11789 - An Astrometric Calibration of Population II Distance Indicators

Cycle: 17, Proposal Category: GO

(Large Program)

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
71	(1) XZ-CYG (2) XZ-REF3 (3) XZ-REF1 (4) XZ-REF2 (5) XZ-175 (6) XZ-359	FGS	1	04-May-2010 21:36:17.0	yes
72	(1) XZ-CYG (2) XZ-REF3 (3) XZ-REF1 (4) XZ-REF2 (5) XZ-175 (6) XZ-359	FGS	1	04-May-2010 21:36:27.0	yes
73	(1) XZ-CYG (2) XZ-REF3 (3) XZ-REF1 (5) XZ-175 (6) XZ-359	FGS	1	04-May-2010 21:36:36.0	yes
74	(1) XZ-CYG (2) XZ-REF3 (3) XZ-REF1 (4) XZ-REF2 (5) XZ-175 (6) XZ-359	FGS	1	04-May-2010 21:36:46.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
75	(1) XZ-CYG (2) XZ-REF3 (3) XZ-REF1 (4) XZ-REF2 (5) XZ-175 (6) XZ-359	FGS	1	04-May-2010 21:36:57.0	yes
81	(29) KAPPA-PAV (30) KP-430 (31) KP-440 (33) KP-REF-2 (34) KP-REF-3 (37) KP-REF-6	FGS	1	04-May-2010 21:37:07.0	yes
82	(29) KAPPA-PAV (30) KP-430 (31) KP-440 (33) KP-REF-2 (34) KP-REF-3 (36) KP-REF-5 (37) KP-REF-6	FGS	1	04-May-2010 21:37:20.0	yes
83	(29) KAPPA-PAV (31) KP-440 (33) KP-REF-2 (34) KP-REF-3 (36) KP-REF-5 (37) KP-REF-6	FGS	1	04-May-2010 21:37:31.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
84	(29) KAPPA-PAV (30) KP-430 (31) KP-440 (33) KP-REF-2 (34) KP-REF-3 (36) KP-REF-5 (37) KP-REF-6	FGS	1	04-May-2010 21:37:43.0	yes
85	(29) KAPPA-PAV (30) KP-430 (31) KP-440 (33) KP-REF-2 (34) KP-REF-3	FGS	1	04-May-2010 21:37:55.0	yes
91	(16) RZ-CEP (17) RZ-REF2 (18) RZ-REF3 (19) RZ-REF4 (20) RZ-REF5 (21) RZ-REF6 (22) RZ-164	FGS	1	04-May-2010 21:38:06.0	yes
92	(16) RZ-CEP (17) RZ-REF2 (18) RZ-REF3 (19) RZ-REF4 (20) RZ-REF5 (21) RZ-REF6 (22) RZ-164	FGS	1	04-May-2010 21:38:18.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
93	(16) RZ-CEP (17) RZ-REF2 (18) RZ-REF3 (19) RZ-REF4 (20) RZ-REF5 (21) RZ-REF6 (22) RZ-164	FGS	1	04-May-2010 21:38:26.0	yes
94	(16) RZ-CEP (17) RZ-REF2 (18) RZ-REF3 (19) RZ-REF4 (20) RZ-REF5 (21) RZ-REF6 (22) RZ-164	FGS	1	04-May-2010 21:38:35.0	yes
95	(16) RZ-CEP (17) RZ-REF2 (18) RZ-REF3 (19) RZ-REF4 (20) RZ-REF5 (21) RZ-REF6 (22) RZ-164	FGS	1	04-May-2010 21:38:48.0	yes
0A	(23) SU-DRA (24) SU-REF1 (25) SU-155 (26) SU-65 (27) SU-192	FGS	1	04-May-2010 21:39:00.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
0B	(23) SU-DRA (24) SU-REF1 (25) SU-155 (26) SU-65 (27) SU-192 (28) SU-194	FGS	1	04-May-2010 21:39:06.0	yes
0C	(23) SU-DRA (24) SU-REF1 (25) SU-155 (26) SU-65 (27) SU-192 (28) SU-194	FGS	1	04-May-2010 21:39:13.0	yes
9C	(23) SU-DRA (24) SU-REF1 (25) SU-155 (26) SU-65 (27) SU-192	FGS	1	04-May-2010 21:39:20.0	yes
0D	(23) SU-DRA (24) SU-REF1 (25) SU-155 (26) SU-65 (27) SU-192	FGS	1	04-May-2010 21:39:26.0	yes
5D	(23) SU-DRA (24) SU-REF1 (25) SU-155 (26) SU-65 (27) SU-192	FGS	1	04-May-2010 21:39:31.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
0E	(23) SU-DRA (24) SU-REF1 (25) SU-155 (26) SU-65 (27) SU-192	FGS	1	04-May-2010 21:39:37.0	yes
1A	(8) UV-OCT (9) UV-REF1 (10) UV-REF2 (11) UV-REF3 (12) UV-REF4 (13) UV-403	FGS	1	04-May-2010 21:39:43.0	yes
1B	(8) UV-OCT (9) UV-REF1 (10) UV-REF2 (11) UV-REF3 (12) UV-REF4 (13) UV-403	FGS	1	04-May-2010 21:39:49.0	yes
1C	(8) UV-OCT (9) UV-REF1 (10) UV-REF2 (11) UV-REF3 (12) UV-REF4 (13) UV-403	FGS	1	04-May-2010 21:39:55.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
1D	(8) UV-OCT (9) UV-REF1 (10) UV-REF2 (11) UV-REF3 (12) UV-REF4 (13) UV-403	FGS	1	04-May-2010 21:40:05.0	yes
1E	(8) UV-OCT (9) UV-REF1 (10) UV-REF2 (11) UV-REF3 (12) UV-REF4 (13) UV-403	FGS	1	04-May-2010 21:40:12.0	yes
2A	(38) VY-PYX (39) VY-REF-2 (40) VY-REF-3 (41) VY-REF-4 (42) VY-REF-5 (43) VY-REF-6	FGS	1	04-May-2010 21:40:18.0	yes
2B	(38) VY-PYX (39) VY-REF-2 (40) VY-REF-3 (41) VY-REF-4 (42) VY-REF-5 (43) VY-REF-6	FGS	1	04-May-2010 21:40:24.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
2C	(38) VY-PYX (39) VY-REF-2 (40) VY-REF-3 (41) VY-REF-4 (42) VY-REF-5 (43) VY-REF-6	FGS	1	04-May-2010 21:40:31.0	yes
2D	(38) VY-PYX (39) VY-REF-2 (40) VY-REF-3 (41) VY-REF-4 (42) VY-REF-5 (43) VY-REF-6	FGS	1	04-May-2010 21:40:37.0	yes
2E	(38) VY-PYX (39) VY-REF-2 (40) VY-REF-3 (41) VY-REF-4 (42) VY-REF-5 (43) VY-REF-6	FGS	1	04-May-2010 21:40:43.0	yes
2F	(38) VY-PYX (39) VY-REF-2 (40) VY-REF-3 (41) VY-REF-4 (42) VY-REF-5 (43) VY-REF-6	FGS	1	04-May-2010 21:40:50.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
2G	(38) VY-PYX (39) VY-REF-2 (40) VY-REF-3 (41) VY-REF-4 (42) VY-REF-5 (43) VY-REF-6	FGS	1	04-May-2010 21:40:56.0	yes
2H	(38) VY-PYX (39) VY-REF-2 (40) VY-REF-3 (41) VY-REF-4 (42) VY-REF-5 (43) VY-REF-6	FGS	1	04-May-2010 21:41:05.0	yes

35 Total Orbits Used

ABSTRACT

In 2002 HST produced a highly precise parallax for RR Lyrae. That measurement resulted in an absolute magnitude, M(V)= 0.61+/-0.11, a useful result, judged by the over ten refereed citations each year since. It is, however, unsatisfactory to have the direct, parallax-based, distance scale of Population II variables based on a single star. We propose, therefore, to obtain the parallaxes of four additional RR Lyrae stars and two Population II Cepheids, or W Vir stars. The Population II Cepheids lie with the RR Lyrae stars on a common K-band Period-Luminosity relation. Using these parallaxes to inform that relationship, we anticipate a zero-point error of 0.04 magnitude. This result should greatly strengthen confidence in the Population II distance scale and increase our understanding of RR Lyrae star and Pop II Cepheid astrophysics.

OBSERVING DESCRIPTION

For this proposed study we will obtain 15 orbits of astrometric data with FGS 1r for each RRL, kappa Pav, and associated reference stars, and 25 orbits for VY Pyx, all spread over 2 years. Given 2-gyro pointing restrictions, it may not always be possible to sample the parallactic ellipse at times of maximum parallax factor. The ecliptic latitude of most of these targets renders their parallactic ellipse rather round, increasing the value of uniform sampling over the times of the year when available. Essentially, we obtain parallax information at every epoch. We are in essence sampling the perturbation orbit of the Earth, an orbit whose shape is known with almost infinite precision from the various JPL ephemerides.
Each of the orbits will include 3-4 measures of the primary target and several measures of each reference star, completely filling the 40-50 minute visibility period.

Each visit will include multiple POS mode (fringe tracking) observations of the prime science target RLL and kappa Pav and from 5 to 10 astrometric reference stars. The first observation set for each target will include fringe scans (TRANS mode) of each RRL and Pop II Cepheid to assess the magnitude of any companion effects on fringe tracking (POS mode) measurements and on eventual absolute magnitude, M$_V$ and M$_K$ determinations.
Should previously unseen companions be detected, each subsequent observation sequence would include fringe scans with which to correct both position and measured Pop II science target magnitude.

Co-Is will obtain classification spectra and BVRI photometry for all reference stars and Washington-DDO photometry to confirm reference stars luminosity class. We essentially model a volume of space when carrying out this astrometry. The more prior information we have about our reference frame, the more accurate our final result.

Visit

Proposal 11789, Visit 71, completed Wed May 05 01:41:13 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: FGS

Special Requirements: PCS MODE FINE; GYRO MODE 2G; SCHED 30%; ORIENT 70D TO 74 D; BETWEEN 11-NOV-2008:00:00:00 AND 14-NOV-2008:00:00:00

Comments: XZ Cyg

Diagnostics

(Visit 71) Warning (Form): Gyro Mode overrides default value of 3GOBAD.

Fixed Targets

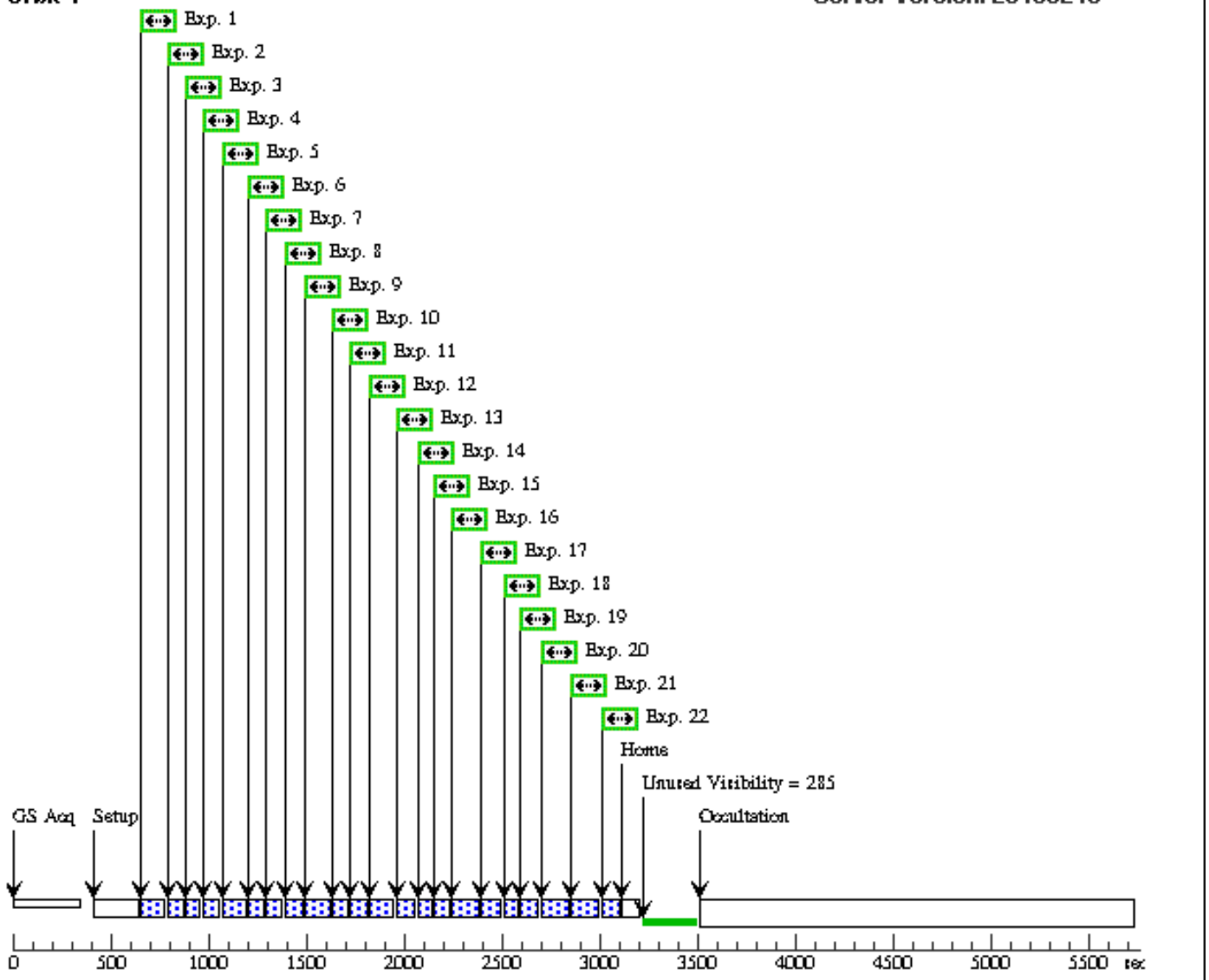
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	XZ-CYG	RA: 19 32 29.3055 (293.1221062d) Dec: +56 23 17.50 (56.38819d) Equinox: J2000	Proper Motion RA: 0.01006s/yr Proper Motion Dec: -0.0242"/yr Epoch of Position: 2000.0	V=9.68+/-0.5	Reference Frame: ICRS
(2)	XZ-REF3	RA: 19 32 37.7300 (293.1572083d) Dec: +56 23 20.90 (56.38914d) Equinox: J2000		V=14.8+/-0.2	Reference Frame: ICRS
(3)	XZ-REF1	RA: 19 32 17.0613 (293.0710888d) Dec: +56 22 17.14 (56.37143d) Equinox: J2000		V=14.7+/-0.2	Reference Frame: ICRS
(4)	XZ-REF2 Alt Name1: BINARY-Q	RA: 19 32 20.7367 (293.0864029d) Dec: +56 20 50.36 (56.34732d) Equinox: J2000		V=12.8+/-0.2	Reference Frame: ICRS
(5)	XZ-175	RA: 19 32 33.1300 (293.1380417d) Dec: +56 23 29.07 (56.39141d) Equinox: J2000		V=13.5+/-0.5	Reference Frame: ICRS
(6)	XZ-359	RA: 19 32 24.9993 (293.1041638d) Dec: +56 24 42.84 (56.41190d) Equinox: J2000		V=12.59+/-0.2	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	XZ Cyg	(1) XZ-CYG	FGS, POS, 1	F583W		SAME POS AS 8; GS ACQ SCENARIO BASE1T3	Sequence 1-22 Non-Int	40.0 Secs *[==>40.0 Secs]*	 ***[1]***
2	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-22 Non-Int	20.0 Secs *[==>23.0 Secs]*	 ***[1]***
3	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-22 Non-Int	20.0 Secs *[==>23.0 Secs]*	 ***[1]***
4	XZ Cyg	(1) XZ-CYG	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-22 Non-Int	40.0 Secs *[==>40.0 Secs]*	 ***[1]***
5	ref-3	(2) XZ-REF3	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-22 Non-Int	40.0 Secs *[==>43.0 Secs]*	 ***[1]***
6	ref-359	(6) XZ-359	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-22 Non-Int	20.0 Secs *[==>23.0 Secs]*	 ***[1]***
7	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-22 Non-Int	20.0 Secs *[==>23.0 Secs]*	 ***[1]***
8	XZ CYG	(1) XZ-CYG	FGS, POS, 1	F583W		POS TARG 89.6,-3.4	Sequence 1-22 Non-Int	40.0 Secs *[==>43.0 Secs]*	 ***[1]***
9	ref-1	(3) XZ-REF1	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-22 Non-Int	50.0 Secs *[==>53.0 Secs]*	 ***[1]***
10	ref-2	(4) XZ-REF2	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-22 Non-Int	20.0 Secs *[==>23.0 Secs]*	 ***[1]***
11	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-22 Non-Int	20.0 Secs *[==>23.0 Secs]*	 ***[1]***
12	ref-3	(2) XZ-REF3	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-22 Non-Int	40.0 Secs *[==>43.0 Secs]*	 ***[1]***
13	XZ CYG	(1) XZ-CYG	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-22 Non-Int	40.0 Secs *[==>43.0 Secs]*	 ***[1]***
14	ref-359	(6) XZ-359	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-22 Non-Int	20.0 Secs *[==>23.0 Secs]*	 ***[1]***
15	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-22 Non-Int	20.0 Secs *[==>23.0 Secs]*	 ***[1]***
16	ref-1	(3) XZ-REF1	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-22 Non-Int	50.0 Secs *[==>53.0 Secs]*	 ***[1]***
17	XZ Cyg	(1) XZ-CYG	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-22 Non-Int	40.0 Secs *[==>43.0 Secs]*	 ***[1]***
18	ref-2	(4) XZ-REF2	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-22 Non-Int	20.0 Secs *[==>23.0 Secs]*	 ***[1]***

	19	ref-175	(5) XZ-175	FGS, POS, 1	F583W	SAME POS AS 8	Sequence 1-22 Non-Int	20.0 Secs	
								[==>23.0 Secs]	***[1]***
	20	ref-1	(3) XZ-REF1	FGS, POS, 1	F583W	SAME POS AS 8	Sequence 1-22 Non-Int	50.0 Secs	
								[==>53.0 Secs]	***[1]***
	21	ref-3	(2) XZ-REF3	FGS, POS, 1	F583W	SAME POS AS 8	Sequence 1-22 Non-Int	40.0 Secs	
								[==>43.0 Secs]	***[1]***
	22	XZ CYG	(1) XZ-CYG	FGS, POS, 1	F583W	SAME POS AS 8	Sequence 1-22 Non-Int	40.0 Secs	
								[==>43.0 Secs]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 72, completed Wed May 05 01:41:15 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: PCS MODE FINE; SCHED 30%; ORIENT 28D TO 36 D; BETWEEN 11-DEC-2009:00:00:00 AND 14-DEC-2009:00:00:00

Comments: XZ Cyg

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	XZ-CYG	RA: 19 32 29.3055 (293.1221062d) Dec: +56 23 17.50 (56.38819d) Equinox: J2000	Proper Motion RA: 0.01006s/yr Proper Motion Dec: -0.0242"/yr Epoch of Position: 2000.0	V=9.68+/-0.5	Reference Frame: ICRS
(2)	XZ-REF3	RA: 19 32 37.7300 (293.1572083d) Dec: +56 23 20.90 (56.38914d) Equinox: J2000		V=14.8+/-0.2	Reference Frame: ICRS
(3)	XZ-REF1	RA: 19 32 17.0613 (293.0710888d) Dec: +56 22 17.14 (56.37143d) Equinox: J2000		V=14.7+/-0.2	Reference Frame: ICRS
(4)	XZ-REF2 Alt Name1: BINARY-Q	RA: 19 32 20.7367 (293.0864029d) Dec: +56 20 50.36 (56.34732d) Equinox: J2000		V=12.8+/-0.2	Reference Frame: ICRS
(5)	XZ-175	RA: 19 32 33.1300 (293.1380417d) Dec: +56 23 29.07 (56.39141d) Equinox: J2000		V=13.5+/-0.5	Reference Frame: ICRS
(6)	XZ-359	RA: 19 32 24.9993 (293.1041638d) Dec: +56 24 42.84 (56.41190d) Equinox: J2000		V=12.59+/-0.2	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	XZ Cyg	(1) XZ-CYG	FGS, POS, 1	F583W		SAME POS AS 8; GS ACQ SCENARIO BASE1B3	Sequence 1-23 Non-Int	40.0 Secs *[==>]*	 ***[1]***
2	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
3	XZ Cyg	(1) XZ-CYG	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-23 Non-Int	40.0 Secs *[==>]*	 ***[1]***
4	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
5	ref-3	(2) XZ-REF3	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-23 Non-Int	40.0 Secs *[==>]*	 ***[1]***
6	ref-359	(6) XZ-359	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
7	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
8	XZ CYG	(1) XZ-CYG	FGS, POS, 1	F583W		POS TARG 0,0	Sequence 1-23 Non-Int	40.0 Secs *[==>]*	 ***[1]***
9	ref-1	(3) XZ-REF1	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-23 Non-Int	50.0 Secs *[==>]*	 ***[1]***
10	ref-2	(4) XZ-REF2	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
11	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
12	ref-3	(2) XZ-REF3	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-23 Non-Int	40.0 Secs *[==>]*	 ***[1]***
13	XZ CYG	(1) XZ-CYG	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-23 Non-Int	40.0 Secs *[==>]*	 ***[1]***
14	ref-359	(6) XZ-359	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
15	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
16	ref-1	(3) XZ-REF1	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-23 Non-Int	50.0 Secs *[==>]*	 ***[1]***
17	XZ Cyg	(1) XZ-CYG	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-23 Non-Int	40.0 Secs *[==>]*	 ***[1]***
18	ref-2	(4) XZ-REF2	FGS, POS, 1	F583W		SAME POS AS 8	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***

	19	ref-3	(2) XZ-REF3	FGS, POS, 1	F583W	SAME POS AS 8	Sequence 1-23 Non-Int	40.0 Secs
								[==>]
	20	ref-359	(6) XZ-359	FGS, POS, 1	F583W	SAME POS AS 8	Sequence 1-23 Non-Int	20.0 Secs
								[==>]
	21	ref-1	(3) XZ-REF1	FGS, POS, 1	F583W	SAME POS AS 8	Sequence 1-23 Non-Int	50.0 Secs
								[==>]
	22	ref-175	(5) XZ-175	FGS, POS, 1	F583W	SAME POS AS 8	Sequence 1-23 Non-Int	20.0 Secs
								[==>]
	23	XZ CYG	(1) XZ-CYG	FGS, POS, 1	F583W	SAME POS AS 8	Sequence 1-23 Non-Int	40.0 Secs
								[==>]

[1]	
[1]	
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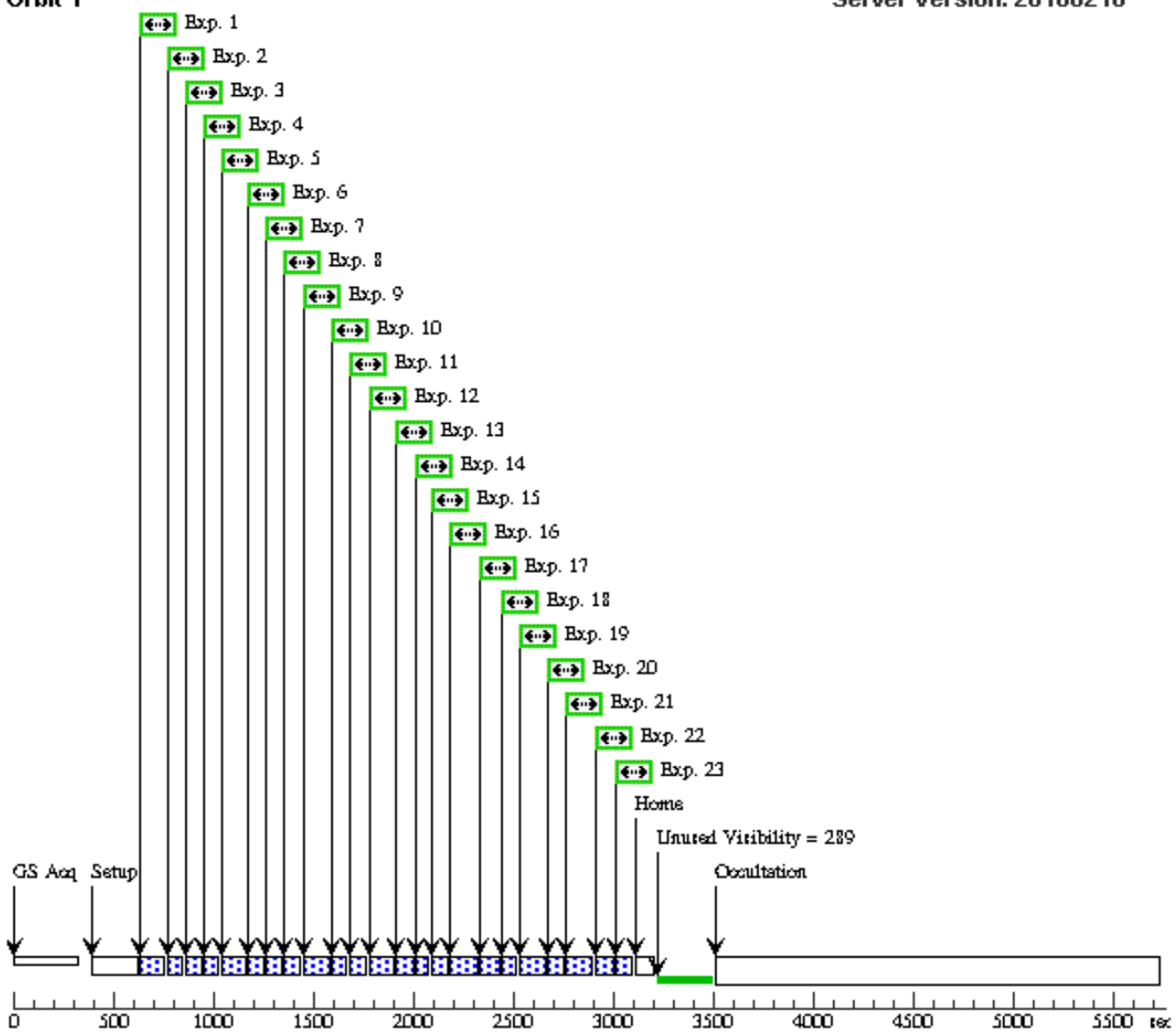
[1]	

Orbit Structure



Visit

Proposal 11789, Visit 73, completed Wed May 05 01:41:16 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: FGS

Special Requirements: PCS MODE FINE; GYRO MODE 2G; SCHED 30%; ORIENT 238D TO 258 D; BETWEEN 01-MAY-2009:00:00:00 AND 06-MAY-2009:00:00:00

Comments: XZ Cyg

Diagnostics

(Visit 73) Warning (Form): Gyro Mode overrides default value of 3GOBAD.

