



12709 - UVIS and IR Earth Flats

Cycle: 19, Proposal Category: CAL/WFC3

(Availability Mode: RESTRICTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
11	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:19:20.0	yes
12	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:19:25.0	yes
BE	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:19:28.0	yes
13	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:19:31.0	yes
14	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:19:33.0	yes
15	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:19:36.0	yes
16	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:19:39.0	yes
17	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:19:42.0	yes
18	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:19:44.0	yes
19	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:19:47.0	yes
21	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:19:49.0	yes
22	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:19:52.0	yes
23	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:19:55.0	yes

Proposal 12709 (STScI Edit Number: 2, Created: Monday, June 4, 2012 8:21:43 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
24	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:19:57.0	yes
25	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:19:59.0	yes
26	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:20:02.0	yes
27	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:20:04.0	yes
28	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:20:07.0	yes
29	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:20:10.0	yes
31	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:20:12.0	yes
32	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:20:15.0	yes
33	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:20:17.0	yes
34	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:20:19.0	yes
35	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:20:22.0	yes
36	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:20:24.0	yes
37	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:20:27.0	yes
38	DARK-EARTH-CALIB	WFC3/UVIS	1	04-Jun-2012 21:20:29.0	yes
41	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:20:32.0	yes
42	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:20:34.0	yes
43	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:20:37.0	yes
BF	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:20:39.0	yes
51	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:20:42.0	yes
52	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:20:44.0	yes
53	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:20:47.0	yes
61	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:20:50.0	yes
62	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:20:53.0	yes
63	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:20:55.0	yes
71	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:20:58.0	yes

Proposal 12709 (STScI Edit Number: 2, Created: Monday, June 4, 2012 8:21:43 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
72	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:21:03.0	yes
73	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:21:06.0	yes
81	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:21:08.0	yes
82	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:21:11.0	yes
83	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:21:13.0	yes
91	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:21:16.0	yes
92	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:21:18.0	yes
93	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:21:21.0	yes
AA	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:21:23.0	yes
AB	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:21:26.0	yes
AC	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:21:28.0	yes
BB	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:21:31.0	yes
BC	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:21:33.0	yes
BD	DARK-EARTH-CALIB	WFC3/IR	1	04-Jun-2012 21:21:36.0	yes

52 Total Orbits Used

ABSTRACT

This program is a continuation of 11914 (UVIS) and 11917 (IR) from Cycle 17. Sunlit earthflats are in program 12710. Visible-wavelength flat fields will be obtained by observing the dark side of the Earth during periods of full moon illumination. The observations will consist of full-frame streaked WFC3 UVIS imagery: per 15-min total exposure time in a single "dark-sky" orbit. Infrared-wavelength flat fields will be obtained by observing the dark side of the Earth during periods of full moon illumination. The observations will consist of full-frame streaked WFC3 IR imagery: per single "dark-sky" orbit, we anticipate achieving Poisson S/N > 100 per pixel in each of three to five exposures, depending on sample sequence (SPARS25 or SPARS50). The Sunlit Earth is too bright for full frame IR illumination in these filters.

OBSERVING DESCRIPTION

Proposal 12709 (STScI Edit Number: 2, Created: Monday, June 4, 2012 8:21:43 PM EST) - Overview

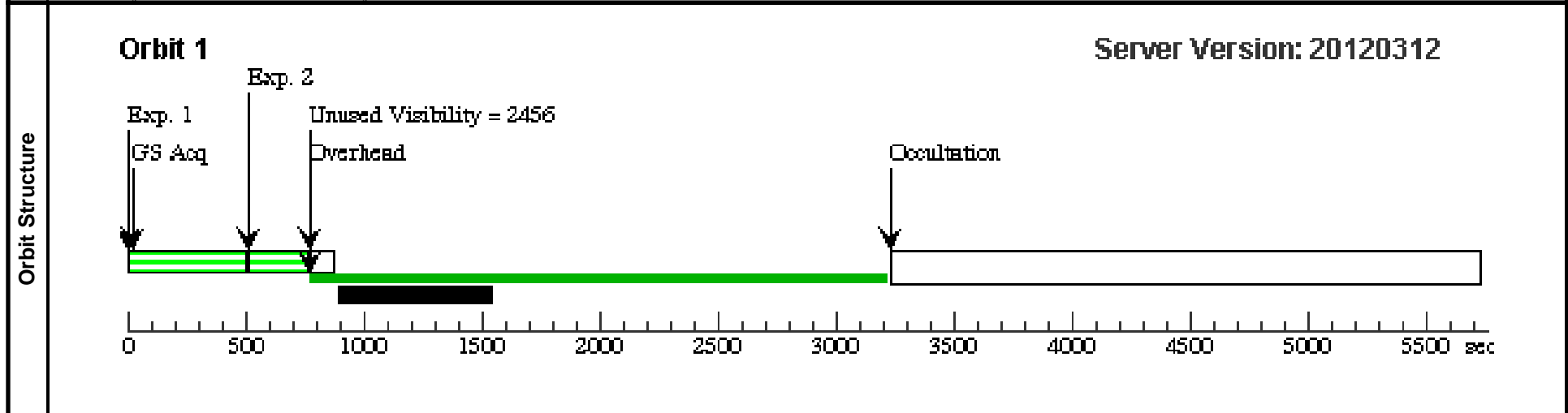
Earth flats provide a diffuse source that can be used to define on-orbit flat field corrections to the WFC3 flats. When using the sunlit Earth the wide band filters saturate at even the shortest possible exposure times and cannot be used to generate flat fields directly. Pathfinder programs 11914 and 11917 have shown the usefulness of taking moonlit earth flats and the addition of the DARK-EARTH calibration target in APT has increased the scheduling of exposures making the earth flats program suitable for Cycle 19. In 2 orbits (1500-s total exp time for these), we get $1E4$ e/pix in F606W. Dark Earth flats schedule ~ 4 orbits/month and we estimate that's nearly the maximum attainable (i.e. ~ 48 /year).

Proposal 12709 - Visit 11 - UVIS and IR Earth Flats

Tue Jun 05 01:21:44 GMT 2012

Visit
Proposal 12709, Visit 11, completed
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F775W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F775W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 11	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F775W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 11	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

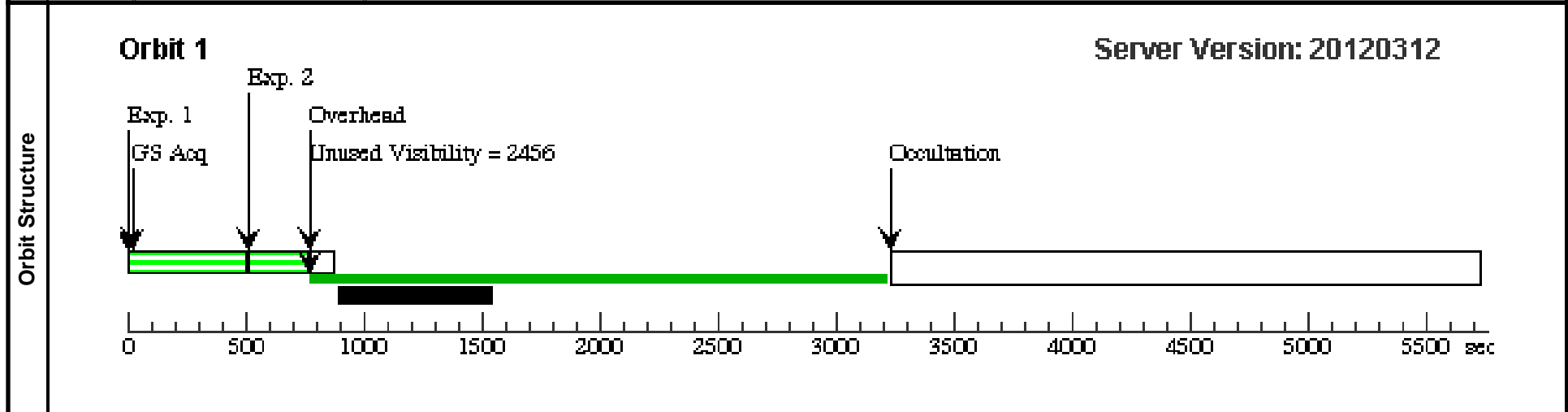


Proposal 12709 - Visit 12 - UVIS and IR Earth Flats

Tue Jun 05 01:21:45 GMT 2012

Visit
Proposal 12709, Visit 12, scheduled
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F775W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F775W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 12	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F775W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 12	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									



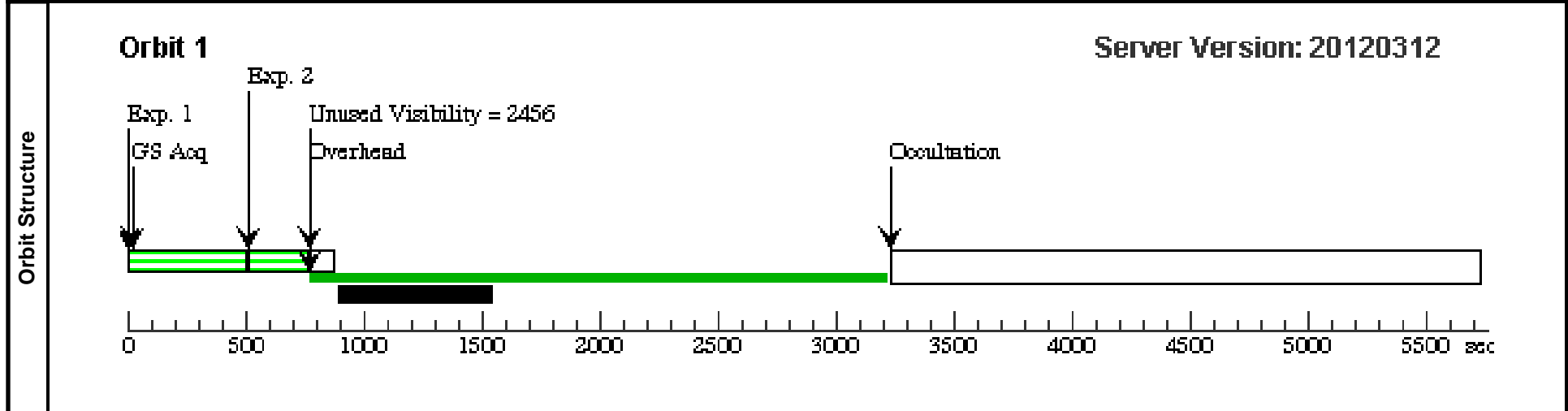
Proposal 12709 - Visit BE - UVIS and IR Earth Flats

Tue Jun 05 01:21:46 GMT 2012

Proposal 12709, Visit BE
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
 Comments: UVIS moonlit earth, F775W. During Full Moon.

This is a HOPR repeat of visit 12

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F775W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit BE	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F775W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit BE	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

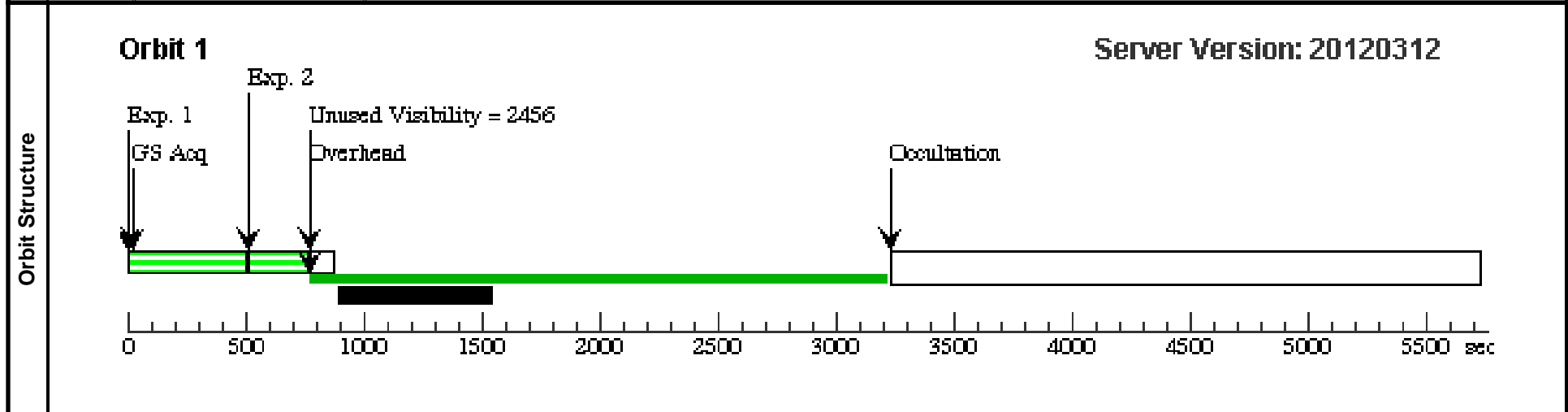


Proposal 12709 - Visit 13 - UVIS and IR Earth Flats

Tue Jun 05 01:21:46 GMT 2012

Visit
Proposal 12709, Visit 13, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F775W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F775W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 13	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F775W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 13	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

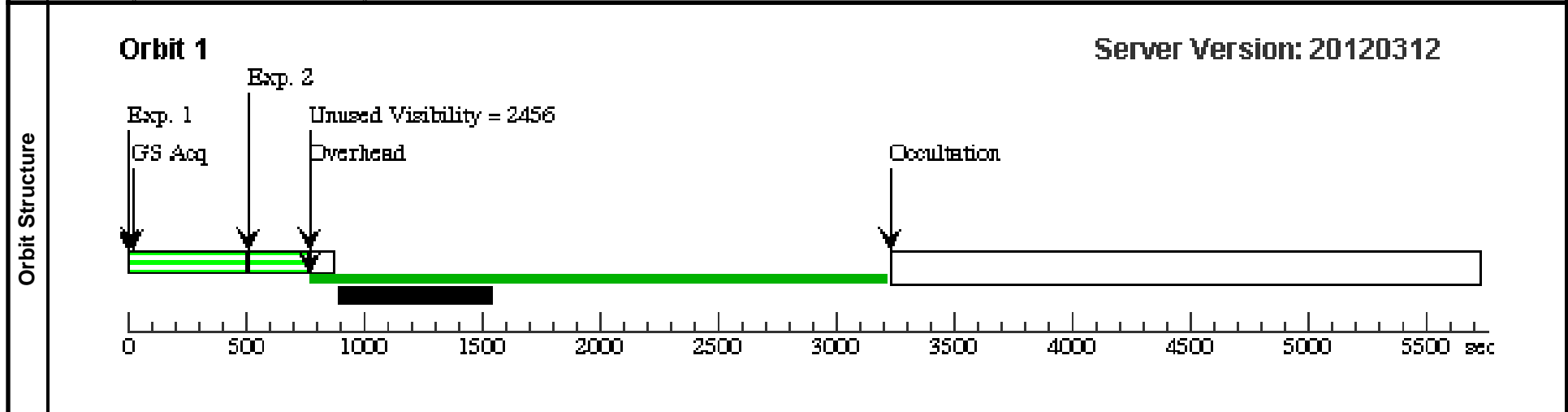


Proposal 12709 - Visit 14 - UVIS and IR Earth Flats

Tue Jun 05 01:21:46 GMT 2012

Visit
Proposal 12709, Visit 14, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F775W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F775W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 14	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F775W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 14	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

