

55346m

A 6.15 +0.415 +0.145 260"

A 6.11 +0.37 +0.145 2100"

B 10.31 +0.715 +0.175 260"

B 10.20 +0.685 +0.225 2100"

5534 C 49.6 438 56 1950

6.13 +0.39 +0.15 (4)

6.12 +0.35 +0.18 29 Dec 62 60"

6.17 +0.41 +0.16 21 Dec 62 60"

6.13 +0.42 +0.13 22 "

6.09 +0.39 +0.15 28 " "

10.29 +0.72 +0.20 21 Dec 62 60"

10.24 +0.71 +0.15 22 "

10.21 +0.70 +0.20 28 " " "

10.18 +0.67 +0.25 29 " "

AD 55469 6 460 +7 41 8.365-

7.97 +0.57 +0.04 24 checks

7.91 +0.60 +0.04 12 checks

107-359/35

6 53.0 + 40 09

9.6 + 3

12.4 + 2

A

9.10 + 1.12 + 0.97

20 Dec 63 200'

A'

13.91 + 1.01 + 0.80

" " "

B

~~13.94 + 1.01 + 0.80~~

20 Dec 63 200'

11.10 + 1.43 + 1.05

J&M
ADS 5559

6 58.8 +13 15

1950

4.73 +0.31 +0.04 14 Dec 63 100"
4.76 +0.31 +0.02 24 Oct 63 "
4.74 +0.31 +0.03

7.68 +0.71 +0.21 14 Dec 63 100"
7.69 +0.70 +0.18 24 Oct 63 "
7.68 +0.72 +0.20

AH Gum 4 50.4 +10 03 1950

^d
0.34 class
excluded

13.46 +0.58 +0.04 100 2262

ER Mon

6 50.3 - 2 23 11.4 - 12.0

^d
3.96

11.02 + 1.22 + 0.87

10.81 + 1.16 + 0.68

10.84 + 1.10 + 0.58

3:55 AM 3 Nov 67

2:46 " 30 Nov

22.28

31 Jan 68

AD55597 4 533-9 25

8160 1950

7.80 +0.56 +0.04 12 Dec 63 no
vw 8.64 +0.55 +0.02 14 " "

9.84 +0.74 +0.37 12 Dec 63 no
9.85 +0.80 +0.38 14 " "

FR MON 6 50.3 -0.2 23 1950

22:45 10.82 +1.09 +0.77 22662100

23:20 11.12 +1.26 +0.85 311111

22:05 11.22 +1.26 +0.79 511111

22:10 10.83 +1.03 +0.72 6

21:40 10.77 +1.07 +0.87 21763100

2045 11.25 +1.30 +0.88 23763100

2006 10.74 +1.04 +0.81 26763100

TX Mon 4 48.4 -01 22 1950

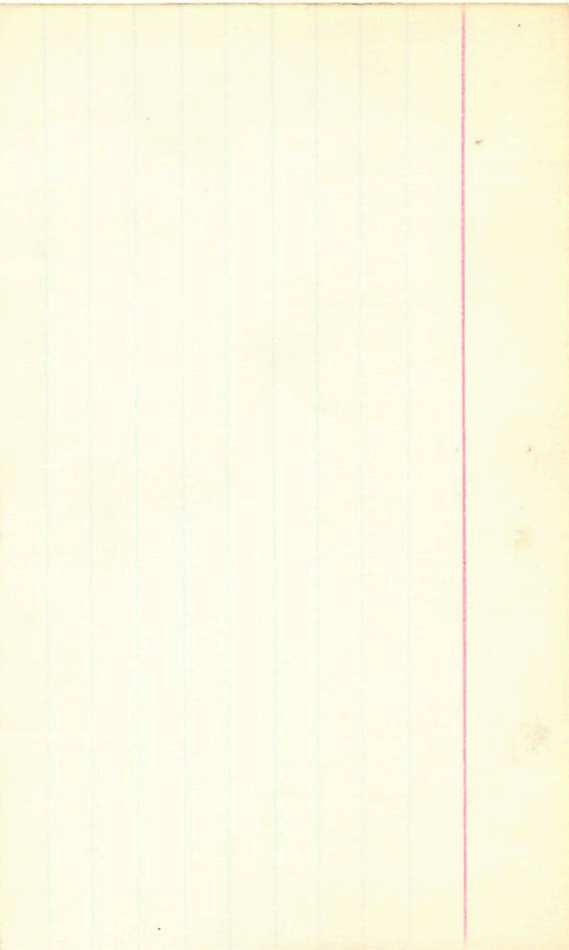
Up

22:30	10.86	+1.05	+0.61	22	62	100
23:00	10.78	+1.05	+0.66	3	"	"
21:40	10.72	+1.12	+0.66	5		
21:50	10.02	+1.15	+0.74	6		