Fixed Targets

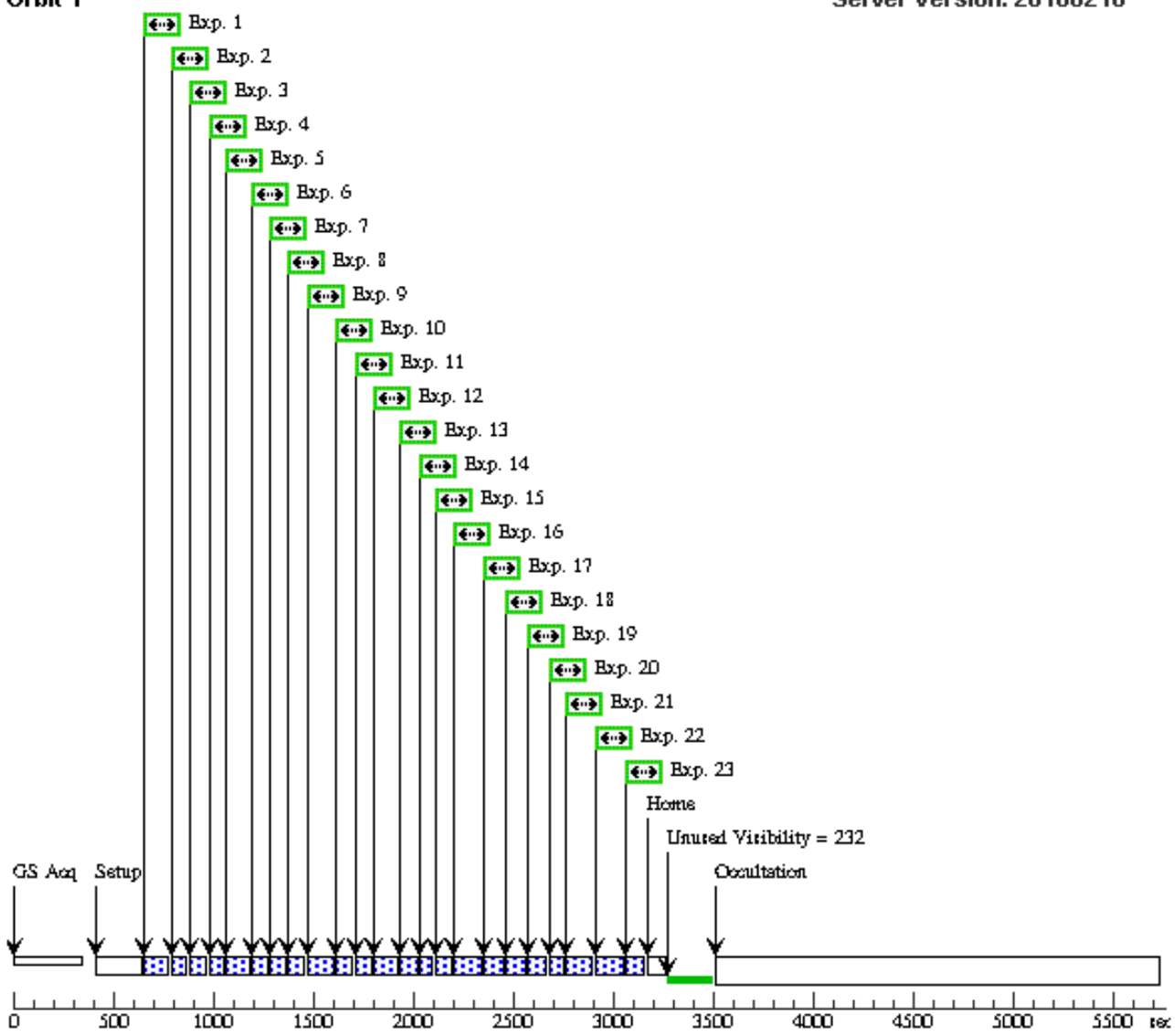
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	XZ-CYG	RA: 19 32 29.3055 (293.1221062d) Dec: +56 23 17.50 (56.38819d) Equinox: J2000	Proper Motion RA: 0.01006s/yr Proper Motion Dec: -0.0242"/yr Epoch of Position: 2000.0	V=9.68+/-0.5	Reference Frame: ICRS
(2)	XZ-REF3	RA: 19 32 37.7300 (293.1572083d) Dec: +56 23 20.90 (56.38914d) Equinox: J2000		V=14.8+/-0.2	Reference Frame: ICRS
(3)	XZ-REF1	RA: 19 32 17.0613 (293.0710888d) Dec: +56 22 17.14 (56.37143d) Equinox: J2000		V=14.7+/-0.2	Reference Frame: ICRS
(5)	XZ-175	RA: 19 32 33.1300 (293.1380417d) Dec: +56 23 29.07 (56.39141d) Equinox: J2000		V=13.5+/-0.5	Reference Frame: ICRS
(6)	XZ-359	RA: 19 32 24.9993 (293.1041638d) Dec: +56 24 42.84 (56.41190d) Equinox: J2000		V=12.59+/-0.2	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	XZ Cyg	(1) XZ-CYG	FGS, POS, 1	F583W		POS TARG -20.8,4.6; GS ACQ SCENARIO BASE1T3	Sequence 1-23 Non-Int	40.0 Secs *[==>]*	 ***[1]***
2	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
3	XZ Cyg	(1) XZ-CYG	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs *[==>]*	 ***[1]***
4	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
5	ref-3	(2) XZ-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs *[==>]*	 ***[1]***
6	ref-359	(6) XZ-359	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
7	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
8	XZ CYG	(1) XZ-CYG	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs *[==>]*	 ***[1]***
9	ref-1	(3) XZ-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	50.0 Secs *[==>]*	 ***[1]***
10	ref-359	(6) XZ-359	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
11	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
12	ref-3	(2) XZ-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs *[==>]*	 ***[1]***
13	XZ CYG	(1) XZ-CYG	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs *[==>]*	 ***[1]***
14	ref-359	(6) XZ-359	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
15	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
16	ref-1	(3) XZ-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	50.0 Secs *[==>]*	 ***[1]***
17	XZ Cyg	(1) XZ-CYG	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs *[==>]*	 ***[1]***
18	ref-1	(3) XZ-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***

	19	ref-175	(5) XZ-175	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs	
								[==>]	***[1]***
	20	ref-359	(6) XZ-359	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs	
								[==>]	***[1]***
	21	ref-1	(3) XZ-REF1	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-23 Non-Int	50.0 Secs	
								[==>]	***[1]***
	22	ref-3	(2) XZ-REF3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs	
								[==>]	***[1]***
	23	XZ CYG	(1) XZ-CYG	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 74, scheduling Wed May 05 01:41:17 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: SCHED 30%; ORIENT 213D TO 238 D; BETWEEN 24-MAY-2010:00:00:00 AND 26-MAY-2010:00:00:00

Comments: XZ Cyg

Fixed Targets

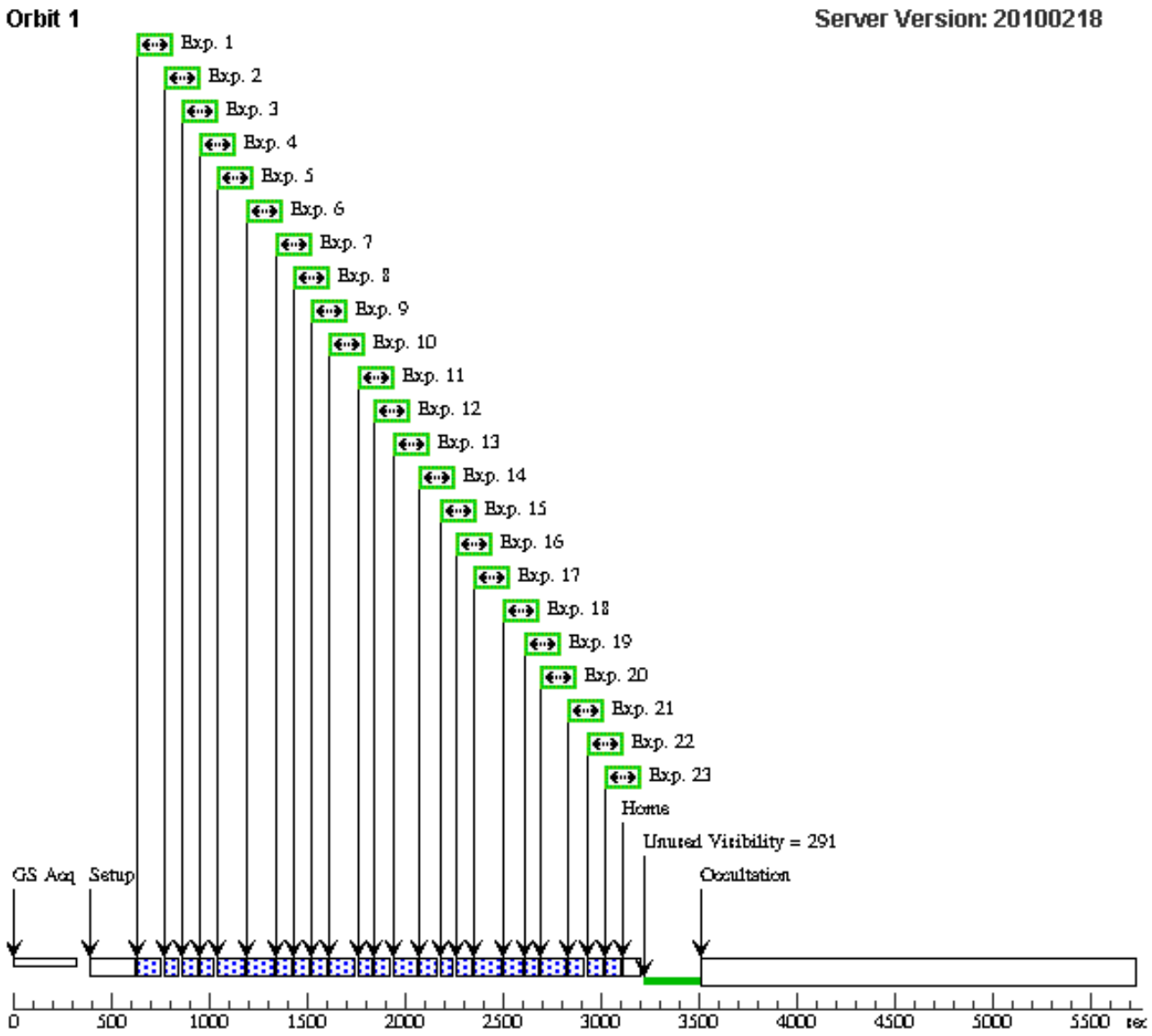
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	XZ-CYG	RA: 19 32 29.3055 (293.1221062d) Dec: +56 23 17.50 (56.38819d) Equinox: J2000	Proper Motion RA: 0.01006s/yr Proper Motion Dec: -0.0242"/yr Epoch of Position: 2000.0	V=9.68+/-0.5	Reference Frame: ICRS
(2)	XZ-REF3	RA: 19 32 37.7300 (293.1572083d) Dec: +56 23 20.90 (56.38914d) Equinox: J2000		V=14.8+/-0.2	Reference Frame: ICRS
(3)	XZ-REF1	RA: 19 32 17.0613 (293.0710888d) Dec: +56 22 17.14 (56.37143d) Equinox: J2000		V=14.7+/-0.2	Reference Frame: ICRS
(4)	XZ-REF2 Alt Name1: BINARY-Q	RA: 19 32 20.7367 (293.0864029d) Dec: +56 20 50.36 (56.34732d) Equinox: J2000		V=12.8+/-0.2	Reference Frame: ICRS
(5)	XZ-175	RA: 19 32 33.1300 (293.1380417d) Dec: +56 23 29.07 (56.39141d) Equinox: J2000		V=13.5+/-0.5	Reference Frame: ICRS
(6)	XZ-359	RA: 19 32 24.9993 (293.1041638d) Dec: +56 24 42.84 (56.41190d) Equinox: J2000		V=12.59+/-0.2	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	XZ Cyg	(1) XZ-CYG	FGS, POS, 1	F583W		POS TARG 5.4,-6.0; GS ACQ SCENARIO BASE1B3	Sequence 1-23 Non-Int	40.0 Secs *[==>]*	 ***[1]***
2	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
3	XZ Cyg	(1) XZ-CYG	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs *[==>]*	 ***[1]***
4	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
5	ref-1	(3) XZ-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	50.0 Secs *[==>]*	 ***[1]***
6	ref-3	(2) XZ-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs *[==>]*	 ***[1]***
7	ref-359	(6) XZ-359	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
8	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
9	XZ CYG	(1) XZ-CYG	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	35.0 Secs *[==>]*	 ***[1]***
10	ref-1	(3) XZ-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	50.0 Secs *[==>]*	 ***[1]***
11	ref-2	(4) XZ-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
12	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
13	ref-3	(2) XZ-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs *[==>]*	 ***[1]***
14	XZ CYG	(1) XZ-CYG	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs *[==>]*	 ***[1]***
15	ref-359	(6) XZ-359	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
16	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>]*	 ***[1]***
17	ref-1	(3) XZ-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	50.0 Secs *[==>]*	 ***[1]***
18	XZ Cyg	(1) XZ-CYG	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs *[==>]*	 ***[1]***

	19	ref-2	(4) XZ-REF2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs	
								[==>]	***[1]***
	20	ref-3	(2) XZ-REF3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs	
								[==>]	***[1]***
	21	ref-359	(6) XZ-359	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs	
								[==>]	***[1]***
	22	ref-175	(5) XZ-175	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs	
								[==>]	***[1]***
	23	XZ Cyg	(1) XZ-CYG	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-23 Non-Int	35.0 Secs	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 75, completed Wed May 05 01:41:18 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: SCHED 30%; ORIENT 193D TO 228 D; BETWEEN 15-JUN-2009:00:00:00 AND 20-JUN-2009:00:00:00

Comments: XZ Cyg

Fixed Targets

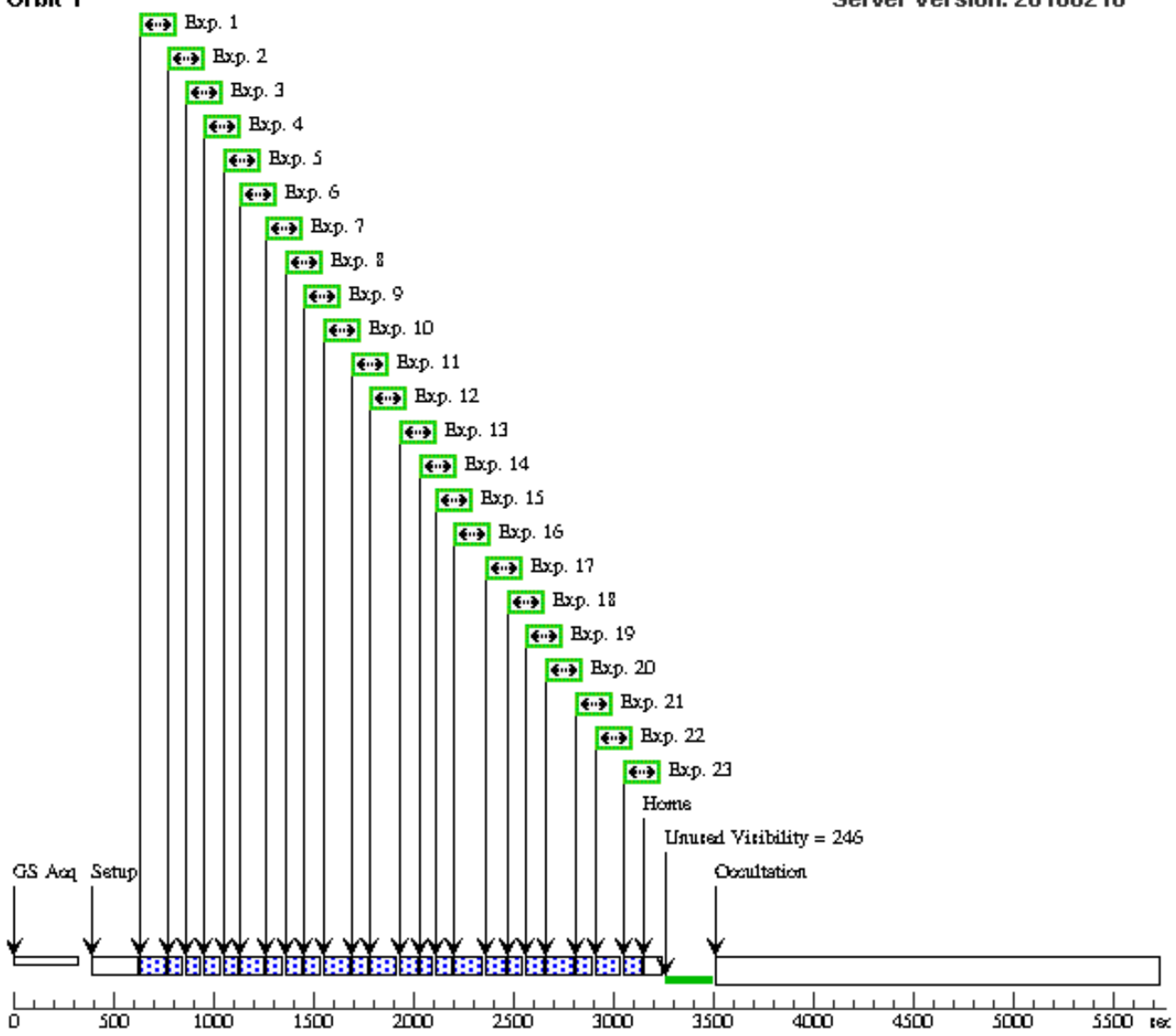
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	XZ-CYG	RA: 19 32 29.3055 (293.1221062d) Dec: +56 23 17.50 (56.38819d) Equinox: J2000	Proper Motion RA: 0.01006s/yr Proper Motion Dec: -0.0242"/yr Epoch of Position: 2000.0	V=9.68+/-0.5	Reference Frame: ICRS
(2)	XZ-REF3	RA: 19 32 37.7300 (293.1572083d) Dec: +56 23 20.90 (56.38914d) Equinox: J2000		V=14.8+/-0.2	Reference Frame: ICRS
(3)	XZ-REF1	RA: 19 32 17.0613 (293.0710888d) Dec: +56 22 17.14 (56.37143d) Equinox: J2000		V=14.7+/-0.2	Reference Frame: ICRS
(4)	XZ-REF2 Alt Name1: BINARY-Q	RA: 19 32 20.7367 (293.0864029d) Dec: +56 20 50.36 (56.34732d) Equinox: J2000		V=12.8+/-0.2	Reference Frame: ICRS
(5)	XZ-175	RA: 19 32 33.1300 (293.1380417d) Dec: +56 23 29.07 (56.39141d) Equinox: J2000		V=13.5+/-0.5	Reference Frame: ICRS
(6)	XZ-359	RA: 19 32 24.9993 (293.1041638d) Dec: +56 24 42.84 (56.41190d) Equinox: J2000		V=12.59+/-0.2	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	XZ Cyg	(1) XZ-CYG	FGS, POS, 1	F583W		POS TARG 0,0; GS ACQ SCENARIO BASE1B3	Sequence 1-23 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
2	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
3	ref-359	(6) XZ-359	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
4	XZ Cyg	(1) XZ-CYG	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
5	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
6	ref-3	(2) XZ-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
7	ref-359	(6) XZ-359	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
8	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
9	XZ CYG	(1) XZ-CYG	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
10	ref-1	(3) XZ-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	50.0 Secs *[==>52.0 Secs]*	 ***[1]***
11	ref-2	(4) XZ-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
12	ref-3	(2) XZ-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
13	XZ CYG	(1) XZ-CYG	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
14	ref-359	(6) XZ-359	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
15	ref-175	(5) XZ-175	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
16	ref-1	(3) XZ-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	50.0 Secs *[==>52.0 Secs]*	 ***[1]***
17	XZ Cyg	(1) XZ-CYG	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
18	ref-2	(4) XZ-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***

	19	ref-175	(5) XZ-175	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs	
								[==>22.0 Secs]	***[1]***
	20	ref-1	(3) XZ-REF1	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-23 Non-Int	50.0 Secs	
								[==>52.0 Secs]	***[1]***
	21	ref-359	(6) XZ-359	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-23 Non-Int	20.0 Secs	
								[==>22.0 Secs]	***[1]***
	22	ref-3	(2) XZ-REF3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs	
								[==>42.0 Secs]	***[1]***
	23	XZ CYG	(1) XZ-CYG	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-23 Non-Int	40.0 Secs	
								[==>42.0 Secs]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 81, completed Wed May 05 01:41:18 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: FGS

Special Requirements: PCS MODE FINE; GYRO MODE 2G; CVZ; ORIENT 91D TO 92.5 D; BETWEEN 20-OCT-2008:00:00:00 AND 28-OCT-2008:00:00:00

Comments: kappa Pavonis

Diagnostics

(Visit 81) Warning (Form): Gyro Mode overrides default value of 3GOBAD.

Fixed Targets

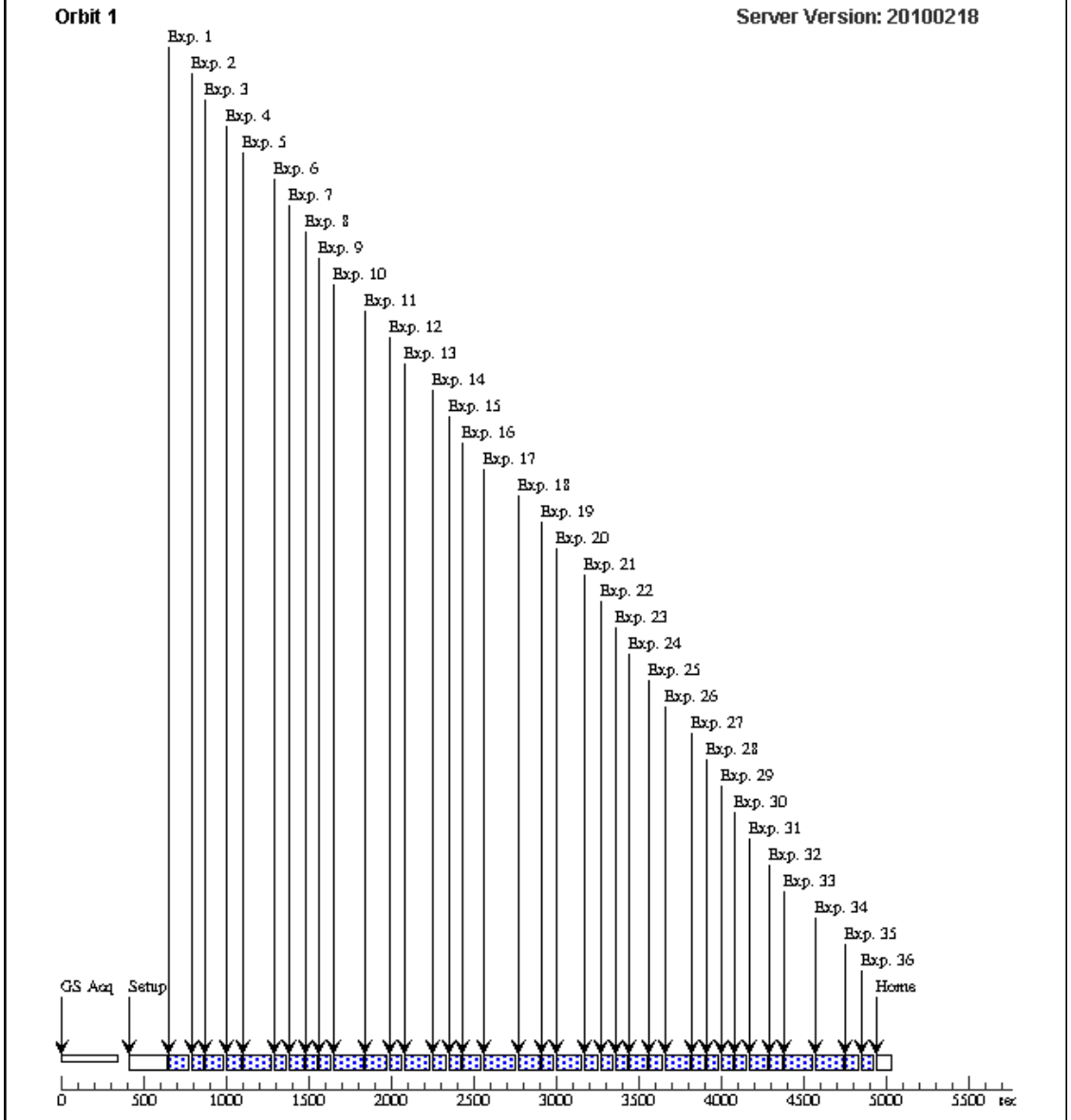
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(29)	KAPPA-PAV	RA: 18 56 57.0289 (284.2376204d) Dec: -67 14 0.58 (-67.23349d) Equinox: J2000	Proper Motion RA: -0.00135s/yr Proper Motion Dec: 0.01665"/yr Epoch of Position: 2000.0	V=3.92+/-0.05	Reference Frame: ICRS
(30)	KP-430	RA: 18 57 19.6632 (284.3319300d) Dec: -67 12 54.86 (-67.21524d) Equinox: J2000		V=12.5+/-0.1	Reference Frame: ICRS
(31)	KP-440	RA: 18 56 46.6800 (284.1945000d) Dec: -67 12 27.50 (-67.20764d) Equinox: J2000		V=12.68+/-0.1	Reference Frame: ICRS
(33)	KP-REF-2	RA: 18 56 44.9770 (284.1874042d) Dec: -67 15 13.16 (-67.25366d) Equinox: J2000		V=14.01+/-0.1	Reference Frame: ICRS
(34)	KP-REF-3	RA: 18 57 13.5554 (284.3064808d) Dec: -67 13 13.88 (-67.22052d) Equinox: J2000		V=15.6+/-0.1	Reference Frame: ICRS
(37)	KP-REF-6	RA: 18 57 5.6624 (284.2735933d) Dec: -67 11 53.12 (-67.19809d) Equinox: J2000		V=15.2+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND		POS TARG 27.3,-32.0; GS ACQ SCENARIO BASE1T3	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
2	KP-440	(31) KP-440	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs *[==>]*	 ***[1]***
3	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
4	KP-440	(31) KP-440	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs *[==>]*	 ***[1]***
5	KP-ref-6	(37) KP-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs *[==>]*	 ***[1]***
6	KP-430	(30) KP-430	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	10.0 Secs *[==>]*	 ***[1]***
7	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND		POS TARG 27.3,-32.0	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
8	KP-440	(31) KP-440	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs *[==>]*	 ***[1]***
9	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs *[==>]*	 ***[1]***
10	KP-ref-3	(34) KP-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs *[==>]*	 ***[1]***
11	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
12	KP-430	(30) KP-430	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	10.0 Secs *[==>]*	 ***[1]***
13	KP-ref-6	(37) KP-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
14	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs *[==>]*	 ***[1]***
15	KP-440	(31) KP-440	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs *[==>]*	 ***[1]***
16	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
17	KP-ref-3	(34) KP-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs *[==>]*	 ***[1]***
18	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***

	19	KP-430	(30) KP-430	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	10.0 Secs	
								[==>]	***[1]***
	20	KP-ref-6	(37) KP-REF-6	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	21	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs	
								[==>]	***[1]***
	22	KP-440	(31) KP-440	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
	23	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs	
								[==>]	***[1]***
	24	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	25	KP-430	(30) KP-430	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	10.0 Secs	
								[==>]	***[1]***
	26	KP-ref-3	(34) KP-REF-3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	27	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs	
								[==>]	***[1]***
	28	KP-440	(31) KP-440	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
	29	KP-430	(30) KP-430	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	10.0 Secs	
								[==>]	***[1]***
	30	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs	
								[==>]	***[1]***
	31	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	32	KP-430	(30) KP-430	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	10.0 Secs	
								[==>]	***[1]***
	33	KP-ref-6	(37) KP-REF-6	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
	34	KP-ref-3	(34) KP-REF-3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	35	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs	
								[==>]	***[1]***
	36	KP-440	(31) KP-440	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 82, completed Wed May 05 01:41:19 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: FGS

Special Requirements: PCS MODE FINE; GYRO MODE 2G; CVZ; ORIENT 220D TO 230 D; BETWEEN 11-FEB-2009:00:00:00 AND 19-FEB-2009:00:00:00

Comments: kappa Pavonis

Diagnostics

(Visit 82) Warning (Form): Gyro Mode overrides default value of 3GOBAD.

Fixed Targets

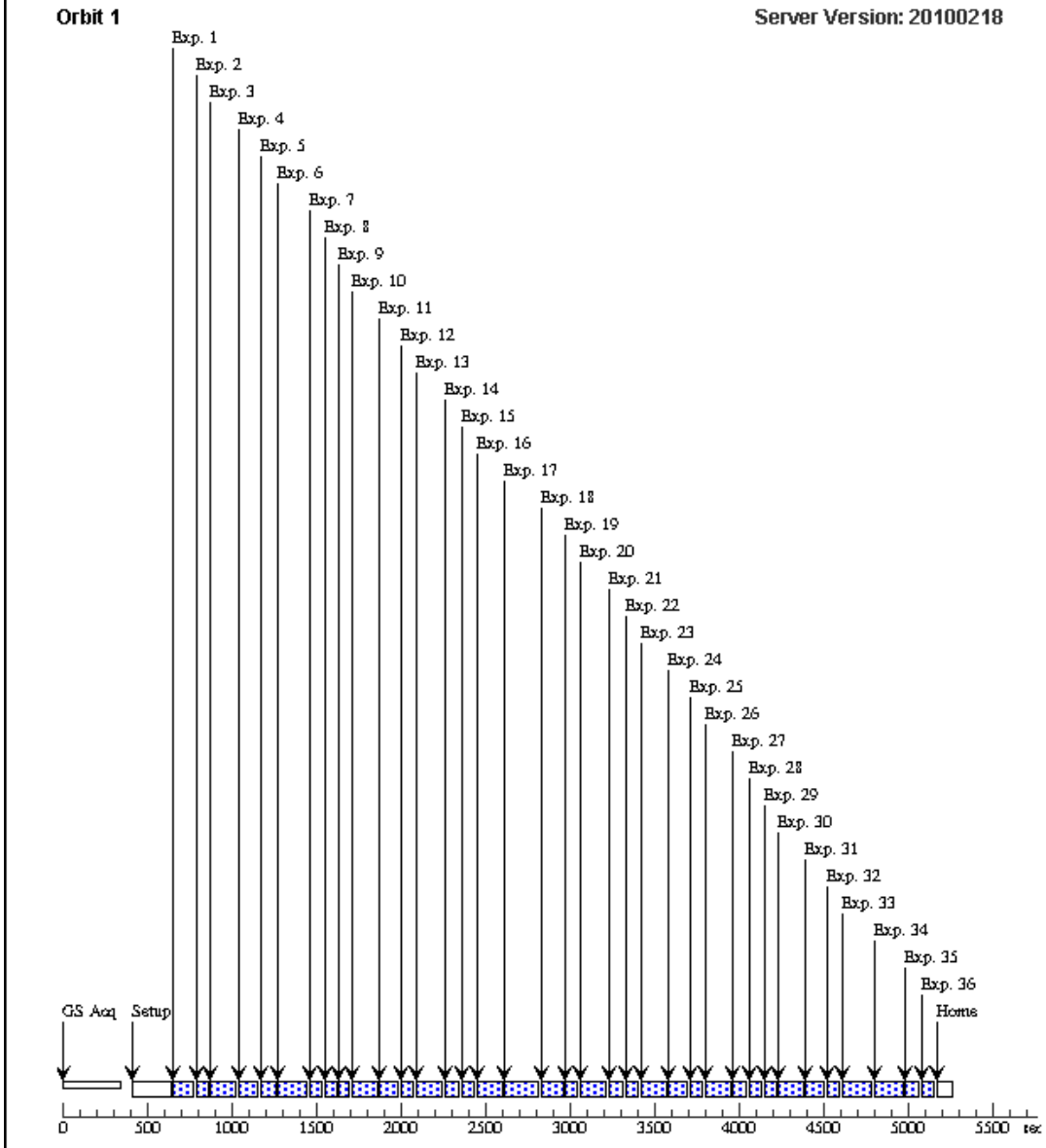
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(29)	KAPPA-PAV	RA: 18 56 57.0289 (284.2376204d) Dec: -67 14 0.58 (-67.23349d) Equinox: J2000	Proper Motion RA: -0.00135s/yr Proper Motion Dec: 0.01665"/yr Epoch of Position: 2000.0	V=3.92+/-0.05	Reference Frame: ICRS
(30)	KP-430	RA: 18 57 19.6632 (284.3319300d) Dec: -67 12 54.86 (-67.21524d) Equinox: J2000		V=12.5+/-0.1	Reference Frame: ICRS
(31)	KP-440	RA: 18 56 46.6800 (284.1945000d) Dec: -67 12 27.50 (-67.20764d) Equinox: J2000		V=12.68+/-0.1	Reference Frame: ICRS
(33)	KP-REF-2	RA: 18 56 44.9770 (284.1874042d) Dec: -67 15 13.16 (-67.25366d) Equinox: J2000		V=14.01+/-0.1	Reference Frame: ICRS
(34)	KP-REF-3	RA: 18 57 13.5554 (284.3064808d) Dec: -67 13 13.88 (-67.22052d) Equinox: J2000		V=15.6+/-0.1	Reference Frame: ICRS
(36)	KP-REF-5	RA: 18 56 50.8574 (284.2119058d) Dec: -67 16 28.54 (-67.27459d) Equinox: J2000		V=15+/-0.1	Reference Frame: ICRS
(37)	KP-REF-6	RA: 18 57 5.6624 (284.2735933d) Dec: -67 11 53.12 (-67.19809d) Equinox: J2000		V=15.2+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND		POS TARG 70.2,6.7; GS ACQ SCENARIO BASE1T3	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
2	KP-440	(31) KP-440	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs *[==>]*	 ***[1]***
3	KP-ref-5	(36) KP-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs *[==>]*	 ***[1]***
4	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
5	KP-440	(31) KP-440	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs *[==>]*	 ***[1]***
6	KP-ref-6	(37) KP-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs *[==>]*	 ***[1]***
7	KP-430	(30) KP-430	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	10.0 Secs *[==>]*	 ***[1]***
8	KP-440	(31) KP-440	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs *[==>]*	 ***[1]***
9	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs *[==>]*	 ***[1]***
10	KP-ref-5	(36) KP-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs *[==>]*	 ***[1]***
11	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
12	KP-430	(30) KP-430	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	10.0 Secs *[==>]*	 ***[1]***
13	KP-ref-6	(37) KP-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
14	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs *[==>]*	 ***[1]***
15	KP-440	(31) KP-440	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs *[==>]*	 ***[1]***
16	KP-ref-5	(36) KP-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs *[==>]*	 ***[1]***
17	KP-ref-3	(34) KP-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs *[==>]*	 ***[1]***
18	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***

