HR 5815/6

HDS 9728

W 5027/8

$\Delta m = 0.09$

+0016±3.2 −025±2.1
+0015 −037
15 36.0 −08 35
+0018
6.5 6.0 −035
6.6

dF6 dF6 +2.5 0 C
+02 Sa(40)

139401P
210301/29
902517

12"

57.917 1903.2 −9 37 43.06
−076 +1.35 1895.9
41.71

+018 −021 B
+024 −025 A
GC

+018 −025 AD GC+

1841

2.630 36.980
2.623 20.865
57.845 2681
.876 57.894
873 +053
3+7

1933.75

42.44 1123.84
47.00 37.9
47.44 42.0
47.20
43.24 87
+2 43.29
43.22 −1.56

43.20 1938.82
+9
43.11

25.564
32.362
57.926 +14/ 913

57.891
4
895

45.32
58.22
43.54 +14/43.54 1941.27

+0012±6.5 -021±6.9
+0001 -030
-0009 -031

-809-588 -150 989 +018-028 +3.5 004-00.5 -133

015 003-011-002 081-038 +3.4 -2.0 -2.8

57.817 1898.3 -8 37 54.95 1899.1
-062 +1.07
.755 53.88

+0015 -0028 59.14 1933.75
-00255

36.551
20.865
57.716
.34
750
-6
744

1520
760
+005

38.0

57.00
.14
56.14
1.20
.94
54.22
54.92

72.57
34.3
37.2

6686
57810 5543
-14
816 5597

55.15 1938.82
+9
55.06
54.99
-1.11

+0222
+023-024

57.772
4
776

9551 2960 7912-6116 0329 -0049 +5.3 +3.5 0090 5.21

+0016 -036
+0163 -0333
-0318

139460/1 0161 15 360 -8 88 dFL, dFL
0168

HR5815/16 0252
LC21029/30 026.5 -029

6.48 +52 -02 555 —

.806 .174 .356 2.618 θ 7,14,5,10
912 196 295

m1 229 228

C1 295 240 12"

6.50 +53 -02 555 —

.322 .170 .304 .2662 θ 5,13,18,4

+7
0
-67 +0

3.20 -6.5 -0.5 -4.7 .039
-108 -10 -143

321 177 343 2638

317 167 361 2.625

1.7022 15 584 84 06 10.5

5
2126

6a. 327 021

4.38 2154 014

383

337 017

327
17

27
10

99

```
R.A.      :   16.000
DEC.      :  -84.100
PM. R.A.  : X-3278.00
PM. DEC.  :  -17.000
DISTANCE  :    2.700
MODULUS   :       35
RAD. VEL. :  -10.500

                    :
p1          (U)     :  -0.378
p2          (U)     :  -0.735
p3          (U)     :  -0.562
Ub                  :  663.573
U                   :   28.911

                    :
p1          (V)     :   0.652
p2          (V)     :   0.219
p3          (V)     :  -0.726
Vb                  : X-1058.85
V                   :  -29.093

                    :
p1          (W)     :  -0.657
p2          (W)     :   0.641
p3          (W)     :  -0.396
Wb                  :  997.955
W                   :   38.765
```

99

R.A.	:	16.000
DEC.	:	-84.100
PM. R.A.	:	%-3278.00
PM. DEC.	:	-17.000
DISTANCE	:	2.700
MODULUS	:	35
RAD. VEL.	:	-10.500
q1 (U)	:	-0.378
q2 (U)	:	-0.735
q3 (U)	:	-0.562
dU	:	663.573
U	:	28.911
q1 (V)	:	0.652
q2 (V)	:	0.219
q3 (V)	:	-0.726
dV	:	%-1058.85
V	:	-29.093
q1 (W)	:	-0.657
q2 (W)	:	0.641
q3 (W)	:	-0.396
dW	:	997.955
W	:	38.245