F-T Mon 6 19.0 + 4 06 12.8-14.5 4.83^d

13.12 + 1.21 + 0.79 3:40 AM Nov 3 1967

12.29 + 0.91 + 0.66 22:15 Jan 31 1968



CW Mon 6 30.2 +0.05 19.50

cup

21:30

13.39

+1.32

+0.87

27 Jan 66 200"

19:53

13.64

+1.43

+1.12

26 Feb 63 100"

4.71

20:20

13.28

+1.23

+0.85

23 Feb 63 100"

21:35

13.25

+1.24

+1.05

100 27 Feb 62

22:30

13.54

+1.46

+1.14

" 3 " 4

21:15

13.87

+1.53

+1.20

" 5

21:35

13.41

+1.28

+0.93

6

03:10

13.39

+1.34

+1.11

25 Oct AM 62^{100"}

03:00

13.20

+1.25

+0.89

29 AM Oct 62 "

02:20

13.83

+1.47

+1.14

28 AM Oct 62 "

23:05

13.10

+1.12

+0.41

29 Dec 62 100"

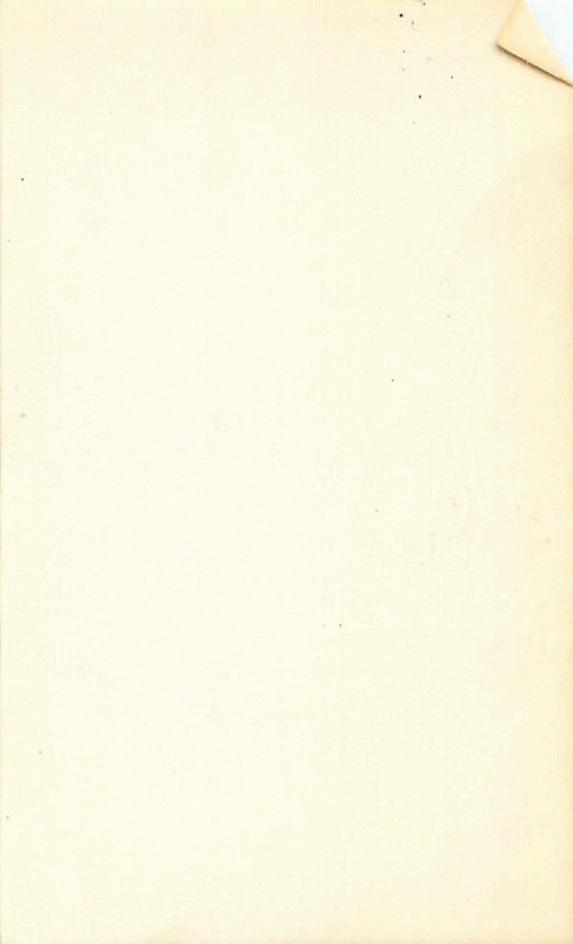
C5 Mon 6 ^{29.5}~~30.0~~ +6 41 1950

cep 6^d7

1920	10.78	+1.04	+0.74	25	2663
2030	10.97	+1.22	+0.75	23	2663
2124	10.74	+1.05	+0.77	21	2663 100"
21:20	10.85	+0.95	+0.69	100"	27662
22:25	10.89	+1.16	+0.75	"	3 " "
21:05	11.09	+1.28	+0.82		5
21:25	11.26	+1.32	+0.90		6
02:57	10.93	+1.17	+0.81	100"	28lit Am 62

10. 413
65
83
12
A
13
923

10.71	+0.06	-0.15		24 lit 62
10.66	+0.10	-0.12		
10.33	+0.26	-0.12	100"	27 2663
10.33	+0.06	-0.10	100"	3 2662
10.71	+0.28	-0.15	23 2663	" 3 " 4
10.68	+0.08	-0.09	"	6



XX Mon
Sep 5-9

6 49.7 -0.2 45 1950

22:40 11.91 +1.13 +0.75 100 22662

23:15 11.62 +1.05 +0.69 " 3 " "

22:15 11.97 +1.32 +0.85 5

22:00 12.19 +1.29 +0.97 6

03:50 11.83 +1.23 +0.86 100" 25 Oct AM 62

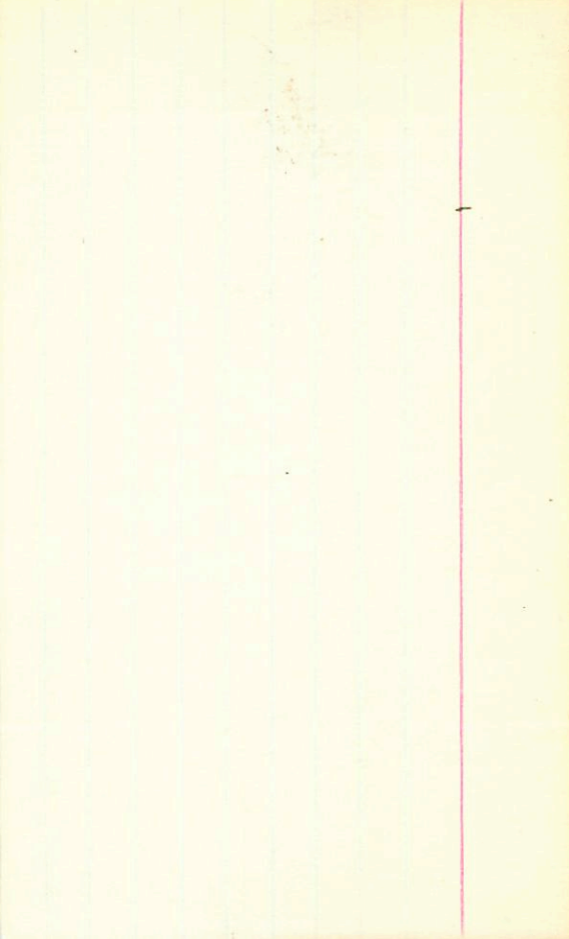
21:32 11.83 +1.17 +0.77 " 21 2863 100"

20:40 12.19 +1.32 +0.97 23 2863 100"

20:02 11.54 +0.95 +0.64 26 2863 "

XX Mon 6 49.7 - 2 45 12.3-13.3 5.45^d

12.04 +1.32 +0.96 3:50 AM 3 Nov 67
12.21 +1.37 +0.78 3:45 AM 4 Nov 67
11.70 +1.08 +0.73 22:25 31 Jan 68



SUMON 6 18.8 + 6 30 1950

Cap d
15.2

21:00 8.99 +1.11 +0.24 27 Feb 62 100"

22:00 8.53 +1.10 +0.80 3 " " "

20:45 7.74 +0.79 +0.59 5

21:00 7.84 +0.98 +0.67 6

20:00 7.98 +1.03 +0.82 10 March 62 100"

02:47 7.96 +0.99 +0.79 25 Oct AM⁶² 100"

21:21 ~~21:7~~ 7.78 +0.79 +0.58 27 Feb 63 100"

VW Mon

cup
el
1.53

02:15				28 AM Oct 62
21:15	13.44	+1.12	+0.81	27 Nov 62 100"
22:15	13.40	+1.14	+0.91	3 " " "
20:55	13.43	+1.15	+0.77	5
21:10	13.29	+1.15	+0.81	6
02:53	12.89	+0.93	+1.20	29 Oct AM 62 100"
02:15	13.12	+1.05	+0.64	28 Oct AM " "
22:55	13.16	+1.12	+0.42	29 Dec 62 100 "
19:47	12.55	+0.88	+0.65	26 Dec 63 100 "

AC Mon

6 5-8:4

-08 38 1950

cup

8:00

23:00

9.95 +1.07 +0.78

22862¹⁰⁰

23:35

9.86 +1.03 +0.74

312²²

22:30

9.98 +1.17 +0.78

512⁵

20:50

9.87 +1.04 +0.76

23263

20:15

10.00 +1.14 +0.90

2612¹¹

YY Mon 6 5-18 -07 36 1950
Apr 3.4

22:55	13.98	+1.23	+0.97	100	24262
23:25	14.12	+1.20	+0.91	"	" 3 "
04:00	13.14	+0.91	+0.64	100	Oct ²⁵ 25 AM 42
2055	13.68	+1.11	+0.65	100	23 2663 100
2009	14.17	+1.17	+0.80	100	26 " 63 "
21 45	14.13	+1.25	+0.75	200	27 Jan 66 200 "
A	13.23	+0.82	+0.14	3 26 100	1942