	19	KP-430	(30) KP-430	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	10.0 Secs	
								[==>]	***[1]***
	20	KP-ref-6	(37) KP-REF-6	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	21	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs	
								[==>]	***[1]***
	22	KP-440	(31) KP-440	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
	23	KP-ref-5	(36) KP-REF-5	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
	24	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	25	KP-430	(30) KP-430	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	10.0 Secs	
								[==>]	***[1]***
	26	KP-ref-3	(34) KP-REF-3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	27	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs	
								[==>]	***[1]***
	28	KP-440	(31) KP-440	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
	29	KP-430	(30) KP-430	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	10.0 Secs	
								[==>]	***[1]***
	30	KP-ref-5	(36) KP-REF-5	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
	31	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	32	KP-430	(30) KP-430	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	10.0 Secs	
								[==>]	***[1]***
	33	KP-ref-6	(37) KP-REF-6	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
	34	KP-ref-3	(34) KP-REF-3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	35	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs	
								[==>]	***[1]***
	36	KP-440	(31) KP-440	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 83, completed Wed May 05 01:41:20 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: PCS MODE FINE; CVZ; ORIENT 339D TO 339 D; BETWEEN 01-JUN-2009:00:00:00 AND 09-JUN-2009:00:00:00

Comments: kappa Pavonis

Fixed Targets

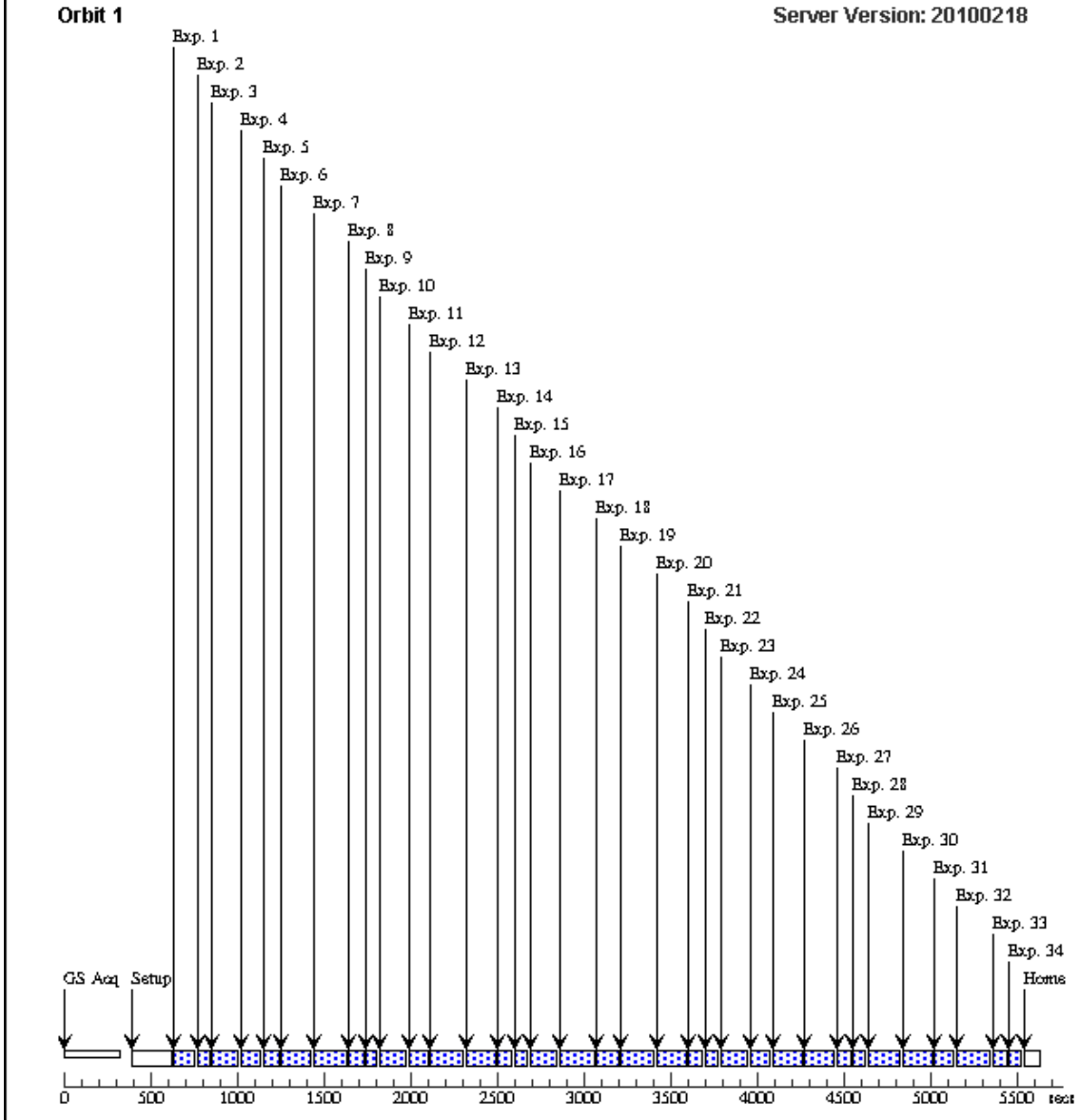
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(29)	KAPPA-PAV	RA: 18 56 57.0289 (284.2376204d) Dec: -67 14 0.58 (-67.23349d) Equinox: J2000	Proper Motion RA: -0.00135s/yr Proper Motion Dec: 0.01665"/yr Epoch of Position: 2000.0	V=3.92+/-0.05	Reference Frame: ICRS
(31)	KP-440	RA: 18 56 46.6800 (284.1945000d) Dec: -67 12 27.50 (-67.20764d) Equinox: J2000		V=12.68+/-0.1	Reference Frame: ICRS
(33)	KP-REF-2	RA: 18 56 44.9770 (284.1874042d) Dec: -67 15 13.16 (-67.25366d) Equinox: J2000		V=14.01+/-0.1	Reference Frame: ICRS
(34)	KP-REF-3	RA: 18 57 13.5554 (284.3064808d) Dec: -67 13 13.88 (-67.22052d) Equinox: J2000		V=15.6+/-0.1	Reference Frame: ICRS
(36)	KP-REF-5	RA: 18 56 50.8574 (284.2119058d) Dec: -67 16 28.54 (-67.27459d) Equinox: J2000		V=15+/-0.1	Reference Frame: ICRS
(37)	KP-REF-6	RA: 18 57 5.6624 (284.2735933d) Dec: -67 11 53.12 (-67.19809d) Equinox: J2000		V=15.2+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND		POS TARG -172.0,-9.2; GS ACQ SCENARIO BASE1B3	Sequence 1-34 Non-Int	40.0 Secs *[==>]*	 ***[1]***
2	KP-440	(31) KP-440	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-34 Non-Int	20.0 Secs *[==>]*	 ***[1]***
3	KP-ref-5	(36) KP-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-34 Non-Int	60.0 Secs *[==>]*	 ***[1]***
4	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-34 Non-Int	40.0 Secs *[==>]*	 ***[1]***
5	KP-440	(31) KP-440	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-34 Non-Int	30.0 Secs *[==>]*	 ***[1]***
6	KP-ref-6	(37) KP-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-34 Non-Int	60.0 Secs *[==>]*	 ***[1]***
7	KP-ref-3	(34) KP-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-34 Non-Int	60.0 Secs *[==>]*	 ***[1]***
8	KP-440	(31) KP-440	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-34 Non-Int	20.0 Secs *[==>]*	 ***[1]***
9	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-34 Non-Int	20.0 Secs *[==>]*	 ***[1]***
10	KP-ref-5	(36) KP-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-34 Non-Int	60.0 Secs *[==>]*	 ***[1]***
11	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-34 Non-Int	40.0 Secs *[==>]*	 ***[1]***
12	KP-ref-3	(34) KP-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-34 Non-Int	60.0 Secs *[==>]*	 ***[1]***
13	KP-ref-6	(37) KP-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-34 Non-Int	40.0 Secs *[==>]*	 ***[1]***
14	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-34 Non-Int	20.0 Secs *[==>]*	 ***[1]***
15	KP-440	(31) KP-440	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-34 Non-Int	30.0 Secs *[==>]*	 ***[1]***
16	KP-ref-5	(36) KP-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-34 Non-Int	60.0 Secs *[==>]*	 ***[1]***
17	KP-ref-3	(34) KP-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-34 Non-Int	60.0 Secs *[==>]*	 ***[1]***
18	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-34 Non-Int	40.0 Secs *[==>]*	 ***[1]***

	19	KP-ref-3	(34) KP-REF-3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-34 Non-Int	60.0 Secs	
								[==>]	***[1]***
	20	KP-ref-6	(37) KP-REF-6	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-34 Non-Int	40.0 Secs	
								[==>]	***[1]***
	21	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-34 Non-Int	20.0 Secs	
								[==>]	***[1]***
	22	KP-440	(31) KP-440	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-34 Non-Int	30.0 Secs	
								[==>]	***[1]***
	23	KP-ref-5	(36) KP-REF-5	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-34 Non-Int	60.0 Secs	
								[==>]	***[1]***
	24	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-34 Non-Int	40.0 Secs	
								[==>]	***[1]***
	25	KP-ref-6	(37) KP-REF-6	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-34 Non-Int	40.0 Secs	
								[==>]	***[1]***
	26	KP-ref-3	(34) KP-REF-3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-34 Non-Int	40.0 Secs	
								[==>]	***[1]***
	27	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-34 Non-Int	20.0 Secs	
								[==>]	***[1]***
	28	KP-440	(31) KP-440	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-34 Non-Int	30.0 Secs	
								[==>]	***[1]***
	29	KP-ref-3	(34) KP-REF-3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-34 Non-Int	60.0 Secs	
								[==>]	***[1]***
	30	KP-ref-5	(36) KP-REF-5	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-34 Non-Int	60.0 Secs	
								[==>]	***[1]***
	31	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-34 Non-Int	40.0 Secs	
								[==>]	***[1]***
	32	KP-ref-6	(37) KP-REF-6	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-34 Non-Int	60.0 Secs	
								[==>]	***[1]***
	33	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-34 Non-Int	20.0 Secs	
								[==>]	***[1]***
	34	KP-440	(31) KP-440	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-34 Non-Int	30.0 Secs	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 84, completed Wed May 05 01:41:21 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: PCS MODE FINE; CVZ; ORIENT 58D TO 60 D; BETWEEN 17-SEP-2009:00:00:00 AND 25-SEP-2009:00:00:00

Comments: kappa Pavonis

Fixed Targets

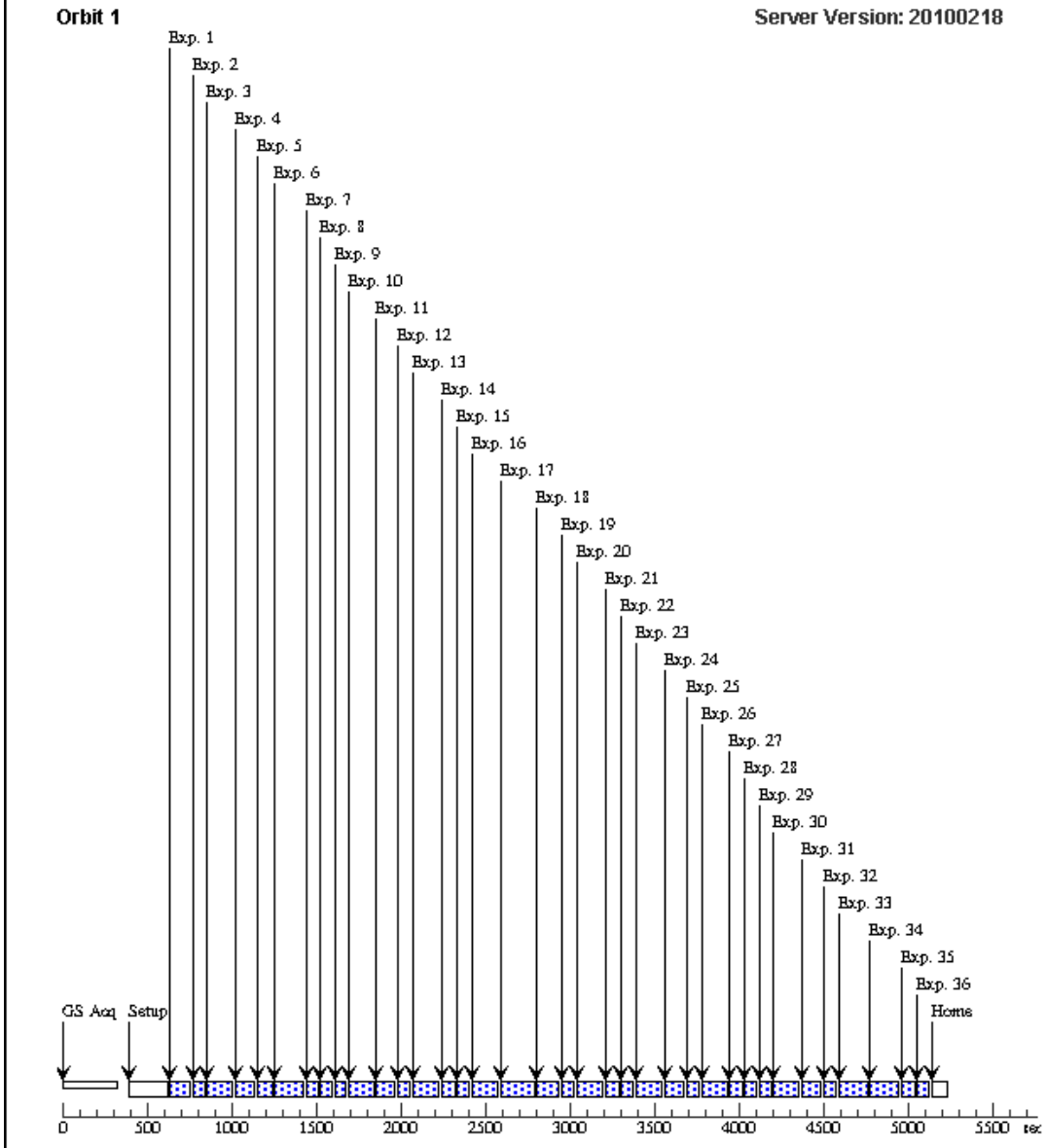
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(29)	KAPPA-PAV	RA: 18 56 57.0289 (284.2376204d) Dec: -67 14 0.58 (-67.23349d) Equinox: J2000	Proper Motion RA: -0.00135s/yr Proper Motion Dec: 0.01665"/yr Epoch of Position: 2000.0	V=3.92+/-0.05	Reference Frame: ICRS
(30)	KP-430	RA: 18 57 19.6632 (284.3319300d) Dec: -67 12 54.86 (-67.21524d) Equinox: J2000		V=12.5+/-0.1	Reference Frame: ICRS
(31)	KP-440	RA: 18 56 46.6800 (284.1945000d) Dec: -67 12 27.50 (-67.20764d) Equinox: J2000		V=12.68+/-0.1	Reference Frame: ICRS
(33)	KP-REF-2	RA: 18 56 44.9770 (284.1874042d) Dec: -67 15 13.16 (-67.25366d) Equinox: J2000		V=14.01+/-0.1	Reference Frame: ICRS
(34)	KP-REF-3	RA: 18 57 13.5554 (284.3064808d) Dec: -67 13 13.88 (-67.22052d) Equinox: J2000		V=15.6+/-0.1	Reference Frame: ICRS
(36)	KP-REF-5	RA: 18 56 50.8574 (284.2119058d) Dec: -67 16 28.54 (-67.27459d) Equinox: J2000		V=15+/-0.1	Reference Frame: ICRS
(37)	KP-REF-6	RA: 18 57 5.6624 (284.2735933d) Dec: -67 11 53.12 (-67.19809d) Equinox: J2000		V=15.2+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND		POS TARG 85.2,-16.1; GS ACQ SCENARIO BASE1B3	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
2	KP-440	(31) KP-440	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs *[==>]*	 ***[1]***
3	KP-ref-5	(36) KP-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs *[==>]*	 ***[1]***
4	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
5	KP-440	(31) KP-440	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs *[==>]*	 ***[1]***
6	KP-ref-6	(37) KP-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs *[==>]*	 ***[1]***
7	KP-430	(30) KP-430	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	10.0 Secs *[==>]*	 ***[1]***
8	KP-440	(31) KP-440	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs *[==>]*	 ***[1]***
9	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs *[==>]*	 ***[1]***
10	KP-ref-5	(36) KP-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs *[==>]*	 ***[1]***
11	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
12	KP-430	(30) KP-430	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	10.0 Secs *[==>]*	 ***[1]***
13	KP-ref-6	(37) KP-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
14	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs *[==>]*	 ***[1]***
15	KP-440	(31) KP-440	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs *[==>]*	 ***[1]***
16	KP-ref-5	(36) KP-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs *[==>]*	 ***[1]***
17	KP-ref-3	(34) KP-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs *[==>]*	 ***[1]***
18	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***

	19	KP-430	(30) KP-430	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	10.0 Secs	
								[==>]	***[1]***
	20	KP-ref-6	(37) KP-REF-6	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	21	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs	
								[==>]	***[1]***
	22	KP-440	(31) KP-440	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
	23	KP-ref-5	(36) KP-REF-5	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
	24	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	25	KP-430	(30) KP-430	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	10.0 Secs	
								[==>]	***[1]***
	26	KP-ref-3	(34) KP-REF-3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	27	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs	
								[==>]	***[1]***
	28	KP-440	(31) KP-440	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
	29	KP-430	(30) KP-430	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	10.0 Secs	
								[==>]	***[1]***
	30	KP-ref-5	(36) KP-REF-5	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
	31	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	32	KP-430	(30) KP-430	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	10.0 Secs	
								[==>]	***[1]***
	33	KP-ref-6	(37) KP-REF-6	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
	34	KP-ref-3	(34) KP-REF-3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	35	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs	
								[==>]	***[1]***
	36	KP-440	(31) KP-440	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 85, completed Wed May 05 01:41:22 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: PCS MODE FINE; CVZ; ORIENT 113D TO 113 D; BETWEEN 13-NOV-2009:00:00:00 AND 24-NOV-2009:00:00:00

Comments: kappa Pavonis

Fixed Targets

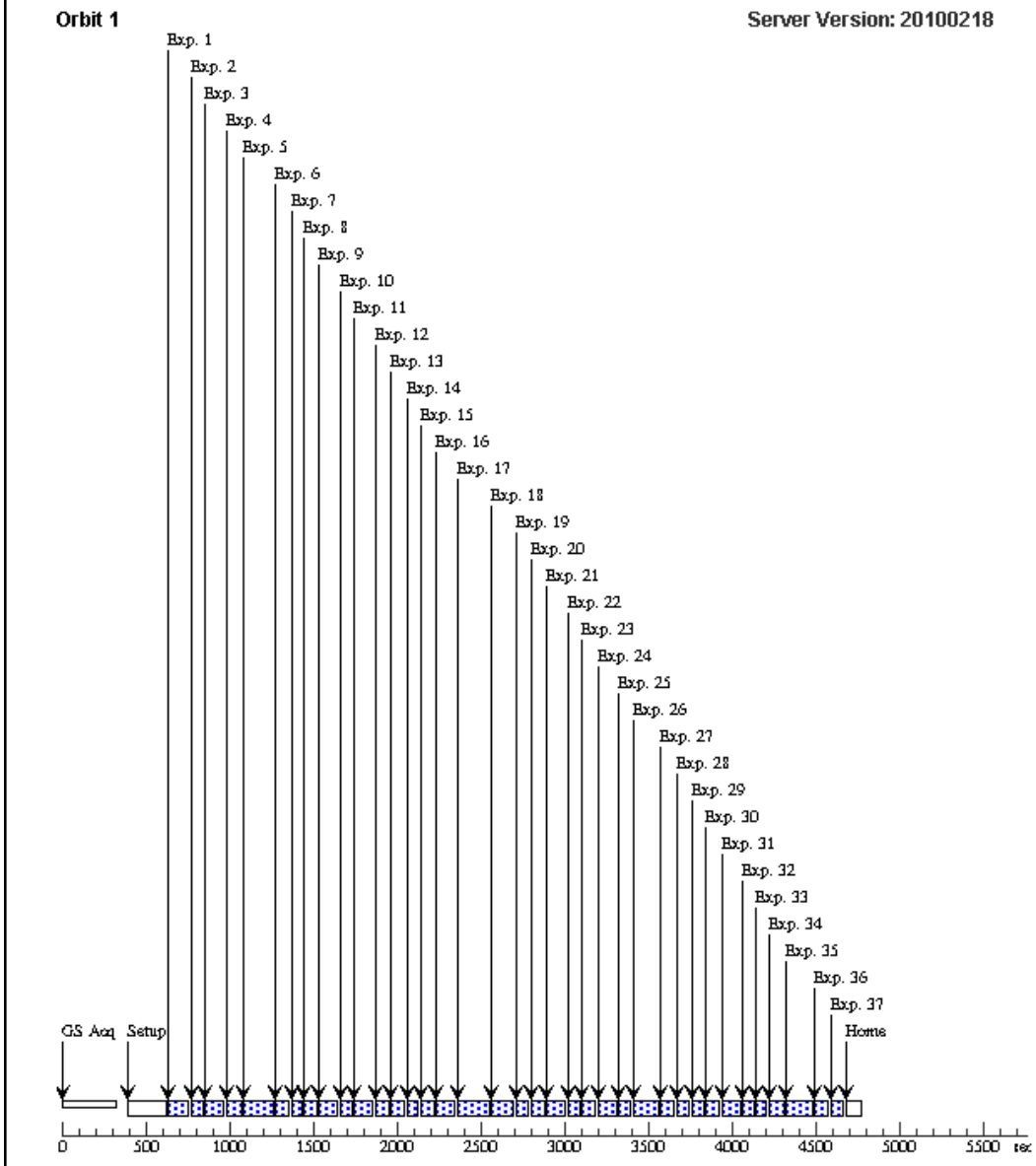
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(29)	KAPPA-PAV	RA: 18 56 57.0289 (284.2376204d) Dec: -67 14 0.58 (-67.23349d) Equinox: J2000	Proper Motion RA: -0.00135s/yr Proper Motion Dec: 0.01665"/yr Epoch of Position: 2000.0	V=3.92+/-0.05	Reference Frame: ICRS
(30)	KP-430	RA: 18 57 19.6632 (284.3319300d) Dec: -67 12 54.86 (-67.21524d) Equinox: J2000		V=12.5+/-0.1	Reference Frame: ICRS
(31)	KP-440	RA: 18 56 46.6800 (284.1945000d) Dec: -67 12 27.50 (-67.20764d) Equinox: J2000		V=12.68+/-0.1	Reference Frame: ICRS
(33)	KP-REF-2	RA: 18 56 44.9770 (284.1874042d) Dec: -67 15 13.16 (-67.25366d) Equinox: J2000		V=14.01+/-0.1	Reference Frame: ICRS
(34)	KP-REF-3	RA: 18 57 13.5554 (284.3064808d) Dec: -67 13 13.88 (-67.22052d) Equinox: J2000		V=15.6+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND		POS TARG 51.9,-12.3; GS ACQ SCENARIO BASE1B3	Sequence 1-37 Non-Int	40.0 Secs *[==>]*	 ***[1]***
2	KP-440	(31) KP-440	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-37 Non-Int	20.0 Secs *[==>]*	 ***[1]***
3	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-37 Non-Int	40.0 Secs *[==>]*	 ***[1]***
4	KP-440	(31) KP-440	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-37 Non-Int	30.0 Secs *[==>]*	 ***[1]***
5	KP-ref-3	(34) KP-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-37 Non-Int	60.0 Secs *[==>]*	 ***[1]***
6	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-37 Non-Int	20.0 Secs *[==>]*	 ***[1]***
7	KP-430	(30) KP-430	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-37 Non-Int	10.0 Secs *[==>]*	 ***[1]***
8	KP-440	(31) KP-440	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-37 Non-Int	20.0 Secs *[==>]*	 ***[1]***
9	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-37 Non-Int	40.0 Secs *[==>]*	 ***[1]***
10	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-37 Non-Int	20.0 Secs *[==>]*	 ***[1]***
11	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-37 Non-Int	40.0 Secs *[==>]*	 ***[1]***
12	KP-430	(30) KP-430	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-37 Non-Int	10.0 Secs *[==>]*	 ***[1]***
13	KP-440	(31) KP-440	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-37 Non-Int	30.0 Secs *[==>]*	 ***[1]***
14	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-37 Non-Int	20.0 Secs *[==>]*	 ***[1]***
15	KP-440	(31) KP-440	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-37 Non-Int	30.0 Secs *[==>]*	 ***[1]***
16	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-37 Non-Int	40.0 Secs *[==>]*	 ***[1]***
17	KP-ref-3	(34) KP-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-37 Non-Int	60.0 Secs *[==>]*	 ***[1]***
18	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-37 Non-Int	40.0 Secs *[==>]*	 ***[1]***

	19	KP-430	(30) KP-430	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-37 Non-Int	10.0 Secs	
								[==>]	***[1]***
	20	KP-440	(31) KP-440	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-37 Non-Int	30.0 Secs	
								[==>]	***[1]***
	21	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-37 Non-Int	40.0 Secs	
								[==>]	***[1]***
	22	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-37 Non-Int	20.0 Secs	
								[==>]	***[1]***
	23	KP-440	(31) KP-440	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-37 Non-Int	30.0 Secs	
								[==>]	***[1]***
	24	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-37 Non-Int	40.0 Secs	
								[==>]	***[1]***
	25	KP-430	(30) KP-430	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-37 Non-Int	10.0 Secs	
								[==>]	***[1]***
	26	KP-ref-3	(34) KP-REF-3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-37 Non-Int	40.0 Secs	
								[==>]	***[1]***
	27	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-37 Non-Int	20.0 Secs	
								[==>]	***[1]***
	28	KP-440	(31) KP-440	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-37 Non-Int	30.0 Secs	
								[==>]	***[1]***
	29	KP-430	(30) KP-430	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-37 Non-Int	10.0 Secs	
								[==>]	***[1]***
	30	KP-440	(31) KP-440	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-37 Non-Int	30.0 Secs	
								[==>]	***[1]***
	31	KP-ref-2	(33) KP-REF-2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-37 Non-Int	40.0 Secs	
								[==>]	***[1]***
	32	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-37 Non-Int	20.0 Secs	
								[==>]	***[1]***
	33	KP-430	(30) KP-430	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-37 Non-Int	10.0 Secs	
								[==>]	***[1]***
	34	KP-440	(31) KP-440	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-37 Non-Int	30.0 Secs	
								[==>]	***[1]***
	35	KP-ref-3	(34) KP-REF-3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-37 Non-Int	40.0 Secs	
								[==>]	***[1]***
	36	kap-Pav	(29) KAPPA-PAV	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-37 Non-Int	20.0 Secs	
								[==>]	***[1]***
	37	KP-440	(31) KP-440	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-37 Non-Int	30.0 Secs	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 91, completed Wed May 05 01:41:22 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: FGS

Special Requirements: GYRO MODE 2G; CVZ; ORIENT 82D TO 133 D; BETWEEN 08-NOV-2008:00:00:00 AND 16-NOV-2008:00:00:00

Comments: RZ-CEP
We request CVZ to
1) improve the astrometry of this field
2) obtain a longer baseline for FGS drift corrections

Diagnostics

(Visit 91) Warning (Form): Gyro Mode overrides default value of 3GOBAD.