14515 16 206 -36 05 +10.1 a

60494

-39 584

+006 q +005 Lindley

333 374

+080 +005

013

104
5
0.57
+101

-4

100

R.A.	:	16.350
DEC.	:	-39.100
. R.A.	:	104.000
. DEC.	:	5.000
STANCE	:	0.510
ODULUS	:	13
. VEL.	:	10.100
q1 (U)	:	-0.305
q2 (U)	:	-0.142
q3 (U)	:	-0.942
dU	:	-119.883
U	:	-11.028
q1 (V)	:	0.636
q2 (V)	:	0.706
q3 (V)	:	-0.312
dV	:	260.036
V	:	0.135
q1 (W)	:	-0.709
q2 (W)	:	0.694
q3 (W)	:	0.124
dW	:	-254.799
W	:	-1.966

100

3 71 A

16 23.1 -69 58

147584

-447640

4098

255

24

191 106

+03845 +1057 FIMS

197

+716

5777

0.40

+26

701

101

R.A.	:	16.400
DEC.	:	-70.000
1. R.A.	:	577.000
1. DEC.	:	106.000
ISTANCE	:	0.400
10DULUS	:	12
). VEL.	:	7.600

q1 (U)	:	-0.294
q2 (U)	:	-0.609
q3 (U)	:	-0.736
dU	:	-581.022
U	:	-12.582

q1 (V)	:	0.633
q2 (V)	:	0.453
q3 (V)	:	-0.628
dV	:	819.974
V	:	5.089

q1 (W)	:	-0.716
q2 (W)	:	0.651
q3 (W)	:	-0.253
dW	:	-342.786
W	:	-6.043

800 361 −0006 ± 6.3 −342 ± 3.8 −0012 −335

154417 17 02.7 +00 46 5.9 dF5 −17.5a

23050 −423636 0014 −339

9855 43.977 1894.5 +0 46 27.82 1899.4 −14.9 F

033 +17.31

44.010 45.13 17.05

43.969 −0013 −337 33.59 1933.35 +0.75

9 −0014 −3336 −10 17

974 40.1 −0016 33.49 646 −333

43.948 −017 −333 32.55 1136.34 1.15

963 6678 5297 972 −15.5

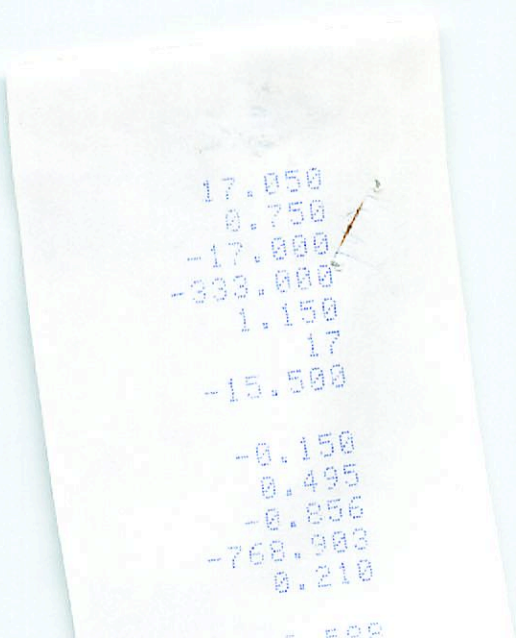
−047 43.901 22.72 33.23 34.9

+5 .41 −11.90 35.5

906 22.31

5424 −3640 306

−840 −4244


17.050
0.750
-17.000
-333.000
1.150
17
-15.500
-0.150
0.495
-0.856
-768.903
0.210

155895 17 17.6 -66 59

-69.160

652 387 184 405 (1)

652 385 179 407 (4)

