ✓ 188 | 5    | B <sub>8</sub> |                    |
| ✓ 189 | 4    | K <sub>0</sub> |                    |

|     |  |   |
|-----|--|---|
| 163 | <del>Approx. 1855 pos.</del> <sup>+6° 4124</sup> 19 <sup>17.5 + 6</sup> 12 <sup>9.4</sup>                            | ✓ |
| 164 | <del>Approx. 1855 pos.</del> 19 17.3 + 6 5   |   |
| 165 | +6° 4128 19 18.4 + 6 42 9.4  | ✓ |
| 166 | +6° 4123 19 17.4 + 6 40 9.1  | ✓ |
| 167 | +7° 4073 19 19.7 + 7 2 9.5   | ✓ |
| 168 | +6° <sup>4136</sup> <del>4035</del> 19 <sup>20.2</sup> + 6 <sup>40</sup> <del>30</del> <sup>9.2</sup> <del>9.4</del> | ✓ |
| 169 | +6° 4135 19 20.0 + 6 30 9.4  | ✓ |
| 170 | +6° 4129 19 18.7 + 6 5 9.4   | ✓ |
| 171 | +5° 4141 19 18.9 + 5 42 9.4  | ✓ |
| 172 | +5° 4146 19 19.4 + 5 46 9.5  | ✓ |
| 173 | +6° 4142 19 20.9 + 6 16 9.4  | ✓ |
| 174 | +6° 4144 19 21.0 + 6 20 9.1  | ✓ |
| 175 | +6° 4154 19 21.9 + 6 12 9.0  | ✓ |
| 176 | +7° 4079 19 21.1 + 7 59 9.1  | ✓ |
| 177 | +8° 4106 19 20.9 + 8 6 8.7   | ✓ |
| 178 | +8° 4102 19 20.3 + 8 28 9.5  | ✓ |
| 179 | <del>Approx. 1855 pos.</del> 19 19.6 + 8 11  | ✓ |
| 180 | +8° 4089 19 18.1 + 8 32 9.5  | ✓ |
| 181 | +8° 4090 19 18.1 + 8 45 9.4  | ✓ |
| 182 | +9° 4086 19 18.5 + 9 29 9.5  | ✓ |
| 183 | +9° 4099 19 19.1 + 9 51 9.1  | ✓ |
| 184 | +9° 4101 19 19.2 + 9 37 9.3  | ✓ |
| 185 | +9° 3984 18 59.4 + 9 22 8.6  | ✓ |
| 186 | +8° 3973 18 59.5 + 8 49 8.7  | ✓ |
| 187 | +8° 3972 18 59.5 + 8 45 9.2  | ✓ |
| 188 | +8° 3971 18 59.5 + 8 28 9.2  | ✓ |
| 189 | +8° 3975 18 59.9 + 8 34 9.0  | ✓ |



Thursday July <sup>9</sup> 1914.  
B 23239 short

| No.    | Int. | Class.         | Remark |
|--------|------|----------------|--------|
| ✓ 190. | 2    | G <sub>5</sub> |        |
| ✓ 191  | 2    | A <sub>0</sub> |        |
| ✓ 192. | 8    | B <sub>9</sub> |        |
| ✓ 193  | 2    | K <sub>5</sub> |        |
| ✓ 194  | 6    | G <sub>0</sub> |        |
| ✓ 195  | 2    | K <sub>0</sub> |        |
| ✓ 196  | 1    | G <sub>5</sub> |        |
| ✓ 197  | 1    | A <sub>0</sub> |        |
| ✓ 198  | 5    | K <sub>0</sub> |        |
| ✓ 199  | 6    | A <sub>0</sub> |        |
| ✓ 200  | 6    | A <sub>2</sub> |        |
| ✓ 201  | 5    | A <sub>0</sub> |        |
| ✓ 202  | 5    | G <sub>0</sub> |        |
| ✓ 203  | 4    | K <sub>2</sub> |        |
| ✓ 204  | 3    | K <sub>2</sub> |        |
| ✓ 205  | 4    | A <sub>5</sub> |        |
| ✓ 206  | 1    | A <sub>0</sub> |        |
| ✓ 207  | 3    | K <sub>2</sub> |        |
| ✓ 208  | 4    | A <sub>2</sub> |        |
| ✓ 209  | 2    | M <sub>2</sub> |        |
| ✓ 210  | 4    | A <sub>5</sub> |        |
| ✓ 211  | 2    | G <sub>0</sub> |        |
| ✓ 212  | 2    | B <sub>9</sub> |        |
| ✓ 213  | 3    | A <sub>2</sub> |        |
| ✓ 214  | 5    | B <sub>9</sub> |        |
| ✓ 215  | 5    | G <sub>0</sub> |        |
| ✓ 216  | 2    | K <sub>0</sub> |        |

|     |                    |               |                 |               |               |                |   |
|-----|--------------------|---------------|-----------------|---------------|---------------|----------------|---|
| 190 | +8° 3979           | 19            | 0.4             | +8            | 46            | 9.2            | ✓ |
| 191 | Approx. 1855 pos.  | 19            | 0.41            | +8            | 30            |                |   |
| 192 | +8° 3977           | 19            | 0.2             | +8            | 8             | 8.7            | ✓ |
| 193 | +7° 3970           | 19            | 0.3             | +7            | 54            | 9.0            | ✓ |
| 194 | +7° 3971           | 19            | 0.4             | +7            | 58            | 9.0            | ✓ |
| 195 | +8° 3981           | 19            | 0.8             | +8            | 14            | 9.2            | ✓ |
| 196 | +8° 3985           | 19            | 1.2             | +8            | 23            | 9.5            | ✓ |
| 197 | +7° 3973           | 19            | 0.7             | +7            | 35            | 9.5            | ✓ |
| 198 | +7° 3967           | 19            | 0.1             | +7            | 26            | 9.2            | ✓ |
| 199 | +7° 3964           | 18            | 59.7            | +7            | 28            | 9.3            | ✓ |
| 200 | +7° 3962           | 18            | 59.6            | +7            | 28            | 9.0            | ✓ |
| 201 | +7° 3963           | 18            | 59.7            | +7            | 47            | 9.2            | ✓ |
|     | +7° 3961           | 18            | 59.4            | +7            | 43            | 9.2            |   |
| 202 | <del>+5 4046</del> | <del>17</del> | <del>2.2</del>  | <del>+5</del> | <del>52</del> | <del>8.5</del> | ✓ |
| 203 | +7° 3958           | 18            | 59.0            | +7            | 6             | 8.8            | ✓ |
| 204 | +7° 3959           | 18            | 59.0            | +7            | 8             | 9.2            | ✓ |
| 205 | +6° 4017           | 18            | 58.9            | +6            | 53            | 9.4            | ✓ |
| 206 | Approx. 1855 pos.  | 18            | 58.7            | +7            | 0             |                |   |
|     | +7° 3954           | 18            | 58.6            | +7            | 1             | 9.0            |   |
| 207 | <del>+5 4029</del> | <del>18</del> | <del>59.3</del> | <del>+5</del> | <del>58</del> | <del>9.5</del> | ✓ |
| 208 | +6° 4013           | 18            | 58.4            | +6            | 58            | 9.1            | ✓ |
| 209 | +6° 4025           | 18            | 59.9            | +6            | 56            | 9.3            | ✓ |
|     | Approx. 1855 pos.  | 19            | 0.3             | +6            | 51            |                |   |
| 210 | <del>+5 4026</del> | <del>18</del> | <del>58.3</del> | <del>+5</del> | <del>56</del> | <del>8.9</del> |   |
| 211 | +7° 3972           | 19            | 0.5             | +7            | 17            | 9.5            | ✓ |
| 212 | +7° 3969           | 19            | 0.2             | +7            | 4             | 9.5            | ✓ |
| 213 | +6° 4027           | 19            | 1.1             | +6            | 57            | 9.4            | ✓ |
| 214 | +6° 4029           | 19            | 1.5             | +6            | 28            | 9.3            | ✓ |
| 215 | +6° 4028           | 19            | 1.4             | +6            | 16            | 9.3            | ✓ |
| 216 | +6° 4033           | 19            | 3.0             | +6            | 53            | 9.4            | ✓ |



Thursday July 9, 1914  
B 232039 short

| No.   | Int. | class.          | Remark               |
|-------|------|-----------------|----------------------|
| ✓ 217 | 7    | Ly <sub>0</sub> |                      |
| ✓ 218 | 7    | Ly <sub>0</sub> |                      |
| ✓ 219 | 5    | a <sub>0</sub>  |                      |
| ✓ 220 | 2    | a <sub>0</sub>  |                      |
| ✓ 221 | 5    | Ly <sub>0</sub> |                      |
| ✓ 222 | 2    | Ma              |                      |
| ✓ 223 | 3    | B <sub>8</sub>  |                      |
| ✓ 224 | 1    | Ly <sub>0</sub> |                      |
| ✓ 225 | 2    | B <sub>9</sub>  |                      |
| ✓ 226 | 3    | F <sub>8</sub>  |                      |
| ✓ 227 | 3    | a <sub>0</sub>  |                      |
| ✓ 228 | 4    | B <sub>9</sub>  |                      |
| ✓ 229 | 1    | K <sub>2</sub>  |                      |
| ✓ 230 | 2    | a <sub>0</sub>  |                      |
| ✓ 231 | 1    | a <sub>2</sub>  |                      |
| ✓ 232 | 2    | a <sub>3</sub>  |                      |
| ✓ 233 | 1    | K <sub>2</sub>  | The following of two |
| ✓ 234 | 2    | Ly <sub>5</sub> |                      |
| ✓ 235 | 1    | K <sub>0</sub>  |                      |
| ✓ 236 | 1    | a <sub>3</sub>  |                      |
| ✓ 237 | 3    | Ly <sub>5</sub> |                      |
| ✓ 238 | 1    | K <sub>0</sub>  |                      |
| ✓ 239 | 4    | a <sub>5</sub>  |                      |
| ✓ 240 | 1    | K <sub>2</sub>  |                      |
| ✓ 241 | 2    | F <sub>8</sub>  |                      |
| ✓ 242 | 3    | B <sub>8</sub>  |                      |
| ✓ 243 | 2    | Ly <sub>0</sub> |                      |

|     |                  |    |      |    |    |     |   |
|-----|------------------|----|------|----|----|-----|---|
| 217 | +6° 40440        | 19 | 3.8  | +6 | 38 | 9.0 | ✓ |
| 218 | +6° 40442        | 19 | 3.9  | +6 | 38 | 8.9 | ✓ |
| 219 | +6° 40443        | 19 | 21.5 | +6 | 36 | 9.3 | ✓ |
|     | 40449            | 19 | 5.41 | +6 | 39 | 9.5 |   |
| 220 | +6° 40450        | 19 | 5.5  | +6 | 42 | 9.0 | ✓ |
|     | 4050             | 19 | 5.5  | +6 | 42 | 9.0 |   |
| 221 | +6° 4051         | 19 | 5.6  | +6 | 39 | 9.2 | ✓ |
| 222 | +6° 4051         | 19 | 5.6  | +6 | 39 | 9.2 | ✓ |
| 223 | +7° 3992         | 19 | 5.0  | +7 | 42 | 9.3 | ✓ |
| 224 | +7° 3989         | 19 | 4.7  | +7 | 48 | 9.4 | ✓ |
| 225 | +8° 3993         | 19 | 3.6  | +8 | 5  | 9.4 | ✓ |
| 226 | +7° 3985         | 19 | 3.4  | +7 | 50 | 9.2 | ✓ |
| 227 | +7° 3981         | 19 | 2.8  | +7 | 46 | 9.3 | ✓ |
| 228 | +8° 3991         | 19 | 2.8  | +8 | 18 | 8.9 | ✓ |
| 229 | +7° 3976         | 19 | 1.8  | +7 | 45 | 9.2 | ✓ |
| 230 | +7 3977          | 19 | 2.2  | +7 | 28 | 9.5 | ✓ |
| 231 | +7° 3975         | 19 | 1.7  | +7 | 14 | 9.5 | ✓ |
| 232 | +7° 3979         | 19 | 2.6  | +7 | 10 | 9.4 | ✓ |
| 233 | +7° 3984         | 19 | 3.0  | +7 | 26 | 9.3 | ✓ |
| 234 | +7° 3990         | 19 | 4.8  | +7 | 22 | 9.5 | ✓ |
| 235 | Approx. 1855 pos | 19 | 5.4  | +7 | 22 |     |   |
| 236 | Approx. 1855 pos | 19 | 6.4  | +7 | 31 |     |   |
| 237 | +7° 3999         | 19 | 6.8  | +7 | 38 | 9.3 | ✓ |
| 238 | +7° 4001         | 19 | 7.1  | +7 | 38 | 9.4 | ✓ |
| 239 | +8° 4008         | 19 | 7.1  | +8 | 6  | 9.5 | ✓ |
| 240 | +8° 4006         | 19 | 6.5  | +8 | 11 | 9.5 | ✓ |
| 241 | +8° 4001         | 19 | 5.4  | +8 | 38 | 9.5 | ✓ |
| 242 | +8° 3999         | 19 | 4.9  | +8 | 28 | 9.3 | ✓ |
| 243 | +8° 4000         | 19 | 5.8  | +8 | 56 | 9.3 | ✓ |
|     |                  |    |      |    | 59 | 9.5 | ✓ |



Thursday July 9, 1914  
B 23239 short

| no.    | int. | class          | Remark                       |
|--------|------|----------------|------------------------------|
| ✓ 244. | 1    | A <sub>0</sub> |                              |
| ✓ 245  | 4    | K <sub>0</sub> |                              |
| ✓ 246  | 2    | G <sub>5</sub> |                              |
| ✓ 247  | 4    | A <sub>2</sub> |                              |
| ✓ 248  | 2    | F <sub>0</sub> |                              |
| ✓ 249  | 1    | A <sub>2</sub> |                              |
| ✓ 250  | 2    | A <sub>2</sub> |                              |
| ✓ 251  | 2    | F <sub>0</sub> |                              |
| ✓ 252  | 3    | A <sub>0</sub> |                              |
| ✓ 253  | 2    | G <sub>0</sub> |                              |
| ✓ 254  | 4    | F <sub>8</sub> | The following of two         |
| ✓ 255  | 5    | A <sub>0</sub> |                              |
| ✓ 256  | 3    | B <sub>9</sub> |                              |
| ✓ 257  | 5    | G <sub>5</sub> |                              |
| ✓ 258  | 3    | A              | partly sup. on star at south |
| ✓ 259  | 2    | A <sub>2</sub> |                              |
| ✓ 260  | 3    | G <sub>0</sub> |                              |
| ✓ 261  | 3    | B <sub>9</sub> |                              |
| ✓ 262  | 4    | K <sub>0</sub> |                              |
| ✓ 263  | 5    | A              | nearly all sup. on 262       |
| ✓ 264  | 3    | A <sub>0</sub> |                              |
| ✓ 265  | 3    | A <sub>0</sub> |                              |
| ✓ 266  | 3    | A <sub>2</sub> |                              |
| ✓ 267  | 4    | G <sub>0</sub> |                              |
| ✓ 268  | 3    | F <sub>8</sub> |                              |
| ✓ 269  | 2    | G <sub>5</sub> |                              |
| ✓ 270  | 2    | B <sub>9</sub> |                              |

10:13

|     |                          |     |      |    |    |   |
|-----|--------------------------|-----|------|----|----|---|
| 244 | <del>diff. 1855</del> 19 | 5.5 | +8   | 55 |    |   |
| 245 | +9° 4030                 | 19  | 7.4  | +9 | 50 | 8.5 ✓   |
| 246 | +9° 4032                 | 19  | 7.7  | +9 | 49 | 9.4 ✓   |
| 247 | +9° 4036                 | 19  | 8.0  | +9 | 39 | 9.3 ✓   |
| 248 | +9° 4043                 | 19  | 9.2  | +9 | 40 | 9.4 ✓   |
| 249 | +9° 4042                 | 19  | 9.1  | +9 | 20 | 9.5 ✓   |
| 250 | +8° 4013                 | 19  | 8.2  | +8 | 48 | 9.5 ✓   |
| 251 | +8° 4001                 | 19  | 7.8  | +8 | 51 | 9.5 ✓   |
| 252 | +8° 4014                 | 19  | 8.2  | +8 | 12 | 9.1 +8° 4015 19 8.2 +8 16 9.5 <sup>super.</sup> |
| 253 | <del>diff. 1855</del> 19 | 8.4 | +8   | 17 |    |   |
| 254 | +8° 4018<br>4006         | 19  | 8.9  | +8 | 7  | 9.4 ✓   |
| 255 | +7 8801                  | 19  | 9.0  | +7 | 47 | 9.2 ✓   |
| 256 | +7° 4010                 | 19  | 9.9  | +7 | 54 | 9.5 ✓   |
| 257 | +7° 4013                 | 19  | 10.3 | +7 | 42 | 8.7 ✓   |
| 258 | +8° 4021                 | 19  | 9.1  | +8 | 28 | 9.2 +8° 4020 19 9.1 +8 22 9.0 <sup>super.</sup> |
| 259 | +8° 4022                 | 19  | 9.4  | +8 | 38 | 9.5 ✓   |
| 260 | +8° 4024                 | 19  | 9.5  | +8 | 43 | 9.0 ✓   |
| 261 | +8° 4029                 | 19  | 9.8  | +8 | 59 | 9.5 ✓   |
| 262 | +9° 4057                 | 19  | 10.1 | +9 | 5  | 8.5 ✓   |
| 263 | +9° 4058                 | 19  | 10.1 | +9 | 5  | 9.0 ✓   |
| 264 | +8° 4033                 | 19  | 10.5 | +8 | 47 | 9.4 ✓   |
| 265 | +8° 4036                 | 19  | 10.9 | +8 | 50 | 9.5 ✓   |
| 266 | +8° 4039                 | 19  | 11.6 | +8 | 53 | 9.1 ✓   |
| 267 | +8° 4041                 | 19  | 11.8 | +8 | 34 | 9.0 ✓   |
| 268 | +8° 4042                 | 19  | 12.2 | +8 | 56 | 9.0 ✓   |
| 269 | +9° 4058                 | 19  | 12.1 | +9 | 13 | 9.2 ✓   |
| 270 | +9° 4065                 | 19  | 12.7 | +9 | 20 | 9.5 ✓   |



Monday July 13, 1914  
B 23239 shot

|       | No.   | Int. | Class.         | Remark |
|-------|-------|------|----------------|--------|
| 10:50 | ✓ 271 | 4    | A <sub>0</sub> |        |
|       | ✓ 272 | 3    | F <sub>0</sub> |        |
|       | ✓ 273 | 5    | K <sub>0</sub> |        |
|       | ✓ 274 | 5    | B <sub>9</sub> |        |
|       | ✓ 275 | 2    | A <sub>0</sub> |        |
|       | ✓ 276 | 3    | A <sub>2</sub> |        |
|       | ✓ 277 | 2    | K <sub>0</sub> |        |
|       | ✓ 278 | 2    | A <sub>0</sub> |        |
|       | ✓ 279 | 1    | K <sub>2</sub> |        |
|       | ✓ 280 | 2    | K <sub>0</sub> |        |
|       | ✓ 281 | 4    | A <sub>0</sub> |        |
|       | ✓ 282 | 2    | A <sub>0</sub> |        |
|       | ✓ 283 | 3    | K <sub>0</sub> |        |
|       | ✓ 284 | 2    | B <sub>8</sub> |        |
|       | ✓ 285 | 1    | A <sub>0</sub> |        |
|       | ✓ 286 | 4    | A <sub>3</sub> |        |
|       | ✓ 287 | 6    | A <sub>2</sub> |        |
|       | ✓ 288 | 4    | B <sub>5</sub> |        |
|       | ✓ 289 | 3    | A <sub>0</sub> |        |
|       | ✓ 290 | 2    | A <sub>0</sub> |        |
|       | ✓ 291 | 2    | A <sub>0</sub> |        |
|       | ✓ 292 | 3    | G <sub>0</sub> |        |
|       | ✓ 293 | 6    | A <sub>3</sub> |        |
|       | ✓ 294 | 1    | G <sub>5</sub> |        |
|       | ✓ 295 | 1    | F <sub>5</sub> |        |
|       | ✓ 296 | 2    | G <sub>0</sub> |        |
|       | ✓ 297 | 4    | A <sub>0</sub> |        |

|     |                     |               |                 |               |               |                |   |
|-----|---------------------|---------------|-----------------|---------------|---------------|----------------|---|
| 271 | +8° 4038            | 19            | 11.0            | +8            | 25            | 9.5            | ✓ |
| 272 | +7° 4021            | 19            | 11.2            | +7            | 51            | 9.4            | ✓ |
| 273 | +7° 4020            | 19            | 11.1            | +7            | 25            | 9.0            | ✓ |
| 274 | +7° 4017            | 19            | 10.6            | +7            | 21            | 9.4            | ✓ |
| 275 | +7° 4012            | 19            | 10.3            | +7            | 29            | 9.5            | ✓ |
| 276 | <del>+6° 4008</del> | <del>19</del> | <del>10.1</del> | <del>+7</del> | <del>26</del> | <del>9.5</del> |   |
| 277 | +7° 4009            | 19            | 9.6             | +7            | 14            | 9.4            | ✓ |
| 278 | +6° 4074            | 19            | 9.4             | +6            | 57            | 9.5            | ✓ |
| 279 | +7° 4007            | 19            | 9.2             | +7            | 6             | 9.5            | ✓ |
| 280 | +7° <del>4005</del> | 19            | 8.8             | +7            | 13            | 9.4            | ✓ |
| 281 | +7° <del>3904</del> | 19            | 8.4             | +7            | 11            | 9.4            | ✓ |
| 282 | Approx. 1855 pos.   | 19            | 8.2             | +6            | 52            |                |   |
| 283 | +6° 4063            | 19            | 7.1             | +6            | 57            | 9.5            | ✓ |
| 284 | +6° 4066            | 19            | 7.3             | +6            | 29            | 9.5            | ✓ |
| 285 | Approx. 1855 pos.   | 19            | 7.3             | +6            | 18            |                | ✓ |
| 286 | +6° 4062            | 19            | 7.1             | +6            | 18            | 9.5            | ✓ |
| 287 | +6° 4061            | 19            | 6.7             | +6            | 17            | 9.5            | ✓ |
| 288 | +6° 4060            | 19            | 6.6             | +6            | 14            | 9.4            | ✓ |
| 289 | +6° 4064            | 19            | 7.2             | +6            | 7             | 9.5            | ✓ |
| 290 | +6° 4057            | 19            | 6.4             | +6            | 14            | 9.5            | ✓ |
| 291 | Approx. 1855 pos.   | 19            | 6.2             | +6            | 15            |                |   |
| 292 | +6° 4054            | 19            | 6.1             | +6            | 23            | 9.5            | ✓ |
| 293 | +6° 4053            | 19            | 6.0             | +6            | 16            | 9.0            | ✓ |
| 294 | <del>+5° 4063</del> | <del>19</del> | <del>4.9</del>  | <del>+5</del> | <del>60</del> | <del>9.5</del> |   |
| 295 | +5° 4063            | 19            | 4.9             | +5            | 60            | 9.5            | ✓ |
| 296 | +5° 4062            | 19            | 4.9             | +5            | 52            | 9.4            | ✓ |
| 297 | +5° 4066            | 19            | 5.2             | +5            | 34            | 9.5            | ✓ |



Monday, July 13, 1914

B 23239 short

| No.   | Int. | Class          | Remark                     |
|-------|------|----------------|----------------------------|
| ✓ 298 | 3    | g <sub>0</sub> |                            |
| ✓ 299 | 3    | K <sub>0</sub> |                            |
| ✓ 300 | 4    | A <sub>2</sub> |                            |
| ✓ 301 | 6    | A <sub>0</sub> |                            |
| ✓ 302 | 6    | K <sub>2</sub> |                            |
| ✓ 303 | 2    | F <sub>5</sub> |                            |
| ✓ 304 | 1    | K <sub>5</sub> |                            |
| ✓ 305 | 1    | K <sub>2</sub> |                            |
| ✓ 306 | 4    | K <sub>0</sub> |                            |
| ✓ 307 | 2    | A <sub>0</sub> |                            |
| ✓ 308 | 3    | A <sub>2</sub> |                            |
| ✓ 309 | 2    | A <sub>0</sub> |                            |
| ✓ 310 | 3    | g <sub>5</sub> |                            |
| ✓ 311 | 2    | A <sub>0</sub> |                            |
| ✓ 312 | 2    | F <sub>8</sub> |                            |
| ✓ 313 | 8    | g <sub>0</sub> |                            |
| ✓ 314 | 3    | g <sub>0</sub> | Another star sup. at south |
| ✓ 315 | 6    | g <sub>0</sub> |                            |
| ✓ 316 | 2    | K <sub>5</sub> |                            |
| ✓ 317 | 1    | A <sub>2</sub> |                            |
| ✓ 318 | 2    | A <sub>0</sub> |                            |
| ✓ 319 | 2    | F <sub>8</sub> |                            |
| ✓ 320 | 3    | A <sub>0</sub> |                            |
| ✓ 321 | 1    | g <sub>0</sub> |                            |
| ✓ 322 | 2    | K <sub>2</sub> |                            |
| ✓ 323 | 2    | K <sub>2</sub> |                            |
| ✓ 324 | 2    | A <sub>2</sub> |                            |

|     |  |                                |                                    |                                |                                |                                  |   |
|-----|--|--------------------------------|------------------------------------|--------------------------------|--------------------------------|----------------------------------|---|
| 298 | +5° 4051                                   | 19                             | 3.7                                | +5                             | 32                             | 9.5                              | ✓ |
| 299 | +5° 4054                                   | 19                             | 3.9                                | +5                             | 9                              | 9.1                              | ✓ |
| 300 | +4° 3995                                   | 19                             | 2.8                                | +4                             | 58                             | 9.3                              | ✓ |
| 301 | +4° 3992                                   | 19                             | 2.4                                | +4                             | 55                             | 9.2                              | ✓ |
| 302 | +5° 4046                                   | 19                             | 2.2                                | +5                             | 52                             | 8.5                              | ✓ |
| 303 | +6° 4045                                   | 19                             | 4.6                                | +6                             | 19                             | 9.5                              | ✓ |
| 304 | +6° 4035 <sup>6</sup>                      | 19                             | 3.3                                | +6                             | 3                              | 9.3                              | ✓ |
| 305 | <del>+6° 4031</del><br><del>+6° 4022</del> | <del>19</del><br><del>19</del> | <del>1.8</del><br><del>59.5</del>  | <del>+6</del><br><del>+5</del> | <del>13</del><br><del>4</del>  | <del>9.4</del><br><del>9.0</del> | ✓ |
| 306 | +6° 4022                                   | 18                             | 59.5                               | +6                             | 4                              | 9.0                              | ✓ |
| 307 | +5° 4029                                   | 18                             | 59.3                               | +5                             | 58                             | 9.5                              | ✓ |
| 308 | +6° 4018                                   | 18                             | 59.1                               | +6                             | 15                             | 9.5                              | ✓ |
| 309 | +6° 4015                                   | 18                             | 58.7                               | +6                             | 2                              | 9.5                              | ✓ |
| 310 | +5° 4026                                   | 18                             | 58.3                               | +5                             | 56                             | 8.9                              | ✓ |
| 311 | +6° 4012                                   | 18                             | 58.0                               | +6                             | 43                             | 9.4                              | ✓ |
| 312 | +7° 3951                                   | 18                             | 57.4                               | +7                             | 3                              | 9.3                              | ✓ |
| 313 | +7° 3949                                   | 18                             | 57.3                               | +7                             | 50                             | 9.3                              | ✓ |
| 314 | +7° 3947                                   | 18                             | 57.0                               | +7                             | 60                             | 9.3                              | ✓ |
| 315 | <del>+8° 3964</del><br><del>+7° 3949</del> | <del>18</del><br><del>18</del> | <del>58.4</del><br><del>57.3</del> | <del>+8</del><br><del>+7</del> | <del>34</del><br><del>50</del> | <del>8.7</del><br><del>9.3</del> | ✓ |
| 316 | +8° 3966                                   | 18                             | 58.8                               | +8                             | 53                             | 9.0                              | ✓ |
| 317 | +8° 3967                                   | 18                             | 58.8                               | +8                             | 50                             | 9.4                              | ✓ |
| 318 | +9° 3981                                   | 18                             | 58.6                               | +9                             | 24                             | 9.4                              | ✓ |
| 319 | +10° 3976                                  | 18                             | 57.7                               | +10                            | 14                             | 9.4                              | ✓ |
| 320 | +10° 3975                                  | 18                             | 57.4                               | +10                            | 1                              | 9.3                              | ✓ |
| 321 | +9° 3975                                   | 18                             | 57.2                               | +9                             | 55                             | 9.5                              | ✓ |
| 322 | +9° 3974                                   | 18                             | 57.2                               | +9                             | 38                             | 8.9                              | ✓ |
| 323 | +9° 3971                                   | 18                             | 56.4                               | +9                             | 43                             | 8.4                              | ✓ |
| 324 | +9° 3970                                   | 18                             | 56.3                               | +9                             | 44                             | 9.2                              | ✓ |

star superposed not in SMC cat.



Monday, July 13, 1914  
B 23239 shot

| No.   | Int. | Class          | Remark. |
|-------|------|----------------|---------|
| ✓ 325 | 2    | Ao             |         |
| ✓ 326 | 3    | F <sub>5</sub> |         |
| ✓ 327 | 3    | F <sub>8</sub> |         |
| ✓ 328 | 2    | B <sub>9</sub> |         |
| ✓ 329 | 4    | Ao             |         |
| ✓ 330 | 3    | Ao             |         |
| ✓ 331 | 2    | Ko             |         |
| ✓ 332 | 3    | B <sub>9</sub> |         |
| ✓ 333 | 4    | F <sub>8</sub> |         |
| ✓ 334 | 2    | A <sub>2</sub> |         |
| ✓ 335 | 2    | F <sub>5</sub> |         |
| ✓ 336 | 2    | Ao             |         |
| ✓ 337 | 9    | Ly             |         |
| ✓ 338 | 2    | F <sub>0</sub> |         |
| ✓ 339 | 2    | G <sub>0</sub> |         |
| ✓ 340 | 2    | Ao             |         |
| ✓ 341 | 1    | B <sub>5</sub> |         |
| ✓ 342 | 1    | Ko             |         |
| ✓ 343 | 4    | Ao             |         |
| ✓ 344 | 3    | F <sub>8</sub> |         |
| ✓ 345 | 5    | Ao             |         |
| ✓ 346 | 5    | G <sub>0</sub> |         |
| ✓ 347 | 3    | Ko             |         |
| ✓ 348 | 3    | F <sub>8</sub> |         |
| ✓ 349 | 3    | B <sub>9</sub> |         |
| ✓ 350 | 4    | A <sub>2</sub> |         |
| ✓ 351 | 3    | Ko             |         |

|     |                      |    |      |    |    |     |   |
|-----|----------------------|----|------|----|----|-----|---|
| 325 | +6° 4079             | 19 | 10.2 | +6 | 41 | 9.5 | ✓ |
| 326 | +6° 4080             | 19 | 10.3 | +6 | 33 | 9.0 | ✓ |
| 327 | +6° 4081             | 19 | 10.3 | +6 | 8  | 9.5 | ✓ |
| 328 | +5° 4109             | 19 | 11.2 | +5 | 44 | 9.5 | ✓ |
| 329 | +5° 4106             | 19 | 11.0 | +5 | 23 | 9.3 | ✓ |
| 330 | +5° 4111             | 19 | 12.0 | +5 | 28 | 9.1 | ✓ |
| 331 | +5° 4112             | 19 | 12.2 | +5 | 20 | 9.5 | ✓ |
| 332 | +5° 4113             | 19 | 12.7 | +5 | 54 | 9.4 | ✓ |
| 333 | +6° 4091             | 19 | 12.3 | +6 | 13 | 9.1 | ✓ |
| 334 | +6° 4092             | 19 | 12.6 | +6 | 29 | 9.5 | ✓ |
| 335 | +6° 4093             | 19 | 12.6 | +6 | 26 | 9.2 | ✓ |
| 336 | +6° 4098             | 19 | 13.1 | +6 | 28 | 9.5 | ✓ |
| 337 | +6° 4099             | 19 | 13.5 | +6 | 23 | 9.3 | ✓ |
| 338 | <del>4094</del> 4105 | 19 | 12.4 | +6 | 30 |     |   |
| 339 | +5° 4116             | 19 | 13.9 | +5 | 50 | 9.5 | ✓ |
| 340 | +5° 4122             | 19 | 15.1 | +5 | 34 | 9.5 | ✓ |
| 341 | +5° 4121             | 19 | 14.8 | +5 | 30 | 9.5 | ✓ |
| 342 | +5° 4120             | 19 | 14.8 | +5 | 23 | 9.5 | ✓ |
| 343 | +4° 4076             | 19 | 14.8 | +4 | 52 | 9.5 | ✓ |
| 344 | +4° 4072             | 19 | 13.8 | +4 | 22 | 9.5 | ✓ |
| 345 | +3° 3984             | 19 | 14.1 | +3 | 48 | 9.4 | ✓ |
| 346 | +3° 3987             | 19 | 14.4 | +3 | 44 | 9.3 | ✓ |
| 347 | +3° 3988             | 19 | 14.8 | +3 | 57 | 9.0 | ✓ |
| 348 | +3° 3980             | 19 | 13.1 | +3 | 47 | 9.4 | ✓ |
| 348 | +3° 3978             | 19 | 13.0 | +3 | 47 | 8.6 | ✓ |
| 349 | +4° 4084             | 19 | 15.9 | +4 | 50 | 9.2 | ✓ |
| 350 | +4° 4087             | 19 | 16.5 | +4 | 44 | 9.5 | ✓ |
| 351 | +4° 4098             | 19 | 18.8 | +4 | 54 | 8.9 | ✓ |



Monday, July 13, 1914  
B 23239 short

| No.   | Int. | Class          | Remarks            |
|-------|------|----------------|--------------------|
| ✓ 352 | 2    | A              | Partly sup. on 351 |
| ✓ 353 | 5    | K <sub>0</sub> |                    |
| ✓ 354 | 6    | B <sub>9</sub> |                    |
| ✓ 355 | 2    | M <sub>a</sub> |                    |
| ✓ 356 | 3    | F <sub>2</sub> |                    |
| ✓ 357 | 1    | K <sub>2</sub> |                    |
| ✓ 358 | 4    | A <sub>2</sub> |                    |
| ✓ 359 | 4    | A <sub>0</sub> |                    |
| ✓ 360 | 4    | A <sub>0</sub> |                    |
| ✓ 361 | 3    | B <sub>9</sub> |                    |
| ✓ 362 | 2    | K <sub>0</sub> |                    |
| ✓ 363 | 5    | G <sub>5</sub> |                    |
| ✓ 364 | 5    | F <sub>8</sub> |                    |
| ✓ 365 | 5    | A <sub>0</sub> |                    |
| ✓ 366 | 4    | K <sub>2</sub> |                    |
| ✓ 367 | 3    | K <sub>2</sub> |                    |
| ✓ 368 | 5    | F <sub>8</sub> |                    |
| ✓ 369 | 2    | B <sub>9</sub> |                    |
| ✓ 370 | 2    | A <sub>2</sub> |                    |
| ✓ 371 | 1    | A <sub>2</sub> |                    |
| ✓ 372 | 2    | G <sub>5</sub> |                    |
| ✓ 373 | 2    | B <sub>9</sub> |                    |
| ✓ 374 | 3    | K <sub>0</sub> |                    |
| ✓ 375 | 2    | G <sub>0</sub> | Partly sup. on 374 |
| ✓ 376 | 2    | G <sub>5</sub> |                    |
| ✓ 377 | 2    | K <sub>2</sub> |                    |
| ✓ 378 | 4    | K <sub>0</sub> |                    |

|     |                       |    |      |    |    |     |   |
|-----|-----------------------|----|------|----|----|-----|---|
| 352 | +4° 4099              | 19 | 18.9 | +4 | 58 | 9.5 | ✓ |
| 353 | +5° 4149              | 19 | 20.5 | +5 | 44 | 8.3 | ✓ |
| 354 | +8° 4053              | 19 | 14.6 | +8 | 36 | 8.8 | ✓ |
| 355 | +4° 4048              | 19 | 9.9  | +4 | 58 | 9.2 | ✓ |
|     | 4098                  | 19 | 9.3  | +5 | 27 | 9.4 |   |
| 356 | +5° 4096              | 19 | 8.9  | +5 | 22 | 9.5 | ✓ |
| 357 | <del>4096</del>       | 19 | 9.1  | +5 | 25 |     |   |
|     | 4096                  | 19 | 8.9  | +5 | 22 | 9.5 |   |
| 358 | +5° 4094              | 19 | 8.6  | +5 | 16 | 9.4 | ✓ |
| 359 | +5° 4094              | 19 | 8.6  | +5 | 16 | 9.4 | ✓ |
| 360 | +5° 4093              | 19 | 8.4  | +5 | 1  | 9.4 | ✓ |
| 361 | +4° 4037              | 19 | 8.5  | +4 | 57 | 9.3 | ✓ |
| 362 | +4° 4039              | 19 | 8.6  | +4 | 44 | 9.5 | ✓ |
| 363 | +4° 4027              | 19 | 6.8  | +4 | 40 | 9.1 | ✓ |
| 364 | +4° 4023 <sup>6</sup> | 19 | 6.6  | +4 | 34 | 9.2 | ✓ |
| 365 | +4° 4021              | 19 | 6.2  | +4 | 35 | 9.1 | ✓ |
| 366 | +5° 4080              | 19 | 6.6  | +5 | 4  | 8.9 | ✓ |
| 367 | +3° 4078              | 19 | 6.1  | +5 | 13 | 9.4 | ✓ |
| 368 | +4° 4016              | 19 | 5.5  | +4 | 49 | 8.8 | ✓ |
| 369 | +3° 4077              | 19 | 6.1  | +5 | 49 | 9.5 | ✓ |
|     | 4074                  | 19 | 5.7  | +5 | 15 | 9.4 |   |
| 370 | +5° 4078              | 19 | 6.1  | +5 | 13 | 9.5 | ✓ |
| 371 | +4° 4012              | 19 | 5.1  | +4 | 44 | 9.5 | ✓ |
| 372 | +4° 4007              | 19 | 4.5  | +4 | 35 | 9.5 | ✓ |
| 373 | +6° 4071              | 19 | 8.7  | +6 | 12 | 9.4 | ✓ |
| 374 | +6° 4072              | 19 | 9.3  | +6 | 21 | 9.0 | ✓ |
| 375 | +6° 4073              | 19 | 9.3  | +6 | 22 | 9.5 | ✓ |
| 376 | +6° 4068              | 19 | 8.2  | +6 | 9  | 9.5 | ✓ |
| 377 | +5° 4092              | 19 | 8.3  | +5 | 56 | 9.5 | ✓ |
| 378 | +5° 4090              | 19 | 7.9  | +5 | 48 | 9.0 | ✓ |



Monday, July 13, 1914

B 23239 short

| No.   | Int.  | Class | Remark         |
|-------|-------|-------|----------------|
| 11:13 | ✓ 379 | 3     | a <sub>2</sub> |
|       | 380   |       |                |
|       | = 381 |       |                |

|     |   |                |
|-----|---|----------------|
| 381 | 5 | a <sub>2</sub> |
|-----|---|----------------|

|     |   |   |
|-----|---|---|
| 382 | 2 | g |
|-----|---|---|

|     |   |                |
|-----|---|----------------|
| 383 | 3 | a <sub>0</sub> |
|-----|---|----------------|

|     |   |                |
|-----|---|----------------|
| 384 | 4 | a <sub>3</sub> |
|-----|---|----------------|

|     |   |                |
|-----|---|----------------|
| 385 | 3 | a <sub>0</sub> |
|-----|---|----------------|

|     |   |                |
|-----|---|----------------|
| 386 | 4 | a <sub>2</sub> |
|-----|---|----------------|

|     |   |                |
|-----|---|----------------|
| 387 | 3 | a <sub>0</sub> |
|-----|---|----------------|

|     |   |                |
|-----|---|----------------|
| 388 | 2 | K <sub>0</sub> |
|-----|---|----------------|

|     |   |                |
|-----|---|----------------|
| 389 | 4 | g <sub>0</sub> |
|-----|---|----------------|

|     |   |                |
|-----|---|----------------|
| 390 | 3 | K <sub>0</sub> |
|-----|---|----------------|

|     |   |                |
|-----|---|----------------|
| 391 | 4 | a <sub>3</sub> |
|-----|---|----------------|

|     |   |                |
|-----|---|----------------|
| 392 | 4 | a <sub>0</sub> |
|-----|---|----------------|

|     |   |                |
|-----|---|----------------|
| 393 | 4 | a <sub>0</sub> |
|-----|---|----------------|

|     |   |                |
|-----|---|----------------|
| 394 | 4 | K <sub>0</sub> |
|-----|---|----------------|

|     |   |                |
|-----|---|----------------|
| 395 | 3 | a <sub>0</sub> |
|-----|---|----------------|

|     |   |                |
|-----|---|----------------|
| 396 | 4 | g <sub>5</sub> |
|-----|---|----------------|

|     |   |                |
|-----|---|----------------|
| 397 | 4 | f <sub>5</sub> |
|-----|---|----------------|

|     |   |                |
|-----|---|----------------|
| 398 | 3 | g <sub>5</sub> |
|-----|---|----------------|

|     |   |                |
|-----|---|----------------|
| 399 | 4 | K <sub>0</sub> |
|-----|---|----------------|

|     |   |                |
|-----|---|----------------|
| 400 | 3 | a <sub>0</sub> |
|-----|---|----------------|

|     |   |                |
|-----|---|----------------|
| 401 | 3 | K <sub>0</sub> |
|-----|---|----------------|

|     |   |                |
|-----|---|----------------|
| 402 | 3 | g <sub>0</sub> |
|-----|---|----------------|

|     |   |                |
|-----|---|----------------|
| 403 | 5 | K <sub>0</sub> |
|-----|---|----------------|

379  $+5^{\circ} 2086$  19 7.6 + 5 59 9.4 ✓

Ident on cards by A.M.C. Mar. 16, 1915

Identified here March 23 1915

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

|       |                    |                 |      |       |       |     |              |
|-------|--------------------|-----------------|------|-------|-------|-----|--------------|
| ✓ 381 | $+11^{\circ} 3295$ | 19              | 11.9 | $+11$ | 23    | 8.6 | 82 on B14171 |
| ✓ 382 | $+9^{\circ} 4029$  |                 |      |       |       |     | { 32e " "    |
| ✓ 383 | $+9^{\circ} 4028$  | 19              | 7.4  | $+9$  | 44    | 9.1 |              |
| ✓ 384 | $+8^{\circ} 4035$  | 19              | 10.8 | $+8$  | 32    | 8.6 | 110 m "      |
| 385   | $+11^{\circ}$      | 3720            | 18   | 58.0  | $+11$ | 7   | 9.3 ✓        |
| 386   | $+10^{\circ}$      | 3780            | 18   | 58.2  | $+10$ | 35  | 9.1 ✓        |
| 387   | $+10^{\circ}$      | 3789            | 18   | 0.6   | $+10$ | 32  | 9.5 ✓        |
| 388   | $+10^{\circ}$      | 3796            | 19   | 1.8   | $+10$ | 10  | 9.2 ✓        |
|       |                    | 3797            |      | 0     |       | 21  | 9.2 ✓        |
| 389   | $+10^{\circ}$      | <del>3800</del> | 19   | 2.4   | $+10$ | 19  | 8.5 ✓        |
| 390   | $+10^{\circ}$      | 3798            | 19   | 2.1   | $+10$ | 28  | 9.4 ✓        |
| 391   | $+12^{\circ}$      | 3813            | 19   | 1.0   | $+12$ | 56  | 8.6 ✓        |
| 392   | $+12^{\circ}$      | 3820            | 19   | 1.9   | $+12$ | 58  | 8.8 ✓        |
| 393   | $+12^{\circ}$      | 3821            | 19   | 2.2   | $+12$ | 34  | 9.4 ✓        |
| 394   | $+12^{\circ}$      | 3849            | 19   | 5.8   | $+12$ | 28  | 8.7 ✓        |
| 395   | $+12^{\circ}$      | 3851            | 19   | 5.9   | $+12$ | 39  | 8.9 ✓        |
| 396   | $+11^{\circ}$      | 3782            | 19   | 8.9   | $+11$ | 35  | 8.5 ✓        |
| 397   | $+11^{\circ}$      | 3786            | 19   | 9.9   | $+11$ | 24  | 9.0 ✓        |
| 398   | $+12^{\circ}$      | 3869            | 19   | 11.3  | $+12$ | 13  | 8.9 ✓        |
| 399   | $+11^{\circ}$      | 3794            | 19   | 11.6  | $+11$ | 54  | 8.6 ✓        |
| 400   | $+11^{\circ}$      | 3789            | 19   | 10.9  | $+11$ | 31  | 9.1 ✓        |
| 401   | $+11^{\circ}$      | 3805            | 19   | 14.1  | $+11$ | 39  | 8.8 ✓        |
| 402   | $+11^{\circ}$      | 3807            | 19   | 14.2  | $+11$ | 44  | 9.1 ✓        |
| 403   | $+11^{\circ}$      | 3811            | 19   | 15.0  | $+11$ | 48  | 8.5 ✓        |



Tuesday, Sept. 25, 1917  
B23239 short

| No  | Int. | class | Remark |
|-----|------|-------|--------|
| 404 | 4    | Ao    |        |
| 405 | 3    | F5    |        |
| 406 | 2    | F5    |        |
| 407 | 4    | Ao    |        |
| 408 | 4    | B9    |        |
| 409 | 2    | F5    |        |
| 410 | 2.   | F5    |        |
| 411 | 2    | Ao    |        |
| 412 | 1    | K2    |        |
| 413 | 3    | Ao    |        |
| 414 | 4    | Ao    |        |
| 415 | 3    | Ko    |        |
| 416 | 3    | Ao    |        |
| 417 | 3    | F5    |        |
| 418 | 3    | Ao    |        |
| 419 | 5    | Ao    |        |
| 420 | 4    | F5    |        |
| 421 | 3    | me    |        |
| 422 |      |       |        |
| 423 |      |       |        |
| 424 |      |       |        |
| 422 | 1    | A5    |        |

|     |      |      |    |      |      |    |       |
|-----|------|------|----|------|------|----|-------|
| 404 | +11° | 3816 | 19 | 15.7 | + 11 | 14 | 9.3 ✓ |
| 405 | +11° | 3817 | 19 | 16.2 | + 11 | 45 | 9.0 ✓ |
| 406 | +11° | 3820 | 19 | 16.8 | + 11 | 22 | 9.4 ✓ |
| 407 | +11° | 3829 | 19 | 17.8 | + 11 | 44 | 9.0 ✓ |
| 408 | +11° | 3835 | 19 | 18.6 | + 11 | 24 | 8.9 ✓ |
| 409 | +10° | 3887 | 19 | 18.5 | + 10 | 10 | 9.4 ✓ |
| 410 | +9°  | 4097 | 19 | 18.7 | + 9  | 58 | 9.4 ✓ |
| 411 | +10° | 3892 | 19 | 19.5 | + 10 | 4  | 9.5 ✓ |
| 412 | +10° | 3893 | 19 | 19.5 | + 10 | 10 | 9.3 ✓ |
| 413 | +10° | 3899 | 19 | 20.2 | + 10 | 41 | 9.3 ✓ |
| 414 | +10° | 3905 | 19 | 20.6 | + 10 | 48 | 9.3 ✓ |
| 415 | +10° | 3900 | 19 | 20.3 | + 10 | 28 | 9.1 ✓ |
| 416 | +10° | 3902 | 19 | 20.4 | + 10 | 23 | 9.5 ✓ |
| 417 | +9°  | 4106 | 19 | 20.4 | + 9  | 57 | 9.2 ✓ |
| 418 | +10° | 3907 | 19 | 20.9 | + 10 | 6  | 9.5 ✓ |
| 419 | +10° | 3922 | 19 | 23.1 | + 10 | 31 | 9.0 ✓ |
| 420 | +11° | 3852 | 19 | 21.8 | + 11 | 14 | 8.7 ✓ |
| 421 | +11° | 3848 | 19 | 21.3 | + 11 | 29 | 8.8 ✓ |

Ident. on cards by M. A. H. Sept. 25, 1917

Ident. in book by A. M. C. Sept. 26, 1917.

