31.3 -45 04

-45.3283 7 32.9 -45 10 G8 V-VI +317.4 B Sk

S = +0.16

405 875

10.47 +0.41 -0.02 GBS

-0.317 +0.448 CA

-0.301 +0.437 CR

.516 331

-0.305 +0.443 →

~~-0.250 +0.452~~ BPM

30C

$-45^{0}3283$ GOD 7 32.9 -45 10 G8 V-VI

$-45^{0}1588$ CPD

-1.18

.030 C

10.10
9.25
6.95

5

10.52±0.62-0.02 BS

10.40+0.24 ③

+317.4

"
-317 +448 C pg
-301 +437 π (c)

-309 444

(-250 +452 488M)

914

12

-45.328*

7.000*
32.900*
-45.000*
-10.000*
-0.309*
0.444*
5.000*
4.25
708
100.000
317.400

2.469
0.204

240 311.663

0.600
-0.957

-261 -243.663

12 -0.341
-0.207

-50 -99.908

HR2922) 33.4 -25 15 +13 d

4.63 -0.10 -077 -023

5.7 38"

60406 7 33.6 +61 39 7.2 F5 -40.76

5067

10187

+0016 15 +021 N30

+0016 ±13.0 +028 ±12.2 66 → N30

-0075 ± 3.3 +008 ± 3.2

-0111 +024

60803 7 33.9 +05 58 5.9 F8 +3.60

5073

10194 55.018 1912.4 +5 58 26.12 1907.0

357 -34

.375 25.78

0075 +023 Aulsby

55.117 +0150 26.24 19323

25 15

142 -113 26.39

-112 +033

39

61

0.9

395

355

35

233

-132 +30 4G23

-135 +17 G6 → F94

-1235 +24 240 -9988

-132 + 26 +3.6 9555 0482

1.0

B 1350

997

60803.000*

7.000*
33.900*
5.000*
58.000*
-0.132*

+2°1715 > 33.9 +02 11 8.7 N +44 C 2N

HD60826

4342 4393 +402

60803 7 33.9 +5 58 F8

HR2918
G-10194

375 182
5.50 ~~+60 +09~~ +17.8 (1)
362 177 3513
380 172 351 (3)
376 187 385 (3) SPL 2.600 (3) CT
377 150 $88 (389)

[m] 257 +13
[c] 319 ~~+11~~ 54
221

Poor

-00900 +0150 ±3.0 BCT

-112 +016 +3.6 %

23

+3.7 →

11 35
5.88 375 162 489 2.600
(274) 414

040

N-I 0.2108

14

2913.000+

7.000*
33.900*
5.000*
53.000*
-2.112*
4.016*
2.300*
2.2 23.040
21.5 35.000

3.248
3.820

36.657

0.206
-0.529

M -13.100

-3.429
3.220

-4.461

2934 61248 7 3414 4.43 648 650 452 3 516 430 1.51

6L60 74 25.488 68 -52 +0017±40 25 -026±38

E(e-2) = 035 -23 415 +0022 1.94 23 17.94 1.24 16.70 +0021-028

(R-I)₀ = 453 25.552 6450 17.82 -020

45-48 1.32-1.46 42-48₀ 446 257 560 +0021-0285 -15 97 017

25 465 -24 459 38.81 +0024-0206 0225 1212 +5 1212 -027

L = 021 L_m 270 M_V -0.46 027-019 44 -19 6 62

25.532 -78 514 55.67 1.33 1.202 2.54 18.14 -1 8.15

15

OC 7 34 40 -44 50 40

61245

-44°.170

+0031 -016 Stop

+0033 -0155

+0350

$\boxed{+039 -014}$

76

-44.85

55

-14

6.0

+1.6

M : 50.342
QM : 138.248
Q3 (M) : -0.182

R.A.	:	7.600
DEC.	:	-44.850
PM. R.A.	:	55.000
PM. DEC.	:	-14.000
DISTANCE	:	6.000
MODULUS	:	158
RAD. VEL.	:	1.600

q1 (U)	:	-0.416
q2 (U)	:	0.886
q3 (U)	:	0.205
dU	:	-135.709
U	:	-21.181

q1 (V)	:	-0.267
q2 (V)	:	0.096
q3 (V)	:	-0.959
dV	:	-55.738
V	:	-10.368

16

q1 (W)	:	0.869
q2 (W)	:	0.454
q3 (W)	:	-0.196
dW	:	130.540
W	:	20.375

HD2924 7 353 +35 10 5.49 GG5

+039 +025 GC
−/ 0
+038

−35.56

17

-0022±4.0 +012±3p
-0024 +014

HR2937 7 35.5 -34 51

4.53 -0.08 B8

61330 31.035 1905.0 -34 51 18.02 1905.8 -027 +...
5088 99 -53 -033 +018
10246 .134 18.55 -029 +015

