

V854 steel

8.66 7.58 +0.88

22 54.3 +16.18

8.64 7.55 +0.86 3 Aug 64 100"  
8.66 7.61 +0.88 18 Nov 63 60"  
8.67 7.62 +0.88

9.66 +1.51 +1.17

Blue

8.69 +1.50 +1.21 4 Aug 64 100"

W 14418

22<sup>h</sup> 56.0 + 9° 05' (1950)

Red

Oct 13 '63 6.45 - 0.19 (-0.23 (60))

" " " 6.44 - 0.20 (-0.24 (60))

TISO

12 27.2 +24 48

+25.2511

Apr 29 '62 9.76 0.81 0.29(20)

Apr 30 '62 9.71 0.78 0.31(20)

May 3 '62 9.77 0.77 0.25(100)

1464 2433.3 +06°39

Dec. 21 '61 5.83 0.96 0.85(20)

Dec. 22-23 '61 5.83 0.96 0.85(20)

1528

2<sup>6</sup> 39.8

+10° 32

Dec. 21'61

6.30 0.08

0.06 (20)

1553      2<sup>h</sup> 42.2      109° 54

Dec 22-23 '61      4.24      0.33      0.09 (20)

1C 1848-1      26 48.1      +60° 15' (1960)

Aug 27 '63      7.10      0.38      -0.62 (200)

1611 2<sup>h</sup> 50.1 -12° 58

Dec. 21 '61 6.06 0.87 0.53(20)

Dec. 20 '61 6.07 0.86 0.54(20)



1838 3<sup>h</sup> 16.7 +03° 11

Dec. 21<sup>h</sup> 4.87 0.70 0.17(20)

Dec. 22-23<sup>h</sup> 4.85 0.69 0.17(20)

1882 3<sup>6</sup> 22.1 +08° 51

Dec. 24' 63 3.63 0.78 0.72 (20)

Dec. 25' 63 3.62 0.88 0.63 (20)

2057 3<sup>h</sup> 40.9 -09<sup>p</sup> 56

Nov. 26 '62 3.53 0.92 0.69 (20)

Dec. 25 '63 3.50 0.92 0.92 (20)

Dec. 27 '63 3.50 0.93 0.67 (20)

2063

3<sup>h</sup> 41.2 +32° 08

Dec. 21'61

3.83 0.04 -0.77(20)

2085 3<sup>h</sup> 42.2 +24° 41

Dec. 21'61 5.67 -0.06 -0.37(20)

Dec 22-23'61 5.64 -0.02 -0.38(20)

2331 4<sup>h</sup> 02.4 +21° 53

Dec 22-2361 5.86 0.65 0.13 (20)

2440 4<sup>h</sup> 13.0 -07° 44

Nov. 26'62 4.46 0.80 0.44(20)

Mar. 26'62 4.42 0.83 0.48(20)

2465 4<sup>6</sup> 15.4 +21°28

Dec 22-2361 5.60 0.34 -0.05(20)



2486  $\phi$  16.9 + 15° 31

Dec. 24 '63 3.64 1.00 0.82 (20)

Dec. 25 '63 3.65 0.99 0.83 (20)

Dec. 26 '63 3.63 0.99 0.84 (20)

2535 4<sup>h</sup> 20.0 +17° 26

Nov. 26 '62 3.75 0.97 0.82 (20)

Nov. 25 '62 3.75 0.97 0.93 (20)

Dec. 20 '61 3.80 0.97 0.80 (20)

Dec. 26, 28 '61 3.76 0.99 0.83 (20)

Dec. 22-23 '61 3.77 1.01 0.77 (20)

Nov. 26 '62 3.75 0.99 0.84 (20)

Dec. 24 '63 3.72 1.01 0.81 (20)

Dec. 26 '63 3.75 0.97 0.84 (20)

2547

4<sup>L</sup> 21.2

+17° 20

Mar. 25 '62 4.77 0.16 0.13 (20)

Dec 26 28 '61 4.81 0.16 0.11 (20)

Mar. 26 '62 4.79 0.16 0.12 (20)

2609 4<sup>h</sup> 25.8 +15° 46

Nov. 26 '62 3.37 0.20 0.13 (20)

Sept 27 '62 3.38 0.21 0.16 (20)

Oct 5 '62 3.33 0.22 0.13 (20)

Sept 30 '62 3.39 0.19 0.14 (20)

Oct 2 '62 3.38 0.20 0.15 (20)

2667  $4^b$  31.0 +14<sup>D</sup>44

be 22-23'1 4.78 0.16 0.06(20)

2689

4<sup>h</sup> 33.0

+16°25

Sept. 27 '62 0.86 1.54 1.92 (20)

Sept 26 '62 0.86 1.54 1.86 (20)

Oct 2 '62 0.86 1.53 1.89 (20)

Oct 7 '62 0.84 1.53 1.83 (20)

Dec. 25 '63 0.89 1.54 1.84 (20)

Dec. 26 '63 0.88 1.53 1.85 (20)