Fixed Targets

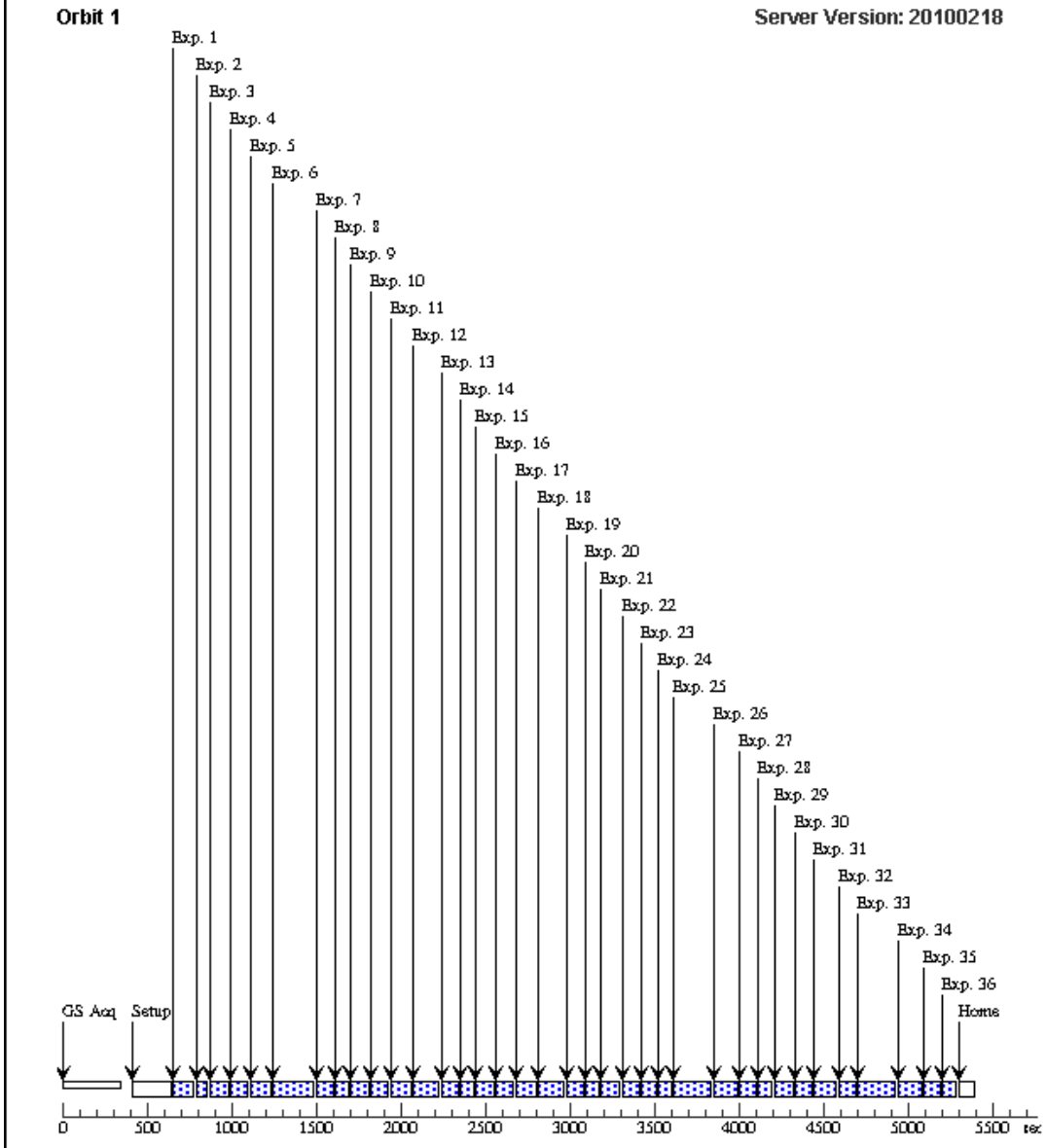
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(16)	RZ-CEP	RA: 22 39 13.1740 (339.8048917d) Dec: +64 51 30.60 (64.85850d) Equinox: J2000		V=9.48+/-0.5	Reference Frame: ICRS
(17)	RZ-REF2	RA: 22 39 1.9653 (339.7581888d) Dec: +64 51 30.63 (64.85851d) Equinox: J2000		V=14.61+/-0.1	Reference Frame: ICRS
(18)	RZ-REF3	RA: 22 39 28.9313 (339.8705471d) Dec: +64 51 37.96 (64.86054d) Equinox: J2000		V=15.89+/-0.1	Reference Frame: ICRS
(19)	RZ-REF4	RA: 22 39 13.0700 (339.8044583d) Dec: +64 51 44.13 (64.86226d) Equinox: J2000		V=15+/-0.1	Reference Frame: ICRS
(20)	RZ-REF5	RA: 22 39 7.5047 (339.7812696d) Dec: +64 52 42.03 (64.87834d) Equinox: J2000		V=15.1+/-0.1	Reference Frame: ICRS
(21)	RZ-REF6 Alt Name1: BINARY-Q	RA: 22 39 6.9060 (339.7787750d) Dec: +64 50 47.04 (64.84640d) Equinox: J2000		V=13.98+/-0.1	Reference Frame: ICRS
(22)	RZ-164	RA: 22 39 19.1243 (339.8296846d) Dec: +64 52 7.98 (64.86888d) Equinox: J2000		V=12.02+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W		GS ACQ SCENARIO BASE1T3	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
2	RZ-164	(22) RZ-164	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs	
								[==>]	***[1]***
3	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
4	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
5	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
6	RZ-ref-3	(18) RZ-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
7	RZ-164	(22) RZ-164	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
8	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
9	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
10	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
11	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
12	RZ-ref-5	(20) RZ-REF5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
13	RZ-164	(22) RZ-164	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
14	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
15	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
16	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
17	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
18	RZ-ref-5	(20) RZ-REF5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
19	RZ-164	(22) RZ-164	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***

	20	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	21	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	22	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
	23	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	24	RZ-164	(22) RZ-164	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	25	RZ-ref-3	(18) RZ-REF3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
	26	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	27	RZ-164	(22) RZ-164	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	28	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	29	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	30	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
	31	RZ-ref-5	(20) RZ-REF5	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	32	RZ-164	(22) RZ-164	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	33	RZ-ref-3	(18) RZ-REF3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
	34	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	35	RZ-164	(22) RZ-164	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	36	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 92, completed Wed May 05 01:41:23 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: FGS

Special Requirements: GYRO MODE 2G; CVZ; ORIENT 29D TO 64 D; BETWEEN 05-JAN-2009:00:00:00 AND 11-JAN-2009:00:00:00

Comments: RZ-CEP
We request CVZ to
1) improve the astrometry of this field
2) obtain a longer baseline for FGS drift corrections

Diagnostics

(Visit 92) Warning (Form): Gyro Mode overrides default value of 3GOBAD.

Fixed Targets

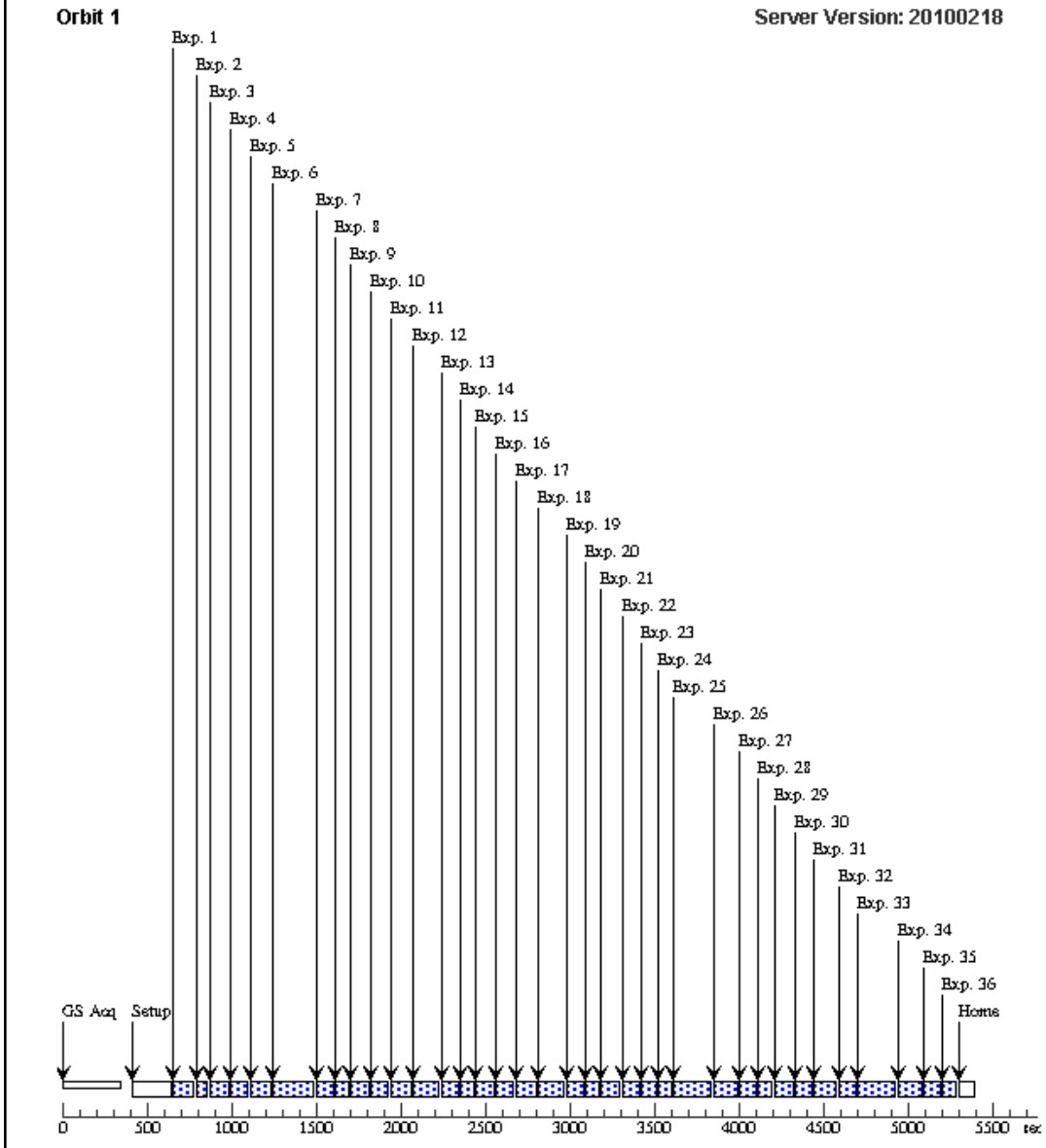
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(16)	RZ-CEP	RA: 22 39 13.1740 (339.8048917d) Dec: +64 51 30.60 (64.85850d) Equinox: J2000		V=9.48+/-0.5	Reference Frame: ICRS
(17)	RZ-REF2	RA: 22 39 1.9653 (339.7581888d) Dec: +64 51 30.63 (64.85851d) Equinox: J2000		V=14.61+/-0.1	Reference Frame: ICRS
(18)	RZ-REF3	RA: 22 39 28.9313 (339.8705471d) Dec: +64 51 37.96 (64.86054d) Equinox: J2000		V=15.89+/-0.1	Reference Frame: ICRS
(19)	RZ-REF4	RA: 22 39 13.0700 (339.8044583d) Dec: +64 51 44.13 (64.86226d) Equinox: J2000		V=15+/-0.1	Reference Frame: ICRS
(20)	RZ-REF5	RA: 22 39 7.5047 (339.7812696d) Dec: +64 52 42.03 (64.87834d) Equinox: J2000		V=15.1+/-0.1	Reference Frame: ICRS
(21)	RZ-REF6 Alt Name1: BINARY-Q	RA: 22 39 6.9060 (339.7787750d) Dec: +64 50 47.04 (64.84640d) Equinox: J2000		V=13.98+/-0.1	Reference Frame: ICRS
(22)	RZ-164	RA: 22 39 19.1243 (339.8296846d) Dec: +64 52 7.98 (64.86888d) Equinox: J2000		V=12.02+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W		GS ACQ SCENARIO BASE1T3	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
2	RZ-164	(22) RZ-164	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs	
								[==>]	***[1]***
3	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
4	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
5	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
6	RZ-ref-3	(18) RZ-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
7	RZ-164	(22) RZ-164	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
8	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
9	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
10	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
11	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
12	RZ-ref-5	(20) RZ-REF5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
13	RZ-164	(22) RZ-164	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
14	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
15	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
16	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
17	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
18	RZ-ref-5	(20) RZ-REF5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
19	RZ-164	(22) RZ-164	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***

	20	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	21	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	22	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
	23	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	24	RZ-164	(22) RZ-164	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	25	RZ-ref-3	(18) RZ-REF3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
	26	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	27	RZ-164	(22) RZ-164	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	28	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	29	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	30	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
	31	RZ-ref-5	(20) RZ-REF5	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	32	RZ-164	(22) RZ-164	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	33	RZ-ref-3	(18) RZ-REF3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
	34	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	35	RZ-164	(22) RZ-164	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	36	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 93, pi Wed May 05 01:41:24 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: ORIENT 232D TO 247 D; BETWEEN 21-JUN-2010:00:00:00 AND 28-JUN-2010:00:00:00

Comments: RZ-CEP
We request CVZ to
1) improve the astrometry of this field
2) obtain a longer baseline for FGS drift corrections

Fixed Targets

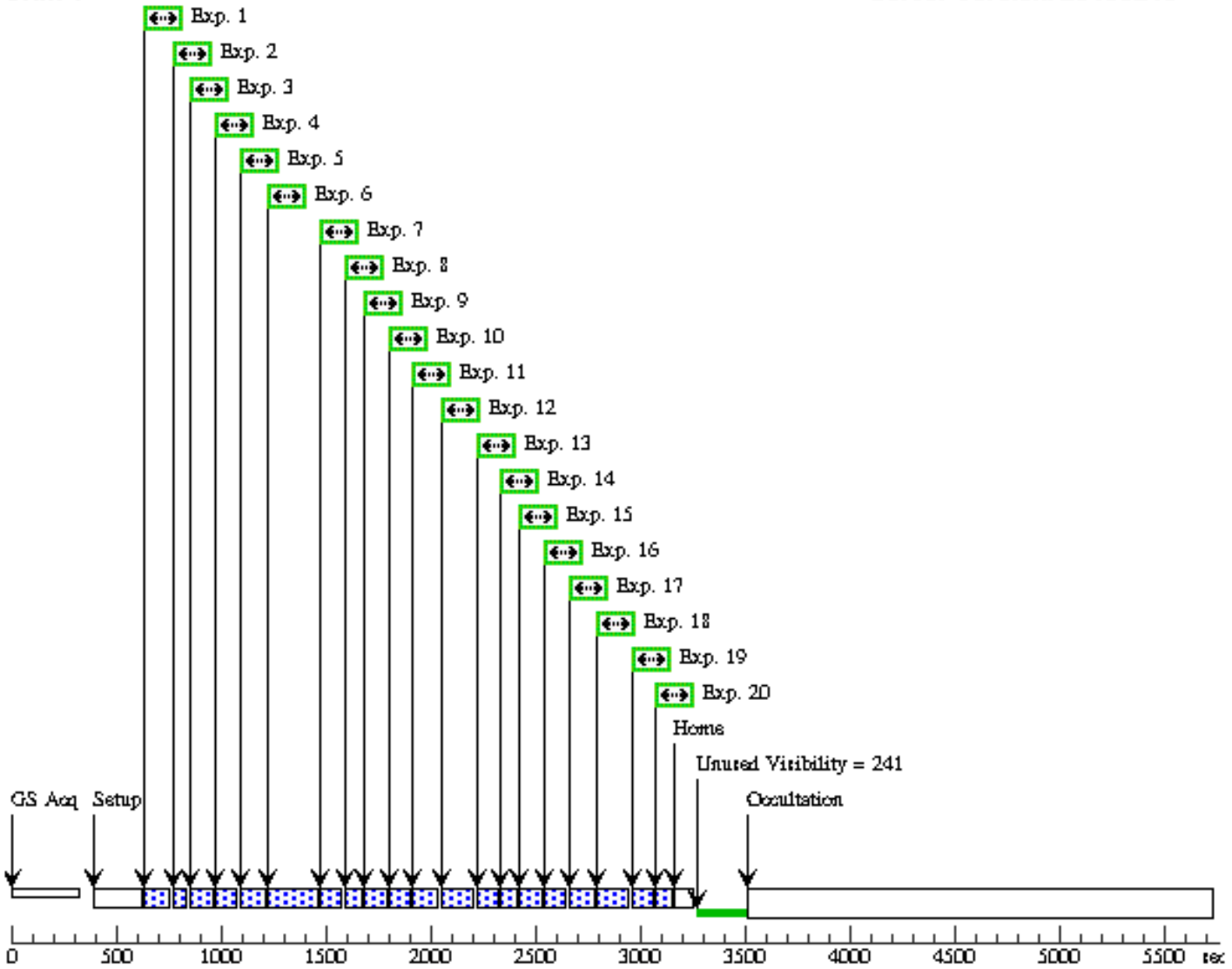
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(16)	RZ-CEP	RA: 22 39 13.1740 (339.8048917d) Dec: +64 51 30.60 (64.85850d) Equinox: J2000		V=9.48+/-0.5	Reference Frame: ICRS
(17)	RZ-REF2	RA: 22 39 1.9653 (339.7581888d) Dec: +64 51 30.63 (64.85851d) Equinox: J2000		V=14.61+/-0.1	Reference Frame: ICRS
(18)	RZ-REF3	RA: 22 39 28.9313 (339.8705471d) Dec: +64 51 37.96 (64.86054d) Equinox: J2000		V=15.89+/-0.1	Reference Frame: ICRS
(19)	RZ-REF4	RA: 22 39 13.0700 (339.8044583d) Dec: +64 51 44.13 (64.86226d) Equinox: J2000		V=15+/-0.1	Reference Frame: ICRS
(20)	RZ-REF5	RA: 22 39 7.5047 (339.7812696d) Dec: +64 52 42.03 (64.87834d) Equinox: J2000		V=15.1+/-0.1	Reference Frame: ICRS
(21)	RZ-REF6 Alt Name1: BINARY-Q	RA: 22 39 6.9060 (339.7787750d) Dec: +64 50 47.04 (64.84640d) Equinox: J2000		V=13.98+/-0.1	Reference Frame: ICRS
(22)	RZ-164	RA: 22 39 19.1243 (339.8296846d) Dec: +64 52 7.98 (64.86888d) Equinox: J2000		V=12.02+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W		GS ACQ SCENARIO BASE1B3	Sequence 1-20 Non-Int	40.0 Secs	
								[==>]	***[1]***
2	RZ-164	(22) RZ-164	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs	
								[==>]	***[1]***
3	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs	
								[==>]	***[1]***
4	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs	
								[==>]	***[1]***
5	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs	
								[==>]	***[1]***
6	RZ-ref-3	(18) RZ-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs	
								[==>]	***[1]***
7	RZ-164	(22) RZ-164	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs	
								[==>]	***[1]***
8	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs	
								[==>]	***[1]***
9	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs	
								[==>]	***[1]***
10	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs	
								[==>]	***[1]***
11	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs	
								[==>]	***[1]***
12	RZ-ref-5	(20) RZ-REF5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs	
								[==>]	***[1]***
13	RZ-164	(22) RZ-164	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs	
								[==>]	***[1]***
14	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs	
								[==>]	***[1]***
15	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs	
								[==>]	***[1]***
16	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs	
								[==>]	***[1]***
17	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs	
								[==>]	***[1]***
18	RZ-ref-5	(20) RZ-REF5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs	
								[==>]	***[1]***
19	RZ-164	(22) RZ-164	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs	
								[==>]	***[1]***

	20	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>]*	 ***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 94, completed Wed May 05 01:41:24 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: CVZ; ORIENT 180D TO 217 D; BETWEEN 15-AUG-2009:00:00:00 AND 21-AUG-2009:00:00:00

Comments: RZ-CEP
We request CVZ to
1) improve the astrometry of this field
2) obtain a longer baseline for FGS drift corrections

Fixed Targets

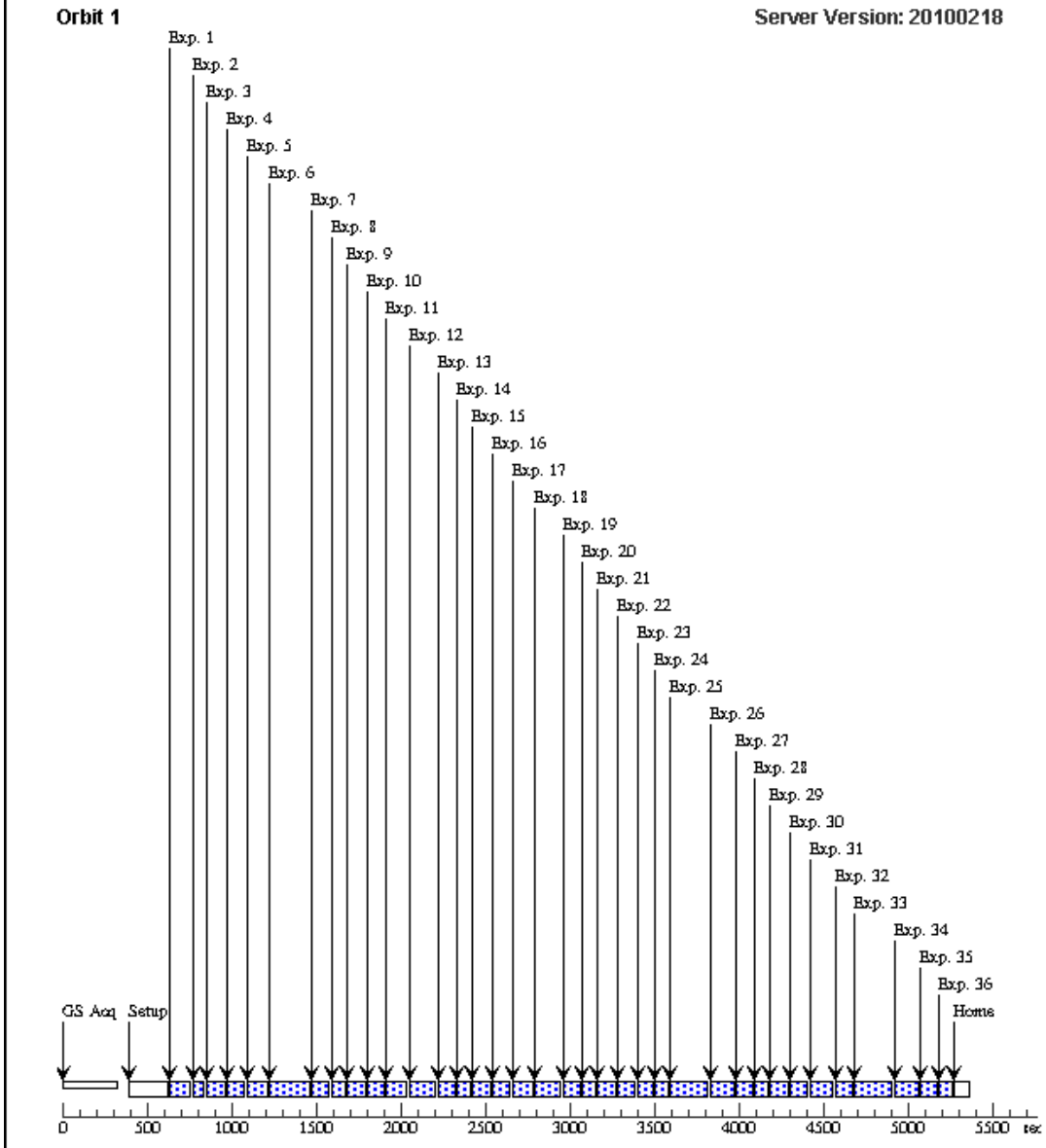
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(16)	RZ-CEP	RA: 22 39 13.1740 (339.8048917d) Dec: +64 51 30.60 (64.85850d) Equinox: J2000		V=9.48+/-0.5	Reference Frame: ICRS
(17)	RZ-REF2	RA: 22 39 1.9653 (339.7581888d) Dec: +64 51 30.63 (64.85851d) Equinox: J2000		V=14.61+/-0.1	Reference Frame: ICRS
(18)	RZ-REF3	RA: 22 39 28.9313 (339.8705471d) Dec: +64 51 37.96 (64.86054d) Equinox: J2000		V=15.89+/-0.1	Reference Frame: ICRS
(19)	RZ-REF4	RA: 22 39 13.0700 (339.8044583d) Dec: +64 51 44.13 (64.86226d) Equinox: J2000		V=15+/-0.1	Reference Frame: ICRS
(20)	RZ-REF5	RA: 22 39 7.5047 (339.7812696d) Dec: +64 52 42.03 (64.87834d) Equinox: J2000		V=15.1+/-0.1	Reference Frame: ICRS
(21)	RZ-REF6 Alt Name1: BINARY-Q	RA: 22 39 6.9060 (339.7787750d) Dec: +64 50 47.04 (64.84640d) Equinox: J2000		V=13.98+/-0.1	Reference Frame: ICRS
(22)	RZ-164	RA: 22 39 19.1243 (339.8296846d) Dec: +64 52 7.98 (64.86888d) Equinox: J2000		V=12.02+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W		POS TARG 0.0,-5.0; GS ACQ SCENARIO BASE1B3	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
2	RZ-164	(22) RZ-164	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs *[==>]*	 ***[1]***
3	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
4	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs *[==>]*	 ***[1]***
5	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
6	RZ-ref-3	(18) RZ-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs *[==>]*	 ***[1]***
7	RZ-164	(22) RZ-164	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
8	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
9	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
10	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs *[==>]*	 ***[1]***
11	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
12	RZ-ref-5	(20) RZ-REF5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs *[==>]*	 ***[1]***
13	RZ-164	(22) RZ-164	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
14	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
15	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
16	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs *[==>]*	 ***[1]***
17	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs *[==>]*	 ***[1]***
18	RZ-ref-5	(20) RZ-REF5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs *[==>]*	 ***[1]***

	19	RZ-164	(22) RZ-164	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	20	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	21	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	22	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
	23	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	24	RZ-164	(22) RZ-164	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	25	RZ-ref-3	(18) RZ-REF3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
	26	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	27	RZ-164	(22) RZ-164	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	28	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	29	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	30	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
	31	RZ-ref-5	(20) RZ-REF5	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	32	RZ-164	(22) RZ-164	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	33	RZ-ref-3	(18) RZ-REF3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
	34	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	35	RZ-164	(22) RZ-164	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	36	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 95, completed Wed May 05 01:41:25 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: CVZ; ORIENT 68D TO 102 D; BETWEEN 01-DEC-2009:00:00:00 AND 09-DEC-2009:00:00:00

Comments: RZ-CEP
We request CVZ to
1) improve the astrometry of this field
2) obtain a longer baseline for FGS drift corrections

Fixed Targets

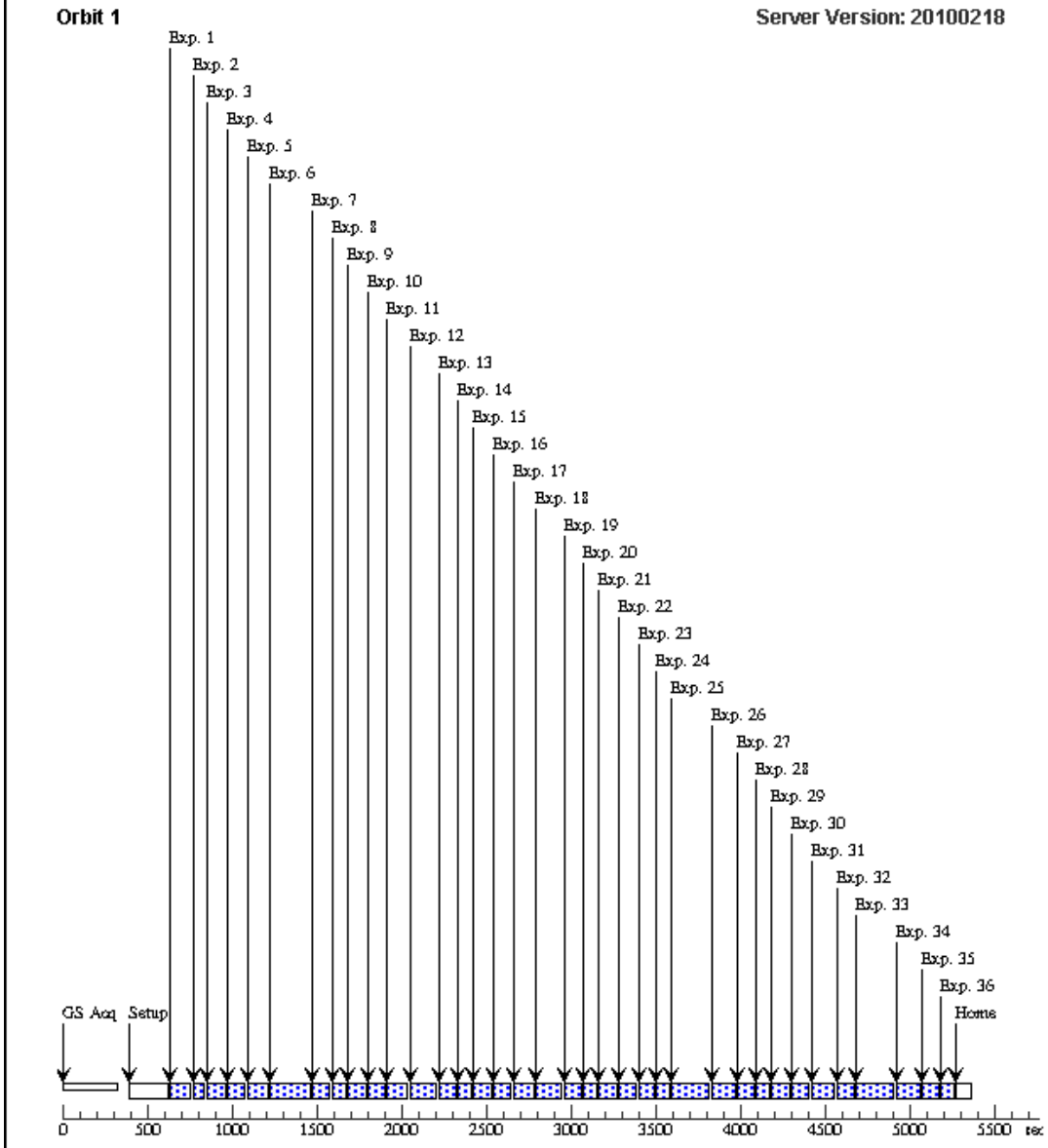
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(16)	RZ-CEP	RA: 22 39 13.1740 (339.8048917d) Dec: +64 51 30.60 (64.85850d) Equinox: J2000		V=9.48+/-0.5	Reference Frame: ICRS
(17)	RZ-REF2	RA: 22 39 1.9653 (339.7581888d) Dec: +64 51 30.63 (64.85851d) Equinox: J2000		V=14.61+/-0.1	Reference Frame: ICRS
(18)	RZ-REF3	RA: 22 39 28.9313 (339.8705471d) Dec: +64 51 37.96 (64.86054d) Equinox: J2000		V=15.89+/-0.1	Reference Frame: ICRS
(19)	RZ-REF4	RA: 22 39 13.0700 (339.8044583d) Dec: +64 51 44.13 (64.86226d) Equinox: J2000		V=15+/-0.1	Reference Frame: ICRS
(20)	RZ-REF5	RA: 22 39 7.5047 (339.7812696d) Dec: +64 52 42.03 (64.87834d) Equinox: J2000		V=15.1+/-0.1	Reference Frame: ICRS
(21)	RZ-REF6 Alt Name1: BINARY-Q	RA: 22 39 6.9060 (339.7787750d) Dec: +64 50 47.04 (64.84640d) Equinox: J2000		V=13.98+/-0.1	Reference Frame: ICRS
(22)	RZ-164	RA: 22 39 19.1243 (339.8296846d) Dec: +64 52 7.98 (64.86888d) Equinox: J2000		V=12.02+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W		GS ACQ SCENARIO BASE1B3	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
2	RZ-164	(22) RZ-164	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	20.0 Secs	
								[==>]	***[1]***
3	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
4	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
5	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
6	RZ-ref-3	(18) RZ-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
7	RZ-164	(22) RZ-164	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
8	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
9	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
10	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
11	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
12	RZ-ref-5	(20) RZ-REF5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
13	RZ-164	(22) RZ-164	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
14	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
15	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
16	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
17	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
18	RZ-ref-5	(20) RZ-REF5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
19	RZ-164	(22) RZ-164	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***

	20	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	21	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	22	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
	23	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	24	RZ-164	(22) RZ-164	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	25	RZ-ref-3	(18) RZ-REF3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
	26	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	27	RZ-164	(22) RZ-164	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	28	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	29	RZ-ref-4	(19) RZ-REF4	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	30	RZ-ref-6	(21) RZ-REF6	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	30.0 Secs	
								[==>]	***[1]***
	31	RZ-ref-5	(20) RZ-REF5	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	32	RZ-164	(22) RZ-164	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	33	RZ-ref-3	(18) RZ-REF3	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	60.0 Secs	
								[==>]	***[1]***
	34	RZ-ref-2	(17) RZ-REF2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	35	RZ-164	(22) RZ-164	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***
	36	RZ-Cep	(16) RZ-CEP	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-36 Non-Int	40.0 Secs	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 0A, completed Wed May 05 01:41:25 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: PCS MODE FINE; CVZ; ORIENT 298D TO 320 D; BETWEEN 01-NOV-2009:00:00:00 AND 10-NOV-2009:00:00:00