" checked by G. R. B. Sept. 26, 1917









Monday, July 13, 1914  
B14156 short

|       | No.  | Int. | Class                    | Remark |
|-------|------|------|--------------------------|--------|
| 11:14 | ✓ 1. | 2    | F <sub>8</sub>           |        |
|       | ✓ 2  | 2    | K <sub>0</sub>           |        |
|       | ✓ 3  | 3    | F <sub>2</sub>           |        |
|       | ✓ 4  | 2    | G <sub>5</sub>           |        |
|       | ✓ 5  | 4    | <del>F<sub>5</sub></del> |        |
|       | ✓ 6  | 2    | F <sub>8</sub>           |        |
|       | ✓ 7  | 3.   | K <sub>0</sub>           |        |
|       | ✓ 8  | 4    | F <sub>0</sub>           |        |
|       | ✓ 9  | 7.   | K <sub>0</sub>           |        |
|       | ✓ 10 | 3    | F <sub>0</sub>           |        |
|       | ✓ 11 | 3    | G <sub>5</sub>           |        |
|       | ✓ 12 | 2    | G <sub>0</sub>           |        |
|       | ✓ 13 | 2    | G <sub>3</sub>           |        |
|       | ✓ 14 | 3    | F <sub>5</sub>           |        |
|       | ✓ 15 | 5    | F <sub>5</sub>           |        |
|       | ✓ 16 | 6    | F <sub>0</sub>           |        |
|       | ✓ 17 | 6    | A <sub>5</sub>           |        |
|       | ✓ 18 | 7    | A <sub>5</sub>           |        |
|       | ✓ 19 | 3    | K <sub>0</sub>           |        |
|       | ✓ 20 | 7    | K <sub>0</sub>           |        |
|       | ✓ 21 | 3    | K <sub>2</sub>           |        |
|       | ✓ 22 | 4    | K <sub>2</sub>           |        |
|       | ✓ 23 | 5    | K <sub>2</sub>           |        |
|       | ✓ 24 | 7    | G <sub>5</sub>           |        |
|       | ✓ 25 | 8    | G <sub>5</sub>           |        |
|       | ✓ 26 | 10   | B <sub>8</sub>           |        |
|       | ✓ 27 | 3    | F <sub>8</sub>           |        |

|    |                       |      |    |      |    |    |       |
|----|-----------------------|------|----|------|----|----|-------|
| 1  | -0°                   | 4601 | 23 | 53.0 | -0 | 36 | 9.1 ✓ |
| 2  | -0°                   | 4603 | 23 | 53.2 | -0 | 34 | 8.1 ✓ |
| 3  | -0°                   | 4609 | 23 | 54.7 | -0 | 24 | 8.9 ✓ |
| 4  | -0°                   | 4608 | 23 | 54.5 | -0 | 40 | 9.0 ✓ |
| 5  | -1°                   | 4517 | 23 | 54.3 | -1 | 0  | 8.7 ✓ |
| 6  | -1°                   | 4518 | 23 | 54.8 | -1 | 18 | 9.0 ✓ |
| 7  | -1°                   | 4520 | 23 | 55.6 | -1 | 44 | 8.0 ✓ |
| 8  | -1°                   | 4524 | 23 | 57.2 | -1 | 52 | 8.7 ✓ |
| 9  | -1°                   | 4525 | 23 | 57.7 | -1 | 18 | 7.0 ✓ |
| 10 | -0°                   | 4616 | 23 | 57.3 | -0 | 45 | 8.5 ✓ |
| 11 | <del>-0°</del><br>+0° | 4619 | 23 | 58.7 | -0 | 41 | 8.2 ✓ |
| 12 | +0°                   | 5085 | 23 | 57.6 | +0 | 14 | 8.8 ✓ |
| 13 | -0°                   | 3    | 0  | 0.5  | -0 | 2  | 9.0 ✓ |
| 14 | -0°                   | 2    | 0  | 0.4  | -0 | 41 | 9.2 ✓ |
| 15 | -0°                   | 8    | 0  | 2.0  | -0 | 44 | 8.7 ✓ |
| 16 | -1°                   | 9    | 0  | 4.6  | -1 | 3  | 8.3 ✓ |
| 17 | -0°                   | 21   | 0  | 6.6  | -0 | 50 | 8.3 ✓ |
| 18 | -1°                   | 14   | 0  | 7.4  | -1 | 7  | 8.0 ✓ |
| 19 | -1°                   | 15   | 0  | 7.5  | -1 | 50 | 8.0 ✓ |
| 20 | -2°                   | 19   | 0  | 5.2  | -2 | 2  | 7.0 ✓ |
| 21 | -1°                   | 7    | 0  | 4.1  | -1 | 55 | 8.0 ✓ |
| 22 | -2°                   | 10   | 0  | 3.5  | -2 | 53 | 8.1 ✓ |
| 23 | -3°                   | 9    | 0  | 2.5  | -3 | 22 | 7.4 ✓ |
| 24 | -3°                   | 5    | 0  | 1.3  | -3 | 1  | 7.4 ✓ |
| 25 | -3°                   | 3    | 0  | 0.8  | -3 | 15 | 6.5 ✓ |
| 26 | -3°                   | 2    | 0  | 0.3  | -3 | 21 | 6.8 ✓ |
| 27 | -2°                   | 6098 | 23 | 58.8 | -2 | 42 | 8.5 ✓ |



Monday, July 13, 1914  
 13 14 15 6 short

| No.  | Int.            | Class.         | Remark     |
|------|-----------------|----------------|------------|
| ✓ 28 | 1               | K <sub>0</sub> |            |
| ✓ 29 | 2               | K <sub>0</sub> |            |
| ✓ 30 | 5               | G <sub>5</sub> |            |
| ✓ 31 | 3               | K <sub>2</sub> |            |
| ✓ 32 | 5               | G <sub>0</sub> |            |
| ✓ 33 | 6               | F <sub>8</sub> |            |
| ✓ 34 | 5               | K <sub>0</sub> |            |
| ✓ 35 | 6               | F <sub>2</sub> |            |
| ✓ 36 | 5               | A <sub>5</sub> |            |
| ✓ 37 | 9               | A <sub>3</sub> |            |
| ✓ 38 | 10 <sup>+</sup> | A              | Burned out |
| ✓ 39 | 5               | K <sub>2</sub> |            |
| ✓ 40 | 7               | F <sub>0</sub> |            |
| ✓ 41 | 10              | K <sub>0</sub> |            |
| ✓ 42 | 4               | F <sub>8</sub> |            |
| ✓ 43 | 7               | F <sub>0</sub> |            |
| ✓ 44 | 4               | G <sub>5</sub> |            |
| ✓ 45 | 2               | G <sub>5</sub> |            |
| ✓ 46 | 2               | G <sub>0</sub> |            |
| ✓ 47 | 2               | G <sub>0</sub> |            |
| ✓ 48 | 2               | K <sub>5</sub> |            |
| ✓ 49 | 2               | G <sub>5</sub> |            |
| ✓ 50 | 4               | F <sub>8</sub> |            |
| ✓ 51 | 2               | K <sub>2</sub> |            |
| ✓ 52 | 7               | F <sub>8</sub> |            |
| ✓ 53 | 8               | K <sub>0</sub> |            |
| ✓ 54 | 4               | M <sub>a</sub> |            |

|    |     |      |    |      |    |    |     |   |
|----|-----|------|----|------|----|----|-----|---|
| 28 | -2° | 6097 | 23 | 58.8 | -2 | 58 | 9.0 | ✓ |
| 29 | -2° | 6094 | 23 | 58.1 | -2 | 38 | 8.3 | ✓ |
| 30 | -2° | 6091 | 23 | 57.9 | -2 | 36 | 8.0 | ✓ |
| 31 | -2° | 6099 | 23 | 58.9 | -2 | 2  | 8.0 | ✓ |
| 32 | -4° | 6025 | 23 | 59.5 | -4 | 26 | 8.4 | ✓ |
| 33 | -5° | 6117 | 23 | 59.4 | -5 | 9  | 8.3 | ✓ |
| 34 | -4° | 6019 | 23 | 58.0 | -4 | 39 | 7.8 | ✓ |
| 35 | -4° | 6013 | 23 | 55.9 | -4 | 57 | 8.0 | ✓ |
| 36 | -3° | 5752 | 23 | 55.4 | -3 | 43 | 8.7 | ✓ |
| 37 | -3° | 5750 | 23 | 54.6 | -3 | 34 | 7.2 | ✓ |
| 38 | -3° | 5749 | 23 | 54.4 | -3 | 50 | 5.3 | ✓ |
| 39 | -4° | 6003 | 23 | 53.1 | -4 | 7  | 8.3 | ✓ |
| 40 | -3° | 5741 | 23 | 52.1 | -3 | 39 | 7.3 | ✓ |
| 41 | -4° | 5996 | 23 | 51.2 | -4 | 22 | 5.2 | ✓ |
| 42 | -4° | 5992 | 23 | 51.0 | -4 | 10 | 8.5 | ✓ |
| 43 | -2° | 6071 | 23 | 52.1 | -2 | 39 | 7.2 | ✓ |
| 44 | -2° | 6072 | 23 | 52.4 | -2 | 55 | 8.1 | ✓ |
| 45 | -2° | 6067 | 23 | 50.6 | -2 | 47 | 8.7 | ✓ |
| 46 | -2° | 6068 | 23 | 51.1 | -2 | 30 | 8.4 | ✓ |
| 47 | -2° | 6073 | 23 | 52.4 | -2 | 0  | 8.8 | ✓ |
| 48 | -3° | 5738 | 23 | 50.6 | -3 | 10 | 8.7 | ✓ |
| 49 | -3° | 5736 | 23 | 49.6 | -3 | 25 | 8.8 | ✓ |
| 50 | -3° | 5735 | 23 | 49.6 | -3 | 47 | 8.8 | ✓ |
| 51 | -4° | 5989 | 23 | 50.7 | -4 | 47 | 8.7 | ✓ |
| 52 | -3° | 14   | 0  | 4.1  | -3 | 53 | 8.0 | ✓ |
| 53 | -4° | 7    | 0  | 3.7  | -4 | 8  | 6.8 | ✓ |
| 54 | -4° | 11   | 0  | 5.5  | -4 | 11 | 7.2 | ✓ |



Monday, July 13, 1914  
B 1415-6 short

| No.  | Int. | Class.         | Remark. |
|------|------|----------------|---------|
| ✓ 55 | 6    | K <sub>0</sub> |         |
| ✓ 56 | 4    | B <sub>9</sub> |         |
| ✓ 57 | 5    | K <sub>5</sub> |         |
| ✓ 58 | 3    | F <sub>8</sub> |         |
| ✓ 59 | 5    | K <sub>0</sub> |         |
| ✓ 60 | 4    | F <sub>8</sub> |         |
| ✓ 61 | 4    | G <sub>5</sub> |         |
| ✓ 62 | 7    | G <sub>5</sub> |         |
| ✓ 63 | 6    | K <sub>2</sub> |         |
| ✓ 64 | 8    | G <sub>5</sub> |         |
| ✓ 65 | 7    | K <sub>2</sub> |         |
| ✓ 66 | 8    | F <sub>8</sub> |         |
| ✓ 67 | 2    | F <sub>8</sub> |         |
| ✓ 68 | 3    | F <sub>8</sub> |         |
| ✓ 69 | 3    | F <sub>8</sub> |         |
| ✓ 70 | 1    | M <sub>a</sub> |         |
| ✓ 71 | 4    | F <sub>8</sub> |         |
| ✓ 72 | 8    | A <sub>2</sub> |         |
| ✓ 73 | 5    | G <sub>5</sub> |         |
| ✓ 74 | 8    | K <sub>0</sub> |         |
| ✓ 75 | 1    | K <sub>5</sub> |         |
| ✓ 76 | 2    | G <sub>5</sub> |         |
| ✓ 77 | 3    | A <sub>5</sub> |         |
| ✓ 78 | 2    | K <sub>5</sub> |         |
| ✓ 79 | 3.   | A <sub>3</sub> |         |
| ✓ 80 | 3    | G <sub>5</sub> |         |
| ✓ 81 | 2    | K <sub>2</sub> |         |

|    |              |    |   |      |    |    |      |
|----|--------------|----|---|------|----|----|------|
| 55 | $-4^{\circ}$ | 12 | 0 | 6.6  | -4 | 42 | 7.8✓ |
| 56 | $-4^{\circ}$ | 17 | 0 | 8.0  | -4 | 28 | 8.8✓ |
| 57 | $-3^{\circ}$ | 20 | 0 | 7.5  | -3 | 50 | 6.7✓ |
| 58 | $-3^{\circ}$ | 22 | 0 | 8.0  | -3 | 35 | 8.9✓ |
| 59 | $-3^{\circ}$ | 18 | 0 | 7.0  | -3 | 0  | 7.8✓ |
| 60 | $-2^{\circ}$ | 26 | 0 | 9.2  | -2 | 19 | 8.2✓ |
| 61 | $-2^{\circ}$ | 29 | 0 | 9.7  | -2 | 28 | 8.3✓ |
| 62 | $-2^{\circ}$ | 31 | 0 | 10.4 | -2 | 40 | 6.7✓ |
| 63 | $-2^{\circ}$ | 34 | 0 | 10.9 | -2 | 49 | 7.3✓ |
| 64 | $-3^{\circ}$ | 36 | 0 | 12.4 | -3 | 17 | 7.8✓ |
| 65 | $-3^{\circ}$ | 38 | 0 | 13.7 | -3 | 43 | 7.0✓ |
| 66 | $-4^{\circ}$ | 31 | 0 | 13.8 | -4 | 7  | 8.0✓ |
| 67 | $-4^{\circ}$ | 34 | 0 | 14.2 | -4 | 9  | 9.0✓ |
| 68 | $-4^{\circ}$ | 32 | 0 | 14.1 | -4 | 27 | 8.6✓ |
| 69 | $-4^{\circ}$ | 30 | 0 | 13.4 | -4 | 33 | 8.7✓ |
| 70 | $-4^{\circ}$ | 29 | 0 | 13.4 | -4 | 55 | 8.7✓ |
| 71 | $-4^{\circ}$ | 38 | 0 | 15.7 | -4 | 24 | 8.5✓ |
| 72 | $-4^{\circ}$ | 40 | 0 | 16.6 | -4 | 17 | 7.6✓ |
| 73 | $-3^{\circ}$ | 48 | 0 | 16.2 | -3 | 51 | 8.0✓ |
| 74 | $-3^{\circ}$ | 49 | 0 | 17.1 | -3 | 2  | 6.0✓ |
| 75 | $-2^{\circ}$ | 49 | 0 | 16.9 | -2 | 3  | 8.2✓ |
| 76 | $-1^{\circ}$ | 41 | 0 | 16.3 | -1 | 21 | 8.3✓ |
| 77 | $-1^{\circ}$ | 31 | 0 | 13.4 | -1 | 40 | 8.5✓ |
| 78 | $-0^{\circ}$ | 51 | 0 | 14.4 | -0 | 49 | 8.3✓ |
| 79 | $+0^{\circ}$ | 43 | 0 | 14.4 | +0 | 6  | 8.9✓ |
| 80 | $+0^{\circ}$ | 37 | 0 | 12.6 | +0 | 21 | 8.5✓ |
| 81 | $-0^{\circ}$ | 55 | 0 | 15.9 | -0 | 22 | 8.5✓ |



Monday, July 13, 1914

B 14156 short

No. Int. Class. Remark.

✓ 82 2 G<sub>0</sub>✓ 83 2 K<sub>0</sub>✓ 84 2 F<sub>0</sub>11:28 ✓ 85 3- K<sub>0</sub>✓ 86 3 F<sub>0</sub>✓ 87 3 G<sub>0</sub>✓ 88 3 G<sub>0</sub>✓ 89 1 K<sub>0</sub>✓ 90 3 K<sub>2</sub>✓ 91 3 A<sub>0</sub>

|    |     |      |    |      |    |    |     |   |
|----|-----|------|----|------|----|----|-----|---|
| 82 | -0° | 52   | 0  | 15.5 | -0 | 38 | 8.8 | ✓ |
| 83 | -0° | 56   | 0  | 16.4 | -0 | 41 | 8.3 | ✓ |
| 84 | -0° | 59   | 0  | 17.2 | -0 | 36 | 8.5 | ✓ |
| 85 | -0° | 62   | 0  | 18.7 | -0 | 22 | 8.3 | ✓ |
| 86 | +1° | 4832 | 23 | 59.4 | +1 | 3  | 8.7 | ✓ |
| 87 | +0° | 5087 | 23 | 59.9 | +0 | 51 | 8.9 | ✓ |
| 88 | +1° | 4825 | 23 | 57.7 | +1 | 34 | 8.8 | ✓ |
| 89 | +1° | 4824 | 23 | 57.1 | +1 | 26 | 8.8 | ✓ |
| 90 | +2° | 4749 | 23 | 57.2 | +2 | 8  | 8.2 | ✓ |
| 91 | +1° | 6    | 0  | 2.0  | +1 | 29 | 8.7 | ✓ |

Identified on cards by Amc. Sept. 8, 1914  
 Identified in book by J.C.M. Sept. 9, 1914  
 Identification compared, by G. R.B.









Monday, July 13, 1914  
 B 13921 short

No. Int. Class. Remark

11:34

|      |   |    |  |
|------|---|----|--|
| ✓ 1. | 3 | G5 |  |
| ✓ 2  | 1 | Mc |  |
| ✓ 3  | 3 | A2 |  |
| ✓ 4  | 1 | K5 |  |
| ✓ 5  | 2 | K5 |  |
| ✓ 6  | 3 | K0 |  |
| ✓ 7  | 2 | F8 |  |
| ✓ 8  | 3 | F8 |  |
| ✓ 9  | 3 | A2 |  |
| ✓ 10 | 3 | K0 |  |
| ✓ 11 | 4 | A0 |  |
| ✓ 12 | 2 | F8 |  |
| ✓ 13 | 2 | K5 |  |
| ✓ 14 | 2 | K2 |  |
| ✓ 15 | 5 | G0 |  |
| ✓ 16 | 4 | K2 |  |
| ✓ 17 | 1 | K2 |  |
| ✓ 18 | 3 | K2 |  |
| ✓ 19 | 1 | K5 |  |
| ✓ 20 | 2 | K2 |  |
| ✓ 21 | 3 | F8 |  |
| ✓ 22 | 4 | G5 |  |
| ✓ 23 | 4 | G0 |  |
| ✓ 24 | 1 | K0 |  |
| ✓ 25 | 2 | F8 |  |
| ✓ 26 | 2 | K0 |  |
| ✓ 27 | 2 | G5 |  |

|    |     |                           |    |                             |    |                              |                               |   |
|----|-----|---------------------------|----|-----------------------------|----|------------------------------|-------------------------------|---|
| 1  | +0° | 5085                      | 23 | 57.6                        | +0 | 14                           | 8.8                           | ✓ |
| 2  | +0° | 2                         | 0  | 0.2                         | +0 | 32                           | 9.1                           | ✓ |
| 3  | -0° | 3                         | 0  | 0.5                         | -0 | 2                            | 9.0                           | ✓ |
| 4  | -0° | 4620                      | 23 | 59.7                        | -0 | 28                           | 9.0                           | ✓ |
| 5  | -0° | 1                         | 0  | 0.2                         | -0 | 38                           | 9.0                           | ✓ |
| 6  | -0° | 7                         | 0  | 1.8                         | -0 | 44                           | 9.2                           | ✓ |
| 7  | -1° | 1                         | 0  | 1.4                         | -1 | 56                           | 8.8                           |   |
| 8  | -1° | 3                         | 0  | 1.8                         | -1 | 34                           | 9.0                           | ✓ |
| 9  | -1° | <del>2</del> <sup>1</sup> | 0  | <del>1.6</del> <sup>4</sup> | -1 | <del>4</del> <sup>56.0</sup> | <del>9.2</del> <sup>8.8</sup> |   |
| 10 | -2° | 3                         | 0  | 0.3                         | -2 | 9                            | 8.9                           | ✓ |
| 11 | -0° | 13                        | 0  | 4.2                         | -0 | 41                           | 9.2                           | ✓ |
| 12 | +0° | 9                         | 0  | 3.8                         | +0 | 28                           | 9.2                           | ✓ |
| 13 | +0° | 16                        | 0  | 5.8                         | +0 | 20                           | 9.0                           | ✓ |
| 14 | +0° | 17                        | 0  | 6.1                         | +0 | 3                            | 8.8                           | ✓ |
| 15 | +0° | 21                        | 0  | 6.6                         | +0 | 4                            | 8.7                           | ✓ |
| 16 | +1° | 10                        | 0  | 3.2                         | +1 | 29                           | 8.0                           | ✓ |
| 17 | +1° | 15                        | 0  | 3.8                         | +1 | 51                           | 8.8                           | ✓ |
| 18 | +1° | 30                        | 0  | 9.6                         | +1 | 33                           | 8.5                           | ✓ |
| 19 | +1° | 33                        | 0  | 9.9                         | +1 | 40                           | 9.0                           | ✓ |
| 20 | +1° | 35                        | 0  | 10.1                        | +1 | 31                           | 9.0                           | ✓ |
| 21 | +0° | 27                        | 0  | 10.2                        | +0 | 31                           | 9.0                           | ✓ |
| 22 | -0° | 32                        | 0  | 9.9                         | -0 | 13                           | 8.7                           | ✓ |
| 23 | -0° | 35                        | 0  | 10.4                        | -0 | 26                           | 8.6                           | ✓ |
| 24 | -0° | 36                        | 0  | 10.6                        | -0 | <del>21</del> <sup>21</sup>  | 9.3                           | ✓ |
| 25 | -0° | 40                        | 0  | 11.4                        | -0 | 44                           | 9.2                           | ✓ |
| 26 | -1° | 27                        | 0  | 12.3                        | -1 | 21                           | 9.3                           | ✓ |
| 27 | -0° | 46                        | 0  | 13.0                        | -0 | 42                           | 9.2                           | ✓ |



Monday, July 13, 1914  
B 13921 short

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

|    |     |      |    |      |                                |    |      |
|----|-----|------|----|------|--------------------------------|----|------|
| 28 | -0° | 45   | 0  | 13.0 | -0                             | 17 | 9.2✓ |
| 29 | +0° | 38   | 0  | 13.5 | +0                             | 6  | 9.2✓ |
| 30 | +0° | 39   | 0  | 13.5 | +0                             | 23 | 9.1✓ |
| 31 | -1° | 32   | 0  | 13.7 | -1                             | 4  | 9.3✓ |
| 32 | -1° | 34   | 0  | 14.0 | -1                             | 46 | 9.0✓ |
| 33 | -1° | 37   | 0  | 14.8 | -1                             | 46 | 9.0✓ |
| 34 | -0° | 54   | 0  | 15.8 | -0                             | 39 | 9.3✓ |
| 35 | -1° | 40   | 0  | 15.9 | -1                             | 5  | 9.3✓ |
| 36 | -1° | 42   | 0  | 16.5 | -1                             | 4  | 9.2✓ |
| 37 | +0° | 54   | 0  | 18.8 | +0                             | 22 | 8.3✓ |
| 38 | +0° | 48   | 0  | 16.5 | +0                             | 44 | 8.8✓ |
| 39 | -1° | 46   | 0  | 19.5 | -1                             | 43 | 8.0✓ |
| 40 | -2° | 57   | 0  | 20.5 | -2                             | 29 | 8.5✓ |
| 41 | -3° | 54   | 0  | 21.1 | -3                             | 18 | 9.0✓ |
| 42 | -3° | 57   | 0  | 22.2 | -3                             | 38 | 7.1✓ |
| 43 | -2° | 6093 | 23 | 58.0 | -2                             | 15 | 8.7✓ |
| 44 | -2° | 6090 | 23 | 57.7 | -2                             | 40 | 8.7✓ |
| 45 | -3° | 5761 | 23 | 59.8 | -3                             | 31 | 8.8✓ |
| 46 | -3° | 5760 | 23 | 59.6 | -3                             | 8  | 9.2✓ |
| 47 | -2° | 2    | 0  | 0.3  | <sup>-3</sup><br><del>-2</del> | 0  | 9.5✓ |
| 48 | -2° | 8    | 0  | 2.4  | -2                             | 59 | 9.5✓ |
| 49 | -2° | 16   | 0  | 4.4  | -2                             | 35 | 9.1✓ |
| 50 | -3° | 12   | 0  | 3.9  | -3                             | 17 | 9.1✓ |
| 51 | -3° | 13   | 0  | 4.0  | -3                             | 26 | 9.4✓ |
| 52 | -2° | 20   | 0  | 6.2  | -2                             | 49 | 9.3✓ |
| 53 | -1° | 12   | 0  | 6.8  | -1                             | 22 | 8.8✓ |
| 54 | -0° | 21   | 0  | 6.6  | -0                             | 50 | 8.3✓ |



Monday, July 13, 1914  
B 13921 short

| No.  | Int. | Class.         | Remark |
|------|------|----------------|--------|
| ✓ 55 | 1    | K <sub>5</sub> |        |
| ✓ 56 | 4    | F <sub>8</sub> |        |
| ✓ 57 | 2    | F <sub>0</sub> |        |
| ✓ 58 | 2    | Ma             |        |
| ✓ 59 | 2    | G <sub>5</sub> |        |
| ✓ 60 | 2    | G <sub>5</sub> |        |
| ✓ 61 | 1    | K <sub>5</sub> |        |
| ✓ 62 | 3    | G <sub>5</sub> |        |
| ✓ 63 | 1    | K <sub>5</sub> |        |
| ✓ 64 | 2    | K <sub>2</sub> |        |
| ✓ 65 | 4    | F <sub>8</sub> |        |
| ✓ 66 | 2    | K <sub>2</sub> |        |
| ✓ 67 | 2    | F <sub>8</sub> |        |
| ✓ 68 | 2    | G <sub>5</sub> |        |
| ✓ 69 | 2    | G <sub>0</sub> |        |
| ✓ 70 | 3    | G <sub>0</sub> |        |
| ✓ 71 | 1    | K <sub>0</sub> |        |
| ✓ 72 | 1    | F <sub>8</sub> |        |
| ✓ 73 | 2    | F <sub>8</sub> |        |
| ✓ 74 | 3    | G <sub>5</sub> |        |
| ✓ 75 | 3    | K <sub>0</sub> |        |
| ✓ 76 | 1    | K <sub>2</sub> |        |
| ✓ 77 | 3    | F <sub>8</sub> |        |
| ✓ 78 | 6    | F <sub>5</sub> |        |
| ✓ 79 | 2    | K <sub>2</sub> |        |
| ✓ 80 | 3    | K <sub>2</sub> |        |
| ✓ 81 | 7    | A <sub>0</sub> |        |

|    |     |    |   |      |    |    |      |
|----|-----|----|---|------|----|----|------|
| 55 | -0° | 26 | 0 | 8.3  | -0 | 41 | 9.2✓ |
| 56 | -0° | 28 | 0 | 8.9  | -0 | 45 | 8.7✓ |
| 57 | -1° | 24 | 0 | 10.9 | -1 | 32 | 9.5✓ |
| 58 | -1° | 20 | 0 | 9.7  | -1 | 53 | 9.0✓ |
| 59 | -1° | 21 | 0 | 10.0 | -1 | 53 | 9.0✓ |
| 60 | -1° | 23 | 0 | 10.3 | -1 | 50 | 9.0✓ |
| 61 | -2° | 33 | 0 | 10.7 | -2 | 9  | 9.5✓ |
| 62 | -2° | 36 | 0 | 12.1 | -2 | 4  | 9.0✓ |
| 63 | -2° | 37 | 0 | 12.5 | -2 | 27 | 9.4✓ |
| 64 | -2° | 39 | 0 | 12.6 | -2 | 58 | 9.3✓ |
| 65 | -3° | 41 | 0 | 13.9 | -3 | 32 | 9.3✓ |
| 66 | -3° | 37 | 0 | 13.6 | -3 | 52 | 9.0✓ |
| 67 | -4° | 28 | 0 | 12.6 | -4 | 6  | 9.5✓ |
| 68 | -4° | 26 | 0 | 11.9 | -4 | 25 | 9.3✓ |
| 69 | -4° | 25 | 0 | 10.6 | -4 | 10 | 9.1✓ |
| 70 | -3° | 30 | 0 | 10.1 | -3 | 41 | 9.0✓ |
| 71 | -3° | 32 | 0 | 10.9 | -3 | 26 | 9.4✓ |
| 72 | -3° | 34 | 0 | 11.1 | -3 | 21 | 9.5✓ |
| 73 | -3° | 33 | 0 | 11.1 | -3 | 14 | 9.5✓ |
| 74 | -3° | 46 | 0 | 16.0 | -3 | 18 | 9.2✓ |
| 75 | -4° | 42 | 0 | 17.3 | -4 | 1  | 9.1✓ |
| 76 | -4° | 41 | 0 | 17.3 | -4 | 16 | 9.3✓ |
| 77 | -4° | 44 | 0 | 18.3 | -4 | 31 | 9.3✓ |
| 78 | -4° | 43 | 0 | 18.0 | -4 | 48 | 8.7✓ |
| 79 | -5° | 59 | 0 | 17.4 | -5 | 4  | 9.0✓ |
| 80 | -5° | 61 | 0 | 17.9 | -5 | 11 | 8.9✓ |
| 81 | -5° | 60 | 0 | 17.6 | -5 | 19 | 8.5✓ |



Monday, July 13, 1914  
B 13921 short

| No.  | Int. | Class. | Remark |
|------|------|--------|--------|
| ✓ 82 | 6    | Mb     |        |
| ✓ 83 | 4    | F5     |        |
| ✓ 84 | 1    | K2     |        |
| ✓ 85 | 1    | G5     |        |
| ✓ 86 | 2    | F8     |        |
| ✓ 87 | 3    | F8     |        |
| ✓ 88 | 3    | K0     |        |
| ✓ 89 | 2    | F5     |        |
| ✓ 90 | 2    | K5     |        |
| ✓ 91 | 2    | F8     |        |
| ✓ 92 | 5    | K2     |        |
| ✓ 93 | 4    | K2     |        |
| ✓ 94 | 2    | F5     |        |
| 95   |      |        |        |
| 96   |      |        |        |

11:49

95.7 F8 focus poor.

|    |     |                |   |      |    |    |      |
|----|-----|----------------|---|------|----|----|------|
| 82 | -5° | 58             | 0 | 17.1 | -5 | 27 | 7.8✓ |
| 83 | -5° | 56             | 0 | 16.8 | -5 | 18 | 8.6✓ |
| 84 | -4° | 39             | 0 | 16.4 | -4 | 56 | 8.8✓ |
| 85 | -5° | 53             | 0 | 15.8 | -5 | 22 | 9.2✓ |
| 86 | -5° | 51             | 0 | 15.3 | -5 | 19 | 9.0✓ |
| 87 | -4° | 23             | 0 | 10.3 | -4 | 42 | 9.0✓ |
| 88 | -5° | 35             | 0 | 9.8  | -5 | 15 | 8.5✓ |
| 89 | -5° | 31             | 0 | 9.2  | -5 | 47 | 9.1✓ |
| 90 | -5° | 27             | 0 | 8.2  | -5 | 49 | 8.7✓ |
| 91 | -4° | 10             | 0 | 4.7  | -4 | 49 | 9.1✓ |
| 92 | -6° | 19             | 0 | 5.8  | -6 | 3  | 8.0✓ |
| 93 | -5° | 17             | 0 | 4.2  | -5 | 52 | 8.2✓ |
| 94 | -4° | 5 <sup>H</sup> | 0 | 2.3  | -4 | 29 | 9.2✓ |

Identified on cards by Amc. Sept. 8, 1914

Identified in book by Jb M. Sept. 9, 1914.

Identification compared by S. R. B.

✓ 95 - 2 26 0 9.2 - 2, 8 8.2 60 m B. 4158





1914pae:proj.21760



Monday July 13, 1914

B 24592 short

| 11:52 | No.  | Int. | Class          | Remark           |
|-------|------|------|----------------|------------------|
|       | ✓ 1. | 2    | Go             | Preceding of two |
|       | ✓ 2. | 3    | Go             |                  |
|       | ✓ 3  | 1    | Ko             |                  |
|       | ✓ 4  | 1    | Fr             |                  |
|       | ✓ 5  | 5    | Fr             |                  |
|       | ✓ 6  | 4    | Go             |                  |
|       | ✓ 7  | 3    | Fr             |                  |
|       | ✓ 8  | 1    | Fr             |                  |
|       | ✓ 9  | 1    | Ko             |                  |
|       | ✓ 10 | 2    | Fr             |                  |
|       | ✓ 11 | 3    | Ko             |                  |
|       | ✓ 12 | 2    | Fr             |                  |
|       | ✓ 13 | 7    | Fr             |                  |
|       | ✓ 14 | 5    | Ko             |                  |
|       | ✓ 15 | 6    | Fr             |                  |
|       | ✓ 16 | 4    | Ko             |                  |
|       | ✓ 17 | 1    | Go             |                  |
|       | ✓ 18 | 2    | Fr             |                  |
|       | ✓ 19 | 2    | Fr             |                  |
|       | ✓ 20 | 1    | Ko             |                  |
|       | ✓ 21 | 4    | Ko             |                  |
|       | ✓ 22 | 3    | Fr             |                  |
|       | ✓ 23 | 2    | K <sub>2</sub> |                  |
|       | ✓ 24 | 3    | Go             |                  |
|       | ✓ 25 | 3    | Ko             |                  |
|       | ✓ 26 | 1    | Go             |                  |
|       | ✓ 27 | 3    | Fr             |                  |

|    |                 |    |      |    |     |     |   |
|----|-----------------|----|------|----|-----|-----|---|
| 1  | +1° 4808        | 23 | 50.9 | +1 | 28  | 9.0 | ✓ |
| 2  | +1° 4809        | 23 | 51.0 | +1 | 20  | 9.3 | ✓ |
| 3  | +1° 4810        | 23 | 51.8 | +1 | 20  | 9.3 | ✓ |
| 4  | +1° 4811        | 23 | 52.2 | +1 | 25  | 9.5 | ✓ |
| 5  | +1° 4813        | 23 | 52.4 | +1 | 3   | 9.0 | ✓ |
| 6  | +0° 5079        | 23 | 52.8 | +0 | 58  | 9.1 | ✓ |
| 7  | +1° 4817        | 23 | 53.3 | +1 | 31  | 9.2 | ✓ |
| 8  | +1° 4816        | 23 | 53.3 | +1 | 13  | 9.5 | ✓ |
| 9  | +1° 4818        | 23 | 53.7 | +1 | 36  | 9.5 | ✓ |
| 10 | +1° 4819        | 23 | 53.8 | +1 | 112 | 9.5 | ✓ |
| 11 | +0° 5078        | 23 | 52.7 | +0 | 31  | 9.1 | ✓ |
| 12 | Approx 1855 pos | 23 | 52.8 | +0 | 28  | 9.1 | ✓ |
| 13 | +0° 5077        | 23 | 52.6 | +0 | 17  | 9.0 | ✓ |
| 14 | +0° 5080        | 23 | 53.1 | +0 | 15  | 8.8 | ✓ |
| 15 | -0° 4601        | 23 | 53.0 | -0 | 36  | 9.1 | ✓ |
| 16 | -0° 4606        | 23 | 54.0 | -0 | 30  | 8.8 | ✓ |
| 17 | Approx 1855 pos | 23 | 53.9 | -0 | 33  | 9.1 | ✓ |
| 18 | -0° 4610        | 23 | 54.8 | -0 | 20  | 9.3 | ✓ |
| 19 | -0° 4614        | 23 | 56.4 | -0 | 2   | 9.3 | ✓ |
| 20 | -0° 4613        | 23 | 51.3 | -0 | 11  | 9.3 | ✓ |
| 21 | +0° 5082        | 23 | 56.2 | +0 | 17  | 9.0 | ✓ |
| 22 | -0° 4612        | 23 | 53.9 | -0 | 58  | 9.0 | ✓ |
| 23 | -0° 4615        | 23 | 56.8 | -0 | 119 | 9.0 | ✓ |
| 24 | -1° 4576        | 23 | 54.3 | -1 | 57  | 9.0 | ✓ |
| 25 | -2° 6084        | 23 | 56.3 | -2 | 22  | 8.8 | ✓ |
| 26 | -1° 4523        | 23 | 56.7 | -1 | 46  | 9.3 | ✓ |
| 27 | -2° 6080        | 23 | 54.9 | -2 | 57  | 9.1 | ✓ |



Monday, July 13, 1914  
B 24592 short

| No.  | Int.           | Class | Remark |
|------|----------------|-------|--------|
| ✓ 28 | 3              | go    |        |
| ✓ 29 | 1              | Ko    |        |
| ✓ 30 | 3              | go    |        |
| ✓ 31 | 3              | go    |        |
| ✓ 32 | 3 <del>4</del> | R     |        |
| ✓ 33 | 3              | go    |        |
| ✓ 34 | 2              | Ko    |        |
| ✓ 35 | 2              | K2    |        |
| ✓ 36 | 1              | go    |        |
| ✓ 37 | 1              | K2    |        |
| ✓ 38 | 1              | Ko    |        |
| ✓ 39 | 3              | Ko    |        |
| ✓ 40 | 1              | Ko    |        |
| ✓ 41 | 1              | Ko    |        |
| ✓ 42 | 1              | K2    |        |
| ✓ 43 | 1              | Ko    |        |
| ✓ 44 | 3              | go    |        |
| ✓ 45 | 1              | Ko    |        |
| ✓ 46 | 2              | go    |        |
| ✓ 47 | 2              | go    |        |
| ✓ 48 | 2              | do    |        |
| ✓ 49 | 3              | Ko    |        |
| ✓ 50 | 1              | Ko    |        |
| ✓ 51 | 3              | go    |        |
| ✓ 52 | 4              | go    |        |
| ✓ 53 | 2              | go    |        |
| ✓ 54 | 2              | R     |        |