+0946 ±10.6 +213 ±7.3
100 ±185
-46°8543 17 15.3 -46 35 +22.5

15627
23353
9977

5.48 +080 G8V .1653 B NOV Cape +20.8 ±0.8 +24.5 ±0.4 C

C +975 +213 GC

15.190 1901.1 -46 35 7.08 1896.8

-4626
10.564
22.235
51.370
3.605
50
655
652

34.8

13.5 416
11.607
12.5 47
23

581.02
591
4.544
14.051
-3.944
-348.7

14.490
-.440
450

-11.33
18.41

32.59 193.90
41.25
13.84
2.00
11.84
+6
11.76
10.43
-1
10.54

232
11.10
+7.25
1139.8

+1029 +166 446
+1005 +188 GC
+1017 +177

7.471
35.9

39.4

+1019
+1048.5
+1047 +178

17.25
-446
1.524
+179
-0.33
+33.5
+22.5
-0.45

```
      13.350
     -6.600
1524.0000
 178.0000
  -0.7500
        7
  22.5000

  -0.0082
  -0.3011
  -0.9500
 -559.0337
 -20.0490

   0.5552
   0.7733
  -0.2933
  41.3750
  17.7622

  -0.5823
  -0.5500
  -0.1006
-3615.0001
 -27.9074
```

103

HR6426 (7) 6.35 +44 / 9.23 +95 15.5 -34 56

12.1 -34 no 6 lines

+3.4 w(4)

-4.5 L(2)

+1167 -176

7.6 ms.

+0939 -182 N30

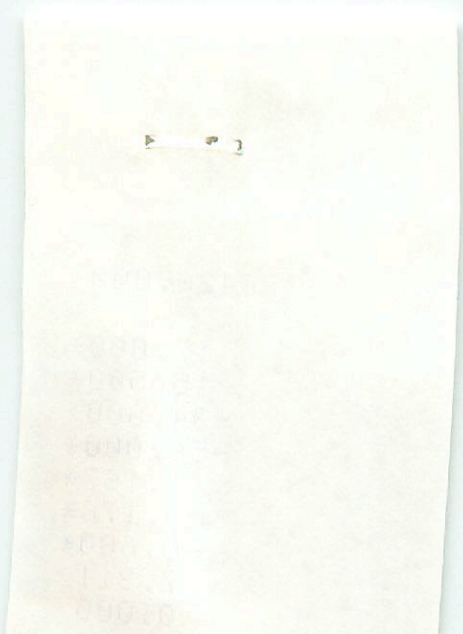
+0954 -170 CC →

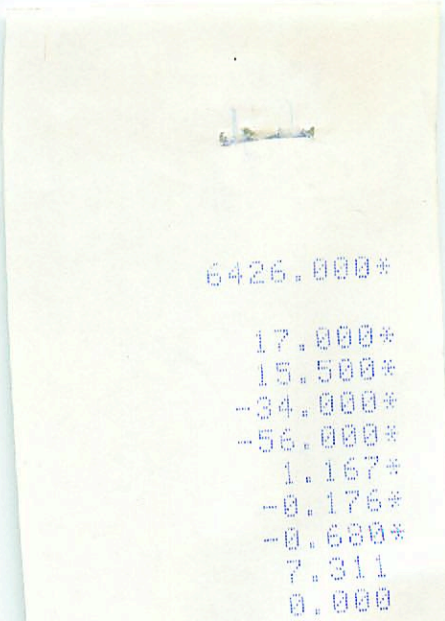
+0946 -176

0.8

+1.16

-105 -102 -984	-5783 +0850	-4933 -3.7
571 808 -144	+3.1450 -6740	+2.4710 +18.8
-814 580 026	-4.4834 -4838	-4.9672 -37.7