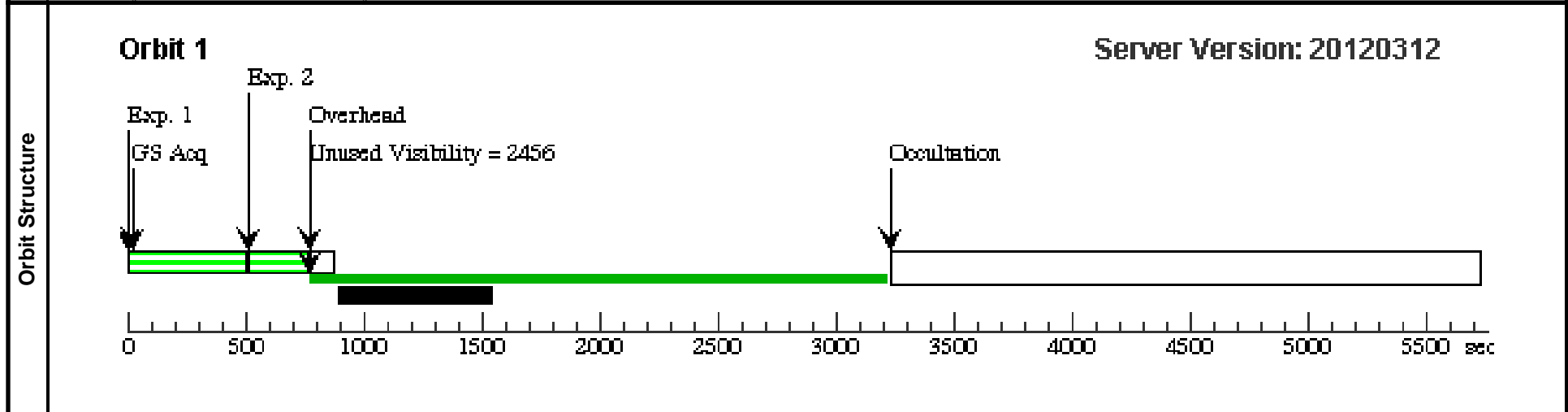


Proposal 12709 - Visit 15 - UVIS and IR Earth Flats

Tue Jun 05 01:21:47 GMT 2012

Visit
Proposal 12709, Visit 15, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F775W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F775W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 15	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F775W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 15	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

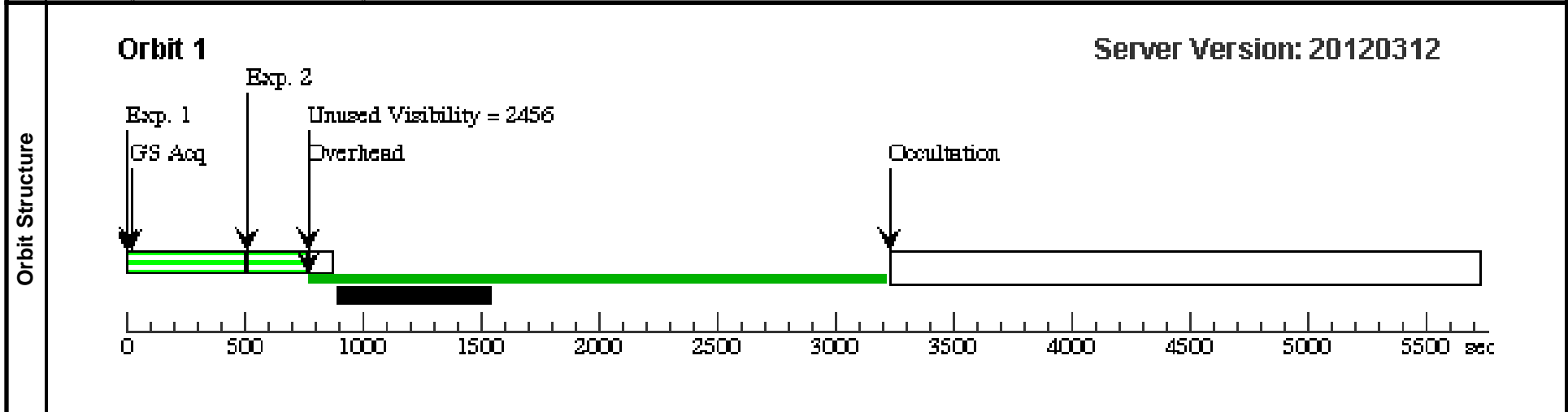


Proposal 12709 - Visit 16 - UVIS and IR Earth Flats

Tue Jun 05 01:21:47 GMT 2012

Visit
Proposal 12709, Visit 16, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F775W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F775W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 16	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F775W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 16	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

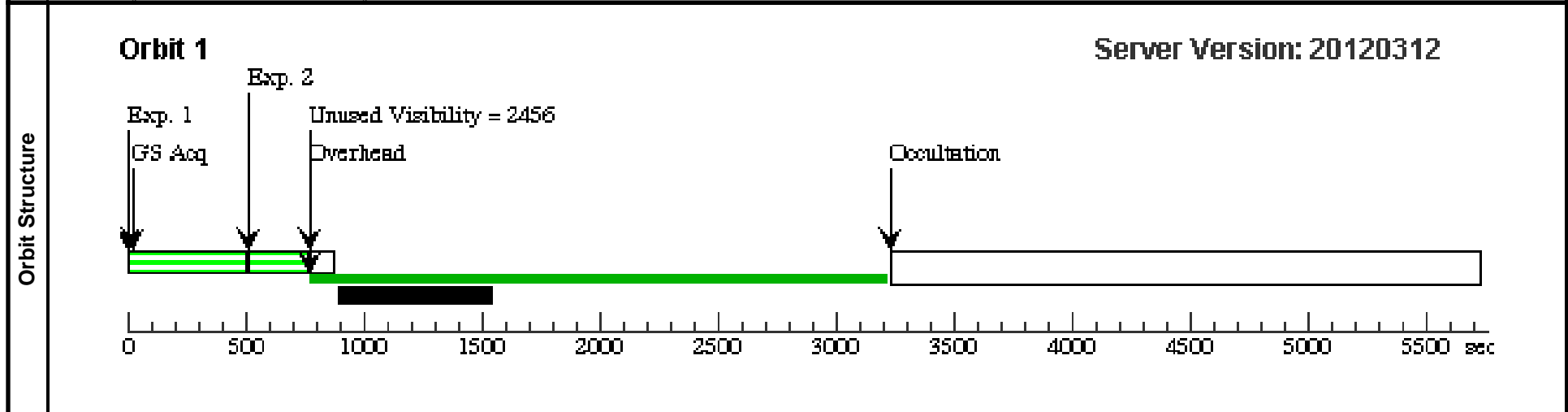


Proposal 12709 - Visit 17 - UVIS and IR Earth Flats

Tue Jun 05 01:21:47 GMT 2012

Visit
Proposal 12709, Visit 17, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F775W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F775W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 17	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F775W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 17	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

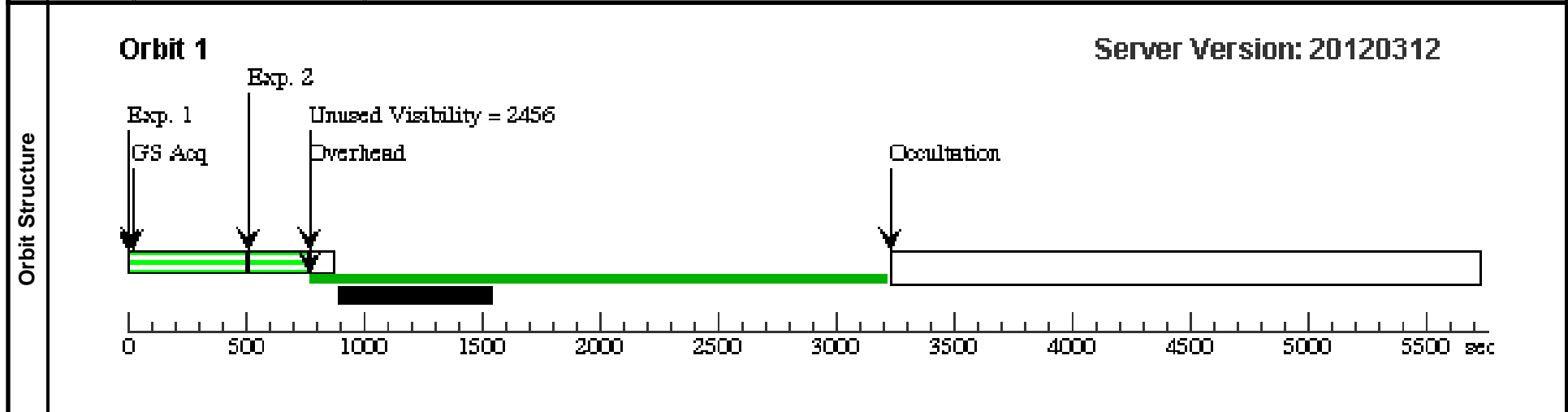


Proposal 12709 - Visit 18 - UVIS and IR Earth Flats

Tue Jun 05 01:21:48 GMT 2012

Visit
Proposal 12709, Visit 18, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F775W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F775W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 18	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F775W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 18	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

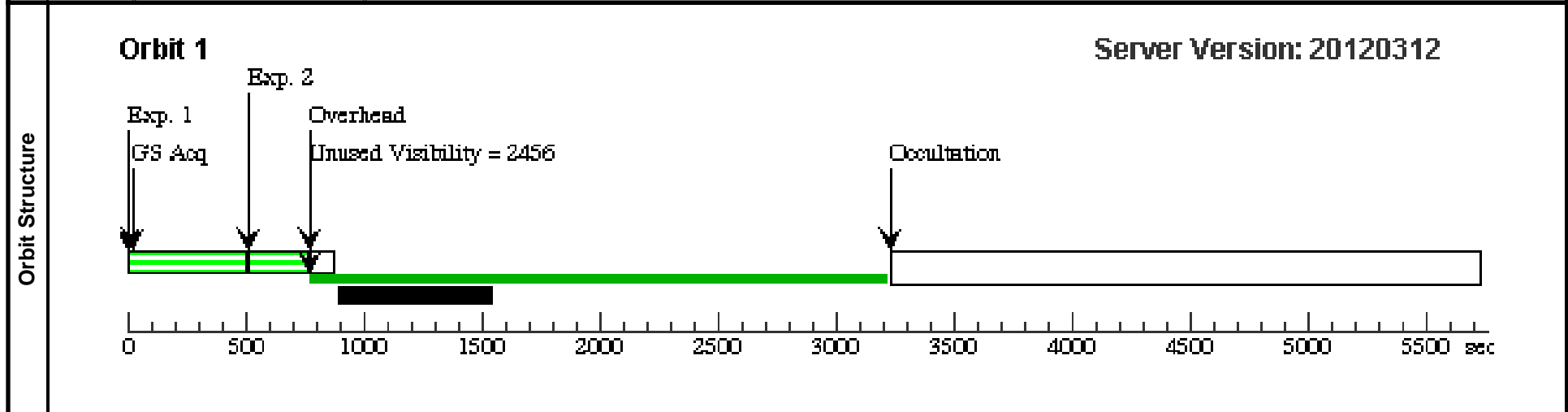


Proposal 12709 - Visit 19 - UVIS and IR Earth Flats

Tue Jun 05 01:21:48 GMT 2012

Visit
Proposal 12709, Visit 19, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F775W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F775W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 19	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F775W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 19	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

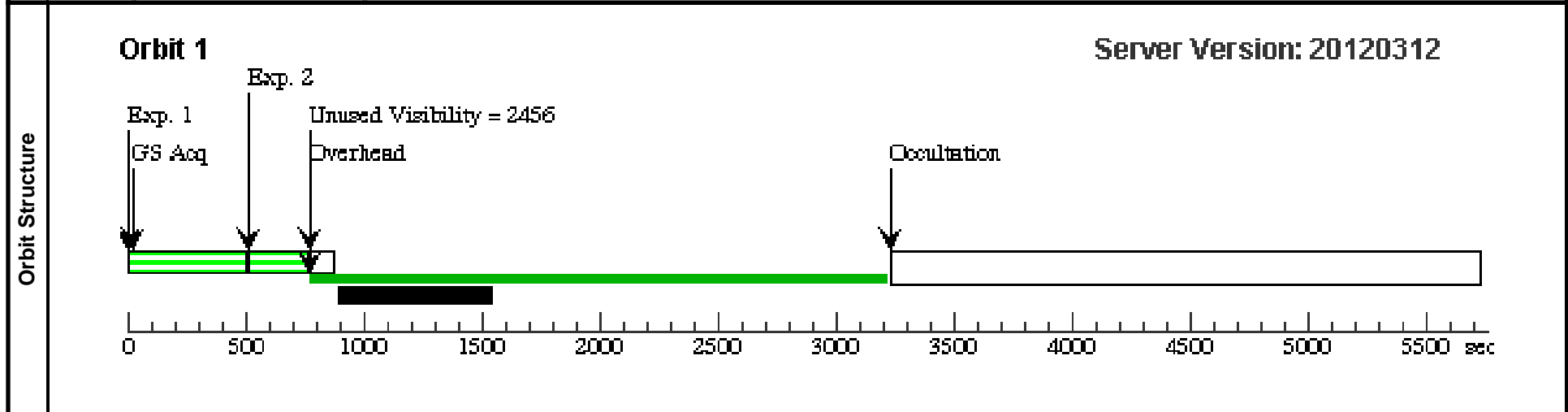


Proposal 12709 - Visit 21 - UVIS and IR Earth Flats

Tue Jun 05 01:21:48 GMT 2012

Visit
Proposal 12709, Visit 21, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F625W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F625W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 21	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F625W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 21	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