11:59

|    |           |    |         |    |     |   |
|----|-----------|----|---------|----|-----|---|
| 28 | -3° 5746  | 23 | 53.8 -3 | 9  | 8.8 | ✓ |
| 29 | -3° 5748  | 23 | 53.9 -3 | 22 | 9.5 | ✓ |
| 30 | -3° 5744  | 23 | 53.1 -3 | 12 | 9.1 | ✓ |
| 31 | -3° 5742  | 23 | 52.8 -3 | 45 | 9.3 | ✓ |
| 32 | -3° 5751  | 23 | 54.7 -3 | 28 | 9.2 | ✓ |
| 33 | -4° 6006  | 23 | 51.6 -4 | 5  | 9.2 | ✓ |
| 34 | -4° 6007  | 23 | 55.3 -4 | 12 | 9.2 | ✓ |
| 35 | -4° 6014  | 23 | 56.3 -4 | 14 | 9.0 | ✓ |
| 36 | -3° 5755  | 23 | 56.5 -3 | 50 | 9.5 | ✓ |
| 37 | -3° 5754  | 23 | 56.5 -3 | 22 | 9.5 | ✓ |
| 38 | -3° 5738  | 23 | 58.9 -3 | 19 | 9.4 | ✓ |
| 39 | +0° 5038  | 23 | 35.8 +0 | 18 | 9.1 | ✓ |
| 40 | +0° 5043  | 23 | 38.4 +0 | 12 | 9.3 | ✓ |
|    | 5048      | 23 | 39.8 +0 | 21 | 9.2 | ✓ |
| 41 | +0° 5046  | 23 | 39.1 +0 | 16 | 9.5 | ✓ |
|    | 5049      | 23 | 40.1 +0 | 22 | 9.2 | ✓ |
| 42 | +0° 5048  | 23 | 39.8 +0 | 21 | 9.2 | ✓ |
| 43 | +0° 5050  | 23 | 40.2 +0 | 3  | 9.3 | ✓ |
| 44 | +0° 5053  | 23 | 41.7 +0 | 1  | 9.3 | ✓ |
| 45 | -0° 4568  | 23 | 40.3 -0 | 86 | 9.3 | ✓ |
| 46 | -0° 4571  | 23 | 42.0 -0 | 56 | 9.3 | ✓ |
| 47 | -1° 46191 | 23 | 42.7 -1 | 7  | 9.2 | ✓ |
| 48 | -0° 4576  | 23 | 43.5 -0 | 58 | 9.5 | ✓ |
| 49 | +0° 5065  | 23 | 45.1 +0 | 16 | 9.2 | ✓ |
| 50 | -0° 4578  | 23 | 45.4 -0 | 5  | 9.2 | ✓ |
| 51 | -0° 4579  | 23 | 45.5 -0 | 12 | 9.2 | ✓ |
| 52 | -0° 4583  | 23 | 46.7 -0 | 24 | 9.0 | ✓ |
| 53 | -0° 4582  | 23 | 46.7 -0 | 35 | 9.2 | ✓ |
| 54 | -0° 4587  | 23 | 48.0 -0 | 10 | 9.3 | ✓ |



Tuesday, July 14, 1914  
B 24592 short

|       | No.  | Ints. | Class          | Remark |
|-------|------|-------|----------------|--------|
| 10:25 | ✓ 55 | 4     | K <sub>0</sub> |        |
|       | ✓ 56 | 1     | G <sub>0</sub> |        |
|       | ✓ 57 | 1     | F <sub>5</sub> |        |
|       | ✓ 58 | 4     | F <sub>5</sub> |        |
|       | ✓ 59 | 2     | F <sub>5</sub> |        |
|       | ✓ 60 | 2     | F <sub>5</sub> |        |
|       | ✓ 61 | 3     | G <sub>0</sub> |        |
|       | ✓ 62 | 1     | G <sub>5</sub> |        |
|       | ✓ 63 | 3     | K <sub>0</sub> | E      |
|       | ✓ 64 | 5     | K <sub>2</sub> | E      |
|       | ✓ 65 | 2     | F <sub>5</sub> | E      |
|       | ✓ 66 | 6     | F <sub>5</sub> | E      |
|       | ✓ 67 | 2     | K <sub>2</sub> | E      |
|       | ✓ 68 | 3     | F <sub>5</sub> | E      |
|       | ✓ 69 | 1     | G <sub>5</sub> |        |
|       | ✓ 70 | 1     | G <sub>5</sub> |        |
|       | ✓ 71 | 2     | F <sub>5</sub> |        |
|       | ✓ 72 | 1     | K <sub>5</sub> |        |
|       | ✓ 73 | 1     | G <sub>0</sub> |        |
|       | ✓ 74 | 1     | G <sub>5</sub> |        |
|       | ✓ 75 | 1     | K <sub>2</sub> |        |
|       | ✓ 76 | 1     | K <sub>5</sub> |        |
|       | ✓ 77 | 2     | G <sub>5</sub> |        |
|       | ✓ 78 | 1     | K <sub>0</sub> |        |
|       | ✓ 79 | 1     | F <sub>5</sub> |        |
|       | ✓ 80 | 3     | G <sub>0</sub> |        |
|       | ✓ 81 | 5     | F <sub>5</sub> |        |

|    |                   |    |         |     |     |   |
|----|-------------------|----|---------|-----|-----|---|
| 55 | -0° 4588          | 23 | 48.2 -0 | 6   | 9.0 | ✓ |
| 56 | -0° 4591          | 23 | 48.6 -0 | 8   | 9.2 | ✓ |
| 57 | +0° 5070          | 23 | 48.9 +0 | 2   | 9.3 | ✓ |
| 58 | -0° 4593          | 23 | 49.2 -0 | 8   | 9.0 | ✓ |
| 59 | -0° 4595          | 23 | 49.9 -0 | 7   | 9.3 | ✓ |
| 60 | +0° 5072          | 23 | 50.7 +0 | 11  | 9.5 | ✓ |
| 61 | +0° 5075          | 23 | 51.2 +0 | 57  | 9.5 | ✓ |
| 62 | +0° 5074          | 23 | 50.9 +0 | 46  | 9.5 | ✓ |
| 63 | +2° 4741          | 23 | 51.4 +2 | 22  | 8.8 | ✓ |
| 64 | +2° 4730          | 23 | 47.9 +2 | 26  | 8.5 | ✓ |
| 65 | +2° 4729          | 23 | 47.5 +2 | 30  | 9.3 | ✓ |
| 66 | +2° 4748          | 23 | 53.6 +2 | 34  | 8.5 | ✓ |
| 67 | +2° 4750          | 23 | 57.8 +2 | 12  | 9.0 | ✓ |
| 68 | +2° 5             | 0  | 1.0 +2  | 12  | 9.3 | ✓ |
| 69 | +0° 5086          | 23 | 59.8 +0 | 13  | 9.5 | ✓ |
| 70 | Approx. 1855 pos. | 23 | 59.9 -0 | 7   |     | ✓ |
| 71 | -0° 10            | 0  | 8.1 -0  | 2   | 9.2 | ✓ |
| 72 | +0° 7             | 0  | 1.4 +0  | 27  | 9.3 | ✓ |
| 73 | -1° 4526          | 23 | 58.0 -1 | 38  | 9.5 | ✓ |
| 74 | -1° 4519          | 23 | 54.9 -1 | 10  | 9.5 | ✓ |
| 75 | -0° 4607          | 23 | 54.2 -0 | 56  | 9.5 | ✓ |
| 76 | -1° 4611          | 23 | 57.4 -1 | 42  | 9.5 | ✓ |
| 77 | -1° 4610          | 23 | 57.0 -1 | 53  | 9.5 | ✓ |
| 78 | Approx. 1855 pos. | 23 | 50.6 -1 | 58  |     | ✓ |
| 79 | -1° 4509          | 23 | 50.5 -1 | 51  | 9.5 | ✓ |
| 80 | -1° 4507          | 23 | 49.8 -1 | 28  | 9.2 | ✓ |
| 81 | -1° 4506          | 23 | 49.4 -1 | 124 | 9.0 | ✓ |



Tuesday, July 14, 1914  
B 24592 short

| No.   | Int. | Class.         | Remark                |
|-------|------|----------------|-----------------------|
| ✓ 82  | 5    | K <sub>0</sub> |                       |
| ✓ 83  | 2    | F <sub>8</sub> |                       |
| ✓ 84  | 4    | F <sub>8</sub> |                       |
| ✓ 85  | 4    | F <sub>5</sub> | Appears faint. comp.? |
| ✓ 86  | 1    | K <sub>5</sub> |                       |
| ✓ 87  | 2    | F <sub>5</sub> |                       |
| ✓ 88  | 5    | K <sub>0</sub> |                       |
| ✓ 89  | 3    | F <sub>5</sub> |                       |
| ✓ 90  | 1    | K <sub>0</sub> |                       |
| ✓ 91  | 2    | F <sub>8</sub> |                       |
| ✓ 92  | 2    | F <sub>5</sub> |                       |
| ✓ 93  | 1    | K <sub>2</sub> |                       |
| ✓ 94  | 1    | F <sub>8</sub> |                       |
| ✓ 95  | 4    | K <sub>2</sub> |                       |
| ✓ 96  | 1    | F <sub>8</sub> |                       |
| ✓ 97  | 1    | F <sub>5</sub> |                       |
| ✓ 98  | 1    | F <sub>5</sub> |                       |
| ✓ 99  | 2    | G <sub>0</sub> |                       |
| ✓ 100 | 1    | G <sub>5</sub> |                       |
| ✓ 101 | 3    | G <sub>5</sub> |                       |
| ✓ 102 | 2    | F <sub>8</sub> |                       |
| ✓ 103 | 2    | G <sub>5</sub> |                       |
| ✓ 104 | 4    | F <sub>8</sub> |                       |
| ✓ 105 | 6    | G <sub>0</sub> |                       |
| ✓ 106 | 10   | G <sub>0</sub> |                       |
| ✓ 107 | 1    | K <sub>5</sub> |                       |
| ✓ 108 | 2    | F <sub>8</sub> |                       |

|     |                   |    |         |                  |   |
|-----|-------------------|----|---------|------------------|---|
| 82  | -1° 4504          | 23 | 49.0 -1 | 45 8.5           | ✓   |
| 83  | -1° 4505          | 23 | 49.0 -1 | 24 9.0           | ✓   |
| 84  | -1° 4502          | 23 | 48.4 -1 | 22 9.0           | ✓   |
| 85  | -1° 4501          | 23 | 47.9 -1 | 53 9.0           | ✓   |
| 86  | -2° 6060          | 23 | 47.9 -2 | 23 9.2           | ✓   |
| 87  | -2° 6057          | 23 | 46.4 -2 | 5 9.4            | ✓   |
| 88  | -2° 6056          | 23 | 46.2 -2 | 28 8.7           | -2° 6055 23 46.2 -2 27 9.4 <sup>sub</sup> |
| 89  | -2° 6052          | 23 | 45.7 -2 | 22 9.2           | ✓   |
| 90  | -2° 6051          | 23 | 45.5 -2 | 32 9.2           | ✓   |
| 91  | -1° 4494          | 23 | 45.0 -1 | 58 9.5           | ✓   |
| 92  | -1° 4495          | 23 | 45.3 -1 | 39 9.2           | ✓   |
| 93  | Approx. 1955 pos. | 23 | 45.4 -1 | 50               | ✓   |
| 94  | -1° 4497          | 23 | 47.0 -1 | 34 9.3           | ✓   |
| 95  | -1° 4498          | 23 | 47.2 -1 | 24 9.0           | ✓   |
| 96  | -1° 4499          | 23 | 47.2 -1 | 26 9.5           | ✓   |
| 97  | Approx. 1955      | 23 | 47.2 -1 | <del>43</del> 45 | ✓   |
| 98  | Approx. 1955      | 23 | 47.4 -1 | 35               | ✓   |
| 99  | -0° 4589          | 23 | 48.2 -0 | 59 9.0           | ✓   |
| 100 | -1° 4503          | 23 | 48.5 -1 | 6 9.2            | ✓   |
| 101 | -0° 4594          | 23 | 49.5 -0 | 39 9.1           | ✓   |
| 102 | -0° 4586          | 23 | 47.5 -0 | 47 9.3           | ✓   |
| 103 | +0° 5069          | 23 | 48.7 +0 | 45 9.0           | ✓   |
| 104 | +1° 4801          | 23 | 47.4 +1 | 1 9.2            | ✓   |
| 105 | +0° 5066          | 23 | 46.1 +0 | 53 8.6           | ✓   |
| 106 | +1° 4799          | 23 | 47.0 +1 | 40 8.2           | ✓   |
| 107 | +0° 5063          | 23 | 44.7 +0 | 42 9.2           | ✓   |
| 108 | +0° 5059          | 23 | 43.7 +0 | 46 9.1           | ✓   |



Tuesday, July 14, 1914

B 24592 short

| No.   | Int. | Class.         | Remark |
|-------|------|----------------|--------|
| ✓ 109 | 1    | G <sub>0</sub> |        |
| ✓ 110 | 1    | G <sub>5</sub> |        |
| ✓ 111 | 2    | K <sub>0</sub> | 1      |
| ✓ 112 | 2    | F <sub>0</sub> |        |
| ✓ 113 | 3    | G <sub>0</sub> |        |
| ✓ 114 | 1    | G <sub>0</sub> |        |
| ✓ 115 | 1    | K <sub>0</sub> |        |
| ✓ 116 | 5    | K <sub>0</sub> |        |
| ✓ 117 | 4    | K <sub>2</sub> |        |
| ✓ 118 | 3    | K <sub>0</sub> |        |
| ✓ 119 | 2    | G <sub>5</sub> |        |
| ✓ 120 | 2    | G <sub>0</sub> |        |
| ✓ 121 | 1    | G <sub>0</sub> |        |
| ✓ 122 | 1    | F <sub>5</sub> | 1      |
| ✓ 123 | 4    | F <sub>0</sub> |        |
| ✓ 124 | 1    | F <sub>5</sub> |        |
| ✓ 125 | 6    | K <sub>5</sub> |        |
| ✓ 126 | 1    | K <sub>2</sub> |        |
| ✓ 127 | 2    | F <sub>5</sub> |        |
| ✓ 128 | 3    | K <sub>0</sub> |        |
| ✓ 129 | 4    | G <sub>5</sub> |        |
| ✓ 130 | 1    | K <sub>0</sub> |        |
| ✓ 131 | 1    | G <sub>0</sub> |        |
| ✓ 132 | 3    | F <sub>2</sub> |        |
| ✓ 133 | 4    | K <sub>0</sub> |        |
| ✓ 134 | 2    | F <sub>8</sub> | 1      |
| ✓ 135 | 1    | K <sub>0</sub> |        |

|     |          |    |         |    |     |   |
|-----|----------|----|---------|----|-----|---|
| 109 | -0° 4580 | 23 | 46.2 -0 | 36 | 9.4 | ✓ |
| 110 | -1° 4492 | 23 | 43.1 -1 | 19 | 9.5 | ✓ |
| 111 | -2° 6049 | 23 | 43.7 -2 | 45 | 8.9 | ✓ |
| 112 | -2° 6047 | 23 | 43.1 -2 | 53 | 9.3 | ✓ |
| 113 | -3° 5713 | 23 | 42.3 -3 | 22 | 9.1 | ✓ |
| 114 | -3° 5714 | 23 | 42.4 -3 | 33 | 9.5 | ✓ |
| 115 | -3° 5717 | 23 | 43.3 -3 | 27 | 9.4 | ✓ |
| 116 | -3° 5718 | 23 | 43.7 -3 | 20 | 8.5 | ✓ |
| 117 | -3° 5719 | 23 | 44.2 -3 | 21 | 9.0 | ✓ |
| 118 | -3° 5720 | 23 | 45.1 -3 | 10 | 8.9 | ✓ |
| 119 | -3° 5722 | 23 | 45.5 -3 | 24 | 9.3 | ✓ |
| 120 | -3° 5724 | 23 | 45.7 -3 | 23 | 9.4 | ✓ |
| 121 | -3° 5725 | 23 | 45.8 -3 | 11 | 9.5 | ✓ |
| 122 | -2° 6053 | 23 | 45.9 -2 | 58 | 9.7 | ✓ |
| 123 | -3° 5727 | 23 | 46.5 -3 | 2  | 9.1 | ✓ |
| 124 | -3° 5726 | 23 | 46.4 -3 | 9  | 10  | ✓ |
| 125 | -2° 6059 | 23 | 47.2 -2 | 45 | 7.5 | ✓ |
| 126 | -2° 6062 | 23 | 48.0 -2 | 55 | 9.2 | ✓ |
| 127 | -3° 5730 | 23 | 47.6 -3 | 12 | 9.5 | ✓ |
| 128 | -3° 5732 | 23 | 48.1 -3 | 8  | 9.1 | ✓ |
| 129 | -3° 5734 | 23 | 48.7 -3 | 29 | 8.8 | ✓ |
| 130 | -2° 6064 | 23 | 49.5 -2 | 56 | 9.2 | ✓ |
| 131 | -2° 6065 | 23 | 49.6 -2 | 57 | 9.5 | ✓ |
| 132 | -3° 5732 | 23 | 48.5 -3 | 56 | 9.3 | ✓ |
| 133 | -4° 5981 | 23 | 48.8 -4 | 18 | 9.0 | ✓ |
| 134 | -4° 5983 | 23 | 49.2 -4 | 2  | 9.4 | ✓ |
| 135 | -3° 5737 | 23 | 49.8 -3 | 57 | 9.5 | ✓ |



Tuesday, July 14, 1914

B 24592 short

| No.         | Int. | Class | Remark |
|-------------|------|-------|--------|
| ✓ 136       | 2    | Ko    |        |
| ✓ 137       | 2    | Ko    |        |
| ✓ 138       | 5    | Ko    |        |
| ✓ 139       | 2    | G5    |        |
| ✓ 140       | 1    | G5    |        |
| ✓ 141       | 3    | G0    |        |
| ✓ 142       | 2    | F8    |        |
| ✓ 143       | 1    | G5    |        |
| ✓ 144       | 1    | G5    |        |
| 11:47 ✓ 145 | 1    | Ko    |        |

~~146~~~~147~~

Thursday

May 27, 1915

10:23

|       |   |    |  |
|-------|---|----|--|
| ✓ 146 | 5 | F8 |  |
| ✓ 147 | 4 | Ko |  |
| ✓ 148 | 3 | K5 |  |
| ✓ 149 | 3 | F5 |  |
| ✓ 150 | 4 | G5 |  |
| ✓ 151 | 4 | F8 |  |
| ✓ 152 | 3 | F8 |  |
| ✓ 153 | 1 | G0 |  |
| ✓ 154 | 1 | G0 |  |
| ✓ 155 | 2 | G5 |  |
| ✓ 156 | 5 | A2 |  |
| ✓ 157 | 6 | F2 |  |
| ✓ 158 | 2 | G0 |  |

|     |     |                 |               |                 |               |               |                |   |
|-----|-----|-----------------|---------------|-----------------|---------------|---------------|----------------|---|
| 136 | -4° | 5987            | 23            | 50.5            | -4            | 25            | 9.4            | ✓ |
| 137 | -4° | 5986            | 23            | 50.3            | -4            | 34            | 9.4            | ✓ |
| 138 | -4° | 5989            | 23            | 50.7            | -4            | 47            | 8.7            | ✓ |
| 139 | -4° | 5991            | 23            | 50.9            | -4            | 53            | 9.5            | ✓ |
| 140 | -2° | 5997            | 23            | 51.5            | -4            | 34            | 9.6            | ✓ |
| 141 | -4° | 5998            | 23            | 51.7            | -4            | 39            | 9.4            | ✓ |
| 142 | -4° | 5999            | 23            | 51.8            | -4            | 2             | 9.3            | ✓ |
| 143 | -2° | 6079            | 23            | 57.6            | -2            | 22            | 9.5            | ✓ |
| 144 | -2° | <del>6078</del> | <del>23</del> | <del>53.9</del> | <del>-2</del> | <del>26</del> | <del>9.3</del> | ✓ |
|     |     | <del>6079</del> | <del>23</del> | <del>54.6</del> | <del>-2</del> | <del>22</del> | <del>9.5</del> |   |
| 145 | -2° | 6089            | 23            | 57.6            | -2            | 22            | 9.4            | ✓ |

Ident on cards by Amc. Mar. 12, 1915

Identified here March 23 1915 *W.W.*

Identification compared by S.R.B. March. 24, 1915

|     |     |      |    |      |    |      |     |   |
|-----|-----|------|----|------|----|------|-----|---|
| 146 | -4° | 5976 | 23 | 47.3 | -4 | 15.6 | 8.8 | ✓ |
| 147 | -4° | 5975 | 23 | 47.2 | -4 | 21.5 | 9.1 | ✓ |
| 148 | -5° | 6075 | 23 | 46.6 | -5 | 4.9  | 8.8 | ✓ |
| 149 | -5° | 6074 | 23 | 46.3 | -5 | 21.7 | 9.2 | ✓ |
| 150 | -5° | 6079 | 23 | 47.1 | -5 | 31.8 | 9.1 | ✓ |
| 151 | -4° | 5980 | 23 | 48.8 | -4 | 46.7 | 9.4 | ✓ |
| 152 | -5° | 6093 | 23 | 51.4 | -5 | 5.4  | 9.2 | ✓ |
| 153 | -5° | 6092 | 23 | 51.3 | -5 | 0.2  | 9.9 | ✓ |
| 154 | -4° | 5995 | 23 | 51.2 | -4 | 54.3 | 9.9 | ✓ |
| 155 | -4° | 5993 | 23 | 51.2 | -4 | 55.6 | 9.4 | ✓ |
| 156 | -5° | 6070 | 23 | 45.3 | -5 | 6.2  | 9.0 | ✓ |
| 157 | -4° | 5971 | 23 | 44.9 | -4 | 12.1 | 9.1 | ✓ |
| 158 | -4° | 5972 | 23 | 45.5 | -4 | 16.8 | 9.4 | ✓ |



Thursday May 27, 1915

B24592 short

| No.         | Dist. | class | Remark |
|-------------|-------|-------|--------|
| ✓ 159       | 5     | F8    |        |
| ✓ 160       | 1     | K2    |        |
| ✓ 161       | 2     | K2    |        |
| ✓ 162       | 3     | F2    |        |
| ✓ 163       | 4     | F5    |        |
| ✓ 164       | 3     | A0    |        |
| ✓ 165       | 2     | K5    |        |
| ✓ 166       | 4     | B5    |        |
| ✓ 167       | 2     | F8    |        |
| ✓ 168       | 2     | G5    |        |
| ✓ 169       | 2     | F8    |        |
| ✓ 170       | 4     | F8    |        |
| ✓ 171       | 1     | M0    |        |
| ✓ 172       | 5     | B0    |        |
| ✓ 173       | 4     | B5    |        |
| 10.29 ✓ 174 | 3     | K0    |        |
| 175         |       |       |        |

|     |   |    |
|-----|---|----|
| 175 | 5 | G5 |
| 176 | 6 | K0 |
| 177 | 4 | F6 |
| 178 | 4 | K5 |
| 179 | 5 | K2 |
| 180 | 4 | K2 |

|         |         |         |      |      |
|---------|---------|---------|------|------|
| 159 -4° | 5964 23 | 43.6 -4 | 22.0 | 9.1✓ |
| 160 -5° | 6066 23 | 44.3 -5 | 9.9  | 9.4✓ |
| 161 -5° | 6064 23 | 43.8 -5 | 14.1 | 9.3✓ |
| 162 -5° | 6060 23 | 42.7 -5 | 12.7 | 9.3✓ |
| 163 -5° | 6055 23 | 41.0 -5 | 29.0 | 8.9✓ |
| 164 -5° | 6051 23 | 40.3 -5 | 21.9 | 9.3✓ |
| 165 -4° | 5959 23 | 41.3 -4 | 26.8 | 9.0✓ |
| 166 -4° | 5961 23 | 42.5 -4 | 23.6 | 9.0✓ |
| 167 -3° | 5706 23 | 40.4 -3 | 6.7  | 9.2✓ |
| 168 -2° | 6038 23 | 40.1 -2 | 57.2 | 9.0✓ |
| 169 -2° | 6034 23 | 39.1 -2 | 19.9 | 9.1✓ |
| 170 -2° | 6032 23 | 38.0 -2 | 45.0 | 8.9✓ |
| 171 -2° | 6031 23 | 38.0 -2 | 57.0 | 9.5✓ |
| 172 -3° | 5698 23 | 38.0 -3 | 25.5 | 8.9✓ |
| 173 -3° | 5696 23 | 37.0 -3 | 15.4 | 8.8✓ |
| 174 -1° | 4486 23 | 37.9 -1 | 46.9 | 9.0✓ |

Ident. on cards by Amc. July 10, 1915

Ident. in Book by M.A.H. Aug. 13, 1915

Identification compared by G.R.B. August 14, 1915

|                |               |
|----------------|---------------|
| ✓ 175 +1° 4804 | 107 on √37350 |
| ✓ 176 +0 5071  | 108 " "       |
| ✓ 177 +0 5068  | 109           |
| ✓ 178 +2° 4736 | 105 on √37350 |
| ✓ 179 +2° 4735 | 104 " "       |
| ✓ 180 +1° 4780 | 68 on √37350  |



Tuesday, July 14, 1914  
B 17058 short

|       | No.  | Int. | Class          | Remark            |
|-------|------|------|----------------|-------------------|
| 10:55 | ✓ 1  | 3    | A <sub>2</sub> |                   |
|       | ✓ 2  | 2    | F <sub>0</sub> |                   |
|       | ✓ 3  | 2    | K <sub>0</sub> |                   |
|       | ✓ 4  | 2    | K <sub>5</sub> |                   |
|       | ✓ 5  | 3    | A <sub>3</sub> |                   |
|       | ✓ 6  | 4    | A <sub>3</sub> |                   |
|       | ✓ 7  | 2    | F <sub>8</sub> |                   |
|       | ✓ 8  | 3    | G <sub>5</sub> |                   |
|       | ✓ 9  | 4    | F <sub>8</sub> |                   |
|       | ✓ 10 | 5    | G <sub>5</sub> |                   |
|       | ✓ 11 | 2    | K <sub>0</sub> |                   |
|       | ✓ 12 | 2    | K <sub>0</sub> |                   |
|       | ✓ 13 | 3    | K <sub>5</sub> |                   |
|       | ✓ 14 | 5    | F <sub>8</sub> |                   |
|       | ✓ 15 | 1    | K <sub>0</sub> | Partly sup. on 14 |
|       | ✓ 16 | 3    | K <sub>2</sub> |                   |
|       | ✓ 17 | 2    | G <sub>5</sub> |                   |
|       | ✓ 18 | 1    | F <sub>8</sub> |                   |
|       | ✓ 19 | 2    | K <sub>2</sub> |                   |
|       | ✓ 20 | 1    | F <sub>8</sub> |                   |
|       | ✓ 21 | 2    | G <sub>5</sub> |                   |
|       | ✓ 22 | 2    | K <sub>0</sub> |                   |
|       | ✓ 23 | 2    | F <sub>8</sub> |                   |
|       | ✓ 24 | 3    | F <sub>2</sub> |                   |
|       | ✓ 25 | 3    | A <sub>3</sub> |                   |
|       | ✓ 26 | 3    | F <sub>8</sub> |                   |
|       | ✓ 27 | 4    | F <sub>5</sub> |                   |

|    |   |    |      |    |    |      |                              |
|----|---|----|------|----|----|------|------------------------------|
| 1  | +5° 3   | 0  | 1.1  | +5 | 58 | 8.6  | ✓                            |
| 2  | +5° 5262  | 23 | 59.4 | +5 | 50 | 9.0  | ✓                            |
| 3  | +4° 5088  | 23 | 59.5 | +4 | 39 | 8.8  | ✓                            |
| 4  | +4° 5089  | 23 | 59.6 | +4 | 30 | 8.5  | ✓                            |
| 5  | +3° 4925  | 23 | 56.1 | +3 | 56 | 8.7  | ✓                            |
| 6  | +3° 5258  | 23 | 57.4 | +5 | 37 | 9.0  | ✓                            |
| 7  | +6° 5236  | 23 | 54.5 | +6 | 38 | 9.4  | ✓                            |
| 8  | +6° 5235  | 23 | 54.4 | +6 | 32 | 9.3  | ✓                            |
| 9  | +6° 5233  | 23 | 53.9 | +6 | 54 | 8.7  | ✓                            |
| 10 | +7° 5120  | 23 | 53.1 | +7 | 35 | 8.5  | ✓                            |
| 11 | +7° 5111  | 23 | 52.4 | +7 | 27 | 9.0  | ✓                            |
| 12 | +6° 5228  | 23 | 52.0 | +6 | 59 | 8.8  | ✓                            |
| 13 | +5° 5244  | 23 | 52.3 | +5 | 52 | 9.0  | ✓                            |
| 14 | <del>5227</del> <sup>second image</sup> +6 5227 | 23 | 51.9 | +6 | 4  | 11.4 | ✓                            |
| 14 | +6° 5229  | 23 | 52.1 | +6 | 5  | 9.3  | only one star in catalogue - |
| 15 |   |    |      |    |    |      | ✓                            |
| 16 | +5° 5244 <sup>3</sup>                           | 23 | 51.6 | +5 | 36 | 8.8  | ✓                            |
| 17 | +5° 5246  | 23 | 53.1 | +5 | 8  | 9.3  | ✓                            |
| 18 | +6° 5224  | 23 | 51.1 | +6 | 38 | 9.5  | ✓                            |
| 19 | +6° 5220  | 23 | 49.6 | +6 | 40 | 9.2  | ✓                            |
| 20 | +6° 5222  | 23 | 49.6 | +6 | 29 | 9.2  | ✓                            |
| 21 | +5° 5239  | 23 | 49.0 | +5 | 53 | 9.4  | ✓                            |
| 22 | +5° 5240  | 23 | 50.2 | +5 | 37 | 9.3  | ✓                            |
| 23 | +5° 5232  | 23 | 46.4 | +5 | 4  | 9.0  | ✓                            |
| 24 | +6° 5214 <sup>3</sup>                           | 23 | 45.1 | +6 | 44 | 9.2  | ✓                            |
| 25 | +6° 5211  | 23 | 44.0 | +6 | 43 | 9.0  | ✓                            |
| 26 | +7° 5092  | 23 | 43.9 | +7 | 50 | 9.0  | ✓                            |
| 27 | +8° 5137  | 23 | 46.1 | +8 | 18 | 8.8  | ✓                            |



Tuesday, July 14, 1914  
B 17058 short

| No.        | Int. | Class          | Remark |
|------------|------|----------------|--------|
| ✓ 28       | 2    | G <sub>0</sub> |        |
| ✓ 29       | 2    | K <sub>5</sub> |        |
| ✓ 30       | 4    | K <sub>0</sub> |        |
| ✓ 31       | 3    | F <sub>8</sub> |        |
| ✓ 32       | 2    | A <sub>0</sub> |        |
| ✓ 33       | 5    | K <sub>2</sub> |        |
| ✓ 34       | 1    | K <sub>2</sub> |        |
| ✓ 35       | 2    | F <sub>8</sub> |        |
| ✓ 36       | 1    | K <sub>2</sub> |        |
| ✓ 37       | 2    | K <sub>5</sub> |        |
| ✓ 38       | 3    | R              |        |
| ✓ 39       | 1    | K <sub>5</sub> |        |
| ✓ 40       | 2    | F <sub>8</sub> |        |
| ✓ 41       | 2    | G <sub>0</sub> |        |
| ✓ 42       | 1    | G <sub>5</sub> |        |
| ✓ 43       | 2    | F <sub>8</sub> |        |
| ✓ 44       | 2    | F <sub>8</sub> |        |
| ✓ 45       | 2    | K <sub>0</sub> |        |
| ✓ 46       | 3    | K <sub>2</sub> |        |
| ✓ 47       | 4    | F <sub>5</sub> |        |
| 11:03 ✓ 48 | 2    | K <sub>0</sub> |        |
| 49         |      |                |        |
| 50         |      |                |        |
| 51         |      |                |        |
| 49         | 3    | K <sub>2</sub> |        |
| 50         | 2    | G <sub>0</sub> |        |
| 51         | 12   | G <sub>5</sub> |        |

cont. 137, 130

|    |      |                                    |    |      |     |    |     |   |
|----|------|------------------------------------|----|------|-----|----|-----|---|
| 28 | +7°  | 5095                               | 23 | 45.9 | +7  | 58 | 9.1 | ✓ |
| 29 | +7°  | 5096                               | 23 | 46.2 | +7  | 42 | 8.5 | ✓ |
| 30 | +7°  | 5100                               | 23 | 48.2 | +7  | 35 | 8.8 | ✓ |
| 31 | +8°  | 5155                               | 23 | 51.8 | +8  | 24 | 8.5 | ✓ |
| 32 | +8°  | <sup>5150</sup><br><del>5142</del> | 23 | 50.8 | +8  | 57 | 9.3 | ✓ |
| 33 | +16° | 5018                               | 23 | 52.4 | +10 | 53 | 7.3 | ✓ |
| 34 | +8°  | 5125                               | 23 | 43.8 | +8  | 53 | 9.0 | ✓ |
| 35 | +9°  | 5285                               | 23 | 43.4 | +9  | 50 | 9.0 | ✓ |
| 36 | +7°  | 5088                               | 23 | 42.2 | +7  | 50 | 8.9 | ✓ |
| 37 | +7°  | 5084                               | 23 | 40.5 | +7  | 12 | 8.8 | ✓ |
| 38 | +5°  | 5223                               | 23 | 41.7 | +5  | 25 | 8.7 | ✓ |
| 39 | +5°  | 5213                               | 23 | 36.2 | +5  | 5  | 8.9 | ✓ |
| 40 | +6°  | 5185                               | 23 | 35.7 | +6  | 0  | 9.1 | ✓ |
| 41 | +6°  | 5196                               | 23 | 37.1 | +6  | 7  | 9.2 | ✓ |
| 42 | +6°  | 5190                               | 23 | 36.2 | +6  | 45 | 8.9 | ✓ |
| 43 | +8°  | 5104                               | 23 | 36.7 | +8  | 8  | 9.0 | ✓ |
| 44 | +7°  | 5076                               | 23 | 33.5 | +7  | 11 | 9.1 | ✓ |
| 45 | +7°  | 5073                               | 23 | 33.3 | +7  | 9  | 8.3 | ✓ |
| 46 | +7°  | 5082                               | 23 | 33.3 | +7  | 5  | 8.3 | ✓ |
| 47 | +7°  | <sup>5070</sup><br>5060            | 23 | 33.1 | +7  | 2  | 8.7 | ✓ |
| 48 | +6°  | 5182                               | 23 | 32.6 | +6  | 38 | 8.9 | ✓ |

Identified here Feb. 20 1915 *How*

Ident. on Cards by Am.C. Feb. 21, 1915

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

|   |    |     |      |    |      |    |    |     |              |
|---|----|-----|------|----|------|----|----|-----|--------------|
| ✓ | 49 | +7° | 5086 | 23 | 40.9 | +7 | 23 | 8.2 | 82 on 937360 |
| / | 50 | +7° | 5080 | 23 | 36.9 | +7 | 42 | 9.0 | 78 " "       |
| ✓ | 51 | +9° | 5263 | 23 | 34.7 | +9 | 39 | 8.9 | 70 " "       |



Tuesday, July 14, 1914  
B 7420 long

11:16

| No.  | Int.            | Class.         | Remark     |
|------|-----------------|----------------|------------|
| ✓ 1  | 3               | B <sub>9</sub> |            |
| ✓ 2  | 2               | A <sub>5</sub> |            |
| ✓ 3  | 6               | K <sub>0</sub> |            |
| ✓ 4  | 3               | K <sub>0</sub> |            |
| ✓ 5  | 4               | A <sub>3</sub> |            |
| ✓ 6  | 10              | G <sub>0</sub> |            |
| ✓ 7  | 7               | A <sub>2</sub> |            |
| ✓ 8  | 9               | B <sub>9</sub> |            |
| ✓ 9  | 3               | G <sub>0</sub> |            |
| ✓ 10 | 7               | B <sub>9</sub> |            |
| ✓ 11 | 3               | F <sub>8</sub> |            |
| ✓ 12 | 7               | A <sub>0</sub> |            |
| ✓ 13 | 5               | F <sub>2</sub> |            |
| ✓ 14 | 7               | F <sub>5</sub> |            |
| ✓ 15 | 8               | A <sub>2</sub> |            |
| ✓ 16 | 7               | A <sub>0</sub> | E          |
| ✓ 17 | 5               | K <sub>0</sub> | E          |
| ✓ 18 | 10 <sup>+</sup> | A              | Burned out |
| ✓ 19 | 10 <sup>+</sup> | B              | Burned out |
| ✓ 20 | 3               | A <sub>2</sub> |            |
| ✓ 21 | 2               | A <sub>0</sub> |            |
| ✓ 22 | 2               | F <sub>8</sub> |            |
| ✓ 23 | 2               | G <sub>0</sub> |            |
| ✓ 24 | 1               | A <sub>0</sub> |            |
| ✓ 25 | 2               | F <sub>8</sub> |            |
| ✓ 26 | 1               | K <sub>5</sub> |            |
| ✓ 27 | 2               | K <sub>2</sub> |            |

|    |                       |    |      |    |               |     |   |
|----|-----------------------|----|------|----|---------------|-----|---|
| 1  | -0° 4284              | 21 | 48.4 | -0 | 23            | 8.0 | ✓ |
| 2  | -0° 4290              | 21 | 51.5 | -0 | 36            | 8.6 | ✓ |
| 3  | -0° 4296              | 21 | 53.7 | -0 | 5             | 6.0 | ✓ |
| 4  | -0° 4304              | 21 | 58.1 | -0 | 4             | 7.8 | ✓ |
| 5  | -0° 4303              | 21 | 58.0 | -0 | 27            | 8.0 | ✓ |
| 6  | -1° 4245 <sup>6</sup> | 21 | 58.4 | -1 | 1             | 2.8 | ✓ |
| 7  | -1° 4242              | 21 | 57.3 | -1 | <del>36</del> | 6.0 | ✓ |
| 8  | -2° 5684              | 21 | 55.8 | -2 | 51            | 5.3 | ✓ |
| 9  | -0° 4307              | 21 | 59.7 | -0 | 8             | 8.2 | ✓ |
| 10 | +1° 4584              | 21 | 59.2 | +1 | 44            | 7.0 | ✓ |
| 11 | +1° 4583              | 21 | 59.1 | +1 | 10            | 8.5 | ✓ |
| 12 | +2° 4474              | 22 | 1.8  | +2 | 1             | 7.2 | ✓ |
| 13 | +2° 4476              | 22 | 4.9  | +2 | 1             | 7.5 | ✓ |
| 14 | -0° 4333              | 22 | 10.7 | -0 | 57            | 7.0 | ✓ |
| 15 | -2° 5726              | 22 | 9.1  | -2 | 19            | 6.3 | ✓ |
| 16 | -4° 5623              | 22 | 2.8  | -4 | 36            | 6.8 | ✓ |
| 17 | -4° 5625              | 22 | 3.0  | -4 | 59            | 6.0 | ✓ |
| 18 | -2° 5741              | 22 | 14.2 | -2 | 7             | 4.0 | ✓ |
| 19 | +0° 4872              | 22 | 17.9 | +0 | 38            | 4.5 | ✓ |
| 20 | -0° 4353              | 22 | 16.0 | -0 | 7             | 7.5 | ✓ |
| 21 | -0° 4350              | 22 | 14.3 | -0 | 5             | 8.0 | ✓ |
| 22 | -0° 4342              | 22 | 13.0 | -0 | 48            | 7.6 | ✓ |
| 23 | +0° 4857              | 22 | 13.7 | +0 | 20            | 8.5 | ✓ |
| 24 | -0° 4343              | 22 | 13.2 | -0 | 11            | 8.8 | ✓ |
| 25 | +0° 4837              | 22 | 6.4  | +0 | 10            | 8.1 | ✓ |
| 26 | -0° 4322              | 22 | 5.9  | -0 | 28            | 7.4 | ✓ |
| 27 | -2° 5714              | 22 | 5.9  | -2 | 22            | 7.4 | ✓ |



Tuesday, July 14, 1914  
B 17420 long

| No.         | Int. | Class          | Remark |
|-------------|------|----------------|--------|
| ✓ 28        | 3    | B <sub>9</sub> |        |
| ✓ 29        | 4    | A <sub>2</sub> |        |
| ✓ 30        | 4    | F <sub>8</sub> |        |
| ✓ 31        | 3    | F <sub>5</sub> |        |
| ✓ 32        | 7    | K <sub>2</sub> |        |
| 11; 22 ✓ 33 | 4    | A <sub>0</sub> |        |
| 34          |      |                |        |

|    |          |    |      |    |    |                       |   |
|----|----------|----|------|----|----|-----------------------|---|
| 28 | -4° 5617 | 22 | 0.7  | -4 | 14 | 7.5                   | ✓ |
| 29 | +8° 4560 | 21 | 48.3 | +1 | 40 | 7.5                   | ✓ |
| 30 | +3° 4644 | 21 | 51.2 | +3 | 5  | 7.2                   | ✓ |
| 31 | +3° 4640 | 21 | 50.2 | +3 | 29 | 7.3                   | ✓ |
| 32 | +4° 4800 | 21 | 58.4 | +4 | 22 | <sup>5.0</sup><br>7.4 | ✓ |
| 33 | +4° 4801 | 21 | 59.3 | +4 | 30 | 7.5                   | ✓ |

Ident. on cards by A.M.C. May 24, 1915  
 Identified here May 28<sup>th</sup> 1915 V.W.  
 Identification confirmed by B.R.B. May 31, 1915



Tuesday, July 14, 1914  
B41073 short

|       | No.  | Int. | Class          | Remark |
|-------|------|------|----------------|--------|
| 11:30 | ✓ 1  | 1    | K <sub>2</sub> |        |
|       | ✓ 2  | 3    | K <sub>5</sub> |        |
|       | ✓ 3  | 2    | K <sub>0</sub> |        |
|       | ✓ 4  | 1    | K <sub>0</sub> |        |
|       | ✓ 5  | 3    | F <sub>8</sub> |        |
|       | ✓ 6  | 6    | F <sub>8</sub> |        |
|       | ✓ 7  | 2    | K <sub>2</sub> |        |
|       | ✓ 8  | 5    | F <sub>8</sub> |        |
|       | ✓ 9  | 4    | K <sub>2</sub> |        |
|       | ✓ 10 | 2    | A <sub>0</sub> |        |
|       | ✓ 11 | 1    | G <sub>0</sub> |        |
|       | ✓ 12 | 2    | K <sub>2</sub> |        |
|       | ✓ 13 | 1    | K <sub>0</sub> |        |
|       | ✓ 14 | 1    | K <sub>5</sub> |        |
|       | ✓ 15 | 2    | G <sub>0</sub> |        |
|       | ✓ 16 |      | M <sub>a</sub> |        |
|       | ✓ 17 | 2    | K <sub>0</sub> |        |
|       | ✓ 18 | 1    | G <sub>0</sub> |        |
|       | ✓ 19 | 1    | K <sub>5</sub> |        |
|       | ✓ 20 | 4    | K <sub>0</sub> |        |
|       | ✓ 21 | 2    | K <sub>0</sub> |        |
|       | ✓ 22 | 1    | K <sub>0</sub> |        |
|       | ✓ 23 | 2    | K <sub>2</sub> |        |
|       | ✓ 24 | 1    | K <sub>2</sub> |        |
|       | 25   | 2    | K <sub>2</sub> |        |
|       | ✓ 26 | 3    | K <sub>2</sub> |        |
|       | ✓ 27 | 3    | G <sub>0</sub> |        |

|    |     |         |                       |                      |                                   |
|----|-----|---------|-----------------------|----------------------|-----------------------------------|
| 1  | -0° | 4299 21 | 56.0 -0               | 26.2                 | 9.3 ✓                             |
| 2  | -0° | 4302 21 | 57.9 -0               | 50.4                 | 9.0 ✓                             |
| 3  | -1° | 4245 21 | 57.8 -1               | 24.5                 | 9.1 ✓                             |
| 4  | -1° | 4240 21 | 57.1 -1               | 30.5                 | 9.3 ✓                             |
| 5  | -1° | 4244 21 | 57.8 -1               | 51.0                 | 8.8 ✓                             |
| 6  | -2° | 5689 21 | 57.9 -2               | 7.6                  | 8.2 -2° 5688 mag. 9.2 sup. ✓      |
| 7  | -2° | 5691 21 | 58.4 -2               | 19.4                 | 8.8 ✓                             |
| 8  | -1° | 4248 21 | 59.0 -1               | 58.7                 | 8.3 ✓                             |
| 9  | -1° | 4249 21 | 59.4 -1               | 26.5                 | 8.3 ✓                             |
| 10 | -1° | 4250 21 | 59.9 -1               | 31.3                 | 9.0 ✓                             |
| 11 | -1° | 4253 22 | 0.9 <sup>6</sup> -1   | 39.3                 | 9.3 ✓                             |
| 12 | -1° | 4255 22 | 1.5 -1                | 41.1                 | 9.0 ✓                             |
| 13 | -2° | 5700 22 | 1.2 -2                | 8.0                  | 9.1 ✓                             |
| 14 | -1° | 4254 22 | 0.9 -1                | 55.5                 | 9.3 ✓                             |
| 15 | -2° | 5701 22 | 1.4 -2                | 42.1                 | 9.0 ✓                             |
| 16 | -2° | 5705 22 | 2.1 -2                | 43.9                 | 8.9 ✓                             |
| 17 | -2° | 5708 22 | 3.2 -2                | 50.2                 | 8.7 ✓                             |
| 18 | -1° | 4259 22 | 3.5 -1                | 53.8                 | 9.3 ✓                             |
| 19 | -1° | 4260 22 | 4.1 -1                | 41.4                 | 8.8 ✓                             |
| 20 | -1° | 4264 22 | 4.3 <sup>5.6</sup> -1 | 56.2 <sup>55.9</sup> | 8.3 <sup>9.0</sup> ✓              |
| 21 | -1° | 4263 22 | 4.4 -1                | 25.1                 | 8.7 ✓                             |
| 22 | -1° | 4264 22 | 5.6 -1                | 55.9                 | 9.0 ✓                             |
| 23 | -1° | 4267 22 | 5.9 -1                | 32.0                 | 9.3 ✓                             |
| 24 | -1° | 4268 22 | 6.1 -1                | 32.4                 | 9.3 ✓                             |
| 25 | -1° | 4269 22 | 6.7 -1                | 22.4                 | 8.8 ✓                             |
| 26 | -1° | 4272 22 | 7.3 -1                | 30.0                 | 8.8 ✓                             |
| 27 | -1° | 4271 22 | 7.3 -1                | 6.5                  | 8.8 -1° 4273 mag. 9.5 sup.-m.p. ✓ |