31.062 43.2 18.13 1939.08 9648
-1 21 48.2
061 17.92 42.4
032 17.96
-.102 +.59

30.988 17.97 1957.40
+16 -2
31.004 17.94

914 -405 -572 820 -029 +015 +24.0 -009 -14 057

027 008 012 004 109 055 +19.7 -8 +18 014

0 +25 -10

+17 -19 -9

HR2944 7 36.2 -25 15 +41 d

4.70 -0.10 -008 -010GL

5.2:54 0.1

HR
2936

7 34.7 +32 08 +25

-016 -050

5092 -6030 ~~-7476~~

8606 -7978

79.4 pc.

-421	003	227 907	+0319	-0007	+0312	+2.5	+227	+25.2
-263	956	-126	+0199	-2266	-2067	-16.4	-3.2	-19.6
868	291	402	-0658	-0690	-1348	-10.7	+10.0	-0.7

23 hyr

61106 7 36.7 +57 12 6.2 gN5 -13 4b

5100

10279

24

-0014 -008 N30

-0018 ± 2.2 -014 ± 1.7 bl → N30

ADS 6251 7 36.7 +5 21 -3.2a

dC mi .3041

-0044 ± 3.6 -136 ± 2.5
-0065 -129

61363 7 37.5 +48 15 5.8 gB6 +39.8 8

10305

5110 31.206 1896.8 +48 15 0.85 1896.8

5388
0056

234
.1440

55
57.2 57.46

7.24 7605 - 4385 5388
8.09 7137 - 5388 0056

-0531 -128.5

40.108
51.108
31.288
-52
.196
.18
.214

FRS

235
-205

28.4 1926.6
23.15
5.72
-1.83
3.89
3.20
4.09

4.04
-4.05

56
28.3

31.5

31.5

31.23
27
.257

4.0 1930.0
0
4.00

$\overline{\infty}$

R.A.	:	7.600
DEC.	:	48.250
. R.A.	:	0.000
. DEC.	:	0.000
STANCE	:	0.000
ODULUS	:	10
. VEL.	:	0.000
q1 (U)	:	-0.416
q2 (U)	:	-0.253
q3 (U)	:	0.874
dU	:	0.000
U	:	0.000
q1 (V)	:	-0.267
q2 (V)	:	0.952
q3 (V)	:	0.148
dV	:	0.000
V	:	0.000
q1 (W)	:	0.869
q2 (W)	:	0.172
q3 (W)	:	0.464
dW	:	0.000
W	:	0.000

18

-13.7

62036 7 38.4 -45 51 7.35 +1.71 M3II-III

ζ Mon 7 38.9 -09 26 +10.5a

HR2970

61935

5123

10345

3.90 +1.06 K0III

67

-0052 -019N30

-0052±1.7 -023±1.5 GC →N30

-075 -022 GC

-076 -019N

-075 -024N

-075 -022

-1202170

NZ Pup	7 39.4	-13 17					0.745	
	10.0 / 2.7 / 7.3	9.3	+0.37 / -12 / +0.25				+027 / -2 / +024 / -1	+053 / +1 / +054 / -1 Y
NBL 2422	7 34.5	-14 25					+0.09	8.4
~~HR 2812~~	~~7 20.0~~	~~-18 55~~	~~4.96~~	~~-004~~	~~-0.40~~	~~cmp B7~~	~~+0.11~~	~~5.1~~
HR 3019	7 44.4	-12 33	6.38	-002	-0.08	B9	+0.04	5.3
HR 2932	7 35.3	-14 20	6.52	-002	-0.30	B9	+0.11	6.3

8m

+57
+24
+92
=

61859 7 39.5 +24 07 F0

HR2962

GL1035-4

SB 25p 5.55 75.0 67

.010 1153 .486 ② SPC 2.667 ④ L+

319

[m,] 209 +22

[c,] 424 8.6

10.8

+2.7

4.00

+15 -32

-076 -009 GL

-078 -007

-079 -005

3

-11.16

19

S Glen 7 40.0

8.0 -7 -14

-6 -8

-7 -11

10.0

+0196	-0072	+0124	+12.4 +99.0 -36.6 29.7 -57.4 340.2	-430	+139	+892
+0117	-0483	+0366		-256	+928	-248
-0395	-0179	-0574		+866	+344	+363