Dec. 27 '63 0.89 1.54 1.86 (20)

166.2-7      4<sup>4</sup>46.5      +10°49(1960)

Dec 26'62 9.35 0.32 0.20(100)

2871                      4<sup>L</sup> 49.3                      +36° 37

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Dec 22-23 '61      4.80    1.40    1.57 (20)

Dec 24 '63            4.76    1.39    1.58 (20)

Dec 24 '63            4.78    1.41    1.56 (20)

Dec 26 '63            4.77    1.41    1.58 (20)

Dec. 27 '63            4.78    1.41    1.55 (20)



3046

Mar 26 '62

2.72 0.10 0.02 (20)

5<sup>h</sup> 05.4

-05° 09

3155

5<sup>h</sup> 15.6

+40° 03

Dec 22-23 61

4.70

0.62

0.13

(20)

3257      5<sup>6</sup> 23.1      +28° 34

Nov. 26 62      1.73      -0.20      -0.50 (20)

3607 5645.7 + 39° 10

Dec. 24 '63 4.52 0.97 0.67 (20)

Dec. 25 '63 4.55 0.94 0.69 (20)

3717 5<sup>h</sup> 55.4 + 5417<sup>01</sup>

Dec-26'63 3.69 1.02 0.84 (20)

3730  $5^{\text{h}} 55.9$   $+44^{\circ} 57$

Nov. 26 '62 1.90 0.04 0.05(20)

3961 6<sup>L</sup> 13.3 +23° 59

Nov. 26 '62 6.09 0.90 0.57(20)

4280      6<sup>h</sup> 34.8      +16° 27

Nov. 26 '62      1.94      -0.00      0.05 (20)

Nov. 25 '62      1.94      -0.01      0.07 (20)

May 1 '62      1.89      0.03      0.03 (20)



4295

6<sup>h</sup> 35.7 -18° 12

Dec. 24 '63

4.45 1.15 1.03(20)

Dec. 27 '63

4.42 1.07 1.10(20)

4480 66 49.5 +34° 01

Mar 24'62 3.59 0.13 0.18(20)

Apr. 28'62 3.60 0.10 0.14(20)

Apr 30'62 3.71 0.18 0.22(20)

4824 7<sup>6</sup> 15.2 +16° 38

Mar 26 '62 3.60 0.11 0.10 (20)

Mar 24 '62 3.60 0.13 0.18 (20)

4854 7<sup>h</sup> 17.1 +22°05

Q<sub>130</sub>'62 3.51 0.41 0.03(20)

4935

7<sup>h</sup> 22.9

+09° 23

Mar. 25 '62	4.99	1.00	0.79 (20)
Mar 26 '62	5.00	1.00	0.76 (20)
Apr 30 '62	5.00	1.01	0.81 (20)
Dec 24 '63	5.00	1.02	0.78 (20)
Dec 25 '63	5.03	1.03	0.77 (20)
Dec 26 '63	5.02	1.01	0.77 (20)
Dec. 27 '63	5.01	0.95	0.87 (20)

4969 7h 25.4 +09° 02

Dec. 24'63 4:34 1.39 1.54(20)

4973 7<sup>h</sup> 25.9 +31°53

Apr. 28<sup>62</sup> 4.14 0.32 -0.02(20)

5149  $7^{\text{h}}$  41.4 +24° 31

Mar 26 '62 3.59 0.93 0.67 (20)

Mar 1 '62 3.58 0.92 0.68 (20)

Apr. 28 '62 3.57 0.94 0.68 (20)

Apr 30 '62 3.65 0.98 0.72 (20)

Dec 24 '63 3.56 0.96 0.69 (20)

Dec. 28 '63 3.64 ~~0.86~~ 0.72 (20)

Dec. 25 '63 3.60 0.92 0.73 (20)

Dec. 27 '63 3.55 0.95 0.71 (20)

39



5166 7<sup>h</sup> 42.3 +28°09

May '62 1.14 0.99 0.83(20)

Apr 30 '62 1.24 1.00 0.87(20)

Dec. 28 '63 1.14 1.02 0.80(20)

5242 7<sup>h</sup> 50.4 +26° 54

Nov 26 62 4.95 0.10 0.12 (20)

5476      8<sup>hr</sup> 13.8      top 20

Dec. 20 '61    3.50    1.50    1.79 (20)

Dec. 26, 28 '61    3.46    1.48    1.84 (20)

May 1 '62      3.53    1.48    1.80 (20)

Dec. 28 '63      3.54    1.47    1.73 (20)

Dec. 25 '63      3.53    1.46    1.78 (20)

Dec. 26 '63      3.49    1.49    1.78 (20)

Dec. 27 '63      3.50    1.49    1.81 (20)

SS06 8<sup>h</sup> 17.0 +27° 23

Dec. 20'61 5.22 0.38 -0.05(20)

Dec 26, 28'61 5.09 0.47 -0.06(20)

5552      8<sup>h</sup> 22.1      -03° 35'

Dec. 20'61    5.57    0.48    -0.06(20)