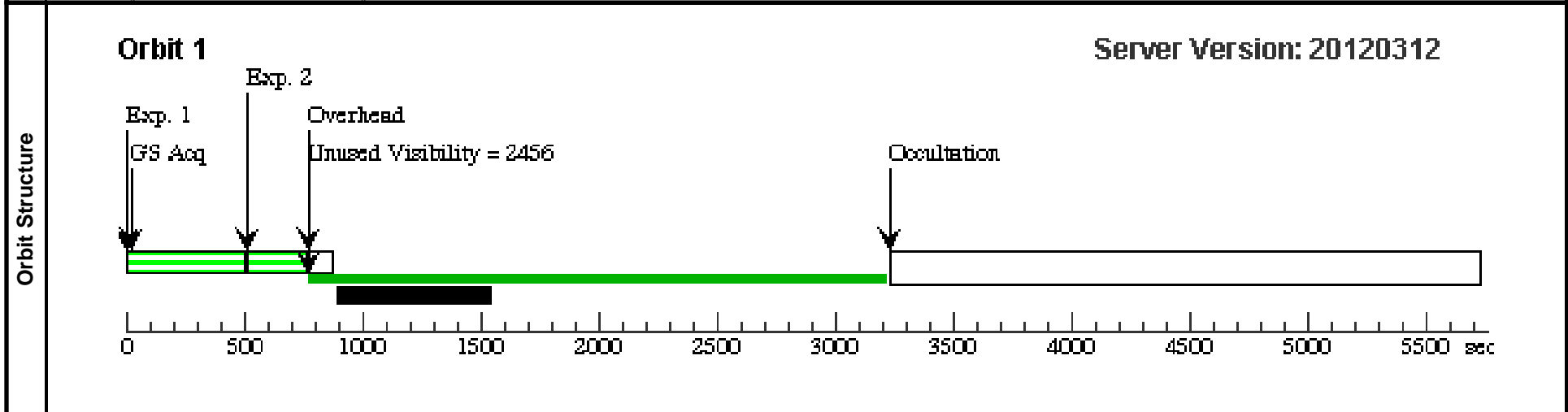


Proposal 12709 - Visit 22 - UVIS and IR Earth Flats

Tue Jun 05 01:21:49 GMT 2012

Visit
Proposal 12709, Visit 22, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F625W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F625W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 22	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F625W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 22	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

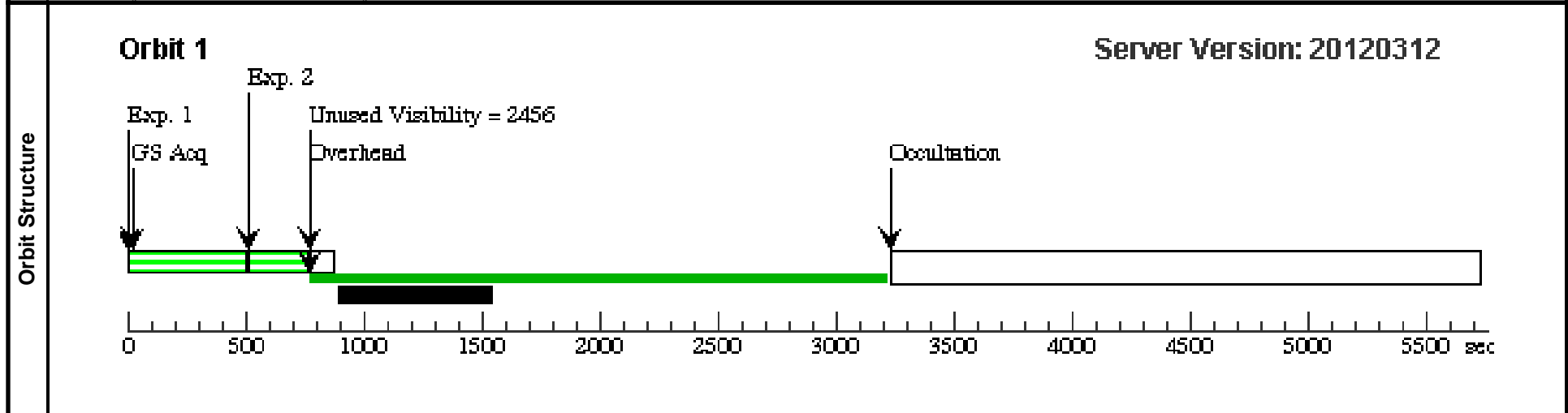


Proposal 12709 - Visit 23 - UVIS and IR Earth Flats

Tue Jun 05 01:21:49 GMT 2012

Visit
Proposal 12709, Visit 23, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F625W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F625W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 23	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F625W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 23	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

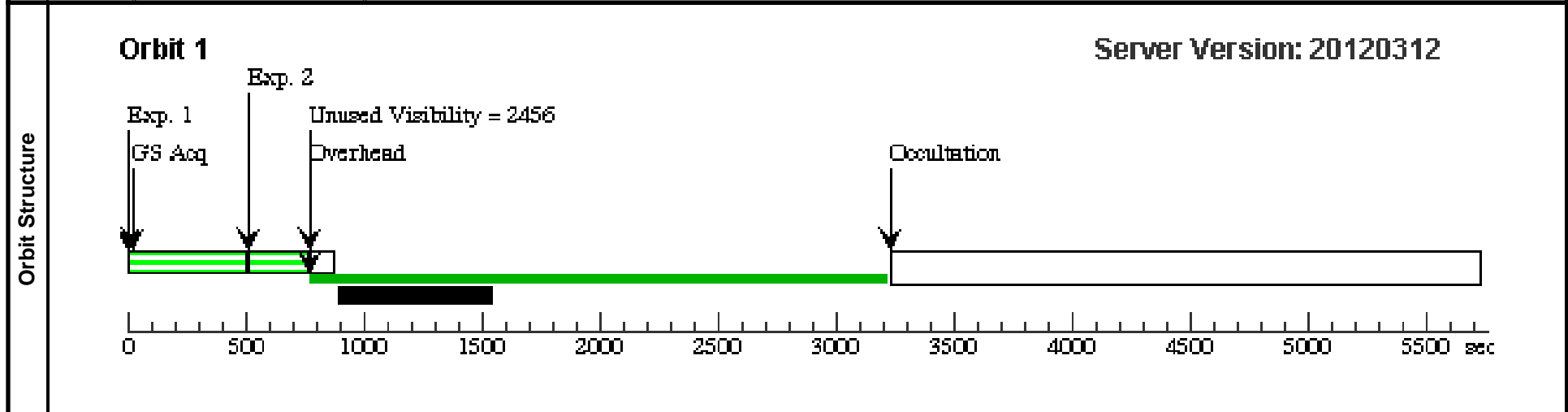


Proposal 12709 - Visit 24 - UVIS and IR Earth Flats

Tue Jun 05 01:21:49 GMT 2012

Visit
Proposal 12709, Visit 24, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F625W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F625W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 24	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F625W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 24	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

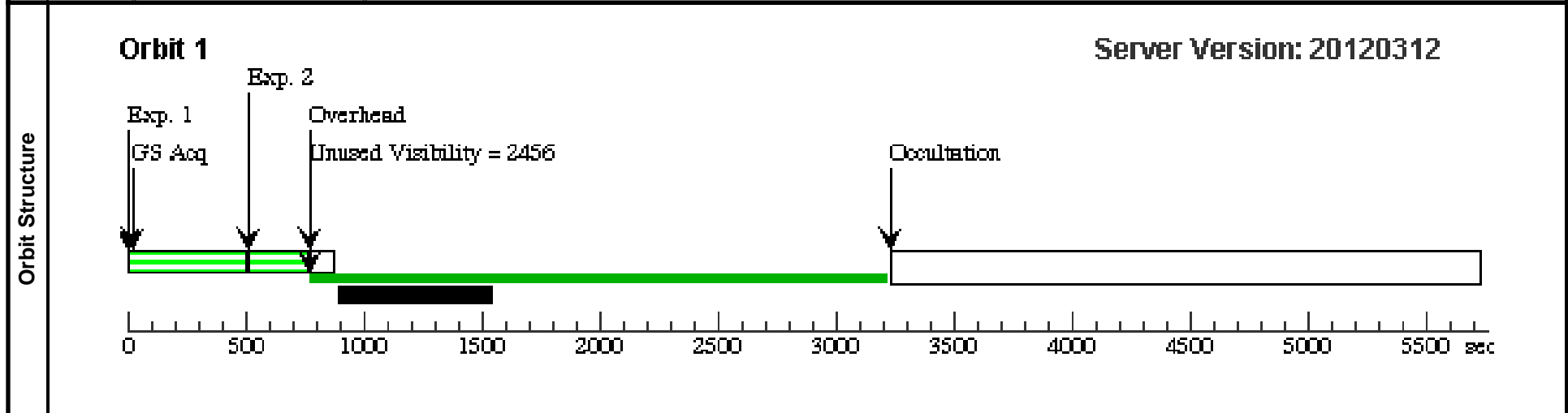


Proposal 12709 - Visit 25 - UVIS and IR Earth Flats

Tue Jun 05 01:21:50 GMT 2012

Visit
Proposal 12709, Visit 25, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F625W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F625W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 25	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F625W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 25	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

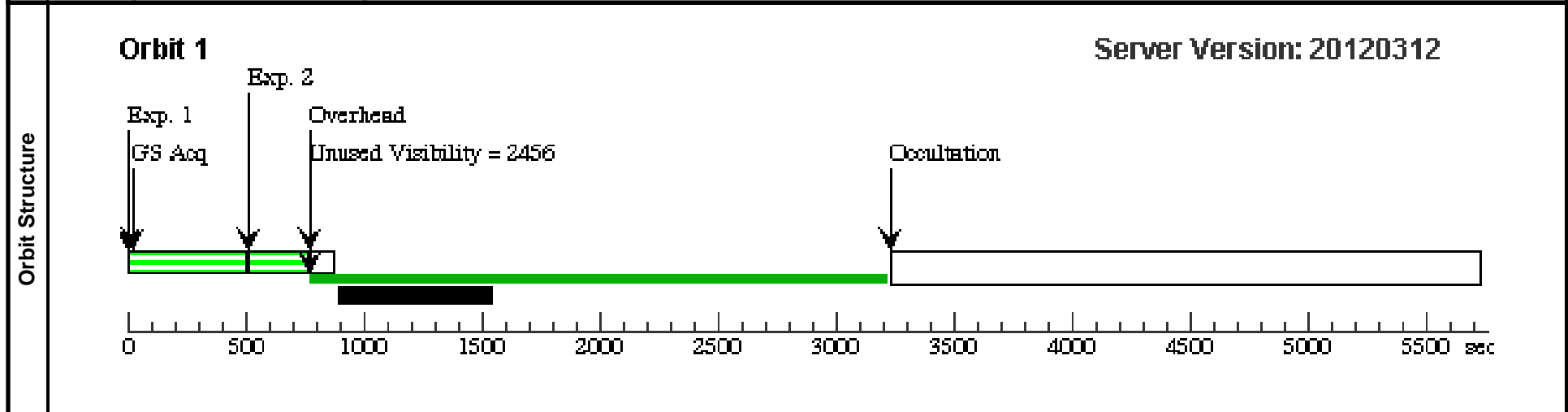


Proposal 12709 - Visit 26 - UVIS and IR Earth Flats

Tue Jun 05 01:21:50 GMT 2012

Visit
Proposal 12709, Visit 26, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F625W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F625W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 26	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F625W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 26	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

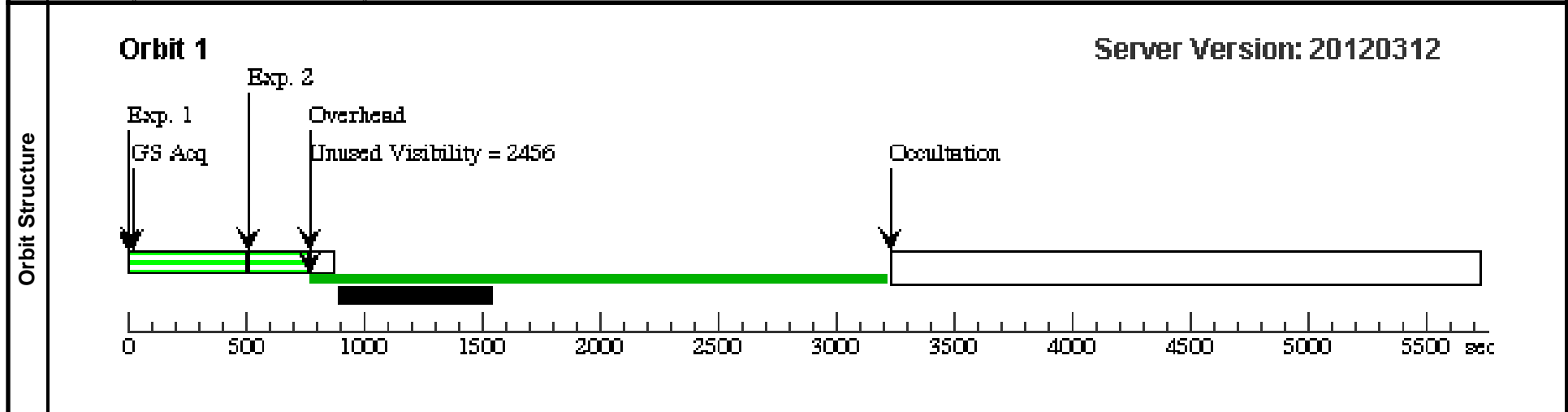


Proposal 12709 - Visit 27 - UVIS and IR Earth Flats

Tue Jun 05 01:21:50 GMT 2012

Visit
Proposal 12709, Visit 27, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F625W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F625W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 27	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F625W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 27	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