Tuesday, July 14, 1914  
B41073 short

| No.  | Int.           | Class | Remark |
|------|----------------|-------|--------|
| ✓ 28 | 2              | F8    |        |
| ✓ 29 | 3              | K0    |        |
| ✓ 30 | 3              | F8    |        |
| ✓ 31 | 4              | G0    |        |
| ✓ 32 | 2              | F8    |        |
| ✓ 33 | 2              | K2    |        |
| ✓ 34 | 1              | K2    |        |
| ✓ 35 | 5              | G0    |        |
| ✓ 36 | 2              | K2    |        |
| ✓ 37 | 1              | F8    |        |
| ✓ 38 | 1              | F8    |        |
| ✓ 39 | 3              | F8    |        |
| ✓ 40 | 1              | K5    |        |
| ✓ 41 | 3              | G0    |        |
| ✓ 42 | 2              | G0    |        |
| ✓ 43 | 2              | F8    |        |
| ✓ 44 | 1              | G0    |        |
| ✓ 45 | 7              | F8    |        |
| ✓ 46 | 1              | K2    |        |
| ✓ 47 | 3              | G0    |        |
| ✓ 48 | 7              | G3    |        |
| ✓ 49 | 5              | K0    |        |
| ✓ 50 | 2              | F8    |        |
| ✓ 51 | 5              | F0    |        |
| ✓ 52 | 1              | K5    |        |
| ✓ 53 | 2              | K0    |        |
| ✓ 54 | 2 <sup>+</sup> | F2    |        |

|       |         |         |      |       |
|-------|---------|---------|------|-------|
| 28-1° | 4277 22 | 9.1 -1  | 2.9  | 9.0 ✓ |
| 29-1° | 4279 22 | 9.9 -1  | 24.8 | 8.5 ✓ |
| 30-1° | 4281 22 | 10.8 -1 | 12.4 | 8.8 ✓ |
| 31-1° | 4280 22 | 10.6 -1 | 51.0 | 8.5 ✓ |
| 32-2° | 5732 22 | 11.8 -2 | 7.7  | 9.0 ✓ |
| 33-1° | 4284 22 | 12.2 -1 | 19.0 | 8.8 ✓ |
| 34-1° | 4285 22 | 13.2 -1 | 14.5 | 9.0 ✓ |
| 35-2° | 5733 22 | 12.2 -2 | 31.7 | 8.5 ✓ |
| 36-2° | 5736 22 | 12.7 -2 | 48.3 | 9.0 ✓ |
| 37-2° | 5737 22 | 13.5 -2 | 59.2 | 9.1 ✓ |
| 38-2° | 5739 22 | 13.8 -2 | 48.8 | 9.2 ✓ |
| 39-2° | 5740 22 | 14.0 -2 | 50.0 | 8.7 ✓ |
| 40-3° | 5433 22 | 14.5 -3 | 0.4  | 8.8 ✓ |
| 41-3° | 5435 22 | 14.9 -3 | 10.6 | 9.0 ✓ |
| 42-2° | 5744 22 | 14.5 -2 | 39.0 | 8.9 ✓ |
| 43-2° | 5745 22 | 14.9 -2 | 43.7 | 9.1 ✓ |
| 44-2° | 5748 22 | 15.4 -2 | 44.2 | 9.2 ✓ |
| 45-3° | 5438 22 | 16.1 -3 | 1.8  | 7.7 ✓ |
| 46-3° | 5437 22 | 15.5 -3 | 18.8 | 9.0 ✓ |
| 47-3° | 5440 22 | 16.4 -3 | 29.5 | 8.3 ✓ |
| 48-2° | 5750 22 | 16.7 -2 | 47.5 | 7.7 ✓ |
| 49-2° | 5726 22 | 7.6 -2  | 46.6 | 8.0 ✓ |
| 50-3° | 5412 22 | 8.3 -3  | 9.4  | 9.0 ✓ |
| 51-3° | 5413 22 | 8.4 -3  | 27.7 | 8.3 ✓ |
| 52-3° | 5415 22 | 9.0 -3  | 36.1 | 8.8 ✓ |
| 53-3° | 5420 22 | 9.7 -3  | 43.6 | 8.5 ✓ |
| 54-4° | 5647 22 | 10.2 -4 | 3.9  | 8.9 ✓ |



Tuesday, July 14, 1914  
341073 short

| No.  | Int. | Class | Remark |
|------|------|-------|--------|
| ✓ 55 | 1    | K5    |        |
| ✓ 56 | 2    | K5    |        |
| ✓ 57 | 2    | F8    |        |
| ✓ 58 | 1    | K0    |        |
| ✓ 59 | 1    | A0    |        |
| ✓ 60 | 11.1 | K0    |        |
| ✓ 61 | 1    | G5    |        |
| ✓ 62 | 2    | G5    |        |
| ✓ 63 | 3    | G0    |        |
| ✓ 64 | 1    | K2    |        |
| ✓ 65 | 2    | K5    |        |
| ✓ 66 | 3    | K0    |        |
| ✓ 67 | 4    | G5    |        |
| ✓ 68 | 3    | K2    |        |
| ✓ 69 | 3    | A0    |        |
| ✓ 70 | 4    | A2    |        |
| ✓ 71 | 7    | A3    |        |
| ✓ 72 | 3    | F5    |        |
| ✓ 73 | 3    | K0    |        |
| ✓ 74 | 4    | K0    |        |
| ✓ 75 | 5    | K0    |        |
| ✓ 76 | 3    | K0    |        |
| ✓ 77 | 4    | F8    |        |
| ✓ 78 | 4    | K2    |        |
| ✓ 79 | 3    | G0    |        |
| ✓ 80 | 10   | G5    |        |
| ✓ 81 | 1    | K0    |        |

|       |         |         |      |       |
|-------|---------|---------|------|-------|
| 55-3° | 5423 22 | 10.5 -3 | 53.7 | 9.0 ✓ |
| 56-3° | 5422 22 | 10.3 -3 | 2.7  | 9.0 ✓ |
| 57-2° | 5728 22 | 10.7 -2 | 56.1 | 9.0 ✓ |
| 58-2° | 5730 22 | 11.1 -2 | 42.6 | 9.2 ✓ |
| 59-3° | 5426 22 | 11.6 -3 | 22.0 | 9.5 ✓ |
| 60-2° | 5717 22 | 6.8 -2  | 8.6  | 9.1 ✓ |
| 61-1° | 4270 22 | 7.2 -1  | 58.0 | 9.0 ✓ |
| 62-1° | 4275 22 | 8.4 -1  | 39.0 | 9.0 ✓ |
| 63-3° | 5394 22 | 4.1 -3  | 38.8 | 8.7 ✓ |
| 64-3° | 5398 22 | 4.9 -3  | 22.3 | 9.1 ✓ |
| 65-3° | 5403 22 | 5.8 -3  | 26.8 | 9.0 ✓ |
| 66-4° | 5635 22 | 5.7 -4  | 35.3 | 8.8 ✓ |
| 67-4° | 5637 22 | 6.2 -4  | 29.3 | 8.5 ✓ |
| 68-4° | 5640 22 | 7.4 -4  | 40.0 | 8.5 ✓ |
| 69-4° | 5645 22 | 8.8 -4  | 39.1 | 9.0 ✓ |
| 70-4° | 5648 22 | 10.3 -4 | 58.6 | 8.6 ✓ |
| 71-4° | 5655 22 | 12.3 -4 | 47.3 | 7.8 ✓ |
| 72-4° | 5658 22 | 13.1 -4 | 14.8 | 9.0 ✓ |
| 73-4° | 5656 22 | 13.0 -4 | 53.5 | 8.5 ✓ |
| 74-4° | 5662 22 | 14.5 -4 | 31.7 | 8.3 ✓ |
| 75-4° | 5663 22 | 15.1 -4 | 28.1 | 8.0 ✓ |
| 76-3° | 5371 21 | 57.5 -3 | 34.7 | 8.8 ✓ |
| 77-3° | 5372 21 | 57.6 -3 | 54.8 | 8.3 ✓ |
| 78-3° | 5375 21 | 58.5 -3 | 48.7 | 8.2 ✓ |
| 79-3° | 5376 21 | 58.9 -3 | 11.1 | 8.8 ✓ |
| 80-2° | 5692 21 | 58.5 -2 | 45.8 | 9.0 ✓ |
| 81-3° | 5382 22 | 0.2 -3  | 3.9  | 9.0 ✓ |



Tuesday, July 14, 1914  
B 41073 short

| No.   | Int. | Class          | Remark                     |
|-------|------|----------------|----------------------------|
| ✓ 82  | 1    | K <sub>0</sub> |                            |
| ✓ 83  | 1.   | K <sub>0</sub> |                            |
| ✓ 84  | 2    | K <sub>0</sub> |                            |
| ✓ 85  | 1    | K <sub>2</sub> |                            |
| ✓ 86  | 1    | K <sub>5</sub> |                            |
| ✓ 87  | 4    | F <sub>8</sub> | /                          |
| ✓ 88  | 2    | K <sub>0</sub> |                            |
| ✓ 89  | 1    | K <sub>0</sub> |                            |
| ✓ 90  | 4    | G <sub>0</sub> |                            |
| ✓ 91  | 3    | F <sub>8</sub> |                            |
| ✓ 92  | 1    | M <sub>0</sub> |                            |
| ✓ 93  | 3    | K <sub>0</sub> | another star sup. at north |
| ✓ 94  | 10   | G <sub>0</sub> |                            |
| ✓ 95  | 1    | K <sub>2</sub> |                            |
| ✓ 96  | 4    | F <sub>8</sub> |                            |
| ✓ 97  | 7    | K <sub>0</sub> |                            |
| ✓ 98  | 4    | G <sub>0</sub> |                            |
| ✓ 99  | 1    | K <sub>5</sub> |                            |
| ✓ 100 | 7    | F <sub>5</sub> |                            |
| ✓ 101 | 5    | A <sub>2</sub> |                            |
| ✓ 102 | 6    | G <sub>0</sub> |                            |
| ✓ 103 | 5    | G <sub>5</sub> |                            |
| ✓ 104 | 1    | G <sub>5</sub> |                            |
| ✓ 105 | 1    | K <sub>0</sub> |                            |
| ✓ 106 | 1.   | A <sub>2</sub> |                            |
| ✓ 107 | 3    | K <sub>0</sub> | Strong absorption at 4227  |
| ✓ 108 | 1    | K <sub>0</sub> |                            |

|          |         |          |      |  |
|----------|---------|----------|------|--|
| 82 - 3°  | 5378 21 | 59.3 - 3 | 50.9 | 9.0 ✓                                    |
| 83 - 4°  | 5615 21 | 59.9 - 4 | 47.4 | 9.0 ✓                                    |
| 84 - 4°  | 5616 21 | 59.9 - 4 | 51.2 | 9.0 ✓                                    |
| 85 - 5°  | 5713 22 | 0.9 - 5  | 10.3 | 8.9 ✓                                    |
| 86 - 5°  | 5618 22 | 1.5 - 4  | 22.9 | 9.0 ✓                                    |
| 87 - 4°  | 5620 22 | 2.4 - 4  | 50.8 | 8.5 ✓                                    |
| 88 - 4°  | 5626 22 | 3.3 - 4  | 27.8 | 9.0 ✓                                    |
| 89 - 4°  | 5624 22 | 2.8 - 4  | 8.5  | 9.1 ✓                                    |
| 90 - 5°  | 5720 22 | 2.6 - 5  | 38.3 | 8.2 ✓                                    |
| 91 - 5°  | 5721 22 | 2.9 - 5  | 55.3 | 8.6 ✓                                    |
| 92 - 5°  | 5726 22 | 4.3 - 5  | 51.6 | 9.1 ✓                                    |
| 93 - 5°  | 5727 22 | 4.3 - 5  | 38.0 | 8.9 - 5° 5728 magn. 9.4<br>sup. at north |
| 94 - 5°  | 5732 22 | 5.2 - 5  | 26.0 | 6.7 ✓                                    |
| 95 - 5°  | 5735 22 | 6.1 - 5  | 16.8 | 9.0 ✓                                    |
| 96 - 5°  | 5739 22 | 6.3 - 5  | 21.7 | 8.6 ✓                                    |
| 97 - 5°  | 5738 22 | 6.3 - 5  | 10.1 | 7.3 ✓                                    |
| 98 - 6°  | 5928 22 | 4.3 - 6  | 15.0 | 8.5 ✓                                    |
| 99 - 6°  | 5936 22 | 6.2 - 6  | 22.9 | 9.0 ✓                                    |
| 100 - 6° | 5938 22 | 6.6 - 6  | 28.1 | 7.7 ✓                                    |
| 101 - 6° | 5940 22 | 6.8 - 6  | 16.9 | 8.5 ✓                                    |
| 102 - 6° | 5944 22 | 7.2 - 6  | 36.0 | 8.2 ✓                                    |
| 103 - 6° | 5947 22 | 7.6 - 6  | 18.0 | 8.1 ✓                                    |
| 104 - 5° | 5744 22 | 8.4 - 5  | 38.3 | 9.3 ✓                                    |
| 105 - 6° | 5950 22 | 8.1 - 6  | 23.1 | 9.1 ✓                                    |
| 106 - 6° | 5951 22 | 8.2 - 6  | 24.7 | 9.4 ✓                                    |
| 107 - 6° | 5964 22 | 10.7 - 6 | 33.9 | 8.2 ✓                                    |
| 108 - 5° | 5753 22 | 11.0 - 5 | 56.0 | 8.9 ✓                                    |



Tuesday, July 14, 1914  
B41073 short

|       | No.   | Int. | Class. | Remark |
|-------|-------|------|--------|--------|
| 11:45 | ✓ 109 | 1.   | K2     |        |

109 -5°

5762 22

12.9-5

11.5

8.9

Ident. on cards by A.M.C. July 1, 1915  
Ident. in Book by M.A.H. July 5, 1915  
Compared by S.H. July 6, 1915



Tuesday July 14, 1914

B 12040 phot

| 1.05 | No.  | Int. | class                 | Remark |
|------|------|------|-----------------------|--------|
|      | ✓ 1  | 3    | Ko                    | E      |
|      | ✓ 2  | 1    | K2                    | E.     |
|      | ✓ 3  | 2    | F5                    |        |
|      | ✓ 4  | 1    | G5                    |        |
|      | ✓ 5  | 2    | a5 (the fol. of two.) |        |
|      | ✓ 6  | 2    | K2                    |        |
|      | ✓ 7  | 3    | Ko                    |        |
|      | ✓ 8  | 3    | F5                    |        |
|      | ✓ 9  | 4    | Do                    |        |
|      | ✓ 10 | 3    | G5                    | E      |
|      | ✓ 11 | 2    | F5                    | E      |
|      | ✓ 12 | 2    | K2                    | E      |
|      | ✓ 13 | 3    | A2                    | E.     |
|      | ✓ 14 | 3    | G5                    |        |
|      | ✓ 15 | 2    | F8                    |        |
|      | ✓ 16 | 4    | G5                    |        |
|      | ✓ 17 | 3    | G2                    | E.     |
|      | ✓ 18 | 4    | A5                    | E.     |
|      | ✓ 19 | 2    | G5                    |        |
|      | ✓ 20 | 2    | K2                    |        |
|      | ✓ 21 | 1    | K5                    |        |
|      | ✓ 22 | 3    | Fo                    |        |

1.10 ✓ 23 1 K2

24

25

26

27

|    |     |                         |                     |                               |                   |                       |   |
|----|-----|-------------------------|---------------------|-------------------------------|-------------------|-----------------------|---|
| 1  | +2° | 4420                    | 21                  | 41.5 +2                       | 29                | 8.7                   | ✓ |
| 2  | +2° | 4417                    | 21                  | 41.2 +2                       | 9                 | 9.0                   | ✓ |
| 3  | +1° | 4540                    | 21                  | 40.8 +1                       | 36                | 9.0                   | ✓ |
| 4  | +1° | 4539                    | 21                  | 40.7 +1                       | 18                | 9.5                   | ✓ |
| 5  | +1° | <del>4545</del><br>4547 | <del>21</del><br>21 | <del>42.4 +1</del><br>42.7 +1 | <del>8</del><br>5 | <del>9.5</del><br>9.0 | ✓ |
| 6  | +1° | 4547                    | 21                  | 42.7 +1                       | 5                 | 9.0                   | ✓ |
| 7  | +1° | 4551                    | 21                  | 43.6 +1                       | 43                | 9.0                   | ✓ |
| 8  | +2° | 4428                    | 21                  | 42.7 +1 <sup>2</sup>          | 1                 | 9.3                   | ✓ |
| 9  | +1° | 4555                    | 21                  | 46.3 +1                       | 57                | 9.2                   | ✓ |
| 10 | +2° | 4439                    | 21                  | 47.4 +2                       | 89                | 9.0                   | ✓ |
| 11 | +2° | 4440                    | 21                  | 47.5 +2                       | 8                 | 9.2                   | ✓ |
| 12 | +2° | 4441                    | 21                  | 47.8 +2                       | 11                | 8.8                   | ✓ |
| 13 | +2° | 4443                    | 21                  | 48.1 +2                       | 7                 | 9.2                   | ✓ |
| 14 | +1° | 4559                    | 21                  | 47.4 +1                       | 13                | 9.3                   | ✓ |
| 15 | +1° | 4554                    | 21                  | 46.1 +1                       | 7                 | 9.5                   | ✓ |
| 16 | +2° | 4448 <sup>7</sup>       | 21                  | 49.7 +2                       | 4                 | 8.7 +<br>9.3          | ✓ |
| 17 | +2° | 4453                    | 21                  | 51.8 +2                       | 32                | 8.7                   | ✓ |
| 18 | +2° | 4457                    | 21                  | 53.3 +2                       | 6                 | 8.8                   | ✓ |
| 19 | +1° | 4568                    | 21                  | 52.1 +1°                      | 32                | 9.4                   | ✓ |
| 20 | +0° | 4798                    | 21                  | 48.3 +0                       | 31                | 9.0                   | ✓ |
| 21 | +0° | 4810                    | 21                  | 54.8 +0                       | 43                | 9.1                   | ✓ |
| 22 | +0° | 4811                    | 21                  | 55.2 +0                       | 46                | 9.3                   | ✓ |
| 23 | +0° | 4812                    | 21                  | 56.0 +0                       | 39                | 9.3                   | ✓ |

According to chart plates B16732 & B36899  
the dec. of this star is about 1° north of pos. given  
Declination of this star is +1° 45' 47" at 1915  
being transposed in Dec. cat. on Dec. chart?  
Position of +1° 45' 45"  
in Seidl. 14, 154 agrees  
with Dec. in Dec. 21.5

\* Probably an error in Magn. in Dec. The star  
preceding & north. Dec. +2° 44' 47" Magn. 8.7 is  
very much the fainter of the two. Magna  
never used in Dec. cat. & on Dec. chart?  
See chart plates B36899 & B16733

See charted pos. of  
+2° 44' 47" in  
Seidl. 14, 230

Ident. on cards by Amc. May 25, 1915  
Identified here May 31 1915 P.W.  
Identification compared by G.R.B. June 1, 1915



Wednesday, July 15, 1914

B 38112 short

|      | No.  | Int. | Class          | Remark |
|------|------|------|----------------|--------|
| 2:55 | ✓ 1  | 4    | A <sub>0</sub> |        |
|      | ✓ 2  | 2    | A <sub>2</sub> |        |
|      | ✓ 3  | 2    | K <sub>0</sub> |        |
|      | ✓ 4  | 3    | A <sub>0</sub> |        |
|      | ✓ 5  | 8    | F <sub>2</sub> |        |
|      | ✓ 6  | 2    | K <sub>0</sub> |        |
|      | ✓ 7  | 1    | A <sub>0</sub> |        |
|      | ✓ 8  | 2    | K <sub>0</sub> |        |
| 2:56 | ✓ 9  | 2    | B <sub>9</sub> |        |
| 3:58 | ✓ 10 | 2    | F <sub>5</sub> |        |
|      | ✓ 11 | 4    | F <sub>5</sub> |        |
|      | ✓ 12 | 3    | K <sub>0</sub> |        |
|      | ✓ 13 | 3    | F <sub>0</sub> |        |
|      | ✓ 14 | 4    | K <sub>2</sub> |        |
|      | ✓ 15 | 3    | B <sub>9</sub> |        |
|      | ✓ 16 | 7    | F <sub>8</sub> |        |
|      | ✓ 17 | 6    | B <sub>8</sub> |        |
|      | ✓ 18 | 1    | B <sub>9</sub> |        |
|      | ✓ 19 | 1    | K <sub>0</sub> |        |
|      | ✓ 20 | 1    | K <sub>0</sub> |        |
|      | ✓ 21 | 3    | B <sub>8</sub> |        |
|      | ✓ 22 | 1    | K <sub>5</sub> |        |
|      | ✓ 23 | 3    | A <sub>0</sub> |        |
|      | ✓ 24 | 3    | B <sub>9</sub> |        |
|      | ✓ 25 | 1    | G <sub>0</sub> |        |
|      | ✓ 26 | 7    | F <sub>5</sub> |        |
|      | ✓ 27 | 2    | F <sub>5</sub> |        |

|    |     |                     |    |                                      |                |         |                  |   |
|----|-----|---------------------|----|--------------------------------------|----------------|---------|------------------|---|
| 1  | -9° | 4920                | 18 | 49.7                                 | -9             | 58      | 8.5              | ✓ |
| 2  | -9° | 4921                | 18 | 49.8                                 | -9             | 36      | 9.2              | ✓ |
| 3  | -9° | 4927                | 18 | 50.3                                 | -9             | 30      | 8.9              | ✓ |
| 4  | -9° | 4929                | 18 | 50.7                                 | -9             | 19      | 8.9              | ✓ |
| 5  | -9° | 4935                | 18 | 51.2                                 | -9             | 10      | 7.5              | ✓ |
| 6  | -9° | 4943                | 18 | 52.1                                 | -9             | 1       | 8.8              | ✓ |
| 7  | -8° | 4804                | 18 | 52.2                                 | -8             | 48      | 9.4              | ✓ |
| 8  | -8° | 4778                | 18 | 49.1                                 | -8             | 48      | 9.0              | ✓ |
| 9  | -8° | 4786                | 18 | 50.3                                 | -8             | 44      | 9.2              | ✓ |
| 10 | -8° | 4788                | 18 | 50.7                                 | -8             | 8       | 9.2              | ✓ |
| 11 | -8° | 4789                | 18 | 50.9                                 | -8             | 26      | 9.0              | ✓ |
| 12 | -8° | 4794                | 18 | 51.2                                 | -8             | 26      | 9.0              | ✓ |
| 13 | -8° | 4792                | 18 | 51.1                                 | -8             | 22      | 9.4              | ✓ |
| 14 | -8° | 4795                | 18 | 51.4                                 | -8             | 21      | 8.5              | ✓ |
| 15 | -7° | 4796                | 18 | 51.3                                 | -7             | 47      | 9.4              | ✓ |
| 16 | -7° | 4809                | 18 | 52.7                                 | -7             | 35      | 7.4              | ✓ |
| 17 | -7° | 4812                | 18 | 53.0                                 | -7             | 44      | 8.3              | ✓ |
| 18 | -7° | 4815                | 18 | 53.2                                 | -7             | 42      | 9.6              | ✓ |
| 19 | -7° | 4818                | 18 | 53.4                                 | -7             | 42      | 9.2              | ✓ |
| 20 | -7° | 4816                | 18 | 53.3                                 | -7             | 19      | 9.5              | ✓ |
| 21 | -7° | 4817                | 18 | 53.3                                 | -7             | 14      | 9.3              | ✓ |
| 22 | -7° | 4821                | 18 | 53.7                                 | -7             | 12      | 9.2              | ✓ |
| 23 | -7° | 48 <sup>25</sup> 14 | 18 | 54.2 <sup>7</sup><br><del>53.1</del> | - <del>8</del> | 41<br>0 | 9.4 <sup>2</sup> | ✓ |
| 24 | -8° | 4811                | 18 | 53.0                                 | -8             | 4       | 9.1              | ✓ |
| 25 | -7° | 4814                | 18 | 53.0                                 | -8             | 0       | 9.4              | ✓ |
| 26 | -8° | 48 <sup>18</sup> 16 | 18 | 52.7                                 | -8             | 19      | 8.5<br>8.8       | ✓ |
| 27 | -8° | 4812                | 18 | 53.1                                 | -8             | 16      | 9.3              | ✓ |

-7° 4823 sup. 9.3



Wednesday, July 15, 1914  
B 38 112 short

| No.  | Int. | Class | Remark                         |
|------|------|-------|--------------------------------|
| ✓ 28 | 3    | A3    |                                |
| ✓ 29 | 2    | K0    |                                |
| ✓ 30 | 8    | A3    |                                |
| ✓ 31 | 4    | A0    |                                |
| ✓ 32 | 8    | A1    |                                |
| ✓ 33 | 1    | K5    |                                |
| ✓ 34 | 1    | K0    |                                |
| ✓ 35 | 5    | A0    |                                |
| ✓ 36 | 5    | F2    |                                |
| ✓ 37 | 2    | A0    | Another star sup on fused side |
| ✓ 38 | 2    | A0    |                                |
| ✓ 39 | 1.5  | F0    |                                |
| ✓ 40 | 6    | B8    |                                |
| ✓ 41 | 1    | A     | nearly all sup. on 40          |
| ✓ 42 | 2    | K5    |                                |
| ✓ 43 | 3    | B9    |                                |
| ✓ 44 | 2    | A0    |                                |
| ✓ 45 | 3    | G0    |                                |
| ✓ 46 | 2    | K2    |                                |
| ✓ 47 | 2    | F8    |                                |
| ✓ 48 | 1    | G0    |                                |
| ✓ 49 | 1    | G5    |                                |
| ✓ 50 | 1    | N     | Somewhat peculiar.             |
| ✓ 51 | 2    | F8    |                                |
| ✓ 52 | 2    | B9    |                                |
| ✓ 53 | 3    | K0    |                                |
| ✓ 54 | 2    | A0    |                                |

|    |                               |                    |    |      |                             |    |     |                  |
|----|-------------------------------|--------------------|----|------|-----------------------------|----|-----|------------------|
| 28 | -8°                           | 4815               | 18 | 53.6 | -8                          | 7  | 9.0 | ✓                |
| 29 | -8°                           | 4816               | 18 | 53.7 | -8                          | 12 | 9.2 | ✓                |
| 30 | -8°                           | 4820               | 18 | 54.1 | -8                          | 11 | 8.1 | ✓                |
| 31 | -8°                           | 4821               | 18 | 54.3 | -8                          | 29 | 8.8 | ✓                |
| 32 | -7°                           | 4829               | 18 | 55.0 | -7                          | 56 | 7.5 | ✓                |
| 33 | - <del>8</del> <sup>7</sup> ° | 4827               | 18 | 54.8 | -7                          | 39 | 9.3 | ✓                |
| 34 | -7°                           | 4830               | 18 | 55.0 | -7                          | 31 | 9.2 | ✓                |
| 35 | -7°                           | 4832               | 18 | 55.2 | -7                          | 33 | 9.0 | ✓                |
| 36 | -7°                           | 4833               | 18 | 55.7 | -7                          | 34 | 8.5 | ✓                |
| 37 | -7°                           | 4836               | 18 | 56.0 | -7                          | 36 | 9.4 | -7°4835 sup. 9.4 |
| 38 | -7°                           | 4837               | 18 | 56.3 | -7                          | 8  | 9.2 | ✓                |
| 39 | -7°                           | 4841               | 18 | 56.7 | -7                          | 15 | 9.4 | ✓                |
| 40 | -7°                           | 4844               | 18 | 57.2 | -7                          | 22 | 8.2 | ✓                |
| 41 | -7°                           | 4843               | 18 | 57.2 | -7                          | 22 | 9.6 | ✓                |
| 42 | -7°                           | 4845               | 18 | 57.2 | -7                          | 13 | 9.0 | ✓                |
| 43 | -7°                           | 4849               | 18 | 57.6 | -7                          | 1  | 9.0 | ✓                |
| 44 | - <del>7</del> <sup>6</sup> ° | 5032               | 18 | 57.4 | - <del>7</del> <sup>6</sup> | 38 | 9.3 | ✓                |
| 45 | -6°                           | 5033               | 18 | 57.6 | -6                          | 23 | 8.8 | ✓                |
| 46 | -6°                           | 5025               | 18 | 56.3 | -6                          | 16 | 9.0 | ✓                |
| 47 | -6°                           | 5027               | 18 | 56.3 | -6                          | 7  | 9.5 | ✓                |
| 48 | -6°                           | 5023               | 18 | 55.7 | -6                          | 27 | 9.5 | ✓                |
| 49 | Approx.                       | 1855               | 18 | 55.7 | -6                          | 14 |     |                  |
| 50 | -5°                           | 4858               | 18 | 56.7 | -5                          | 54 | 7.0 | ✓                |
| 51 | -6°                           | 5034               | 18 | 58.6 | -6                          | 17 | 9.0 | ✓                |
| 52 | -6°                           | 5038               | 18 | 59.4 | -6                          | 1  | 9.1 | ✓                |
| 53 | -6°                           | 5040               | 18 | 59.8 | -6                          | 56 | 8.5 | ✓                |
| 54 | -7°                           | 485 <sup>8</sup> 9 | 19 | 0.1  | -7                          | 4  | 9.3 | ✓                |



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| No.  | Int. | Class | Remark |
|------|------|-------|--------|
| ✓ 55 | 2    | Ks    |        |
| ✓ 56 | 4    | lg    |        |
| ✓ 57 | 6    | lg    |        |
| ✓ 58 | 2    | lg    |        |
| ✓ 59 | 7    | As    |        |
| ✓ 60 | 9    | As    |        |
| ✓ 61 | 3    | lg    |        |
| ✓ 62 | 7    | As    |        |
| ✓ 63 | 7    | lg    |        |
| ✓ 64 | 3    | As    |        |
| ✓ 65 | 9    | Fs    |        |
| ✓ 66 | 3    | Bs    |        |
| ✓ 67 | 6    | Ks    |        |
| ✓ 68 | 1    | Bs    |        |
| ✓ 69 | 1    | Ks    |        |
| ✓ 70 | 1    | lg    |        |
| ✓ 71 | 5    | Fs    |        |
| ✓ 72 | 10   | lg    |        |
| ✓ 73 | 2    | Fs    |        |
| ✓ 74 | 3    | lg    |        |
| ✓ 75 | 10   | As    |        |
| ✓ 76 | 2    | lg    |        |
| ✓ 77 | 3    | lg    |        |
| ✓ 78 | 3    | Fs    |        |
| ✓ 79 | 4    | Bs    |        |
| ✓ 80 | 2    | Bs    |        |
| ✓ 81 | 3    | As    |        |

|    |     |      |                 |                  |    |    |     |                     |
|----|-----|------|-----------------|------------------|----|----|-----|---------------------|
| 55 | -7° | 4856 | 18              | 59.8             | -7 | 37 | 8.3 | ✓                   |
| 56 | -7° | 4857 | 18              | 59.9             | -7 | 33 | 8.9 | ✓                   |
| 57 | -7° | 4861 | 18 <sup>9</sup> | 0.5              | -7 | 40 | 8.0 | ✓                   |
| 58 | -7° | 4862 | 19              | 0.7              | -7 | 50 | 9.0 | ✓                   |
| 59 | -7° | 4864 | 19              | 1.0              | -7 | 42 | 8.5 | ✓                   |
| 60 | -7° | 4865 | 19              | 1.0              | -7 | 51 | 8.2 | ✓                   |
| 61 | -7° | 4866 | 19              | 1.2              | -7 | 25 | 8.7 | ✓                   |
| 62 | -7° | 4863 | 19              | 0.9              | -7 | 11 | 8.3 | ✓                   |
| 63 | -7° | 4867 | 19              | 1.2              | -7 | 14 | 7.8 | ✓                   |
| 64 | -7° | 4868 | 19              | 1.5              | -7 | 11 | 9.3 | ✓                   |
| 65 | -7° | 4869 | 19              | 1.6              | -7 | 8  | 8.2 | ✓                   |
| 66 | -7° | 4870 | 19              | 1.7              | -7 | 12 | 9.1 | ✓                   |
| 67 | -7° | 4872 | 19              | 2.2              | -7 | 30 | 7.3 | ✓                   |
| 68 | -7° | 4873 | 19              | 2.6              | -7 | 49 | 9.5 | ✓                   |
| 69 | -8° | 4871 | 19              | 2.7              | -8 | 3  | 9.1 | ✓                   |
| 70 | -7° | 4875 | 19              | 3.1              | -7 | 55 | 8.9 | ✓                   |
| 71 | -8° | 4877 | 19              | 3.4              | -8 | 4  | 8.6 | ✓                   |
| 72 | -7° | 4876 | 19              | 3.2              | -7 | 39 | 7.0 | ✓                   |
| 73 | -7° | 4879 | 19              | 3.3              | -7 | 16 | 9.2 | ✓                   |
| 74 | -7° | 4878 | 19              | 3.3              | -7 | 8  | 9.0 | ✓                   |
| 75 | -6° | 5054 | 19              | 3.3 <sup>2</sup> | -6 | 51 | 6.8 | ✓                   |
| 76 | -6° | 5055 | 19              | 3.3              | -6 | 36 | 8.8 | ✓ -6° 5056 sup. 9.3 |
| 77 | -6° | 5059 | 19              | 3.7              | -6 | 17 | 9.0 | ✓                   |
| 78 | -6° | 5060 | 19              | 4.1              | -6 | 39 | 8.9 | ✓                   |
| 79 | -6° | 5063 | 19              | 4.9              | -6 | 42 | 8.4 | ✓                   |
| 80 | -6° | 5067 | 19              | 5.5              | -6 | 43 | 9.1 | ✓                   |
| 81 | -7° | 4890 | 19              | 5.4              | -7 | 3  | 9.0 | ✓                   |



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| No.   | Int. | Class.         | Remark |
|-------|------|----------------|--------|
| ✓ 82  | 2    | B <sub>9</sub> |        |
| ✓ 83  | 4    | B <sub>8</sub> |        |
| ✓ 84  | 3    | K <sub>0</sub> |        |
| ✓ 85  | 3    | A <sub>0</sub> |        |
| ✓ 86  | 3    | F <sub>8</sub> |        |
| ✓ 87  | 6    | B <sub>8</sub> |        |
| ✓ 88  | 2    | K <sub>0</sub> |        |
| ✓ 89  | 2    | A <sub>0</sub> |        |
| ✓ 90  | 1    | A <sub>0</sub> |        |
| ✓ 91  | 2    | G <sub>0</sub> |        |
| ✓ 92  | 3    | K <sub>2</sub> |        |
| ✓ 93  | 6    | B <sub>8</sub> |        |
| ✓ 94  | 8    | K <sub>0</sub> |        |
| ✓ 95  | 1    | K <sub>5</sub> |        |
| ✓ 96  | 1    | A <sub>0</sub> |        |
| ✓ 97  | 3    | F <sub>8</sub> |        |
| ✓ 98  | 3    | A <sub>3</sub> |        |
| ✓ 99  | 8    | K <sub>0</sub> |        |
| ✓ 100 | 1    | K <sub>0</sub> |        |
| ✓ 101 | 6    | B <sub>9</sub> |        |
| ✓ 102 | 2    | K <sub>0</sub> |        |
| ✓ 103 | 1    | K <sub>5</sub> |        |
| ✓ 104 | 8    | F <sub>5</sub> |        |
| ✓ 105 | 3    | F <sub>8</sub> |        |
| ✓ 106 | 9    | G <sub>5</sub> |        |
| ✓ 107 | 3    | A <sub>0</sub> |        |
| ✓ 108 | 2    | B <sub>9</sub> |        |

|     |      |      |                 |      |     |    |     |   |
|-----|------|------|-----------------|------|-----|----|-----|---|
| 82  | -7°  | 4886 | 19              | 4.5  | -7  | 7  | 9.3 | ✓ |
| 83  | -7°  | 4887 | 19              | 4.6  | -7  | 42 | 9.0 | ✓ |
| 84  | -7°  | 4888 | 19              | 5.0  | -7  | 44 | 8.5 | ✓ |
| 85  | -8°  | 4881 | 18 <sup>9</sup> | 4.2  | -8  | 12 | 9.1 | ✓ |
| 86  | -7°  | 4838 | 18              | 56.3 | -7  | 52 | 9.1 | ✓ |
| 87  | -7°  | 4839 | 18              | 56.6 | -7  | 55 | 8.0 | ✓ |
| 88  | -7°  | 4842 | 18              | 56.9 | -7  | 40 | 9.1 | ✓ |
| 89  | -7°  | 4846 | 18              | 57.5 | -7  | 45 | 9.2 | ✓ |
| 90  | -7°  | 4848 | 18              | 57.6 | -7  | 43 | 9.8 | ✓ |
| 91  | -8°  | 4827 | 18              | 55.9 | -8  | 10 | 9.3 | ✓ |
| 92  | -8°  | 4831 | 18              | 56.3 | -8  | 22 | 8.8 | ✓ |
| 93  | -8°  | 4833 | 18              | 56.3 | -8  | 47 | 8.5 | ✓ |
| 94  | -8°  | 4837 | 18              | 57.0 | -8  | 20 | 7.3 | ✓ |
| 95  | -8°  | 4832 | 18              | 56.3 | -8  | 36 | 9.0 | ✓ |
| 96  | -8°  | 4834 | 18              | 56.4 | -8  | 31 | 9.5 | ✓ |
| 97  | -8°  | 4835 | 18              | 56.7 | -8  | 55 | 8.6 | ✓ |
| 98  | -9°  | 4979 | 18              | 56.8 | -9  | 1  | 9.0 | ✓ |
| 99  | -8°  | 4836 | 18              | 56.9 | -8  | 52 | 7.0 | ✓ |
| 100 | -8°  | 4839 | 18              | 57.3 | -8  | 28 | 9.2 | ✓ |
| 101 | -8°  | 4840 | 18              | 57.6 | -8  | 37 | 8.7 | ✓ |
| 102 | -8°  | 4841 | 18              | 57.7 | -8  | 45 | 9.1 | ✓ |
| 103 | -9°  | 4982 | 18              | 57.3 | -9  | 3  | 9.0 | ✓ |
| 104 | -9°  | 4986 | 18              | 58.0 | -9  | 7  | 8.0 | ✓ |
| 105 | -9°  | 4977 | 18              | 56.5 | -9  | 45 | 8.7 | ✓ |
| 106 | -9°  | 4987 | 18              | 58.2 | -9  | 51 | 6.6 | ✓ |
| 107 | -10° | 4949 | 18              | 58.5 | -10 | 1  | 8.9 | ✓ |
| 108 | -8°  | 4845 | 18              | 58.6 | -8  | 59 | 9.1 | ✓ |



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| No.   | Int. | Class | Remark                                      |
|-------|------|-------|---|
| ✓ 109 | 2    | B8    |   |
| ✓ 110 | 3    | B8    |   |
| ✓ 111 | 1    | B8    |   |
| ✓ 112 | 7    | A0    | another star sup. at south. Prob. same type |
| ✓ 113 | 3    | B9    |   |
| ✓ 114 | 2    | Ly5   |   |
| ✓ 115 | 6    | A2    |   |
| ✓ 116 | 3    | F0    |   |
| ✓ 117 | 3    | Ly5   |   |
| ✓ 118 | 7    | A0    |   |
| ✓ 119 | 4    | B8    |   |
| ✓ 120 | 8    | K0    |   |
| ✓ 121 | 1    | K2    |   |
| ✓ 122 | 1    | A0    |   |
| ✓ 123 | 3    | F8    |   |
| ✓ 124 | 1    | K0    |   |
| ✓ 125 | 2    | B9    |   |
| ✓ 126 | 1    | A0    |   |
| ✓ 127 | 1    | F8    |   |
| ✓ 128 | 1    | A2    |   |
| ✓ 129 | 2    | A3    |   |
| ✓ 130 | 2    | B8    |   |
| ✓ 131 | 3    | B9    |   |
| ✓ 132 | 4    | A0    |   |
| ✓ 133 | 4    | A0    |   |
| ✓ 134 | 6    | B9    |   |
| ✓ 135 | 3    | A2    |   |

|     |         |      |    |      |    |    |     |                    |
|-----|---------|------|----|------|----|----|-----|--------------------|
| 109 | -8°     | 4849 | 18 | 59.2 | -8 | 56 | 9.1 | ✓                  |
| 110 | -9°     | 5002 | 18 | 59.4 | -9 | 12 | 9.0 | ✓                  |
| 111 | -9°     | 5004 | 18 | 59.5 | -9 | 24 | 9.3 | ✓                  |
| 112 | -9°     | 5000 | 18 | 59.4 | -9 | 38 | 8.5 | -9° 5001 aupo. 9.1 |
| 113 | -8°     | 4858 | 19 | 0.1  | -8 | 58 | 9.0 | ✓                  |
| 114 | -9°     | 5009 | 19 | 0.3  | -9 | 8  | 9.0 | ✓                  |
| 115 | -9°     | 5015 | 19 | 1.0  | -9 | 2  | 8.0 | ✓                  |
| 116 | -9°     | 5013 | 19 | 0.8  | -9 | 32 | 8.4 | ✓                  |
| 117 | -9°     | 5020 | 19 | 1.7  | -9 | 32 | 8.6 | ✓                  |
| 118 | -9°     | 5022 | 19 | 2.2  | -9 | 23 | 7.5 | ✓                  |
| 119 | -8°     | 4872 | 19 | 2.7  | -8 | 28 | 8.8 | ✓                  |
| 120 | -8°     | 4859 | 19 | 0.2  | -8 | 4  | 7.0 | ✓                  |
| 121 | -8°     | 4857 | 19 | 0.1  | -8 | 15 | 9.1 | ✓                  |
| 122 | -8°     | 4855 | 18 | 59.8 | -8 | 9  | 9.8 | ✓                  |
| 123 | -8°     | 4851 | 18 | 59.2 | -8 | 4  | 8.9 | ✓                  |
| 124 | -7°     | 4853 | 18 | 59.0 | -8 | 0  | 9.2 | ✓                  |
| 125 | Approx. | 1855 | 18 | 58.5 | -8 | 15 |     |                    |
| 126 | Approx. | 1855 | 18 | 58.7 | -8 | 17 |     |                    |
| 127 | Approx. | 1855 | 18 | 57.9 | -8 | 33 |     |                    |
| 128 | -8°     | 4863 | 19 | 1.4  | -8 | 26 | 9.5 | ✓                  |
| 129 | -8°     | 4867 | 19 | 1.9  | -8 | 38 | 9.5 | ✓                  |
| 130 | -8°     | 4868 | 19 | 2.0  | -8 | 39 | 9.6 | ✓                  |
| 131 | -9°     | 5027 | 19 | 3.4  | -9 | 21 | 9.0 | ✓                  |
| 132 | -8°     | 4884 | 19 | 4.3  | -8 | 58 | 9.0 | ✓                  |
| 133 | -8°     | 4885 | 19 | 4.4  | -8 | 44 | 8.9 | ✓                  |
| 134 | -8°     | 4806 | 18 | 52.3 | -8 | 36 | 8.5 | ✓                  |
| 135 | -8°     | 4807 | 18 | 52.4 | -8 | 31 | 9.1 | ✓                  |