SZ Mon 6 48.9 -0.18 1950

cup

0.4 B 12.18² +0.32 +0.11 100 2-6 2 6 2

0.4 ~~10.39~~ +0.22 +0.20 100 2-1 3 6 2

12.13 +0.37 +0.10
A-B 10.69 +0.76 +0.38 6

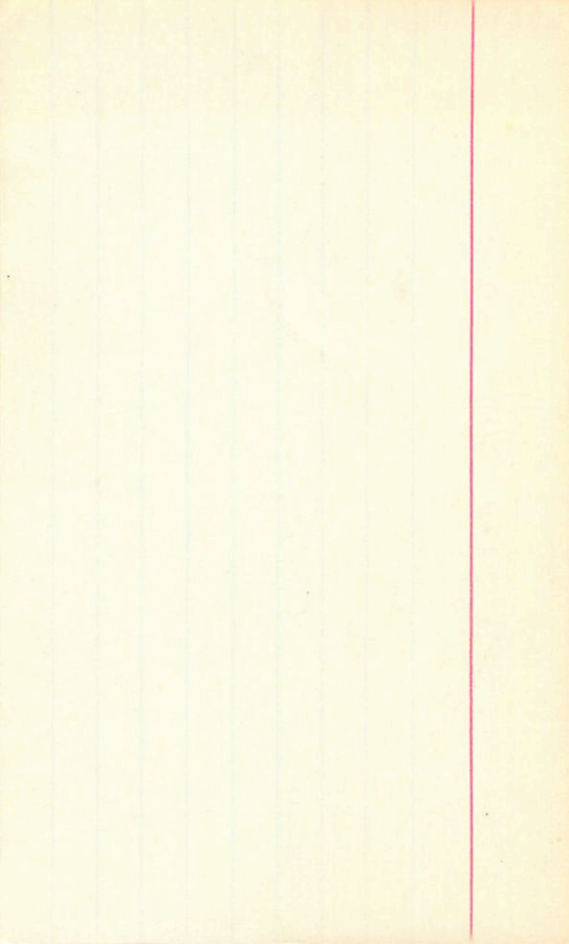
23.10 A 10.39 +1.14 +0.92 100 2-1 3 4 2

0.4 10.79 +1.12 +0.70 100 5

EV Mon 10.81 +116 +0.68 2:46 AM 30 Nov 67

AC Mon 9.86 +109 +0.77 2:50 AM 30 Nov 67

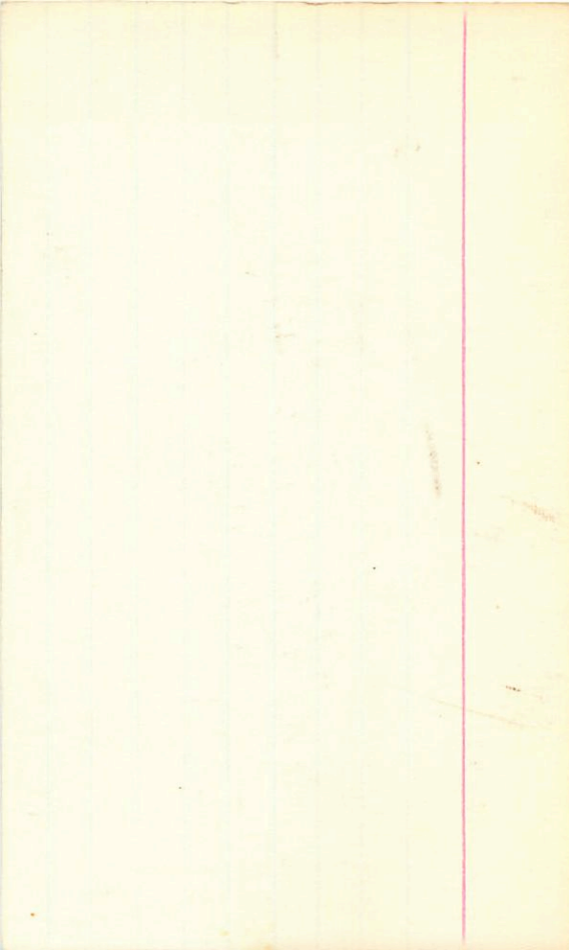
FI Mon 12.72 +106 +0.73 3:00 AM 30 Nov 67
12.86 +112 +0.77 22:35 31 Jan 68



802

AC Mon 6 58.6 - 8 38 10.3 - 11.1

10.40	+1.40	+1.03	4:00 AM	3 Mar 67
9.86	+1.09	+0.77	2:50 "	30 Mar 67
9.48	+1.04	+0.77	22:31	31 Jan 68



EE MON U 48.4 4 -0756⁵ 1950

Cap
4.8

27.662
~~15~~ 100

22'10 12.80 + 0.99 + 0.85

FT Mon

6

19.5

+0.4

06

19550

1940

12.12

+0.28

26

25663

1906

13.04

+1.18

25

257163

2015

12.83

+1.15

23

237163

ap
4.8

02:05

13.05

+1.23

28

28 AM Oct 62

21:10

13.03

+1.23

100

100 Feb 2 '62

22:10

12.89

+1.09

"

" 3 "

20:50

12.90

+1.19

"

" 5 "

21:20

13.13

+1.21

"

" 6 "

20:05

12.27

+0.91

10

10 March 62 1000 "

02:52

13.13

+1.19

25

25 Oct 62 100 "

02:45

12.03

+0.79

29

29 AM Oct 62 "

WDS 5724 > 60.0 +5631 8.6 f

9.35 +0.48 +0.03

9.39 +0.47 +0.02

AP 9.42 +0.48 +0.03 17 Dec 63 2000

9.36 +0.49 (-0.23) 18 " " "

9.38 +0.49 +0.01 20 " " "

9.39 +0.49 +0.02

10.03 +0.49 +0.03

+0.05

9.49 +0.49 +0.03

+0.02

10.00 +0.48 +0.02

10.01 +0.49 +0.03

17 Dec 63 2000

18 " " "

20 " " "