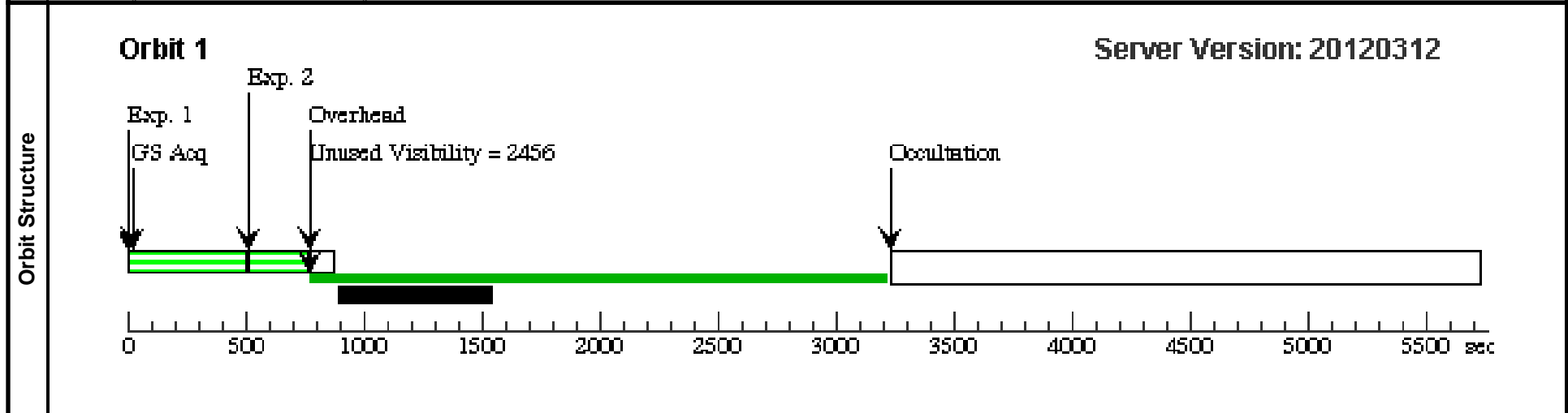


Proposal 12709 - Visit 28 - UVIS and IR Earth Flats

Tue Jun 05 01:21:51 GMT 2012

Visit
Proposal 12709, Visit 28, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F625W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F625W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 28	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F625W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 28	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

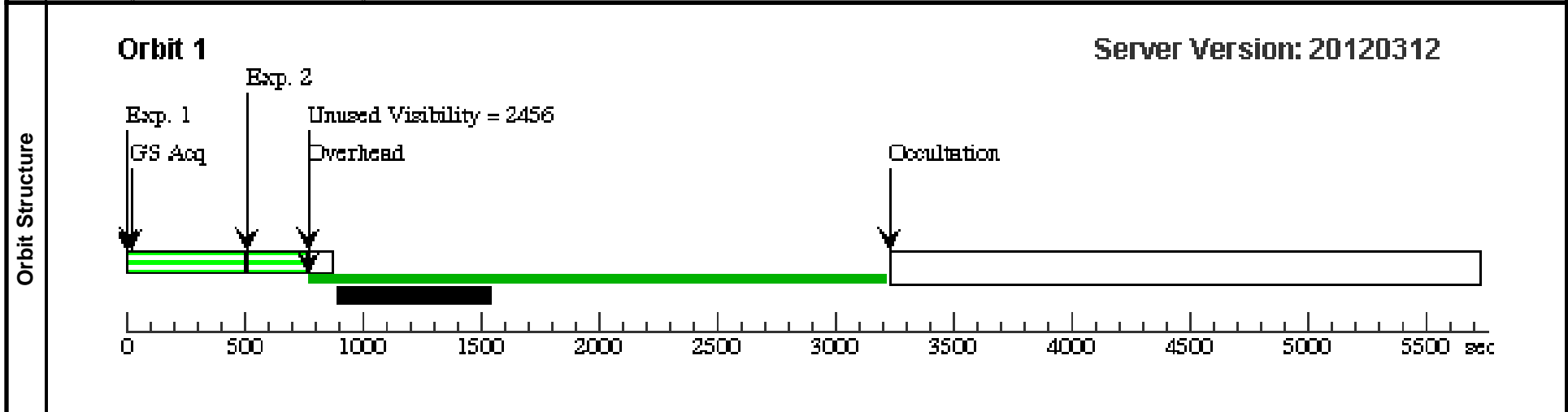


Proposal 12709 - Visit 29 - UVIS and IR Earth Flats

Tue Jun 05 01:21:51 GMT 2012

Visit
Proposal 12709, Visit 29, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F625W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F625W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 29	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F625W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 29	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

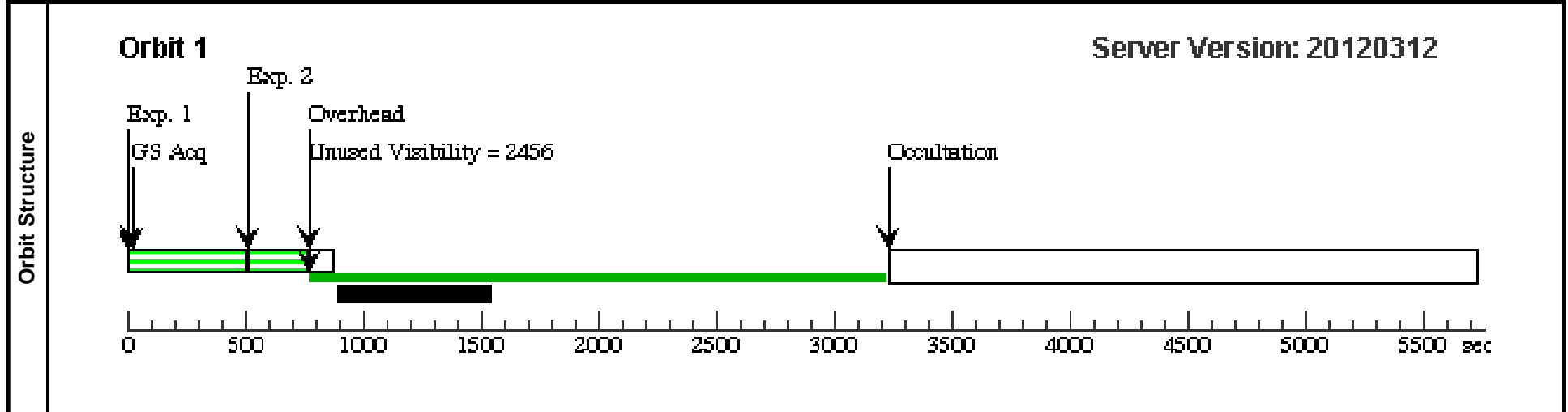


Proposal 12709 - Visit 31 - UVIS and IR Earth Flats

Tue Jun 05 01:21:51 GMT 2012

Visit
Proposal 12709, Visit 31, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F475W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F475W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 31	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F475W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 31	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

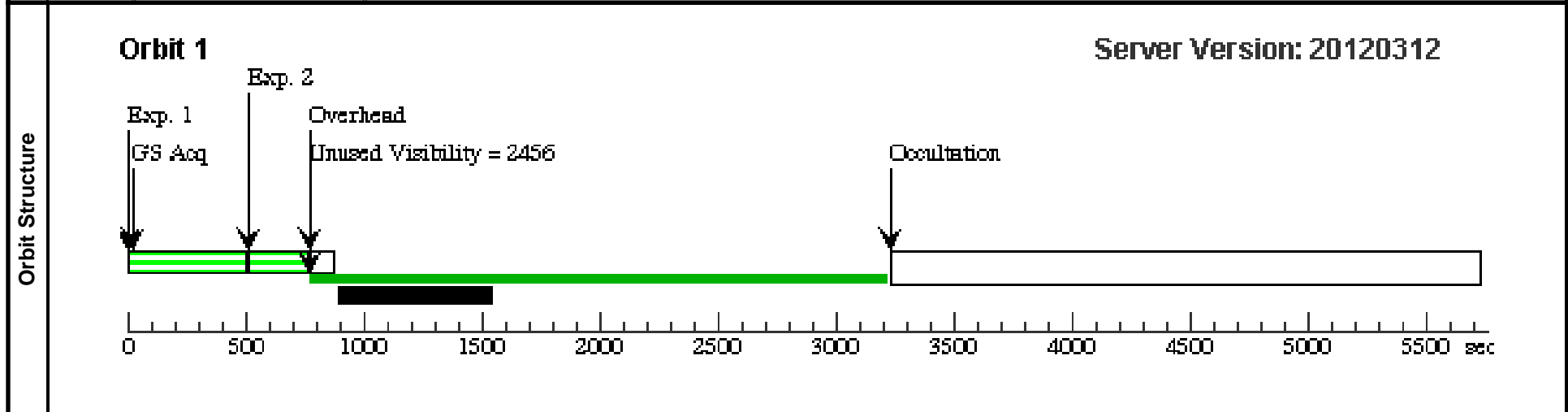


Proposal 12709 - Visit 32 - UVIS and IR Earth Flats

Tue Jun 05 01:21:51 GMT 2012

Visit
Proposal 12709, Visit 32, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F475W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F475W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 32	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F475W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 32	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

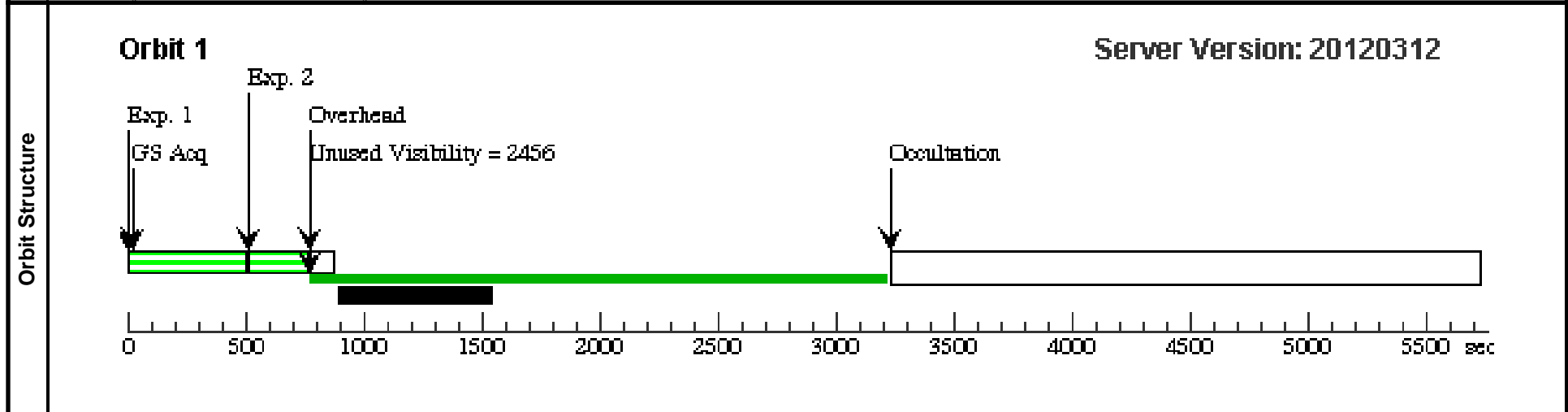


Proposal 12709 - Visit 33 - UVIS and IR Earth Flats

Tue Jun 05 01:21:52 GMT 2012

Visit
Proposal 12709, Visit 33, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F475W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F475W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 33	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F475W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 33	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

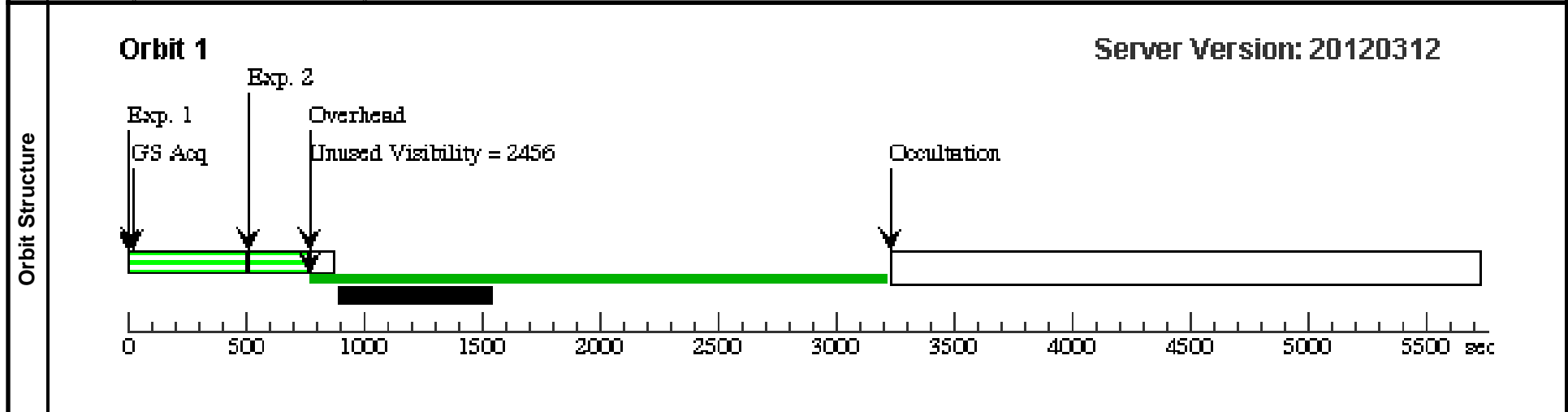


Proposal 12709 - Visit 34 - UVIS and IR Earth Flats

Tue Jun 05 01:21:52 GMT 2012

Visit
Proposal 12709, Visit 34, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F475W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F475W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 34	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F475W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 34	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

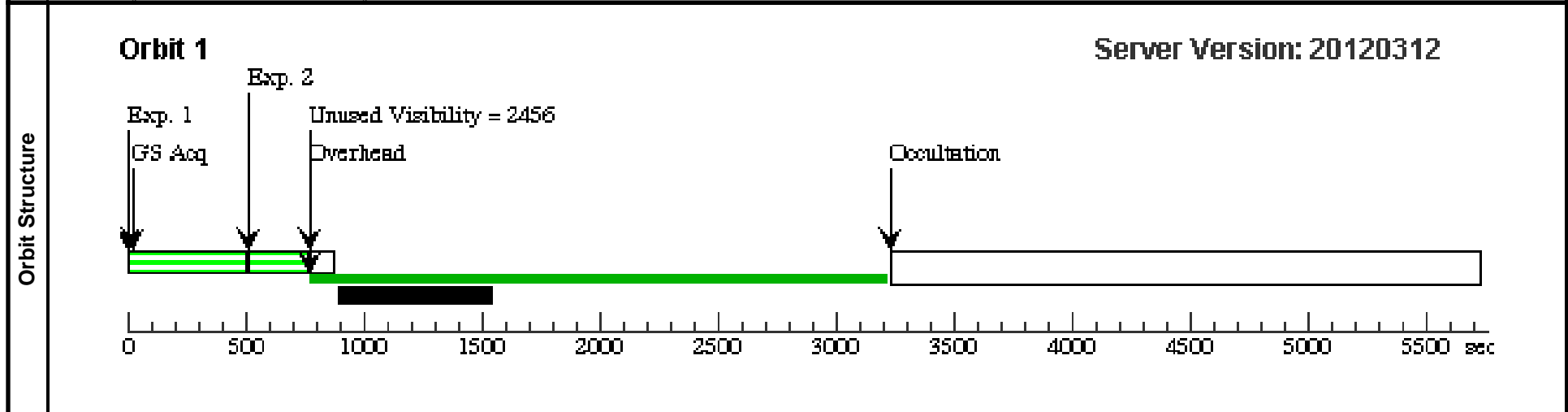


Proposal 12709 - Visit 35 - UVIS and IR Earth Flats

Tue Jun 05 01:21:52 GMT 2012

Visit
Proposal 12709, Visit 35, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F475W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F475W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 35	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F475W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 35	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