Dec 26, 28'61    5.51    0.55    -0.06(20)

5562      8<sup>4</sup> 23.2      -03° 45'

Dec. 20'61    3.87    0.01    -0.06(20)

Dec. 26, 28'61    3.88    -0.02    -0.01(20)

May '62      3.91    -0.04    -0.03(20)

5666  $8^h 34.8$   $+65^\circ 12$

Dec. 26, 2861 5.68 0.58 0.06(20)

5692  $8^{\circ}$  36.8  $+19^{\circ}57$

Apr. 28<sup>62</sup> 6.65 0.26 0.15(20)



5696

8437.0

+19°43

Apr. 28 '62

6.63 0.95 0.67(20)

W14913

23 46.4 +0.2 08

8.98 +7.95 +0.87

V82

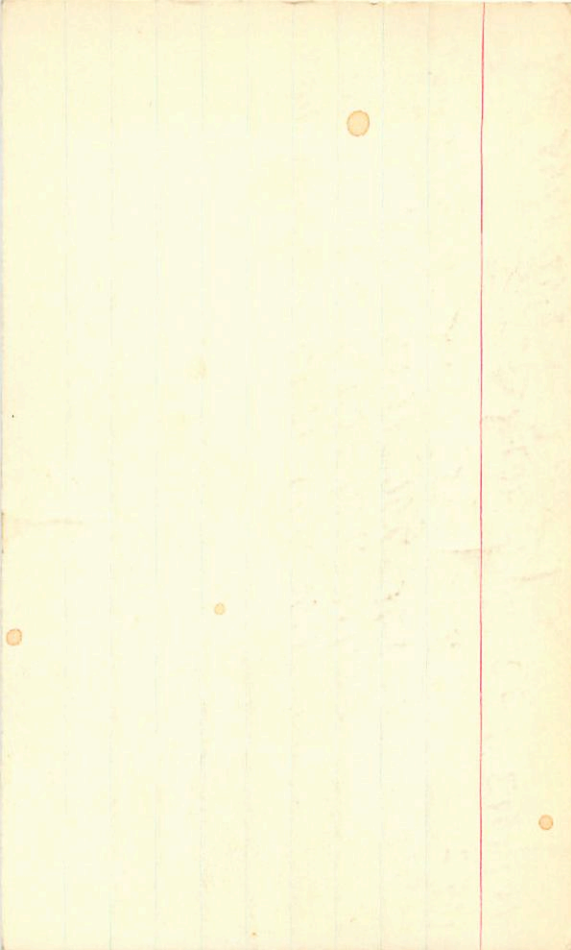
SKO

8.98 7.98 +0.85 11 Dec 63 100"

8.98 7.96 +0.85 10 " " "

9.00 7.99 +0.87 7 July 64 100"

8.98 7.97 +0.87 13 Nov 63 100"



2129-2 5<sup>h</sup>58.7 +23°18' (1960)

Dec 13 '63 8.24 0.58 -0.32 (100)

Dec 14 '63 8.25 0.56 -0.32 (100)

Oct. 24 '63 8.27 0.54 -0.32 (100)

11212

18° 43.5'

720° 30'

July 1 '62 4.23 0.43 -0.02 (20) July 7 '62 4.23 0.44 -0.03 (20)

" 4.21 0.43 -0.02 (20) July 8 '62 4.22 0.48 -0.01 (20)

" 4.24 0.48 0.06 (20) June 28 '62 4.20 0.43 0.02 (20)

July 2 '62 4.21 0.44 -0.01 (20) June 28 '62 4.21 0.44 0.03 (20)

" 4.21 0.44 0.00 (20) July 14 '62 4.21 0.47 0.04 (20)

" 4.22 0.46 -0.05 (20) July 11 '62 4.23 0.43 0.04 (20)

July 3 '62 4.25 0.44 0.02 (20) July 9 '62 4.21 0.44 0.02 (20)

4.25 0.46 0.04 (20) July 30 '62 4.20 0.45 -0.01 (20)

July 5 '62 4.29 0.44 -0.04 (20) July 31 '62 4.21 0.46 0.03 (20)

July 6 '62 4.18 0.46 -0.01 (20) Aug 1 '62 4.22 0.44 -0.03 (20)

V85 A      0<sup>h</sup> 15.1      43° 44' (1950)

Dec. 4 '63    8.12    1.54    1.22 (60)

10624

18<sup>h</sup>08.0

+38°27

July 27 '63 6.40 0.87 0.58 (20)

July 28 '63 6.41 0.87 0.61 (20)

July 21 '63 6.42 0.88 0.58 (20)

June 17 '63 6.40 0.87 0.58 (20)

June 27 '63 6.39 0.89 0.57 (20)

June 17 '63 6.40 0.87 0.58 (20)

June 27 '63 6.39 0.88 0.59 (20)

16825-

16825

329	93 64	120)	14 January
332	93 68	120)	" "
328	93 67	120)	12 "
325	93 65	"	13 "
325	94 66		5 July
324	94 68		7 "