Comments: SU-DRA

Fixed Targets

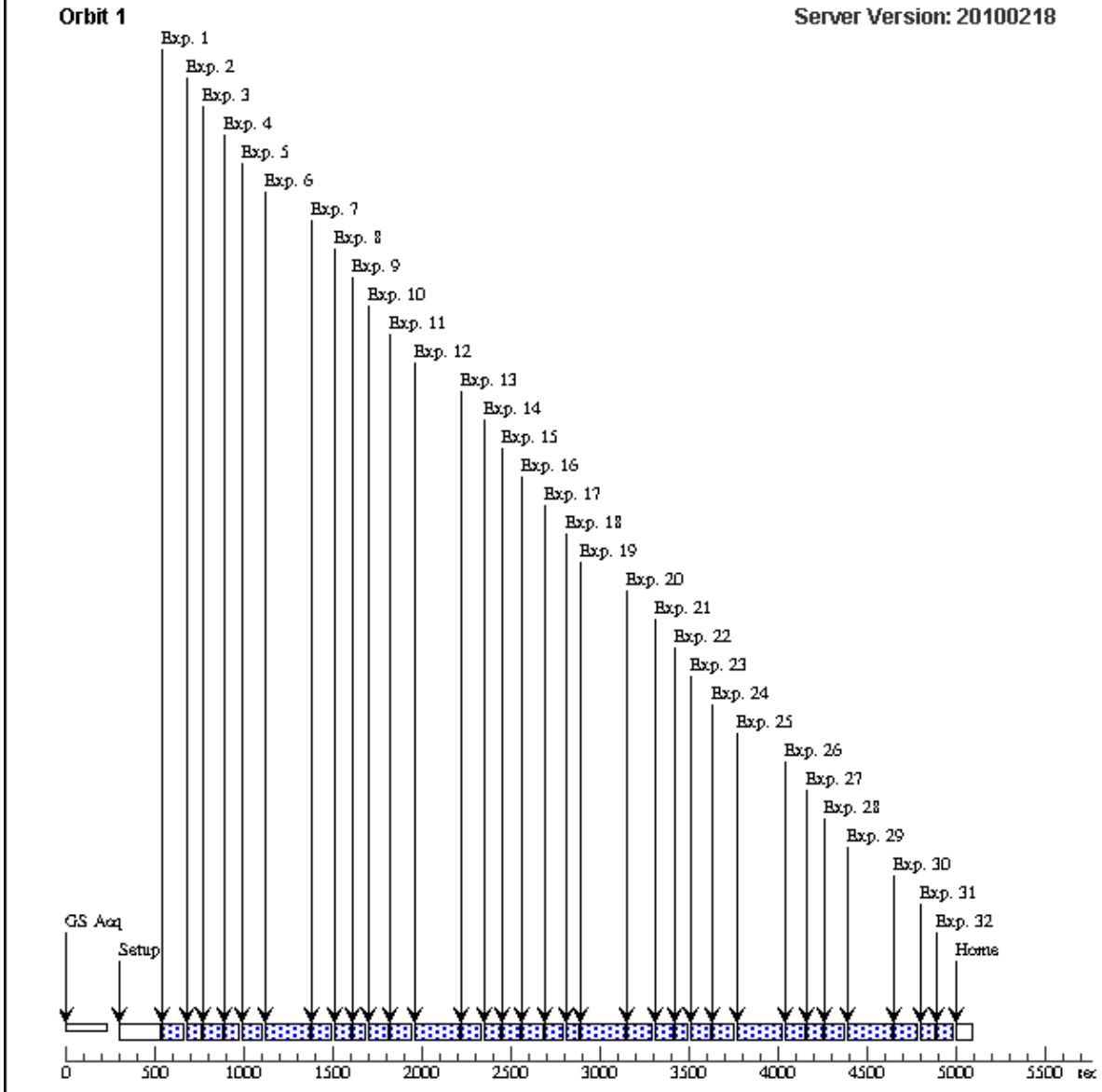
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(23)	SU-DRA	RA: 11 37 56.6071 (174.4858629d) Dec: +67 19 47.06 (67.32974d) Equinox: J2000	Proper Motion RA: -0.0081s/yr Proper Motion Dec: -0.0779"/yr Epoch of Position: 2000.0	V=10.15+/-0.5	Reference Frame: ICRS
(24)	SU-REF1	RA: 11 38 16.4527 (174.5685529d) Dec: +67 17 17.98 (67.28833d) Equinox: J2000		V=15.9+/-0.2	Reference Frame: ICRS
(25)	SU-155	RA: 11 37 44.9473 (174.4372804d) Dec: +67 20 19.83 (67.33884d) Equinox: J2000		V=13.8+/-0.5	Reference Frame: ICRS
(26)	SU-65 Alt Name1: BINARY-Q	RA: 11 38 2.8793 (174.5119971d) Dec: +67 19 59.90 (67.33331d) Equinox: J2000		V=14.1+/-0.5	Reference Frame: ICRS
(27)	SU-192	RA: 11 37 27.6380 (174.3651583d) Dec: +67 19 32.14 (67.32559d) Equinox: J2000		V=14.2+/-0.2	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		POS TARG -31.7,-53.0; GS ACQ SCENARIO ONEB1B3	Sequence 1-32 Non-Int	40.0 Secs *[==>]*	 ***[1]***
2	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-32 Non-Int	20.0 Secs *[==>]*	 ***[1]***
3	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-32 Non-Int	40.0 Secs *[==>]*	 ***[1]***
4	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-32 Non-Int	40.0 Secs *[==>]*	 ***[1]***
5	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-32 Non-Int	40.0 Secs *[==>]*	 ***[1]***
6	SU-ref-1	(24) SU-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-32 Non-Int	60.0 Secs *[==>]*	 ***[1]***
7	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-32 Non-Int	20.0 Secs *[==>]*	 ***[1]***
8	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-32 Non-Int	40.0 Secs *[==>]*	 ***[1]***
9	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-32 Non-Int	20.0 Secs *[==>]*	 ***[1]***
10	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-32 Non-Int	40.0 Secs *[==>]*	 ***[1]***
11	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-32 Non-Int	40.0 Secs *[==>]*	 ***[1]***
12	SU-ref-1	(24) SU-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-32 Non-Int	60.0 Secs *[==>]*	 ***[1]***
13	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-32 Non-Int	20.0 Secs *[==>]*	 ***[1]***
14	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-32 Non-Int	40.0 Secs *[==>]*	 ***[1]***
15	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-32 Non-Int	40.0 Secs *[==>]*	 ***[1]***
16	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-32 Non-Int	40.0 Secs *[==>]*	 ***[1]***
17	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-32 Non-Int	40.0 Secs *[==>]*	 ***[1]***
18	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-32 Non-Int	20.0 Secs *[==>]*	 ***[1]***

	19	SU-ref-1	(24) SU-REF1	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-32 Non-Int	60.0 Secs	
								[==>]	***[1]***
	20	SU-192	(27) SU-192	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-32 Non-Int	40.0 Secs	
								[==>]	***[1]***
	21	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-32 Non-Int	40.0 Secs	
								[==>]	***[1]***
	22	SU-155	(25) SU-155	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-32 Non-Int	20.0 Secs	
								[==>]	***[1]***
	23	SU-65	(26) SU-65	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-32 Non-Int	40.0 Secs	
								[==>]	***[1]***
	24	SU-192	(27) SU-192	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-32 Non-Int	40.0 Secs	
								[==>]	***[1]***
	25	SU-ref-1	(24) SU-REF1	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-32 Non-Int	60.0 Secs	
								[==>]	***[1]***
	26	SU-155	(25) SU-155	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-32 Non-Int	20.0 Secs	
								[==>]	***[1]***
	27	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-32 Non-Int	40.0 Secs	
								[==>]	***[1]***
	28	SU-192	(27) SU-192	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-32 Non-Int	40.0 Secs	
								[==>]	***[1]***
	29	SU-ref-1	(24) SU-REF1	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-32 Non-Int	60.0 Secs	
								[==>]	***[1]***
	30	SU-65	(26) SU-65	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-32 Non-Int	40.0 Secs	
								[==>]	***[1]***
	31	SU-155	(25) SU-155	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-32 Non-Int	20.0 Secs	
								[==>]	***[1]***
	32	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-32 Non-Int	40.0 Secs	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 0B, completed Wed May 05 01:41:26 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: FGS

Special Requirements: PCS MODE FINE; GYRO MODE 2G; SCHED 30%; ORIENT 270D TO 282 D; BETWEEN 01-JAN-2009:00:00:00 AND 14-JAN-2009:00:00:00

Comments: SU-DRA

Diagnostics

(Visit 0B) Warning (Form): Gyro Mode overrides default value of 3GOBAD.

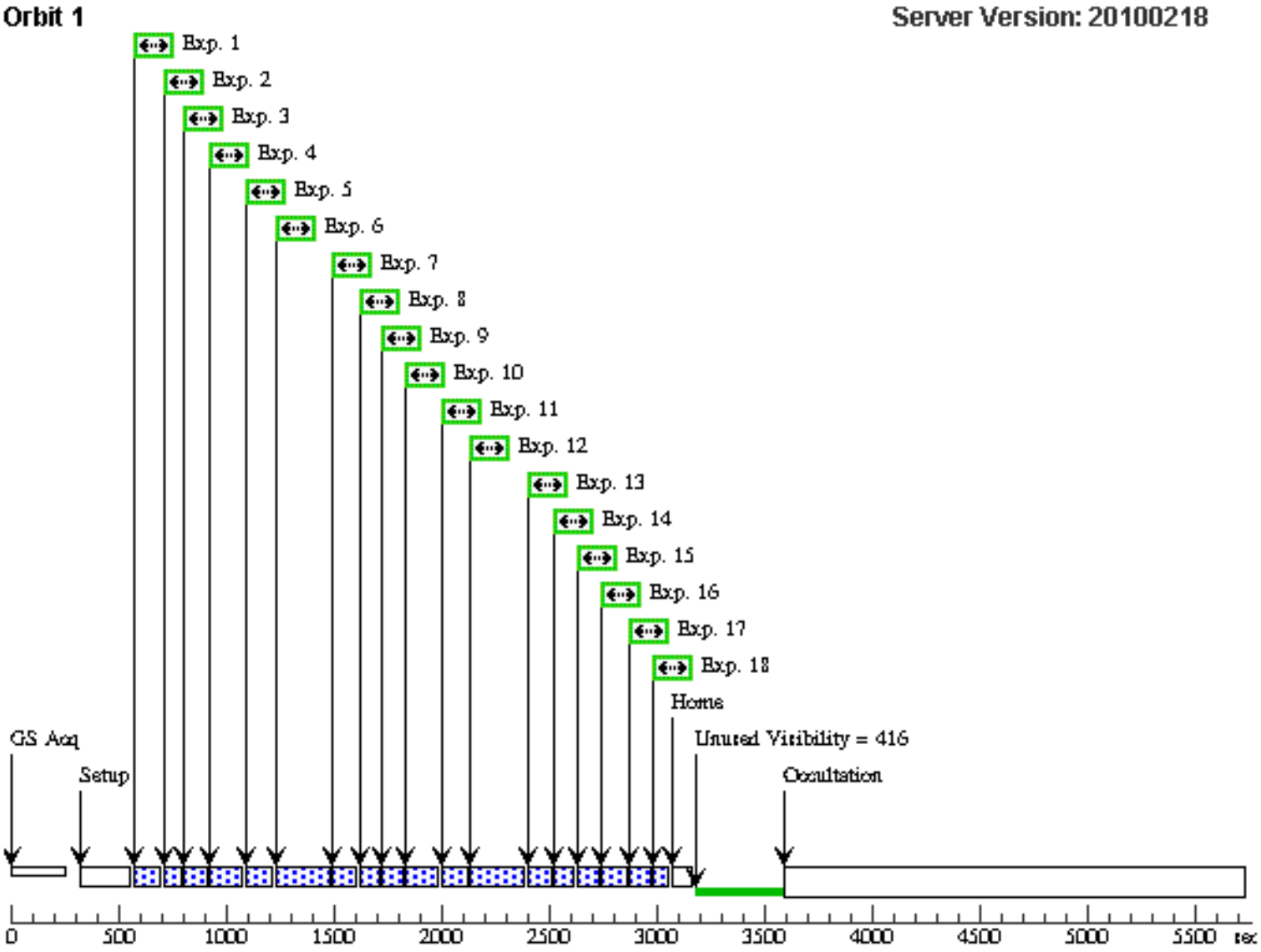
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(23)	SU-DRA	RA: 11 37 56.6071 (174.4858629d) Dec: +67 19 47.06 (67.32974d) Equinox: J2000	Proper Motion RA: -0.0081s/yr Proper Motion Dec: -0.0779"/yr Epoch of Position: 2000.0	V=10.15+/-0.5	Reference Frame: ICRS
(24)	SU-REF1	RA: 11 38 16.4527 (174.5685529d) Dec: +67 17 17.98 (67.28833d) Equinox: J2000		V=15.9+/-0.2	Reference Frame: ICRS
(25)	SU-155	RA: 11 37 44.9473 (174.4372804d) Dec: +67 20 19.83 (67.33884d) Equinox: J2000		V=13.8+/-0.5	Reference Frame: ICRS
(26)	SU-65 Alt Name1: BINARY-Q	RA: 11 38 2.8793 (174.5119971d) Dec: +67 19 59.90 (67.33331d) Equinox: J2000		V=14.1+/-0.5	Reference Frame: ICRS
(27)	SU-192	RA: 11 37 27.6380 (174.3651583d) Dec: +67 19 32.14 (67.32559d) Equinox: J2000		V=14.2+/-0.2	Reference Frame: ICRS
(28)	SU-194	RA: 11 37 40.7433 (174.4197638d) Dec: +67 17 8.13 (67.28559d) Equinox: J2000		V=14.9+/-0.2	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		POS TARG -44.6,-79.5; GS ACQ SCENARIO ONEB1T3	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
2	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	 ***[1]***
3	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
4	SU-194	(28) SU-194	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	60.0 Secs *[==>]*	 ***[1]***
5	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
6	SU-ref-1	(24) SU-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	60.0 Secs *[==>]*	 ***[1]***
7	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	 ***[1]***
8	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
9	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
10	SU-194	(28) SU-194	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	60.0 Secs *[==>]*	 ***[1]***
11	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
12	SU-ref-1	(24) SU-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	60.0 Secs *[==>]*	 ***[1]***
13	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	 ***[1]***
14	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
15	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
16	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
17	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
18	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	 ***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 0C, completed Wed May 05 01:41:26 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: SCHED 30%; ORIENT 138.5D TO 140 D; BETWEEN 01-MAY-2010:00:00:00 AND 15-MAY-2010:00:00:00

Comments: SU-DRA
To be executed in 2010 in 3-gyro mode only if visit 9C did NOT execute in 2009 in 2-gyro mode.

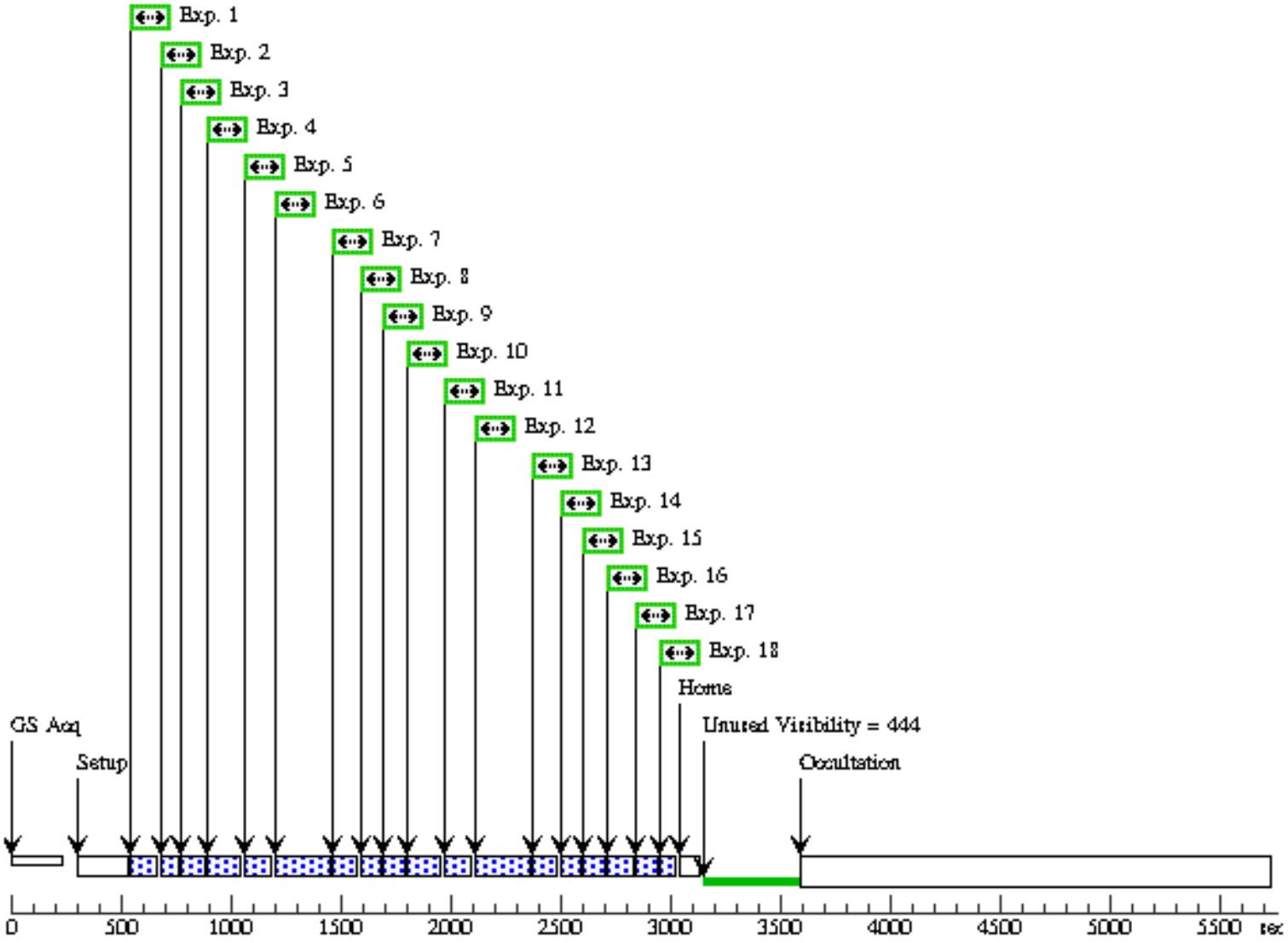
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(23)	SU-DRA	RA: 11 37 56.6071 (174.4858629d) Dec: +67 19 47.06 (67.32974d) Equinox: J2000	Proper Motion RA: -0.0081s/yr Proper Motion Dec: -0.0779"/yr Epoch of Position: 2000.0	V=10.15+/-0.5	Reference Frame: ICRS
(24)	SU-REF1	RA: 11 38 16.4527 (174.5685529d) Dec: +67 17 17.98 (67.28833d) Equinox: J2000		V=15.9+/-0.2	Reference Frame: ICRS
(25)	SU-155	RA: 11 37 44.9473 (174.4372804d) Dec: +67 20 19.83 (67.33884d) Equinox: J2000		V=13.8+/-0.5	Reference Frame: ICRS
(26)	SU-65 Alt Name1: BINARY-Q	RA: 11 38 2.8793 (174.5119971d) Dec: +67 19 59.90 (67.33331d) Equinox: J2000		V=14.1+/-0.5	Reference Frame: ICRS
(27)	SU-192	RA: 11 37 27.6380 (174.3651583d) Dec: +67 19 32.14 (67.32559d) Equinox: J2000		V=14.2+/-0.2	Reference Frame: ICRS
(28)	SU-194	RA: 11 37 40.7433 (174.4197638d) Dec: +67 17 8.13 (67.28559d) Equinox: J2000		V=14.9+/-0.2	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		POS TARG -146.4,34.0; GS ACQ SCENARIO ONEB1B3	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	***[1]***
2	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	***[1]***
3	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	***[1]***
4	SU-194	(28) SU-194	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	60.0 Secs *[==>]*	***[1]***
5	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	***[1]***
6	SU-ref-1	(24) SU-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	60.0 Secs *[==>]*	***[1]***
7	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	***[1]***
8	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	***[1]***
9	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	***[1]***
10	SU-194	(28) SU-194	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	60.0 Secs *[==>]*	***[1]***
11	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	***[1]***
12	SU-ref-1	(24) SU-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	60.0 Secs *[==>]*	***[1]***
13	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	***[1]***
14	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	***[1]***
15	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	***[1]***
16	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	***[1]***
17	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	***[1]***
18	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 9C, withdrawn Wed May 05 01:41:26 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: FGS

Special Requirements: GYRO MODE 2G; ORIENT 110D TO 129 D; BETWEEN 17-MAY-2009:00:00:00 AND 21-MAY-2009:00:00:00

Comments: SU-DRA
To be executed only in 2-gyro mode in 2009. Otherwise, execute visit 0C in 2010 in 3-gyro.

Diagnostics

(Visit 9C) Warning (Orbit Planner): VISIBILITY OVERRUN

(Visit 9C) Warning (Form): Gyro Mode overrides default value of 3GOBAD.

Fixed Targets

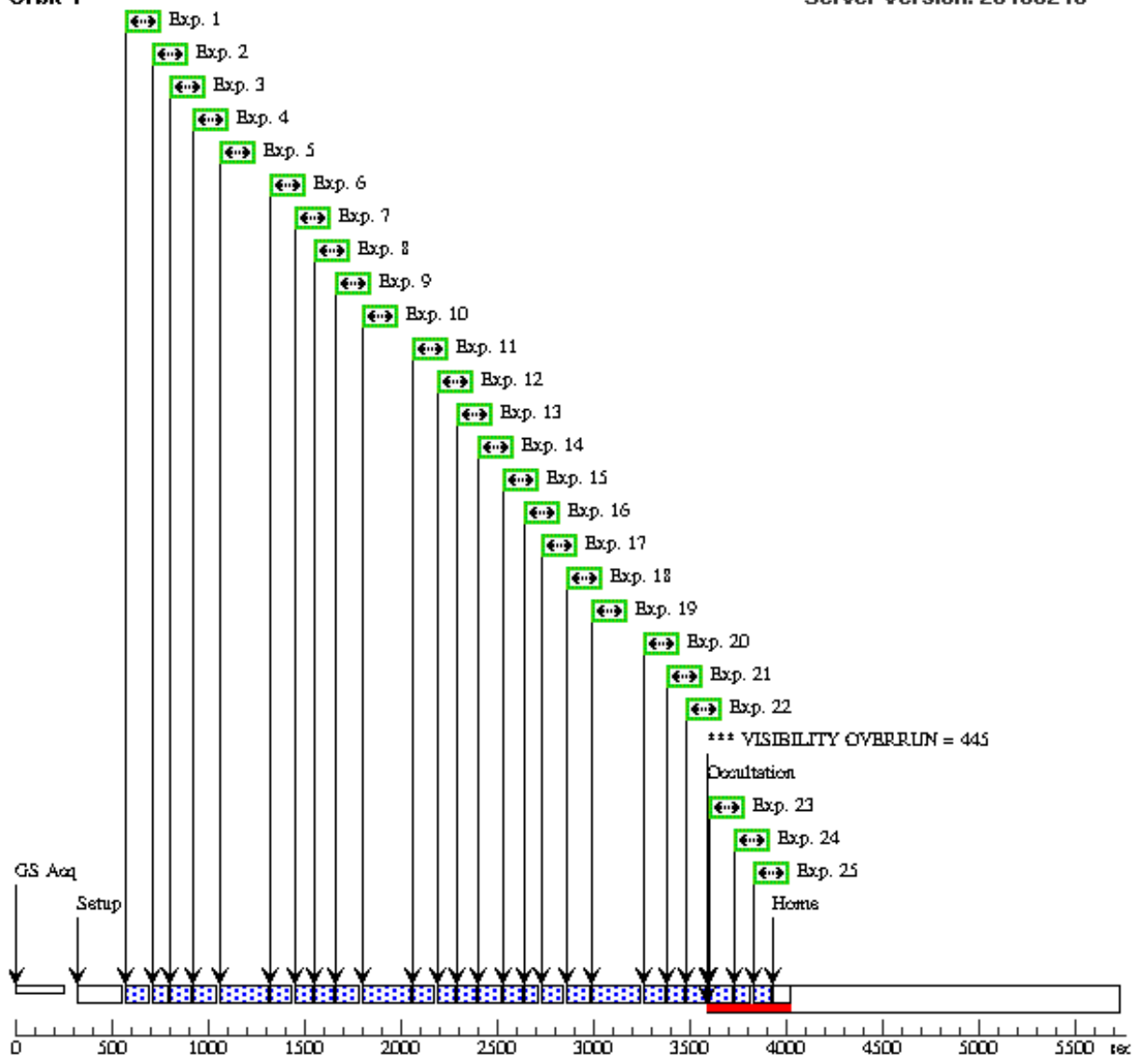
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(23)	SU-DRA	RA: 11 37 56.6071 (174.4858629d) Dec: +67 19 47.06 (67.32974d) Equinox: J2000	Proper Motion RA: -0.0081s/yr Proper Motion Dec: -0.0779"/yr Epoch of Position: 2000.0	V=10.15+/-0.5	Reference Frame: ICRS
(24)	SU-REF1	RA: 11 38 16.4527 (174.5685529d) Dec: +67 17 17.98 (67.28833d) Equinox: J2000		V=15.9+/-0.2	Reference Frame: ICRS
(25)	SU-155	RA: 11 37 44.9473 (174.4372804d) Dec: +67 20 19.83 (67.33884d) Equinox: J2000		V=13.8+/-0.5	Reference Frame: ICRS
(26)	SU-65 Alt Name1: BINARY-Q	RA: 11 38 2.8793 (174.5119971d) Dec: +67 19 59.90 (67.33331d) Equinox: J2000		V=14.1+/-0.5	Reference Frame: ICRS
(27)	SU-192	RA: 11 37 27.6380 (174.3651583d) Dec: +67 19 32.14 (67.32559d) Equinox: J2000		V=14.2+/-0.2	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		POS TARG -146.4,34.0; GS ACQ SCENARIO ONEB1T3	Sequence 1-25 Non-Int	40.0 Secs *[==>]*	 ***[1]***
2	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-25 Non-Int	20.0 Secs *[==>]*	 ***[1]***
3	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-25 Non-Int	40.0 Secs *[==>]*	 ***[1]***
4	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-25 Non-Int	40.0 Secs *[==>]*	 ***[1]***
5	SU-ref-1	(24) SU-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-25 Non-Int	60.0 Secs *[==>]*	 ***[1]***
6	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-25 Non-Int	20.0 Secs *[==>]*	 ***[1]***
7	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-25 Non-Int	40.0 Secs *[==>]*	 ***[1]***
8	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-25 Non-Int	40.0 Secs *[==>]*	 ***[1]***
9	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-25 Non-Int	40.0 Secs *[==>]*	 ***[1]***
10	SU-ref-1	(24) SU-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-25 Non-Int	60.0 Secs *[==>]*	 ***[1]***
11	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-25 Non-Int	20.0 Secs *[==>]*	 ***[1]***
12	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-25 Non-Int	40.0 Secs *[==>]*	 ***[1]***
13	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-25 Non-Int	40.0 Secs *[==>]*	 ***[1]***
14	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-25 Non-Int	40.0 Secs *[==>]*	 ***[1]***
15	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-25 Non-Int	40.0 Secs *[==>]*	 ***[1]***
16	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-25 Non-Int	20.0 Secs *[==>]*	 ***[1]***
17	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-25 Non-Int	40.0 Secs *[==>]*	 ***[1]***
18	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-25 Non-Int	40.0 Secs *[==>]*	 ***[1]***

	19	SU-ref-1	(24) SU-REF1	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-25 Non-Int	60.0 Secs	
								[==>]	***[1]***
	20	SU-155	(25) SU-155	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-25 Non-Int	20.0 Secs	
								[==>]	***[1]***
	21	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-25 Non-Int	40.0 Secs	
								[==>]	***[1]***
	22	SU-65	(26) SU-65	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-25 Non-Int	40.0 Secs	
								[==>]	***[1]***
	23	SU-192	(27) SU-192	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-25 Non-Int	40.0 Secs	
								[==>]	***[1]***
	24	SU-155	(25) SU-155	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-25 Non-Int	20.0 Secs	
								[==>]	***[1]***
	25	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-25 Non-Int	40.0 Secs	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 0D, failed Wed May 05 01:41:27 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: PCS MODE FINE; SCHED 30%; ORIENT 317D TO 332 D; BETWEEN 23-OCT-2009:00:00:00 AND 29-OCT-2009:00:00:00

Comments: SU-DRA

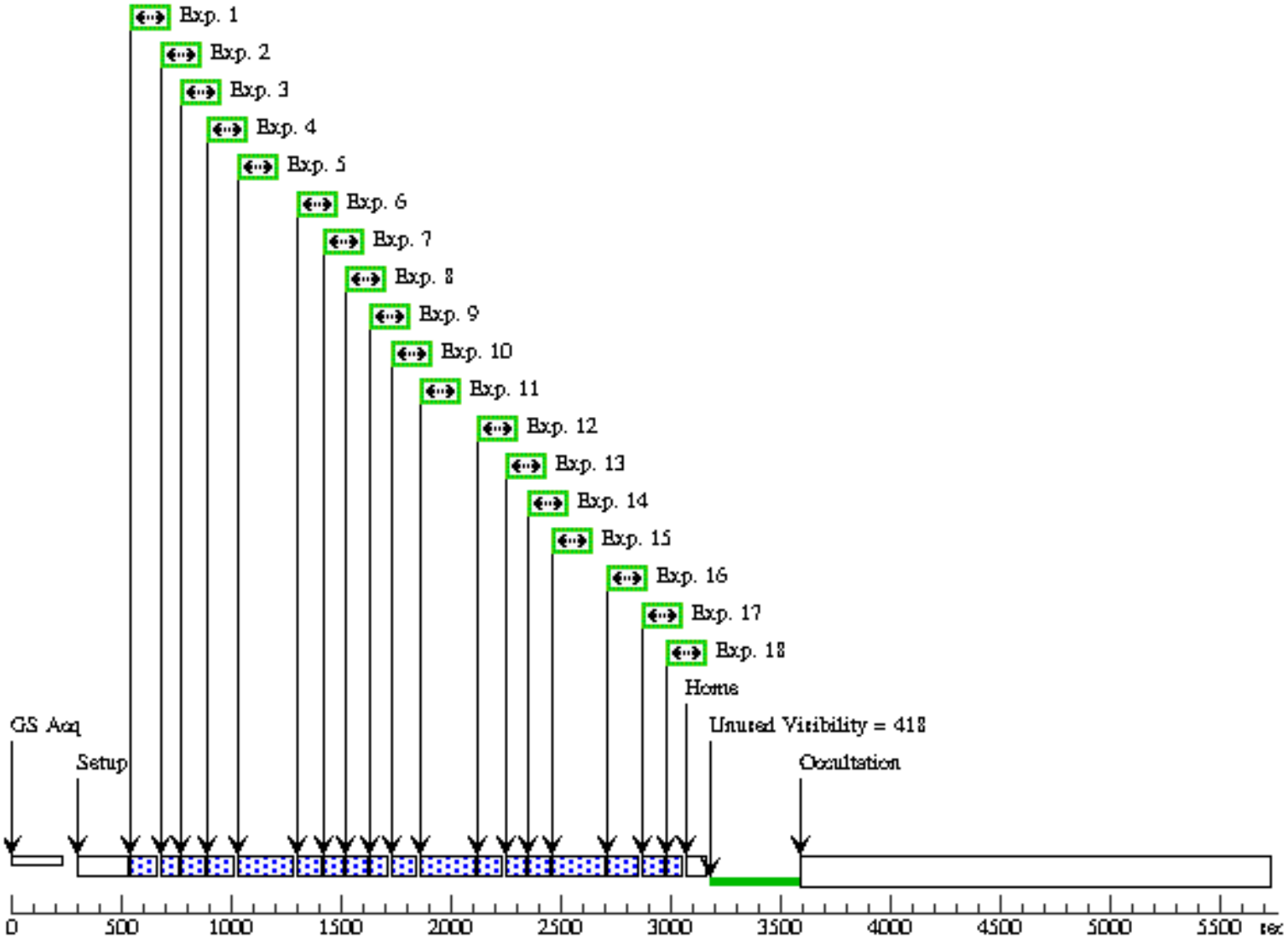
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(23)	SU-DRA	RA: 11 37 56.6071 (174.4858629d) Dec: +67 19 47.06 (67.32974d) Equinox: J2000	Proper Motion RA: -0.0081s/yr Proper Motion Dec: -0.0779"/yr Epoch of Position: 2000.0	V=10.15+/-0.5	Reference Frame: ICRS
(24)	SU-REF1	RA: 11 38 16.4527 (174.5685529d) Dec: +67 17 17.98 (67.28833d) Equinox: J2000		V=15.9+/-0.2	Reference Frame: ICRS
(25)	SU-155	RA: 11 37 44.9473 (174.4372804d) Dec: +67 20 19.83 (67.33884d) Equinox: J2000		V=13.8+/-0.5	Reference Frame: ICRS
(26)	SU-65 Alt Name1: BINARY-Q	RA: 11 38 2.8793 (174.5119971d) Dec: +67 19 59.90 (67.33331d) Equinox: J2000		V=14.1+/-0.5	Reference Frame: ICRS
(27)	SU-192	RA: 11 37 27.6380 (174.3651583d) Dec: +67 19 32.14 (67.32559d) Equinox: J2000		V=14.2+/-0.2	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		POS TARG 54.0,-59.0; GS ACQ SCENARIO ONEB1B3	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
2	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	 ***[1]***
3	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
4	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
5	SU-ref-1	(24) SU-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	60.0 Secs *[==>]*	 ***[1]***
6	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	 ***[1]***
7	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
8	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
9	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	 ***[1]***
10	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
11	SU-ref-1	(24) SU-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	60.0 Secs *[==>]*	 ***[1]***
12	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	 ***[1]***
13	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
14	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
15	SU-ref-1	(24) SU-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	60.0 Secs *[==>]*	 ***[1]***
16	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
17	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
18	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	 ***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 5D, completed Wed May 05 01:41:28 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: PCS MODE FINE; SCHED 30%; ORIENT 317D TO 332 D; BETWEEN 23-OCT-2009:00:00:00 AND 29-OCT-2009:00:00:00

Comments: SU-DRA - copy of lost visit 0D in 10/22/09 HST safing.