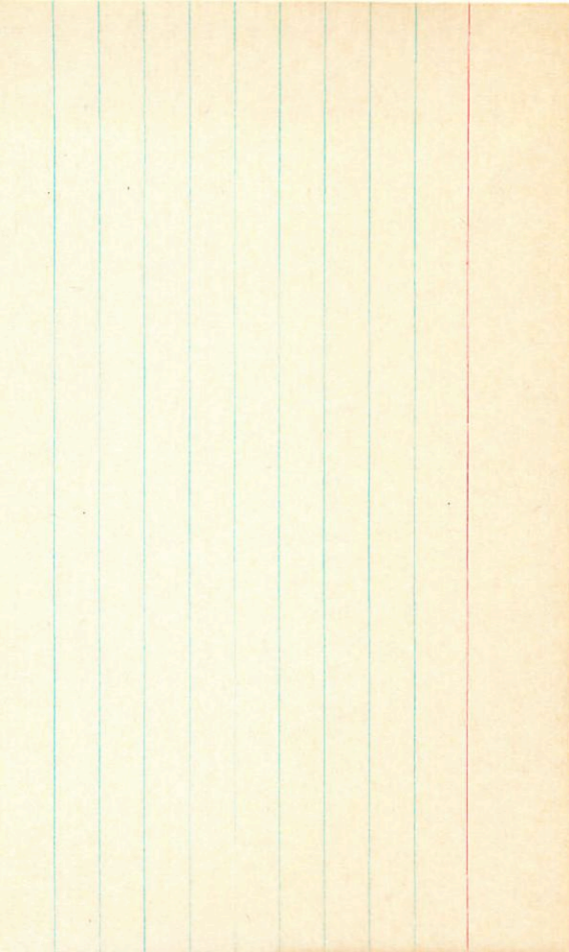
5669 6 58.5 175 18 1940

7.12 +0.56 +0.11 27 Dec 62 60°

8.24 +0.75 +0.44 27 Dec 62 60°

G108-42 6 55.4 + 2 25 1965

16.16 + 0.18 - 0.78 2 marks 5 100"



ADS 5724 7 60.8 +56 30.

9.37 +0.47 +0.03

AB 9.36 +0.46 +0.03

9.39 +0.47 +0.03

9.38 +0.48 +0.02

4 Dec 63 60"
9 Jan 64 200"
8 " " "

C 9.97 +0.48 +0.02

10.00 +0.49 +0.05

9.98 +0.50 +0.02

9.98 +0.49 +0.03

4 Dec 63 60"
9 Jan 64 200"
8 " " "

5752 7 023 -2 59 1962

8.8 } 0.2"
9.0 }

8.18	+0.69	+0.18	29 Sept 62 ¹⁰⁰
8.13	+0.65	+0.17	30 Sept 62"
8.21	+0.67	+0.18	Oct 27 1963 ¹⁰⁰ "

3 km
S742 B

7 06.2 +20 39 1950

11.54 +0.42 +0.03 200" 21 Nov 62

11.47 +0.41 +0.03 100" 29 Dec 62

W4690/95

7 05.1 +15 37 25dFF-13c
05.3 +15 36 24dFF-11c

7.83 +0.57 -0.01 13 duc 63 1009
7.80 +0.56 0.00 14 "

7.82 +0.565 -0.005

7.74 +0.54 -0.06 13 duc 63 1009

7.71 +0.53 -0.06 14 "

7.72 +0.535 -0.06

+1901612 07 05.2 7.9 78.4 05

8.57 +0.54 -0.07 2571631001

FI Mon 7 8.4 -07 03 1950

Leg 303

23:05	13.20	+1.25	+1.02	100	27662
23:40	12.55	+0.93	+0.73	"	300"
22:40	13.18	+1.26	+0.94		5
21:00	13.63	+0.98	+0.67		237663
21:59	12.85	+1.15	+0.71		200 27666

5925 > 12.5 -15 23 1950

AB 7.29 +0.43 -0.04 24 Oct 62 100^y
7.27 +0.41 -0.04 26 " " "

7.25 +0.45 -0.03 27
→ 7.27 +0.43 -0.04

C 9.83 +0.64 +0.07 24 Oct 62 "
9.83 +0.61 +0.09 26 " "

9.84 +0.60 +0.07 27
→ 9.83 +0.62 +0.08

A 15.63 +30 -55 }
 14.58 +1.68 +1.20 }
 13.29 0 7 0.6.9 }
 6.87 -28 }
 15.55 +0.30 -54 }
 14.52 +1.64 +1.13 }
 15.64 +1.0 -51 }
 14.64 1.64 +1.25 }

15.57 +3.0 -53 } Dec 15
 14.56 1.67 +1.13 } 19.3.200
 14.67 +1.65 }
 14.67 +0.30 }
 15.68 +0.30 }
 14.67 +1.27 } 100" Dec 8

→ 14670 white dwarf, C₂ bands

14.59 +1.69 +1.20 }
 15.63 +0.15 -0.43 }
 14.62 +1.70 +1.24 } 100" Dec 25
 15.62 +0.34 -0.59 } " "

14.37 +1.88 +1.31 } 26 cent
 15.65 +0.28 -0.53 } 26
 10.4
 10.6

4 14.63 +1.48 +1.21 }
 15.64 +0.30 -0.50 }
 13.7 0.15 }

1462 + 1168 + 1119 2 200 "

1463 + 1167 + 1104 2 100 "

ADS ~~5956~~ 7 ~~18.0~~ +1.04 ~~0.30~~ 8.2 NO 1550

5949

56361

8.56 + 0.80 + 0.46 12 Dec 63 100"
8.61 + 0.87 + 0.46 14 " " "

$\frac{8.58}{8.58}$ $\frac{1.71}{1.71}$ $\frac{0.92}{0.92}$

(GMM)

-0031 +002

-1

-344 +464 813 +0733 +0022 +0955

-322 755 -572 +0687 +0036 +0923

882 458 108 +9881 +0022 -1660

5954 7 14.8 -11 57 1950

6.74 +0.42 -001 27

AB 6.72 +0.44 -0.05 24 Oct 62 100'

$\frac{6.69}{6.72} \frac{+0.43}{+0.43} \frac{-0.07}{-0.04} 26''''$

C 9.65 +0.90 +0.49 24 Oct 62 100'

9.63 +0.88 +0.47 26''''

$\frac{9.67}{9.65} \frac{+0.86}{+0.88} \frac{+0.46}{+0.47} 27$

AD55996 7 18.0 to 30 0.8 BF

AB 6.91 -0.2 -0.5 14 Dec 63 100"
6.88 -0.1 -0.5 4 Mar 64 200"

C 13.04 +0.74 +0.31 14 Dec
13.05 +0.67 +0.27 4 Mar 64 200"

D 13.09 +0.71 +0.25 14 Dec
13.12 +0.65 +0.24 4 Mar 64 200"

E 11.52 +0.72 +0.21 14 Dec 63
11.55 +0.72 +0.21 4 Mar 64 200"

ADS 6068

7 23.2 11.1 12 7.705

1350

A 7.40 -0.08 -0.34 13 Dec 63 100
7.42 -0.10 -0.30 (2 Dec 63 100
7.41 -0.09 -0.31 14 " " "