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| No.   | Int. | Class | Remark                   |
|-------|------|-------|--------------------------|
| ✓ 136 | 3    | B8    |                          |
| ✓ 137 | 3    | A0    |                          |
| ✓ 138 | 2    | B8    |                          |
| ✓ 139 | 3    | K2    |                          |
| ✓ 140 | 6    | A2    |                          |
| ✓ 141 | 2    | K2    |                          |
| ✓ 142 | 2    | B9    |                          |
| ✓ 143 | 2    | K2    |                          |
| ✓ 144 | 3    | A2    |                          |
| ✓ 145 | 2    | K5    |                          |
| ✓ 146 | 4    | F0    |                          |
| ✓ 147 | 4    | B9    |                          |
| ✓ 148 | 4    | K2    |                          |
| ✓ 149 | 2    | A0    |                          |
| ✓ 150 | 4    | B8    |                          |
| ✓ 151 | 2    | A0    |                          |
| ✓ 152 | 7    | A3    |                          |
| ✓ 153 | 4    | F0    |                          |
| ✓ 154 | 1    | B9    |                          |
| ✓ 155 | 1    | K0    |                          |
| ✓ 156 | 6    | A2    |                          |
| ✓ 157 | 1    | A     |                          |
| ✓ 158 | 3    | K0    |                          |
| ✓ 159 | 2    | B8    |                          |
| ✓ 160 | 3    | A     | Lines double. Two stars? |
| ✓ 161 | 2    | F8    |                          |
| ✓ 162 | 7    | F8    |                          |

|     |     |                   |    |                  |    |                 |     |                   |
|-----|-----|-------------------|----|------------------|----|-----------------|-----|-------------------|
| 136 | -8° | 4814              | 18 | 53.4             | -8 | 39              | 9.2 | ✓                 |
| 137 | -9° | 4957              | 18 | 54.1             | -9 | 30              | 9.2 | ✓                 |
| 138 | -9° | 4960              | 18 | 54.5             | -9 | 3               | 9.2 | ✓                 |
| 139 | -9° | 4963              | 18 | 54.7             | -9 | 8               | 8.2 | ✓                 |
| 140 | -9° | 4961              | 18 | 54.6             | -9 | 2               | 8.7 | -9° 4962 sup. 9.1 |
| 141 | -9° | 4968              | 18 | 54.9             | -9 | 11              | 9.1 | ✓                 |
| 142 | -8° | 4825              | 18 | 55.2             | -8 | 39              | 9.5 | ✓                 |
| 143 | -9° | 4978              | 18 | 56.5             | -9 | 12              | 8.8 | ✓                 |
| 144 | -9° | 4971              | 18 | 55.5             | -9 | 47              | 8.9 | ✓                 |
| 145 | -5° | 4874              | 18 | 58.5             | -5 | 33              | 9.0 | ✓                 |
| 146 | -5° | 4875              | 18 | 58.6             | -5 | 27              | 8.5 | ✓                 |
| 147 | -5° | 4872              | 18 | 58.2             | -5 | 18              | 8.8 | ✓                 |
| 148 | -5° | 4877              | 18 | 59.5             | -5 | 7               | 7.8 | ✓                 |
| 149 | -5° | 4879              | 18 | 59.7             | -5 | 9               | 9.1 | ✓                 |
| 150 | -5° | 4881              | 18 | 59.8             | -5 | 28              | 8.5 | ✓                 |
| 151 | -5° | 4878              | 18 | 59.6             | -5 | 29              | 9.2 | ✓                 |
| 152 | -5° | 4884              | 19 | 0.5              | -5 | 33              | 7.8 | ✓                 |
| 153 | -5° | 4888              | 19 | 1.5              | -5 | 22              | 8.5 | ✓                 |
| 154 | -6° | 5044              | 19 | 1.2              | -6 | 16              | 9.3 | ✓                 |
| 155 | -6° | 5045              | 19 | 1.3              | -6 | 29              | 9.1 | ✓                 |
| 156 | -6° | 5046              | 19 | 1.5              | -6 | 17              | 8.5 | ✓                 |
| 157 | -6° | 5048 <sup>7</sup> | 19 | 2.2 <sup>1</sup> | -6 | 14 <sup>3</sup> | 9.5 | -6° 5048 sup. 9.5 |
| 158 | -6° | 5049              | 19 | 2.5              | -6 | 3               | 8.8 | ✓                 |
| 159 | -5° | 4890 <sup>7</sup> | 19 | 3.0 <sup>0</sup> | -5 | 5 <sup>7</sup>  | 9.4 | ✓                 |
| 160 | -6° | 5052              | 19 | 3.0              | -6 | 26              | 9.0 | -6° 5051 sup. 9.3 |
| 161 | -5° | 4902              | 19 | 4.6              | -5 | 54              | 9.0 | ✓                 |
| 162 | -5° | 4903              | 19 | 4.7              | -5 | 39              | 7.5 | ✓                 |



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| No.   | Int. | Class. | Remark                     |
|-------|------|--------|----------------------------|
| ✓ 163 | 3    | B8     |                            |
| ✓ 164 | 3    | A3     |                            |
| ✓ 165 | 1    | F8     |                            |
| ✓ 166 | 6    | B8     |                            |
| ✓ 167 | 9    | F0     |                            |
| ✓ 168 | 1    | K0     |                            |
| ✓ 169 | 3    | B8     |                            |
| ✓ 170 | 2    | B9     |                            |
| ✓ 171 | 3    | A5     |                            |
| ✓ 172 | 2    | B9     |                            |
| ✓ 173 | 6    | K0     |                            |
| ✓ 174 | 4    | A2     |                            |
| ✓ 175 | 2    | A0     |                            |
| ✓ 176 | 2    | K2     |                            |
| ✓ 177 | 2    | F      | Another star sup.?         |
| ✓ 178 | 2    | K2     |                            |
| ✓ 179 | 2    | B8     | Another star sup. n. f.    |
| ✓ 180 | 2    | D0     |                            |
| ✓ 181 | 1    | A0     |                            |
| ✓ 182 | 5    | F8     |                            |
| ✓ 183 | 1    | K2     |                            |
| ✓ 184 | 2    | A0     |                            |
| ✓ 185 | 1    | A0     |                            |
| ✓ 186 | 6    | K0     |                            |
| ✓ 187 | 4    | A0     |                            |
| ✓ 188 | 3    | B9     |                            |
| ✓ 189 | 2    | A3     | Another star on prec. side |

|     |         |      |    |      |    |    |     |  |
|-----|---------|------|----|------|----|----|-----|--|
| 163 | -6°     | 5065 | 19 | 5.2  | -6 | 1  | 9.1 | ✓  |
| 164 | -6°     | 5072 | 19 | 6.1  | -6 | 8  | 8.8 | ✓  |
| 165 | -6°     | 5071 | 19 | 6.1  | -6 | 36 | 9.3 | ✓  |
| 166 | -5°     | 4915 | 19 | 6.6  | -5 | 56 | 7.8 | ✓  |
| 167 | -6°     | 5077 | 19 | 7.6  | -6 | 17 | 6.5 | ✓  |
| 168 | -6°     | 5078 | 19 | 7.8  | -6 | 33 | 9.3 | ✓  |
| 169 | -6°     | 5080 | 19 | 8.0  | -6 | 32 | 9.1 | ✓  |
| 170 | -7°     | 4891 | 19 | 5.5  | -7 | 23 | 9.4 | ✓  |
| 171 | -7°     | 4894 | 19 | 6.7  | -7 | 24 | 9.1 | ✓  |
| 172 | -7°     | 4895 | 19 | 6.8  | -7 | 26 | 9.5 | ✓  |
| 173 | -8°     | 4902 | 19 | 6.6  | -8 | 6  | 7.9 | ✓  |
| 174 | -7°     | 4898 | 19 | 7.5  | -7 | 56 | 8.9 | ✓  |
| 175 | -7°     | 4899 | 19 | 7.6  | -7 | 51 | 9.5 | ✓  |
| 176 | -7°     | 4900 | 19 | 7.9  | -7 | 49 | 9.5 | ✓  |
| 177 | -8°     | 4911 | 19 | 8.1  | -8 | 2  | 9.2 | a ft. star S. F. sup.<br>not in cat. as this may be<br>a star?<br>-7° 4904 sup. 9.7<br>-7° 4906 sup. 9.0 |
| 178 | -7°     | 4902 | 19 | 8.1  | -7 | 16 | 9.0 |  |
| 179 | -7°     | 4905 | 19 | 8.5  | -7 | 9  | 9.2 |  |
| 180 | -7°     | 4909 | 19 | 9.2  | -7 | 28 | 9.0 | ✓  |
| 181 | Approx. | 1855 | 19 | 9.8  | -7 | 38 |     |  |
| 182 | -7°     | 4912 | 19 | 9.7  | -7 | 7  | 8.9 | ✓  |
| 183 | -7°     | 4911 | 19 | 9.6  | -7 | 6  | 9.3 | ✓  |
| 184 | -6°     | 5085 | 19 | 9.6  | -6 | 0  | 9.5 | ✓  |
| 185 | Approx. | 1855 | 19 | 10.0 | -6 | 53 |     |  |
| 186 | -6°     | 5092 | 19 | 10.8 | -6 | 57 | 7.8 | -6° 5093 sup. 9.4  |
| 187 | -6°     | 5091 | 19 | 10.7 | -6 | 40 | 9.0 | ✓  |
| 188 | -7°     | 4916 | 19 | 10.4 | -7 | 26 | 9.1 | ✓  |
| 189 | -7°     | 4915 | 19 | 10.0 | -7 | 20 | 9.2 | -7° 4914 sup. 9.3  |

Too much  
supersat.



Wednesday, July 15, 1914  
B 38 M 2 short

No. Int. Class. Remark

✓ 190 4 A5

✓ 191 2 K2

✓ 192 5 B9

✓ 193 2 A2

✓ 194 6 K0

✓ 195 4 K0

✓ 196 2 A0

✓ 197 1 A5

✓ 198 7 K0

✓ 199 3 B9 Partly sup. on 198

✓ 200 5 B9

One  
star

{ 201 3 K0

{ 202 2 A2

✓ 203 3 B9

✓ 204 4 F0

✓ 205 1 K2

✓ 206 2 K5

✓ 207 7 F8

✓ 208 3 F2

✓ 209 5 F2

✓ 210 4 G0

✓ 211 7 A0

✓ 212 2 F8

✓ 213 6 F0

✓ 214 8 K0

✓ 215 2 K0

✓ 216 2 A0 Partly sup. on 217

Hg lines? Not conf. in B24286. Conf. sp. emissions.

Sup. on 201

4:35  
thurs, July 16, 1914  
9:47

|     |   |      |    |      |    |    |     |   |
|-----|---|------|----|------|----|----|-----|---|
| 190 | -7°   | 4917 | 19 | 10.5 | -7 | 13 | 9.0 | ✓ |
| 191 | -7°   | 4918 | 19 | 10.6 | -7 | 19 | 9.2 | ✓ |
| 192 | -7°   | 4919 | 19 | 10.7 | -7 | 47 | 9.0 | ✓ |
| 193 | -7°   | 4922 | 19 | 11.3 | -7 | 15 | 9.5 | ✓ |
| 194 | -7°   | 4924 | 19 | 11.6 | -7 | 28 | 8.3 | ✓ |
| 195 | -7°   | 4923 | 19 | 11.5 | -7 | 17 | 8.5 | ✓ |
| 196 | -7°   | 4925 | 19 | 11.9 | -7 | 0  | 9.5 | ✓ |
| 197 | -6°   | 5101 | 19 | 12.1 | -6 | 58 | 9.6 | ✓ |
| 198 | -6°   | 5103 | 19 | 12.3 | -6 | 53 | 7.0 | ✓ |
| 199 | -6°   | 5102 | 19 | 12.2 | -6 | 51 | 9.3 | ✓ |
| 200 | -7°   | 4930 | 19 | 12.9 | -7 | 12 | 9.0 | ✓ |
| 201 | -7°   | 4929 | 19 | 12.8 | -7 | 1  | 8.5 | ✓ |
| 202 | This is the middle end of 201, Comp. Sp. a.7.C. |      |    |      |    |    |     |   |
| 203 | -6°   | 5106 | 19 | 12.8 | -6 | 49 | 9.1 | ✓ |
| 204 | -6°   | 5107 | 19 | 12.8 | -6 | 19 | 8.6 | ✓ |
| 205 | -6°   | 5109 | 19 | 13.0 | -6 | 10 | 9.0 | ✓ |
| 206 | -5°   | 4941 | 19 | 13.7 | -5 | 52 | 8.7 | ✓ |
| 207 | -6°   | 5117 | 19 | 14.4 | -6 | 19 | 8.0 | ✓ |
| 208 | -7°   | 4928 | 19 | 12.3 | -7 | 40 | 9.1 | ✓ |
| 209 | -7°   | 4933 | 19 | 14.3 | -7 | 51 | 8.5 | ✓ |
| 210 | -7°   | 4934 | 19 | 14.5 | -8 | 0  | 8.6 | ✓ |
| 211 | -7°   | 4935 | 19 | 14.7 | -7 | 30 | 8.0 | ✓ |
| 212 | -7°   | 4937 | 19 | 14.7 | -7 | 36 | 9.4 | ✓ |
| 213 | -7°   | 4938 | 19 | 14.9 | -7 | 24 | 8.7 | ✓ |
| 214 | -7°   | 4942 | 19 | 15.2 | -7 | 40 | 7.0 | ✓ |
| 215 | -7°   | 4944 | 19 | 15.3 | -7 | 30 | 9.0 | ✓ |
| 216 | -7°   | 4940 | 19 | 15.2 | -7 | 14 | 9.0 | ✓ |

no trace of star on following  
chart plates. I25700, I25667,  
I21636, I21221, I15549, I8751,  
B19846, B16146, B32978.



Thursday, July 16, 1914  
B 38112 short

| No.   | Int. | Class          | Remark |
|-------|------|----------------|--------|
| ✓ 217 | 7    | F <sub>0</sub> |        |
| ✓ 218 | 2    | A <sub>2</sub> |        |
| ✓ 219 | 3    | F <sub>2</sub> |        |
| ✓ 220 | 1    | H <sub>0</sub> |        |
| ✓ 221 | 2    | G <sub>5</sub> |        |
| ✓ 222 | 8    | F <sub>0</sub> |        |
| ✓ 223 | 4    | K <sub>2</sub> |        |
| ✓ 224 | 4    | B <sub>8</sub> |        |
| ✓ 225 | 2    | F <sub>5</sub> |        |
| ✓ 226 | 3    | K <sub>2</sub> |        |
| ✓ 227 | 2    | G <sub>0</sub> |        |
| ✓ 228 | 3    | A <sub>0</sub> |        |
| ✓ 229 | 4    | A <sub>0</sub> |        |
| ✓ 230 | 5    | B <sub>9</sub> |        |
| ✓ 231 | 4    | G <sub>5</sub> |        |
| ✓ 232 | 3    | K <sub>5</sub> |        |
| ✓ 233 | 2    | G <sub>5</sub> |        |
| ✓ 234 | 2    | A <sub>0</sub> |        |
| ✓ 235 | 1    | K <sub>5</sub> |        |
| ✓ 236 | 4    | G <sub>5</sub> |        |
| ✓ 237 | 6    | K <sub>5</sub> |        |
| ✓ 238 | 3    | G <sub>5</sub> |        |
| ✓ 239 | 2    | H <sub>0</sub> |        |
| ✓ 240 | 3    | A <sub>0</sub> |        |
| ✓ 241 | 4    | M <sub>2</sub> |        |
| ✓ 242 | 2.1  | A <sub>0</sub> |        |
| ✓ 243 | 1    | F <sub>8</sub> |        |

|     |         |                               |    |                               |                             |                             |     |   |
|-----|---------|-------------------------------|----|-------------------------------|-----------------------------|-----------------------------|-----|---|
| 217 | -7°     | 4941                          | 19 | 15.2                          | -7                          | 14                          | 8.3 | ✓ |
| 218 | -7°     | 4945                          | 19 | 15.3                          | -7                          | 9                           | 9.1 | ✓ |
| 219 | -6°     | 5123                          | 19 | 15.3                          | - <del>6</del> <sup>7</sup> | 0                           | 9.1 | ✓ |
| 220 | -6°     | 5125                          | 19 | 15.5                          | -6                          | 52                          | 9.3 | ✓ |
| 221 | -6°     | 5126                          | 19 | 15.7                          | -6                          | 51                          | 9.4 | ✓ |
| 222 | -7°     | 4947                          | 19 | 16.2                          | -7                          | 15                          | 7.8 | ✓ |
| 223 | -7°     | 4950                          | 19 | 16.7                          | -7                          | 56                          | 8.8 | ✓ |
| 224 | -8°     | 4966                          | 19 | 17.0                          | -8                          | 23                          | 9.0 | ✓ |
| 225 | -8°     | 4968                          | 19 | 17.2                          | -8                          | 11                          | 9.0 | ✓ |
| 226 | -8°     | 4960                          | 19 | 16.0                          | -8                          | 30                          | 8.3 | ✓ |
| 227 | -8°     | 4959                          | 19 | 15.9                          | -8                          | 31                          | 9.4 | ✓ |
| 228 | -8°     | 4953                          | 19 | 14.9                          | -8                          | 39                          | 9.1 | ✓ |
| 229 | -9°     | 5108                          | 19 | 14.7                          | -9                          | 2                           | 8.6 | ✓ |
| 230 | -9°     | 5107                          | 19 | 14.6                          | -9                          | 40                          | 8.9 | ✓ |
| 231 | -10°    | 5053                          | 19 | 14.7                          | -10                         | 2                           | 8.5 | ✓ |
| 232 | -10°    | 5055                          | 19 | 14.9                          | -10                         | 18                          | 8.7 | ✓ |
| 233 | -10°    | 5058                          | 19 | 15.3                          | -10                         | 16                          | 9.1 | ✓ |
| 234 | Approx. | 1855                          | 19 | 15.4                          | -9                          | 53                          |     |   |
| 235 | -10°    | 5061                          | 19 | 15.8                          | -10                         | 6                           | 9.1 | ✓ |
| 236 | -9°     | 5120                          | 19 | 16.0                          | -9                          | 39                          | 9.0 | ✓ |
| 237 | -9°     | 5123                          | 19 | 16.4                          | -9                          | 37                          | 7.8 | ✓ |
| 238 | -9°     | 5125                          | 19 | 17.0                          | -9                          | 44                          | 8.7 | ✓ |
| 239 | -10°    | 5066                          | 19 | 16.9                          | -10                         | 6                           | 9.0 | ✓ |
| 240 | -9°     | 5129                          | 19 | 17.9                          | -9                          | 50                          | 9.0 | ✓ |
| 241 | -9°     | 5130                          | 19 | 18.0                          | -9                          | 18                          | 8.1 | ✓ |
| 242 | -8°     | 497 <sup>4</sup> <sub>6</sub> | 19 | 18. <sup>2</sup> <sub>6</sub> | -8                          | 5 <sup>1</sup> <sub>3</sub> | 9.3 | ✓ |
| 243 | -8°     | 4976                          | 19 | 18.6                          | -8                          | 53                          | 9.1 | ✓ |



Thursday, July 16, 1914  
B 38112 short

| No.   | Ymt. | Class | Remark |
|-------|------|-------|--------|
| ✓ 244 | 2    | Ko    |        |
| ✓ 245 | 2    | A2    |        |
| ✓ 246 | 3    | Ao    |        |
| ✓ 247 | 1    | Ko    |        |
| ✓ 248 | 2    | F8    |        |
| ✓ 249 | 2    | G5    |        |
| ✓ 250 | 1    | G5    |        |
| ✓ 251 | 1    | G5    |        |
| ✓ 252 | 2    | G5    |        |
| ✓ 253 | 1    | Ao    |        |
| ✓ 254 | 1    | Ao    |        |
| ✓ 255 | 1    | A5    |        |
| ✓ 256 | 1    | K5    |        |
| ✓ 257 | 3    | B9    |        |
| ✓ 258 | 4    | G5    |        |
| ✓ 259 | 1    | Ko    |        |
| ✓ 260 | 3    | G5    |        |
| ✓ 261 | 4    | A2    |        |
| ✓ 262 | 5    | B0    |        |
| ✓ 263 | 6    | B8    |        |
| ✓ 264 | 1    | Ao    |        |
| ✓ 265 | 1    | G5    |        |
| ✓ 266 | 2    | A2    |        |
| ✓ 267 | 3    | Fo    |        |
| ✓ 268 | 3    | Ko    |        |
| ✓ 269 | 1    | Ko    |        |
| ✓ 270 | 3    | G0    |        |

|     |         |      |    |      |     |    |       |
|-----|---------|------|----|------|-----|----|-------|
| 244 | -9°     | 5110 | 19 | 15.0 | -9  | 26 | 9.1 ✓ |
| 245 | -9°     | 5112 | 19 | 15.1 | -9  | 16 | 9.3 ✓ |
| 246 | -9°     | 5113 | 19 | 15.2 | -9  | 36 | 9.3 ✓ |
| 247 | -9°     | 5114 | 19 | 15.3 | -9  | 26 | 9.2 ✓ |
| 248 | -9°     | 5118 | 19 | 15.5 | -9  | 28 | 9.4 ✓ |
| 249 | -9°     | 5115 | 19 | 15.4 | -9  | 13 | 9.2 ✓ |
| 250 | -9°     | 5117 | 19 | 15.5 | -9  | 21 | 9.4 ✓ |
| 251 | -9°     | 5119 | 19 | 15.7 | -9  | 24 | 9.5 ✓ |
| 252 | -8°     | 4964 | 19 | 16.7 | -8  | 56 | 9.3 ✓ |
| 253 | Approx. | 1855 | 19 | 17.4 | -8  | 56 |       |
|     | -8      | 4971 | 19 | 17.5 | -8  |    |       |
| 254 | Approx. | 1855 | 19 | 17.4 | -8  | 45 | 9.9 ✓ |
| 255 | -10°    | 4943 | 18 | 57.7 | -10 | 25 | 9.4 ✓ |
| 256 | -11°    | 4869 | 18 | 57.8 | -11 | 0  | 8.8 ✓ |
| 257 | -10°    | 4946 | 18 | 58.0 | -10 | 51 | 8.9 ✓ |
| 258 | -10°    | 4948 | 18 | 58.3 | -10 | 56 | 8.7 ✓ |
| 259 | -10°    | 4951 | 18 | 58.6 | -10 | 31 | 9.1 ✓ |
| 260 | -10°    | 4955 | 18 | 58.9 | -10 | 22 | 9.0 ✓ |
| 261 | -10°    | 4969 | 19 | 0.7  | -10 | 20 | 8.7 ✓ |
| 262 | -10°    | 4972 | 19 | 1.2  | -10 | 26 | 8.5 ✓ |
| 263 | -10°    | 4971 | 19 | 1.1  | -10 | 4  | 8.0 ✓ |
| 264 | -9°     | 5012 | 19 | 0.8  | -9  | 47 | 9.5 ✓ |
| 265 | -9°     | 5014 | 19 | 0.9  | -9  | 46 | 9.2 ✓ |
| 266 | -9°     | 5026 | 19 | 2.8  | -9  | 42 | 9.5 ✓ |
| 267 | -10°    | 4981 | 19 | 3.0  | -10 | 2  | 8.9 ✓ |
| 268 | -10°    | 4984 | 19 | 3.5  | -10 | 15 | 8.3 ✓ |
| 269 | -9°     | 5030 | 19 | 3.7  | -9  | 47 | 9.1 ✓ |
| 270 | -9°     | 5034 | 19 | 4.4  | -9  | 30 | 9.0 ✓ |



Thursday, July 16, 1914  
B 38112 short

| No.   | Int. | Class          | Remark    |
|-------|------|----------------|-----------|
| ✓ 271 | 5    | A <sub>0</sub> |           |
| ✓ 272 | 5    | A <sub>0</sub> |           |
| ✓ 273 | 1    | G <sub>5</sub> |           |
| ✓ 274 | 1    | K <sub>2</sub> |           |
| ✓ 275 | 9    | G <sub>5</sub> |           |
| ✓ 276 | 1    | K <sub>5</sub> |           |
| ✓ 277 | 1    | K <sub>5</sub> |           |
| ✓ 278 | 2    | F <sub>8</sub> |           |
| ✓ 279 | 3    | A <sub>0</sub> |           |
| ✓ 280 | 1    | G <sub>5</sub> |           |
| ✓ 281 | 2    | G <sub>5</sub> |           |
| ✓ 282 | 2    | G <sub>5</sub> |           |
| ✓ 283 | 4    | G <sub>0</sub> |           |
| ✓ 284 | 1    | A <sub>2</sub> |           |
| ✓ 285 | 7    | K <sub>0</sub> |           |
| ✓ 286 | 1    | K <sub>5</sub> |           |
| ✓ 287 | 1    | A <sub>2</sub> |           |
| ✓ 288 | 1    | K <sub>2</sub> |           |
| ✓ 289 | 2    | A <sub>2</sub> |           |
| ✓ 290 | 3    | A <sub>2</sub> |           |
| ✓ 291 | 1    | F              | very hazy |
| ✓ 292 | 4    | A <sub>0</sub> |           |
| ✓ 293 | 3    | F <sub>0</sub> |           |
| ✓ 294 | 2    | F <sub>2</sub> |           |
| ✓ 295 | 4    | K <sub>2</sub> |           |
| ✓ 296 | 2    | F <sub>0</sub> |           |
| ✓ 297 | 1    | F <sub>8</sub> |           |

|     |     |      |    |      |    |    |                         |
|-----|-----|------|----|------|----|----|-------------------------|
| 271 | -9° | 5033 | 19 | 4.4  | -9 | 10 | 9.0 ✓                   |
| 272 | -9° | 5036 | 19 | 4.7  | -9 | 11 | 8.5 ✓                   |
| 273 | -9° | 5045 | 19 | 5.6  | -9 | 4  | 9.3 ✓                   |
| 274 | -9° | 5047 | 19 | 6.2  | -9 | 4  | 9.0 ✓                   |
| 275 | -8° | 4900 | 19 | 6.4  | -8 | 58 | 6.9 ✓                   |
| 276 | -8° | 4903 | 19 | 6.6  | -8 | 44 | 8.9 ✓                   |
| 277 | -8° | 4906 | 19 | 6.9  | -8 | 38 | 8.9 ✓                   |
| 278 | -9° | 5044 | 19 | 5.4  | -9 | 25 | 9.4 ✓                   |
| 279 | -9° | 5049 | 19 | 6.4  | -9 | 32 | 9.4 -9° 5050 sup. 9.4 ✓ |
| 280 | -9° | 5051 | 19 | 6.6  | -9 | 10 | 9.1 ✓                   |
| 281 | -9° | 5052 | 19 | 6.7  | -9 | 3  | 9.0 ✓                   |
| 282 | -9° | 5059 | 19 | 7.6  | -9 | 0  | 9.1 ✓                   |
| 283 | -8° | 4907 | 19 | 7.7  | -8 | 52 | 9.0 ✓                   |
| 284 | -8° | 4909 | 19 | 7.8  | -8 | 49 | 9.4 ✓                   |
| 285 | -8° | 4912 | 19 | 8.4  | -8 | 56 | 7.5 ✓                   |
| 286 | -8° | 4913 | 19 | 8.6  | -8 | 30 | 9.1 ✓                   |
| 287 | -8° | 4916 | 19 | 8.8  | -8 | 23 | 9.5 ✓                   |
| 288 | -8° | 4917 | 19 | 9.1  | -8 | 7  | 9.1 ✓                   |
| 289 | -7° | 4910 | 19 | 9.3  | -7 | 57 | 9.4 ✓                   |
| 290 | -8° | 4920 | 19 | 9.9  | -8 | 22 | 9.2 ✓                   |
| 291 | -8° | 4921 | 19 | 10.1 | -8 | 29 | 9.2 ✓                   |
| 292 | -8° | 4929 | 19 | 10.9 | -8 | 21 | 8.4 ✓                   |
| 293 | -8° | 4934 | 19 | 12.2 | -8 | 48 | 8.8 ✓                   |
| 294 | -8° | 4936 | 19 | 12.5 | -8 | 19 | 9.2 ✓                   |
| 295 | -8° | 4939 | 19 | 12.8 | -8 | 30 | 8.5 ✓                   |
| 296 | -8° | 4941 | 19 | 13.1 | -8 | 23 | 9.2 ✓                   |
| 297 | -8° | 4944 | 19 | 13.7 | -8 | 23 | 9.4 ✓                   |



Thursday, July 16, 1914  
B 38112 short

| No.   | Int. | Class | Remark                        |
|-------|------|-------|-------------------------------|
| ✓ 298 | 1    | A3    |                               |
| ✓ 299 | 1    | K0    | Another star sup. s.p.        |
| ✓ 300 | 10+  | B8    |                               |
| ✓ 301 | 4    | A0    |                               |
| ✓ 302 | 2    | B9    |                               |
| ✓ 303 | 4    | F8    |                               |
| ✓ 304 | 1    | A     |                               |
| ✓ 305 | 1    | Ly    |                               |
| ✓ 306 | 7    | F0    |                               |
| ✓ 307 | 1    | A0    |                               |
| ✓ 308 | 1    | Ly5   |                               |
| ✓ 309 | 2    | A0    |                               |
| ✓ 310 | 1    | K0    |                               |
| ✓ 311 | 4    | B9    |                               |
| ✓ 312 | 3    | A0    | Another star sup. on p. side. |
| ✓ 313 | 1    | Pd    | Hyans 5007 bright             |
| ✓ 314 | 2    | B9    | Another star sup. at north    |
| ✓ 315 | 2    | K0    | Another star sup. at north    |
| ✓ 316 | 3    | F8    |                               |
| ✓ 317 | 3    | B9    |                               |
| ✓ 318 | 4    | Ly5   |                               |
| ✓ 319 | 5    | B9    |                               |
| ✓ 320 | 4    | Ly0   |                               |
| ✓ 321 | 4    | F0    |                               |
| ✓ 322 | 2    | Ly5   |                               |
| ✓ 323 | 2    | K0    |                               |
| ✓ 324 | 4    | F8    |                               |

|     |         |                       |    |                        |     |                                |                         |
|-----|---------|-----------------------|----|------------------------|-----|--------------------------------|-------------------------|
| 298 | Approx. | 1855                  | 19 | 13.6                   | -8  | <sup>16</sup><br><del>23</del> | 9.4 ✓                   |
| 299 | -8°     | 4947                  | 19 | 13.9                   | -8  | 28                             | 9.3 ✓ -8° 4946 sup. 9.5 |
| 300 | -8°     | 4950                  | 19 | 14.5                   | -8  | 28                             | 7.0 ✓                   |
| 301 | -9°     | 5093                  | 19 | 12.1                   | -9  | 8                              | 8.5 ✓                   |
| 302 | -9°     | 5090                  | 19 | 11.8                   | -9  | 16                             | 9.1 ✓                   |
| 303 | -9°     | 5088                  | 19 | 11.4                   | -9  | 12                             | 8.5 ✓                   |
| 304 | -9°     | <sup>87</sup><br>5066 | 19 | <sup>11.2</sup><br>8.3 | -9  | <sup>22</sup><br><del>26</del> | <sup>9.3</sup><br>9.6 ✓ |
| 305 | -9°     | 5086                  | 19 | 11.1                   | -9  | 26                             | 9.4 ✓                   |
| 306 | -9°     | 5079                  | 19 | 10.0                   | -9  | 56                             | 7.8 ✓                   |
| 307 | -9°     | <sup>8</sup><br>5084  | 19 | 10.2                   | -9  | <sup>0</sup><br><del>52</del>  | <sup>7</sup><br>9.3 ✓   |
| 308 | -9°     | 5082                  | 19 | 10.2                   | -9  | 11                             | 9.1 ✓                   |
| 309 | -9°     | 5073                  | 19 | 9.3                    | -9  | 52                             | 9.2 ✓                   |
| 310 | -9°     | 5074                  | 19 | 9.4                    | -9  | 40                             | 9.0 ✓                   |
| 311 | -9°     | 5072                  | 19 | 8.8                    | -9  | 41                             | 8.9 ✓                   |
| 312 | -9°     | 5068                  | 19 | 8.5                    | -9  | 41                             | 9.3 ✓ -9° 5067 sup. 9.3 |
| 313 | -9°     | 5069                  | 19 | 8.5                    | -9  | 18                             | 10 ✓                    |
| 314 | -9°     | 5066                  | 19 | 8.3                    | -9  | 26                             | 9.6 ✓ -9° 5065 sup. 9.5 |
| 315 | -9°     | 5062                  | 19 | 7.8                    | -9  | 45                             | 9.0 ✓ -9° 5063 sup. 9.6 |
| 316 | -9°     | 5055                  | 19 | 7.1                    | -9  | 51                             | 8.9 ✓                   |
| 317 | -10°    | 5005                  | 19 | 6.5                    | -10 | 12                             | 9.1 ✓                   |
| 318 | -10°    | 5002                  | 19 | 6.2                    | -10 | 12                             | 8.7 ✓                   |
| 319 | -9°     | 5041                  | 19 | 5.3                    | -9  | 56                             | 8.8 ✓                   |
| 320 | -10°    | 4985                  | 19 | 4.0                    | -10 | 49                             | 8.6 ✓                   |
| 321 | -10°    | 4988                  | 19 | 4.2                    | -10 | 38                             | 8.3 ✓                   |
| 322 | -10°    | 4989                  | 19 | 4.6                    | -10 | 26                             | 9.1 ✓                   |
| 323 | -10°    | 4991                  | 19 | 5.4                    | -10 | 30                             | 9.0 ✓                   |
| 324 | -10°    | 4994                  | 19 | 5.6                    | -10 | 35                             | 8.5 ✓                   |



Thursday, July 16, 1914  
B 38112 shot

| No.   | Int. | Class          | Remark                                |
|-------|------|----------------|---------------------------------------|
| ✓ 325 | 6    | K <sub>0</sub> |                                       |
| ✓ 326 | 2    | A <sub>0</sub> |                                       |
| ✓ 327 | 4    | B <sub>9</sub> |                                       |
| ✓ 328 | 4    | K <sub>2</sub> |                                       |
| ✓ 329 | 2    | F <sub>0</sub> | Another star sup. on p. Prob. class K |
| ✓ 330 | 2    | F <sub>2</sub> |                                       |
| ✓ 331 | 1    | A <sub>2</sub> |                                       |
| ✓ 332 | 5    | K <sub>0</sub> |                                       |
| ✓ 333 | 2    | B <sub>9</sub> |                                       |
| ✓ 334 | 4    | B <sub>9</sub> |                                       |
| ✓ 335 | 2    | K <sub>0</sub> |                                       |
| ✓ 336 | 4    | K <sub>2</sub> |                                       |
| ✓ 337 | 3    | G <sub>0</sub> |                                       |
| ✓ 338 | 9    | G <sub>0</sub> |                                       |
| ✓ 339 | 2    | A <sub>0</sub> |                                       |
| ✓ 340 | 3    | A <sub>0</sub> |                                       |
| ✓ 341 | 3    | B <sub>8</sub> |                                       |
| ✓ 342 | 3    | B <sub>8</sub> |                                       |
| ✓ 343 | 5    | G <sub>0</sub> |                                       |
| ✓ 344 | 6    | B <sub>9</sub> |                                       |
| ✓ 345 | 4    | B <sub>9</sub> |                                       |
| ✓ 346 | 1    | G <sub>0</sub> |                                       |
| ✓ 347 | 1    | B <sub>9</sub> |                                       |
| ✓ 348 | 1    | K <sub>0</sub> |                                       |
| ✓ 349 | 5    | F <sub>2</sub> |                                       |
| ✓ 350 | 7    | F <sub>0</sub> | Another star sup. at s.               |
| ✓ 351 | 4    | G <sub>5</sub> |                                       |

|     |      |      |    |      |     |    |     |                    |
|-----|------|------|----|------|-----|----|-----|--------------------|
| 325 | -11° | 4904 | 19 | 4.7  | -11 | 47 | 7.2 | ✓                  |
| 326 | -11° | 4910 | 19 | 5.5  | -11 | 49 | 9.1 | ✓                  |
| 327 | -11° | 4912 | 19 | 5.6  | -11 | 28 | 8.5 | ✓                  |
| 328 | -11° | 4913 | 19 | 5.9  | -11 | 27 | 7.3 | ✓                  |
| 329 | -11° | 4909 | 19 | 5.4  | -11 | 14 | 9.0 | -11° 4908 sup. 9.0 |
| 330 | -11° | 4918 | 19 | 6.7  | -11 | 7  | 8.9 | ✓                  |
| 331 | -11° | 4919 | 19 | 6.9  | -11 | 9  | 9.4 | ✓                  |
| 332 | -10° | 5007 | 19 | 6.9  | -10 | 58 | 8.1 | ✓                  |
| 333 | -10° | 5011 | 19 | 7.2  | -10 | 46 | 9.8 | ✓                  |
| 334 | -10° | 5015 | 19 | 8.2  | -10 | 51 | 9.2 | ✓                  |
| 335 | -10° | 5016 | 19 | 8.4  | -10 | 12 | 8.7 | ✓                  |
| 336 | -10° | 5018 | 19 | 8.7  | -10 | 26 | 8.2 | ✓                  |
| 337 | -10° | 5020 | 19 | 8.9  | -10 | 21 | 8.9 | ✓                  |
| 338 | -11° | 4932 | 19 | 8.8  | -11 | 14 | 7.0 | ✓                  |
| 339 | -11° | 4936 | 19 | 9.6  | -11 | 17 | 9.3 | ✓                  |
| 340 | -11° | 4938 | 19 | 9.7  | -11 | 14 | 9.0 | ✓                  |
| 341 | -11° | 4937 | 19 | 9.7  | -11 | 9  | 9.0 | ✓                  |
| 342 | -11° | 4947 | 19 | 10.8 | -11 | 8  | 9.0 | ✓                  |
| 343 | -11° | 4948 | 19 | 10.8 | -11 | 9  | 8.3 | ✓                  |
| 344 | -11° | 4950 | 19 | 11.0 | -11 | 11 | 8.3 | ✓                  |
| 345 | -10° | 5028 | 19 | 11.1 | -10 | 24 | 8.7 | ✓                  |
| 346 | -10° | 5030 | 19 | 11.5 | -10 | 35 | 9.4 | ✓                  |
| 347 | -10° | 5029 | 19 | 11.4 | -10 | 24 | 9.6 | ✓                  |
| 348 | -11° | 4953 | 19 | 11.2 | -11 | 3  | 9.4 | ✓                  |
| 349 | -9°  | 5091 | 19 | 11.9 | -9  | 43 | 8.5 | ✓                  |
| 350 | -9°  | 5094 | 19 | 12.1 | -9  | 40 | 7.5 | -9° 5095 sup. 7.5  |
| 351 | -9°  | 5092 | 19 | 12.2 | -9  | 35 | 8.3 | ✓                  |



Thursday, July 16, 1914.  
B38112 short

| No.   | Int. | Class.         | Remark                 |
|-------|------|----------------|------------------------|
| ✓ 352 | 4    | B <sub>9</sub> |                        |
| ✓ 353 | 2    | F <sub>0</sub> |                        |
| ✓ 354 | 1    | G <sub>5</sub> |                        |
| ✓ 355 | 1    | A <sub>2</sub> | Partly sup. on 356     |
| ✓ 356 | 4    | F <sub>2</sub> | another star sup. n.f. |
| ✓ 357 | 5    | K <sub>5</sub> |                        |
| ✓ 358 | 6    | A <sub>0</sub> |                        |
| ✓ 359 | 2    | K <sub>2</sub> |                        |
| ✓ 360 | 1    | A <sub>0</sub> |                        |
| ✓ 361 | 1    | A <sub>5</sub> |                        |
| ✓ 362 | 1    | K <sub>5</sub> |                        |
| ✓ 363 | 1    | M <sub>a</sub> |                        |
| ✓ 364 | 1    | B <sub>9</sub> |                        |
| ✓ 365 | 7    | R              |                        |
| ✓ 366 | 1    | M <sub>a</sub> |                        |
| ✓ 367 | 1    | G <sub>5</sub> |                        |
| ✓ 368 | 3    | K <sub>0</sub> |                        |
| ✓ 369 | 7    | M <sub>b</sub> |                        |
| ✓ 370 | 1    | B <sub>9</sub> |                        |
| ✓ 371 | 4    | A <sub>2</sub> |                        |
| ✓ 372 | 6    | K <sub>0</sub> |                        |
| ✓ 373 | 2    | B <sub>9</sub> |                        |
| ✓ 374 | 1    | K <sub>5</sub> |                        |
| ✓ 375 | 1    | A <sub>2</sub> |                        |
| ✓ 376 | 3    | A <sub>5</sub> |                        |
| ✓ 377 | 4    | A <sub>3</sub> |                        |
| ✓ 378 | 5    | K <sub>0</sub> |                        |

|     |         |                    |    |                   |     |                                   |                  |                      |
|-----|---------|--------------------|----|-------------------|-----|-----------------------------------|------------------|----------------------|
| 352 | -10°    | 5034               | 19 | 12.3              | -10 | 13                                | 8.5              | ✓                    |
| 353 | -10°    | 5036               | 19 | 12.5              | -10 | 5                                 | 9.1              | ✓                    |
| 354 | -9°     | 5099               | 19 | 12.9              | -9  | 54                                | 9.0              | ✓                    |
| 355 | -10°    | 5038               | 19 | 13.1              | -10 | 3                                 | 9.4              | ✓                    |
| 356 | -10°    | 5039               | 19 | 13.1              | -10 | 3                                 | 8.9              | ✓ -10° 5040 sup. 9.4 |
| 357 | -10°    | 5041               | 19 | 13.4              | -10 | 26                                | 8.3              | ✓                    |
| 358 | -10°    | 5045               | 19 | 13.6              | -10 | 38                                | 8.9              | ✓                    |
| 359 | -10°    | 5047               | 19 | 13.8              | -10 | 40                                | 9.1              | ✓                    |
| 360 | -10°    | 5046               | 19 | 13.7              | -10 | 47                                | 9.8              | ✓                    |
| 361 | -10°    | 5048               | 19 | 13.8              | -10 | 30                                | 9.2              | ✓                    |
| 362 | -10°    | 5050               | 19 | 14.4              | -10 | 38                                | 9.2              | ✓                    |
| 363 | -10°    | 5052               | 19 | 14.6              | -10 | 33                                | 9.1              | ✓                    |
| 364 | Approx. | 1855               | 19 | 15.0              | -10 | 45                                |                  |                      |
| 365 | -10°    | 5057               | 19 | 15.2              | -10 | 59                                | 7.0              | ✓                    |
| 366 | -10°    | 5059               | 19 | 15.3              | -10 | 47                                | 9.2              | ✓                    |
| 367 | -10°    | 5060               | 19 | 15.4              | -10 | 52                                | 9.4              | ✓                    |
| 368 | -10°    | 5062               | 19 | 15.9              | -10 | 34                                | 9.0              | ✓                    |
| 369 | -10°    | 5035               | 19 | 12.4              | -10 | 49                                | 7.3              | ✓                    |
| 370 | -11°    | 4959               | 19 | 12.6              | -11 | 1                                 | 9.6              | ✓                    |
| 371 | -11°    | 4954               | 19 | 11.7              | -11 | 38                                | 8.5              | ✓                    |
| 372 | -11°    | 4961               | 19 | 12.8              | -11 | 34                                | 7.2              | ✓                    |
| 373 | -11°    | 4963 <sup>4</sup>  | 19 | 13.4 <sup>5</sup> | -11 | 13 <sup>13</sup><br><del>18</del> | 9.0              | ✓                    |
| 374 | -11°    | 4971 <sup>68</sup> | 19 | 14.5 <sup>1</sup> | -11 | 13                                | 9.0              | ✓                    |
| 375 | -11°    | 4969 <sup>8</sup>  | 19 | 14.3 <sup>1</sup> | -11 | 31                                | 9.0 <sup>4</sup> | ✓                    |
| 376 | -12°    | 5368               | 19 | 14.4              | -12 | 8                                 | 9.0              | ✓                    |
| 377 | -12°    | 5372               | 19 | 14.7              | -12 | 12                                | 8.7              | ✓ -12° 5371 sup. 9.1 |
| 378 | -11°    | 4972               | 19 | 14.5              | -11 | 54                                | 7.5              | ✓                    |



