



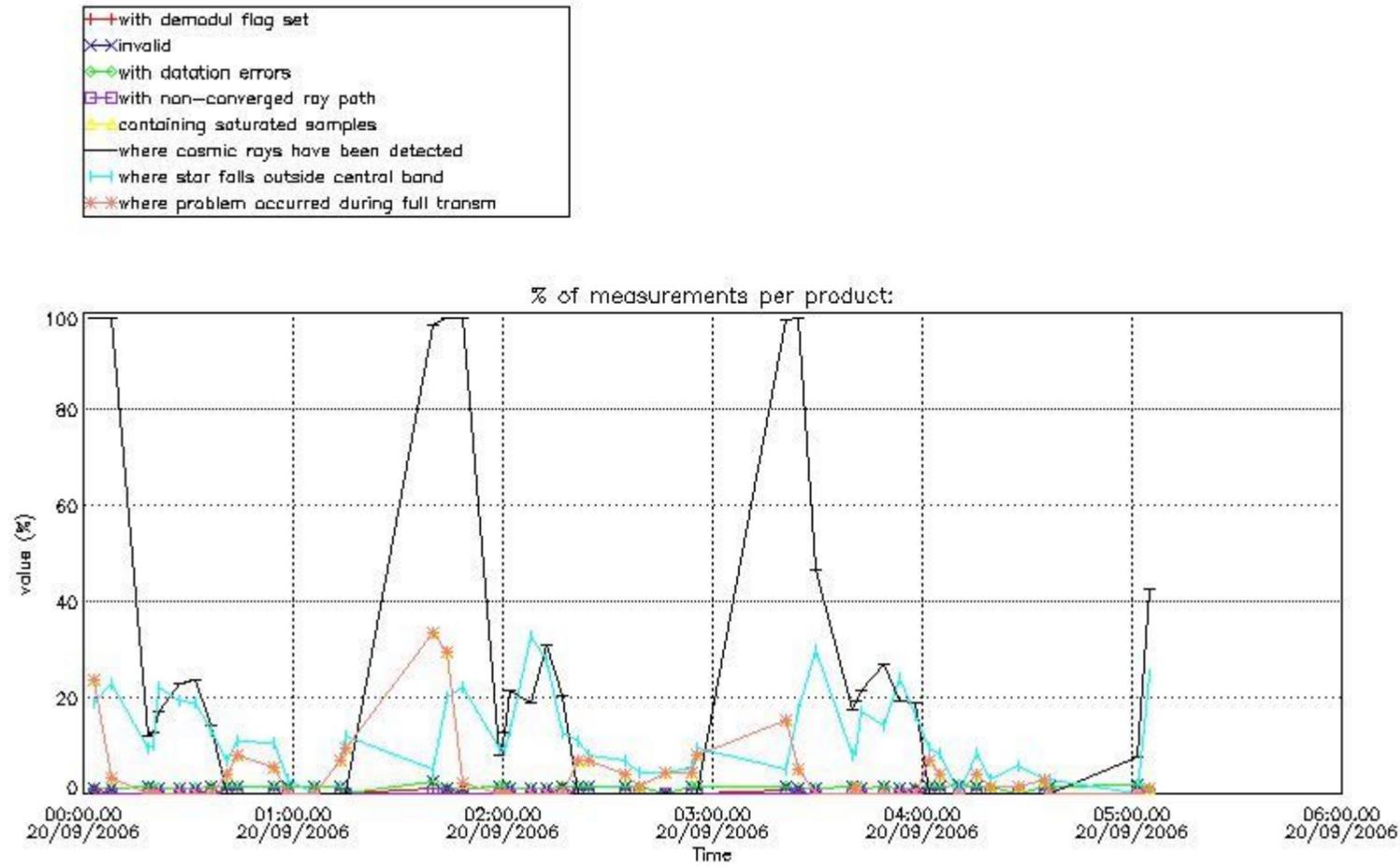






At least one measurement with demodulation flag set:	24.0000 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

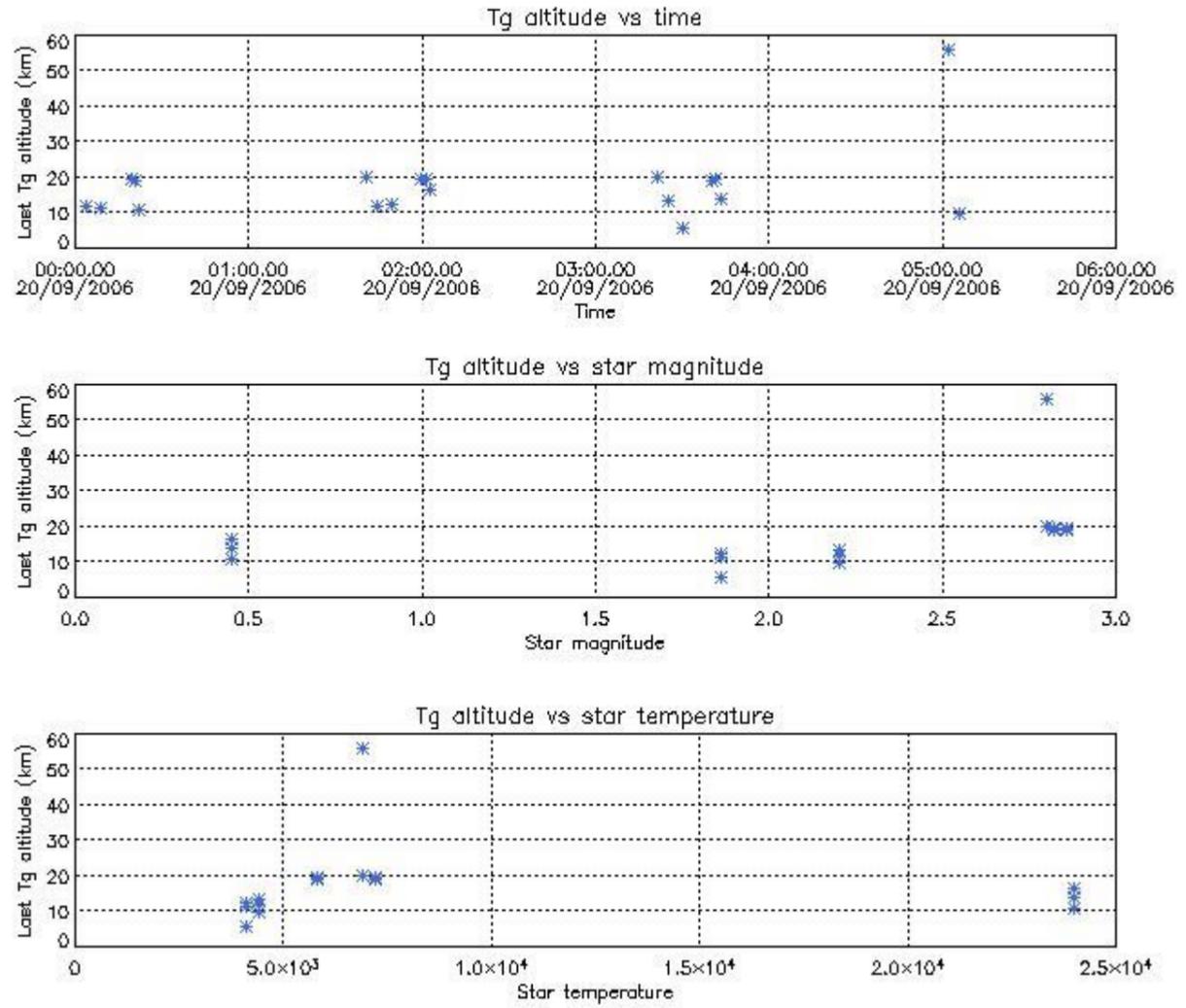
5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)