7.41 -0.09 -0.31

7.52 +0.04 +0.02

8.70 +0.14 +0.12

11.74 +0.64 +0.15

B 9.53 +0.05 +0.02 14 Dec 63 100
9.51 +0.02 +0.02 12 Dec 63
~~9.42 +0.01 +0.10 13 " "~~

a 8.70 +0.13 +0.12 12 Dec 63
8.69 +0.15 +0.24 14 " "

b 11.73 +0.65 +0.16 14 " "
11.74 +0.63 +0.14 12 Dec 63 100

WDS 181 7 23 44 -58 26 11.58 +1.38

10.50 +0.685 24 Dec 72 128" N/A 6.74.72

10.45 +0.710 24 Dec 72

10.24 +0.70 20 Dec 69

10.67 +0.665 26 Jan 69

~~10.46 +0.665 26 Jan 69~~

~~10.44 +0.665~~

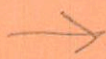
22V

977

971

10.46 +0.69 (4)

+0.4



20 R of A

6.35 +0.21 30 Dec 74
6.35 +0.23 18 Jan 75
6.35 +0.22

DDSL073 7 236 418 37 7.770 1550

Di 20" \approx 90° from B

A 7.27 +0.33 70.12 12.46x63.100"
7.26 +0.33 70.11 13 " " "

B 8.20 +0.34 70.06 12.46x63.100"
8.21 +0.35 70.05 13 " " "

C 9.91 +0.18 70.09 12.46x63.100"
9.92 +0.18 70.08 13 " " "

D 13.63 +0.57 70.06 12.46x63.100"
13.67 +0.63 70.06 13 " " "

2 mi

ADS 6101 7 25.4 +7 03 1550

5.53
11.33

~~B 12.1~~

B 12.42 +0.88 — 2 Jan 62

LOS 181

7

23.6

~~1965~~

-58

24

128"

SP

} 6.58 + 0.71 ^{GS 10}

} 12.2

6.73 + 0.68 + 0.27 9 mar 67

6.73 + 0.72 + 0.28 10 mar 67

6.58 + 0.71 + 0.28 ^{large}

6.73 + 0.71 + 0.28

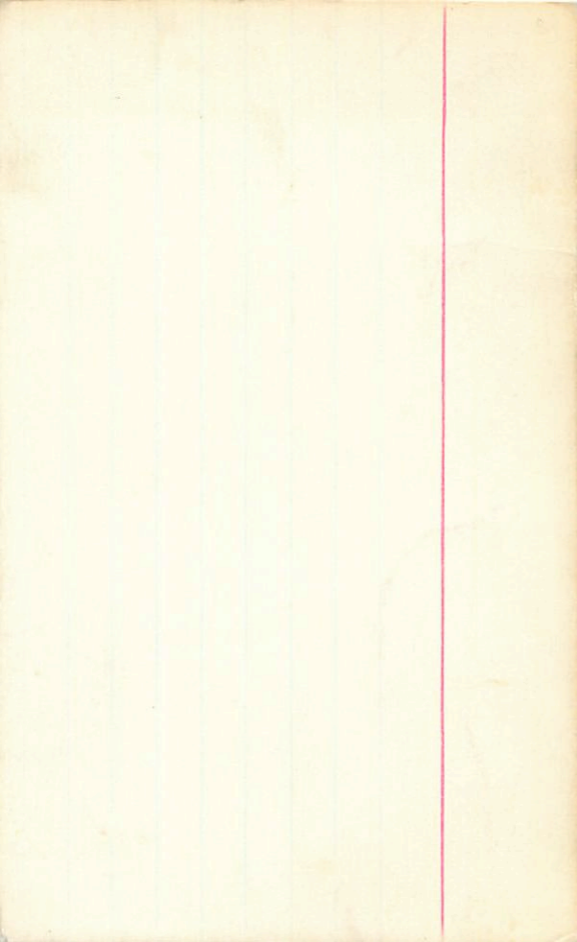
+1.24

11.58 + 1.37 + (1.16) 9 mar 67

11.41 + 1.35 + 1.30 ^{2 dec 72}

11.59 + 1.40 + (1.23) 10 mar 67

11.50 + 1.39 + 1.29 (3)



ABS6154 7 29.4 +14 12 5.5

near 8.60 +1.61 +1.79 24 Oct 63 100

9.62 +0.63 +0.08 24 Oct 63 100
9.61 +0.65 +0.08 12 Dec 63 100
9.60 +0.66 +0.09 14 " " "

9.61 +0.65 +0.08

6-107-69/70 7 27.0 +48 19 1950

"
M-1.3

13.47 +1.68 — Apr. 20⁰⁰ 22 63
13.56 +1.73 +1.17 200⁰ Dec 18 1963
13.53 1.64 +1.12 " " 20 "

14.61 +0.99 +0.46 Apr 22 63
14.62 +0.99 +0.38 200⁰ Dec 18 1963
14.61 +0.99 +0.36 " " 20 "

V246

7 28.7 +36 20

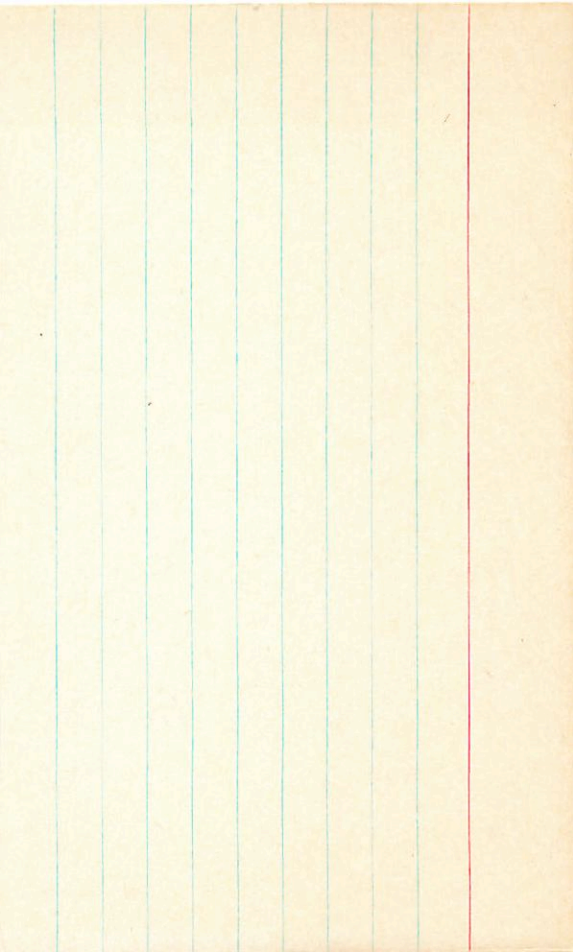
Ross 989

A

10.61 +1.44 +1.19 / 2m x 6.5100"