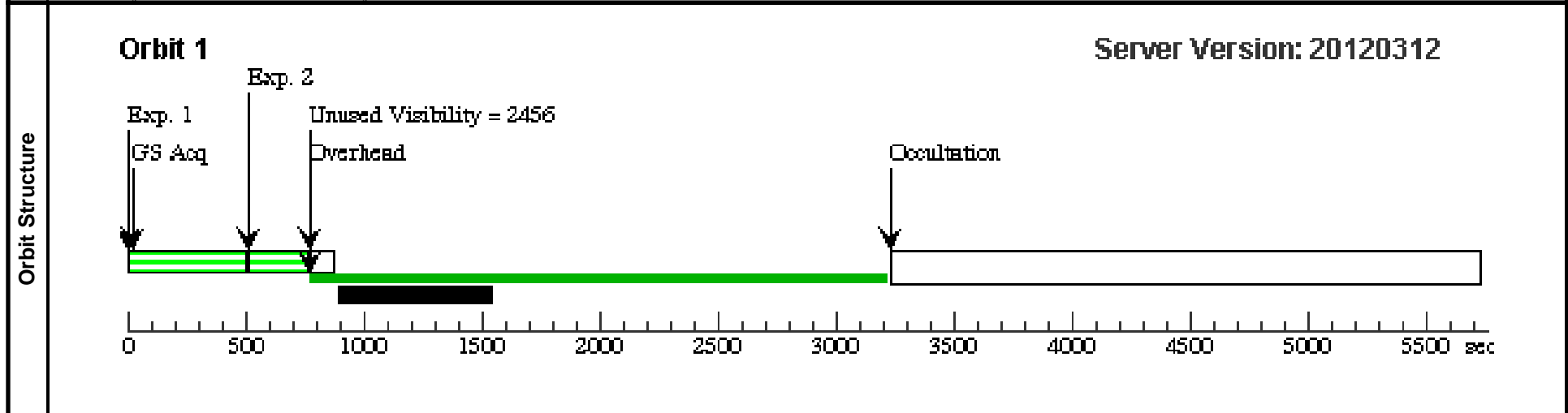


Proposal 12709 - Visit 36 - UVIS and IR Earth Flats

Tue Jun 05 01:21:53 GMT 2012

Visit
Proposal 12709, Visit 36, implementation
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F475W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F475W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 36	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F475W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 36	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

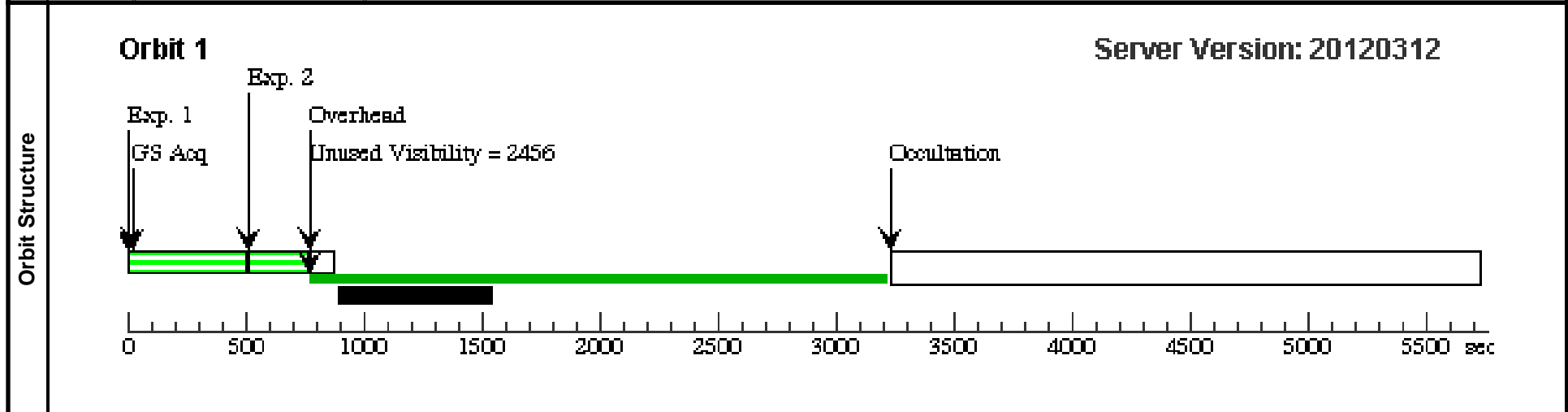


Proposal 12709 - Visit 37 - UVIS and IR Earth Flats

Tue Jun 05 01:21:53 GMT 2012

Visit
Proposal 12709, Visit 37, implementation
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F475W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F475W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 37	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F475W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 37	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

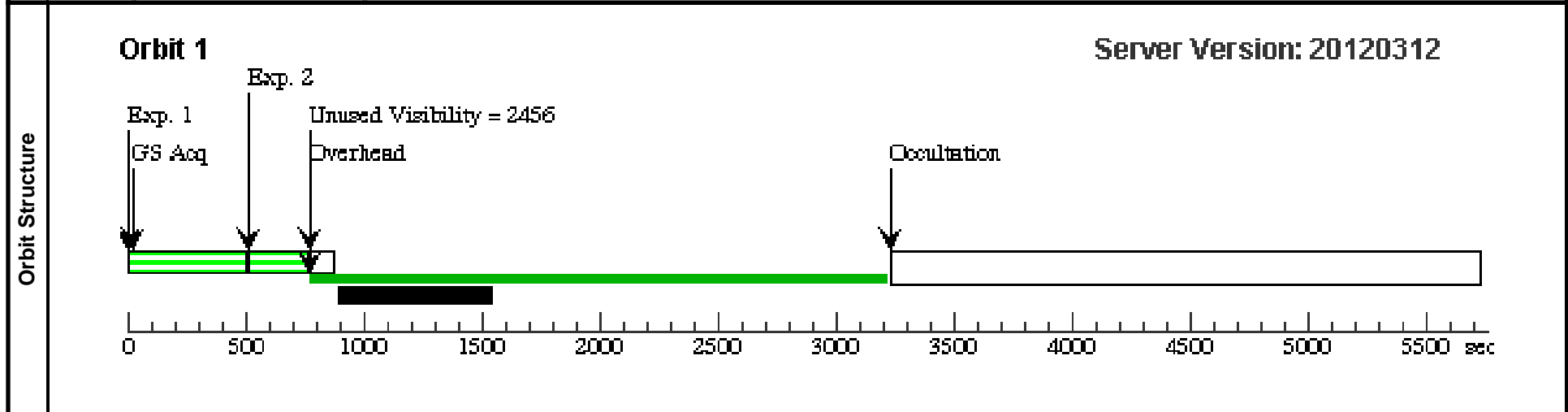


Proposal 12709 - Visit 38 - UVIS and IR Earth Flats

Tue Jun 05 01:21:53 GMT 2012

Visit
Proposal 12709, Visit 38, implementation
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/UVIS
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: UVIS moonlit earth, F475W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	moonlit full frame, 350 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F475W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 38	350 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									
2	moonlit full frame, 250 sec	DARK-EARTH-CALIB	WFC3/UVIS, ACCUM, UVIS	F475W	CR-SPLIT=NO		Sequence 1-2 Non-Int in Visit 38	250 Secs [==>]	[1]
<i>Comments: full moon illuminated dark earth flat</i>									

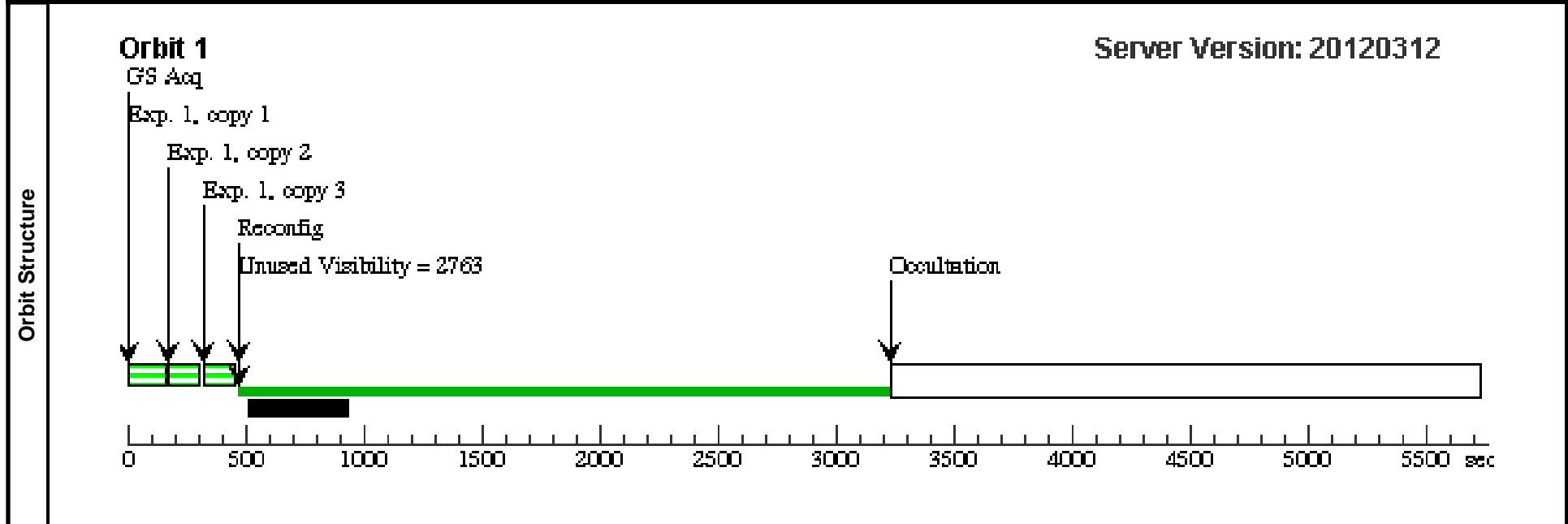


Proposal 12709 - Visit 41 - UVIS and IR Earth Flats

Tue Jun 05 01:21:53 GMT 2012

Visit	Proposal 12709, Visit 41, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) Comments: IR moonlit earth, F140W. This visit can execute any time that HST can observe the dark earth. They do not need to be done during the full moon, because the OH airglow should be enough to meet our flux requirements.								

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F140W	NSAMP=6; SAMP-SEQ=SPAR S25	QASISTATES WFC 3 DET IROCC IRO CC		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

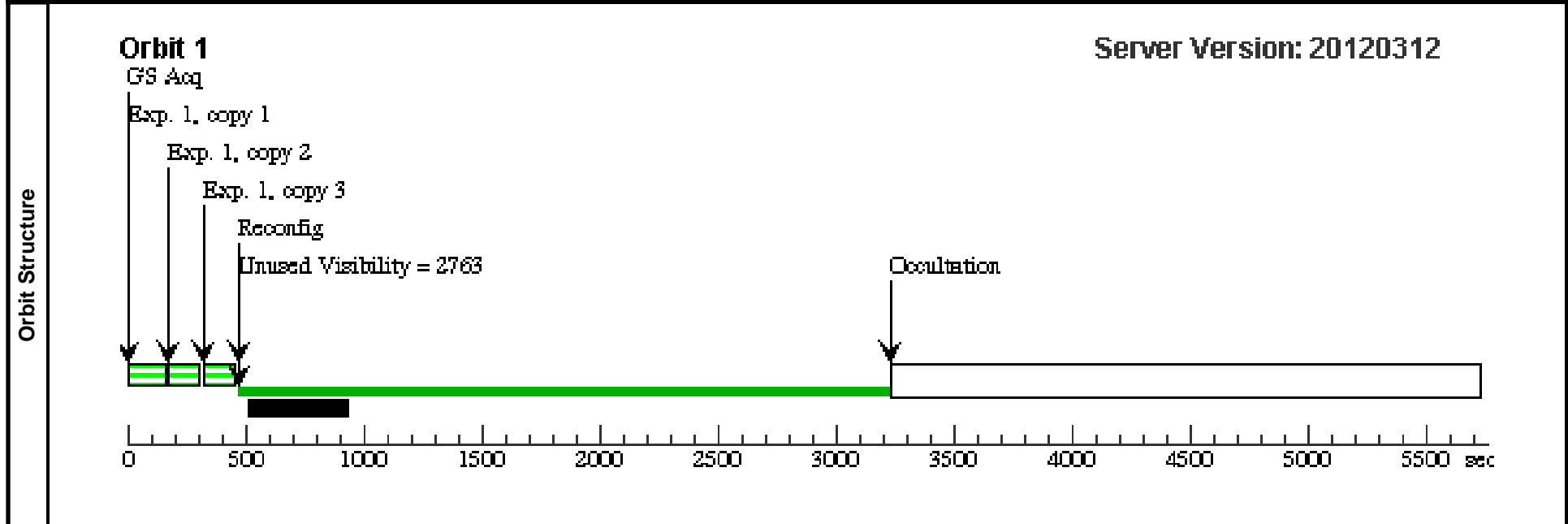


Proposal 12709 - Visit 42 - UVIS and IR Earth Flats

Tue Jun 05 01:21:54 GMT 2012

Visit	Proposal 12709, Visit 42, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) Comments: IR moonlit earth, F140W. This visit can execute any time that HST can observe the dark earth. They do not need to be done during the full moon, because the OH airglow should be enough to meet our flux requirements.							