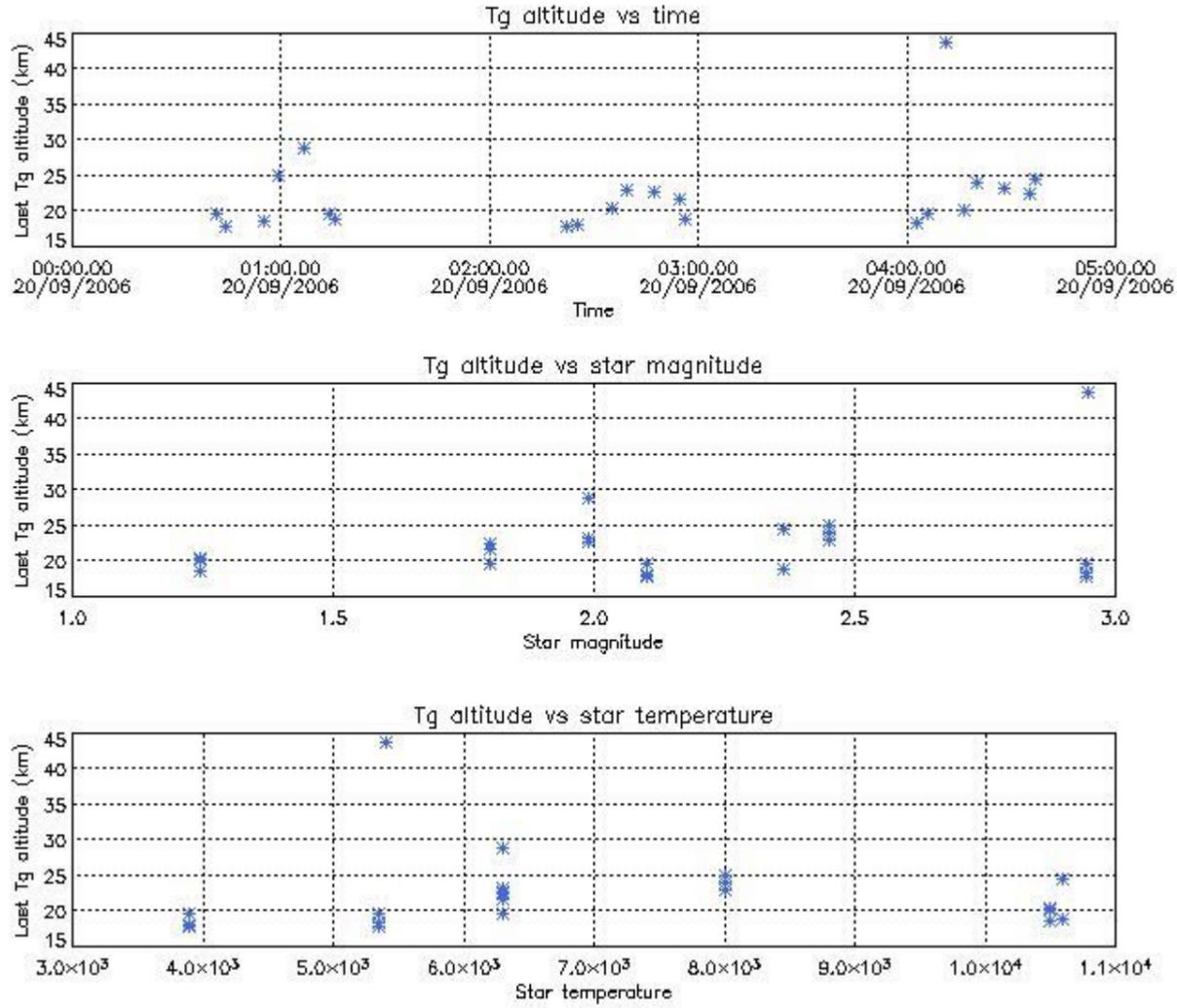


### Tangent altitude at which the star is lost



### 6.3 Plot for BRIGHT limb products

## Tangent altitude at which the star is lost

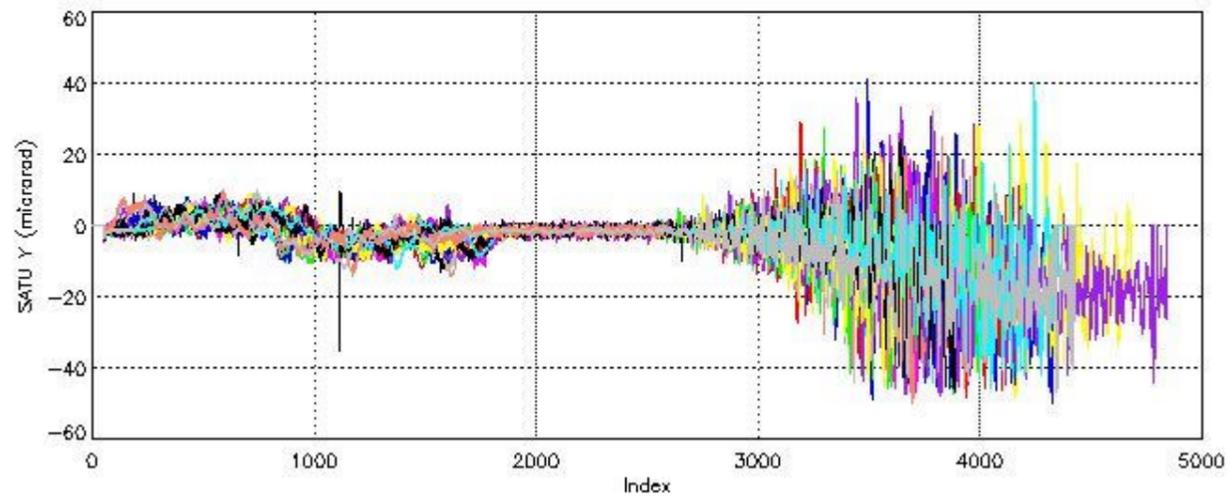
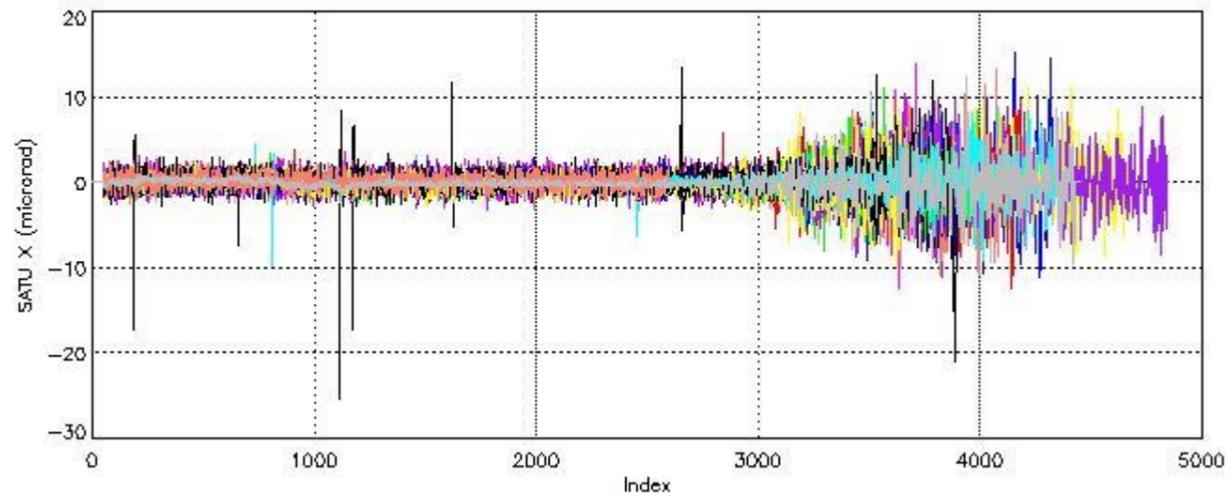


## 7. Star Acquisition and Tracking Unit (SATU)

The Star Acquisition and Tracking Unit (SATU) analyses the position of the tracked star beam collected by the GOMOS telescope and deflected by the optical beam dispatcher. The main function of the SATU is to detect a star, provide its image position to the science data electronics and to help the pointing function to keep the star image at a fixed position. In tracking mode the SATU data is recorded with a frequency of 100 Hz.

### 7.1 SATU 'X' and 'Y' axis plots (dark limb)

SATU CCD 'X' and 'Y' axis plots are provided in order to detect any abnormal behaviour of the tracking system. For every occultation (color) the plot should remain stable (with some noise) until we are deep in the atmosphere where big fluctuations are registered due to the refractive effects.



## 7.2 Statistics on SATU Noise Equivalent Angle (NEA) for DARK (D) and BRIGHT (B) products above 105 kms

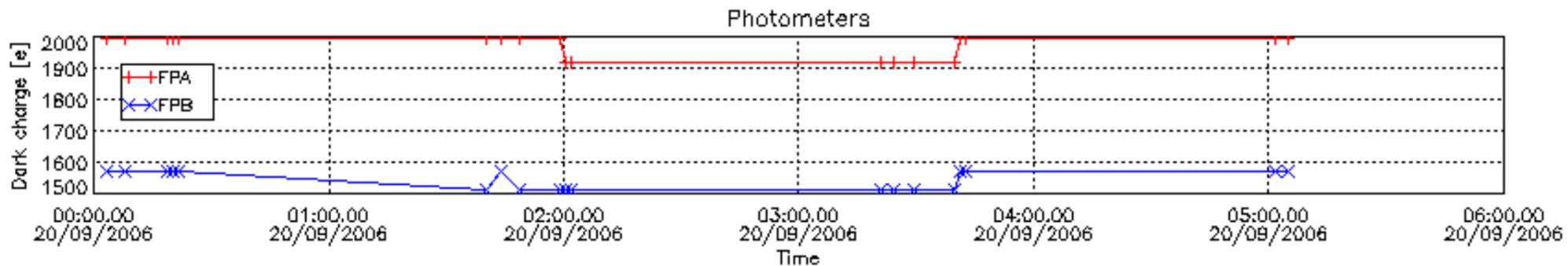
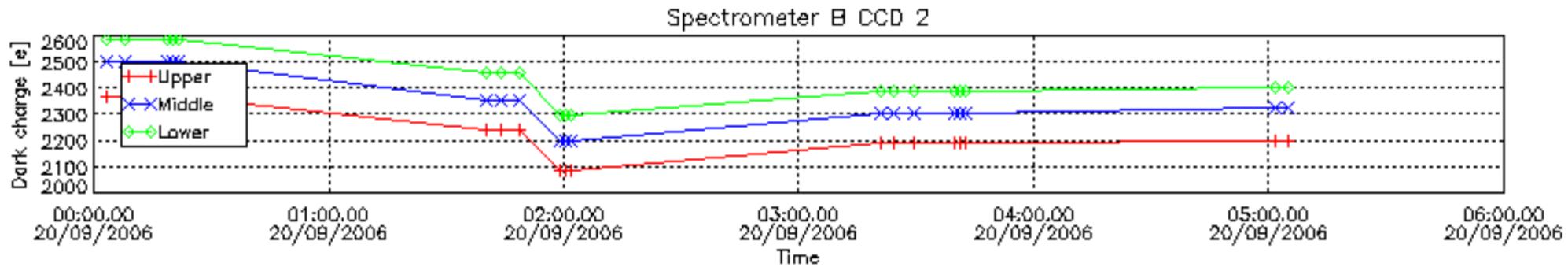
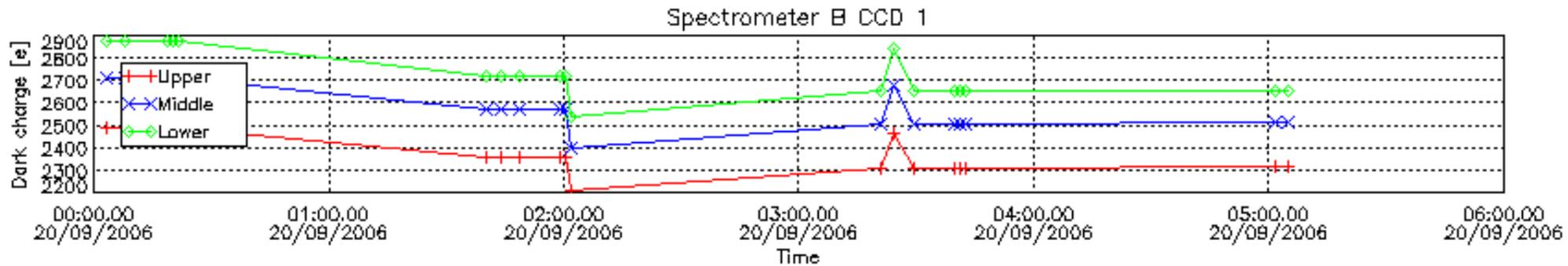
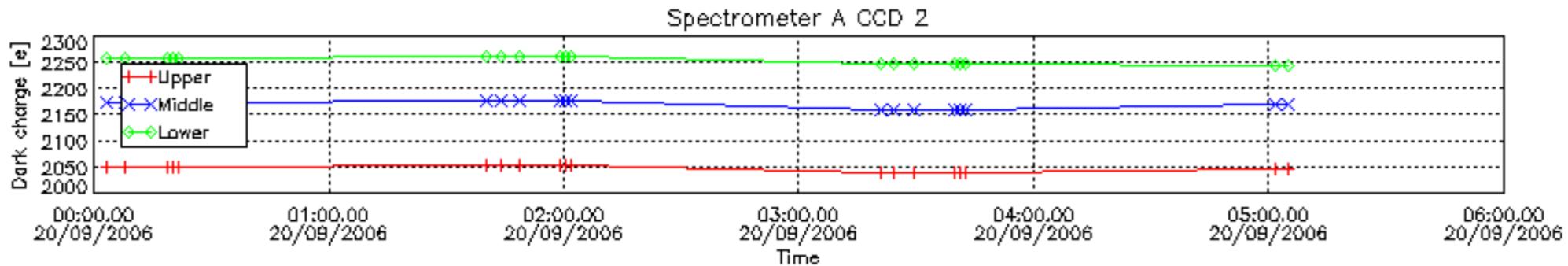
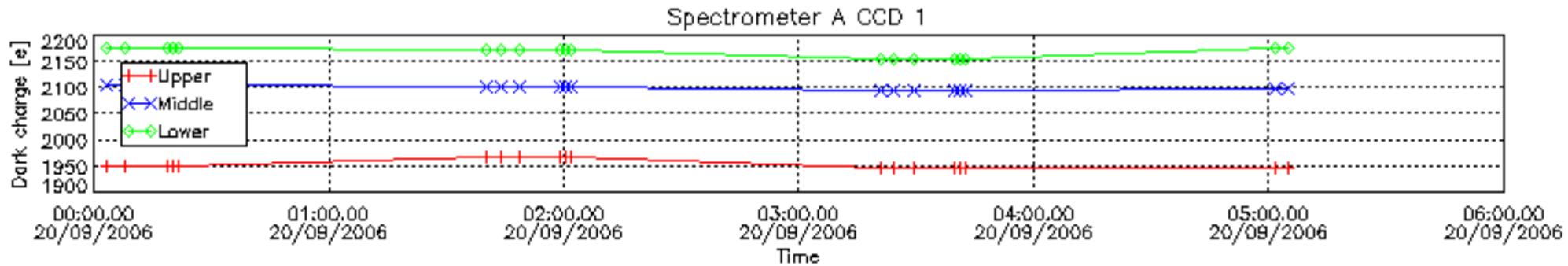
The Star Acquisition and Tracking Unit (it is the CCD that tracks the star while it is occulted) Noise Equivalent Angle consists of the statistical angular variation of the SATU data above the atmosphere. Statistics (in microradians) above 105 km are computed for every occultation, giving four values per occultation: one in the 'X' direction and one in the 'Y' direction for dark and bright limbs. A mean value per day in every direction and limb is calculated and monitored in order to assess instrument performance in terms of star pointing.