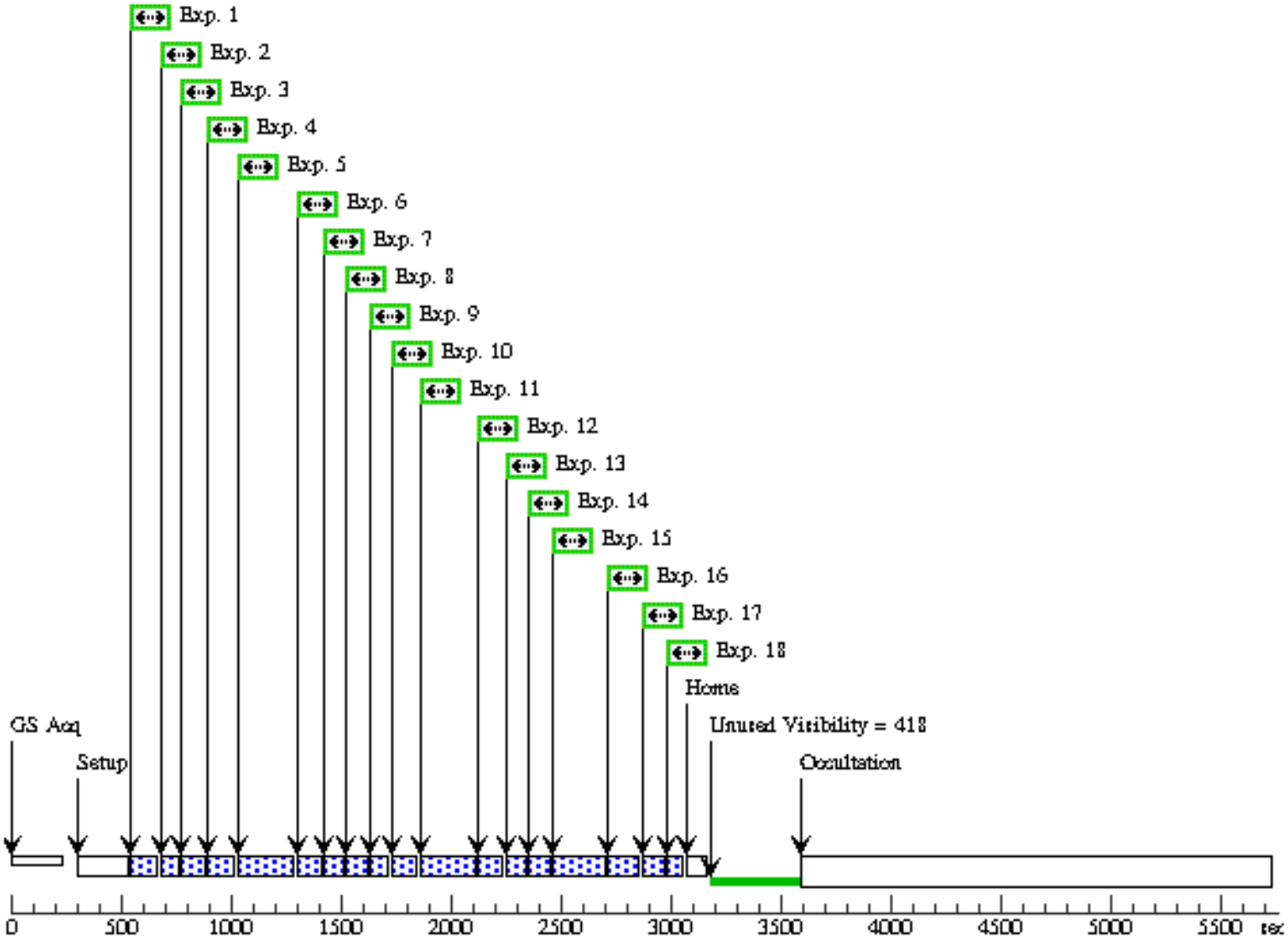
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(23)	SU-DRA	RA: 11 37 56.6071 (174.4858629d) Dec: +67 19 47.06 (67.32974d) Equinox: J2000	Proper Motion RA: -0.0081s/yr Proper Motion Dec: -0.0779"/yr Epoch of Position: 2000.0	V=10.15+/-0.5	Reference Frame: ICRS
(24)	SU-REF1	RA: 11 38 16.4527 (174.5685529d) Dec: +67 17 17.98 (67.28833d) Equinox: J2000		V=15.9+/-0.2	Reference Frame: ICRS
(25)	SU-155	RA: 11 37 44.9473 (174.4372804d) Dec: +67 20 19.83 (67.33884d) Equinox: J2000		V=13.8+/-0.5	Reference Frame: ICRS
(26)	SU-65 Alt Name1: BINARY-Q	RA: 11 38 2.8793 (174.5119971d) Dec: +67 19 59.90 (67.33331d) Equinox: J2000		V=14.1+/-0.5	Reference Frame: ICRS
(27)	SU-192	RA: 11 37 27.6380 (174.3651583d) Dec: +67 19 32.14 (67.32559d) Equinox: J2000		V=14.2+/-0.2	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		POS TARG 54.0,-59.0; GS ACQ SCENARIO ONEB1B3	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
2	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	 ***[1]***
3	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
4	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
5	SU-ref-1	(24) SU-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	60.0 Secs *[==>]*	 ***[1]***
6	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	 ***[1]***
7	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
8	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
9	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	 ***[1]***
10	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
11	SU-ref-1	(24) SU-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	60.0 Secs *[==>]*	 ***[1]***
12	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	 ***[1]***
13	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
14	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
15	SU-ref-1	(24) SU-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	60.0 Secs *[==>]*	 ***[1]***
16	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
17	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
18	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	 ***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 0E, completed Wed May 05 01:41:28 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: PCS MODE FINE; SCHED 30%; ORIENT 293D TO 334 D; BETWEEN 10-NOV-2009:00:00:00 AND 15-NOV-2009:00:00:00

Comments: SU-DRA

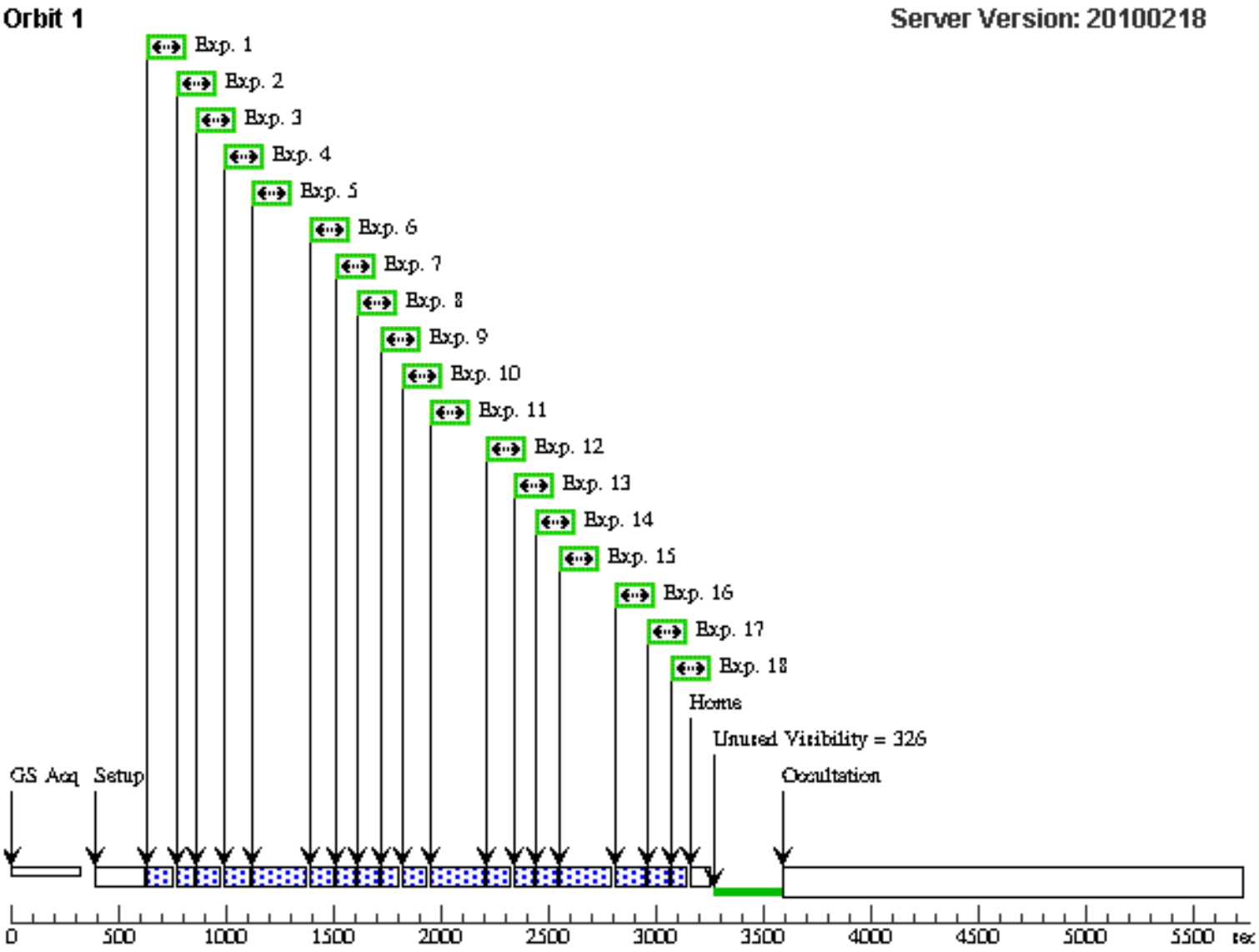
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(23)	SU-DRA	RA: 11 37 56.6071 (174.4858629d) Dec: +67 19 47.06 (67.32974d) Equinox: J2000	Proper Motion RA: -0.0081s/yr Proper Motion Dec: -0.0779"/yr Epoch of Position: 2000.0	V=10.15+/-0.5	Reference Frame: ICRS
(24)	SU-REF1	RA: 11 38 16.4527 (174.5685529d) Dec: +67 17 17.98 (67.28833d) Equinox: J2000		V=15.9+/-0.2	Reference Frame: ICRS
(25)	SU-155	RA: 11 37 44.9473 (174.4372804d) Dec: +67 20 19.83 (67.33884d) Equinox: J2000		V=13.8+/-0.5	Reference Frame: ICRS
(26)	SU-65 Alt Name1: BINARY-Q	RA: 11 38 2.8793 (174.5119971d) Dec: +67 19 59.90 (67.33331d) Equinox: J2000		V=14.1+/-0.5	Reference Frame: ICRS
(27)	SU-192	RA: 11 37 27.6380 (174.3651583d) Dec: +67 19 32.14 (67.32559d) Equinox: J2000		V=14.2+/-0.2	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		POS TARG 60.4,-56.4; GS ACQ SCENARIO BASE1B3	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
2	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	 ***[1]***
3	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
4	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
5	SU-ref-1	(24) SU-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	60.0 Secs *[==>]*	 ***[1]***
6	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	 ***[1]***
7	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
8	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
9	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	 ***[1]***
10	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
11	SU-ref-1	(24) SU-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	60.0 Secs *[==>]*	 ***[1]***
12	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	 ***[1]***
13	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
14	SU-65	(26) SU-65	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
15	SU-ref-1	(24) SU-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	60.0 Secs *[==>]*	 ***[1]***
16	SU-192	(27) SU-192	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
17	SU-DRA	(23) SU-DRA	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>]*	 ***[1]***
18	SU-155	(25) SU-155	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>]*	 ***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 1A, completed Wed May 05 01:41:28 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: PCS MODE FINE; SCHED 30%; ORIENT 154D TO 168 D; BETWEEN 13-NOV-2009:00:00:00 AND 16-NOV-2009:00:00:00

Comments: UV Oct

Fixed Targets

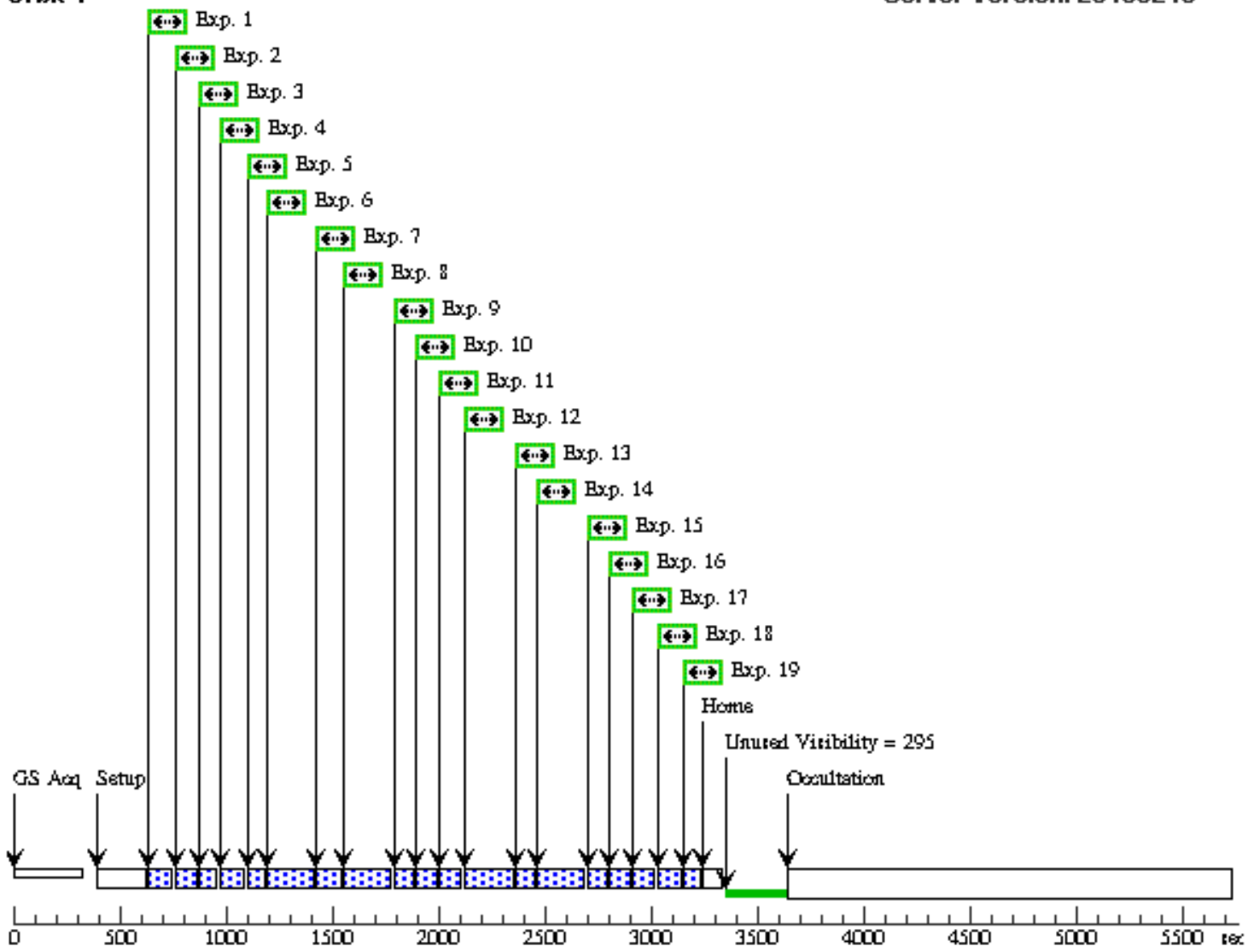
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	UV-OCT	RA: 16 32 25.5335 (248.1063896d) Dec: -83 54 10.51 (-83.90292d) Equinox: J2000	Proper Motion RA: -0.0363s/yr Proper Motion Dec: -0.1213"/yr Epoch of Position: 2000.0	V=9.55+/-0.5	Reference Frame: ICRS
(9)	UV-REF1	RA: 16 32 45.1368 (248.1880700d) Dec: -83 53 1.33 (-83.88370d) Equinox: J2000		V=15.9+/-0.2	Reference Frame: ICRS
(10)	UV-REF2	RA: 16 32 5.7425 (248.0239271d) Dec: -83 55 20.50 (-83.92236d) Equinox: J2000		V=16+/-0.2	Reference Frame: ICRS
(11)	UV-REF3	RA: 16 32 1.5853 (248.0066054d) Dec: -83 54 36.25 (-83.91007d) Equinox: J2000		V=14.5+/-0.5	Reference Frame: ICRS
(12)	UV-REF4 Alt Name1: BINARY-Q	RA: 16 32 42.9362 (248.1789008d) Dec: -83 53 42.80 (-83.89522d) Equinox: J2000		V=13.46+/-0.1	Reference Frame: ICRS
(13)	UV-403 Alt Name1: BINARY-Q	RA: 16 31 37.2361 (247.9051504d) Dec: -83 54 19.47 (-83.90541d) Equinox: J2000		V=14.46+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W		POS TARG 0,0; GS ACQ SCENARIO BASE1B3	Sequence 1-19 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***
2	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
3	UV-ref-4	(12) UV-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	20.0 Secs *[==>18.0 Secs]*	 ***[1]***
4	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
5	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***
6	UV-ref-1	(9) UV-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	60.0 Secs *[==>58.0 Secs]*	 ***[1]***
7	UV-ref-3	(11) UV-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
8	UV-ref-2	(10) UV-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	50.0 Secs *[==>48.0 Secs]*	 ***[1]***
9	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***
10	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
11	UV-ref-3	(11) UV-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
12	UV-ref-1	(9) UV-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	60.0 Secs *[==>58.0 Secs]*	 ***[1]***
13	UV-ref-4	(12) UV-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	20.0 Secs *[==>18.0 Secs]*	 ***[1]***
14	UV-ref-2	(10) UV-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	50.0 Secs *[==>48.0 Secs]*	 ***[1]***
15	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***
16	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
17	UV-ref-3	(11) UV-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
18	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***

	19	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-19 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 1B, completed Wed May 05 01:41:29 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: FGS

Special Requirements: PCS MODE FINE; GYRO MODE 2G; SCHED 30%; ORIENT 277D TO 293 D; BETWEEN 10-MAR-2009:00:00:00 AND 16-MAR-2009:00:00:00

Comments: UV Oct

Diagnostics

(Visit 1B) Warning (Form): Gyro Mode overrides default value of 3GOBAD.

Fixed Targets

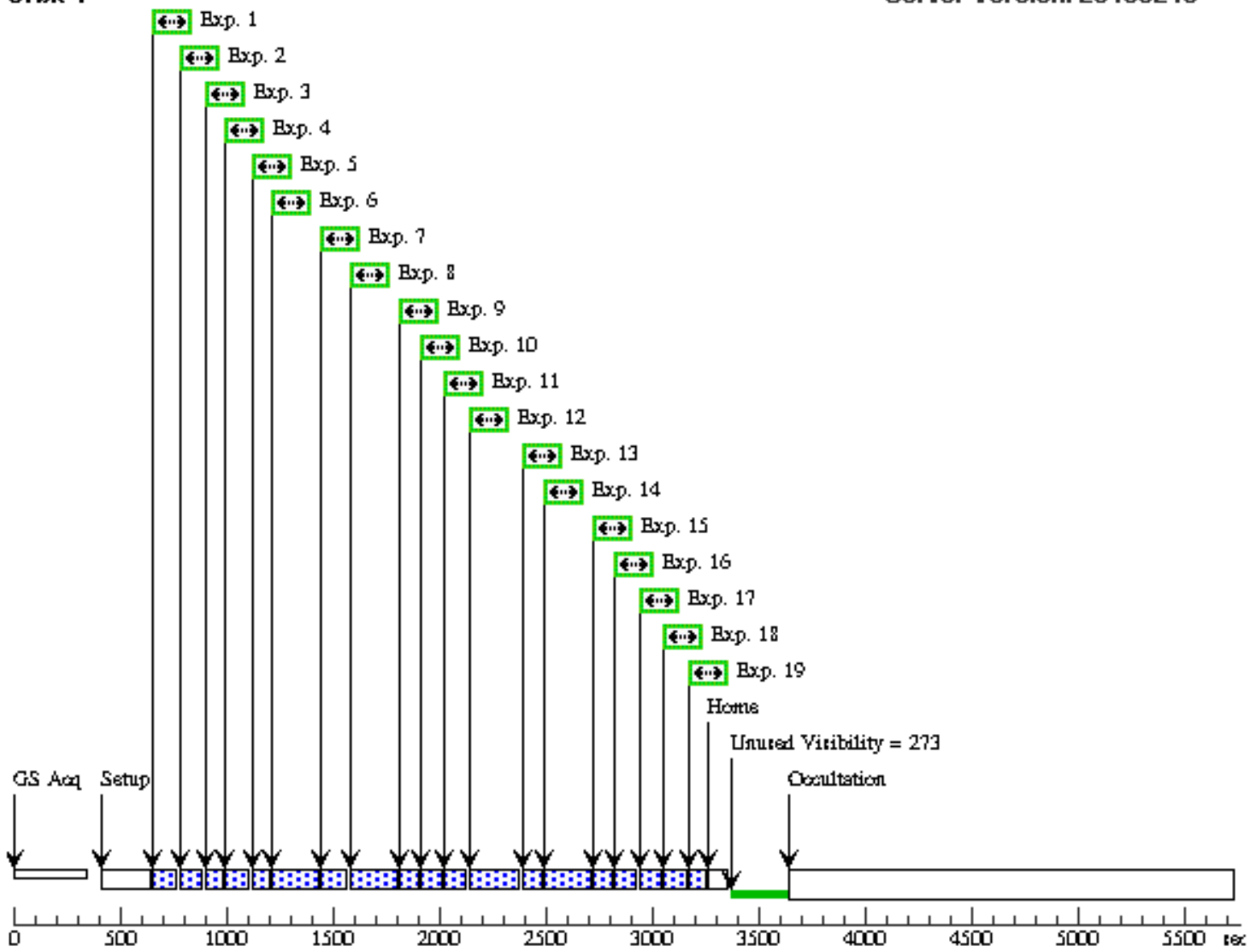
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	UV-OCT	RA: 16 32 25.5335 (248.1063896d) Dec: -83 54 10.51 (-83.90292d) Equinox: J2000	Proper Motion RA: -0.0363s/yr Proper Motion Dec: -0.1213"/yr Epoch of Position: 2000.0	V=9.55+/-0.5	Reference Frame: ICRS
(9)	UV-REF1	RA: 16 32 45.1368 (248.1880700d) Dec: -83 53 1.33 (-83.88370d) Equinox: J2000		V=15.9+/-0.2	Reference Frame: ICRS
(10)	UV-REF2	RA: 16 32 5.7425 (248.0239271d) Dec: -83 55 20.50 (-83.92236d) Equinox: J2000		V=16+/-0.2	Reference Frame: ICRS
(11)	UV-REF3	RA: 16 32 1.5853 (248.0066054d) Dec: -83 54 36.25 (-83.91007d) Equinox: J2000		V=14.5+/-0.5	Reference Frame: ICRS
(12)	UV-REF4 Alt Name1: BINARY-Q	RA: 16 32 42.9362 (248.1789008d) Dec: -83 53 42.80 (-83.89522d) Equinox: J2000		V=13.46+/-0.1	Reference Frame: ICRS
(13)	UV-403 Alt Name1: BINARY-Q	RA: 16 31 37.2361 (247.9051504d) Dec: -83 54 19.47 (-83.90541d) Equinox: J2000		V=14.46+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W		POS TARG 0,0; GS ACQ SCENARIO BASE1T3	Sequence 1-19 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***
2	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
3	UV-ref-4	(12) UV-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	20.0 Secs *[==>18.0 Secs]*	 ***[1]***
4	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
5	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***
6	UV-ref-1	(9) UV-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	60.0 Secs *[==>58.0 Secs]*	 ***[1]***
7	UV-ref-3	(11) UV-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
8	UV-ref-2	(10) UV-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	50.0 Secs *[==>48.0 Secs]*	 ***[1]***
9	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***
10	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
11	UV-ref-3	(11) UV-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
12	UV-ref-1	(9) UV-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	60.0 Secs *[==>58.0 Secs]*	 ***[1]***
13	UV-ref-4	(12) UV-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	20.0 Secs *[==>18.0 Secs]*	 ***[1]***
14	UV-ref-2	(10) UV-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	50.0 Secs *[==>48.0 Secs]*	 ***[1]***
15	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***
16	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
17	UV-ref-3	(11) UV-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
18	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***

	19	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-19 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 1C, completed Wed May 05 01:41:29 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: FGS

Special Requirements: PCS MODE FINE; GYRO MODE 2G; SCHED 30%; ORIENT 279D TO 322 D; BETWEEN 17-MAR-2009:00:00:00 AND 19-MAR-2009:00:00:00

Comments: UV Oct

Diagnostics

(Visit 1C) Warning (Form): Gyro Mode overrides default value of 3GOBAD.