B

11.74 +1.64 +1.19 / 2m x 6.5100"



DD56160 7 288 123 00 644 65 1510

6.55	+0.98	+0.78	12 Dec 63 1000
6.52	+1.01	+0.78	14 " " "
6.55	+1.05	+0.74	13 " " "
<u>6.54</u>	<u>+1.01</u>	<u>+0.77</u>	

8.98	+0.52	+0.07	12 Dec 63 1000
8.95	+0.55	+0.05	14 " " "
8.96	+0.58	+0.03	13 " " "
<u>8.94</u>	<u>+0.55</u>	<u>+0.05</u>	

A056157 7 29.6 - 8 35 155.0

A 8.66 +1.08 +0.91 10 March 62 100"

B 9.00 +0.35 +0.42 10 March 62 100"

W5109 > 37.5 -3 29 1950

AG 2809

G112-37/38

5109 7.24 6.68 +0.34 15 Dec 63

AG 8.97 8.11 +0.60 15 Dec 63

7.17 +0.96 +0.79 Cape

5109 7.09 +1.05 +0.74 12 Dec 63 100"

7.18 +0.97 +0.73 17 Dec 63 "

AG 8.93 +1.31 +1.24 12 Dec 63 100"

8.92 +1.35 +1.23 14 " " "

Cape

AD56285 7 38.8 + 58 50 1950

4.97 + 0.05 + 0.09 21" /

4.94 + 0.10 + 0.09

5.14 + 0.14 + 0.09 60" Apr 46 2

4.98 + 0.09 + 0.05 " 3 "

4.96 + 0.12 + 0.09

~~4.98~~ + 0.11 + 0.08

4.18 + 0.59 + 0.07 60" Apr 46 2

11.17 + 0.04 + 0.06 " 3 "

~~11.09~~ + 0.59 + 0.06

~~11.15~~ + 0.10 + 0.06

L-05 745-46 7 38.0 -17 17 1950

12.54 +0.26 -0.60 26 Oct 62

15.37 +0.65 +0.17 26 Oct

$$\begin{array}{r}
 10.2 \\
 11.5 \\
 \hline
 21.7
 \end{array}
 \begin{array}{r}
 444 \\
 444 \\
 \hline
 888
 \end{array}
 \begin{array}{r}
 10001 \\
 10001 \\
 \hline
 20002
 \end{array}
 \begin{array}{r}
 42.0 \\
 42.0 \\
 \hline
 84.0
 \end{array}$$

$$\begin{array}{r}
 10.25 \\
 10.27 \\
 \hline
 20.52
 \end{array}
 \begin{array}{r}
 +0.46 \\
 +0.44 \\
 \hline
 +0.90
 \end{array}
 \begin{array}{r}
 -0.16 \\
 -0.17 \\
 \hline
 -0.33
 \end{array}
 \begin{array}{r}
 28 \\
 28 \\
 \hline
 56
 \end{array}
 \begin{array}{r}
 60 \\
 60 \\
 \hline
 120
 \end{array}$$

$$\begin{array}{r}
 11.29 \\
 11.29 \\
 \hline
 22.58
 \end{array}
 \begin{array}{r}
 +0.48 \\
 +0.48 \\
 \hline
 +0.96
 \end{array}
 \begin{array}{r}
 -0.17 \\
 -0.20 \\
 \hline
 -0.37
 \end{array}
 \begin{array}{r}
 28 \\
 28 \\
 \hline
 56
 \end{array}
 \begin{array}{r}
 60 \\
 60 \\
 \hline
 120
 \end{array}$$

253, 016 71 7- 6.00 8 4559500

9.23 +0.80 +0.30 12.00 6.00

U2C Mi

7 48.2 +0.3 47 1950

850

A 1262 +43 -03 m/sec 11.60 +0.42 +0.07 ✓ 100 27662
1261 +49 00 14" 11.37 +0.44 +0.03 ✓ 100 1 " 62

B 1262 +76 +20 m/sec 11.59 +0.43 -0.01 ✓ 100 3 " 42
~~1261~~ 11.87 +0.48 -0.01 ✓ " 232963

C 11.37 +57 +03 m/sec 11.33 +0.44 -0.01 ✓ " 12 dec 63 r
11.80 +0.49 0.00 ✓ " 14 dec 63 100

ADS 655-4 8 02.2^{1.0} +12 24²⁰ 1963

C 11.42 +1.29 — 4 March 2005

1271

3.52 8.76

395

AB 7.90 +0.86 +0.45 Shot 98.04 2005 4 March 64 2005

7.54 7.76 +0.28 22.04 +0.12 +0.15 10 April 1005

ADS6680 8 $1\frac{1}{2}^4$ +40 32
30

AB 6.41 +0.21 +0.15 4Dec 63 60'

C 10.41 +0.56 +0.06 4Dec

10.51 -0.56 +0.03 9Jan 64 200'

D 13.66 +0.70 +0.24 9Jan 64 200'

ADS 6650 8 099 47 46 1943

NS432 3622

C 6.13 +0.60 +0.13 14 Dec 63 1000

6050
14

565
A0 505 70.54 +0.06 14 Dec 63 1000

63
75

A0C 4.637 -0.56 +07 14 Dec 63 1000

611-139

$$A \quad 13.70 + 1.11 + 1.07 \quad 100\%$$

$$13.69 + 1.06 + 0.92$$

$$\underline{13.70 + 1.08 + 0.99} \quad \textcircled{2}$$

$$13.63 + 1.07 + 0.92 \quad 200\%$$

$$13.47 + 1.08 + 0.95$$

$$\underline{13.65 + 1.08 + 0.99}$$

$$13.68 + 1.08 + 0.99$$

$$15.58 + 65 - 0.70 \quad 100\%$$

$$15.45 + 72 - 19 \quad 200\%$$

$$\underline{15.51 + 685 - 13} \quad \textcircled{2}$$

$$15.43 + 63 - 0.9 \quad 200\%$$

$$15.40 + 64 - 0.8 \quad 200\%$$

$$\underline{15.42 + 635 - 0.85}$$

$$15.45 + 65 - 10$$

G-11-89 8 14.6 +37 56 13.1 +2 } 67
15.3 +1

13.70 +1.11 +1.07 13 Dec 63 100"
13.67 +1.08 +0.85 20 Dec 63 200"
13.69 +1.06 +0.92 23 Feb 63 100"
13.63 +1.07 +0.92 22 Apr " 200"