### 7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.16546	1.0175	0.051875	0.47304
St. deviation:	0.54729	2.6007	0.66326	3.2032
Maximum:	5.6000	10.100	3.9000	11.700
Minimum:	-0.80000	-3.6000	-4.1000	-14.400



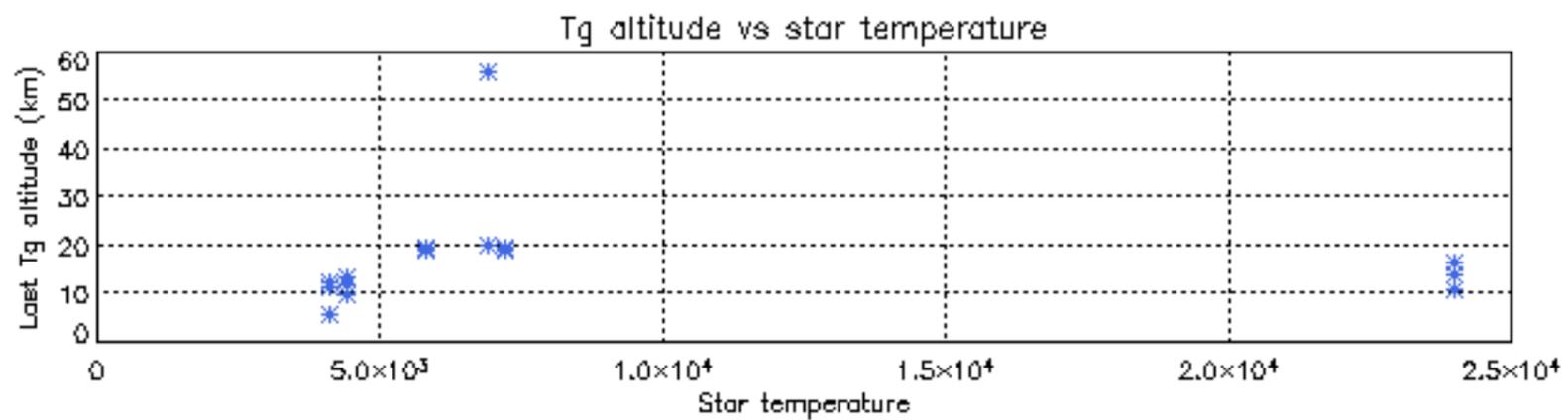
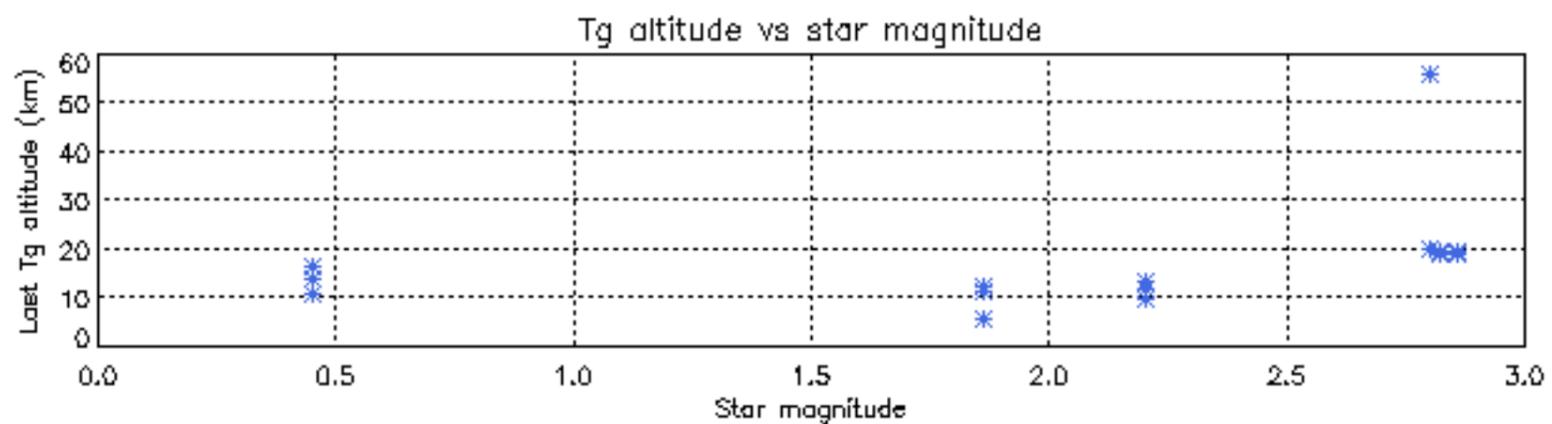
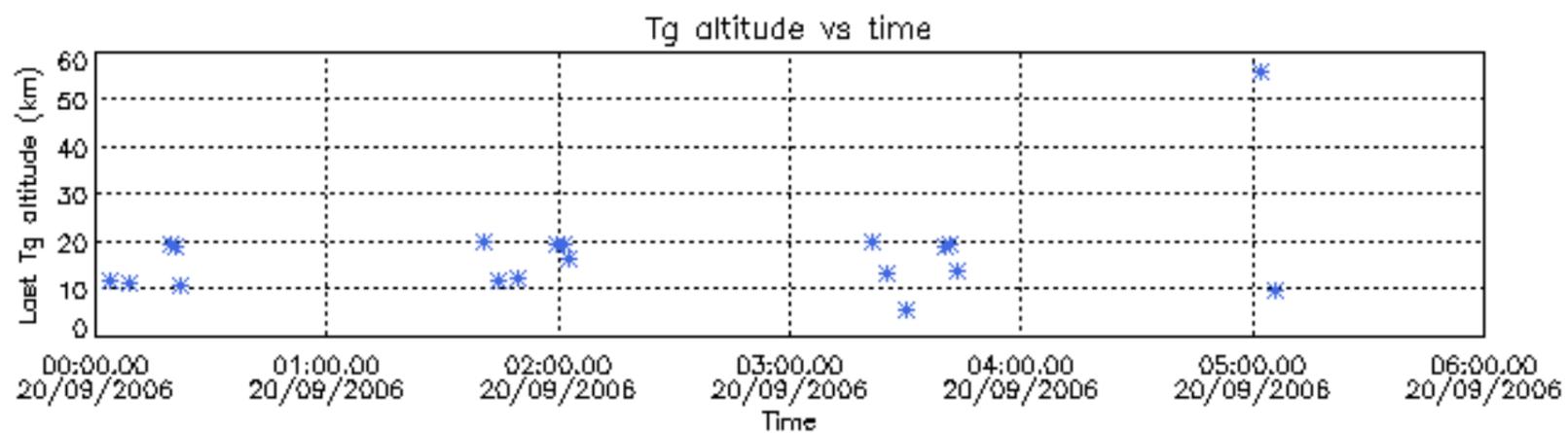