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F140W	NSAMP=6; SAMP-SEQ=SPAR S25	QASISTATES WFC 3 DET IROCC IRO CC		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

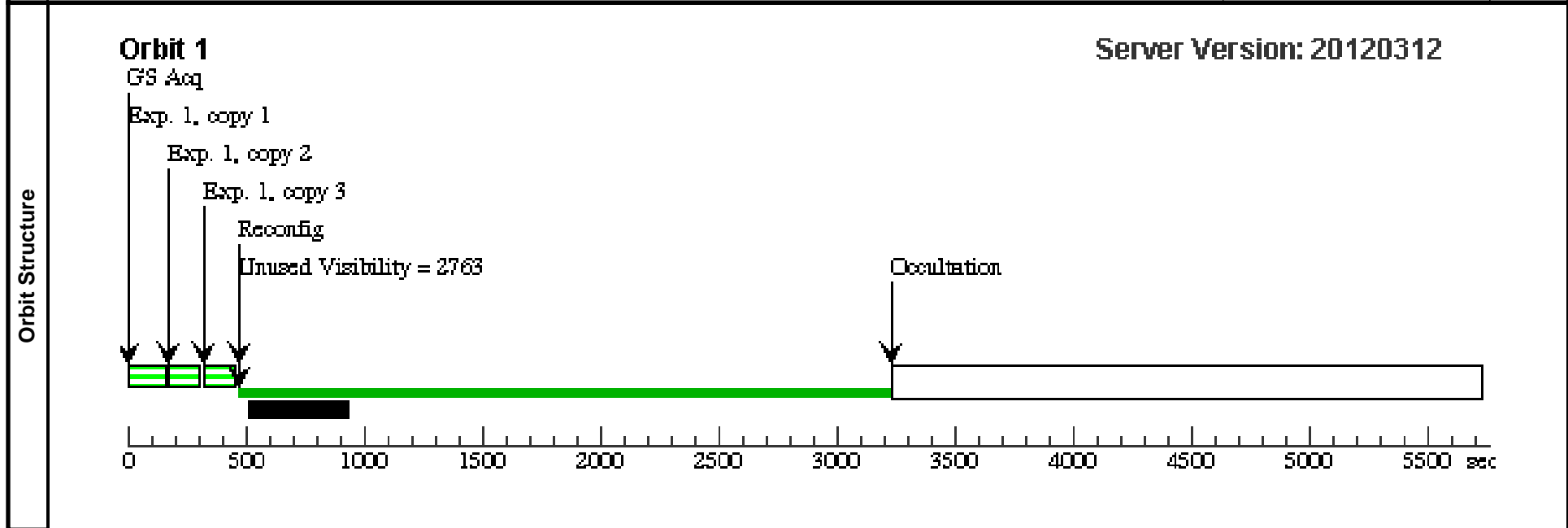


Proposal 12709 - Visit 43 - UVIS and IR Earth Flats

Tue Jun 05 01:21:54 GMT 2012

Visit
Proposal 12709, Visit 43, completed
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/IR
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
 Comments: IR moonlit earth, F140W. During Full Moon for comparison.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F140W	NSAMP=6; SAMP-SEQ=SPAR S25			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

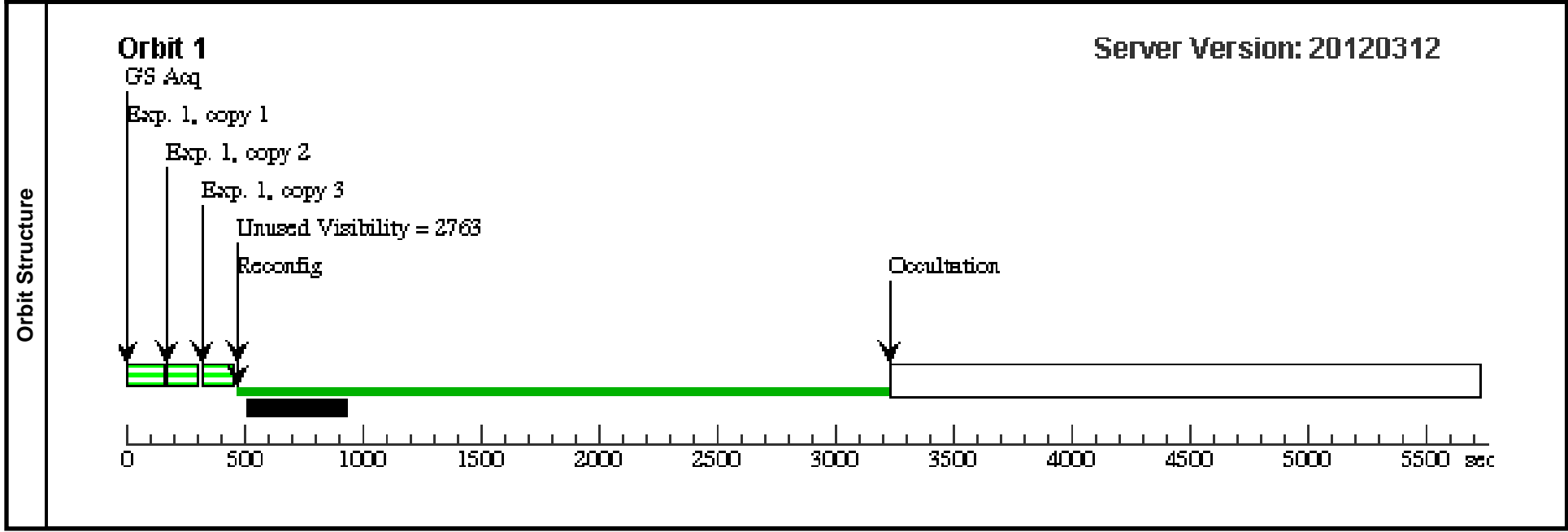


Proposal 12709 - Visit BF - UVIS and IR Earth Flats

Tue Jun 05 01:21:54 GMT 2012

Proposal 12709, Visit BF
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/IR
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
 Comments: IR moonlit earth, F140W. During Full Moon for comparison.
 This is a HOPR repeat of visit 43

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F140W	NSAMP=6; SAMP-SEQ=SPAR S25			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

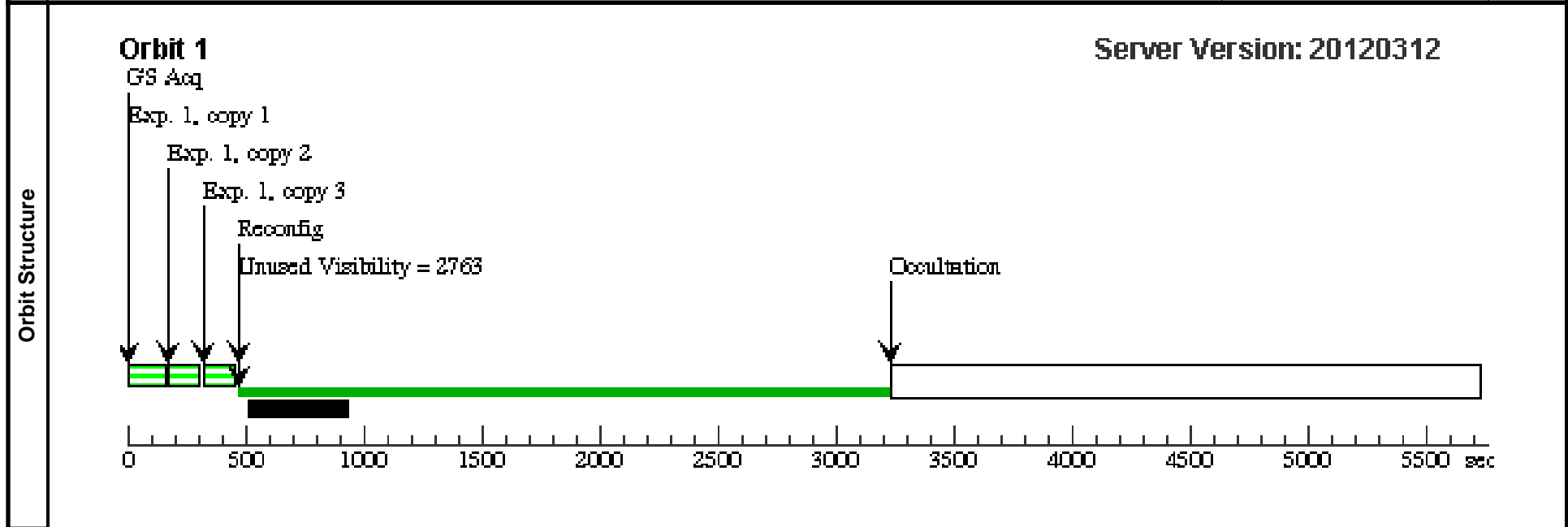


Proposal 12709 - Visit 51 - UVIS and IR Earth Flats

Tue Jun 05 01:21:55 GMT 2012

Visit
Proposal 12709, Visit 51, scheduled
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/IR
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
 Comments: IR moonlit earth, F105W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=6; SAMP-SEQ=SPAR S25			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

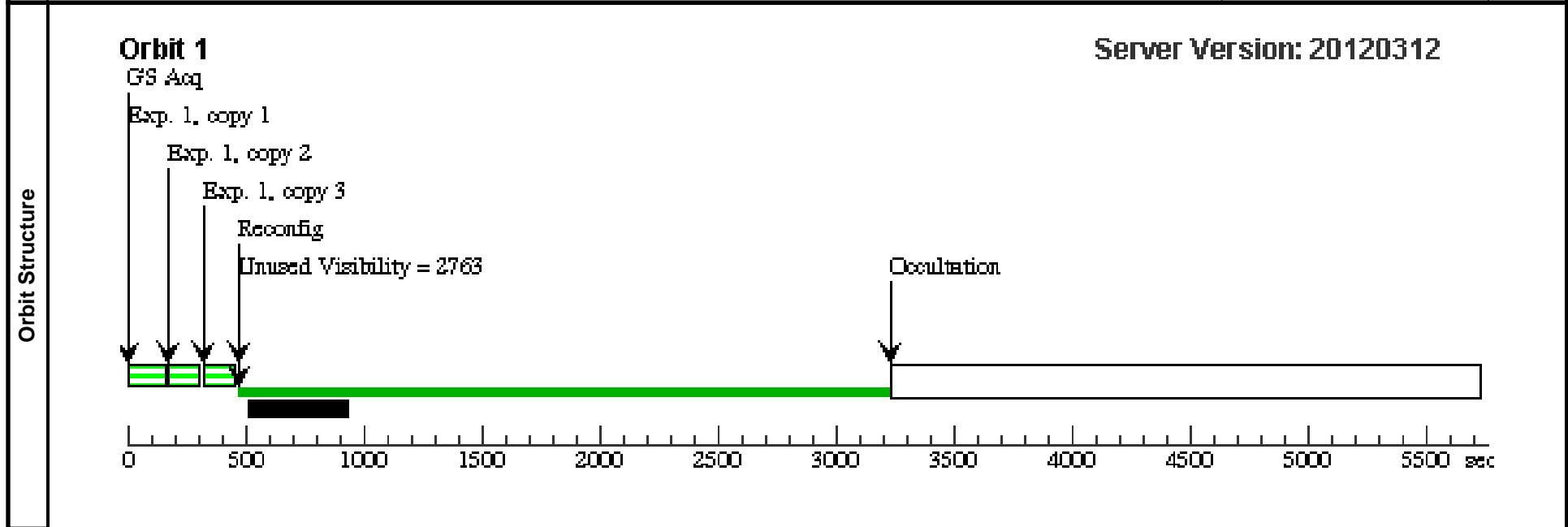


Proposal 12709 - Visit 52 - UVIS and IR Earth Flats

Tue Jun 05 01:21:55 GMT 2012

Visit
Proposal 12709, Visit 52, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/IR
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: IR moonlit earth, F105W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=6; SAMP-SEQ=SPAR S25			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

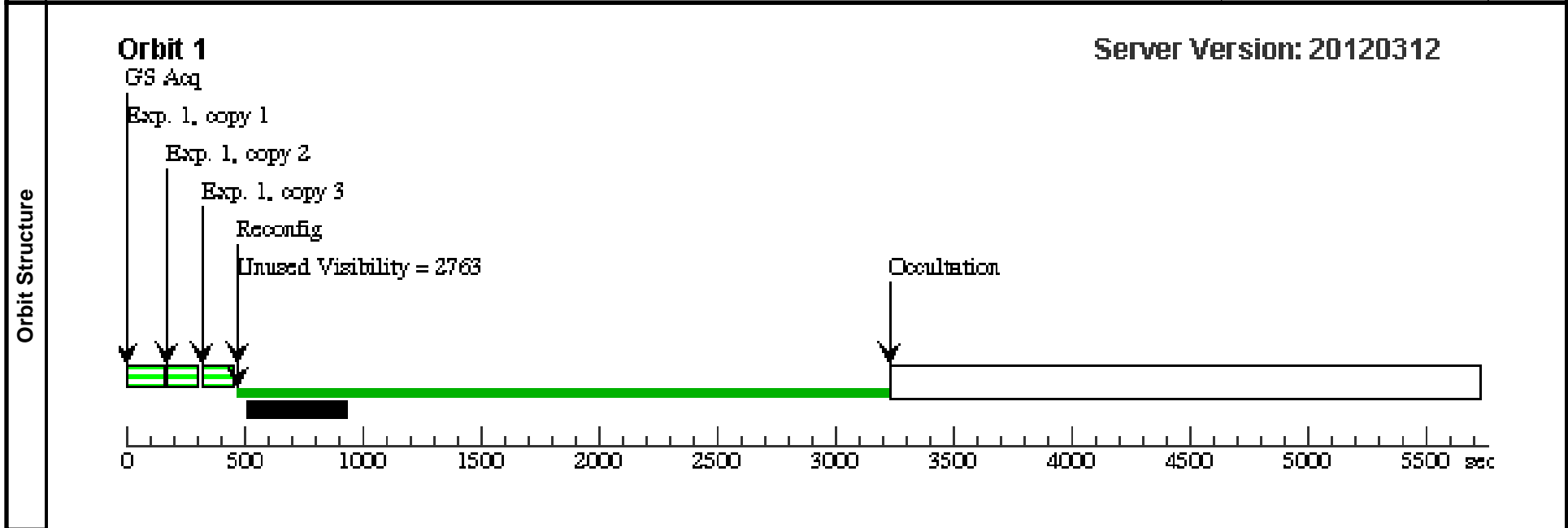


Proposal 12709 - Visit 53 - UVIS and IR Earth Flats

Tue Jun 05 01:21:55 GMT 2012

Visit
Proposal 12709, Visit 53, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/IR
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
 Comments: IR moonlit earth, F105W. During Full Moon.