Sr Cr 2 Sch

63745) 46.7 -52 26 AOK +21.8

10.82 +0.07 -0.04 3 BS

(1m

+017 +068 BPM

7.800
-52.450
28.000
68.000
10.000
1000
21.800

-0.456
0.887
0.072
249.056
250.626

-0.235
-0.042
-0.971
-32.409
-53.581

0.859
0.460
-0.227
217.600

62351 > 40.7 -16 57 +318

A05631M

6.54 +81 +41 G5+1

Orbit R 604

R 5027

-0004 +031 Cowling

-006 +031

-6

31

5.75

+318

21

W : -8.792

7.650
R.A. : -16.950
DEC. : -6.000
: 21.000

AZCMi HR 2454 -0033±6.7 -023±6.9

-0009 -016

62437 7 41.5 +2 32 6.3 F0 +14.76

5153 -0021 -020

10410 31.275 1898.9 +2 31 33.73 1898.8

-038 -12 Y

+2

-2 0

169

.444

-030 -020

1.18

34.91

5.35

141

-7

12 20 1006 2814

31.391

23

.414

0088

34.0300

232

280

34.13 1432.9

24

34.37

016

-032 -018

+34

-20

-304

105pm

34).54

34

300

-430	450	783	+0611	-0427	+01.84	+1.9	+11.5	+13.4
-256	770	-584	+0364	-0730	-0366	-3.8	-8.6	-12.4
866	451	215	-1231	-0428	-1656	-17.4	+3.2	-15.2

6.48 -123182/631 2.821

-035 -012 Y

+2 0

-2 0

-035 -012 Y →

-035 -006 AGR3

-033 -004 ←

-0019 ±36 -021 ±3.0

62230 7 41.0 +24 22 6.8 A5 +27.9 6

5144

10389 57.135 1904.7 +24 21 57.69 1901.1

+105 1.03

.240 52.72

-0013 -011 N30

5

22

2.700
2.500
-33.000
-4.000
5.350
117
14.700

-0.436
0.450
0.779
37.633
18.462

-0.251
0.771
-0.586
24.586
-5.719

0.864
0.451
0.223
-148.336
-13.588

WS 145 7 41.1 +25 54 +2.7

L 2285 HD

HR 2983

-018 -019 GC
" -00013

474
19
6
426
474
6
0
0900

474
18
2
3792
474
2
0853

10.8 -20.1

5.56

-430 100 858	+0368 -0040	+0278	+5.0 +2.4
-256 939 -228	+0270 -0760	-0.540	-9.8 -0.6
866 328 378	-0740 -0267	-1007	-18.1 +1.0

-0022 ± 3.6 +006 ± 3.1
-0028 +006

62578 7 41.4 -35 56 5.6 B8m -0.86

5147

10401 22.127 1608.8 -35 55 4868 1905.2

061 -27

.218 48.95

22.144 38.0 49.06 1938.97

-1 +22

143 48.84

93.69

145 46.8

.111 48.72 41.6

-.107 +.23

48.58 1954.72

22.063 3

+16 48.61

079

-0062±7.8 +174±6.7
-0078 +149

62850 7 41.7 -59 11 62IV +15.5±0.7 c,(4)

10414

7.18 +63

N30

-55±7.8 +175±6.7 GC
-71±5 +150±5 Aaen
-68±4 +154±4 YCP

44.070 1902.8 -59 10 45.23 1898.7

293
.363

-8.93
54.16

17.842
26.322
44.164
-28
.136
.137
-129

35.0

182
.091
-272

44.05
+7
44053

14.91 1929.618

-34.35
49.26
49.42
-8
49.4
49.44
49.64

663
48.32
+5.84

+16.5
-44
46.9 1946.2

75.68
37.8
39.1

23

132.467

7.700
-9.200
-105.000
160.000
2.000
25
15.500

-0.436
0.599
0.672
668.322
27.201

-0.251
0.636
-0.730
605.670
3.904

0.864
0.487
0.127
-55.372
0.582

27

S Gem 7 40

8.0 -7 -14 1

-6 -8 7(m)

-7 -11

10.0:

+0196 -0072	+0124	+12.4 +99.0 -36.6 +29.7 -57.4 +40.2	-430	+139	+892	
+0117 -0483	+0366		-256	+928	-248	
-0395 -0179	-0574		+866	+344	+363	