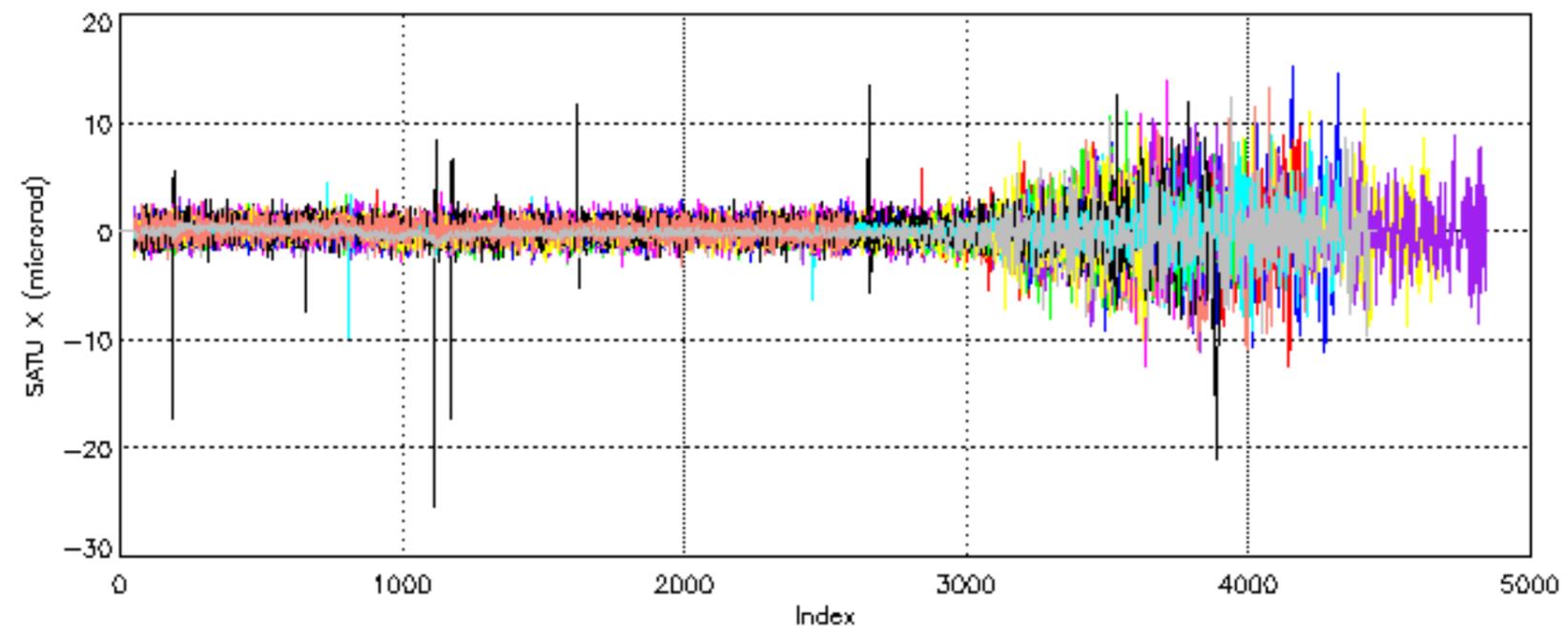


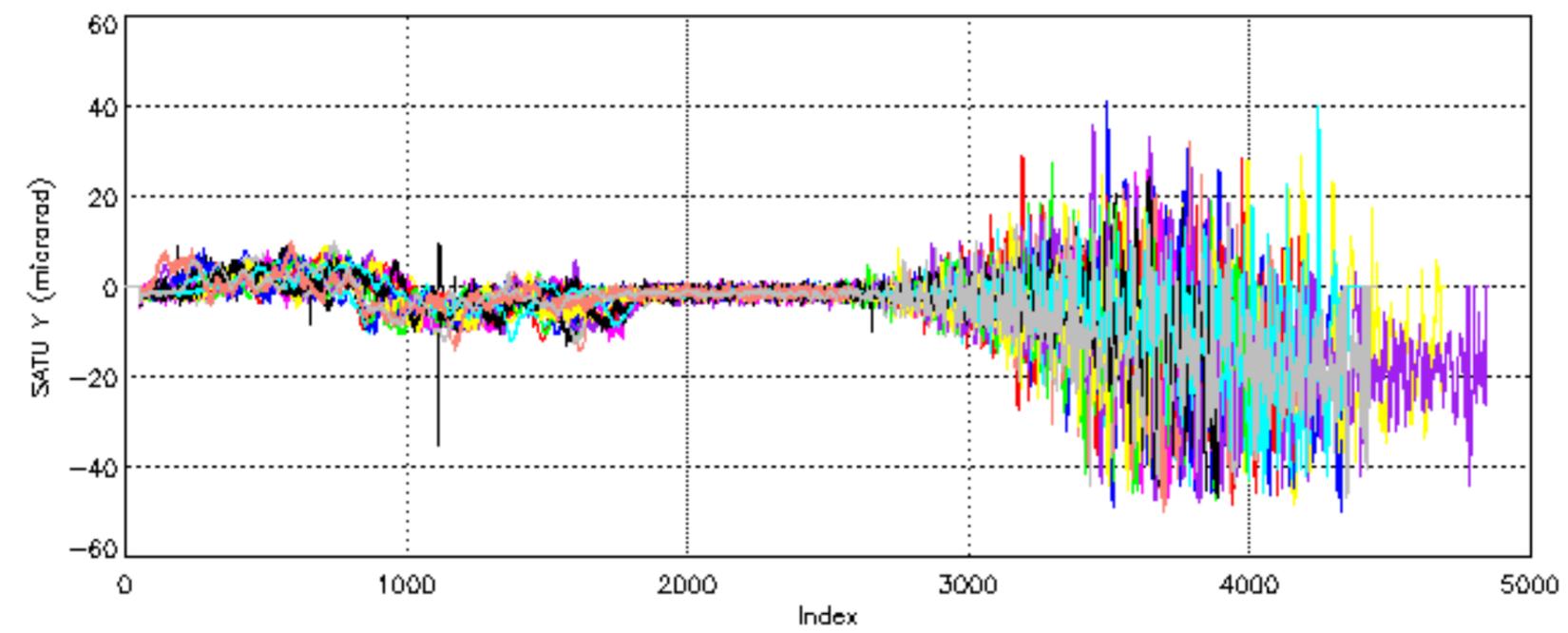


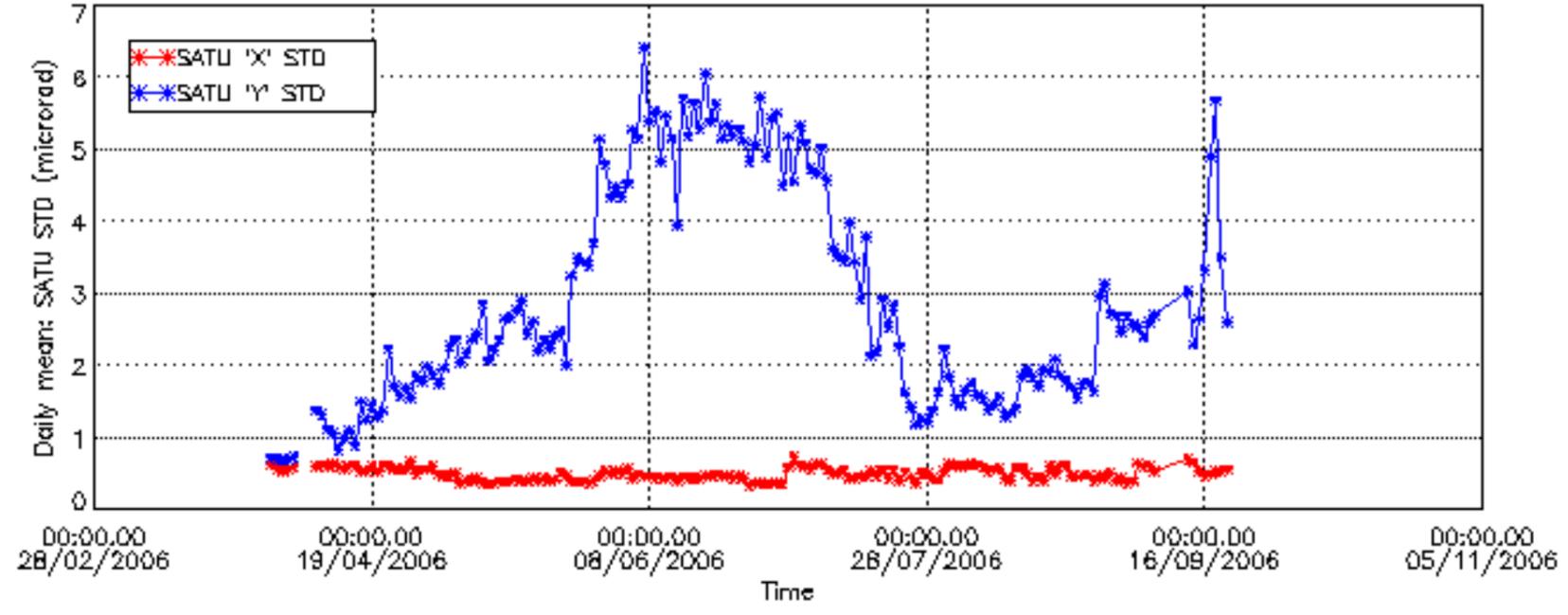
Tangent altitude at which the star is lost





































































































































































```

8; 1408.0; 25-SEP-2006 21:22:43; Dark ; 43.0; 18; 24Alp PsA ; 1.17; 9700;occ; 86; 0;23902
9; 1927.5; 25-SEP-2006 21:31:22; Bright; 38.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 76; 0;23902
10; 2167.2; 25-SEP-2006 21:35:22; Bright; 36.5; 90; 54Alp Peg ; 2.49; 11000;occ; 73; 0;23902
11; 2389.7; 25-SEP-2006 21:39:05; Bright; 38.0; 93; 53Bet Peg ; 2.52; 3100;occ; 76; 0;23902
12; 2987.0; 25-SEP-2006 21:49:02; Bright; 35.5; 89; 5Alp Cep ; 2.45; 8000;occ; 71; 0;23902
13; 3430.1; 25-SEP-2006 21:56:25; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;23902
14; 3530.4; 25-SEP-2006 21:58:05; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;23902
15; 3895.9; 25-SEP-2006 22:04:11; Bright; 37.5; 36; 50Alp UMa ; 1.80; 6300;occ; 75; 0;23902
16; 3984.9; 25-SEP-2006 22:05:40; Bright; 34.5; 82; 48Bet UMa ; 2.37; 10600;occ; 69; 0;23902
17; 4174.9; 25-SEP-2006 22:08:50; Bright; 33.5; 174; 52Psi UMa ; 3.00; 4400;occ; 67; 0;23902
18; 4573.8; 25-SEP-2006 22:15:29; Bright; 35.5; 166; 17Eps Leo ; 2.98; 6000;occ; 71; 0;23902
19; 5134.9; 25-SEP-2006 22:24:50; Dark ; 42.0; 48; 30Alp Hya ; 1.98; 4100;occ; 84; 0;23902
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20060925_223431_000054952051_00301_23902_0771.N1
1; -319.4; 25-SEP-2006 22:34:31; Dark ; 42.0; 65; Lam Vel ; 2.20; 4400;occ; 84; 0;23902
2; -231.2; 25-SEP-2006 22:36:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23902
3; -121.0; 25-SEP-2006 22:37:50; Dark ; 37.5; 46; Del Vel ; 1.95; 10600;occ; 75; 0;23902
4; -26.2; 25-SEP-2006 22:39:25; Dark ; 47.5; 41; Eps Car ; 1.86; 4100;occ; 95; 0;23902
5; 702.0; 25-SEP-2006 22:51:33; Dark ; 37.5; 143; Alp Hyi ; 2.86; 7200;occ; 75; 0;23903
6; 789.6; 25-SEP-2006 22:53:00; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;23903
7; 1132.3; 25-SEP-2006 22:58:43; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 0;23903
8; 1408.1; 25-SEP-2006 23:03:19; Dark ; 41.0; 18; 24Alp PsA ; 1.17; 9700;occ; 82; 0;23903
9; 1927.7; 25-SEP-2006 23:11:59; Bright; 37.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 74; 0;23903
10; 2167.2; 25-SEP-2006 23:15:58; Bright; 36.5; 90; 54Alp Peg ; 2.49; 11000;occ; 73; 0;23903
11; 2389.5; 25-SEP-2006 23:19:40; Bright; 39.5; 93; 53Bet Peg ; 2.52; 3100;occ; 79; 0;23903
12; 2987.2; 25-SEP-2006 23:29:38; Bright; 35.0; 89; 5Alp Cep ; 2.45; 8000;occ; 70; 0;23903
13; 3430.0; 25-SEP-2006 23:37:01; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300;occ; 68; 0;23903
14; 3530.8; 25-SEP-2006 23:38:42; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;23903
15; 3896.1; 25-SEP-2006 23:44:47; Bright; 37.0; 36; 50Alp UMa ; 1.80; 6300;occ; 74; 0;23903
16; 3985.0; 25-SEP-2006 23:46:16; Bright; 36.0; 82; 48Bet UMa ; 2.37; 10600;occ; 72; 0;23903
17; 4175.1; 25-SEP-2006 23:49:26; Bright; 34.0; 174; 52Psi UMa ; 3.00; 4400;occ; 68; 0;23903
18; 4573.7; 25-SEP-2006 23:56:05; Bright; 46.5; 166; 17Eps Leo ; 2.98; 6000;occ; 93; 0;23903
19; 5135.3; 26-SEP-2006 00:05:26; Dark ; 41.5; 48; 30Alp Hya ; 1.98; 4100;occ; 83; 0;23903
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20060925_065846_000035882051_00292_23893_0797.N1
1; -2141.3; 25-SEP-2006 06:58:46; Bright; 37.0; 36; 50Alp UMa ; 1.80; 6300;occ; 74; 0;23893
2; -2052.5; 25-SEP-2006 07:00:15; Bright; 35.0; 82; 48Bet UMa ; 2.37; 10600;occ; 70; 0;23893
3; -1862.9; 25-SEP-2006 07:03:24; Bright; 33.5; 174; 52Psi UMa ; 3.00; 4400;occ; 67; 0;23893
4; -1463.9; 25-SEP-2006 07:10:03; Bright; 33.5; 166; 17Eps Leo ; 2.98; 6000;occ; 67; 0;23893
5; -903.7; 25-SEP-2006 07:19:24; Dark ; 40.0; 48; 30Alp Hya ; 1.98; 4100;occ; 80; 0;23893
6; -322.0; 25-SEP-2006 07:29:05; Dark ; 45.5; 65; Lam Vel ; 2.20; 4400;occ; 91; 0;23893
7; -234.2; 25-SEP-2006 07:30:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23893
8; -123.5; 25-SEP-2006 07:32:24; Dark ; 42.5; 46; Del Vel ; 1.95; 10600;occ; 85; 0;23893
9; -29.0; 25-SEP-2006 07:33:58; Dark ; 40.0; 41; Eps Car ; 1.86; 4100;occ; 80; 0;23893
10; 698.4; 25-SEP-2006 07:46:06; Dark ; 38.5; 143; Alp Hyi ; 2.86; 7200;occ; 77; 0;23894
11; 785.7; 25-SEP-2006 07:47:33; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;23894
12; 1130.9; 25-SEP-2006 07:53:18; Dark ; 43.0; 63; Bet Gru ; 2.15; 2800;occ; 86; 0;23894
13; 1406.7; 25-SEP-2006 07:57:54; Dark ; 41.5; 18; 24Alp PsA ; 1.17; 9700;occ; 83; 0;23894
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20060925_080634_000055582051_00293_23894_0798.N1
1; -4109.7; 25-SEP-2006 08:06:34; Bright; 36.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 72; 0;23894
2; -3868.5; 25-SEP-2006 08:10:35; Bright; 36.0; 90; 54Alp Peg ; 2.49; 11000;occ; 72; 0;23894
3; -3645.6; 25-SEP-2006 08:14:18; Bright; 34.0; 93; 53Bet Peg ; 2.52; 3100;occ; 68; 0;23894
4; -3050.1; 25-SEP-2006 08:24:13; Bright; 35.5; 89; 5Alp Cep ; 2.45; 8000;occ; 71; 0;23894
5; -2605.8; 25-SEP-2006 08:31:37; Bright; 36.5; 49; 1Alp UMi ; 1.99; 6300;occ; 73; 0;23894
6; -2507.8; 25-SEP-2006 08:33:16; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;23894
7; -2141.1; 25-SEP-2006 08:39:22; Bright; 36.5; 36; 50Alp UMa ; 1.80; 6300;occ; 73; 0;23894
8; -2052.1; 25-SEP-2006 08:40:51; Bright; 34.5; 82; 48Bet UMa ; 2.37; 10600;occ; 69; 0;23894
9; -1862.5; 25-SEP-2006 08:44:01; Bright; 34.0; 174; 52Psi UMa ; 3.00; 4400;occ; 68; 0;23894
10; -1464.0; 25-SEP-2006 08:50:39; Bright; 32.5; 166; 17Eps Leo ; 2.98; 6000;occ; 65; 0;23894
11; -903.3; 25-SEP-2006 09:00:00; Dark ; 43.0; 48; 30Alp Hya ; 1.98; 4100;occ; 86; 0;23894
12; -321.7; 25-SEP-2006 09:09:42; Dark ; 49.5; 65; Lam Vel ; 2.20; 4400;occ; 99; 0;23894
13; -233.9; 25-SEP-2006 09:11:09; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23894
14; -123.2; 25-SEP-2006 09:13:00; Dark ; 38.0; 46; Del Vel ; 1.95; 10600;occ; 76; 0;23894
15; -28.6; 25-SEP-2006 09:14:35; Dark ; 44.0; 41; Eps Car ; 1.86; 4100;occ; 88; 0;23894
16; 698.7; 25-SEP-2006 09:26:42; Dark ; 38.0; 143; Alp Hyi ; 2.86; 7200;occ; 76; 0;23895
17; 786.2; 25-SEP-2006 09:28:10; Dark ; 49.5; 9; Alp Eri ; 0.45; 24000;occ; 99; 0;23895
18; 1131.1; 25-SEP-2006 09:33:54; Dark ; 39.0; 63; Bet Gru ; 2.15; 2800;occ; 78; 0;23895
19; 1406.9; 25-SEP-2006 09:38:30; Dark ; 42.5; 18; 24Alp PsA ; 1.17; 9700;occ; 85; 0;23895
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20060925_094710_000055582051_00294_23895_0799.N1
1; -4109.5; 25-SEP-2006 09:47:10; Bright; 36.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 72; 0;23895