Thursday, July 16, 1914  
B 38112 short

| No.         | Int. | Class. | Remark             |
|-------------|------|--------|--------------------|
| ✓ 379       | 9    | Ko     |                    |
| ✓ 380       | 6    | Co     |                    |
| ✓ 381       | 1    | Ko     |                    |
| ✓ 382       | 2    | Ko     |                    |
| ✓ 383       | 4    | A2     |                    |
| ✓ 384       | 2    | A3     |                    |
| ✓ 385       | 1    | Ly     |                    |
| ✓ 386       | 5    | A5     |                    |
| ✓ 387       | 1    | K5     |                    |
| ✓ 388       | 4    | K2     |                    |
| ✓ 389       | 2    | Co     |                    |
| ✓ 390       | 2    | Ko     |                    |
| ✓ 391       | 6    | B9     |                    |
| ✓ 392       | 6    | Ko     |                    |
| ✓ 393       | 3    | A3     | Partly sup. on 391 |
| ✓ 394       | 2    | F8     |                    |
| ✓ 395       | 1    | K5     |                    |
| ✓ 396       | 2    | Co     |                    |
| ✓ 397       | 4    | F2     |                    |
| ✓ 398       | 1    | B9     | Partly sup. on 399 |
| ✓ 399       | 3    | A3     |                    |
| ✓ 400       | 5    | B9     |                    |
| ✓ 401       | 3    | B9     |                    |
| ✓ 402       | 3    | Ly     |                    |
| ✓ 403       | 2    | Co     |                    |
| ✓ 404       | 4    | B9     |                    |
| 10:34 ✓ 405 | 4    | Ly     |                    |

|     |      |                   |    |                       |     |                     |             |
|-----|------|-------------------|----|-----------------------|-----|---------------------|-------------|
| 379 | -12° | 5311              | 19 | 5.2                   | -12 | 32                  | 5.9✓        |
| 380 | -12° | 5316              | 19 | 6.0                   | -12 | 20                  | 8.2✓        |
| 381 | -12° | 5318              | 19 | 6.3                   | -12 | 12                  | 9.2✓        |
| 382 | -11° | 4916              | 19 | 6.6                   | -11 | 45                  | 8.8✓        |
| 383 | -12° | 5325              | 19 | 7.1                   | -12 | 6                   | 9.0✓        |
| 384 | -11° | 4921              | 19 | 7.4                   | -11 | 58                  | 9.0✓        |
| 385 | -12° | 5326              | 19 | 7.4                   | -12 | 1                   | 9.2✓        |
| 386 | -12° | 5328              | 19 | 8.2                   | -12 | 4                   | 8.5✓        |
| 387 | -11° | 4927              | 19 | 8.3                   | -11 | 59                  | 9.0✓        |
| 388 | -11° | 4928 <sup>9</sup> | 19 | 8.4<br><del>7.9</del> | -11 | 49<br><del>34</del> | 7.5<br>9.2✓ |
| 389 | -11° | 4935 <sup>2</sup> | 19 | 7.9                   | -11 | 34                  | 9.2✓        |
| 390 | -11° | 4931              | 19 | 8.6                   | -11 | 32                  | 9.0✓        |
| 391 | -11° | 4940              | 19 | 9.9                   | -11 | 40                  | 8.3✓        |
| 392 | -11° | 4943              | 19 | 10.1                  | -11 | 42                  | 7.8✓        |
| 393 | -11° | 4939              | 19 | 9.9                   | -11 | 34                  | 9.0✓        |
| 394 | -12° | 5337              | 19 | 10.0                  | -12 | 3                   | 9.0✓        |
| 395 | -11° | 4946              | 19 | 10.6                  | -11 | 38                  | 9.0✓        |
| 396 | -12° | 5353              | 19 | 12.7                  | -12 | 42                  | 8.9✓        |
| 397 | -12° | 5354              | 19 | 13.0                  | -12 | 32                  | 8.6✓        |
| 398 | -12° | 5360              | 19 | 13.1                  | -12 | 31                  | 9.2✓        |
| 399 | -12° | 5361              | 19 | 13.2                  | -12 | 32                  | 8.9✓        |
| 400 | -12° | 5355              | 19 | 13.0                  | -12 | 15                  | 8.4✓        |
| 401 | -12° | 5359              | 19 | 13.1                  | -12 | 14                  | 9.1✓        |
| 402 | -13° | 5328              | 19 | 13.5                  | -13 | 2                   | 8.3✓        |
| 403 | -11° | 4981              | 19 | 16.1                  | -11 | 34                  | 9.0✓        |
| 404 | -12° | 5390              | 19 | 16.8                  | -12 | 7                   | 8.0✓        |
| 405 | -11° | 4986              | 19 | 17.3                  | -11 | 47                  | 8.2✓        |



Friday, July 17, 1914  
B38112 short

|       | No.   | Ymt. | Class. | Remark |
|-------|-------|------|--------|--------|
| 10:04 | ✓ 406 | 3    | F2     |        |
|       | ✓ 407 | 1    | K5     |        |
|       | ✓ 408 | 5    | A3     |        |
|       | ✓ 409 | 5    | B9     |        |
|       | ✓ 410 | 4    | K0     |        |
|       | ✓ 411 | 4    | F5     |        |
|       | ✓ 412 | 5    | F5     |        |
|       | ✓ 413 | 4    | K5     |        |
|       | ✓ 414 | 2    | F0     |        |
|       | ✓ 415 | 3    | K0     |        |
|       | ✓ 416 | 3    | g5     |        |
|       | ✓ 417 | 1    | A0     |        |
|       | ✓ 418 | 5    | A0     |        |
|       | ✓ 419 | 2    | K5     |        |
|       | ✓ 420 | 1    | F8     |        |
|       | ✓ 421 | 2    | K0     |        |
|       | ✓ 422 | 1    | K2     |        |
|       | ✓ 423 | 2    | K0     |        |
|       | ✓ 424 | 4    | A0     |        |
|       | ✓ 425 | 7    | F0     |        |
|       | ✓ 426 | 7    | B9     |        |
|       | ✓ 427 | 2    | A0     |        |
|       | ✓ 428 | 3    | g0     |        |
|       | ✓ 429 | 2    | A0     |        |
|       | ✓ 430 | 1    | K2     |        |
|       | ✓ 431 | 5    | F0     |        |
|       | ✓ 432 | 2    | g5     |        |

|     |      |      |    |      |     |    |       |
|-----|------|------|----|------|-----|----|-------|
| 406 | -11° | 4987 | 19 | 17.3 | -11 | 4  | 8.9 ✓ |
| 407 | -11° | 4990 | 19 | 17.8 | -11 | 30 | 8.9 ✓ |
| 408 | -11° | 4992 | 19 | 18.0 | -11 | 33 | 8.5 ✓ |
| 409 | -11° | 4999 | 19 | 18.6 | -11 | 23 | 8.8 ✓ |
| 410 | -11° | 4997 | 19 | 18.3 | -11 | 54 | 8.2 ✓ |
| 411 | -10° | 5078 | 19 | 19.0 | -10 | 32 | 8.3 ✓ |
| 412 | -10° | 5082 | 19 | 19.6 | -10 | 22 | 8.2 ✓ |
| 413 | -10° | 5089 | 19 | 20.6 | -10 | 38 | 8.2 ✓ |
| 414 | -9°  | 5135 | 19 | 19.6 | -9  | 53 | 9.4 ✓ |
| 415 | -9°  | 5141 | 19 | 20.1 | -9  | 43 | 8.3 ✓ |
| 416 | -9°  | 5139 | 19 | 20.0 | -9  | 23 | 9.0 ✓ |
| 417 | -9°  | 5138 | 19 | 19.9 | -9  | 18 | 9.5 ✓ |
| 418 | -9°  | 5146 | 19 | 20.7 | -9  | 30 | 8.4 ✓ |
| 419 | -8°  | 4987 | 19 | 19.8 | -8  | 39 | 8.5 ✓ |
| 420 | -9°  | 5132 | 19 | 18.8 | -9  | 25 | 9.4 ✓ |
| 421 | -8°  | 4986 | 19 | 19.6 | -8  | 28 | 8.8 ✓ |
| 422 | -8°  | 4983 | 19 | 19.2 | -8  | 35 | 9.2 ✓ |
| 423 | -8°  | 4981 | 19 | 19.0 | -8  | 32 | 9.1 ✓ |
| 424 | -8°  | 4978 | 19 | 18.8 | -8  | 32 | 8.9 ✓ |
| 425 | -8°  | 4977 | 19 | 18.7 | -8  | 27 | 8.0 ✓ |
| 426 | -8°  | 4979 | 19 | 18.8 | -8  | 0  | 8.3 ✓ |
| 427 | -8°  | 4982 | 19 | 19.1 | -8  | 6  | 9.1 ✓ |
| 428 | -7°  | 4959 | 19 | 19.6 | -7  | 41 | 9.0 ✓ |
| 429 | -7°  | 4961 | 19 | 19.9 | -7  | 53 | 9.0 ✓ |
| 430 | -7°  | 4960 | 19 | 19.6 | -7  | 27 | 9.1 ✓ |
| 431 | -7°  | 4956 | 19 | 18.3 | -7  | 17 | 8.5 ✓ |
| 432 | -6°  | 5147 | 19 | 18.9 | -6  | 55 | 8.7 ✓ |



Friday, July 17, 1914

B38112 short

| No.   | Int. | Class          | Remark |
|-------|------|----------------|--------|
| ✓ 433 | 1    | A <sub>0</sub> |        |
| ✓ 434 | 2    | A <sub>0</sub> |        |
| ✓ 435 | 2    | B <sub>9</sub> |        |
| ✓ 436 | 2    | A <sub>0</sub> |        |
| ✓ 437 | 1    | K <sub>0</sub> |        |
| ✓ 438 | 4..  | K <sub>0</sub> |        |
| ✓ 439 | 3    | G <sub>5</sub> |        |
| ✓ 440 | 5    | B <sub>9</sub> |        |
| ✓ 441 | 3    | F <sub>0</sub> |        |
| ✓ 442 | 3    | K <sub>0</sub> |        |
| ✓ 443 | 5    | K <sub>2</sub> |        |
| ✓ 444 | 1    | K <sub>5</sub> |        |
| ✓ 445 | 1    | K <sub>0</sub> |        |
| ✓ 446 | 2    | F <sub>5</sub> |        |
| ✓ 447 | 2    | B <sub>9</sub> |        |
| ✓ 448 | 3    | A <sub>0</sub> |        |
| ✓ 449 | 3    | B <sub>9</sub> |        |
| ✓ 450 | 1    | F <sub>2</sub> |        |
| ✓ 451 | 1    | K <sub>2</sub> |        |
| ✓ 452 | 4    | K <sub>0</sub> |        |
| ✓ 453 | 2    | B <sub>9</sub> |        |
| ✓ 454 | 1    | K <sub>2</sub> |        |
| ✓ 455 | 3    | B <sub>9</sub> |        |
| ✓ 456 | 3    | A <sub>0</sub> |        |
| ✓ 457 | 1    | A <sub>2</sub> |        |
| ✓ 458 | 1    | A <sub>0</sub> |        |
| ✓ 459 | 2..  | F <sub>2</sub> |        |

|     |     |                    |    |                         |                 |                 |                    |
|-----|-----|--------------------|----|-------------------------|-----------------|-----------------|--------------------|
| 433 | -4° | 4685 <sup>90</sup> | 18 | 58.0<br><del>57.4</del> | -4              | 55 <sup>6</sup> | 9.5 <sup>3</sup> ✓ |
| 434 | -4° | 4692               | 18 | 58.5                    | -4              | 52              | 8.5 ✓              |
| 435 | -4° | 4697               | 18 | 59.6                    | -4              | 58              | 8.9 ✓              |
| 436 | -4° | 4699               | 19 | 0.0                     | -4              | 34              | 8.8 ✓              |
| 437 | -4° | 4701               | 19 | 0.3                     | -4              | 48              | 9.1 ✓              |
| 438 | -5° | 4882               | 19 | 0.0                     | -5              | 11              | 8.3 ✓              |
| 439 | -4° | 4708               | 19 | 2.7                     | -4              | 59              | 8.5 ✓              |
| 440 | -4° | 4712               | 19 | 3.5                     | -4              | 22              | 8.0 ✓              |
| 441 | -4° | 4716               | 19 | 4.0                     | -4              | 6               | 8.5 ✓              |
| 442 | -4° | 4719               | 19 | 4.7                     | -4              | 42              | 8.2 ✓              |
| 443 | -4° | 4724               | 19 | 5.5                     | -4              | 13              | 8.0 ✓              |
| 444 | -5° | 4906               | 19 | 5.2                     | -5              | 19              | 8.5 ✓              |
| 445 | -5° | 4907               | 19 | 5.4                     | -5              | 16              | 9.4 ✓              |
| 446 | -5° | 4908               | 19 | 5.7                     | -5              | 38              | 9.1 ✓              |
| 447 | -5° | 4909               | 19 | 5.8                     | -5              | 9               | 9.1 ✓              |
| 448 | -4° | 4725               | 19 | 6.0                     | -4              | 40              | 9.0 ✓              |
| 449 | -5° | 4918               | 19 | 8.1                     | -5              | 34              | 9.0 ✓              |
| 450 | -5° | 4920               | 19 | 8.2                     | -5              | 26              | 9.1 ✓              |
| 451 | -5° | 4917               | 19 | 8.0                     | -5              | 10              | 9.0 ✓              |
| 452 | -4° | 4750               | 19 | 9.3                     | -4              | 54              | 7.8 ✓              |
| 453 | -5° | 4922               | 19 | 8.5                     | -5 <sup>6</sup> | 0               | 9.0 ✓              |
| 454 | -5° | 4921               | 19 | 8.2                     | -5              | 54              | 9.0 ✓              |
| 455 | -6° | 5086               | 19 | 10.0                    | -6              | 14              | 9.0 ✓              |
| 456 | -5° | 4928               | 19 | 10.8                    | -5              | 42              | 9.0 ✓              |
| 457 | -6° | 5097               | 19 | 11.2                    | -6              | 18              | 9.1 ✓              |
| 458 | -6° | 5099               | 19 | 11.9                    | -6              | 27              | 9.2 ✓              |
| 459 | -6° | 5017               | 18 | 54.9                    | -6              | 40              | 9.1 ✓              |



Friday, July 17, 1914

B 38112 short

| No.   | Int. | Class. | Remark             |
|-------|------|--------|--------------------|
| 10119 | 460  | 1      | B Lines indistinct |

|     |   |                |
|-----|---|----------------|
| 461 | 5 | K <sub>2</sub> |
|-----|---|----------------|

460 -  $7^\circ$     4794    18    51.0 - 7    32    8.9 ✓

Ident. in book by J. L. M. April 1, 1915

Ident. on cards by A. M. C. May 7, 1915

Identification compared by S. R. B. May 10, 1915.

461 -  $5^\circ$     4927    19    10.4 - 5    41    7.4



Friday, July 17, 1914  
B 10078 long

| No.       | Ymt. | Class            | Remark |
|-----------|------|------------------|--------|
| 10219 ✓ 1 | 4    | A <sub>0</sub> . |        |
| ✓ 2       | 6    | B <sub>5</sub>   |        |
| ✓ 3       | 3    | K <sub>0</sub>   |        |
| ✓ 4       | 5    | B <sub>5</sub>   |        |
| ✓ 5       | 2    | F <sub>0</sub>   |        |
| ✓ 6       | 7    | G <sub>5</sub>   |        |
| ✓ 7       | 5    | F <sub>2</sub> E |        |
| ✓ 8       | 4    | F <sub>8</sub>   |        |
| ✓ 9       | 7    | B <sub>0</sub>   |        |
| ✓ 10      | 3    | B <sub>9</sub>   |        |
| ✓ 11      | 2    | F <sub>0</sub>   |        |
| ✓ 12      | 2    | B <sub>9</sub>   |        |
| ✓ 13      | 3    | F <sub>5</sub>   |        |
| ✓ 14      | 2    | A <sub>0</sub>   |        |
| ✓ 15      | 4    | F <sub>8</sub>   |        |
| 16        | 5    | A <sub>0</sub>   |        |
| ✓ 17      | 7    | K <sub>0</sub>   |        |
| ✓ 18      | 3    | R                |        |
| ✓ 19      | 2    | M <sub>a</sub>   |        |
| ✓ 20      | 3    | F <sub>0</sub>   |        |
| ✓ 21      | 1    | A <sub>0</sub>   |        |
| ✓ 22      | 3    | G <sub>0</sub>   |        |
| ✓ 23      | 2    | A <sub>2</sub>   |        |
| ✓ 24      | 5    | K <sub>2</sub>   |        |
| ✓ 25      | 2    | A <sub>0</sub>   |        |
| ✓ 26      | 3    | F <sub>8</sub>   |        |
| 27        | 3    | A <sub>2</sub>   |        |

|    |      |      |    |      |     |      |      |
|----|------|------|----|------|-----|------|------|
| 1  | -6°  | 5054 | 19 | 3.2  | -6  | 50.7 | 6.8✓ |
| 2  | -8°  | 4887 | 19 | 4.8  | -8  | 10.0 | 5.7✓ |
| 3  | -8°  | 4900 | 19 | 6.4  | -8  | 57.8 | 6.9✓ |
| 4  | -8°  | 4950 | 19 | 14.5 | -8  | 28.1 | 7.0✓ |
| 5  | -7°  | 4947 | 19 | 16.2 | -7  | 15.2 | 7.8✓ |
| 6  | -5°  | 4936 | 19 | 12.8 | -5  | 40.8 | 5.0✓ |
| 7  | -5°  | 4964 | 19 | 17.3 | -5  | 10.0 | 6.8✓ |
| 8  | -7°  | 4968 | 19 | 21.5 | -7  | 20.1 | 6.8✓ |
| 9  | -7°  | 5006 | 19 | 29.1 | -7  | 20.7 | 5.0✓ |
| 10 | -8°  | 5008 | 19 | 22.8 | -8  | 29.0 | 7.6✓ |
| 11 | -9°  | 5143 | 19 | 20.3 | -9  | 49.8 | 8.0✓ |
| 12 | -10° | 5097 | 19 | 22.4 | -10 | 48.0 | 8.4✓ |
| 13 | -11° | 5025 | 19 | 22.9 | -11 | 47.2 | 6.8✓ |
| 14 | -12° | 5425 | 19 | 22.7 | -12 | 9.0  | 8.0✓ |
| 15 | -12° | 5417 | 19 | 21.5 | -12 | 56.6 | 7.3✓ |
| 16 | -14° | 5435 | 19 | 18.2 | -14 | 50.3 | 7.2✓ |
| 17 | -10° | 5122 | 19 | 27.1 | -10 | 52.4 | 5.3✓ |
| 18 | -10° | 5057 | 19 | 15.2 | -10 | 58.6 | 7.0✓ |
| 19 | -10° | 5035 | 19 | 12.4 | -10 | 49.3 | 7.3✓ |
| 20 | -9°  | 5094 | 19 | 12.1 | -9  | 39.8 | 7.5  |
| 21 | -11° | 4950 | 19 | 11.0 | -11 | 10.9 | 8.3  |
| 22 | -11° | 4932 | 19 | 8.8  | -11 | 13.8 | 7.0✓ |
| 23 | -12° | 5316 | 19 | 6.0  | -12 | 19.7 | 8.2✓ |
| 24 | -12° | 5311 | 19 | 5.2  | -12 | 31.5 | 5.9✓ |
| 25 | -12° | 5299 | 19 | 2.7  | -12 | 22.4 | 7.5✓ |
| 26 | -12° | 5278 | 18 | 58.4 | -12 | 5.9  | 7.0✓ |
| 27 | -11° | 4871 | 18 | 58.2 | -11 | 51.7 | 7.5  |

-9° 5092 mag. 8.3 sup.  
 at north. -9° 5095 mag. 7.0  
 sup. at south.  
 -11° 4948 mag. 8.3  
 sup. pierced.  
 -11° 4870 mag. 8.8  
 sup. at north.



Friday, July 17, 1914  
B 10078 long

|   | No. | Int | Class          | Remark |
|---|-----|-----|----------------|--------|
| ✓ | 28  | 4   | A <sub>0</sub> | E      |
| ✓ | 29  | 4   | B <sub>8</sub> | E      |
| ✓ | 30  | 3   | G <sub>5</sub> |        |
| ✓ | 31  | 2   | A <sub>0</sub> |        |
| ✓ | 32  | 10  | A              | E      |
| ✓ | 33  | 4   | F <sub>0</sub> |        |
| ✓ | 34  | 2   | A <sub>0</sub> |        |
|   | 35  |     |                |        |

10:39

|          |         |           |      |   |
|----------|---------|-----------|------|---|
| 28 - 11° | 4852 18 | 55.2 - 11 | 23.7 | 6.7 ✓                                   |
| 29 - 10° | 4926 18 | 54.5 - 10 | 55.6 | 6.5 ✓                                   |
| 30 - 9°  | 4987 18 | 58.2 - 9  | 50.7 | 6.6 - 9° 4988 magn. 9.1<br>sup. foll.   |
| 31 - 9°  | 5000 18 | 59.4 - 9  | 37.8 | 8.5 - 9 5001 magn. 9.1<br>sup. at south |
| 32 - 5°  | 4876 18 | 58.6 - 5  | 5.5  | 3.0 ✓                                   |
| 33 - 6°  | 5077 19 | 7.6 - 6   | 17.3 | 6.5 ✓                                   |
| 34 - 6°  | 5096 19 | 11.1 - 6  | 1.6  | 7.8 ✓                                   |

Ident. on cards by Amc. July 28, 1915

Ident. in Book by M.A.H. Aug. 13, 1915.

Identification compared by G.R.B. August 14, 1915



Friday, July 17, 1914

B 44056 long

| 10:30 | No.  | Int. | Class          | Remark            |
|-------|------|------|----------------|-------------------|
|       | ✓ 1  | 4    | K <sub>0</sub> |                   |
|       | ✓ 2  | 10   | B <sub>0</sub> |                   |
|       | ✓ 3  | 1    | A <sub>0</sub> |                   |
|       | ✓ 4  | 2    | A <sub>2</sub> |                   |
|       | ✓ 5  | 3    | A <sub>2</sub> |                   |
|       | ✓ 6  | 4    | F <sub>0</sub> |                   |
|       | ✓ 7  | 8    | F <sub>2</sub> |                   |
|       | ✓ 8  | 3    | K <sub>2</sub> |                   |
|       | ✓ 9  | 3    | A <sub>2</sub> |                   |
|       | ✓ 10 | 4    | G <sub>0</sub> |                   |
|       | ✓ 11 | 2    | G <sub>0</sub> |                   |
|       | ✓ 12 | 4    | K <sub>2</sub> |                   |
|       | ✓ 13 | 4    | F <sub>5</sub> |                   |
|       | ✓ 14 | 3    | F <sub>8</sub> | Partly sup. on 13 |
|       | ✓ 15 | 6    | F <sub>0</sub> |                   |
|       | ✓ 16 | 4    | A <sub>2</sub> |                   |
|       | ✓ 17 | 2    | A <sub>2</sub> |                   |
|       | ✓ 18 | 3    | F <sub>r</sub> |                   |
|       | ✓ 19 | 2    | A <sub>0</sub> |                   |
|       | ✓ 20 | 3    | B <sub>9</sub> |                   |
|       | ✓ 21 | 5    | K <sub>5</sub> | E                 |
| 10:34 | ✓ 22 | 3    | F <sub>8</sub> | E                 |
|       | 23   |      |                |                   |
|       | 24   |      |                |                   |
|       | 25   |      |                |                   |
|       | 26   |      |                |                   |
|       | 27   |      |                |                   |

|          |      |    |           |      |       |
|----------|------|----|-----------|------|-------|
| 1 - 7°   | 4998 | 19 | 27.7 - 7  | 46.0 | 7.0 ✓ |
| 2 - 7°   | 5006 | 19 | 29.1 - 7  | 20.7 | 5.0 ✓ |
| 3 - 6°   | 5201 | 19 | 28.7 - 6  | 17.1 | 8.0 ✓ |
| 4 - 5°   | 5022 | 19 | 29.0 - 5  | 54.8 | 8.0 ✓ |
| 5 - 5°   | 5021 | 19 | 28.9 - 5  | 5.6  | 7.8 ✓ |
| 6 - 5°   | 5026 | 19 | 30.0 - 5  | 23.0 | 7.3 ✓ |
| 7 - 4°   | 4861 | 19 | 30.1 - 4  | 57.8 | 5.0 ✓ |
| 8 - 5°   | 5036 | 19 | 32.6 - 5  | 46.6 | 6.8 ✓ |
| 9 - 7°   | 5024 | 19 | 31.9 - 7  | 2.1  | 7.8 ✓ |
| 10 - 7°  | 5028 | 19 | 32.9 - 7  | 50.4 | 7.0 ✓ |
| 11 - 8°  | 5062 | 19 | 32.2 - 8  | 18.2 | 7.3 ✓ |
| 12 - 9°  | 5209 | 19 | 34.1 - 9  | 31.5 | 6.6 ✓ |
| 13 - 8°  | 5078 | 19 | 35.2 - 8  | 38.4 | 7.2 ✓ |
| 14 - 8°  | 5079 | 19 | 35.3 - 8  | 40.1 | 8.0 ✓ |
| 15 - 10° | 5140 | 19 | 30.8 - 10 | 28.9 | 7.1 ✓ |
| 16 - 10° | 5137 | 19 | 29.8 - 10 | 17.8 | 7.2 ✓ |
| 17 - 10° | 5135 | 19 | 29.7 - 10 | 3.3  | 8.0 ✓ |
| 18 - 7°  | 5056 | 19 | 37.7 - 7  | 21.6 | 7.2 ✓ |
| 19 - 4°  | 4877 | 19 | 33.1 - 4  | 21.7 | 7.5 ✓ |
| 20 - 4°  | 4883 | 19 | 34.1 - 4  | 36.9 | 7.7 ✓ |
| 21 - 3°  | 4612 | 19 | 23.1 - 3  | 4.8  | 5.7 ✓ |
| 22 - 2°  | 5054 | 19 | 28.3 - 2  | 45.7 | 7.7 ✓ |

Ident. on cards by Am.C. July 28, 1915

Ident. in Book by M.A.N. Aug. 3, 1915

Identification compared by S.R.B. August 14, 1915



Friday, July 17, 1914  
B 13464 short

|       | No.  | Int. | Class | Remark |
|-------|------|------|-------|--------|
| 10:40 | ✓ 1  | 4    | K2    |        |
|       | ✓ 2  | 1    | K5    |        |
|       | ✓ 3  | 1    | K5    |        |
|       | ✓ 4  | 3    | K0    |        |
|       | ✓ 5  | 4    | G5    |        |
|       | ✓ 6  | 5    | G5    |        |
|       | ✓ 7  | 7    | G2    |        |
|       | ✓ 8  | 2    | B9    |        |
|       | ✓ 9  | 4    | B3    |        |
|       | ✓ 10 | 9    | F0    |        |
|       | ✓ 11 | 8    | B9    |        |
|       | ✓ 12 | 4    | A0    |        |
|       | ✓ 13 | 3    | B3    |        |
|       | ✓ 14 | 2    | K2    |        |
|       | ✓ 15 | 9    | B8    |        |
|       | ✓ 16 | 4    | B9    |        |
|       | ✓ 17 | 3    | Ma    |        |
|       | ✓ 18 | 3    | K5    |        |
|       | ✓ 19 | 7    | K0    |        |
|       | ✓ 20 | 5    | A3    |        |
|       | ✓ 21 | 4    | A0    |        |
|       | ✓ 22 | 4    | G5    |        |
|       | ✓ 23 | 6    | G5    |        |
|       | ✓ 24 | 6    | B8    |        |
|       | ✓ 25 | 3    | F2    |        |
|       | ✓ 26 | 2    | K5    |        |
|       | ✓ 27 | 4    | A0    |        |

|    |                  |          |                    |          |            |   |
|----|------------------|----------|--------------------|----------|------------|---|
| 1  | +0° 4088         | 18       | 55.9 +0            | 22       | 7.5        | ✓   |
| 2  | -0° 3635         | 18       | 56.2 -0            | 16       | 8.5        | ✓   |
| 3  | -0° 3639         | 18       | 56.8 -0            | 30       | 8.2        | ✓   |
| 4  | -0° 3628         | 18       | 56.8 -0            | 45       | 8.2        | ✓   |
| 5  | -1° 3635         | 18       | 56.5 -1            | 0        | 8.2        | ✓   |
| 6  | -0° 3631<br>3632 | 18<br>18 | 55.3 -0<br>55.3 -0 | 55<br>55 | 8.5<br>8.5 | ✓<br>Bottle classified? <i>yes. A. J. C.</i><br><i>see chart plate.</i> |
| 7  | -1° 3631         | 18       | 56.3 -1            | 24       | 8.5        | ✓   |
| 8  | -2° 4839<br>4854 | 18<br>18 | 56.3 -2<br>58.6 -2 | 4<br>3   | 8.3<br>9.2 | ✓<br>✓  |
| 9  | -2° 4840         | 18       | 56.6 -2            | 14       | 8.5        | ✓   |
| 10 | -1° 3642         | 18       | 57.8 -1            | 44       | 6.5        | ✓   |
| 11 | -1° 3641         | 18       | 57.8 -1            | 9        | 7.1        | ✓   |
| 12 | -0° 3648         | 18       | 58.4 -0            | 54       | 8.6        | ✓   |
| 13 | -1° 3648         | 18       | 58.6 -1            | 3        | 8.5        | ✓   |
| 14 | -1° 3648         | 18       | 58.7 -1            | 20       | 8.2        | ✓   |
| 15 | -1° 3649         | 18       | 59.1 -1            | 33       | 6.8        | ✓   |
| 16 | -1° 3653         | 18       | 59.4 -1            | 57       | 8.0        | ✓   |
| 17 | -1° 3657         | 19<br>18 | 0.0 -1             | 20       | 7.5        | ✓   |
| 18 | -1° 3662         | 19       | 0.5 -1             | 29       | 8.2        | ✓   |
| 19 | -2° 4872         | 19       | 1.2 -2             | 31       | 7.0        | ✓   |
| 20 | -3° 4485         | 19       | 0.0 -3             | 3        | 8.2        | ✓   |
| 21 | -3° 4486         | 19       | 0.3 -3             | 17       | 8.5        | ✓   |
| 22 | -3° 4499         | 19       | 2.2 -3             | 54       | 8.0        | ✓   |
| 23 | -2° 4881         | 19       | 3.6 -2             | 52       | 7.7        | ✓   |
| 24 | -3° 4505         | 19       | 4.1 -3             | 18       | 8.0        | ✓   |
| 25 | -3° 4514         | 19       | 5.4 -3             | 39       | 9.0        | ✓   |
| 26 | -3° 4513         | 19       | 5.4 -3             | 47       | 8.5        | ✓<br>-3° 4511 19 5.3 -3 418 9.1 super.                                  |
| 27 | -3° 4516         | 19       | 5.6 -3             | 41       | 8.5        | ✓   |



Friday July 17, 1914  
B 13464 short

| No.  | Int. | Class          | Remark |
|------|------|----------------|--------|
| ✓ 28 | 5    | G <sub>0</sub> |        |
| ✓ 29 | 6    | B <sub>9</sub> |        |
| ✓ 30 | 5    | F <sub>8</sub> |        |
| ✓ 31 | 2    | K <sub>2</sub> |        |
| ✓ 32 | 5    | K <sub>2</sub> |        |
| ✓ 33 | 1    | K <sub>2</sub> |        |
| ✓ 34 | 3    | A <sub>3</sub> |        |
| ✓ 35 | 4    | F <sub>5</sub> |        |
| ✓ 36 | 4    | F <sub>0</sub> |        |
| ✓ 37 | 4    | A <sub>0</sub> |        |
| ✓ 38 | 4    | B <sub>8</sub> |        |
| ✓ 39 | 2    | K <sub>2</sub> |        |
| ✓ 40 | 3    | F <sub>5</sub> |        |
| ✓ 41 | 5    | K <sub>2</sub> |        |
| ✓ 42 | 3    | B <sub>9</sub> |        |
| ✓ 43 | 4    | B <sub>9</sub> |        |
| ✓ 44 | 8    | A <sub>3</sub> |        |
| ✓ 45 | 4    | B <sub>9</sub> |        |
| ✓ 46 | 4    | B <sub>8</sub> |        |
| ✓ 47 | 9    | F <sub>2</sub> |        |
| ✓ 48 | 4    | A <sub>0</sub> |        |
| ✓ 49 | 3    | F <sub>2</sub> |        |
| ✓ 50 | 10   | A              |        |
| ✓ 51 | 5    | K <sub>2</sub> |        |
| ✓ 52 | 6    | B <sub>8</sub> |        |
| ✓ 53 | 3    | B <sub>9</sub> |        |
| ✓ 54 | 4    | K <sub>0</sub> |        |

|    |     |      |    |      |    |         |     |                                    |
|----|-----|------|----|------|----|---------|-----|------------------------------------|
| 28 | -3° | 4522 | 19 | 6.7  | -3 | 44      | 7.8 | ✓                                  |
| 29 | -3° | 4526 | 19 | 7.2  | -3 | 38      | 8.7 | ✓                                  |
| 30 | -3° | 4530 | 19 | 7.5  | -3 | 34      | 8.3 | ✓                                  |
| 31 | -3° | 4532 | 19 | 7.6  | -3 | 36      | 8.5 | ✓                                  |
| 32 | -3° | 4535 | 19 | 7.8  | -3 | 22      | 7.8 | ✓                                  |
| 33 | -3° | 4536 | 19 | 8.0  | -3 | 17      | 8.6 | ✓                                  |
| 34 | -3° | 4538 | 19 | 8.1  | -3 | 8       | 9.0 | ✓                                  |
| 35 | -2° | 4912 | 19 | 8.2  | -2 | 50      | 8.3 | ✓                                  |
| 36 | -2° | 4916 | 19 | 8.7  | -2 | 55      | 8.5 | ✓                                  |
| 37 | -2° | 4918 | 19 | 8.8  | -2 | 23      | 8.5 | ✓                                  |
| 38 | -2° | 4920 | 19 | 9.0  | -2 | 28      | 8.6 | ✓                                  |
| 39 | -2° | 4924 | 19 | 9.4  | -2 | 12      | 8.3 | ✓                                  |
| 40 | -1° | 3693 | 19 | 8.4  | -1 | 59      | 8.9 | ✓                                  |
| 41 | -1° | 3683 | 19 | 6.8  | -1 | 23      | 7.4 | ✓                                  |
| 42 | -1° | 3686 | 19 | 7.1  | -1 | 33      | 9.0 | ✓                                  |
| 43 | -2° | 4897 | 19 | 6.3  | -2 | 5       | 8.3 | ✓                                  |
| 44 | -1° | 3701 | 19 | 10.5 | -1 | 12      | 7.5 | ✓                                  |
| 45 | -1° | 3706 | 19 | 11.2 | -1 | 50      | 8.3 | ✓                                  |
| 46 | -1° | 3711 | 19 | 12.6 | -1 | 51      | 8.7 | ✓                                  |
| 47 | -1° | 3715 | 19 | 12.9 | -1 | 34      | 7.0 | ✓                                  |
| 48 | -1° | 3714 | 19 | 12.9 | -1 | 25      | 8.6 | ✓                                  |
| 49 | -1° | 3713 | 19 | 12.6 | -1 | 8       | 8.9 | ✓                                  |
| 50 | -1° | 3716 | 19 | 13.1 | -1 | 9       | 5.3 | ✓                                  |
| 51 | -1° | 3720 | 19 | 13.6 | -1 | 26      | 7.2 | ✓                                  |
| 52 | -2° | 4956 | 19 | 14.2 | -2 | 6       | 8.0 | ✓                                  |
| 53 | -2° | 4954 | 19 | 14.2 | -2 | 51      | 9.0 | ✓                                  |
| 54 | -2° | 4946 | 19 | 13.0 | -2 | 43      | 7.3 | ✓                                  |
|    |     |      |    |      |    | 2° 4953 | 19  | 14.2 -2 52 9.2 <sup>sup</sup> per. |



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B13464 short

| No.  | Int             | Class   | Remark            |
|------|-----------------|---|-------------------|
| ✓ 55 | 3               | K <sub>0</sub>                                  |                   |
| ✓ 56 | 3               | K <sub>2</sub>                                  |                   |
| ✓ 57 | 3               | B <sub>8</sub>                                  |                   |
| ✓ 58 | 3               | A <sub>2</sub>                                  |                   |
| ✓ 59 | 3               | K <sub>2</sub>                                  |                   |
| ✓ 60 | 2               | a another star same class sup. at mt            |                   |
| ✓ 61 | 3               | A <sub>5</sub>                                  |                   |
| ✓ 62 | 1               | K <sub>0</sub> star sup. at S probably Class G. |                   |
| ✓ 63 | 3               | A <sub>5</sub>                                  |                   |
| ✓ 64 | 3               | K <sub>5</sub>                                  |                   |
| ✓ 65 | 5               | A <sub>0</sub>                                  |                   |
| ✓ 66 | 7               | F <sub>5</sub>                                  |                   |
| ✓ 67 | 4               | F <sub>5</sub>                                  |                   |
| ✓ 68 | 10 <sup>+</sup> | G <sub>2</sub>                                  |                   |
| ✓ 69 | 3               | B <sub>9</sub>                                  |                   |
| ✓ 70 | 3               | A <sub>3</sub>                                  |                   |
| ✓ 71 | 7               | F <sub>5</sub>                                  |                   |
| ✓ 72 | 7               | A <sub>2</sub>                                  |                   |
| ✓ 73 | 9               | F <sub>0</sub>                                  |                   |
| ✓ 74 | 2               | K <sub>2</sub>                                  |                   |
| ✓ 75 | 2               | G <sub>5</sub>                                  |                   |
| ✓ 76 | 2               | A <sub>0</sub>                                  |                   |
| ✓ 77 | 8               | B <sub>9</sub>                                  |                   |
| ✓ 78 | 2               | B <sub>9</sub>                                  | Partly sup. on 77 |
| ✓ 79 | 4               | F <sub>2</sub>                                  |                   |
| ✓ 80 | 7               | B <sub>9</sub>                                  |                   |
| ✓ 81 | 5               | B <sub>8</sub>                                  |                   |

|    |          |    |          |    |     |                                    |
|----|----------|----|----------|----|-----|------------------------------------|
| 55 | -2° 4943 | 19 | 12.7 - 2 | 52 | 7.8 | ✓                                  |
| 56 | -4° 4768 | 19 | 11.2 - 4 | 2  | 8.2 | ✓                                  |
| 57 | -3° 4553 | 19 | 10.4 - 3 | 44 | 9.0 | ✓                                  |
| 58 | -3° 4548 | 19 | 9.6 - 3  | 38 | 8.7 | ✓                                  |
| 59 | -4° 4751 | 19 | 9.4 - 4  | 32 | 8.2 | ✓                                  |
| 60 | -4° 4740 | 19 | 7.9 - 4  | 26 | 9.2 | -4° 4739 19 7.9 - 4 25 9.1 super.  |
| 61 | -4° 4737 | 19 | 7.6 - 4  | 12 | 8.4 | ✓                                  |
| 62 | -4° 4732 | 19 | 7.4 - 4  | 43 | 9.0 | -4° 4733 19 7.4 - 4 45 9.1 super.  |
| 63 | -5° 4934 | 19 | 11.9 - 5 | 8  | 8.3 | ✓                                  |
| 64 | -4° 4781 | 19 | 13.1 - 4 | 46 | 7.0 | ✓                                  |
| 65 | -5° 4942 | 19 | 14.1 - 5 | 5  | 8.2 | ✓                                  |
| 66 | -5° 4945 | 19 | 14.4 - 5 | 0  | 7.5 | -5° 4946 19 14.4 - 5 0 9.4 super.  |
| 67 | -4° 4787 | 19 | 14.7 - 4 | 45 | 8.5 | ✓                                  |
| 68 | -5° 4936 | 19 | 12.8 - 5 | 41 | 8.0 | ✓                                  |
| 69 | -5° 4938 | 19 | 13.0 - 5 | 50 | 8.3 | ✓                                  |
| 70 | -5° 4933 | 19 | 11.7 - 5 | 52 | 8.5 | ✓                                  |
| 71 | -5° 4956 | 19 | 16.4 - 5 | 47 | 7.4 | ✓                                  |
| 72 | -5° 4961 | 19 | 17.0 - 5 | 42 | 7.6 | ✓                                  |
| 73 | -5° 4964 | 19 | 17.3 - 5 | 10 | 6.8 | ✓                                  |
| 74 | -4° 4799 | 19 | 16.7 - 4 | 34 | 8.0 | ✓                                  |
| 75 | -4° 4805 | 19 | 17.8 - 4 | 1  | 8.0 | ✓                                  |
| 76 | -3° 4577 | 19 | 15.2 - 3 | 9  | 8.8 | ✓                                  |
| 77 | -3° 4573 | 19 | 14.9 - 3 | 59 | 7.0 | ✓                                  |
| 78 | -3° 4572 | 19 | 14.8 - 3 | 54 | 8.7 | ✓                                  |
| 79 | -2° 4982 | 19 | 17.8 - 2 | 23 | 8.7 | -2° 4983 19 17.8 - 2 23 9.1 super. |
| 80 | -2° 4986 | 19 | 18.1 - 2 | 20 | 7.0 | ✓                                  |
| 81 | -2° 4992 | 19 | 18.8 - 2 | 12 | 7.8 | ✓                                  |