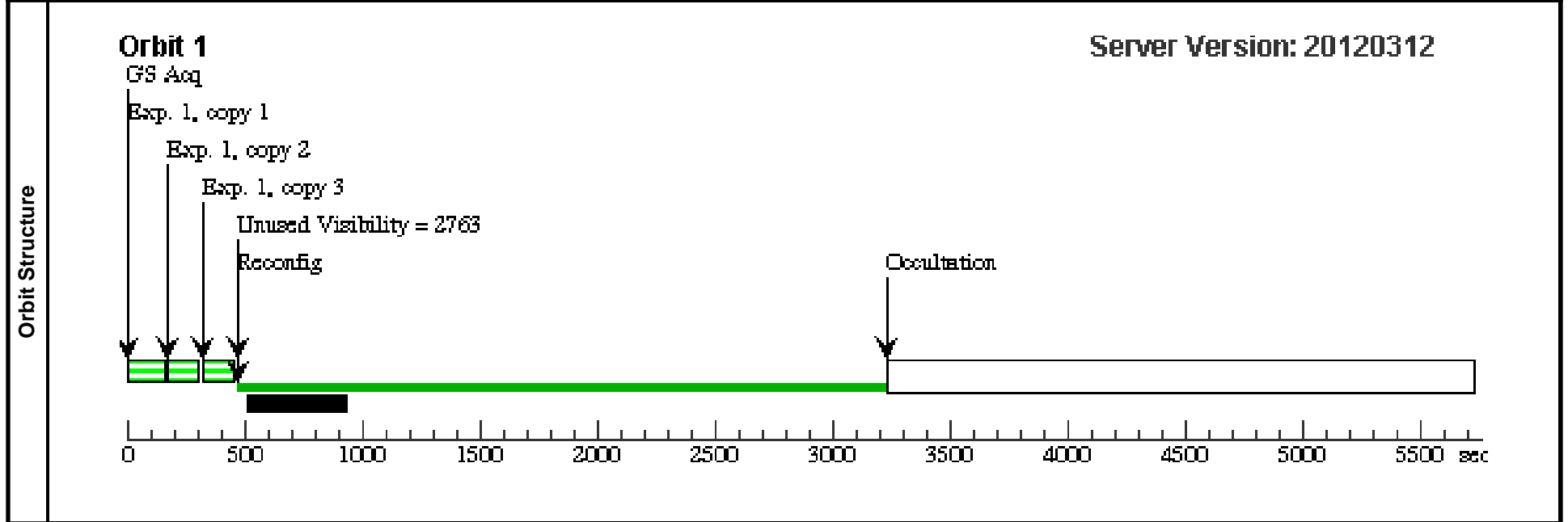
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=6; SAMP-SEQ=SPAR S25			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]



Visit	Proposal 12709, Visit 61, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) Comments: IR moonlit earth, F160W. This visit can execute any time that HST can observe the dark earth. They do not need to be done during the full moon, because the OH airglow should be enough to meet our flux requirements.							
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		DARK-EARTH-CA LIB		WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S25	QASISTATES WFC 3 DET IROCC IRO CC		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

Comments: This visit can execute any time that HST can observe the dark earth. They do not need to be done during the full moon, because the OH airglow should be enough to meet our flux requirements.



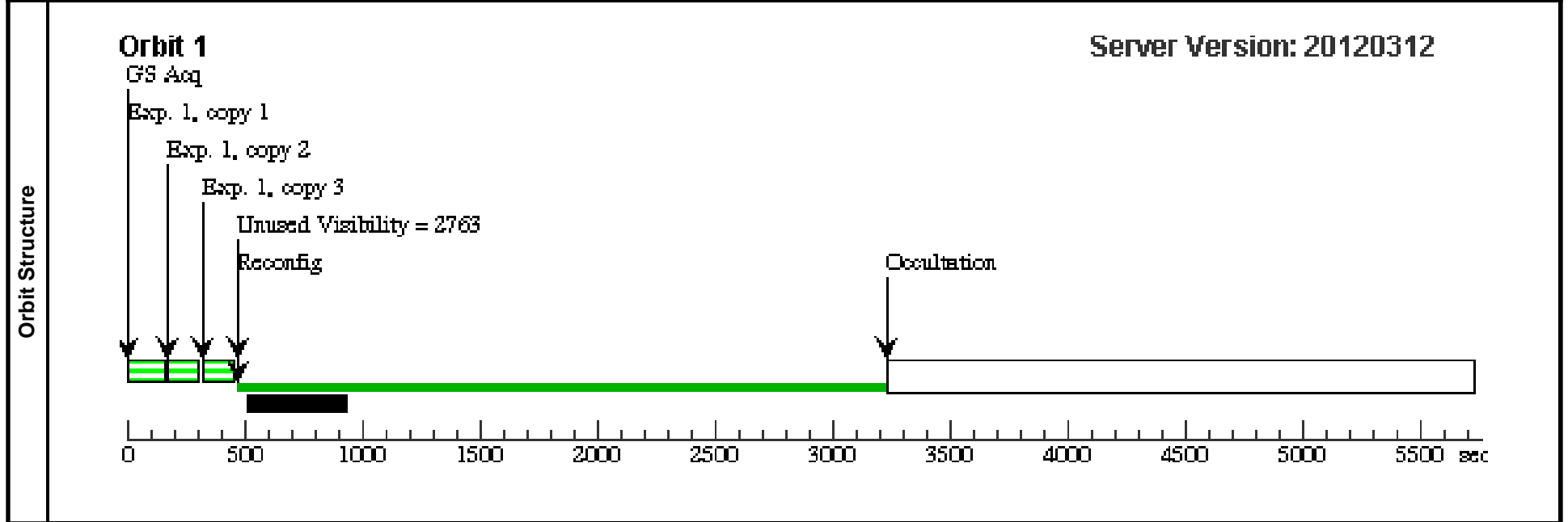
Proposal 12709 - Visit 62 - UVIS and IR Earth Flats

Tue Jun 05 01:21:56 GMT 2012

Visit	Proposal 12709, Visit 62, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) Comments: IR moonlit earth, F160W. This visit can execute any time that HST can observe the dark earth. They do not need to be done during the full moon, because the OH airglow should be enough to meet our flux requirements.							
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		DARK-EARTH-CA LIB		WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S25	QASISTATES WFC 3 DET IROCC IRO CC		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

Comments: This visit can execute any time that HST can observe the dark earth. They do not need to be done during the full moon, because the OH airglow should be enough to meet our flux requirements.



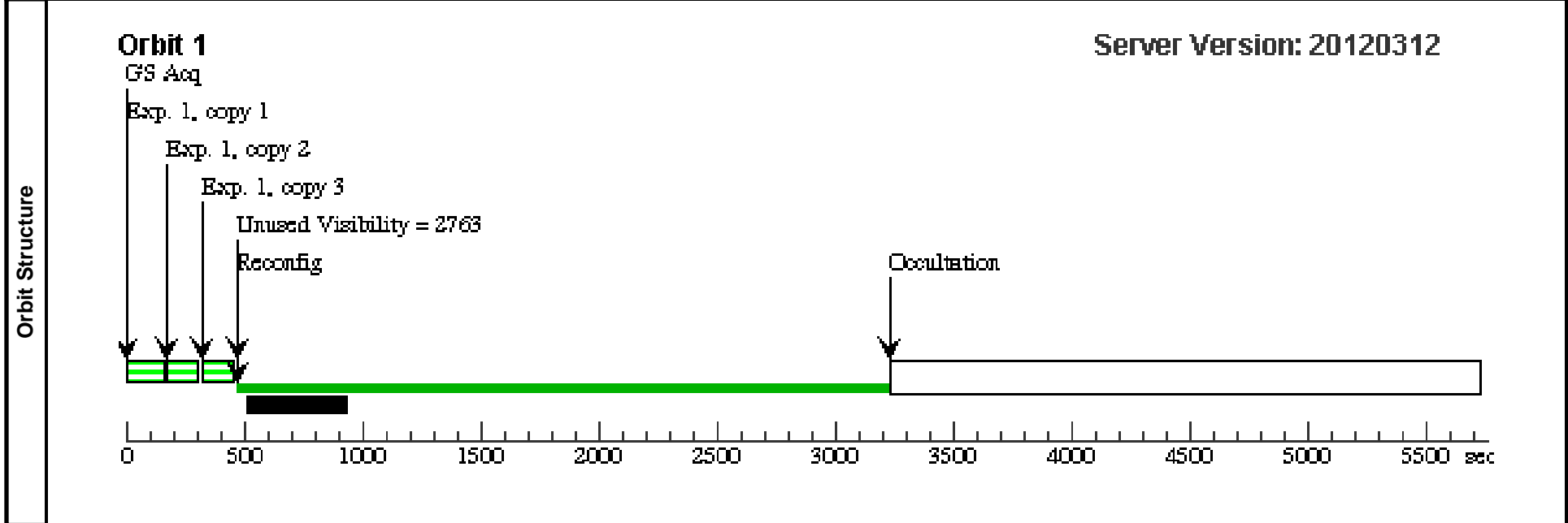
Proposal 12709 - Visit 63 - UVIS and IR Earth Flats

Tue Jun 05 01:21:56 GMT 2012

Visit
Proposal 12709, Visit 63, completed
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/IR
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: IR moonlit earth, F160W. During Full Moon for comparison.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S25			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

Comments: This visit can execute any time that HST can observe the dark earth. They do not need to be done during the full moon, because the OH airglow should be enough to meet our flux requirements.

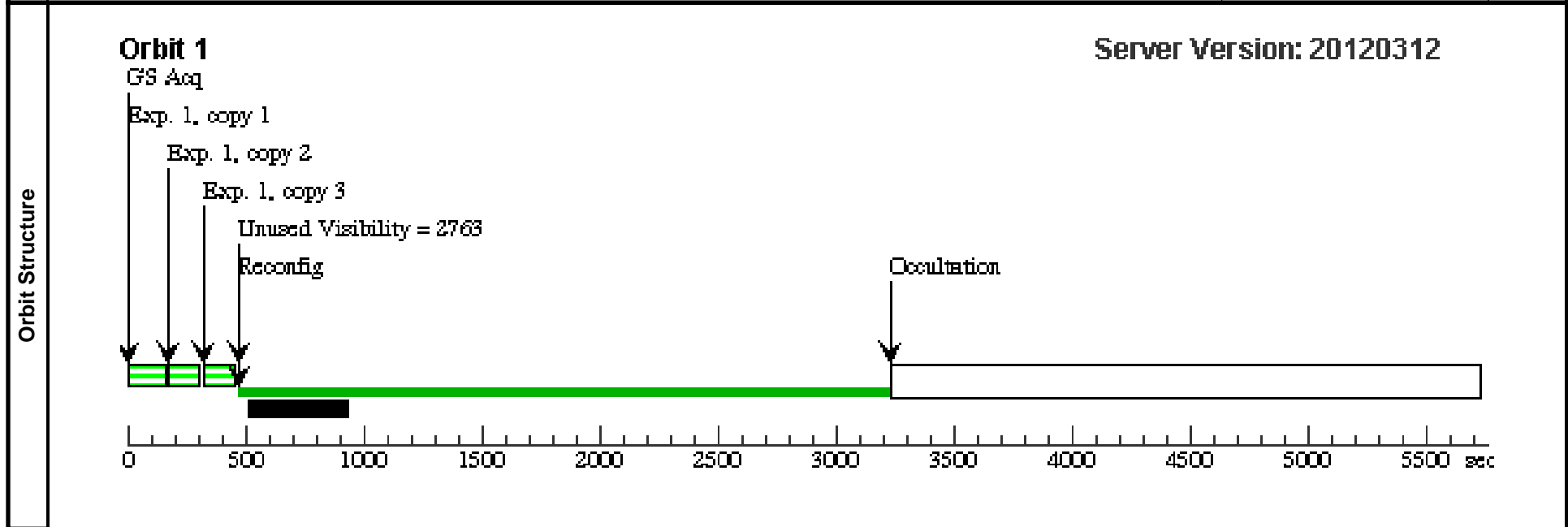


Proposal 12709 - Visit 71 - UVIS and IR Earth Flats

Tue Jun 05 01:21:56 GMT 2012

Visit
Proposal 12709, Visit 71, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/IR
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: IR moonlit earth, F110W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=6; SAMP-SEQ=SPAR S25			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

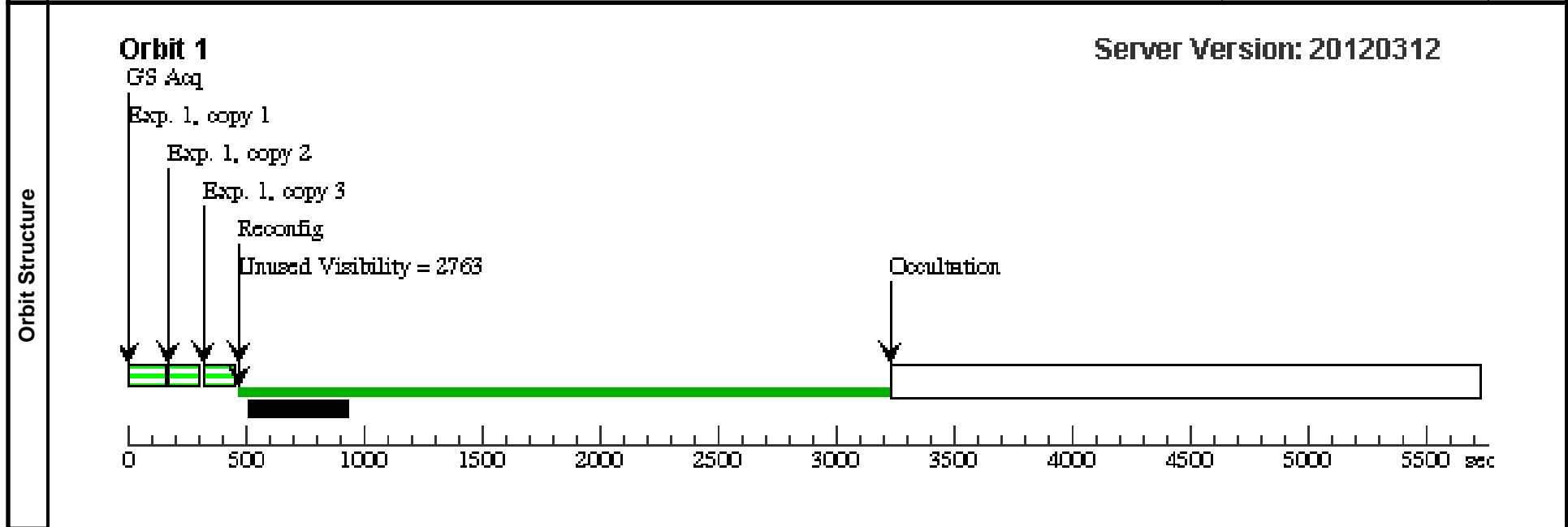


Proposal 12709 - Visit 72 - UVIS and IR Earth Flats

Tue Jun 05 01:21:57 GMT 2012

Visit
Proposal 12709, Visit 72, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/IR
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: IR moonlit earth, F110W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=6; SAMP-SEQ=SPAR S25			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