```

```

2;-3868.4; 25-SEP-2006 09:51:11; Bright; 36.0; 90; 54Alp Peg ; 2.49; 11000;occ; 72; 0;23895
3;-3645.7; 25-SEP-2006 09:54:53; Bright; 34.0; 93; 53Bet Peg ; 2.52; 3100;occ; 68; 0;23895
4;-3049.9; 25-SEP-2006 10:04:49; Bright; 35.5; 89; 5Alp Cep ; 2.45; 8000;occ; 71; 0;23895
5;-2605.8; 25-SEP-2006 10:12:13; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;23895
6;-2507.4; 25-SEP-2006 10:13:52; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;23895
7;-2140.9; 25-SEP-2006 10:19:58; Bright; 35.5; 36; 50Alp UMa ; 1.80; 6300;occ; 71; 0;23895
8;-2051.9; 25-SEP-2006 10:21:27; Bright; 34.0; 82; 48Bet UMa ; 2.37; 10600;occ; 68; 0;23895
9;-1862.3; 25-SEP-2006 10:24:37; Bright; 33.5; 174; 52Psi UMa ; 3.00; 4400;occ; 67; 0;23895
10;-1463.5; 25-SEP-2006 10:31:16; Bright; 31.5; 166; 17Eps Leo ; 2.98; 6000;occ; 63; 0;23895
11; -903.1; 25-SEP-2006 10:40:36; Dark ; 42.0; 48; 30Alp Hya ; 1.98; 4100;occ; 84; 0;23895
12; -321.4; 25-SEP-2006 10:50:18; Dark ; 41.5; 65; Lam Vel ; 2.20; 4400;occ; 83; 0;23895
13; -233.5; 25-SEP-2006 10:51:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23895
14; -123.0; 25-SEP-2006 10:53:36; Dark ; 37.5; 46; Del Vel ; 1.95; 10600;occ; 75; 0;23895
15; -28.4; 25-SEP-2006 10:55:11; Dark ; 48.0; 41; Eps Car ; 1.86; 4100;occ; 96; 0;23895
16; 699.1; 25-SEP-2006 11:07:18; Dark ; 38.0; 143; Alp Hyi ; 2.86; 7200;occ; 76; 0;23896
17; 786.5; 25-SEP-2006 11:08:46; Dark ; 40.0; 9; Alp Eri ; 0.45; 24000;occ; 80; 0;23896
18; 1131.2; 25-SEP-2006 11:14:30; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;23896
19; 1407.1; 25-SEP-2006 11:19:06; Dark ; 42.5; 18; 24Alp PsA ; 1.17; 9700;occ; 85; 0;23896
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20060925_112746_000055572051_00295_23896_0800.N1
1;-4109.4; 25-SEP-2006 11:27:46; Bright; 37.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 75; 0;23896
2;-3868.6; 25-SEP-2006 11:31:46; Bright; 37.5; 90; 54Alp Peg ; 2.49; 11000;occ; 75; 0;23896
3;-3645.8; 25-SEP-2006 11:35:29; Bright; 36.5; 93; 53Bet Peg ; 2.52; 3100;occ; 73; 0;23896
4;-3049.8; 25-SEP-2006 11:45:25; Bright; 35.0; 89; 5Alp Cep ; 2.45; 8000;occ; 70; 0;23896
5;-2605.7; 25-SEP-2006 11:52:49; Bright; 36.5; 49; 1Alp UMi ; 1.99; 6300;occ; 73; 0;23896
6;-2507.2; 25-SEP-2006 11:54:28; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;23896
7;-2140.8; 25-SEP-2006 12:00:34; Bright; 34.5; 36; 50Alp UMa ; 1.80; 6300;occ; 69; 1;23896
8;-2051.9; 25-SEP-2006 12:02:03; Bright; 35.0; 82; 48Bet UMa ; 2.37; 10600;occ; 70; 0;23896
9;-1862.0; 25-SEP-2006 12:05:13; Bright; 35.0; 174; 52Psi UMa ; 3.00; 4400;occ; 70; 0;23896
10;-1463.2; 25-SEP-2006 12:11:52; Bright; 32.5; 166; 17Eps Leo ; 2.98; 6000;occ; 65; 0;23896
11; -902.8; 25-SEP-2006 12:21:12; Dark ; 42.5; 48; 30Alp Hya ; 1.98; 4100;occ; 85; 0;23896
12; -321.1; 25-SEP-2006 12:30:54; Dark ; 43.0; 65; Lam Vel ; 2.20; 4400;occ; 86; 0;23896
13; -233.2; 25-SEP-2006 12:32:22; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23896
14; -122.8; 25-SEP-2006 12:34:12; Dark ; 38.0; 46; Del Vel ; 1.95; 10600;occ; 76; 0;23896
15; -28.0; 25-SEP-2006 12:35:47; Dark ; 46.5; 41; Eps Car ; 1.86; 4100;occ; 93; 0;23896
16; 699.5; 25-SEP-2006 12:47:55; Dark ; 38.5; 143; Alp Hyi ; 2.86; 7200;occ; 77; 0;23897
17; 787.0; 25-SEP-2006 12:49:22; Dark ; 40.0; 9; Alp Eri ; 0.45; 24000;occ; 80; 0;23897
18; 1131.4; 25-SEP-2006 12:55:06; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 0;23897
19; 1407.3; 25-SEP-2006 12:59:42; Dark ; 41.5; 18; 24Alp PsA ; 1.17; 9700;occ; 83; 0;23897
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20060925_130822_000055582051_00296_23897_0801.N1
1;-4109.3; 25-SEP-2006 13:08:22; Bright; 37.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 75; 0;23897
2;-3868.5; 25-SEP-2006 13:12:22; Bright; 35.5; 90; 54Alp Peg ; 2.49; 11000;occ; 71; 0;23897
3;-3645.8; 25-SEP-2006 13:16:05; Bright; 46.0; 93; 53Bet Peg ; 2.52; 3100;occ; 92; 0;23897
4;-3049.7; 25-SEP-2006 13:26:01; Bright; 35.5; 89; 5Alp Cep ; 2.45; 8000;occ; 71; 0;23897
5;-2606.0; 25-SEP-2006 13:33:25; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;23897
6;-2506.8; 25-SEP-2006 13:35:04; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;23897
7;-2140.4; 25-SEP-2006 13:41:11; Bright; 36.5; 36; 50Alp UMa ; 1.80; 6300;occ; 73; 0;23897
8;-2051.6; 25-SEP-2006 13:42:39; Bright; 34.0; 82; 48Bet UMa ; 2.37; 10600;occ; 68; 0;23897
9;-1862.0; 25-SEP-2006 13:45:49; Bright; 33.0; 174; 52Psi UMa ; 3.00; 4400;occ; 66; 0;23897
10;-1463.1; 25-SEP-2006 13:52:28; Bright; 33.0; 166; 17Eps Leo ; 2.98; 6000;occ; 66; 0;23897
11; -902.4; 25-SEP-2006 14:01:49; Dark ; 41.5; 48; 30Alp Hya ; 1.98; 4100;occ; 83; 0;23897
12; -320.8; 25-SEP-2006 14:11:30; Dark ; 43.0; 65; Lam Vel ; 2.20; 4400;occ; 86; 0;23897
13; -232.9; 25-SEP-2006 14:12:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23897
14; -122.4; 25-SEP-2006 14:14:49; Dark ; 42.5; 46; Del Vel ; 1.95; 10600;occ; 85; 0;23897
15; -27.7; 25-SEP-2006 14:16:23; Dark ; 46.5; 41; Eps Car ; 1.86; 4100;occ; 93; 0;23897
16; 700.2; 25-SEP-2006 14:28:31; Dark ; 39.0; 143; Alp Hyi ; 2.86; 7200;occ; 78; 0;23898
17; 787.4; 25-SEP-2006 14:29:58; Dark ; 48.0; 9; Alp Eri ; 0.45; 24000;occ; 96; 0;23898
18; 1131.6; 25-SEP-2006 14:35:43; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;23898
19; 1407.5; 25-SEP-2006 14:40:19; Dark ; 42.5; 18; 24Alp PsA ; 1.17; 9700;occ; 85; 0;23898
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20060925_144019_000058012051_00297_23898_0802.N1
1;-4629.0; 25-SEP-2006 14:40:19; Dark ; 43.0; 18; 24Alp PsA ; 1.17; 9700;occ; 86; 0;23898
2;-4109.7; 25-SEP-2006 14:48:58; Bright; 37.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 74; 0;23898
3;-3869.3; 25-SEP-2006 14:52:58; Bright; 37.0; 90; 54Alp Peg ; 2.49; 11000;occ; 74; 0;23898
4;-3646.5; 25-SEP-2006 14:56:41; Bright; 38.0; 93; 53Bet Peg ; 2.52; 3100;occ; 76; 0;23898
5;-3050.0; 25-SEP-2006 15:06:38; Bright; 35.5; 89; 5Alp Cep ; 2.45; 8000;occ; 71; 0;23898
6;-2606.4; 25-SEP-2006 15:14:01; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300;occ; 68; 0;23898
7;-2507.1; 25-SEP-2006 15:15:40; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;23898
8;-2141.0; 25-SEP-2006 15:21:47; Bright; 36.5; 36; 50Alp UMa ; 1.80; 6300;occ; 73; 0;23898
9;-2052.2; 25-SEP-2006 15:23:15; Bright; 37.5; 82; 48Bet UMa ; 2.37; 10600;occ; 75; 0;23898