6426.000*
17.000*
15.500*
-34.000*
-56.000*
1.167*
-0.176*
-0.680*
7.311
0.000

1784 17 123 -25 5r -305 2r=

(6483) 529 477 34 +0031 -183 331 Correct

-318

+046 -183

-289491

682 587 (402) 342 529 0.243 446

04

-183

-305

-318

1005 17 2T3 −08 10 −634(4)C5

−04

T8170

6.36 +58 1.73 GO TO

GC23653

4 4 5 +55

1.9 1

−0066 −0140 GC+

−0065 −0375

−0058 ±3.9 −133 ±34

19.329 1913.8 −0074 −146 58.59 1910.3 −0965 −134

210 −0066 −0140 5.28

539 3 +3 53 3 1

57.850 −0063 −.137 39.93 1933.85

21.542 −149 18.45

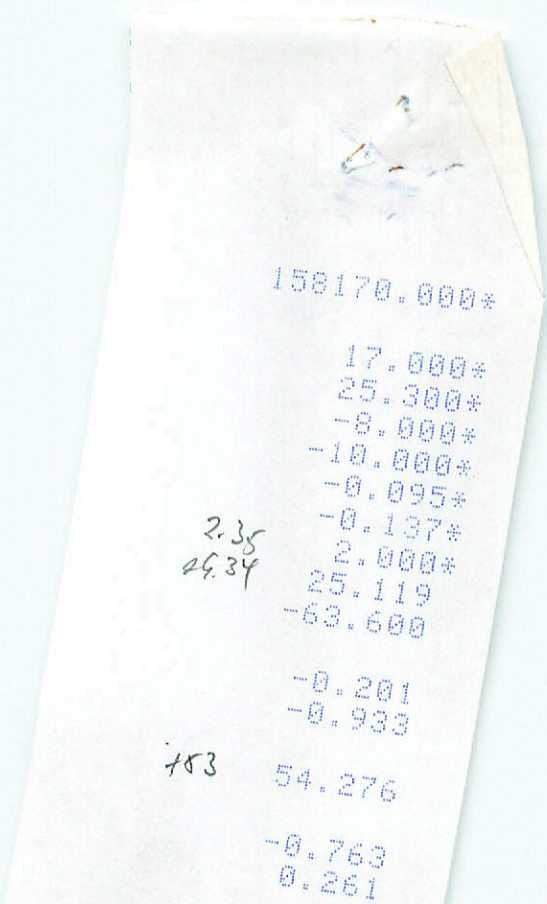
19.392 −094 58.38

1 4 1 47 −3.43

406 1 91

−16 56.91 1 4

390 56.7


158170.000*
17.000*
25.300*
-8.000*
-10.000*
-0.095*
-0.137*
2.000*
25.119
-63.600
-0.201
-0.933
54.276
-0.763
0.261

ADS 11520 A

−0009 ± 10.0 +030 ± 9.0

−0005 +034

172088 18 35.8 −03 14 6.5 dF8 −20.96

25481 248259 −442674

11090 46.225 18941 −3 14 20.75 1893.7

δm=0

~~RDC 99~~

~~26 17~~

24 (39)

05-0

.2755

27.639

17.702

45.341

−1

340

−27

313

14.831

31.490

46.321

−34

1277

540

295

+020

43.9

−1.69

22.44

−0002 +032 GC+

−0001 +034 5 −209

37.64 1934.9 −001 5

15.05

22.59

1.41

24.16

21.02

−1.63

3070

20.93

+23

−14 / 20.84

010 + 034

3.1

75 99

38.0

44.3

16

20.93

+1.51

1941.08

186

172088.000*

000*

4140 18 462 +23 27 F5
HR7074 NV
GC25772

6.2 .318 .159 .405 — 2 Bush
325

216 +18
344 414

+00185 -002

+0213

+0225 -002

1875
+23.9
+27
-2
4.25 1.9
-002

+0013 ±5.5 -0.33 ±5.7

10.929 960 +0016 -005

-070 +0011 126.67 95.6

859 1.80

+00125 -006 2847

+00150

10.948

57,53

28.41
-27
28.14

10.960 29.08 28.81
-4 -17
956 28.64


10.750
23.400
27.900
-2.080
1.950
24
-0.200
0.236
0.779
-0.582
20.335
0.694
0.395
0.470
0.789
41.950