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B 13464 short

| No.   | Foot. | Class  | Remark |
|-------|-------|--|--------|
| ✓ 82  | 5     | B <sub>3</sub>   |        |
| ✓ 83  | 6     | B <sub>5</sub>   |        |
| ✓ 84  | 5     | B <sub>9</sub>   |        |
| ✓ 85  | 3     | K <sub>2</sub>   |        |
| ✓ 86  | 4     | F <sub>5</sub>   |        |
| ✓ 87  | 3     | F <sub>2</sub>   |        |
| ✓ 88  | 6     | B <sub>8</sub>   |        |
| ✓ 89  | 2     | K <sub>5</sub>   |        |
| ✓ 90  | 2     | A <sub>0</sub>   |        |
| ✓ 91  | 6     | B <sub>9</sub>   |        |
| ✓ 92  | 4     | A <sub>3</sub>   |        |
| ✓ 93  | 1     | K <sub>0</sub>   |        |
| ✓ 94  | 3     | A <sub>2</sub>   |        |
| ✓ 95  | 9     | K <sub>0</sub>   |        |
| ✓ 96  | 6     | F <sub>8</sub>   |        |
| ✓ 97  | 4     | Comp. Br. = F <sub>5</sub> Fe. = A <sub>5</sub> K = 0.5H |        |
| ✓ 98  | 7     | A <sub>5</sub>   |        |
| ✓ 99  | 3     | B <sub>8</sub>   |        |
| ✓ 100 | 2     | B <sub>3</sub>   |        |
| ✓ 101 | 8     | K <sub>0</sub>   |        |
| ✓ 102 | 9     | F <sub>5</sub>   |        |
| ✓ 103 | 10    | K <sub>0</sub>   |        |
| ✓ 104 | 3     | B <sub>5</sub>   |        |
| ✓ 105 | 3     | K <sub>0</sub>   |        |
| ✓ 106 | 3     | K <sub>2</sub>   |        |
| ✓ 107 | 2     | F <sub>8</sub>   |        |
| ✓ 108 | 4     | B <sub>9</sub>   |        |

|     |                     |               |                    |               |                |   |
|-----|---------------------|---------------|--------------------|---------------|----------------|---|
| 82  | -2° 4998            | 19            | 19.8 -2            | 18            | 7.5            | ✓ |
| 83  | -1° 3749            | 19            | 20.6 -1            | 23            | 8.3            | ✓ |
| 84  | -1° 3747            | 19            | 20.6 -1            | 38            | 8.3            | ✓ |
| 85  | -1° 3753            | 19            | 21.8 -1            | 41            | 8.0            | ✓ |
| 86  | -1° 3744            | 19            | 19.5 -1            | 11            | 8.2            | ✓ |
| 87  | -1° 3742            | 19            | 19.2 -1            | 7             | 8.7            | ✓ |
| 88  | -0° 3742            | 19            | 18.9 -0            | 23            | 8.6            | ✓ |
| 89  | -0° 3737            | 19            | 18.1 -0            | 13            | 8.5            | ✓ |
| 90  | -0° 3733            | 19            | 16.8 -0            | 8             | 9.1            | ✓ |
| 91  | -0° 3731            | 19            | 16.1 -0            | 48            | 8.2            | ✓ |
| 92  | -1° 3730            | 19            | 16.0 -1            | 38            | 8.8            | ✓ |
|     | <del>-1° 3720</del> | <del>19</del> | <del>13.6 -1</del> | <del>26</del> | <del>7.2</del> | ✓ |
| 93  | -1° 3736            | 19            | 17.6 -1            | 39            | 8.8            | ✓ |
| 94  | -0° 3726            | 19            | 15.2 -0            | 34            | 8.7            | ✓ |
| 95  | -0° 3725            | 19            | 14.9 -0            | 33            | 5.0            | ✓ |
| 96  | +0° 4186            | 19            | 14.9 +0            | 7             | 7.5            | ✓ |
| 97  | +0° 4182            | 19            | 14.2 +0            | 10            | 7.7            | ✓ |
| 98  | +0° 4180            | 19            | 13.5 +0            | 38            | 7.8            | ✓ |
| 99  | -0° 3705            | 19            | 12.3 -0            | 18            | 8.7            | ✓ |
| 100 | +0° 4173            | 19            | 11.6 +0            | 15            | 8.8            | ✓ |
| 101 | +0° 4170            | 19            | 11.4 +0            | 5             | 7.0            | ✓ |
| 102 | +0° 4166            | 19            | 11.1 +0            | 10            | 7.0            | ✓ |
| 103 | +0° 4168            | 19            | 11.2 +0            | 50            | 5.0            | ✓ |
|     | <del>+0° 4166</del> | <del>19</del> | <del>11.2 +0</del> | <del>10</del> | <del>7.0</del> | ✓ |
| 104 | +0° 4159            | 19            | 9.9 +0             | 49            | 8.2            | ✓ |
| 105 | +0° 4157            | 19            | 9.7 +0             | 29            | 7.8            | ✓ |
| 106 | +0° 4158            | 19            | 9.8 +0             | 15            | 7.5            | ✓ |
| 107 | -0° 3694            | 19            | 10.4 -0            | 18            | 8.9            | ✓ |
| 108 | +1° 3927            | 19            | 5.0 +1             | 8             | 8.8            | ✓ |



Friday, July 17, 1914

B 13464 short

| No.         | Int. | Class | Remark |
|-------------|------|-------|--------|
| ✓ 109       | 4    | B5    |        |
| ✓ 110       | 4    | B8    |        |
| ✓ 111       | 4    | F8    |        |
| ✓ 112       | 2    | Ly    |        |
| ✓ 113       | 7    | Ly    |        |
| ✓ 114       | 7    | F5    |        |
| ✓ 115       | 7    | Ly    |        |
| ✓ 116       | 10   | B9    |        |
| ✓ 117       | 10   | B8    |        |
| ✓ 118       | 3    | K5    |        |
| ✓ 119       | 3    | F8    |        |
| 11:00 ✓ 120 | 2    | Ly    |        |

121 4 K0

|     |     |       |    |      |    |    |     |   |
|-----|-----|-------|----|------|----|----|-----|---|
| 109 | +0° | 41133 | 19 | 4.7  | +0 | 41 | 8.9 | ✓ |
| 110 | +0° | 41126 | 19 | 3.9  | +0 | 29 | 8.9 | ✓ |
| 111 | +0° | 41124 | 19 | 2.2  | +0 | 28 | 8.8 | ✓ |
| 112 | +0° | 41123 | 19 | 3.1  | +0 | 46 | 9.1 | ✓ |
| 113 | +0° | 41122 | 19 | 2.8  | +0 | 43 | 7.8 | ✓ |
| 114 | +1° | 3905  | 19 | 1.7  | +1 | 8  | 8.0 | ✓ |
| 115 | +1° | 3899  | 19 | 0.9  | +1 | 5  | 7.5 | ✓ |
| 116 | +0  | 4106  | 18 | 59.8 | +0 | 26 | 7.0 | ✓ |
| 117 | -0° | 3662  | 19 | 2.4  | -0 | 39 | 7.0 | ✓ |
| 118 | -0° | 3666  | 19 | 3.1  | -0 | 56 | 8.5 | ✓ |
| 119 | -1° | 3677  | 19 | 2.7  | -1 | 18 | 8.5 | ✓ |
| 120 | -0° | 3674  | 19 | 4.9  | -0 | 8  | 8.6 | ✓ |

Ident. on cards by Amc. Jan. 12, 1915

Identified in Book Jan 15 1915 J.D.W.

Identification compared by G.R.B. Jan. 15, 1915

✓ 121 - 4 4683

-8.1 126 on B 3841



Tuesday, July 21, 1914  
B23253 short

|       | No.  | Int. | Class          | Remark            |
|-------|------|------|----------------|-------------------|
| 10:30 | ✓ 1  | 3    | K <sub>2</sub> |                   |
|       | ✓ 2  | 1    | K <sub>2</sub> |                   |
|       | ✓ 3  | 2    | A <sub>0</sub> |                   |
|       | ✓ 4  | 5    | K <sub>0</sub> |                   |
|       | ✓ 5  | 2    | A <sub>3</sub> |                   |
|       | ✓ 6  | 2    | F <sub>8</sub> |                   |
|       | ✓ 7  | 2    | F <sub>8</sub> |                   |
|       | ✓ 8  | 1    | A <sub>0</sub> |                   |
|       | ✓ 9  | 2    | F <sub>5</sub> |                   |
|       | ✓ 10 | 4    | B <sub>9</sub> |                   |
|       | ✓ 11 | 2    | K <sub>0</sub> |                   |
|       | ✓ 12 | 3    | G <sub>0</sub> |                   |
|       | ✓ 13 | 3    | G <sub>0</sub> |                   |
|       | ✓ 14 | 1    | K <sub>0</sub> |                   |
|       | ✓ 15 | 1    | K <sub>0</sub> |                   |
|       | ✓ 16 | 1    | K <sub>5</sub> |                   |
|       | ✓ 17 | 2    | A <sub>2</sub> |                   |
|       | ✓ 18 | 2    | F <sub>8</sub> |                   |
|       | ✓ 19 | 3    | F <sub>8</sub> |                   |
|       | ✓ 20 | 2    | B <sub>9</sub> |                   |
|       | ✓ 21 | 1    | K <sub>0</sub> |                   |
|       | ✓ 22 | 2    | K <sub>5</sub> |                   |
|       | ✓ 23 | 3    | G <sub>5</sub> |                   |
|       | ✓ 24 | 3    | A <sub>0</sub> | Partly sup. on 25 |
|       | ✓ 25 | 3    | B <sub>9</sub> |                   |
|       | ✓ 26 | 2    | K <sub>2</sub> |                   |
|       | ✓ 27 | 2    | K <sub>2</sub> |                   |

|    |  |    |                   |    |    |     |   |
|----|--|----|-------------------|----|----|-----|---|
| 1  | +0° 4090                               | 18 | 56.2 <sup>4</sup> | +0 | 33 | 9.1 | ✓ |
| 2  | +0° 4089                               | 18 | 56.1              | +0 | 6  | 9.1 | ✓ |
| 3  | +0° 4091                               | 18 | 56.6              | +0 | 4  | 9.4 | ✓ |
| 4  | +0° 4096                               | 18 | 57.5              | +0 | 1  | 8.7 | ✓ |
| 5  | +0° 4100                               | 18 | 58.1              | +0 | 11 | 9.5 | ✓ |
| 6  | +0° 4099                               | 18 | 58.1              | +0 | 0  | 9.3 | ✓ |
| 7  | -0° 3651                               | 18 | 58.8              | -0 | 11 | 9.5 | ✓ |
| 8  | -0° 3647                               | 18 | 58.4              | -0 | 24 | 9.5 | ✓ |
| 9  | -0° <del>3645</del><br><del>3644</del> | 18 | 58.1              | -0 | 28 | 9.5 | ✓ |
| 10 | -0° 3646                               | 18 | 58.1              | -0 | 42 | 9.2 | ✓ |
| 11 | <del>-0° 3644</del><br><del>4902</del> | 18 | 57.9              | -0 | 48 | 9.1 | ✓ |
| 12 | -0° 3643                               | 18 | 57.5              | -0 | 50 | 9.2 | ✓ |
| 13 | -1° 3629                               | 18 | 55.8              | -1 | 7  | 9.2 | ✓ |
| 14 | -1° 3627                               | 18 | 55.1              | -1 | 4  | 9.3 | ✓ |
| 15 | -1° 3624                               | 18 | 54.6              | -1 | 2  | 9.5 | ✓ |
| 16 | -1° 3623                               | 18 | 54.2              | -1 | 16 | 9.3 | ✓ |
| 17 | -0° 3628                               | 18 | 54.2              | -0 | 21 | 9.3 | ✓ |
| 18 | -1° 3628                               | 18 | 55.6              | -1 | 59 | 9.5 | ✓ |
| 19 | -2° 4837                               | 18 | 53.8              | -2 | 20 | 9.3 | ✓ |
| 20 | -2° 4835                               | 18 | 53.7              | -2 | 44 | 9.3 | ✓ |
| 21 | -2° 4825                               | 18 | 57.7              | -2 | 36 | 9.3 | ✓ |
| 22 | -2° 4851                               | 18 | 58.3              | -2 | 25 | 9.0 | ✓ |
| 23 | -2° 4853                               | 18 | 58.5              | -2 | 28 | 9.0 | ✓ |
| 24 | -1° 3646                               | 18 | 58.6              | -1 | 57 | 9.2 | ✓ |
| 25 | -2° 4854                               | 18 | 58.6              | -2 | 3  | 9.2 | ✓ |
| 26 | -1° 3650                               | 18 | 59.2              | -1 | 48 | 9.2 | ✓ |
| 27 | -1° 3655                               | 18 | 59.7              | -1 | 52 | 9.5 | ✓ |



Tuesday, July 21, 1914  
B 23253 short

| No.  | Int. | Class | Remark                  |
|------|------|-------|-------------------------|
| ✓ 28 | 1    | A0    | Partly sup. on 29       |
| ✓ 29 | 3    | F8    |                         |
| ✓ 30 | 1    | F8    |                         |
| ✓ 31 | 2    | B9    |                         |
| ✓ 32 | 3    | F5    |                         |
| ✓ 33 | 2    | F5    |                         |
| ✓ 34 | 2    | F5    |                         |
| ✓ 35 | 3    | A0    |                         |
| ✓ 36 | 4    | F5    |                         |
| ✓ 37 | 2    | F0    |                         |
| ✓ 38 | 1    | F8    |                         |
| ✓ 39 | 3    | A3    |                         |
| ✓ 40 | 5    | F2    |                         |
| ✓ 41 | 2    | K2    |                         |
| ✓ 42 | 5    | F8    |                         |
| ✓ 43 | 3    | B9    |                         |
| ✓ 44 | 2    | F8    |                         |
| ✓ 45 | 1    | K0    |                         |
| ✓ 46 | 4    | F8    | another star sup. at m. |
| ✓ 47 | 4    | B8    |                         |
| ✓ 48 | 3    | G0    |                         |
| ✓ 49 | 2    | A0    | another star sup. s.f.  |
| ✓ 50 | 3    | B9    |                         |
| ✓ 51 | 1    | K0    |                         |
| ✓ 52 | 3    | A0    |                         |
| ✓ 53 | 5    | G0    |                         |
| ✓ 54 | 2    | A2    |                         |

|    |              |                         |    |                       |    |                    |                       |                                  |
|----|--------------|-------------------------|----|-----------------------|----|--------------------|-----------------------|----------------------------------|
| 28 | $-1^{\circ}$ | 3658                    | 19 | 0.1                   | -1 | 57                 | 9.5                   | ✓                                |
| 29 | $-1^{\circ}$ | 3659                    | 19 | 0.1                   | -1 | 58                 | 9.1                   | ✓                                |
| 30 | $-1^{\circ}$ | 3656                    | 18 | 59.8                  | -1 | 36                 | 9.5                   | ✓                                |
| 31 | $-1^{\circ}$ | 3661                    | 19 | 0.4                   | -1 | 15                 | 9.2                   | ✓                                |
| 32 | $-1^{\circ}$ | 3663                    | 19 | 0.6                   | -1 | 9                  | 9.2                   | ✓                                |
| 33 | $-0^{\circ}$ | 3656                    | 19 | 0.9                   | -0 | 46                 | 9.3                   | ✓                                |
| 34 | $-0^{\circ}$ | 3653                    | 19 | 0.6                   | -0 | 25                 | 9.5                   | ✓                                |
| 35 | $-0^{\circ}$ | 3653                    | 18 | 59.7                  | -0 | 53                 | 9.3                   | ✓                                |
| 36 | $+0^{\circ}$ | 4112                    | 19 | 0.7                   | +0 | 3                  | 9.2                   | ✓                                |
| 37 | $+0^{\circ}$ | 4113                    | 19 | 1.4                   | +0 | 6                  | 9.5                   | ✓                                |
| 38 | $-0^{\circ}$ | 3657                    | 19 | 1.2                   | -0 | 14                 | 9.5                   | ✓                                |
| 39 | $-0^{\circ}$ | 3659                    | 19 | 1.6                   | -0 | 24                 | 9.3                   | ✓                                |
| 40 | $-0^{\circ}$ | 3660                    | 19 | 2.4                   | -0 | 31                 | 9.0                   | ✓                                |
| 41 | $-0^{\circ}$ | 3664                    | 19 | 2.7                   | -0 | 40                 | 9.0                   | ✓                                |
| 42 | $-0^{\circ}$ | 3663                    | 19 | 2.5                   | -0 | 48                 | 8.7                   | ✓                                |
| 43 | $-0^{\circ}$ | 3665                    | 19 | 2.7                   | -0 | 60                 | 9.1                   | ✓                                |
| 44 | $-1^{\circ}$ | 3669                    | 19 | 2.0                   | -1 | 4                  | 9.5                   | ✓                                |
| 45 | $-0^{\circ}$ | 3658                    | 19 | 1.5                   | -0 | 57                 | 9.4                   | ✓                                |
| 46 | $-1^{\circ}$ | 3666                    | 19 | 1.3                   | -1 | 33                 | 9.3                   | star superposed not in our cat.  |
| 47 | $-1^{\circ}$ | 3668                    | 19 | 1.7                   | -1 | 56                 | 9.3                   | ✓                                |
| 48 | $-1^{\circ}$ | 3670                    | 19 | 2.0                   | -1 | 24                 | 9.5                   | ✓                                |
| 49 | $-1^{\circ}$ | 3671                    | 19 | 2.1                   | -1 | 24                 | 9.5                   | star superposed. not in our cat. |
| 50 | $-1^{\circ}$ | 3676                    | 19 | 2.6                   | -1 | 11                 | 9.3                   | ✓                                |
| 51 | $-0^{\circ}$ | 3669                    | 19 | 3.7                   | -0 | 53                 | 9.3                   | ✓                                |
| 52 | $-0^{\circ}$ | <del>3673</del><br>3674 | 19 | <del>4.8</del><br>4.9 | -0 | <del>51</del><br>8 | <del>9.4</del><br>8.6 | ✓                                |
| 53 | $-0^{\circ}$ | 3676                    | 19 | 5.9                   | -0 | 49                 | 9.1                   | ✓                                |
| 54 | $-0^{\circ}$ | 3677                    | 19 | 6.5                   | -0 | 39                 | 9.2                   | ✓                                |



Tuesday, July 21, 1914  
B 23253 short

| No.  | Int. | Class          | Remark |
|------|------|----------------|--------|
| ✓ 55 | 1    | K <sub>0</sub> |        |
| ✓ 56 | 5    | G <sub>0</sub> |        |
| ✓ 57 | 4    | G <sub>5</sub> |        |
| ✓ 58 | 3    | G <sub>0</sub> |        |
| ✓ 59 | 2    | K <sub>0</sub> |        |
| ✓ 60 | 5    | G <sub>0</sub> |        |
| ✓ 61 | 1    | B <sub>9</sub> |        |
| ✓ 62 | 3    | B <sub>8</sub> |        |
| ✓ 63 | 1    | G <sub>5</sub> |        |
| ✓ 64 | 4    | K <sub>0</sub> |        |
| ✓ 65 | 2    | B <sub>8</sub> |        |
| ✓ 66 | 4    | B <sub>5</sub> |        |
| ✓ 67 | 1    | G <sub>0</sub> |        |
| ✓ 68 | 1    | B <sub>9</sub> |        |
| ✓ 69 | 4    | A <sub>8</sub> |        |
| ✓ 70 | 3    | F <sub>5</sub> |        |
| ✓ 71 | 2    | A <sub>2</sub> |        |
| ✓ 72 | 4    | F <sub>5</sub> |        |
| ✓ 73 | 2    | F              |        |
| ✓ 74 | 3    | F <sub>5</sub> |        |
| ✓ 75 | 1    | A <sub>0</sub> |        |
| ✓ 76 | 2    | F <sub>5</sub> |        |
| ✓ 77 | 1    | K <sub>5</sub> |        |
| ✓ 78 | 3    | A <sub>3</sub> |        |
| ✓ 79 | 1    | K <sub>2</sub> |        |
| ✓ 80 | 3    | F <sub>8</sub> |        |
| ✓ 81 | 2    | G <sub>5</sub> |        |

|    |   |    |                  |    |    |     |   |
|----|---|----|------------------|----|----|-----|---|
| 55 | $-0^{\circ} 3680$   | 19 | 6.7              | -0 | 47 | 9.5 | ✓ |
| 56 | $-0^{\circ} 3678$   | 19 | 6.5              | -0 | 8  | 8.3 | ✓ |
| 57 | $-0^{\circ} 3679$   | 19 | 6.6              | -0 | 7  | 8.1 | ✓ |
| 58 | $+0^{\circ} 4147$   | 19 | 6.9              | +0 | 3  | 9.2 | ✓ |
| 59 | $+0^{\circ} 4146$   | 19 | 6.9              | +0 | 28 | 9.3 | ✓ |
| 60 | $+0^{\circ} 4149$   | 19 | 7.0              | +0 | 38 | 9.1 | ✓ |
| 61 | $+0^{\circ} 4143$   | 19 | 6.5              | +0 | 46 | 9.5 | ✓ |
| 62 | $+0^{\circ} 4139$   | 19 | 5.9              | +0 | 19 | 9.3 | ✓ |
| 63 | $+0^{\circ} 4136$   | 19 | 5.6              | +0 | 14 | 9.5 | ✓ |
| 64 | $-0^{\circ} 3672$   | 19 | 4.2              | -0 | 18 | 8.9 | ✓ |
| 65 | $+0^{\circ} 4120$   | 19 | 2.5              | +0 | 4  | 9.3 | ✓ |
| 66 | $+0^{\circ} 4118$   | 19 | 2.3              | +0 | 42 | 9.0 | ✓ |
| 67 | Approx. pos. (1955)                                       | 19 | 1.4 <sup>3</sup> | +0 | 32 | ✓   | ✓ |
| 68 | $+0^{\circ} 4115$   | 19 | 1.5              | +0 | 41 | 9.5 | ✓ |
| 69 | $+1^{\circ} 3896$   | 19 | 0.4              | +1 | 0  | 9.0 | ✓ |
| 70 | $+0^{\circ} 4108^?$                                       | 18 | 59.8             | +0 | 41 | 9.5 | ✓ |
| 71 | $+0^{\circ} 4104$   | 18 | 59.6             | +0 | 40 | 9.5 | ✓ |
| 72 | $+1^{\circ} 3883$   | 18 | 58.6             | +1 | 37 | 9.3 | ✓ |
| 73 | $+1^{\circ} 3886$   | 18 | 58.9             | +1 | 23 | 9.4 | ✓ |
| 74 | $+1^{\circ} 3890$   | 18 | 59.4             | +1 | 31 | 9.5 | ✓ |
| 75 | $+1^{\circ} 3885$   | 18 | 58.9             | +1 | 8  | 9.5 | ✓ |
| 76 | $+1^{\circ} 3881$   | 18 | 58.1             | +1 | 0  | 9.2 | ✓ |
| 77 | Approx. 1955 pos. <del><math>+1^{\circ} 3881</math></del> | 18 | 58.0             | +0 | 52 | ✓   | ✓ |
| 78 | $+0^{\circ} 4085$   | 18 | 55.2             | +0 | 15 | 9.3 | ✓ |
| 79 | $+0^{\circ} 4087$   | 18 | 55.2             | +0 | 18 | 9.2 | ✓ |
| 80 | $-2^{\circ} 4901$   | 19 | 6.5              | -2 | 4  | 8.9 | ✓ |
| 81 | $-1^{\circ} 3682$   | 19 | 6.6              | -1 | 57 | 9.3 | ✓ |



Tuesday, July 21, 1914  
B 23253 short

| No.   | Int. | Class          | Remark |
|-------|------|----------------|--------|
| ✓ 82  | 1    | Fr             |        |
| ✓ 83  | 3    | A <sub>2</sub> |        |
| ✓ 84  | 1    | K <sub>0</sub> |        |
| ✓ 85  | 3    | K <sub>0</sub> |        |
| ✓ 86  | 2    | K <sub>0</sub> |        |
| ✓ 87  | 2    | K <sub>0</sub> |        |
| ✓ 88  | 4    | K <sub>2</sub> |        |
| ✓ 89  | 3    | G <sub>5</sub> |        |
| ✓ 90  | 2    | B <sub>9</sub> |        |
| ✓ 91  | 1    | K <sub>0</sub> |        |
| ✓ 92  | 2    | Fr             |        |
| ✓ 93  | 3    | G <sub>0</sub> |        |
| ✓ 94  | 1    | K <sub>2</sub> |        |
| ✓ 95  | 1    | Ma             |        |
| ✓ 96  | 1    | G <sub>5</sub> |        |
| ✓ 97  | 2    | G <sub>5</sub> |        |
| ✓ 98  | 1    | A <sub>0</sub> |        |
| ✓ 99  | 2    | F <sub>2</sub> |        |
| ✓ 100 | 2    | G <sub>5</sub> |        |
| ✓ 101 | 1    | G <sub>5</sub> |        |
| ✓ 102 | 1    | M <sub>0</sub> |        |
| ✓ 103 | 1    | K <sub>5</sub> |        |
| ✓ 104 | 3    | A <sub>5</sub> |        |
| ✓ 105 | 2    | A <sub>0</sub> |        |
| ✓ 106 | 2    | A <sub>0</sub> |        |
| ✓ 107 | 2    | G <sub>5</sub> |        |
| ✓ 108 | 2    | K <sub>0</sub> |        |





Tuesday, July 21, 1914  
B 232 53 short

| No.   | Int. | Class          | Remark     |
|-------|------|----------------|------------|
| ✓ 109 | 2    | A <sub>2</sub> |            |
| ✓ 110 | 2    | Pc             | Prob. nova |
| ✓ 111 | 3    | K <sub>2</sub> |            |
| ✓ 112 | 3    | B <sub>9</sub> |            |
| ✓ 113 | 3    | K <sub>0</sub> |            |
| ✓ 114 | 3    | B <sub>9</sub> |            |
| ✓ 115 | 2    | K <sub>0</sub> |            |
| ✓ 116 | 2    | K <sub>2</sub> |            |
| ✓ 117 | 2    | G <sub>0</sub> |            |
| ✓ 118 | 2    | F <sub>5</sub> |            |
| ✓ 119 | 2    | G <sub>5</sub> |            |
| ✓ 120 | 3    | F <sub>5</sub> |            |
| ✓ 121 | 4    | A <sub>3</sub> |            |
| ✓ 122 | 1    | B <sub>9</sub> |            |
| ✓ 123 | 1    | K <sub>5</sub> |            |
| ✓ 124 | 2    | B <sub>9</sub> |            |
| ✓ 125 | 1    | K <sub>0</sub> |            |
| ✓ 126 | 1    | K <sub>0</sub> |            |
| ✓ 127 | 2    | A <sub>5</sub> |            |
| ✓ 128 | 4    | K <sub>0</sub> |            |
| ✓ 129 | 2    | G <sub>0</sub> |            |
| ✓ 130 | 2    | G <sub>0</sub> |            |
| ✓ 131 | 3    | B <sub>9</sub> |            |
| ✓ 132 | 3    | K <sub>0</sub> |            |
| ✓ 133 | 2    | F <sub>8</sub> |            |
| ✓ 134 | 1    | K <sub>5</sub> |            |
| ✓ 135 | 2    | A <sub>0</sub> |            |

|     |                              |    |      |    |                             |          |   |
|-----|------------------------------|----|------|----|-----------------------------|----------|---|
| 109 | -0° 3715                     | 19 | 13.8 | -0 | 3                           | 9.5      | ✓ |
| 110 | -0° 3708                     | 19 | 13.0 | -0 | 24                          | var.     | ✓ |
| 111 | -0° 3708                     | 19 | 12.9 | -0 | 49                          | 9.0      | ✓ |
|     | -0° 3707                     | 19 | 12.9 | -0 | 48                          | 9.4 sup. |   |
| 112 | -0° 3712                     | 19 | 13.4 | -0 | 60                          | 9.4      | ✓ |
| 113 | -0° 3704                     | 19 | 12.1 | -0 | 47                          | 9.1      | ✓ |
| 114 | -0° 3702                     | 19 | 11.7 | -0 | <del>55</del> <sup>56</sup> | 9.4      | ✓ |
| 115 | -0° 3696                     | 19 | 10.4 | -0 | 26                          | 9.3      | ✓ |
| 116 | -1° 3702                     | 19 | 10.6 | -1 | 16                          | 8.6      | ✓ |
| 117 | -1° 3704                     | 19 | 10.9 | -1 | 17                          | 9.3      | ✓ |
| 118 | -1° 3700                     | 19 | 10.2 | -1 | 57                          | 9.3      | ✓ |
| 119 | -2° 4935                     | 19 | 11.1 | -2 | 9                           | 9.2      | ✓ |
| 120 | -1° 3707                     | 19 | 11.5 | -1 | 36                          | 9.3      | ✓ |
| 121 | -1° 3708                     | 19 | 11.8 | -1 | 38                          | 9.3      | ✓ |
| 122 | Approx. 1855 <sup>pop.</sup> | 19 | 11.6 | -1 | 218                         |          | ✓ |
| 123 | Approx. 1855 <sup>pop.</sup> | 19 | 11.9 | -1 | 32                          |          | ✓ |
| 124 | -2° 4937                     | 19 | 12.1 | -2 | 22                          | 9.1      | ✓ |
| 125 | -2° 4938                     | 19 | 12.2 | -2 | 27                          | 9.3      | ✓ |
| 126 | -2° 4939                     | 19 | 12.5 | -2 | 26                          | 9.3      | ✓ |
| 127 | -2° 4942                     | 19 | 12.6 | -2 | 2                           | 9.3      | ✓ |
| 128 | -1° 3717                     | 19 | 13.3 | -1 | 59                          | 8.8      | ✓ |
| 129 | -1° 3718                     | 19 | 13.5 | -1 | 42                          | 9.4      | ✓ |
| 130 | -2° 4951                     | 19 | 14.1 | -2 | 15                          | 9.3      | ✓ |
| 131 | -1° 3722                     | 19 | 14.3 | -1 | 38                          | 9.3      | ✓ |
| 132 | -1° 3723                     | 19 | 14.6 | -1 | 31                          | 9.0      | ✓ |
| 133 | -2° 4962                     | 19 | 15.3 | -2 | 2                           | 9.1      | ✓ |
| 134 | -2° 4963                     | 19 | 15.4 | -2 | 1                           | 9.2      | ✓ |
| 135 | -2° 4967                     | 19 | 15.5 | -2 | 6                           | 9.6      | ✓ |



Tuesday, July 21, 1914  
B 23253 short

| No.   | Int. | Class          | Remark |
|-------|------|----------------|--------|
| ✓ 136 | 2    | K <sub>0</sub> |        |
| ✓ 137 | 1    | K <sub>5</sub> |        |
| ✓ 138 | 2    | B <sub>9</sub> |        |
| ✓ 139 | 4    | K <sub>0</sub> |        |
| ✓ 140 | 1    | B <sub>9</sub> |        |
| ✓ 141 | 2    | K <sub>5</sub> |        |
| ✓ 142 | 2    | K <sub>0</sub> |        |
| ✓ 143 | 1    | M <sub>a</sub> |        |
| ✓ 144 | 2    | F <sub>8</sub> |        |
| ✓ 145 | 1    | K <sub>2</sub> |        |
| ✓ 146 | 2    | A <sub>0</sub> |        |
| ✓ 147 | 1    | K <sub>2</sub> |        |
| ✓ 148 | 1    | G <sub>5</sub> |        |
| ✓ 149 | 3    | A <sub>0</sub> |        |
| ✓ 150 | 2    | A <sub>0</sub> |        |
| ✓ 151 | 2    | A <sub>0</sub> |        |
| ✓ 152 | 2    | B <sub>9</sub> |        |
| ✓ 153 | 2    | K <sub>2</sub> |        |
| ✓ 154 | 4    | A <sub>0</sub> |        |
| ✓ 155 | 4    | F <sub>8</sub> |        |
| ✓ 156 | 4    | K <sub>0</sub> |        |
| ✓ 157 | 2    | K <sub>0</sub> |        |
| ✓ 158 | 1    | P <sub>a</sub> |        |
| ✓ 159 | 4    | G <sub>5</sub> |        |
| ✓ 160 | 3    | G <sub>5</sub> |        |
| ✓ 161 | 2    | F <sub>8</sub> |        |
| ✓ 162 | 3    | B <sub>9</sub> |        |

|     |                                     |    |         |    |     |   |
|-----|-------------------------------------|----|---------|----|-----|---|
| 136 | -2° 4974                            | 19 | 16.7 -2 | 8  | 9.0 | ✓ |
| 137 | -2° 4975                            | 19 | 16.9 -2 | 4  | 9.0 | ✓ |
| 138 | -2° 4976                            | 19 | 17.1 -2 | 6  | 9.3 | ✓ |
| 139 | -1° <sup>3</sup> / <sub>4</sub> 736 | 19 | 17.6 -1 | 39 | 8.8 | ✓ |
| 140 | -1° 3735                            | 19 | 17.6 -1 | 22 | 9.5 | ✓ |
| 141 | -1° 3738                            | 19 | 17.7 -1 | 8  | 9.0 | ✓ |
| 142 | -1° 373 <sup>4</sup> <sub>5</sub>   | 19 | 17.0 -1 | 29 | 9.3 | ✓ |
| 143 | -1° 3732                            | 19 | 16.8 -1 | 41 | 9.2 | ✓ |
| 144 | -1° 3731                            | 19 | 16.6 -1 | 30 | 9.5 | ✓ |
| 145 | -1° 3728                            | 19 | 15.8 -1 | 5  | 9.5 | ✓ |
| 146 | -1° 3725                            | 19 | 15.3 -1 | 18 | 9.5 | ✓ |
| 147 | -1° 3724                            | 19 | 14.9 -1 | 32 | 9.4 | ✓ |
| 148 | Approx. pos. (1855)                 | 19 | 14.7 -0 | 57 |     | ✓ |
| 149 | -0 3723                             | 19 | 14.6 -0 | 52 | 9.3 | ✓ |
| 150 | -0° 3721                            | 19 | 14.5 -0 | 59 | 9.5 | ✓ |
| 151 | Approx. pos. (1855)                 | 19 | 14.6 -0 | 13 |     | ✓ |
| 152 | -0 3720                             | 19 | 14.3 -0 | 16 | 9.4 | ✓ |
| 153 | -0° 3724                            | 19 | 14.6 -0 | 30 | 9.3 | ✓ |
| 154 | -0° 3728                            | 19 | 15.5 -0 | 7  | 9.3 | ✓ |
| 155 | +0° 4189                            | 19 | 15.1 +0 | 26 | 8.8 | ✓ |
| 156 | +0° 4187                            | 19 | 15.0 +0 | 20 | 9.0 | ✓ |
| 157 | +0° 4188                            | 19 | 15.1 +0 | 45 | 9.1 | ✓ |
| 158 | +1° 3979                            | 19 | 15.3 +1 | 14 | 9.4 | ✓ |
| 159 | +0° 4194                            | 19 | 16.4 +0 | 25 | 9.3 | ✓ |
| 160 | +1° 3973                            | 19 | 14.0 +1 | 41 | 8.6 | ✓ |
| 161 | +1° 3972                            | 19 | 13.7 +1 | 41 | 9.3 | ✓ |
| 162 | +1° 3971                            | 19 | 13.4 +1 | 46 | 9.3 | ✓ |

Another star following - superposed  
which may be the same star as with the star  
classified preceding



Tuesday, July 21, 1914  
B 232 53 short

| No.   | Int. | Class | Remark |
|-------|------|-------|--------|
| ✓ 163 | 4    | Fo    |        |
| ✓ 164 | 2    | Ko    |        |
| ✓ 165 | 2    | Ly5   |        |
| ✓ 166 | 2    | Qo    |        |
| ✓ 167 | 1    | K5    |        |
| ✓ 168 | 3    | Ly0   |        |
| ✓ 169 | 3    | B9    |        |
| ✓ 170 | 1    | K5    |        |
| ✓ 171 | 1    | F2    |        |
| ✓ 172 | 1    | K5    |        |
| ✓ 173 | 2    | Ma    |        |
| ✓ 174 | 2    | K5    |        |
| ✓ 175 | 2    | B9    |        |
| ✓ 176 | 1    | K2    |        |
| ✓ 177 | 2    | Ly5   |        |
| ✓ 178 | 3    | Ly0   |        |
| ✓ 179 | 1    | Ly5   |        |
| ✓ 180 | 2    | B9    |        |
| ✓ 181 | 2    | B9    |        |
| ✓ 182 | 3    | Ly0   |        |
| ✓ 183 | 3    | B9    |        |
| ✓ 184 | 3    | F8    |        |
| ✓ 185 | 3    | Ly0   |        |
| ✓ 186 | 3    | B8    |        |
| ✓ 187 | 2    | A3    |        |
| ✓ 188 | 2    | Ko    |        |
| ✓ 189 | 1    | A2    |        |

|     |          |    |      |    |    |     |   |
|-----|----------|----|------|----|----|-----|---|
| 163 | +1° 3967 | 19 | 13.1 | +1 | 33 | 8.9 | ✓ |
| 164 | +1° 3970 | 19 | 13.4 | +1 | 27 | 9.4 | ✓ |
| 165 | +1° 3968 | 19 | 13.3 | +1 | 19 | 9.3 | ✓ |
| 166 | +1° 3969 | 19 | 13.4 | +1 | 4  | 9.4 | ✓ |
| 167 | +0° 4181 | 19 | 13.9 | +0 | 43 | 9.5 | ✓ |
| 168 | -3° 4489 | 19 | 0.5  | -3 | 45 | 8.5 | ✓ |
| 169 | -3° 4494 | 19 | 1.4  | -3 | 34 | 8.7 | ✓ |
| 170 | -3° 4492 | 19 | 1.3  | -3 | 23 | 9.1 | ✓ |
| 171 | -3° 4490 | 19 | 0.9  | -3 | 12 | 9.3 | ✓ |
| 172 | -2° 4867 | 19 | 0.6  | -2 | 41 | 9.0 | ✓ |
| 173 | -2° 4865 | 18 | 0.2  | -2 | 40 | 9.0 | ✓ |
| 174 | -2° 4864 | 19 | 0.0  | -2 | 44 | 9.0 | ✓ |
| 175 | -2° 4857 | 18 | 59.3 | -2 | 43 | 9.2 | ✓ |
| 176 | -2° 4855 | 18 | 59.0 | -2 | 20 | 9.3 | ✓ |
| 177 | -2° 4859 | 18 | 59.5 | -2 | 18 | 9.2 | ✓ |
| 178 | -2° 4860 | 18 | 59.6 | -2 | 25 | 9.1 | ✓ |
| 179 | -2° 4874 | 19 | 2.4  | -2 | 8  | 9.3 | ✓ |
| 180 | -2° 4877 | 19 | 2.6  | -2 | 13 | 9.6 | ✓ |
| 181 | -2° 4879 | 19 | 3.1  | -2 | 26 | 9.2 | ✓ |
| 182 | -2° 4878 | 19 | 2.9  | -2 | 41 | 9.0 | ✓ |
| 183 | -2° 4885 | 19 | 4.3  | -2 | 37 | 8.8 | ✓ |
| 184 | -2° 4886 | 19 | 4.5  | -2 | 46 | 8.9 | ✓ |
| 185 | -3° 4512 | 19 | 5.3  | -3 | 26 | 9.1 | ✓ |
| 186 | -3° 4506 | 19 | 4.2  | -3 | 60 | 9.0 | ✓ |
| 187 | -4° 4727 | 19 | 6.6  | -4 | 0  | 9.2 | ✓ |
| 188 | -4° 4729 | 19 | 7.0  | -4 | 7  | 9.1 | ✓ |
| 189 | -3° 4529 | 19 | 7.4  | -3 | 51 | 9.4 | ✓ |



Tuesday, July 21, 1914.  
B 23253 short

| No.         | Int. | Class          | Remark |
|-------------|------|----------------|--------|
| ✓ 190       | 3    | A <sub>0</sub> |        |
| ✓ 191       | 1    | K <sub>0</sub> |        |
| ✓ 192       | 3    | K <sub>0</sub> |        |
| ✓ 193       | 1    | A <sub>0</sub> |        |
| ✓ 194       | 1    | G <sub>5</sub> |        |
| ✓ 195       | 1    | K <sub>5</sub> |        |
| ✓ 196       | 1    | A <sub>5</sub> |        |
| ✓ 197       | 4    | A <sub>0</sub> |        |
| ✓ 198       | 4    | B <sub>9</sub> |        |
| ✓ 199       | 4    | A <sub>0</sub> |        |
| ✓ 200       | 2    | B <sub>9</sub> |        |
| ✓ 201       | 1    | B <sub>9</sub> |        |
| ✓ 202       | 2    | K <sub>5</sub> |        |
| ✓ 203       | 2    | B almost Cont. |        |
| ✓ 204       | 2    | A <sub>0</sub> |        |
| ✓ 205       | 1    | G <sub>5</sub> |        |
| ✓ 206       | 2    | B <sub>8</sub> |        |
| ✓ 207       | 2    | B <sub>8</sub> |        |
| ✓ 208       | 2    | K <sub>0</sub> |        |
| ✓ 209       | 1    | G <sub>5</sub> |        |
| ✓ 210       | 1    | K <sub>0</sub> |        |
| ✓ 211       | 2    | B <sub>8</sub> |        |
| ✓ 212       | 1    | K <sub>0</sub> |        |
| ✓ 213       | 2    | A <sub>0</sub> |        |
| ✓ 214       | 3    | K <sub>0</sub> |        |
| ✓ 215       | 1    | G <sub>0</sub> |        |
| 11:09 ✓ 216 | 1    | K <sub>0</sub> |        |

|     |                        |                   |    |      |    |                             |     |   |
|-----|------------------------|-------------------|----|------|----|-----------------------------|-----|---|
| 190 | $-3^{\circ}$           | 4534              | 19 | 7.7  | -3 | 34                          | 9.3 | ✓ |
| 191 | $-3^{\circ}$           | 4537              | 19 | 8.1  | -3 | 36                          | 9.1 | ✓ |
| 192 | $-3^{\circ}$           | 4541              | 19 | 8.6  | -3 | 33                          | 9.0 | ✓ |
| 193 | $-3^{\circ}$           | 4542              | 19 | 8.7  | -3 | 23                          | 9.8 | ✓ |
| 194 | $-3^{\circ}$           | 4544              | 19 | 8.8  | -3 | 26                          | 9.4 | ✓ |
| 195 | $-3^{\circ}$           | 4546              | 19 | 9.4  | -3 | 15                          | 9.1 | ✓ |
| 196 | Approx $\mu^*$ (1855.) |                   | 19 | 9.6  | -3 | <del>22</del> <sup>21</sup> |     | ✓ |
| 197 | $-3^{\circ}$           | 4549              | 19 | 9.8  | -3 | 34                          | 9.2 | ✓ |
| 198 | $-3^{\circ}$           | 4556              | 19 | 11.1 | -3 | 24                          | 9.2 | ✓ |
| 199 | $-3^{\circ}$           | 4559              | 19 | 12.1 | -3 | 36                          | 8.8 | ✓ |
| 200 | $-3^{\circ}$           | 4563              | 19 | 12.5 | -3 | 1                           | 9.2 | ✓ |
| 201 | $-2^{\circ}$           | 4948              | 19 | 13.5 | -2 | 51                          | 9.5 | ✓ |
| 202 | $-2^{\circ}$           | 4950              | 19 | 14.0 | -2 | 45                          | 8.5 | ✓ |
| 203 | $-2^{\circ}$           | 4932              | 19 | 10.8 | -2 | 24                          | 9.0 | ✓ |
| 204 | $-2^{\circ}$           | 4929              | 19 | 9.7  | -2 | 48                          | 9.3 | ✓ |
| 205 | $-2^{\circ}$           | 4925              | 19 | 9.6  | -2 | 43                          | 9.3 | ✓ |
| 206 | $-2^{\circ}$           | 4923              | 19 | 9.4  | -2 | 21                          | 9.4 | ✓ |
| 207 | $-2^{\circ}$           | 4922              | 19 | 9.2  | -2 | 16                          | 9.6 | ✓ |
| 208 | $-2^{\circ}$           | 4905              | 19 | 6.9  | -2 | 40                          | 8.5 | ✓ |
| 209 | $-3^{\circ}$           | 4523              | 19 | 6.7  | -3 | 8                           | 9.4 | ✓ |
| 210 | $-2^{\circ}$           | 4899              | 19 | 6.3  | -2 | 59                          | 9.0 | ✓ |
| 211 | $-2^{\circ}$           | 4902              | 19 | 6.7  | -2 | 22                          | 9.1 | ✓ |
| 212 | $-2^{\circ}$           | 4907 <sup>6</sup> | 19 | 7.2  | -2 | 10                          | 9.1 | ✓ |
| 213 | $-2^{\circ}$           | 4894              | 19 | 5.8  | -2 | 37                          | 9.4 | ✓ |
| 214 | $-4^{\circ}$           | 4707              | 19 | 2.6  | -4 | 17                          | 8.2 | ✓ |
| 215 | $-5^{\circ}$           | 4889              | 19 | 1.5  | -5 | 4                           | 9.3 | ✓ |
| 216 | $-5^{\circ}$           | 4892              | 19 | 1.9  | -5 | 8                           | 9.0 | ✓ |