```

```

10;-1862.2; 25-SEP-2006 15:26:25; Bright; 34.5; 174; 52Psi UMA ; 3.00; 4400;occ; 69; 0;23898
11;-1463.6; 25-SEP-2006 15:33:04; Bright; 33.5; 166; 17Eps Leo ; 2.98; 6000;occ; 67; 0;23898
12; -902.8; 25-SEP-2006 15:42:25; Dark ; 43.5; 48; 30Alp Hya ; 1.98; 4100;occ; 87; 0;23898
13; -321.0; 25-SEP-2006 15:52:06; Dark ; 41.5; 65; Lam Vel ; 2.20; 4400;occ; 83; 0;23898
14; -233.1; 25-SEP-2006 15:53:34; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23898
15; -122.6; 25-SEP-2006 15:55:25; Dark ; 37.5; 46; Del Vel ; 1.95; 10600;occ; 75; 0;23898
16; -27.9; 25-SEP-2006 15:57:00; Dark ; 38.0; 41; Eps Car ; 1.86; 4100;occ; 76; 0;23898
17; 700.0; 25-SEP-2006 16:09:08; Dark ; 38.5; 143; Alp Hyi ; 2.86; 7200;occ; 77; 0;23899
18; 787.3; 25-SEP-2006 16:10:35; Dark ; 40.5; 9; Alp Eri ; 0.45; 24000;occ; 81; 0;23899
19; 1131.2; 25-SEP-2006 16:16:19; Dark ; 41.5; 63; Bet Gru ; 2.15; 2800;occ; 83; 0;23899
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20060925_162055_000054612051_00298_23899_0803.N1
 1;-4628.4; 25-SEP-2006 16:20:55; Dark ; 41.5; 18; 24Alp PsA ; 1.17; 9700;occ; 83; 0;23899
 2;-4108.9; 25-SEP-2006 16:29:34; Bright; 34.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 69; 0;23899
 3;-3868.7; 25-SEP-2006 16:33:34; Bright; 36.5; 90; 54Alp Peg ; 2.49; 11000;occ; 73; 0;23899
 4;-3646.1; 25-SEP-2006 16:37:17; Bright; 38.0; 93; 53Bet Peg ; 2.52; 3100;occ; 76; 0;23899
 5;-3049.5; 25-SEP-2006 16:47:14; Bright; 34.5; 89; 5Alp Cep ; 2.45; 8000;occ; 69; 0;23899
 6;-2605.8; 25-SEP-2006 16:54:37; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;23899
 7;-2506.4; 25-SEP-2006 16:56:17; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;23899
 8;-2140.4; 25-SEP-2006 17:02:23; Bright; 34.0; 36; 50Alp UMA ; 1.80; 6300;occ; 68; 0;23899
 9;-2051.6; 25-SEP-2006 17:03:51; Bright; 34.0; 82; 48Bet UMA ; 2.37; 10600;occ; 68; 0;23899
10;-1861.5; 25-SEP-2006 17:07:02; Bright; 34.0; 174; 52Psi UMA ; 3.00; 4400;occ; 68; 0;23899
11;-1462.9; 25-SEP-2006 17:13:40; Bright; 34.0; 166; 17Eps Leo ; 2.98; 6000;occ; 68; 0;23899
12; -901.8; 25-SEP-2006 17:23:01; Dark ; 49.0; 48; 30Alp Hya ; 1.98; 4100;occ; 98; 0;23899
13; -320.2; 25-SEP-2006 17:32:43; Dark ; 48.0; 65; Lam Vel ; 2.20; 4400;occ; 96; 0;23899
14; -232.3; 25-SEP-2006 17:34:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23899
15; -121.8; 25-SEP-2006 17:36:01; Dark ; 39.5; 46; Del Vel ; 1.95; 10600;occ; 79; 0;23899
16; -27.1; 25-SEP-2006 17:37:36; Dark ; 38.0; 41; Eps Car ; 1.86; 4100;occ; 76; 0;23899
17; 700.9; 25-SEP-2006 17:49:44; Dark ; 38.5; 143; Alp Hyi ; 2.86; 7200;occ; 77; 0;23900
18; 788.3; 25-SEP-2006 17:51:11; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;23900
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20060925_175655_000057432051_00299_23900_0804.N1
 1;-4904.7; 25-SEP-2006 17:56:55; Dark ; 43.5; 63; Bet Gru ; 2.15; 2800;occ; 87; 0;23900
 2;-4629.0; 25-SEP-2006 18:01:31; Dark ; 42.5; 18; 24Alp PsA ; 1.17; 9700;occ; 85; 0;23900
 3;-4109.4; 25-SEP-2006 18:10:10; Bright; 37.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 75; 0;23900
 4;-3869.3; 25-SEP-2006 18:14:10; Bright; 36.5; 90; 54Alp Peg ; 2.49; 11000;occ; 73; 0;23900
 5;-3646.7; 25-SEP-2006 18:17:53; Bright; 36.0; 93; 53Bet Peg ; 2.52; 3100;occ; 72; 0;23900
 6;-3049.8; 25-SEP-2006 18:27:50; Bright; 35.0; 89; 5Alp Cep ; 2.45; 8000;occ; 70; 0;23900
 7;-2606.5; 25-SEP-2006 18:35:13; Bright; 36.5; 49; 1Alp UMi ; 1.99; 6300;occ; 73; 0;23900
 8;-2506.7; 25-SEP-2006 18:36:53; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;23900
 9;-2140.8; 25-SEP-2006 18:42:59; Bright; 33.5; 36; 50Alp UMA ; 1.80; 6300;occ; 67; 0;23900
10;-2052.0; 25-SEP-2006 18:44:28; Bright; 35.0; 82; 48Bet UMA ; 2.37; 10600;occ; 70; 0;23900
11;-1861.9; 25-SEP-2006 18:47:38; Bright; 34.5; 174; 52Psi UMA ; 3.00; 4400;occ; 69; 0;23900
12;-1463.2; 25-SEP-2006 18:54:16; Bright; 31.5; 166; 17Eps Leo ; 2.98; 6000;occ; 63; 0;23900
13; -902.0; 25-SEP-2006 19:03:38; Dark ; 41.5; 48; 30Alp Hya ; 1.98; 4100;occ; 83; 0;23900
14; -320.5; 25-SEP-2006 19:13:19; Dark ; 40.0; 65; Lam Vel ; 2.20; 4400;occ; 80; 0;23900
15; -232.5; 25-SEP-2006 19:14:47; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23900
16; -122.0; 25-SEP-2006 19:16:38; Dark ; 39.5; 46; Del Vel ; 1.95; 10600;occ; 79; 0;23900
17; 700.7; 25-SEP-2006 19:30:20; Dark ; 38.0; 143; Alp Hyi ; 2.86; 7200;occ; 76; 0;23901
18; 788.2; 25-SEP-2006 19:31:48; Dark ; 51.0; 9; Alp Eri ; 0.45; 24000;occ; 102; 0;23901
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20060926_001508_000055032051_00302_23903_0772.N1
 1; -319.1; 26-SEP-2006 00:15:08; Dark ; 44.0; 65; Lam Vel ; 2.20; 4400;occ; 88; 0;23903
 2; -230.9; 26-SEP-2006 00:16:36; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23903
 3; -120.7; 26-SEP-2006 00:18:26; Dark ; 38.5; 46; Del Vel ; 1.95; 10600;occ; 77; 0;23903
 4; -26.0; 26-SEP-2006 00:20:01; Dark ; 44.0; 41; Eps Car ; 1.86; 4100;occ; 88; 0;23903
 5; 702.4; 26-SEP-2006 00:32:09; Dark ; 39.0; 143; Alp Hyi ; 2.86; 7200;occ; 78; 0;23904
 6; 790.0; 26-SEP-2006 00:33:37; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;23904
 7; 1132.4; 26-SEP-2006 00:39:19; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 0;23904
 8; 1408.3; 26-SEP-2006 00:43:55; Dark ; 42.5; 18; 24Alp PsA ; 1.17; 9700;occ; 85; 0;23904
 9; 1928.0; 26-SEP-2006 00:52:35; Bright; 37.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 74; 0;23904
10; 2167.1; 26-SEP-2006 00:56:34; Bright; 37.0; 90; 54Alp Peg ; 2.49; 11000;occ; 74; 0;23904
11; 2389.3; 26-SEP-2006 01:00:16; Bright; 37.5; 93; 53Bet Peg ; 2.52; 3100;occ; 75; 0;23904
12; 2987.3; 26-SEP-2006 01:10:14; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;23904
13; 3429.9; 26-SEP-2006 01:17:37; Bright; 36.5; 49; 1Alp UMi ; 1.99; 6300;occ; 73; 0;23904
14; 3531.1; 26-SEP-2006 01:19:18; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;23904
15; 3896.1; 26-SEP-2006 01:25:23; Bright; 36.5; 36; 50Alp UMA ; 1.80; 6300;occ; 73; 0;23904
16; 3985.2; 26-SEP-2006 01:26:52; Bright; 35.0; 82; 48Bet UMA ; 2.37; 10600;occ; 70; 0;23904
17; 4175.3; 26-SEP-2006 01:30:02; Bright; 34.5; 174; 52Psi UMA ; 3.00; 4400;occ; 69; 0;23904
18; 4573.9; 26-SEP-2006 01:36:41; Bright; 34.5; 166; 17Eps Leo ; 2.98; 6000;occ; 69; 0;23904
19; 5135.5; 26-SEP-2006 01:46:02; Dark ; 49.5; 48; 30Alp Hya ; 1.98; 4100;occ; 99; 0;23904

```

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20060926\_014611\_000044592051\_00303\_23904\_0773.N1

1; -891.9; 26-SEP-2006 01:46:11; Dark ; 50.0; 48; 30Alp Hya ; 1.98; 4100;occ; 100; 18;23904  
 2; -319.3; 26-SEP-2006 01:55:44; Dark ; 44.5; 65; Lam Vel ; 2.20; 4400;occ; 89; 0;23904  
 3; -231.1; 26-SEP-2006 01:57:12; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23904  
 4; -120.9; 26-SEP-2006 01:59:02; Dark ; 38.5; 46; Del Vel ; 1.95; 10600;occ; 77; 0;23904  
 5; -26.1; 26-SEP-2006 02:00:37; Dark ; 42.0; 41; Eps Car ; 1.86; 4100;occ; 84; 0;23904  
 6; 702.3; 26-SEP-2006 02:12:45; Dark ; 39.0; 143; Alp Hyi ; 2.86; 7200;occ; 78; 0;23905  
 7; 790.0; 26-SEP-2006 02:14:13; Dark ; 50.5; 9; Alp Eri ; 0.45; 24000;occ; 101; 0;23905  
 8; 1132.0; 26-SEP-2006 02:19:55; Dark ; 52.0; 63; Bet Gru ; 2.15; 2800;occ; 104; 0;23905  
 9; 1408.0; 26-SEP-2006 02:24:31; Dark ; 43.5; 18; 24Alp PsA ; 1.17; 9700;occ; 87; 0;23905  
 10; 1927.6; 26-SEP-2006 02:33:11; Bright; 38.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 76; 0;23905  
 11; 2166.6; 26-SEP-2006 02:37:10; Bright; 36.0; 90; 54Alp Peg ; 2.49; 11000;occ; 72; 0;23905  
 12; 2388.7; 26-SEP-2006 02:40:52; Bright; 39.5; 93; 53Bet Peg ; 2.52; 3100;occ; 79; 0;23905  
 13; 2986.9; 26-SEP-2006 02:50:50; Bright; 41.0; 89; 5Alp Cep ; 2.45; 8000;occ; 82; 0;23905  
 14; 3429.5; 26-SEP-2006 02:58:13; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;23905  
 15; 3530.7; 26-SEP-2006 02:59:54; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;23905

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20060926\_025959\_000060662051\_00304\_23905\_0774.N1

1;-2499.1; 26-SEP-2006 02:59:59; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 11;23905  
 2;-2139.4; 26-SEP-2006 03:05:59; Bright; 34.5; 36; 50Alp UMA ; 1.80; 6300;occ; 69; 0;23905  
 3;-2050.6; 26-SEP-2006 03:07:28; Bright; 34.0; 82; 48Bet UMA ; 2.37; 10600;occ; 68; 0;23905  
 4;-1860.4; 26-SEP-2006 03:10:38; Bright; 33.5; 174; 52Psi UMA ; 3.00; 4400;occ; 67; 0;23905  
 5;-1461.9; 26-SEP-2006 03:17:17; Bright; 33.5; 166; 17Eps Leo ; 2.98; 6000;occ; 67; 0;23905  
 6; -899.9; 26-SEP-2006 03:26:39; Dark ; 47.0; 48; 30Alp Hya ; 1.98; 4100;occ; 94; 0;23905  
 7; -318.3; 26-SEP-2006 03:36:20; Dark ; 45.5; 65; Lam Vel ; 2.20; 4400;occ; 91; 0;23905  
 8; -230.2; 26-SEP-2006 03:37:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23905  
 9; -119.9; 26-SEP-2006 03:39:39; Dark ; 40.5; 46; Del Vel ; 1.95; 10600;occ; 81; 0;23905  
 10; -25.2; 26-SEP-2006 03:41:13; Dark ; 40.0; 41; Eps Car ; 1.86; 4100;occ; 80; 0;23905  
 11; 703.5; 26-SEP-2006 03:53:22; Dark ; 38.5; 143; Alp Hyi ; 2.86; 7200;occ; 77; 0;23906  
 12; 790.9; 26-SEP-2006 03:54:49; Dark ; 48.0; 9; Alp Eri ; 0.45; 24000;occ; 96; 0;23906  
 13; 1132.9; 26-SEP-2006 04:00:31; Dark ; 52.0; 63; Bet Gru ; 2.15; 2800;occ; 104; 0;23906  
 14; 1408.9; 26-SEP-2006 04:05:07; Dark ; 43.0; 18; 24Alp PsA ; 1.17; 9700;occ; 86; 0;23906  
 15; 1928.5; 26-SEP-2006 04:13:47; Bright; 37.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 75; 0;23906  
 16; 2167.3; 26-SEP-2006 04:17:46; Bright; 35.5; 90; 54Alp Peg ; 2.49; 11000;occ; 71; 0;23906  
 17; 2389.4; 26-SEP-2006 04:21:28; Bright; 35.5; 93; 53Bet Peg ; 2.52; 3100;occ; 71; 0;23906  
 18; 2987.7; 26-SEP-2006 04:31:26; Bright; 33.0; 89; 5Alp Cep ; 2.45; 8000;occ; 66; 0;23906  
 19; 3430.0; 26-SEP-2006 04:38:49; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;23906  
 20; 3531.9; 26-SEP-2006 04:40:30; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;23906