-963 271 -604 797 +091 -276 -52.0 167 +31 -1042

088 161 025 045 204 881 -41.4 -11 +40 0643

-8 +54 +15

+53 -17 +5

Top my G1 Boy, 81

Practical Training

VB 1.9→ 330 184 355 2636 +39

3468 190 350 2619 +35

113 40 362 195 359 2626 +36

350 191 368 2627 +38

340 160 360 2631 +3.8

1032 257 316

4.14 344 159 385 2.630

7224 0.338 164 356 2.632

1014 270

1022 486 309

341 162 370 2631 #3.80

119 356 195 353 2617 +35

19 330 184 348 2636 +34

113 340 190 350 2614

61 324 174 388 2633

264 302 2631

+44

```
 19.850
-37.100
115.000
-276.000
  1.000
     16
-38.000

  0.301
 -0.110
 -0.947
275.010
 40.350

  0.352
  0.326
  0.003
```

-0022 * 6.5 -0995 * 7.3 Sp. B. P = 4.8 d
-0018 -112

HR 7267 19 06.4 +16 46 dF2 +9.8 f

6.5

178619
26374
11603 6.06 +0.77 ~~0.5~~

-032 -0556
-028 -1056

6.66 +0.48

40m (8)

25.862 19012 +16 46 18.61 1902.8
.107 -0020 -105
.969
25.925 1810 35.4
0
25.985 -023 -106
0
905
064

4.67
23.28
19.80 1933.4 311
+16 86.6
+9.90 33.8
19.16 1939.7
-14 1948
19.04 -3.80

8671 5152 3445 -9387

-958295 288557 -028 -105 +9.8 -030 +2.8 -4.7.4

-027 -029 -008 -008 -0.9.0 -17.5 +9.4 +2.7 -5.0 03

-0.3 -14.9 -13.0

+0.5 -13.4 -5.0 04

-15.9 -0.6 -2.4

+0.7 -12.9 -7.7 045

-14.9 0.3 -2.1

-14 +1 -2 0475

+0.9 -12.5 -6.7 05

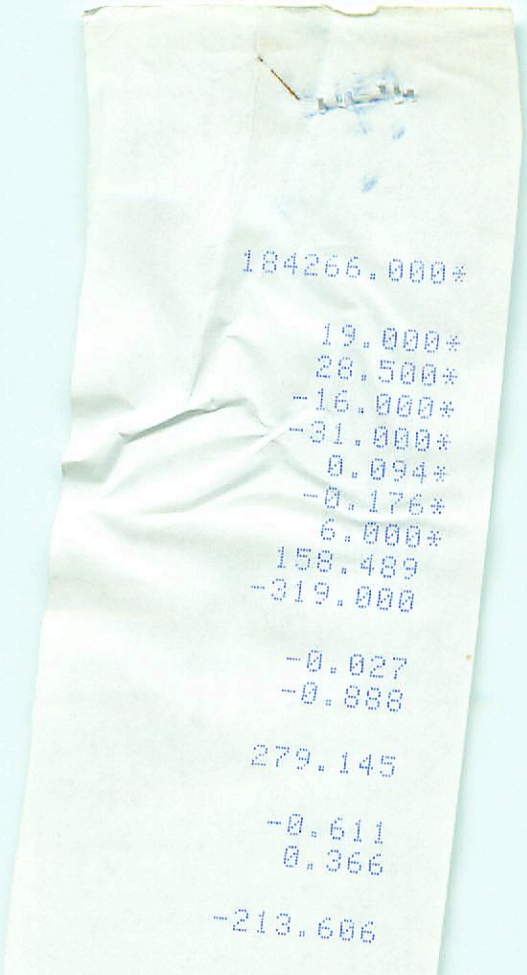
-14.0 +1.5 -1.8

184266 198 19 255 -14 31 7+8 60

-819

+154 -176

(6)


184266.000*
19.000*
28.500*
-16.000*
-31.000*
0.094*
-0.176*
6.000*
158.489
-319.000
-0.027
-0.888
279.145
-0.611
0.366
-213.606

6907 19 247 -25 50

170 LP
170

190009 20 00.8 −22 44 F8 E +7.6 4C

FD1256

6.44 +0.50 (1.C2)

+6C 4W
+7

35
1.9

0000

−0028 +023 2C →

−.034

−11
+8
+10

w(73.8)

198802 20 50.4 -11 46 dG1 -0.8 w(5)

GQ29125 6.40 +0.68 (+1.72) +0.605 555(3) nebula

W03104

-12°5855

HR7554

25V.