15.59 +0.65 -0.07 13 Dec 63 100"
15.43 +0.63 -0.09 20 Dec 63 200"
15.45 +0.72 -0.19 23 Feb 63 100"
15.40 +0.64 -0.08 22 Apr 63 200"

LTT 12-162 8 13.0 +747 8.8 f 0.26["]

+802015

9.64 +0.06 +0.07 217662 100°
9.67 +0.10 +0.10

B 50" South

10.84 +0.86 +0.05 212662 100°
10.412 +0.73 +0.23 19 Jan 64 100°

6719 B 8 148 -5 13 775 F3 1552

7.74 +0.38 -0.04 24 Oct 63 1000

7.70 +0.41 -0.01 12 Dec 63 1200

7.75 +0.38 0.00 13 " "

7.73 +0.39 -0.01

6746

8 17.6 +47 34 1950

AB	8.60	+0.57	+0.04	27 Dec 62
	8.51	+0.57	0.00	21

CD	9.86	+0.83	+0.36	27 Dec 62
	9.79	+0.82	+0.35	21

E	8.29	+1.23	+1.04	27 Dec
	8.15	+1.24	+1.04	21

G-111-72/71 8 16.8 +38 44 1950

16.55 +0.38 -0.57 26 cent 2,100'
16.40 +0.34 -0.60

13.04 +1.54 +1.36 26 cent
13.09 +1.50 +1.32

ADS 6808 8 23.7 +7 42 1942

5.15 +95 +62 +20" ν^e

5.17 +0.94 +0.5-6 26 \geq 663
5.18 +0.47 +0.65 13 Dec 63 100"
5.18 +0.94 +0.67 28 Dec 62-100"

11.15 +0.58 +0.08 26 7 63 100"

11.16 +0.61 +0.06 13 Dec 63 100"

11.16 +0.61 +0.05 28 Dec 62-100"

ADS 6783 8 ^{20.8} 21.5 + 45 07

7.68 + 0.65 + 0.14 4 ver 60'

+ 1.00 + 77 → Talbot

9.33 + 1.50 + 0.31 2 ver 60'

RPS 07036 8 17.6 +74 57 4.7 -10.0
16.2 59 1000 Q_{0.0}
1963 10.5

6.35 + 1.06 + 0.85 4 Mar 64 2004

10.79 + 0.68 + 0.18 4 Mar 64 2004

6811 8 23.7 +24 42

7.04	+0.30	+0.06			17 Dec 62 200"	
7.82	+0.54	-0.05	6.92	+0.31	+0.10	23 Dec 63 200"
			7.03	+0.32	+0.04	
A			7.04	+0.31	+0.09	27 Dec 62 100"
			7.07	+0.26	+0.06	29
			7.07	+0.32	+0.04	13 Dec 63 100"
			7.83	+0.58	-0.06	23 Dec 63 200"
			7.79	+0.54	-0.06	23 Dec 63 100"
BL			7.79	+0.55	-0.03	27 Dec 62 100"
			7.84	+0.50	-0.05	29
			7.75	+0.47	0.00	17 Dec 63

A+B 6.53 +0.36 +0.02 29
 6.52 +0.34 +0.01 13

FBHya

8 24.5

+03 40

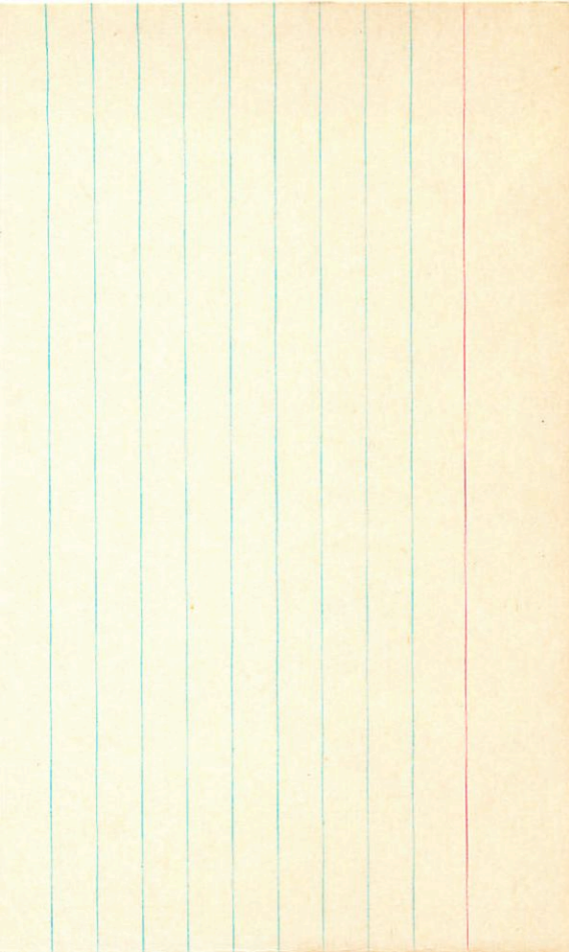
0.328

10.02 +0.61 +0.06

10.05 +0.61 +0.07

G 12.32 +0.55 ~~10.05~~ 2 marks 65 100"

F 12.88 +0.36 +0.12



AD56825 8 25.2-4 15 6.681=0

6.65 +0.33 +0.03 24 Dec 63 not
6.83 +0.35 +0.02 12 Dec 63 not

ADS 4885 8 33.2 +10 05 9.160¹⁹⁵⁰

8.70	+0.68	+0.16	13 Dec 63 100"
8.71	+0.67	+0.16	4 Mar 64 200"
8.66	+0.67	+0.19	5 " " "
9.76	+0.74	+0.33	13 Dec 63 100"
9.87	+0.69	+0.33	4 Mar 64 200"
9.75	+0.77	+0.34	5 " " "

8.68 +0.67 +0.17
9.75 +0.78 +0.33

ADSL830 L 8 26.2 +60 53 1950

10.97 +1.11 +0.84 22 Dec

11.08 +1.10 +0.81 21 Dec 62 60"

10.90 +1.11 +0.80 Apr 3 62 60"

opt. 10.89 +1.12 +0.79 Apr 4 62 60"

L
C C 11.45 +0.68 +0.11 3 62 60"

11.50 +0.64 +0.07 21 Dec 62 60"

11.40 +0.66 +0.08 22 " " "

6828

8 26.0 -2 2 7550

6.44 +0.33 +0.07 14 Dec 100

6.45 +0.33 +0.08 13 Dec 63 nr

6.47 +0.36 +0.05 12 Dec 63 nr*

6.49 +0.31 +0.06 27 Dec 62 100"

6.40 +0.32 +0.11 26 Feb 63 "

6.43 +0.32 +0.03 24 Oct 63 "