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20060926\_044635\_000057052051\_00305\_23906\_0775.N1

1;-2139.3; 26-SEP-2006 04:46:35; Bright; 37.0; 36; 50Alp UMA ; 1.80; 6300;occ; 74; 0;23906  
 2;-2050.3; 26-SEP-2006 04:48:04; Bright; 52.0; 82; 48Bet UMA ; 2.37; 10600;occ; 104; 0;23906  
 3;-1860.1; 26-SEP-2006 04:51:14; Bright; 34.0; 174; 52Psi UMA ; 3.00; 4400;occ; 68; 0;23906  
 4;-1461.4; 26-SEP-2006 04:57:53; Bright; 34.0; 166; 17Eps Leo ; 2.98; 6000;occ; 68; 0;23906  
 5; -899.5; 26-SEP-2006 05:07:15; Dark ; 42.5; 48; 30Alp Hya ; 1.98; 4100;occ; 85; 0;23906  
 6; -318.1; 26-SEP-2006 05:16:56; Dark ; 42.5; 65; Lam Vel ; 2.20; 4400;occ; 85; 0;23906  
 7; -229.9; 26-SEP-2006 05:18:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23906  
 8; -119.6; 26-SEP-2006 05:20:15; Dark ; 42.0; 46; Del Vel ; 1.95; 10600;occ; 84; 0;23906  
 9; -24.9; 26-SEP-2006 05:21:50; Dark ; 39.0; 41; Eps Car ; 1.86; 4100;occ; 78; 0;23906  
 10; 703.9; 26-SEP-2006 05:33:58; Dark ; 38.0; 143; Alp Hyi ; 2.86; 7200;occ; 76; 0;23907  
 11; 791.3; 26-SEP-2006 05:35:26; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;23907  
 12; 1133.1; 26-SEP-2006 05:41:08; Dark ; 50.5; 63; Bet Gru ; 2.15; 2800;occ; 101; 0;23907  
 13; 1409.1; 26-SEP-2006 05:45:44; Dark ; 40.0; 18; 24Alp PsA ; 1.17; 9700;occ; 80; 0;23907  
 14; 1928.7; 26-SEP-2006 05:54:23; Bright; 36.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 73; 0;23907  
 15; 2167.2; 26-SEP-2006 05:58:22; Bright; 37.0; 90; 54Alp Peg ; 2.49; 11000;occ; 74; 0;23907  
 16; 2389.3; 26-SEP-2006 06:02:04; Bright; 38.5; 93; 53Bet Peg ; 2.52; 3100;occ; 77; 0;23907  
 17; 2987.9; 26-SEP-2006 06:12:02; Bright; 34.5; 89; 5Alp Cep ; 2.45; 8000;occ; 69; 0;23907  
 18; 3430.2; 26-SEP-2006 06:19:25; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;23907  
 19; 3532.2; 26-SEP-2006 06:21:07; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;23907

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20060926\_062712\_000035892051\_00306\_23907\_0805.N1

1;-2139.0; 26-SEP-2006 06:27:12; Bright; 37.5; 36; 50Alp UMA ; 1.80; 6300;occ; 75; 0;23907  
 2;-2049.9; 26-SEP-2006 06:28:41; Bright; 34.0; 82; 48Bet UMA ; 2.37; 10600;occ; 68; 0;23907  
 3;-1859.9; 26-SEP-2006 06:31:51; Bright; 35.0; 174; 52Psi UMA ; 3.00; 4400;occ; 70; 0;23907  
 4;-1461.0; 26-SEP-2006 06:38:29; Bright; 33.5; 166; 17Eps Leo ; 2.98; 6000;occ; 67; 0;23907  
 5; -899.1; 26-SEP-2006 06:47:51; Dark ; 43.0; 48; 30Alp Hya ; 1.98; 4100;occ; 86; 0;23907  
 6; -317.7; 26-SEP-2006 06:57:33; Dark ; 46.5; 65; Lam Vel ; 2.20; 4400;occ; 93; 0;23907  
 7; -229.6; 26-SEP-2006 06:59:01; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23907  
 8; -119.4; 26-SEP-2006 07:00:51; Dark ; 41.5; 46; Del Vel ; 1.95; 10600;occ; 83; 0;23907  
 9; -24.6; 26-SEP-2006 07:02:26; Dark ; 41.5; 41; Eps Car ; 1.86; 4100;occ; 83; 0;23907  
 10; 704.2; 26-SEP-2006 07:14:35; Dark ; 37.5; 143; Alp Hyi ; 2.86; 7200;occ; 75; 0;23908