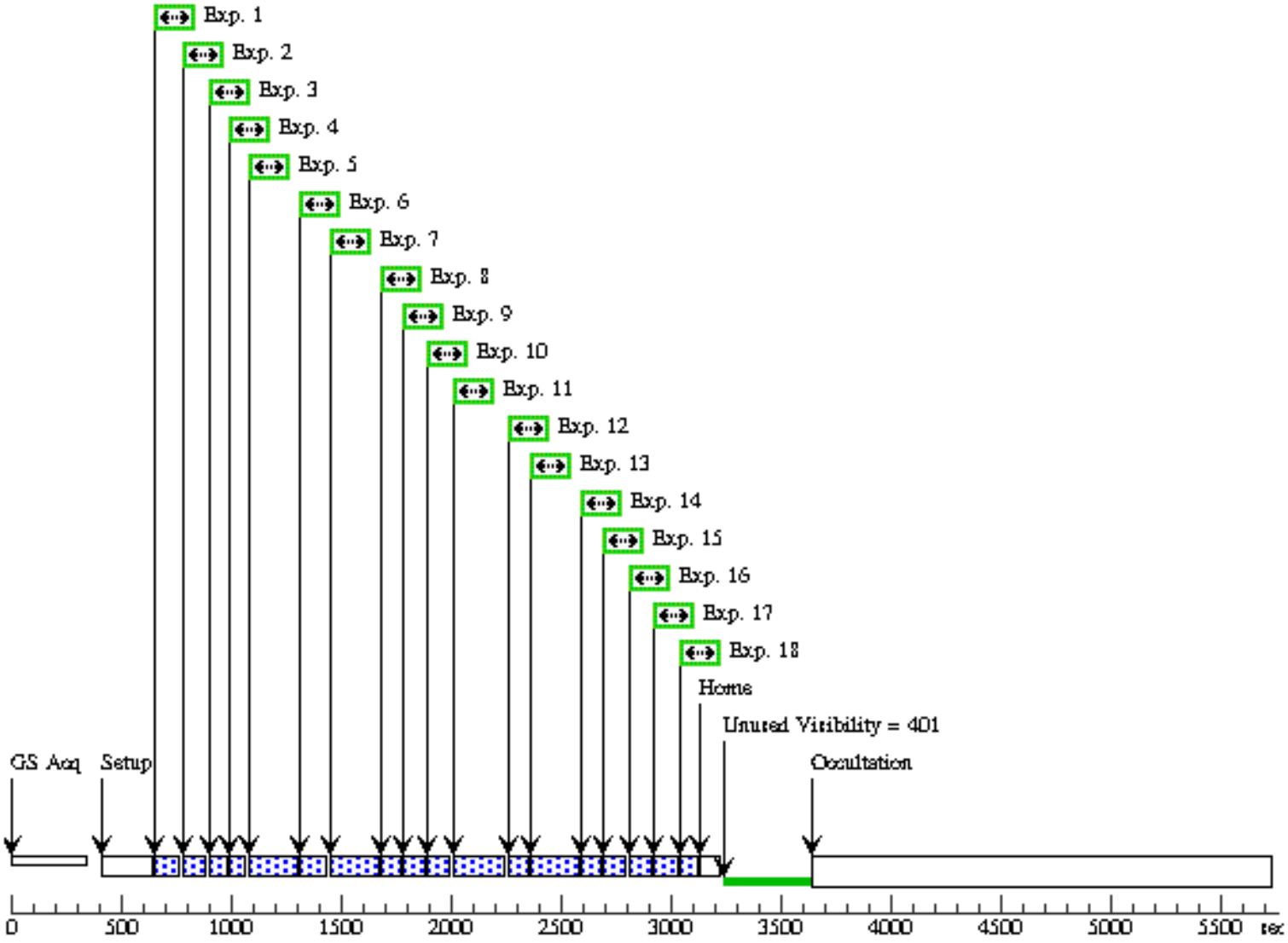
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	UV-OCT	RA: 16 32 25.5335 (248.1063896d) Dec: -83 54 10.51 (-83.90292d) Equinox: J2000	Proper Motion RA: -0.0363s/yr Proper Motion Dec: -0.1213"/yr Epoch of Position: 2000.0	V=9.55+/-0.5	Reference Frame: ICRS
(9)	UV-REF1	RA: 16 32 45.1368 (248.1880700d) Dec: -83 53 1.33 (-83.88370d) Equinox: J2000		V=15.9+/-0.2	Reference Frame: ICRS
(10)	UV-REF2	RA: 16 32 5.7425 (248.0239271d) Dec: -83 55 20.50 (-83.92236d) Equinox: J2000		V=16+/-0.2	Reference Frame: ICRS
(11)	UV-REF3	RA: 16 32 1.5853 (248.0066054d) Dec: -83 54 36.25 (-83.91007d) Equinox: J2000		V=14.5+/-0.5	Reference Frame: ICRS
(12)	UV-REF4 Alt Name1: BINARY-Q	RA: 16 32 42.9362 (248.1789008d) Dec: -83 53 42.80 (-83.89522d) Equinox: J2000		V=13.46+/-0.1	Reference Frame: ICRS
(13)	UV-403 Alt Name1: BINARY-Q	RA: 16 31 37.2361 (247.9051504d) Dec: -83 54 19.47 (-83.90541d) Equinox: J2000		V=14.46+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W		POS TARG 0,0; GS ACQ SCENARIO BASE1T3	Sequence 1-18 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***
2	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
3	UV-ref-4	(12) UV-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>18.0 Secs]*	 ***[1]***
4	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***
5	UV-ref-1	(9) UV-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	60.0 Secs *[==>58.0 Secs]*	 ***[1]***
6	UV-ref-3	(11) UV-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
7	UV-ref-2	(10) UV-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	50.0 Secs *[==>48.0 Secs]*	 ***[1]***
8	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***
9	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
10	UV-ref-3	(11) UV-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
11	UV-ref-1	(9) UV-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	60.0 Secs *[==>58.0 Secs]*	 ***[1]***
12	UV-ref-4	(12) UV-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	20.0 Secs *[==>18.0 Secs]*	 ***[1]***
13	UV-ref-2	(10) UV-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	50.0 Secs *[==>48.0 Secs]*	 ***[1]***
14	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***
15	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
16	UV-ref-3	(11) UV-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
17	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
18	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-18 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 1D, completed Wed May 05 01:41:30 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: PCS MODE FINE; SCHED 30%; ORIENT 67D TO 122 D; BETWEEN 01-SEP-2009:00:00:00 AND 06-SEP-2009:00:00:00

Comments: UV Oct

Fixed Targets

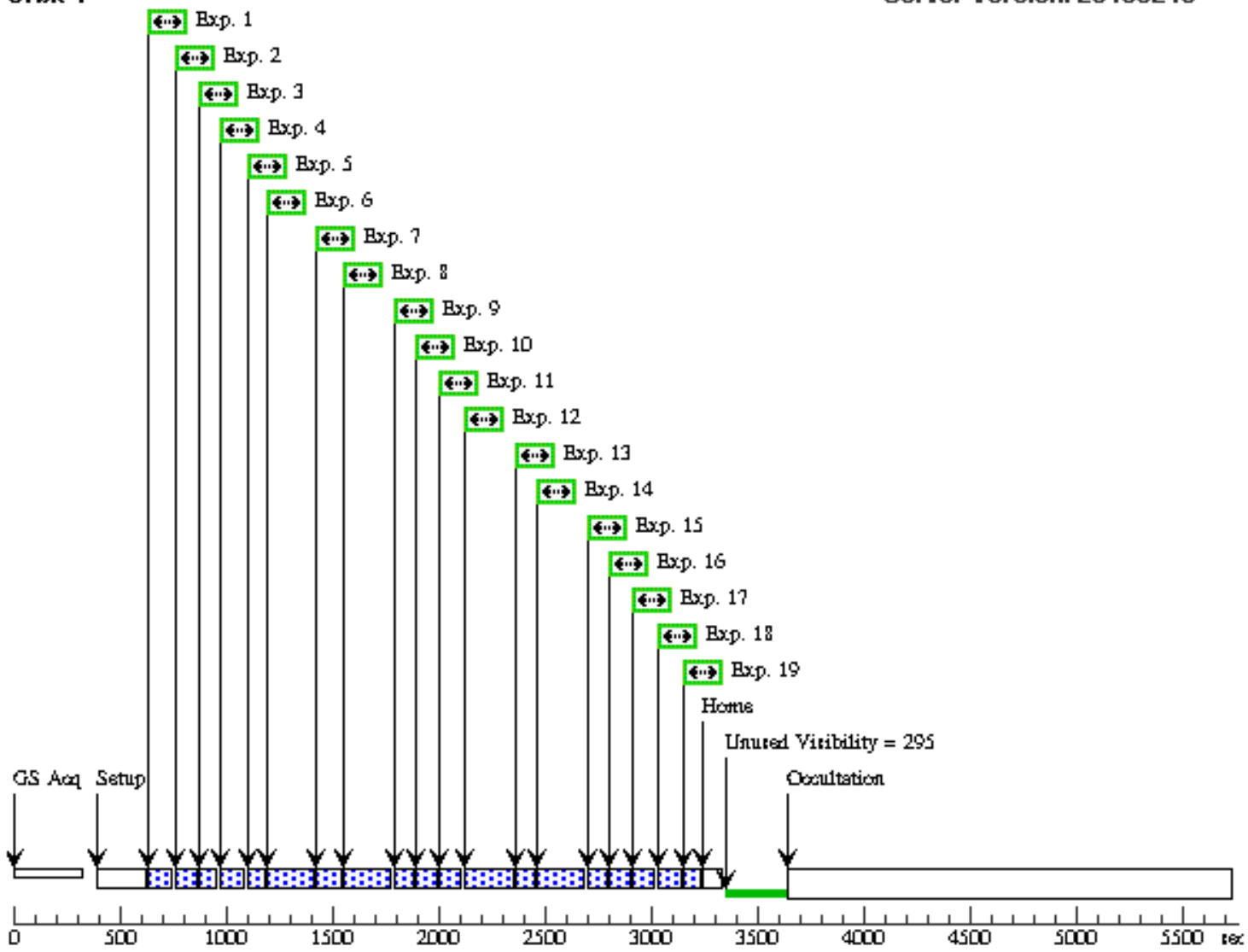
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	UV-OCT	RA: 16 32 25.5335 (248.1063896d) Dec: -83 54 10.51 (-83.90292d) Equinox: J2000	Proper Motion RA: -0.0363s/yr Proper Motion Dec: -0.1213"/yr Epoch of Position: 2000.0	V=9.55+/-0.5	Reference Frame: ICRS
(9)	UV-REF1	RA: 16 32 45.1368 (248.1880700d) Dec: -83 53 1.33 (-83.88370d) Equinox: J2000		V=15.9+/-0.2	Reference Frame: ICRS
(10)	UV-REF2	RA: 16 32 5.7425 (248.0239271d) Dec: -83 55 20.50 (-83.92236d) Equinox: J2000		V=16+/-0.2	Reference Frame: ICRS
(11)	UV-REF3	RA: 16 32 1.5853 (248.0066054d) Dec: -83 54 36.25 (-83.91007d) Equinox: J2000		V=14.5+/-0.5	Reference Frame: ICRS
(12)	UV-REF4 Alt Name1: BINARY-Q	RA: 16 32 42.9362 (248.1789008d) Dec: -83 53 42.80 (-83.89522d) Equinox: J2000		V=13.46+/-0.1	Reference Frame: ICRS
(13)	UV-403 Alt Name1: BINARY-Q	RA: 16 31 37.2361 (247.9051504d) Dec: -83 54 19.47 (-83.90541d) Equinox: J2000		V=14.46+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W		POS TARG 0,0; GS ACQ SCENARIO BASE1B3	Sequence 1-19 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***
2	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
3	UV-ref-4	(12) UV-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	20.0 Secs *[==>18.0 Secs]*	 ***[1]***
4	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
5	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***
6	UV-ref-1	(9) UV-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	60.0 Secs *[==>58.0 Secs]*	 ***[1]***
7	UV-ref-3	(11) UV-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
8	UV-ref-2	(10) UV-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	50.0 Secs *[==>48.0 Secs]*	 ***[1]***
9	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***
10	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
11	UV-ref-3	(11) UV-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
12	UV-ref-1	(9) UV-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	60.0 Secs *[==>58.0 Secs]*	 ***[1]***
13	UV-ref-4	(12) UV-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	20.0 Secs *[==>18.0 Secs]*	 ***[1]***
14	UV-ref-2	(10) UV-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	50.0 Secs *[==>48.0 Secs]*	 ***[1]***
15	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***
16	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
17	UV-ref-3	(11) UV-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
18	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***

	19	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-19 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 1E, completed Wed May 05 01:41:30 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: PCS MODE FINE; SCHED 30%; ORIENT 93D TO 123 D; BETWEEN 13-SEP-2009:00:00:00 AND 17-SEP-2009:00:00:00

Comments: UV Oct

Fixed Targets

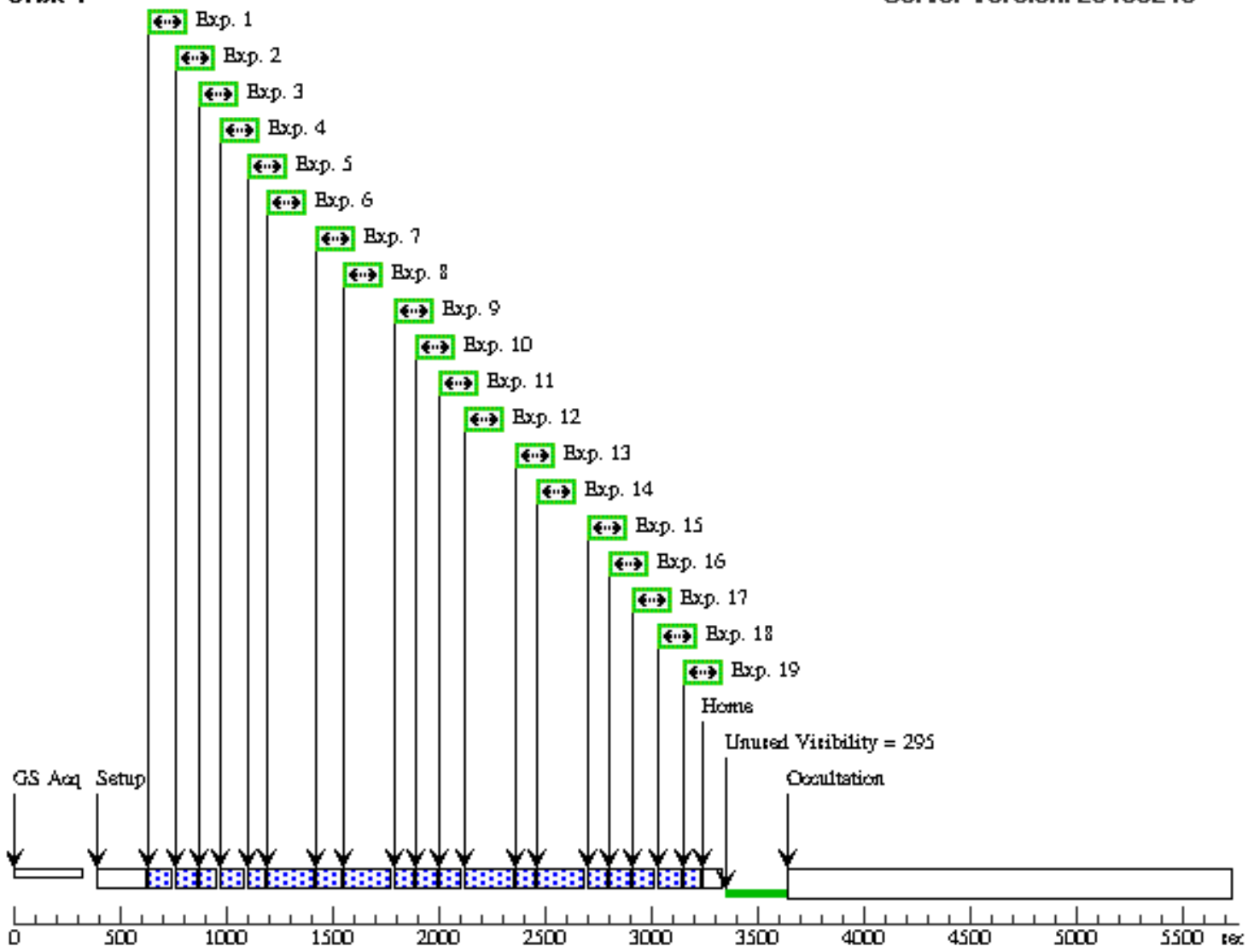
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	UV-OCT	RA: 16 32 25.5335 (248.1063896d) Dec: -83 54 10.51 (-83.90292d) Equinox: J2000	Proper Motion RA: -0.0363s/yr Proper Motion Dec: -0.1213"/yr Epoch of Position: 2000.0	V=9.55+/-0.5	Reference Frame: ICRS
(9)	UV-REF1	RA: 16 32 45.1368 (248.1880700d) Dec: -83 53 1.33 (-83.88370d) Equinox: J2000		V=15.9+/-0.2	Reference Frame: ICRS
(10)	UV-REF2	RA: 16 32 5.7425 (248.0239271d) Dec: -83 55 20.50 (-83.92236d) Equinox: J2000		V=16+/-0.2	Reference Frame: ICRS
(11)	UV-REF3	RA: 16 32 1.5853 (248.0066054d) Dec: -83 54 36.25 (-83.91007d) Equinox: J2000		V=14.5+/-0.5	Reference Frame: ICRS
(12)	UV-REF4 Alt Name1: BINARY-Q	RA: 16 32 42.9362 (248.1789008d) Dec: -83 53 42.80 (-83.89522d) Equinox: J2000		V=13.46+/-0.1	Reference Frame: ICRS
(13)	UV-403 Alt Name1: BINARY-Q	RA: 16 31 37.2361 (247.9051504d) Dec: -83 54 19.47 (-83.90541d) Equinox: J2000		V=14.46+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W		POS TARG 0,0; GS ACQ SCENARIO BASE1B3	Sequence 1-19 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***
2	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
3	UV-ref-4	(12) UV-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	20.0 Secs *[==>18.0 Secs]*	 ***[1]***
4	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
5	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***
6	UV-ref-1	(9) UV-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	60.0 Secs *[==>58.0 Secs]*	 ***[1]***
7	UV-ref-3	(11) UV-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
8	UV-ref-2	(10) UV-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	50.0 Secs *[==>48.0 Secs]*	 ***[1]***
9	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***
10	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
11	UV-ref-3	(11) UV-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
12	UV-ref-1	(9) UV-REF1	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	60.0 Secs *[==>58.0 Secs]*	 ***[1]***
13	UV-ref-4	(12) UV-REF4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	20.0 Secs *[==>18.0 Secs]*	 ***[1]***
14	UV-ref-2	(10) UV-REF2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	50.0 Secs *[==>48.0 Secs]*	 ***[1]***
15	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***
16	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
17	UV-ref-3	(11) UV-REF3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***
18	UV-403	(13) UV-403	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-19 Non-Int	40.0 Secs *[==>38.0 Secs]*	 ***[1]***

	19	UV-OCT	(8) UV-OCT	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-19 Non-Int	30.0 Secs *[==>28.0 Secs]*	 ***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 2A, completed Wed May 05 01:41:30 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: FGS

Special Requirements: PCS MODE FINE; GYRO MODE 2G; SCHED 30%; ORIENT 268D TO 328 D; BETWEEN 29-NOV-2008:00:00:00 AND 01-DEC-2008:00:00:00

Comments: VY-PYX

Diagnostics

(Visit 2A) Warning (Form): Gyro Mode overrides default value of 3GOBAD.

Fixed Targets

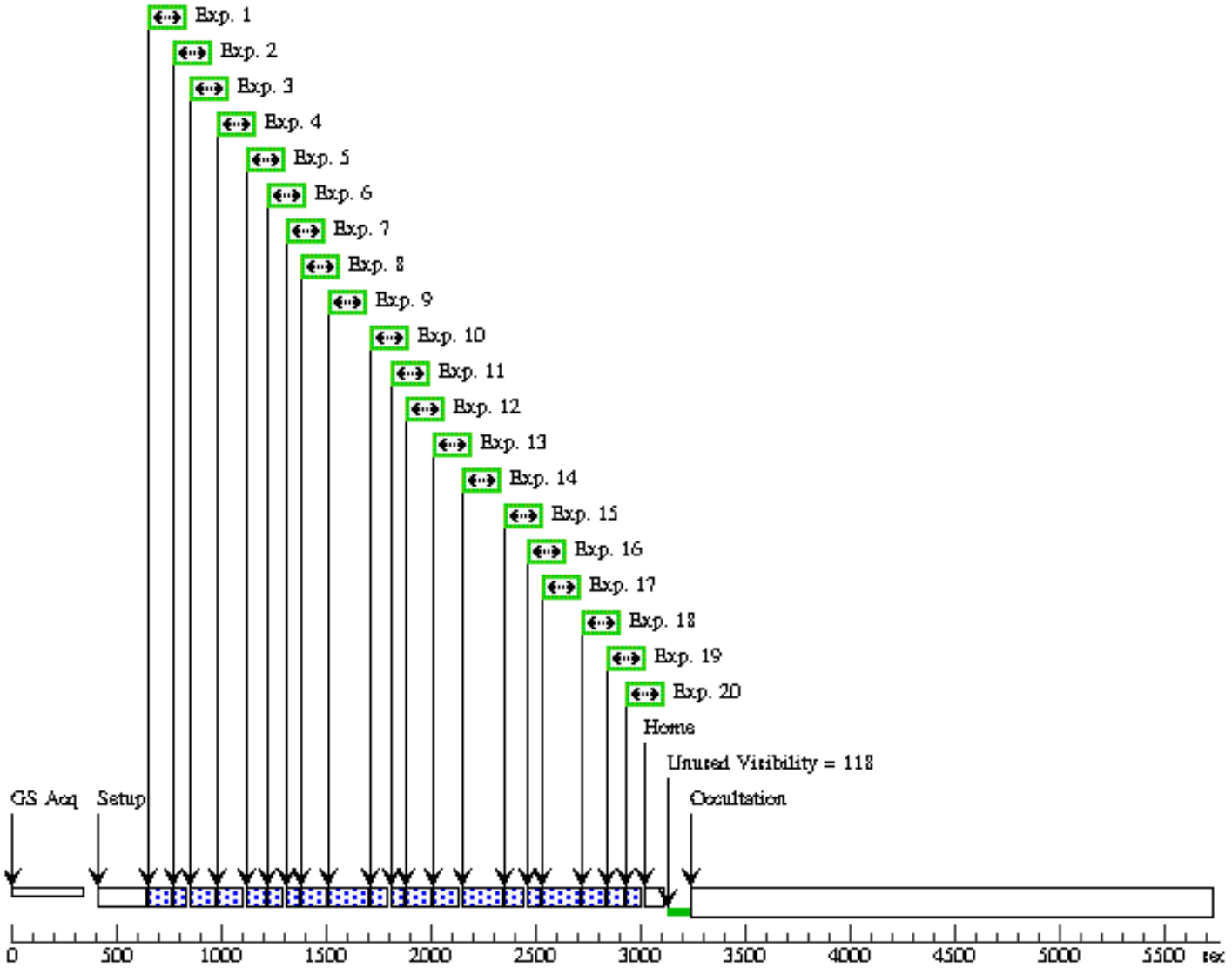
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(38)	VY-PYX	RA: 08 54 29.6306 (133.6234608d) Dec: -23 31 18.58 (-23.52183d) Equinox: J2000	Proper Motion RA: 0.00081s/yr Proper Motion Dec: 0.02936"/yr Epoch of Position: 2000.0	V=8.1+/-0.05	Reference Frame: ICRS
(39)	VY-REF-2	RA: 08 54 28.5775 (133.6190729d) Dec: -23 30 58.34 (-23.51621d) Equinox: J2000		V=12.42+/-0.1	Reference Frame: ICRS
(40)	VY-REF-3	RA: 08 54 25.7312 (133.6072133d) Dec: -23 31 49.95 (-23.53054d) Equinox: J2000		V=14.9+/-0.1	Reference Frame: ICRS
(41)	VY-REF-4	RA: 08 54 28.1314 (133.6172142d) Dec: -23 31 50.96 (-23.53082d) Equinox: J2000		V=14.96+/-0.1	Reference Frame: ICRS
(42)	VY-REF-5	RA: 08 54 30.0693 (133.6252888d) Dec: -23 32 20.52 (-23.53903d) Equinox: J2000		V=13.53+/-0.1	Reference Frame: ICRS
(43)	VY-REF-6	RA: 08 54 35.3893 (133.6474554d) Dec: -23 30 52.40 (-23.51456d) Equinox: J2000		V=15.6+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		POS TARG 0,0; GS ACQ SCENARIO BASE1T3	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
2	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
3	VY-ref-3	(40) VY-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
4	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
5	VY-ref-5	(42) VY-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***
6	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
7	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
8	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
9	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
10	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
11	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
12	VY-ref-3	(40) VY-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
13	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
14	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
15	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***
16	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
17	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
18	VY-ref-5	(42) VY-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***

	19	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs	
								[==>32.0 Secs]	***[1]***
	20	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs	
								[==>32.0 Secs]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 2B, completed Wed May 05 01:41:31 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: FGS

Special Requirements: PCS MODE FINE; GYRO MODE 2G; SCHED 30%; ORIENT 290D TO 350 D; BETWEEN 15-DEC-2008:00:00:00 AND 22-DEC-2008:00:00:00

Comments: VY-PYX

Diagnostics

(Visit 2B) Warning (Form): Gyro Mode overrides default value of 3GOBAD.

Fixed Targets

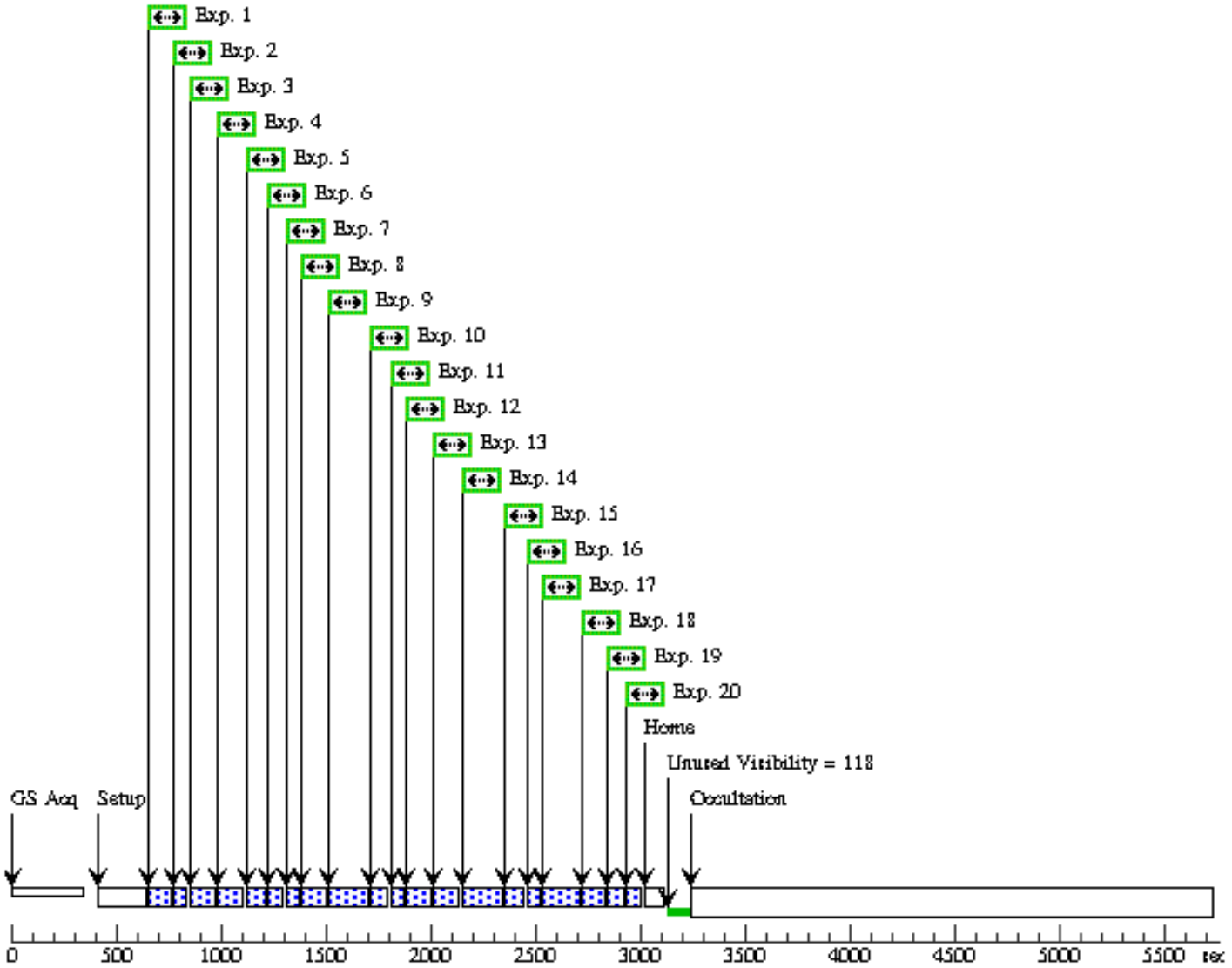
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(38)	VY-PYX	RA: 08 54 29.6306 (133.6234608d) Dec: -23 31 18.58 (-23.52183d) Equinox: J2000	Proper Motion RA: 0.00081s/yr Proper Motion Dec: 0.02936"/yr Epoch of Position: 2000.0	V=8.1+/-0.05	Reference Frame: ICRS
(39)	VY-REF-2	RA: 08 54 28.5775 (133.6190729d) Dec: -23 30 58.34 (-23.51621d) Equinox: J2000		V=12.42+/-0.1	Reference Frame: ICRS
(40)	VY-REF-3	RA: 08 54 25.7312 (133.6072133d) Dec: -23 31 49.95 (-23.53054d) Equinox: J2000		V=14.9+/-0.1	Reference Frame: ICRS
(41)	VY-REF-4	RA: 08 54 28.1314 (133.6172142d) Dec: -23 31 50.96 (-23.53082d) Equinox: J2000		V=14.96+/-0.1	Reference Frame: ICRS
(42)	VY-REF-5	RA: 08 54 30.0693 (133.6252888d) Dec: -23 32 20.52 (-23.53903d) Equinox: J2000		V=13.53+/-0.1	Reference Frame: ICRS
(43)	VY-REF-6	RA: 08 54 35.3893 (133.6474554d) Dec: -23 30 52.40 (-23.51456d) Equinox: J2000		V=15.6+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		POS TARG 0,0; GS ACQ SCENARIO BASE1T3	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
2	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
3	VY-ref-3	(40) VY-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
4	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
5	VY-ref-5	(42) VY-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***
6	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
7	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
8	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
9	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
10	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
11	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
12	VY-ref-3	(40) VY-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
13	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
14	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
15	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***
16	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
17	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
18	VY-ref-5	(42) VY-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***

	19	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs	
								[==>32.0 Secs]	***[1]***
	20	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs	
								[==>32.0 Secs]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 2C, completed Wed May 05 01:41:31 GMT 2010

Diagnostic Status: Warning

Scientific Instruments: FGS

Special Requirements: PCS MODE FINE; GYRO MODE 2G; SCHED 30%; ORIENT 326D TO 26 D; BETWEEN 29-JAN-2009:00:00:00 AND 01-FEB-2009:00:00:00

Comments: VY-PYX

Diagnostics

(Visit 2C) Warning (Form): Gyro Mode overrides default value of 3GOBAD.