366 306 +00295 +043 GC+ -400 627 carbon -34

+00305 +044 +00332 +046 carbon -3.2 (315)

+044 8 +0.8

+6 +6 -1 .035 +046 +047 GC

+9 +8 -2 .025 +044 +042 1.7 +03919 +4041.0 Y

045 045

6.37 408 169 471 (3)

6.35 415 175 414

6.35 411 172 480

(495) 398

8Y 1.24 (341) (339) 6.37 408 169 471 48 42 2.14 -8.3

1.24

+0031 ± 2.4 +047 ± 2.7
+0028 +039

110

21.563 1900.8 −11 45 50.03 1900.7

−153
,410
,
54.545
22012
21.557
−30
527
−13
514

21.515
−15
500

507
+097

342

−2.32
52.35

29.65 1928.71
+3692
52.73
1 10
51.63
+32
51.31

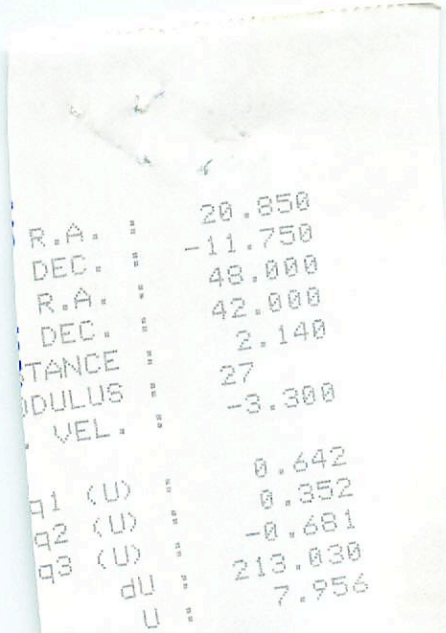
50.86 1940.28
+16
50.70

51.00
+1.35

68.99
35.0
343

R.A. :
DEC. :
R.A. :
DEC. :
TANCE :
OULUS :
VEL. :

(U) :
(U) :
(U) :
U :
U :


R.A. : 20.850
DEC. : -11.750
R.A. : 48.000
DEC. : 42.000
TANCE : 2.140
DULUS : 27
VEL. : -3.300
q1 (U) : 0.642
q2 (U) : 0.352
q3 (U) : -0.681
dU : 213.030
U : 7.956

158802 20 50.4 -11 45 dG1

HR7554

GC29125

4.38 418 207 395 2.588 (2)

1,20,13,1,9

-0.8

195560 20 57.9 −4 55 G1 E

HIT8041

GC2938

11 Aql

6.20 +63 +22 C

6.22 +63 +16 3 Eq

6.21 +63 +19 5 Eq

.406 .209 .357 ② SAC

2.620

③ Cyg

[m_1] 282

[c_1] 314

2.20 +7.7 −23.9 −3.4

−108 −44.1 −44.8

20,950
900

11 Agr 363 ~~404~~ 328.276 33 337.076 w(+4.0)

199560 20 57.9 -04 55 dGl -12.48w(3)

GC 29318 6.23 +0.63 +1.62 ε_{55}(3) Mc Lem

w 13187

HR 8041 (8041)

-5° 5433

+0034.50 −134.48 N30

+0032±1.6 −127±1.6 GC → N30

164 F 20

35A(20)

034

+045 −128 GC

+6 −26 −3 .035

+5 −28 −6 .03 00337 −1838 FDS

050.4 −137.3 W_{50}

50 1333 2112 164

8471 6771 1355

−5314 −7359 −0559

199360.000*

20.000*
57.900*
-4.000*
-55.000*
0.046*
-0.140*
2.300*
28.840
-17.400
-16.4
-0.143
-0.615

6.274

-0.522
0.600

-25.509

-0.441
-0.511

-3.628