11; 791.7; 26-SEP-2006 07:16:02; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;23908  
12; 1133.2; 26-SEP-2006 07:21:44; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 0;23908  
13; 1409.2; 26-SEP-2006 07:26:20; Dark ; 42.0; 18; 24Alp PsA ; 1.17; 9700;occ; 84; 0;23908  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20060926\_073459\_000055582051\_00307\_23908\_0806.N1  
1;-4107.0; 26-SEP-2006 07:34:59; Bright; 37.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 74; 0;23908  
2;-3868.7; 26-SEP-2006 07:38:58; Bright; 36.0; 90; 54Alp Peg ; 2.49; 11000;occ; 72; 0;23908  
3;-3646.7; 26-SEP-2006 07:42:40; Bright; 40.0; 93; 53Bet Peg ; 2.52; 3100;occ; 80; 0;23908  
4;-3048.0; 26-SEP-2006 07:52:39; Bright; 36.0; 89; 5Alp Cep ; 2.45; 8000;occ; 72; 0;23908  
5;-2605.8; 26-SEP-2006 08:00:01; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;23908  
6;-2503.5; 26-SEP-2006 08:01:43; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;23908  
7;-2138.8; 26-SEP-2006 08:07:48; Bright; 35.5; 36; 50Alp UMa ; 1.80; 6300;occ; 71; 0;23908  
8;-2049.9; 26-SEP-2006 08:09:17; Bright; 34.5; 82; 48Bet UMa ; 2.37; 10600;occ; 69; 0;23908  
9;-1859.7; 26-SEP-2006 08:12:27; Bright; 33.5; 174; 52Psi UMa ; 3.00; 4400;occ; 67; 0;23908  
10;-1460.8; 26-SEP-2006 08:19:06; Bright; 32.5; 166; 17Eps Leo ; 2.98; 6000;occ; 65; 0;23908  
11; -898.8; 26-SEP-2006 08:28:28; Dark ; 43.0; 48; 30Alp Hya ; 1.98; 4100;occ; 86; 0;23908  
12; -317.5; 26-SEP-2006 08:38:09; Dark ; 41.5; 65; Lam Vel ; 2.20; 4400;occ; 83; 0;23908  
13; -229.2; 26-SEP-2006 08:39:37; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23908  
14; -119.0; 26-SEP-2006 08:41:27; Dark ; 40.5; 46; Del Vel ; 1.95; 10600;occ; 81; 0;23908  
15; -24.2; 26-SEP-2006 08:43:02; Dark ; 43.0; 41; Eps Car ; 1.86; 4100;occ; 86; 0;23908  
16; 704.7; 26-SEP-2006 08:55:11; Dark ; 38.0; 143; Alp Hyi ; 2.86; 7200;occ; 76; 1;23909  
17; 792.2; 26-SEP-2006 08:56:39; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;23909  
18; 1133.4; 26-SEP-2006 09:02:20; Dark ; 49.5; 63; Bet Gru ; 2.15; 2800;occ; 99; 0;23909  
19; 1409.4; 26-SEP-2006 09:06:56; Dark ; 42.5; 18; 24Alp PsA ; 1.17; 9700;occ; 85; 0;23909  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20060926\_091536\_000055572051\_00308\_23909\_0807.N1  
1;-4106.8; 26-SEP-2006 09:15:36; Bright; 37.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 74; 0;23909  
2;-3868.7; 26-SEP-2006 09:19:34; Bright; 37.5; 90; 54Alp Peg ; 2.49; 11000;occ; 75; 0;23909  
3;-3646.8; 26-SEP-2006 09:23:16; Bright; 35.5; 93; 53Bet Peg ; 2.52; 3100;occ; 71; 0;23909  
4;-3047.7; 26-SEP-2006 09:33:15; Bright; 35.5; 89; 5Alp Cep ; 2.45; 8000;occ; 71; 0;23909  
5;-2605.8; 26-SEP-2006 09:40:37; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;23909  
6;-2503.2; 26-SEP-2006 09:42:19; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;23909  
7;-2138.7; 26-SEP-2006 09:48:24; Bright; 36.5; 36; 50Alp UMa ; 1.80; 6300;occ; 73; 0;23909  
8;-2049.6; 26-SEP-2006 09:49:53; Bright; 33.0; 82; 48Bet UMa ; 2.37; 10600;occ; 66; 0;23909  
9;-1859.6; 26-SEP-2006 09:53:03; Bright; 34.0; 174; 52Psi UMa ; 3.00; 4400;occ; 68; 0;23909  
10;-1460.4; 26-SEP-2006 09:59:42; Bright; 32.5; 166; 17Eps Leo ; 2.98; 6000;occ; 65; 0;23909  
11; -898.5; 26-SEP-2006 10:09:04; Dark ; 40.0; 48; 30Alp Hya ; 1.98; 4100;occ; 80; 0;23909  
12; -317.1; 26-SEP-2006 10:18:45; Dark ; 42.0; 65; Lam Vel ; 2.20; 4400;occ; 84; 0;23909  
13; -228.9; 26-SEP-2006 10:20:13; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23909  
14; -118.7; 26-SEP-2006 10:22:04; Dark ; 36.0; 46; Del Vel ; 1.95; 10600;occ; 72; 0;23909  
15; -23.9; 26-SEP-2006 10:23:38; Dark ; 44.5; 41; Eps Car ; 1.86; 4100;occ; 89; 0;23909  
16; 705.1; 26-SEP-2006 10:35:47; Dark ; 38.0; 143; Alp Hyi ; 2.86; 7200;occ; 76; 0;23910  
17; 792.6; 26-SEP-2006 10:37:15; Dark ; 41.5; 9; Alp Eri ; 0.45; 24000;occ; 83; 0;23910  
18; 1133.5; 26-SEP-2006 10:42:56; Dark ; 38.5; 63; Bet Gru ; 2.15; 2800;occ; 77; 0;23910  
19; 1409.6; 26-SEP-2006 10:47:32; Dark ; 41.5; 18; 24Alp PsA ; 1.17; 9700;occ; 83; 0;23910  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20060926\_105612\_000055582051\_00309\_23910\_0808.N1  
1;-4106.6; 26-SEP-2006 10:56:12; Bright; 37.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 75; 0;23910  
2;-3868.7; 26-SEP-2006 11:00:10; Bright; 35.5; 90; 54Alp Peg ; 2.49; 11000;occ; 71; 0;23910  
3;-3646.9; 26-SEP-2006 11:03:51; Bright; 36.5; 93; 53Bet Peg ; 2.52; 3100;occ; 73; 0;23910  
4;-3047.5; 26-SEP-2006 11:13:51; Bright; 35.5; 89; 5Alp Cep ; 2.45; 8000;occ; 71; 0;23910  
5;-2605.8; 26-SEP-2006 11:21:12; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;23910  
6;-2502.8; 26-SEP-2006 11:22:55; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;23910  
7;-2138.5; 26-SEP-2006 11:29:00; Bright; 35.5; 36; 50Alp UMa ; 1.80; 6300;occ; 71; 0;23910  
8;-2049.4; 26-SEP-2006 11:30:29; Bright; 34.0; 82; 48Bet UMa ; 2.37; 10600;occ; 68; 0;23910  
9;-1859.2; 26-SEP-2006 11:33:39; Bright; 37.5; 174; 52Psi UMa ; 3.00; 4400;occ; 75; 0;23910  
10;-1460.4; 26-SEP-2006 11:40:18; Bright; 33.0; 166; 17Eps Leo ; 2.98; 6000;occ; 66; 0;23910  
11; -898.1; 26-SEP-2006 11:49:40; Dark ; 38.5; 48; 30Alp Hya ; 1.98; 4100;occ; 77; 0;23910  
12; -316.8; 26-SEP-2006 11:59:21; Dark ; 44.0; 65; Lam Vel ; 2.20; 4400;occ; 88; 0;23910  
13; -228.6; 26-SEP-2006 12:00:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23910  
14; -118.4; 26-SEP-2006 12:02:40; Dark ; 37.0; 46; Del Vel ; 1.95; 10600;occ; 74; 0;23910  
15; -23.6; 26-SEP-2006 12:04:15; Dark ; 50.0; 41; Eps Car ; 1.86; 4100;occ; 100; 0;23910  
16; 705.6; 26-SEP-2006 12:16:24; Dark ; 37.5; 143; Alp Hyi ; 2.86; 7200;occ; 75; 0;23911  
17; 793.1; 26-SEP-2006 12:17:51; Dark ; 40.0; 9; Alp Eri ; 0.45; 24000;occ; 80; 0;23911  
18; 1133.7; 26-SEP-2006 12:23:32; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;23911  
19; 1409.7; 26-SEP-2006 12:28:08; Dark ; 42.5; 18; 24Alp PsA ; 1.17; 9700;occ; 85; 0;23911  
/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20060926\_123648\_000055562051\_00310\_23911\_0810.N1  
1; 1929.5; 26-SEP-2006 12:36:48; Bright; 36.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 73; 0;23911  
2; 2167.2; 26-SEP-2006 12:40:45; Bright; 35.5; 90; 54Alp Peg ; 2.49; 11000;occ; 71; 0;23911  
3; 2389.0; 26-SEP-2006 12:44:27; Bright; 36.5; 93; 53Bet Peg ; 2.52; 3100;occ; 73; 0;23911  
4; 2988.5; 26-SEP-2006 12:54:27; Bright; 35.0; 89; 5Alp Cep ; 2.45; 8000;occ; 70; 0;23911

```

5; 3430.1; 26-SEP-2006 13:01:48; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;23911
6; 3533.3; 26-SEP-2006 13:03:32; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;23911
7; 3897.5; 26-SEP-2006 13:09:36; Bright; 37.0; 36; 50Alp UMa ; 1.80; 6300;occ; 74; 0;23911
8; 3986.8; 26-SEP-2006 13:11:05; Bright; 34.5; 82; 48Bet UMa ; 2.37; 10600;occ; 69; 0;23911
9; 4177.0; 26-SEP-2006 13:14:15; Bright; 32.5; 174; 52Psi UMa ; 3.00; 4400;occ; 65; 0;23911
10; 4575.6; 26-SEP-2006 13:20:54; Bright; 34.0; 166; 17Eps Leo ; 2.98; 6000;occ; 68; 0;23911
11; 5138.1; 26-SEP-2006 13:30:16; Dark ; 45.5; 48; 30Alp Hya ; 1.98; 4100;occ; 91; 0;23911
12; 5719.5; 26-SEP-2006 13:39:58; Dark ; 41.5; 65; Lam Vel ; 2.20; 4400;occ; 83; 0;23911
13; 5807.7; 26-SEP-2006 13:41:26; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23911
14; 5917.8; 26-SEP-2006 13:43:16; Dark ; 43.5; 46; Del Vel ; 1.95; 10600;occ; 87; 0;23911
15; 6012.7; 26-SEP-2006 13:44:51; Dark ; 46.0; 41; Eps Car ; 1.86; 4100;occ; 92; 0;23911
16; 6741.9; 26-SEP-2006 13:57:00; Dark ; 37.0; 143; Alp Hyi ; 2.86; 7200;occ; 74; 0;23911
17; 6829.3; 26-SEP-2006 13:58:28; Dark ; 49.5; 9; Alp Eri ; 0.45; 24000;occ; 99; 0;23911
18; 7169.7; 26-SEP-2006 14:04:08; Dark ; 44.0; 63; Bet Gru ; 2.15; 2800;occ; 88; 0;23911
19; 7445.9; 26-SEP-2006 14:08:44; Dark ; 41.0; 18; 24Alp PsA ; 1.17; 9700;occ; 82; 0;23911
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20060926_140920_000057722051_00311_23912_0811.N1
1;-4591.0; 26-SEP-2006 14:09:20; Dark ; 41.5; 18; 24Alp PsA ; 1.17; 9700;occ; 83; 71;23912
2;-4106.7; 26-SEP-2006 14:17:24; Bright; 37.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 74; 0;23912
3;-3869.3; 26-SEP-2006 14:21:21; Bright; 36.5; 90; 54Alp Peg ; 2.49; 11000;occ; 73; 0;23912
4;-3647.6; 26-SEP-2006 14:25:03; Bright; 36.0; 93; 53Bet Peg ; 2.52; 3100;occ; 72; 0;23912
5;-3047.8; 26-SEP-2006 14:35:03; Bright; 35.0; 89; 5Alp Cep ; 2.45; 8000;occ; 70; 0;23912
6;-2606.5; 26-SEP-2006 14:42:24; Bright; 33.5; 49; 1Alp UMi ; 1.99; 6300;occ; 67; 0;23912
7;-2502.9; 26-SEP-2006 14:44:08; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;23912
8;-2138.8; 26-SEP-2006 14:50:12; Bright; 36.5; 36; 50Alp UMa ; 1.80; 6300;occ; 73; 0;23912
9;-2049.7; 26-SEP-2006 14:51:41; Bright; 34.5; 82; 48Bet UMa ; 2.37; 10600;occ; 69; 0;23912
10;-1859.3; 26-SEP-2006 14:54:51; Bright; 34.0; 174; 52Psi UMa ; 3.00; 4400;occ; 68; 0;23912
11;-1460.6; 26-SEP-2006 15:01:30; Bright; 34.0; 166; 17Eps Leo ; 2.98; 6000;occ; 68; 0;23912
12;-898.1; 26-SEP-2006 15:10:53; Dark ; 44.0; 48; 30Alp Hya ; 1.98; 4100;occ; 88; 0;23912
13;-316.7; 26-SEP-2006 15:20:34; Dark ; 43.0; 65; Lam Vel ; 2.20; 4400;occ; 86; 0;23912
14;-228.4; 26-SEP-2006 15:22:02; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23912
15;-118.4; 26-SEP-2006 15:23:52; Dark ; 41.0; 46; Del Vel ; 1.95; 10600;occ; 82; 0;23912
16;-23.5; 26-SEP-2006 15:25:27; Dark ; 39.0; 41; Eps Car ; 1.86; 4100;occ; 78; 0;23912
17; 705.8; 26-SEP-2006 15:37:36; Dark ; 39.0; 143; Alp Hyi ; 2.86; 7200;occ; 78; 0;23913
18; 793.3; 26-SEP-2006 15:39:04; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;23913
19; 1133.4; 26-SEP-2006 15:44:44; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;23913
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20060926_154920_000058032051_00312_23913_0812.N1
1;-4626.4; 26-SEP-2006 15:49:20; Dark ; 41.5; 18; 24Alp PsA ; 1.17; 9700;occ; 83; 0;23913
2;-4106.7; 26-SEP-2006 15:58:00; Bright; 37.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 74; 0;23913
3;-3869.4; 26-SEP-2006 16:01:57; Bright; 37.0; 90; 54Alp Peg ; 2.49; 11000;occ; 74; 0;23913
4;-3647.7; 26-SEP-2006 16:05:39; Bright; 37.5; 93; 53Bet Peg ; 2.52; 3100;occ; 75; 0;23913
5;-3047.9; 26-SEP-2006 16:15:39; Bright; 34.5; 89; 5Alp Cep ; 2.45; 8000;occ; 69; 0;23913
6;-2606.5; 26-SEP-2006 16:23:00; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;23913
7;-2502.7; 26-SEP-2006 16:24:44; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;23913
8;-2138.7; 26-SEP-2006 16:30:48; Bright; 33.5; 36; 50Alp UMa ; 1.80; 6300;occ; 67; 0;23913
9;-2049.8; 26-SEP-2006 16:32:17; Bright; 33.0; 82; 48Bet UMa ; 2.37; 10600;occ; 66; 0;23913
10;-1859.3; 26-SEP-2006 16:35:27; Bright; 33.5; 174; 52Psi UMa ; 3.00; 4400;occ; 67; 0;23913
11;-1460.5; 26-SEP-2006 16:42:06; Bright; 33.0; 166; 17Eps Leo ; 2.98; 6000;occ; 66; 0;23913
12;-897.8; 26-SEP-2006 16:51:29; Dark ; 44.5; 48; 30Alp Hya ; 1.98; 4100;occ; 89; 0;23913
13;-316.5; 26-SEP-2006 17:01:10; Dark ; 44.0; 65; Lam Vel ; 2.20; 4400;occ; 88; 0;23913
14;-228.1; 26-SEP-2006 17:02:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23913
15;-118.1; 26-SEP-2006 17:04:29; Dark ; 38.5; 46; Del Vel ; 1.95; 10600;occ; 77; 0;23913
16;-23.2; 26-SEP-2006 17:06:03; Dark ; 47.5; 41; Eps Car ; 1.86; 4100;occ; 95; 0;23913
17; 706.2; 26-SEP-2006 17:18:13; Dark ; 38.5; 143; Alp Hyi ; 2.86; 7200;occ; 77; 0;23914
18; 793.7; 26-SEP-2006 17:19:40; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;23914
19; 1133.5; 26-SEP-2006 17:25:20; Dark ; 44.0; 63; Bet Gru ; 2.15; 2800;occ; 88; 0;23914
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20060926_172534_000057212051_00313_23914_0813.N1
1;-4887.9; 26-SEP-2006 17:25:34; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 28;23914
2;-4625.7; 26-SEP-2006 17:29:56; Dark ; 38.5; 18; 24Alp PsA ; 1.17; 9700;occ; 77; 0;23914
3;-4105.9; 26-SEP-2006 17:38:36; Bright; 36.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 73; 0;23914
4;-3868.9; 26-SEP-2006 17:42:33; Bright; 35.5; 90; 54Alp Peg ; 2.49; 11000;occ; 71; 0;23914
5;-3647.2; 26-SEP-2006 17:46:15; Bright; 37.0; 93; 53Bet Peg ; 2.52; 3100;occ; 74; 0;23914
6;-3047.1; 26-SEP-2006 17:56:15; Bright; 35.0; 89; 5Alp Cep ; 2.45; 8000;occ; 70; 0;23914
7;-2606.0; 26-SEP-2006 18:03:36; Bright; 52.0; 49; 1Alp UMi ; 1.99; 6300;occ; 104; 0;23914
8;-2501.9; 26-SEP-2006 18:05:20; Bright; 53.0; 60; 7Bet UMi ; 2.08; 3950;occ; 106; 0;23914
9;-2138.1; 26-SEP-2006 18:11:24; Bright; 33.5; 36; 50Alp UMa ; 1.80; 6300;occ; 67; 0;23914
10;-2048.8; 26-SEP-2006 18:12:53; Bright; 35.0; 82; 48Bet UMa ; 2.37; 10600;occ; 70; 0;23914
11;-1858.6; 26-SEP-2006 18:16:04; Bright; 34.5; 174; 52Psi UMa ; 3.00; 4400;occ; 69; 0;23914
12;-1460.0; 26-SEP-2006 18:22:42; Bright; 32.5; 166; 17Eps Leo ; 2.98; 6000;occ; 65; 0;23914

```

13;	-896.9;	26-SEP-2006	18:32:05;	Dark	;	45.5;	48;	30Alp Hya	;	1.98;	4100;occ;	91;	0;23914
14;	-315.6;	26-SEP-2006	18:41:47;	Dark	;	44.0;	65;	Lam Vel	;	2.20;	4400;occ;	88;	0;23914
15;	-227.2;	26-SEP-2006	18:43:15;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;23914
16;	-117.2;	26-SEP-2006	18:45:05;	Dark	;	37.0;	46;	Del Vel	;	1.95;	10600;occ;	74;	0;23914
17;	-22.4;	26-SEP-2006	18:46:40;	Dark	;	44.0;	41;	Eps Car	;	1.86;	4100;occ;	88;	0;23914
18;	707.2;	26-SEP-2006	18:58:49;	Dark	;	38.0;	143;	Alp Hyi	;	2.86;	7200;occ;	76;	0;23915
19;	794.6;	26-SEP-2006	19:00:17;	Dark	;	39.0;	9;	Alp Eri	;	0.45;	24000;occ;	78;	0;23915