Wednesday, July 22, 1914  
B 23253 short

|       | No. | Int. | Class | Remark                            |
|-------|-----|------|-------|-----------------------------------|
| 10:39 | ✓   | 217  | 2     | F <sub>2</sub>                    |
|       | ✓   | 218  | 1     | G <sub>5</sub>                    |
|       | ✓   | 219  | 1     | G <sub>5</sub>                    |
|       | ✓   | 220  | 3     | F <sub>8</sub>                    |
|       | ✓   | 221  | 3     | K <sub>0</sub>                    |
|       | ✓   | 222  | 1     | A <sub>2</sub>                    |
|       | ✓   | 223  | 1     | K <sub>0</sub>                    |
|       | ✓   | 224  | 1     | A <sub>0</sub>                    |
|       | ✓   | 225  | 2     | K <sub>0</sub>                    |
|       | ✓   | 226  | 3     | B <sub>8</sub>                    |
|       | ✓   | 227  | 1     | A <sub>0</sub>                    |
|       | ✓   | 228  | 2     | A <sub>0</sub>                    |
|       | ✓   | 229  | 1     | B <sub>9</sub>                    |
|       | ✓   | 230  | 1     | G <sub>0</sub>                    |
|       | ✓   | 231  | 3     | G <sub>5</sub>                    |
|       | ✓   | 232  | 2     | G <sub>5</sub>                    |
|       | ✓   | 233  | 2     | F <sub>8</sub>                    |
|       | ✓   | 234  | 1     | A <sub>0</sub> Partly sup. on 233 |
|       | ✓   | 235  | 3     | K <sub>0</sub>                    |
|       | ✓   | 236  | 6     | A <sub>5</sub>                    |
|       | ✓   | 237  | 5     | A <sub>5</sub>                    |
|       | ✓   | 238  | 8     | A                                 |
|       | ✓   | 239  | 2     | A <sub>2</sub>                    |
|       | ✓   | 240  | 1     | B <sub>9</sub>                    |
|       | ✓   | 241  | 1     | F <sub>2</sub>                    |
|       | ✓   | 242  | 3     | B <sub>8</sub>                    |
|       | ✓   | 243  | 3     | B <sub>8</sub>                    |

|     |          |    |      |    |                 |                      |   |
|-----|----------|----|------|----|-----------------|----------------------|---|
| 217 | -5° 4893 | 19 | 2.0  | -5 | 23              | 9.2                  | ✓ |
| 218 | -4° 4702 | 19 | 0.3  | -4 | 11              | 9.2                  | ✓ |
| 219 | -4° 4698 | 18 | 59.7 | -4 | 2               | 9.2                  | ✓ |
| 220 | -4° 4694 | 18 | 58.6 | -4 | 7               | 8.9                  | ✓ |
| 221 | -3° 4476 | 18 | 58.1 | -3 | 51              | 8.2                  | ✓ |
| 222 | -3° 4473 | 18 | 57.1 | -3 | 47              | 9.5                  | ✓ |
| 223 | -3° 4484 | 18 | 59.9 | -3 | 8               | 9.1                  | ✓ |
| 224 | -2° 4875 | 19 | 2.4  | -2 | 57              | 9.5                  | ✓ |
| 225 | -4° 4748 | 19 | 9.2  | -4 | 3               | 9.4                  | ✓ |
| 226 | -4° 4753 | 19 | 9.5  | -4 | 4               | 9.0                  | ✓ |
| 227 | -4° 4749 | 19 | 9.3  | -4 | 18              | 9.8                  | ✓ |
| 228 | -4° 4746 | 19 | 8.9  | -4 | 33              | 9.4                  | ✓ |
| 229 | -4° 4742 | 19 | 8.2  | -4 | 25              | 9.4                  | ✓ |
| 230 | -3° 4540 | 19 | 8.4  | -3 | 54              | 9.4                  | ✓ |
| 231 | -4° 4764 | 19 | 11.0 | -4 | 45              | 9.1                  | ✓ |
| 232 | -4° 4766 | 19 | 11.2 | -4 | 30              | 9.0                  | ✓ |
| 233 | -4° 4773 | 19 | 11.6 | -4 | 15              | 9.2                  | ✓ |
| 234 | -4° 4772 | 19 | 11.5 | -4 | 12              | 9.5                  | ✓ |
| 235 | -4° 4779 | 19 | 13.0 | -4 | 19              | 8.7                  | ✓ |
| 236 | -5° 4934 | 19 | 11.9 | -5 | 8               | 8.3                  | ✓ |
| 237 | -5° 4933 | 19 | 11.7 | -5 | 52              | 8.5                  | ✓ |
| 238 | -6° 5096 | 19 | 11.1 | -6 | 2               | 7.8                  | ✓ |
| 239 | -3° 4569 | 19 | 14.1 | -3 | 41              | 9.3                  | ✓ |
| 240 | -3° 4574 | 19 | 15.1 | -3 | 7 <sub>58</sub> | 9.7                  | ✓ |
| 241 | -2° 4966 | 19 | 15.5 | -2 | 60              | 9.5                  | ✓ |
| 242 | -2° 4968 | 19 | 15.6 | -2 | 52              | 9.4                  | ✓ |
| 243 | -3° 4585 | 19 | 16.8 | -3 | 7               | 9.2                  | ✓ |
|     | -4° 4763 | 19 | 11.0 | -4 | 47              | 9.3 <sup>super</sup> | ✓ |



Wednesday, July 22, 1914  
B 23253 short

| No.   | Int. | Class. | Remark                       |
|-------|------|--------|------------------------------|
| ✓ 244 | 4    | g5     | Another star sup. at north   |
| ✓ 245 | 3    | K0     |                              |
| ✓ 246 | 2    | A      |                              |
| ✓ 247 | 2    | A      |                              |
| ✓ 248 | 2    | A      |                              |
| ✓ 249 | 3    | A0     |                              |
| ✓ 250 | 4    | B9     |                              |
| ✓ 251 | 2    | K2     |                              |
| ✓ 252 | 3    | F0     |                              |
| ✓ 253 | 2    | g5     |                              |
| ✓ 254 | 3    | K2     |                              |
| ✓ 255 | 3    | B9     |                              |
| ✓ 256 | 3    | K5     |                              |
| ✓ 257 | 3    | g5     |                              |
| ✓ 258 | 4    | B8 E   |                              |
| ✓ 259 | 2    | B9     |                              |
| ✓ 260 | 2    | A0     |                              |
| ✓ 261 | 2    | K0     |                              |
| ✓ 262 | 3    | F0     |                              |
| ✓ 263 | 2    | K5     |                              |
| ✓ 264 | 5    | K2     |                              |
| ✓ 265 | 3    | K0     |                              |
| ✓ 266 | 2    | A0     |                              |
| ✓ 267 | 1    | K0     |                              |
| ✓ 268 | 2    | B8     |                              |
| ✓ 269 | 1    | B9     |                              |
| ✓ 270 | 2    | F8     | Partly sup. on a bright star |

|     |                      |    |         |                             |     |          |    |         |    |     |   |
|-----|----------------------|----|---------|-----------------------------|-----|----------|----|---------|----|-----|---|
| 244 | -2° 2978             | 19 | 17.4 -2 | 44                          | 8.9 | -2° 4979 | 19 | 17.5 -2 | 39 | 9.4 | ✓ |
| 245 | +1° 3987             | 19 | 17.7 +1 | 33                          | 9.0 |          |    |         |    |     | ✓ |
| 246 | 0/p max. pos. (1855) | 19 | 16.1 +1 | <del>54</del> <sup>53</sup> |     |          |    |         |    |     | ✓ |
| 247 | +1° 3980             | 19 | 15.7 +1 | 52                          | 9.3 |          |    |         |    |     | ✓ |
| 248 | +2° 3863             | 19 | 14.9 +2 | 19                          | 9.5 |          |    |         |    |     | ✓ |
| 249 | +2° 3860             | 19 | 14.2 +2 | 46                          | 9.2 |          |    |         |    |     | ✓ |
| 250 | +2° 3858             | 19 | 14.2 +2 | 33                          | 9.3 |          |    |         |    |     | ✓ |
| 251 | +2° 3857             | 19 | 13.5 +2 | 16                          | 9.5 |          |    |         |    |     | ✓ |
| 252 | +2° 3853             | 19 | 13.0 +2 | 9                           | 9.4 |          |    |         |    |     | ✓ |
| 253 | +2° 3850             | 19 | 12.7 +2 | 7                           | 9.3 |          |    |         |    |     | ✓ |
| 254 | +2° 3848             | 19 | 12.3 +2 | 57                          | 8.9 |          |    |         |    |     | ✓ |
| 255 | +2° 3846             | 19 | 10.6 +2 | 26                          | 9.3 |          |    |         |    |     | ✓ |
| 256 | +1° 3953             | 19 | 9.8 +1  | 58                          | 8.9 |          |    |         |    |     | ✓ |
| 257 | +2° 3837             | 19 | 9.3 +2  | 9                           | 9.4 |          |    |         |    |     | ✓ |
| 258 | +3° 3953             | 19 | 8.1 +3  | 2                           | 9.1 |          |    |         |    |     | ✓ |
| 259 | +2° 3820             | 19 | 5.6 +2  | 19                          | 9.5 |          |    |         |    |     | ✓ |
| 260 | +2° 3819             | 19 | 5.4 +2  | 21                          | 9.4 |          |    |         |    |     | ✓ |
| 261 | +2° 3813             | 19 | 4.3 +2  | 22                          | 9.2 |          |    |         |    |     | ✓ |
| 262 | +2° 3805             | 19 | 3.1 +2  | 36                          | 9.3 |          |    |         |    |     | ✓ |
| 263 | +2° 3803             | 19 | 2.8 +2  | 21                          | 9.0 |          |    |         |    |     | ✓ |
| 264 | +2° 3801             | 19 | 2.4 +2  | 15                          | 8.5 |          |    |         |    |     | ✓ |
| 265 | +1° 3916             | 19 | 3.6 +1  | 11                          | 9.3 |          |    |         |    |     | ✓ |
| 266 | +0° 4134             | 19 | 4.9 +0  | 58                          | 9.4 |          |    |         |    |     | ✓ |
| 267 | +1° 3919             | 19 | 4.2 +1  | 1                           | 9.5 |          |    |         |    |     | ✓ |
| 268 | -0° 3701             | 19 | 11.6 -0 | 34                          | 9.3 |          |    |         |    |     | ✓ |
| 269 | -0° 3645             | 19 | 10.4 -0 | 42                          | 9.5 |          |    |         |    |     | ✓ |
| 270 | +0° 4131             | 19 | 4.6 +0  | 40                          | 9.5 |          |    |         |    |     | ✓ |

superposed by another star  
about 1.5" north  
see chart plate I 2336s



Wednesday, July 22, 1914

13 23 25 3 short

|       | No.   | Int. | Class | Remark |
|-------|-------|------|-------|--------|
|       | ✓ 271 | 2    | As    |        |
| 10:56 | ✓ 272 | 3    | As E  |        |
|       | 273   |      |       |        |
|       | 274   |      |       |        |
|       | 275   | ✓    | As    |        |
|       | 276   | ✓    | As    |        |
|       | 277   | 9    | As    |        |

271  $-1^{\circ} 3679$  19 4.2 -1 40 9.5 ✓

272  $+1^{\circ} 3912$  19 1.1  $+1^{\circ}$  4 9.5 ✓

273

Identified here March 5 1915 J.W.

274

Ident. on cards by A.M.C. Mar. 11, 1915

Identification completed by S.R.B. Mar. 13, 1915

✓ 275  $-0^{\circ} 3631$  18 55.3 -0 55 8.5

✓ 276  $-0^{\circ} 3632$  18 55.3 -0 55 8.5

✓ 277  $-1^{\circ} 3701$

{ 6 on B13814

14 on J38492



Wednesday, July 22, 1914

9 38819 long

|       | No.  | Int.            | Class | Remark             |
|-------|------|-----------------|-------|--------------------|
| 11:22 | ✓ 1  | 1               | A     |                    |
|       | ✓ 2  | 1               | Ko    |                    |
|       | ✓ 3  | 1               | Ko    |                    |
|       | ✓ 4  | 1               | K2    |                    |
|       | ✓ 5  | 2               | Ko    |                    |
|       | ✓ 6  | 1               | Ko    |                    |
|       | ✓ 7  | 6               | A2    |                    |
|       | ✓ 8  | 2               | K5    |                    |
|       | ✓ 9  | 5               | A3    |                    |
|       | ✓ 10 | 10 <sup>+</sup> | F2    |                    |
|       | ✓ 11 | 8               | B9    |                    |
|       | ✓ 12 | 5               | Ko    |                    |
|       | ✓ 13 | 2               | K5    |                    |
|       | ✓ 14 | 1               | F8    |                    |
|       | ✓ 15 | 3               | F5    |                    |
|       | ✓ 16 | 1               | Ko    |                    |
|       | ✓ 17 | 2               | F8    |                    |
|       | ✓ 18 | 2               | Ko    |                    |
|       | ✓ 19 | 1               | Ko    |                    |
|       | ✓ 20 | 1               | L5    |                    |
|       | ✓ 21 | 5               | Ko    |                    |
|       | ✓ 22 | 6               | K2    |                    |
|       | ✓ 23 | 5               | A     | Another star sup.? |
|       | ✓ 24 | 8               | Ko    |                    |
|       | ✓ 25 | 4               | A3    |                    |
|       | ✓ 26 | 2               | Ao    |                    |
|       | ✓ 27 | 6               | A2    |                    |

|    |                      |                         |    |                       |                      |  |  |
|----|----------------------|-------------------------|----|-----------------------|----------------------|--|--|
| 1  | +22                  | 4446                    | 21 | 319                   | +22                  | 57.9                                     | 8.7 ✓                                    |
| 2  | +23                  | 4365                    | 21 | 334                   | +23                  | 182                                      | 8.8 ✓                                    |
| 3  | +23                  | 4366                    | 21 | 336                   | +23                  | 40.6                                     | 9.0 ✓                                    |
| 4  | +23                  | 4368                    | 21 | 340                   | +23                  | 35.8                                     | 8.5 ✓                                    |
| 5  | +24                  | 4449                    | 21 | 332                   | +24                  | 17.7                                     | 8.6 ✓                                    |
| 6  | +24                  | 4450                    | 21 | 337                   | +24                  | 19.7                                     | 8.5 ✓                                    |
| 7  | +24                  | 4455                    | 21 | 366                   | +24                  | 51.8                                     | 7.7 ✓                                    |
| 8  | +24                  | 4457                    | 21 | 370                   | +24                  | 19.4                                     | 8.7 ✓                                    |
| 9  | +24                  | 4459                    | 21 | 376                   | +24                  | 30.0                                     | 7.5 ✓                                    |
| 10 | +24                  | 4463                    | 21 | 381                   | +24                  | 58.9                                     | 4.1 ✓                                    |
| 11 | <sup>24</sup><br>+23 | <del>4471</del><br>4384 | 21 | <sup>24</sup><br>377  | <sup>24</sup><br>+23 | <sup>24</sup><br>53.9<br><del>55.2</del> | <sup>24</sup><br>7.0<br><del>8.2</del> ✓ |
| 12 | +24                  | 4473                    | 21 | 39.8                  | +24                  | 53.7                                     | 6.8 ✓                                    |
| 13 | +25                  | 4616                    | 21 | 39.7                  | +25                  | 15.4                                     | 8.0 ✓                                    |
| 14 | +23                  | 4384                    | 21 | 377                   | +23                  | 55.2                                     | 8.2 ✓                                    |
| 15 | +24                  | 4465                    | 21 | 382                   | +24                  | 12.3                                     | 7.8 ✓                                    |
| 16 | +24                  | 4467                    | 21 | 384                   | +24                  | 10                                       | 8.2 ✓                                    |
| 17 | +23                  | 4387                    | 21 | 389                   | +23                  | 51.8                                     | 8.2 ✓                                    |
| 18 | +23                  | 4378                    | 21 | 36.8                  | +23                  | 35.7                                     | 8.5 ✓                                    |
| 19 | +23                  | <sup>81</sup><br>4378   | 21 | <sup>81</sup><br>37.3 | +23                  | <sup>81</sup><br>28.0                    | <sup>81</sup><br>8.5 ✓                   |
| 20 | +23                  | 4379                    | 21 | 36.8                  | +23                  | 35.7                                     | 8.5 ✓                                    |
| 21 | +22                  | 4463                    | 21 | 36.3                  | +22                  | 13.7                                     | 8.5 ✓                                    |
| 22 | +22                  | 4465                    | 21 | 37.3                  | +22                  | 39.2                                     | 7.2 ✓                                    |
| 23 | +22                  | 4467                    | 21 | 37.3                  | +22                  | 9.6                                      | 6.5 ✓                                    |
| 24 | +22                  | 4472                    | 21 | 38.5                  | +22                  | 13.2                                     | 8.5 ✓                                    |
| 25 | +22                  | 4474                    | 21 | 39.4                  | +22                  | 16.9                                     | 5.0 ✓                                    |
| 26 | +22                  | 4476                    | 21 | 39.7                  | +22                  | 16.7                                     | 7.0 ✓                                    |
| 27 | +21                  | 4615                    | 21 | 40.1                  | +22                  | 15.9                                     | 8.9 ✓                                    |
|    |                      |                         |    | 39.8                  | 21                   | 30.9                                     | 6.8 ✓                                    |



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| No.  | Int. | Class | Remark   |
|------|------|-------|----------|
| ✓ 28 | 4    | A5    |          |
| ✓ 29 | 5    | A2    |          |
| ✓ 30 | 3    | A2    |          |
| ✓ 31 | 2    | F5    |          |
| ✓ 32 | 3    | K0    |          |
| ✓ 33 | 1    | K2    |          |
| ✓ 34 | 2    | K0    |          |
| ✓ 35 | 4    | M6    |          |
| ✓ 36 | 8    | B3    |          |
| ✓ 37 | 1    | K0    |          |
| ✓ 38 | 3    | K2    |          |
| ✓ 39 | 6    | G5    |          |
| ✓ 40 | 4    | K5    |          |
| ✓ 41 | 4    | K0    |          |
| ✓ 42 | 7    | A0    |          |
| ✓ 43 | 3    | A2    |          |
| ✓ 44 | 1    | K0    |          |
| ✓ 45 | 2    | G5    |          |
| ✓ 46 | 2    | K0    |          |
| ✓ 47 | 3    | A2    |          |
| ✓ 48 | 2    | G5    |          |
| ✓ 49 | 2    | K0    |          |
| ✓ 50 | 1    | n     | 0, 6, 10 |
| ✓ 51 | 1    | A0    |          |
| ✓ 52 | 6    | A0    |          |
| ✓ 53 | 1    | K5    |          |
| ✓ 54 | 1    | G5    |          |

|    |     |         |          |      |       |
|----|-----|---------|----------|------|-------|
| 28 | +21 | 4617 21 | 40.5 +21 | 210  | 7.5 ✓ |
| 29 | +21 | 4622 21 | 42.1 +21 | 464  | 7.0 ✓ |
| 30 | +21 | 4623 21 | 42.3 +21 | 126  | 7.8 ✓ |
| 31 | +21 | 4626 21 | 42.8 +21 | 562  | 8.3 ✓ |
| 32 | +21 | 4629 21 | 43.8 +21 | 168  | 7.0 ✓ |
| 33 | +21 | 4630 21 | 43.9 +21 | 360  | 8.0 ✓ |
| 34 | +22 | 4493 21 | 44.6 +22 | 11.1 | 8.0 ✓ |
| 35 | +20 | 5027 21 | 45.5 +20 | 354  | 6.3 ✓ |
| 36 | +19 | 4793 21 | 42.7 +19 | 483  | 6.5 ✓ |
| 37 | +20 | 5029 21 | 46.3 +20 | 150  | 7.8 ✓ |
| 38 | +19 | 4809 21 | 46.9 +19 | 43.1 | 7.0 ✓ |
| 39 | +20 | 5041 21 | 48.6 +20 | 105  | 6.5 ✓ |
| 40 | +20 | 5046 21 | 49.6 +20 | 34.9 | 5.8 ✓ |
| 41 | +20 | 5047 21 | 49.8 +20 | 27.7 | 6.8 ✓ |
| 42 | +19 | 4833 21 | 50.9 +19 | 37.1 | 6.8 ✓ |
| 43 | +21 | 4650 21 | 49.8 +21 | 7.5  | 7.7 ✓ |
| 44 | +21 | 4657 21 | 51.6 +21 | 33.1 | 8.0 ✓ |
| 45 | +21 | 4658 21 | 51.9 +21 | 54.1 | 8.3 ✓ |
| 46 | +22 | 4510 21 | 50.7 +22 | 54.9 | 7.7 ✓ |
| 47 | +22 | 4511 21 | 50.9 +22 | 51.4 | 8.3 ✓ |
| 48 | +23 | 4433 21 | 51.1 +23 | 2.0  | 8.4 ✓ |
| 49 | +22 | 4517 21 | 51.8 +22 | 51.7 | 8.1 ✓ |
| 50 | +22 | 4508 21 | 49.6 +22 | 108  | 8.1 ✓ |
| 51 | +21 | 4644 21 | 48.7 +21 | 37.6 | 9.1 ✓ |
| 52 | +23 | 4428 21 | 49.4 +23 | 39.3 | 8.0 ✓ |
| 53 | +24 | 4502 21 | 48.9 +24 | 210  | 8.5 ✓ |
| 54 | +24 | 4505 21 | 49.8 +24 | 12.4 | 9.3 ✓ |



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| No.  | Int.            | Class          | Remark |
|------|-----------------|----------------|--------|
| ✓ 55 | 2               | K <sub>5</sub> |        |
| ✓ 56 | 4               | A <sub>0</sub> |        |
| ✓ 57 | 3               | A <sub>0</sub> |        |
| ✓ 58 | 3               | M <sub>b</sub> |        |
| ✓ 59 | 2               | F <sub>5</sub> |        |
| ✓ 60 | 3               | A <sub>0</sub> |        |
| ✓ 61 | 2               | F <sub>8</sub> |        |
| ✓ 62 | 7               | A <sub>0</sub> |        |
| ✓ 63 | 6               | A <sub>3</sub> |        |
| ✓ 64 | 7               | A <sub>0</sub> |        |
| ✓ 65 | 6               | B <sub>9</sub> |        |
| ✓ 66 | 10 <sup>+</sup> | F <sub>5</sub> |        |
| ✓ 67 | 4               | A <sub>2</sub> |        |
| ✓ 68 | 3               | F <sub>2</sub> |        |
| ✓ 69 | 8               | F <sub>0</sub> |        |
| ✓ 70 | 5               | G <sub>5</sub> |        |
| ✓ 71 | 1               | G <sub>5</sub> |        |
| ✓ 72 | 1               | K <sub>0</sub> |        |
| ✓ 73 | 2               | G <sub>5</sub> |        |
| ✓ 74 | 1               | A <sub>3</sub> |        |
| ✓ 75 | 1               | K <sub>0</sub> |        |
| ✓ 76 | 1               | K <sub>0</sub> |        |
| ✓ 77 | 5               | G <sub>5</sub> |        |
| ✓ 78 | 2               | G <sub>5</sub> |        |
| ✓ 79 | 1               | K <sub>2</sub> |        |
| ✓ 80 | 2               | G <sub>0</sub> |        |
| ✓ 81 | 7               | B <sub>9</sub> |        |

|        |         |          |                         |       |
|--------|---------|----------|-------------------------|-------|
| 55 +24 | 4506 21 | 50.3 +24 | 34.2                    | 7.8 ✓ |
| 56 +24 | 4509 21 | 51.3 +24 | 4.1                     | 8.3 ✓ |
| 57 +24 | 4515 21 | 53.3 +24 | 36.6                    | 8.7 ✓ |
| 58 +23 | 4442 21 | 53.1 +23 | 14.1                    | 7.5 ✓ |
| 59 +23 | 4443 21 | 53.3 +23 | 24.1                    | 8.5 ✓ |
| 60 +22 | 4529 21 | 55.1 +22 | <sup>53.0</sup><br>59.7 | 8.2 ✓ |
| 61 +22 | 4531 21 | 55.3 +22 | 47.1                    | 8.0 ✓ |
| 62 +22 | 4534 21 | 55.8 +22 | 53.5                    | 8.0 ✓ |
| 63 +21 | 4680 21 | 58.2 +21 | 56.4                    | 6.8 ✓ |
| 64 +24 | 4525 21 | 57.9 +24 | 57.7                    | 7.5 ✓ |
| 65 +24 | 4531 21 | 59.7 +24 | 26.6                    | 7.8 ✓ |
| 66 +24 | 4533 22 | 0.3 +24  | 39.0                    | 4.0 ✓ |
| 67 +24 | 4536 22 | 0.8 +24  | 55.2                    | 8.3 ✓ |
| 68 +24 | 4537 22 | 0.9 +24  | 18.3                    | 8.4 ✓ |
| 69 +24 | 4540 22 | 1.6 +24  | 50.7                    | 7.0 ✓ |
| 70 +23 | 4472 22 | 1.6 +23  | 27.8                    | 6.8 ✓ |
| 71 +23 | 4466 22 | 0.7 +23  | 19.6                    | 8.5 ✓ |
| 72 +24 | 4433 22 | 28.9 +24 | 31.0                    | 8.5 ✓ |
| 73 +25 | 4575 21 | 29.5 +25 | 43.4                    | 8.9 ✓ |
| 74 +25 | 4579 21 | 31.4 +25 | 53.5                    | 8.9 ✓ |
| 75 +25 | 4581 21 | 32.6 +25 | 38.8                    | 8.6 ✓ |
| 76 +25 | 4582 21 | 32.9 +25 | 56.4                    | 8.3 ✓ |
| 77 +26 | 4237 21 | 34.6 +26 | 5.8                     | 7.1 ✓ |
| 78 +25 | 4607 21 | 37.6 +25 | 50.8                    | 8.2 ✓ |
| 79 +25 | 4608 21 | 37.9 +25 | 38.0                    | 7.8 ✓ |
| 80 +26 | 4253 21 | 37.8 +26 | 24.0                    | 8.3 ✓ |
| 81 +26 | 4257 21 | 38.8 +26 | 19.4                    | 7.5 ✓ |



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| No.   | Int | Class | Remark                   |
|-------|-----|-------|--------------------------|
| ✓ 82  | 1   | Ko    |                          |
| ✓ 83  | 6   | F5    |                          |
| ✓ 84  | 3   | Co    |                          |
| ✓ 85  | 1   | Ko    |                          |
| ✓ 86  | 2   | F5    |                          |
| ✓ 87  | 1   | G5    |                          |
| ✓ 88  | 4   | F5    | line K appears ft. comp? |
| ✓ 89  | 6   | F5    |                          |
| ✓ 90  | 3   | K5    |                          |
| ✓ 91  | 2   | F5    |                          |
| ✓ 92  | 3   | Ko    |                          |
| ✓ 93  | 2   | Ko    |                          |
| ✓ 94  | 1   | G5    |                          |
| ✓ 95  | 1   | G5    |                          |
| ✓ 96  | 2   | K5    |                          |
| ✓ 97  | 1   | Ko    |                          |
| ✓ 98  | 6   | A2    |                          |
| ✓ 99  | 1   | G5    |                          |
| ✓ 100 | 2   | G5    |                          |
| ✓ 101 | 3   | G5    |                          |
| ✓ 102 | 2   | G5    |                          |
| ✓ 103 | 1   | Ko    |                          |
| ✓ 104 | 10  | B8    |                          |
| ✓ 105 | 1   | K5    | St. maybe Ma             |
| ✓ 106 | 3   | Ko    |                          |
| ✓ 107 | 3   | G5    |                          |
| ✓ 108 | 3   | G5    |                          |

|         |                            |                           |                       |      |
|---------|----------------------------|---------------------------|-----------------------|------|
| 82 +26  | 4256 21                    | 388 +26                   | 419                   | 83 ✓ |
| 83 +27  | 4145 21                    | 374 +27                   | 11.8                  | 80 ✓ |
| 84 +27  | 4160 21                    | 400 +27                   | 6.4                   | 85 ✓ |
| 85 +26  | 4268 21                    | 405 +26                   | 58.7                  | 86 ✓ |
| 86 +26  | 4265 21                    | 400 +26                   | 5.3                   | 82 ✓ |
| 87 +25  | 4614 21                    | 394 +25                   | 382                   | 85 ✓ |
| 88 +25  | <del>4621</del><br>4483 21 | <del>423</del><br>436 +25 | <del>22</del><br>54.6 | 75 ✓ |
| 89 +24  | 4483 21                    | 436 +24                   | 54.6                  | 75 ✓ |
| 90 +23  | 4399 21                    | 416 +23                   | 48.2                  | 72 ✓ |
| 91 +23  | 4397 21                    | 411 +23                   | 48.6                  | 82 ✓ |
| 92 +23  | 4392 21                    | 405 +23                   | 27.2                  | 78 ✓ |
| 93 +23  | 4390 21                    | 404 +23                   | 14                    | 85 ✓ |
| 94 +22  | 4469 21                    | 385 +22                   | 44.1                  | 85 ✓ |
| 95 +23  | 4403 21                    | 422 +23                   | 4.1                   | 85 ✓ |
| 96 +23  | 4406 21                    | 43.1 +23                  | 23.8                  | 78 ✓ |
| 97 +22  | 4484 21                    | 428 +22                   | 53.3                  | 85 ✓ |
| 98 +23  | 4415 21                    | 457 +23                   | 19.6                  | 70 ✓ |
| 99 +23  | 4416 21                    | 462 +23                   | 1.9                   | 82 ✓ |
| 100 +24 | 4491 21                    | 461 +24                   | 9.6                   | 85 ✓ |
| 101 +24 | 4489 21                    | 460 +24                   | 22.7                  | 83 ✓ |
| 102 +24 | 4486 21                    | 452 +24                   | 0.7                   | 83 ✓ |
| 103 +24 | 4487 21                    | 455 +24                   | 49.7                  | 88 ✓ |
| 104 +25 | 4635 21                    | 465 +25                   | 14.5                  | 55 ✓ |
| 105 +25 | 4636 21                    | 466 +25                   | 3.7                   | 85 ✓ |
| 106 +24 | 4497 21                    | 475 +24                   | 44.9                  | 82 ✓ |
| 107 +25 | 4643 21                    | 488 +25                   | 14.5                  | 87 ✓ |
| 108 +25 | 4644 21                    | 492 +25                   | 43.7                  | 85 ✓ |



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| No.   | Int. | Class          | Remark                  |
|-------|------|----------------|-------------------------|
| ✓ 109 | 1    | A              | another star sup. n. p. |
| ✓ 110 | 2    | lys            |                         |
| ✓ 111 | 2    | A <sub>2</sub> |                         |
| ✓ 112 | 7    | B <sub>9</sub> |                         |
| ✓ 113 | 8    | B <sub>9</sub> |                         |
| ✓ 114 | 1    | K <sub>5</sub> |                         |
| ✓ 115 | 6    | A <sub>3</sub> |                         |
| ✓ 116 | 1    | K <sub>0</sub> |                         |
| ✓ 117 | 2    | K <sub>0</sub> |                         |
| ✓ 118 | 2    | F <sub>8</sub> |                         |
| ✓ 119 | 1    | F              |                         |
| ✓ 120 | 2    | F <sub>5</sub> |                         |
| ✓ 121 | 3    | A <sub>2</sub> |                         |
| ✓ 122 | 1    | lys            |                         |
| ✓ 123 | 10+  | F <sub>5</sub> |                         |
| ✓ 124 | 6    | A <sub>5</sub> |                         |
| ✓ 125 | 3    | K <sub>0</sub> | partly sup. on 126      |
| ✓ 126 | 7    | A <sub>0</sub> |                         |
| ✓ 127 | 2    | K <sub>0</sub> |                         |
| ✓ 128 | 3    | A <sub>0</sub> |                         |
| ✓ 129 | 4    | A <sub>0</sub> |                         |
| ✓ 130 | 1    | F <sub>5</sub> |                         |
| ✓ 131 | 2    | A <sub>2</sub> |                         |
| ✓ 132 | 1    | K <sub>0</sub> |                         |
| ✓ 133 | 4    | A <sub>2</sub> |                         |
| ✓ 134 | 2    | K <sub>0</sub> |                         |
| ✓ 135 | 4    | K <sub>0</sub> |                         |

|     |     |         |          |      |      |
|-----|-----|---------|----------|------|------|
| 109 |     |         |          |      |      |
| 109 |     |         |          |      |      |
| 110 | +25 | 4649 21 | 49.8 +25 | 40.7 | 88 ✓ |
| 110 |     |         |          |      |      |
| 111 | +26 | 4316 21 | 51.3 +26 | 31.7 | 87 ✓ |
| 111 |     |         |          |      |      |
| 112 | +26 | 4319 21 | 51.9 +26 | 44.0 | 86 ✓ |
| 112 |     |         |          |      |      |
| 113 | +26 | 4323 21 | 53.5 +26 | 4.9  | 77 ✓ |
| 113 |     |         |          |      |      |
| 114 | +26 | 4328 21 | 54.6 +26 | 7.6  | 78 ✓ |
| 114 |     |         |          |      |      |
| 115 | +25 | 4658 21 | 54.1 +25 | 46.8 | 82 ✓ |
| 115 |     |         |          |      |      |
| 116 | +25 | 4662 21 | 55.1 +25 | 40.7 | 80 ✓ |
| 116 |     |         |          |      |      |
| 117 | +25 | 4663 21 | 55.8 +25 | 29.3 | 90 ✓ |
| 117 |     |         |          |      |      |
| 118 | +26 | 4342 21 | 57.0 +26 | 14.9 | 85 ✓ |
| 118 |     |         |          |      |      |
| 119 | +23 | 4448 21 | 54.9 +23 | 52.0 | 85 ✓ |
| 119 |     |         |          |      |      |
| 120 | +24 | 4523 21 | 55.8 +24 | 4.5  | 89 ✓ |
| 120 |     |         |          |      |      |
| 121 | +26 | 4348 21 | 59.7 +26 | 14.5 | 85 ✓ |
| 121 |     |         |          |      |      |
| 122 | +27 | 4122 21 | 32.1 +27 | 2.1  | 85 ✓ |
| 122 |     |         |          |      |      |
| 123 | +27 | 4117 21 | 30.5 +27 | 17.2 | 87 ✓ |
| 123 |     |         |          |      |      |
| 124 | +28 | 4169 21 | 37.7 +28 | 5.4  | 45 ✓ |
| 124 |     |         |          |      |      |
| 125 | +28 | 4171 21 | 37.9 +28 | 7.5  | 77 ✓ |
| 125 |     |         |          |      |      |
| 126 | +28 | 4173 21 | 38.0 +28 | 35.9 | 73 ✓ |
| 126 |     |         |          |      |      |
| 127 | +28 | 4174 21 | 38.1 +28 | 31.7 | 75 ✓ |
| 127 |     |         |          |      |      |
| 128 | +28 | 4178 21 | 38.7 +28 | 34.1 | 80 ✓ |
| 128 |     |         |          |      |      |
| 129 | +27 | 4156 21 | 39.4 +27 | 57.2 | 84 ✓ |
| 129 |     |         |          |      |      |
| 130 | +28 | 4181 21 | 39.3 +28 | 12.3 | 82 ✓ |
| 130 |     |         |          |      |      |
| 131 | +28 | 4180 21 | 39.2 +28 | 3.7  | 87 ✓ |
| 131 |     |         |          |      |      |
| 132 | +27 | 4164 21 | 41.0 +27 | 54.3 | 84 ✓ |
| 132 |     |         |          |      |      |
| 133 | +28 | 4191 21 | 40.9 +28 | 3.0  | 86 ✓ |
| 133 |     |         |          |      |      |
| 134 | +28 | 4193 21 | 41.2 +28 | 20.8 | 84 ✓ |
| 134 |     |         |          |      |      |
| 135 | +28 | 4194 21 | 41.3 +28 | 47.5 | 86 ✓ |
| 135 |     |         |          |      |      |
| 136 | +29 | 4512 21 | 41.4 +29 | 4.0  | 81 ✓ |



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| No.   | Int. | Class | Remark                     |
|-------|------|-------|----------------------------|
| ✓ 136 | 4    | F8    |                            |
| ✓ 137 | 2    | K0    |                            |
| ✓ 138 | 4    | A     | Partly sup. on 139         |
| ✓ 139 | 4    | F8    |                            |
| ✓ 140 | 3    | G5    |                            |
| ✓ 141 | 9    | F0    |                            |
| ✓ 142 | 6    | A2    |                            |
| ✓ 143 | 2    | K5    |                            |
| ✓ 144 | 7    | A0    |                            |
| ✓ 145 | 5    | A3    |                            |
| ✓ 146 | 1    | A     | Partly sup. on 145         |
| ✓ 147 | 2    | A0    |                            |
| ✓ 148 | 9    | F0 E  | another star sup. at north |
| ✓ 149 | 1    | K0    |                            |
| ✓ 150 | 1    | F8    |                            |
| ✓ 151 | 2    | A3    |                            |
| ✓ 152 | 3    | F8    |                            |
| ✓ 153 | 1    | A     |                            |
| ✓ 154 | 1    | K2    |                            |
| ✓ 155 | 2    | G5    |                            |
| ✓ 156 | 1    | A2    |                            |
| ✓ 157 | 2    | F8    |                            |
| ✓ 158 | 2    | F8    |                            |
| ✓ 159 | 1    | K2    |                            |
| ✓ 160 | 1    | K5    |                            |
| ✓ 161 | 1    | K2    |                            |
| ✓ 162 | 1    | K5    |                            |

|         |         |         |      |      |
|---------|---------|---------|------|------|
| 136 +28 | 4203 21 | 432 +28 | 19.5 | 86 ✓ |
| 137 +28 | 4200 21 | 421 +28 | 2.7  | 85 ✓ |
| 138 +27 | 4166 21 | 415 +27 | 58.6 | 84 ✓ |
| 139 +28 | 4195 21 | 415 +28 | 82   | 81 ✓ |
| 140 +28 | 4209 21 | 441 +28 | 55   | 80 ✓ |
| 141 +28 | 4215 21 | 460 +28 | 72   | 59 ✓ |
| 142 +27 | 4191 21 | 474 +27 | 39.8 | 68 ✓ |
| 143 +21 | 4599 21 | 344 +21 | 33.7 | 75 ✓ |
| 144 +21 | 4600 21 | 347 +21 | 17.1 | 67 ✓ |
| 145 +20 | 4988 21 | 349 +20 | 56.7 | 70 ✓ |
| 146 +20 | 4989 21 | 349 +20 | 40.4 | 83 ✓ |
| 147 +20 | 5009 21 | 402 +20 | 37.1 | 80 ✓ |
| 148 +19 | 4754 21 | 323 +19 | 37.5 | 60 ✓ |
| 149 +28 | 4210 21 | 445 +28 | 29.4 | 90 ✓ |
| 150 +28 | 4212 21 | 453 +28 | 14.9 | 88 ✓ |
| 151 +27 | 4184 21 | 456 +27 | 6.3  | 86 ✓ |
| 152 +26 | 4283 21 | 450 +26 | 2.6  | 80 ✓ |
| 153 +25 | 4622 21 | 425 +25 | 50.0 | 89 ✓ |
| 154 +28 | 4232 21 | 485 +28 | 40.1 | 83 ✓ |
| 155 +27 | 4210 21 | 506 +27 | 18.7 | 83 ✓ |
| 156 +27 | 4220 21 | 530 +27 | 26.9 | 84 ✓ |
| 157 +26 | 4300 21 | 486 +26 | 7.3  | 90 ✓ |
| 158 +26 | 4303 21 | 488 +26 | 52   | 89 ✓ |
| 159 +27 | 4228 21 | 543 +27 | 21.7 | 82 ✓ |
| 160 +26 | 4304 21 | 490 +26 | 44.0 | 88 ✓ |
| 161 +27 | 4241 21 | 562 +27 | 49.3 | 87 ✓ |
| 162 +25 | 4652 21 | 515 +25 | 50.3 | 85 ✓ |



Wednesday, July 22, 1914  
9 388 19 long

| No.            | Ymt. | Class | Remark                     |
|----------------|------|-------|----------------------------|
| ✓ 163          | 3    | Ko    |                            |
| ✓ 164          | 2    | ly    | Another star sup. at north |
| ✓ 165          | 3    | Co    |                            |
| ✓ 166          | 10   | B9    |                            |
| ✓ 167          | 4    | ly E  |                            |
| ✓ 168          | 5    | F5 E  |                            |
| ✓ 169          | 3    | ly E  |                            |
| ✓ 170          | 2    | F5 E  |                            |
| ✓ 171          | 1    | K5    |                            |
| ✓ 172          | 5    | F8 E  |                            |
| ✓ 173          | 2    | K2 E  |                            |
| 11:59 ✓ 174    | 4    | F8 E  |                            |
| <del>175</del> |      |       |                            |

175 2 inc

|         |         |         |     |       |
|---------|---------|---------|-----|-------|
| 163 +21 | 4665 21 | 542 +21 | 104 | 7.3 ✓ |
| 164 +21 | 4663 21 | 534 +21 | 221 | 8.0 ✓ |
| 165 +20 | 5062 21 | 536 +20 | 385 | 8.3 ✓ |
| 166 +21 | 4695 22 | 10 +21  | 0.1 | 58 ✓  |
| 167 +21 | 4696 22 | 20 +21  | 270 | 6.8 ✓ |
| 168 +22 | 4563 22 | 33 +22  | 247 | 7.3 ✓ |
| 169 +21 | 4698 22 | 28 +21  | 317 | 7.3 ✓ |
| 170 +21 | 4697 22 | 26 +21  | 499 | 8.0 ✓ |
| 171 +22 | 4460 21 | 340 +22 | 319 | 8.2 ✓ |
| 172 +20 | 4964 21 | 285 +20 | 456 | 6.7 ✓ |
| 173 +20 | 4957 21 | 267 +20 | 565 | 7.0 ✓ |
| 174 +20 | 4955 21 | 263 +20 | 45  | 6.7 ✓ |
| 175     |         |         |     |       |

Identified on cards by Amc. Nov. 30, 1914  
 Identified on Book by E.F.G. Oct. 29, 1914  
 Identification compared by S.R.B. Dec. 1, 1914  
 84 on 38031

176 +27 4243















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