10.46 +0.81 +0.42 13 Dec 63 100"

10.45 +0.81 +0.41 13 Dec 63 100"

10.56 +0.79 +0.48 27 Dec 62 100"

10.42 +0.78 +0.40 17 Dec 63 100"

10.53 +0.85 +0.36 26 Feb 63 100"

10.50 +0.82 +0.41 24 Oct 63 "

6.44 +0.33 +0.07 (6)

10.49 +0.805 +0.41 (6)

Apr 3

(5)

AD56913

8 370 +5 57

25
2

7.15	+0.65	+0.09	5 May 62 100
7.30	+0.61	+0.07	26 Dec 62 "
7.30	+0.58	+0.08	29 "
<u>7.27</u>	<u>+0.61</u>	<u>+0.08</u>	

8.34	+0.85	+0.46	5 May 62 100
8.45	+0.84	+0.37	26 Dec 62 100 "
8.47	+0.79	+0.44	29 "
<u>8.42</u>	<u>+0.83</u>	<u>+0.42</u>	

G-40-31 8 344 +26 23 1550

14.15 +1.53 +1.12²⁰⁰ 1 Jan 62
14.16 +1.52 +1.07⁰⁰⁰ 2 Jan 62
14.17 +1.52 +1.18¹⁰⁰ 1 Feb 62

6886 8 33.2 + 4 48 1950

6.00 + 0.52 + 0.02 27 Dec 62^{100'}
5.98 + 0.52 + 0.04 28 " "
5.99 + 0.51 + 0.05 29 " "
5.99 + 0.52 + 0.04

7.30 + 0.71 + 0.27 27 Dec 62 100'
7.24 + 0.72 + 0.25 28 " "
7.22 + 0.70 + 0.29 29 " "
7.25 + 0.71 + 0.27 ③

LB 1947 8 376 4 19 54

18.12 +0.03 -0.51 17 Dec 63 sec

18.29 +0.01 -0.44 18 " " "

18.29 +0.12 -0.52 20 " " "

18.23 +0.05 -0.49 (3)

LB 340

8 37.6 +20 08

17.79	+0.24	-0.69	17.34	63	2008
17.90	+0.08	-0.68	18	"	"
17.85	+0.15	-0.66	20	"	"

<u>17.85</u>	+0.16	-0.68	3
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TX line 8 37.2 +19 10 1550

② 10.07 +0.63 +0.12 2 months 100"

10.00 +0.61 +0.12 ② 9.98 +0.65 +0.05 ✓ 23 Dec 63 100"

10.03 +0.65 +0.12 ② 10.16 X +0.65 +0.12 ✓ 27 Dec 62 100"

10.27 +0.65 +0.12 ② 10.00 X +0.61 +0.12 ✓ 24 Dec 62 100"

10.14 X +0.66 +0.12 ✓ 26 " "

10.24 +0.64 +0.07 ✓ 27

10.30 +0.65 +0.12 / 26 Dec 62 100"

10.01 X +0.61 +0.11 ✓ 28 Dec 62 100"

10.26 +0.64 +0.08 ✓ 21 Dec 63 100"

ADS 6988 8 43.7 + 28 57 2541

4.04 + 1.02 + 0.76 12 114 63 1008
4.02 + 0.99 + 0.77

6.57 + 0.05 + 0.03 12 114 63 1008
6.57 + 0.04 + 0.03 87 1008

LB 5898 8 37.5 +19 20

18.38 +0.56 -0.20 20 Dec 6, 2007

L-3 393 8 38.3 +19 51

17.71 +0.44 -0.59 17 Nov 63 2017⁴

17.61 +0.04 -0.68 18 " " "

17.67 +0.03 -0.53 20 " " "

17.66 +0.04 -0.60 (S)

G-114-B8

8 58 17

-4

10

1950

10.24 +0.59 -0.02

23 7/63

10.25 +0.59 +0.02

26 1/2 62 100"

10.30 +0.56 +0.02

26 "

10.28 +0.58 +0.07

23 2/63

14.47 +0.94 +0.60

26 1/2 62 100"

14.48 +0.97 +0.67

14.61 +0.92 +0.60

29

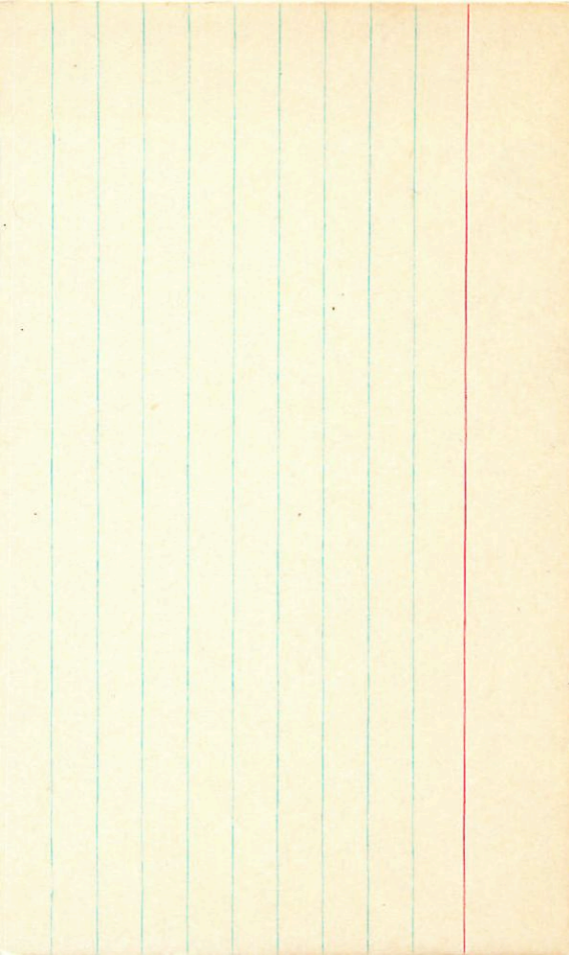
14.59 +0.94 +0.62

CC30415 8 58.2 + 5 27

G-46-1576

12.34 +1.44 +1.05 1 mark 45 100'

12.64 +1.44 +1.04 1 mark 45 100'



AOS 739 8 37.7 -12 168.015

8.07 +0.52 +0.04 14 Dec 6, 100'

8.13 +0.51 -0.06 12 Apr 6, 100'

AD57031 8 47.2 +15 01 7.24 FO

7.67 +0.42 +0.06 12 Dec 63 rec
7.67 +0.49 +0.08 14 Apr 64 rec

8.57 +0.44 +0.05 12 Dec 63 rec
8.59 +0.51 +0.09 14 Apr 64 rec