Fixed Targets

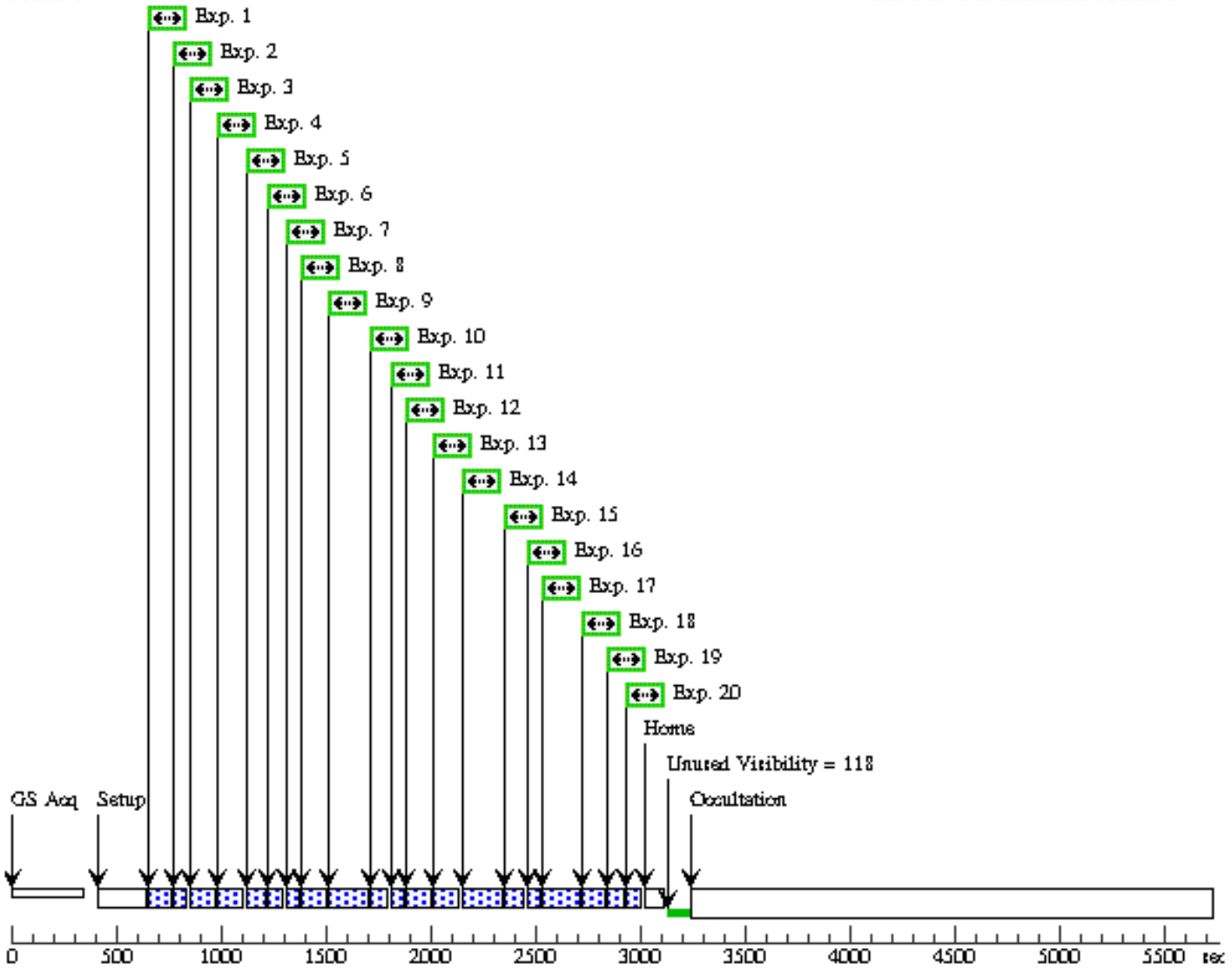
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(38)	VY-PYX	RA: 08 54 29.6306 (133.6234608d) Dec: -23 31 18.58 (-23.52183d) Equinox: J2000	Proper Motion RA: 0.00081s/yr Proper Motion Dec: 0.02936"/yr Epoch of Position: 2000.0	V=8.1+/-0.05	Reference Frame: ICRS
(39)	VY-REF-2	RA: 08 54 28.5775 (133.6190729d) Dec: -23 30 58.34 (-23.51621d) Equinox: J2000		V=12.42+/-0.1	Reference Frame: ICRS
(40)	VY-REF-3	RA: 08 54 25.7312 (133.6072133d) Dec: -23 31 49.95 (-23.53054d) Equinox: J2000		V=14.9+/-0.1	Reference Frame: ICRS
(41)	VY-REF-4	RA: 08 54 28.1314 (133.6172142d) Dec: -23 31 50.96 (-23.53082d) Equinox: J2000		V=14.96+/-0.1	Reference Frame: ICRS
(42)	VY-REF-5	RA: 08 54 30.0693 (133.6252888d) Dec: -23 32 20.52 (-23.53903d) Equinox: J2000		V=13.53+/-0.1	Reference Frame: ICRS
(43)	VY-REF-6	RA: 08 54 35.3893 (133.6474554d) Dec: -23 30 52.40 (-23.51456d) Equinox: J2000		V=15.6+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		POS TARG 0,0; GS ACQ SCENARIO BASE1T3	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
2	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
3	VY-ref-3	(40) VY-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
4	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
5	VY-ref-5	(42) VY-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***
6	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
7	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
8	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
9	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
10	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
11	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
12	VY-ref-3	(40) VY-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
13	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
14	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
15	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***
16	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
17	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
18	VY-ref-5	(42) VY-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***

	19	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs	
								[==>32.0 Secs]	***[1]***
	20	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs	
								[==>32.0 Secs]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 2D, completed Wed May 05 01:41:32 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: SCHED 30%; ORIENT 49D TO 109 D; BETWEEN 01-APR-2010:00:00:00 AND 04-APR-2010:00:00:00

Comments: VY-PYX

Fixed Targets

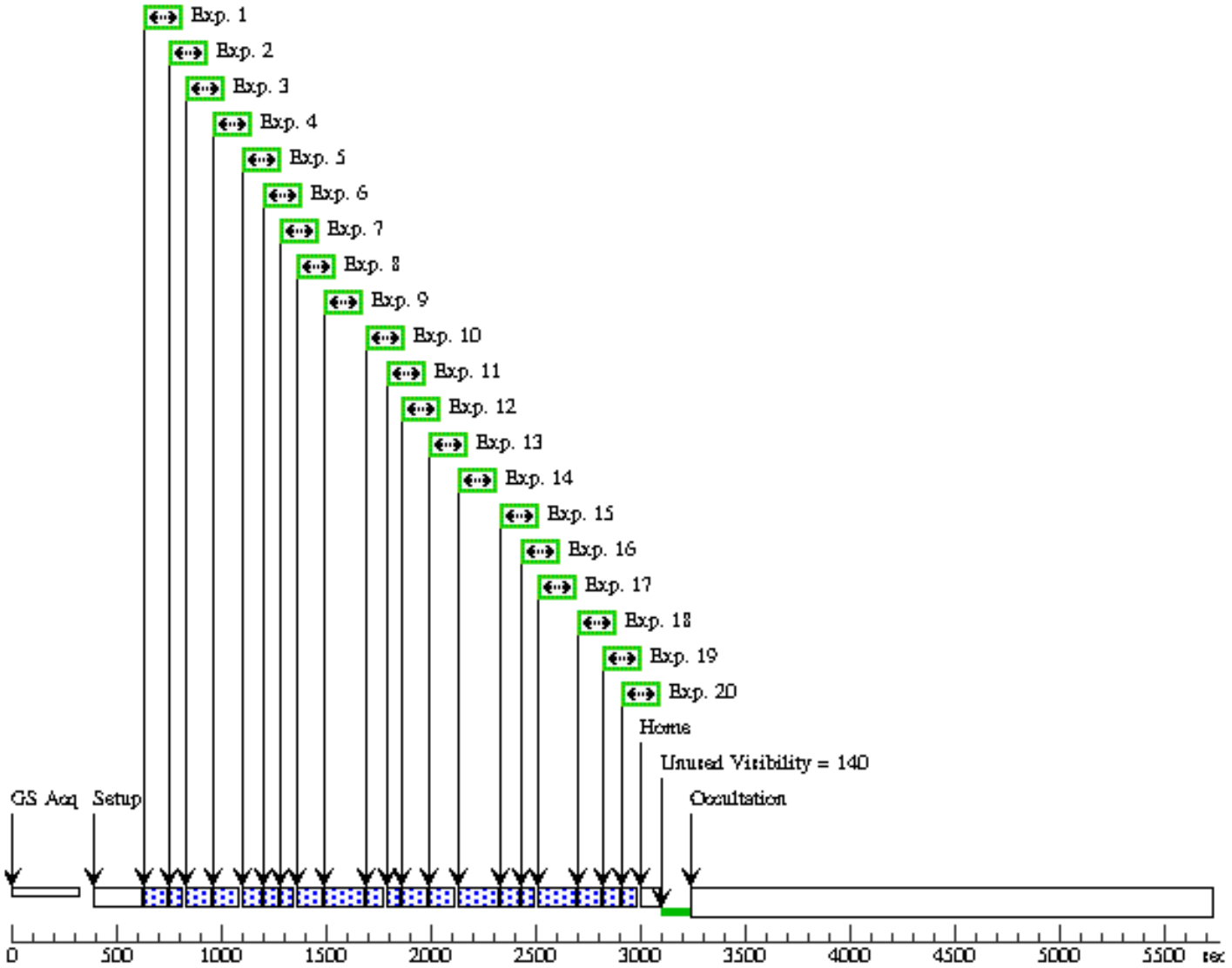
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(38)	VY-PYX	RA: 08 54 29.6306 (133.6234608d) Dec: -23 31 18.58 (-23.52183d) Equinox: J2000	Proper Motion RA: 0.00081s/yr Proper Motion Dec: 0.02936"/yr Epoch of Position: 2000.0	V=8.1+/-0.05	Reference Frame: ICRS
(39)	VY-REF-2	RA: 08 54 28.5775 (133.6190729d) Dec: -23 30 58.34 (-23.51621d) Equinox: J2000		V=12.42+/-0.1	Reference Frame: ICRS
(40)	VY-REF-3	RA: 08 54 25.7312 (133.6072133d) Dec: -23 31 49.95 (-23.53054d) Equinox: J2000		V=14.9+/-0.1	Reference Frame: ICRS
(41)	VY-REF-4	RA: 08 54 28.1314 (133.6172142d) Dec: -23 31 50.96 (-23.53082d) Equinox: J2000		V=14.96+/-0.1	Reference Frame: ICRS
(42)	VY-REF-5	RA: 08 54 30.0693 (133.6252888d) Dec: -23 32 20.52 (-23.53903d) Equinox: J2000		V=13.53+/-0.1	Reference Frame: ICRS
(43)	VY-REF-6	RA: 08 54 35.3893 (133.6474554d) Dec: -23 30 52.40 (-23.51456d) Equinox: J2000		V=15.6+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		POS TARG 0,0; GS ACQ SCENARIO BASE1B3	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
2	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
3	VY-ref-3	(40) VY-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
4	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
5	VY-ref-5	(42) VY-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***
6	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
7	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
8	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
9	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
10	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
11	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
12	VY-ref-3	(40) VY-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
13	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
14	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
15	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***
16	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
17	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
18	VY-ref-5	(42) VY-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***

	19	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs	
								[==>32.0 Secs]	***[1]***
	20	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs	
								[==>32.0 Secs]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 2E, completed Wed May 05 01:41:32 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: SCHED 30%; ORIENT 60D TO 120 D; BETWEEN 15-APR-2010:00:00:00 AND 20-APR-2010:00:00:00

Comments: VY-PYX

Fixed Targets

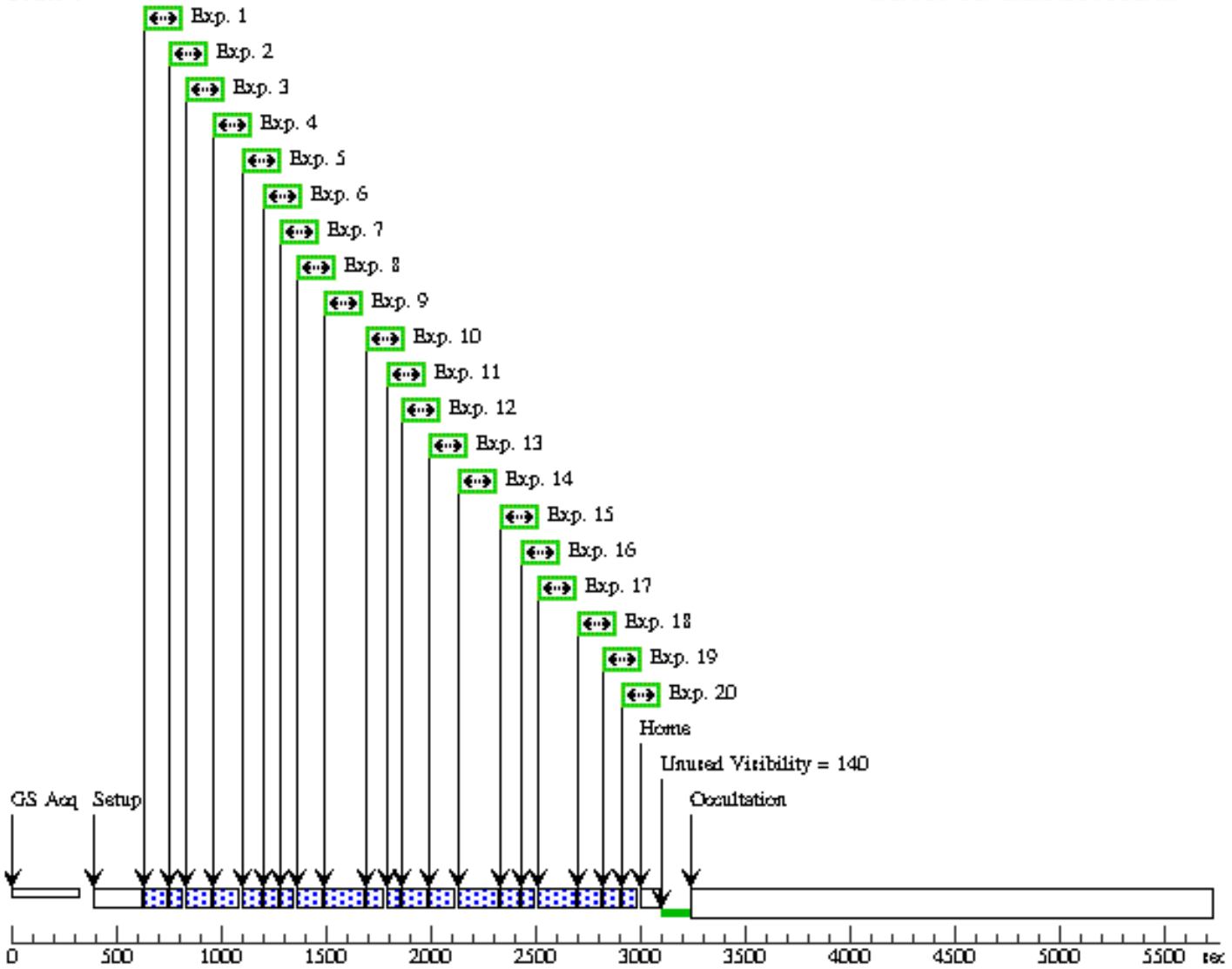
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(38)	VY-PYX	RA: 08 54 29.6306 (133.6234608d) Dec: -23 31 18.58 (-23.52183d) Equinox: J2000	Proper Motion RA: 0.00081s/yr Proper Motion Dec: 0.02936"/yr Epoch of Position: 2000.0	V=8.1+/-0.05	Reference Frame: ICRS
(39)	VY-REF-2	RA: 08 54 28.5775 (133.6190729d) Dec: -23 30 58.34 (-23.51621d) Equinox: J2000		V=12.42+/-0.1	Reference Frame: ICRS
(40)	VY-REF-3	RA: 08 54 25.7312 (133.6072133d) Dec: -23 31 49.95 (-23.53054d) Equinox: J2000		V=14.9+/-0.1	Reference Frame: ICRS
(41)	VY-REF-4	RA: 08 54 28.1314 (133.6172142d) Dec: -23 31 50.96 (-23.53082d) Equinox: J2000		V=14.96+/-0.1	Reference Frame: ICRS
(42)	VY-REF-5	RA: 08 54 30.0693 (133.6252888d) Dec: -23 32 20.52 (-23.53903d) Equinox: J2000		V=13.53+/-0.1	Reference Frame: ICRS
(43)	VY-REF-6	RA: 08 54 35.3893 (133.6474554d) Dec: -23 30 52.40 (-23.51456d) Equinox: J2000		V=15.6+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		POS TARG 0,0; GS ACQ SCENARIO BASE1B3	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
2	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
3	VY-ref-3	(40) VY-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
4	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
5	VY-ref-5	(42) VY-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***
6	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
7	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
8	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
9	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
10	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
11	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
12	VY-ref-3	(40) VY-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
13	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
14	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
15	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***
16	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
17	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
18	VY-ref-5	(42) VY-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***

	19	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs	
								[==>32.0 Secs]	***[1]***
	20	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs	
								[==>32.0 Secs]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 2F, scheduling Wed May 05 01:41:33 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: SCHED 30%; ORIENT 86D TO 131 D; BETWEEN 09-MAY-2010:00:00:00 AND 12-MAY-2010:00:00:00

Comments: VY-PYX

Fixed Targets

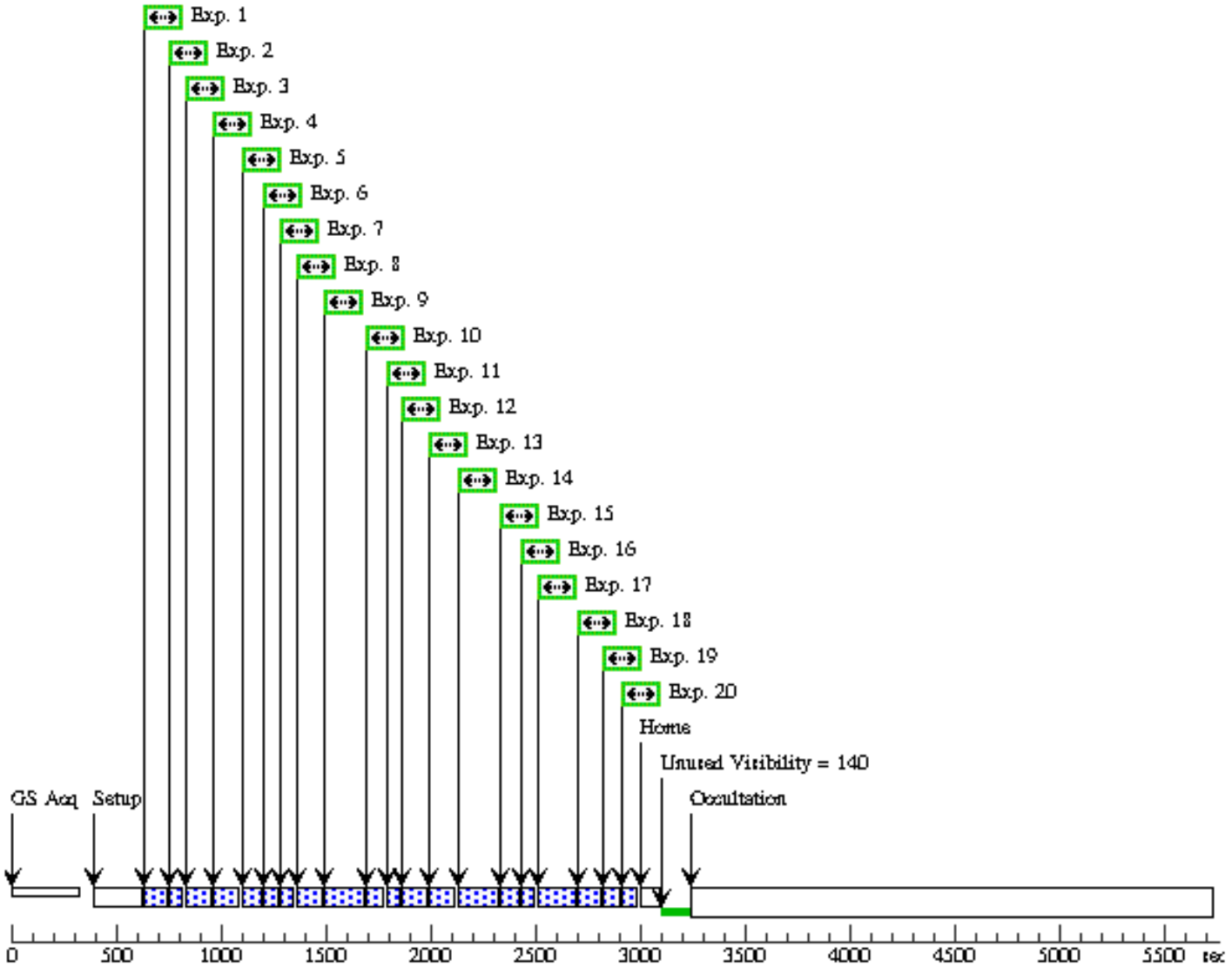
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(38)	VY-PYX	RA: 08 54 29.6306 (133.6234608d) Dec: -23 31 18.58 (-23.52183d) Equinox: J2000	Proper Motion RA: 0.00081s/yr Proper Motion Dec: 0.02936"/yr Epoch of Position: 2000.0	V=8.1+/-0.05	Reference Frame: ICRS
(39)	VY-REF-2	RA: 08 54 28.5775 (133.6190729d) Dec: -23 30 58.34 (-23.51621d) Equinox: J2000		V=12.42+/-0.1	Reference Frame: ICRS
(40)	VY-REF-3	RA: 08 54 25.7312 (133.6072133d) Dec: -23 31 49.95 (-23.53054d) Equinox: J2000		V=14.9+/-0.1	Reference Frame: ICRS
(41)	VY-REF-4	RA: 08 54 28.1314 (133.6172142d) Dec: -23 31 50.96 (-23.53082d) Equinox: J2000		V=14.96+/-0.1	Reference Frame: ICRS
(42)	VY-REF-5	RA: 08 54 30.0693 (133.6252888d) Dec: -23 32 20.52 (-23.53903d) Equinox: J2000		V=13.53+/-0.1	Reference Frame: ICRS
(43)	VY-REF-6	RA: 08 54 35.3893 (133.6474554d) Dec: -23 30 52.40 (-23.51456d) Equinox: J2000		V=15.6+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		POS TARG 0,0; GS ACQ SCENARIO BASE1B3	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
2	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
3	VY-ref-3	(40) VY-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
4	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
5	VY-ref-5	(42) VY-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***
6	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
7	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
8	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
9	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
10	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
11	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
12	VY-ref-3	(40) VY-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
13	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
14	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
15	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***
16	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
17	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
18	VY-ref-5	(42) VY-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***

	19	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs	
								[==>32.0 Secs]	***[1]***
	20	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs	
								[==>32.0 Secs]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 2G, scheduling Wed May 05 01:41:33 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: SCHED 30%; ORIENT 106D TO 119 D; BETWEEN 16-MAY-2010:00:00:00 AND 20-MAY-2010:00:00:00

Comments: VY-PYX

Fixed Targets

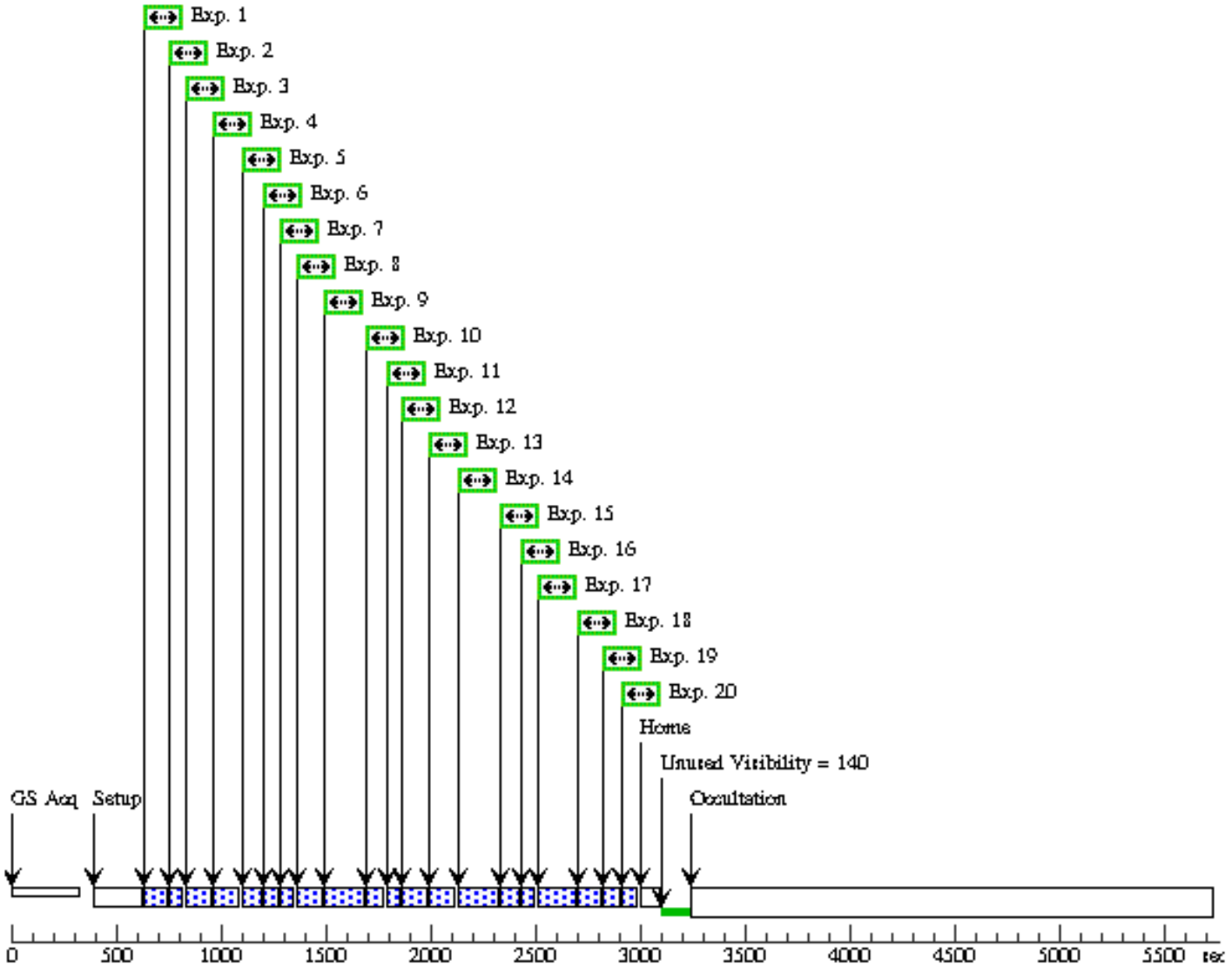
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(38)	VY-PYX	RA: 08 54 29.6306 (133.6234608d) Dec: -23 31 18.58 (-23.52183d) Equinox: J2000	Proper Motion RA: 0.00081s/yr Proper Motion Dec: 0.02936"/yr Epoch of Position: 2000.0	V=8.1+/-0.05	Reference Frame: ICRS
(39)	VY-REF-2	RA: 08 54 28.5775 (133.6190729d) Dec: -23 30 58.34 (-23.51621d) Equinox: J2000		V=12.42+/-0.1	Reference Frame: ICRS
(40)	VY-REF-3	RA: 08 54 25.7312 (133.6072133d) Dec: -23 31 49.95 (-23.53054d) Equinox: J2000		V=14.9+/-0.1	Reference Frame: ICRS
(41)	VY-REF-4	RA: 08 54 28.1314 (133.6172142d) Dec: -23 31 50.96 (-23.53082d) Equinox: J2000		V=14.96+/-0.1	Reference Frame: ICRS
(42)	VY-REF-5	RA: 08 54 30.0693 (133.6252888d) Dec: -23 32 20.52 (-23.53903d) Equinox: J2000		V=13.53+/-0.1	Reference Frame: ICRS
(43)	VY-REF-6	RA: 08 54 35.3893 (133.6474554d) Dec: -23 30 52.40 (-23.51456d) Equinox: J2000		V=15.6+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		POS TARG 0,0; GS ACQ SCENARIO BASE1B3	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
2	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
3	VY-ref-3	(40) VY-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
4	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
5	VY-ref-5	(42) VY-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***
6	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
7	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
8	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
9	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
10	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
11	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
12	VY-ref-3	(40) VY-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
13	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
14	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
15	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***
16	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
17	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
18	VY-ref-5	(42) VY-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***

	19	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs	
								[==>32.0 Secs]	***[1]***
	20	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs	
								[==>32.0 Secs]	***[1]***

Orbit Structure



Visit

Proposal 11789, Visit 2H, scheduling Wed May 05 01:41:33 GMT 2010

Diagnostic Status: No Diagnostics

Scientific Instruments: FGS

Special Requirements: SCHED 30%; ORIENT 115D TO 132 D; BETWEEN 01-JUN-2010:00:00:00 AND 10-JUN-2010:00:00:00

Comments: VY-PYX

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(38)	VY-PYX	RA: 08 54 29.6306 (133.6234608d) Dec: -23 31 18.58 (-23.52183d) Equinox: J2000	Proper Motion RA: 0.00081s/yr Proper Motion Dec: 0.02936"/yr Epoch of Position: 2000.0	V=8.1+/-0.05	Reference Frame: ICRS
(39)	VY-REF-2	RA: 08 54 28.5775 (133.6190729d) Dec: -23 30 58.34 (-23.51621d) Equinox: J2000		V=12.42+/-0.1	Reference Frame: ICRS
(40)	VY-REF-3	RA: 08 54 25.7312 (133.6072133d) Dec: -23 31 49.95 (-23.53054d) Equinox: J2000		V=14.9+/-0.1	Reference Frame: ICRS
(41)	VY-REF-4	RA: 08 54 28.1314 (133.6172142d) Dec: -23 31 50.96 (-23.53082d) Equinox: J2000		V=14.96+/-0.1	Reference Frame: ICRS
(42)	VY-REF-5	RA: 08 54 30.0693 (133.6252888d) Dec: -23 32 20.52 (-23.53903d) Equinox: J2000		V=13.53+/-0.1	Reference Frame: ICRS
(43)	VY-REF-6	RA: 08 54 35.3893 (133.6474554d) Dec: -23 30 52.40 (-23.51456d) Equinox: J2000		V=15.6+/-0.1	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		POS TARG 0,0; GS ACQ SCENARIO BASE1B3	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
2	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
3	VY-ref-3	(40) VY-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
4	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
5	VY-ref-5	(42) VY-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***
6	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
7	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
8	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
9	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
10	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
11	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
12	VY-ref-3	(40) VY-REF-3	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
13	VY-ref-4	(41) VY-REF-4	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	40.0 Secs *[==>42.0 Secs]*	 ***[1]***
14	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
15	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***
16	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	20.0 Secs *[==>22.0 Secs]*	 ***[1]***
17	VY-ref-6	(43) VY-REF-6	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	60.0 Secs *[==>62.0 Secs]*	 ***[1]***
18	VY-ref-5	(42) VY-REF-5	FGS, POS, 1	F583W		SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs *[==>32.0 Secs]*	 ***[1]***

	19	VY-PYX	(38) VY-PYX	FGS, POS, 1	F5ND	SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs	
								[==>32.0 Secs]	***[1]***
	20	VY-ref-2	(39) VY-REF-2	FGS, POS, 1	F583W	SAME POS AS 1	Sequence 1-20 Non-Int	30.0 Secs	
								[==>32.0 Secs]	***[1]***

Orbit Structure