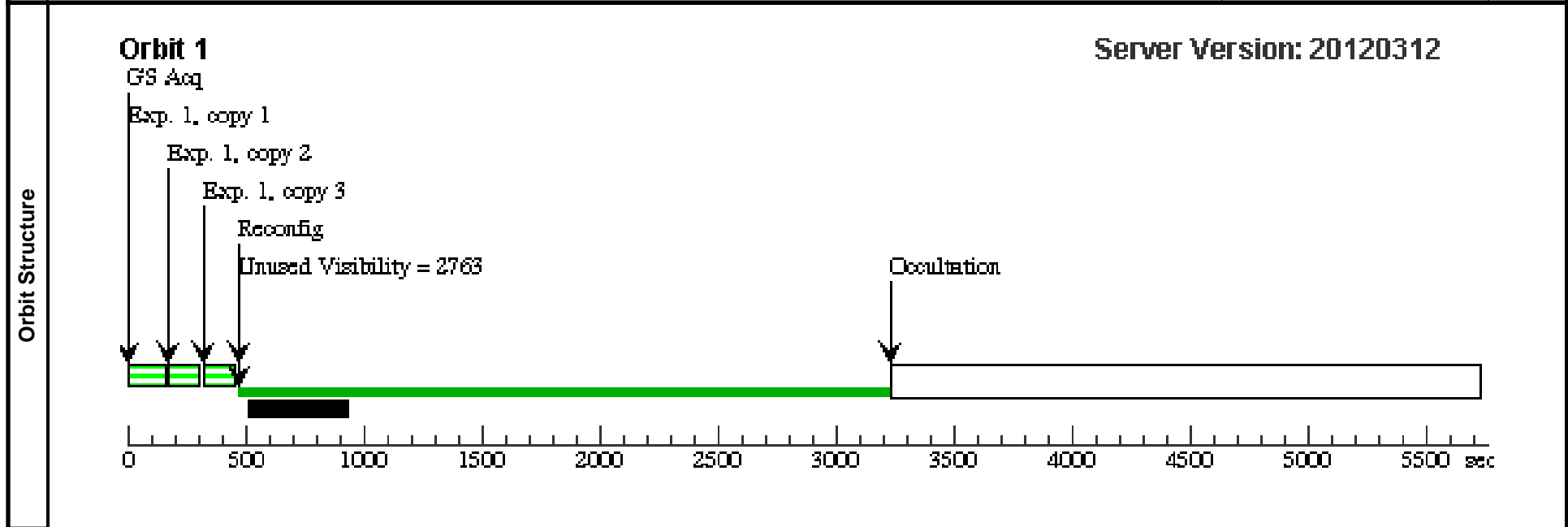


Proposal 12709 - Visit 73 - UVIS and IR Earth Flats

Tue Jun 05 01:21:57 GMT 2012

Visit
Proposal 12709, Visit 73, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/IR
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: IR moonlit earth, F110W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=6; SAMP-SEQ=SPAR S25			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

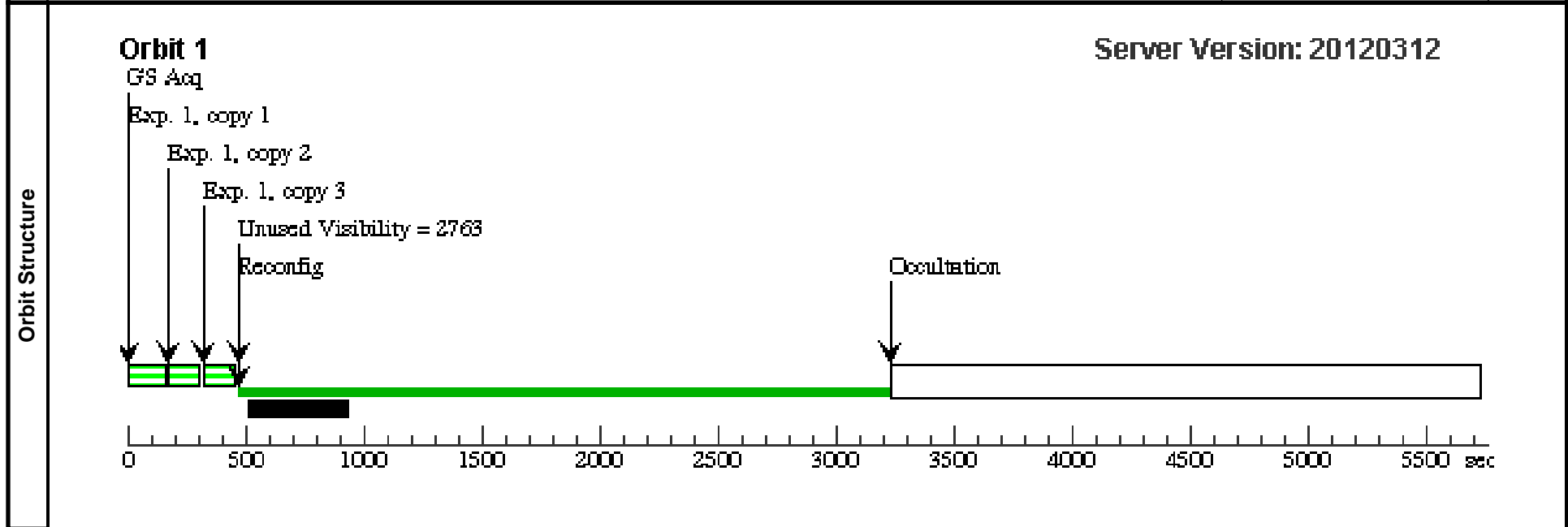


Proposal 12709 - Visit 81 - UVIS and IR Earth Flats

Tue Jun 05 01:21:57 GMT 2012

Visit
Proposal 12709, Visit 81, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/IR
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: IR moonlit earth, F125W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S25			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

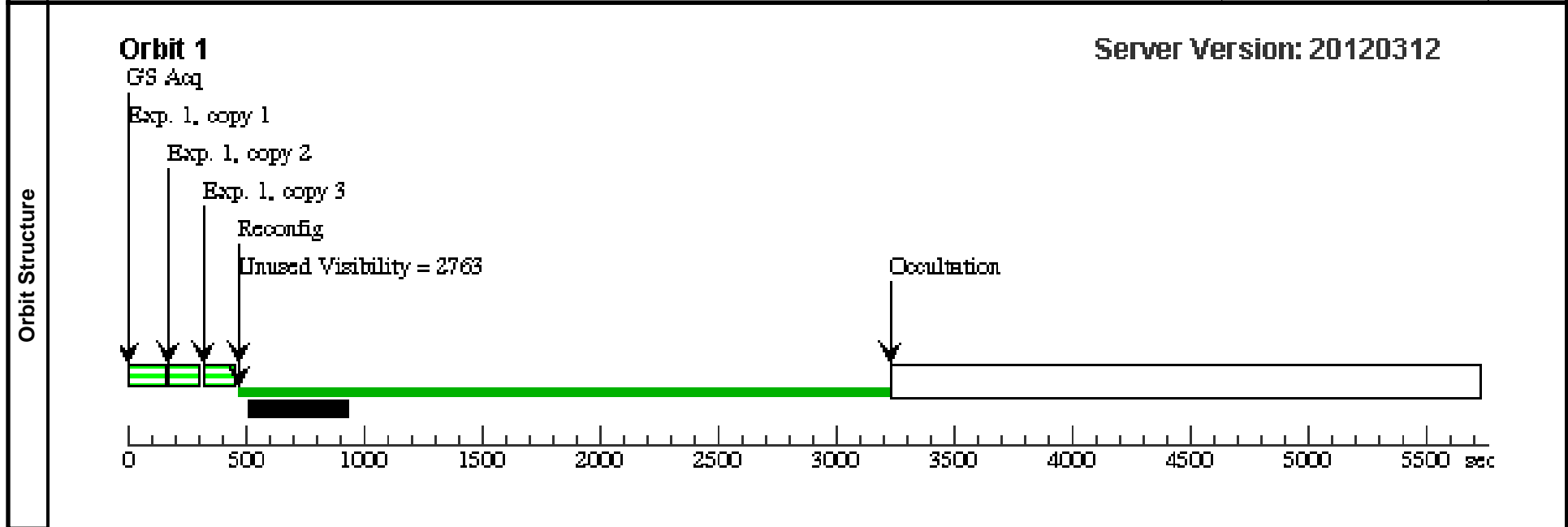


Proposal 12709 - Visit 82 - UVIS and IR Earth Flats

Tue Jun 05 01:21:58 GMT 2012

Visit
Proposal 12709, Visit 82, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/IR
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
 Comments: IR moonlit earth, F125W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S25			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

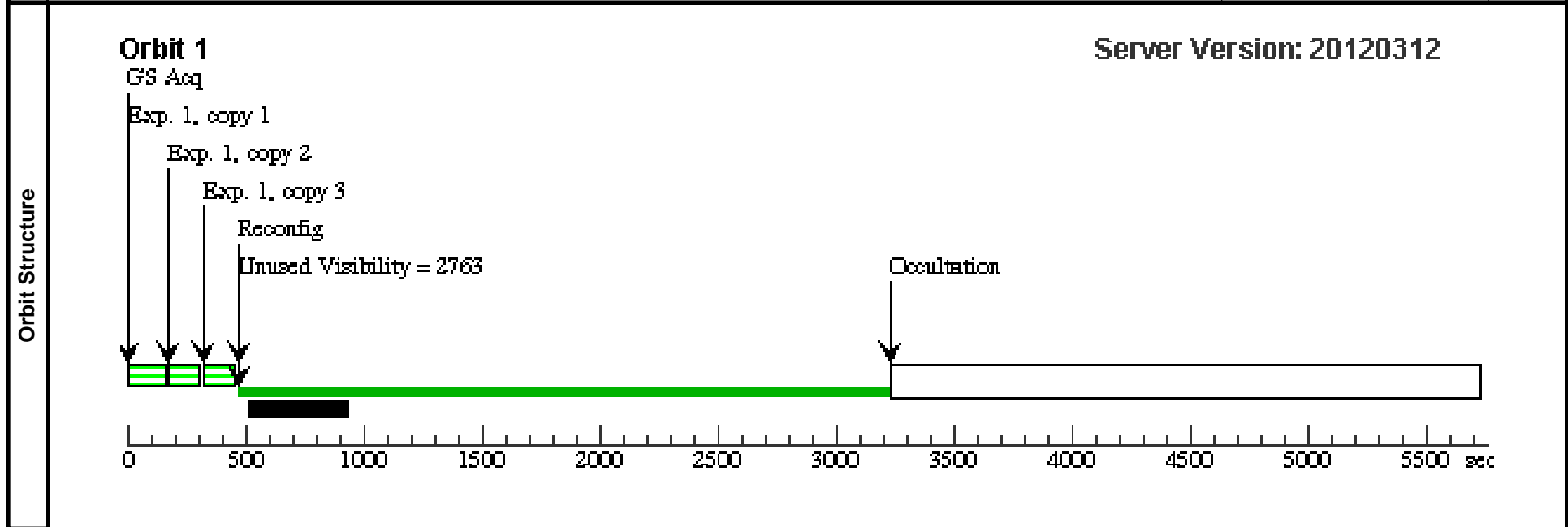


Proposal 12709 - Visit 83 - UVIS and IR Earth Flats

Tue Jun 05 01:21:58 GMT 2012

Visit
Proposal 12709, Visit 83, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/IR
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: IR moonlit earth, F125W. During Full Moon.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=6; SAMP-SEQ=SPAR S25			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

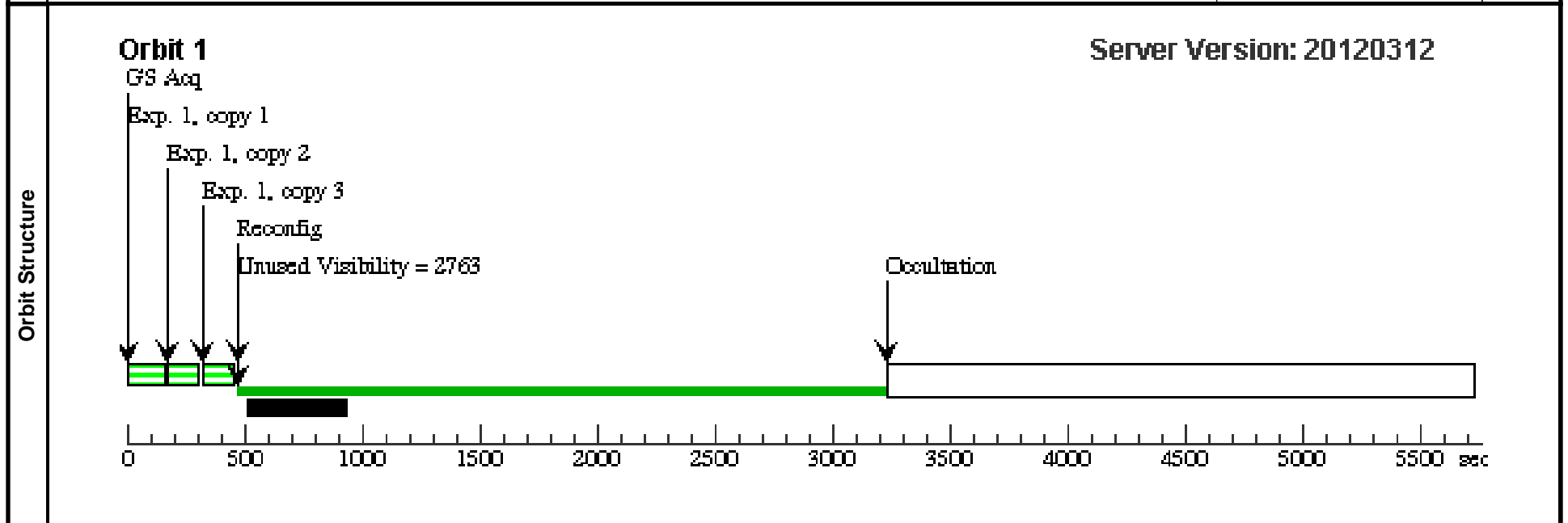


Proposal 12709 - Visit 91 - UVIS and IR Earth Flats

Tue Jun 05 01:21:58 GMT 2012

Visit	Proposal 12709, Visit 91, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) Comments: IR moonlit earth, F153M. This visit can execute any time that HST can observe the dark earth. They do not need to be done during the full moon, because the OH airglow should be enough to meet our flux requirements.								

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F153M	NSAMP=6; SAMP-SEQ=SPAR S25	QASISTATES WFC 3 DET IROCC IRO CC		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

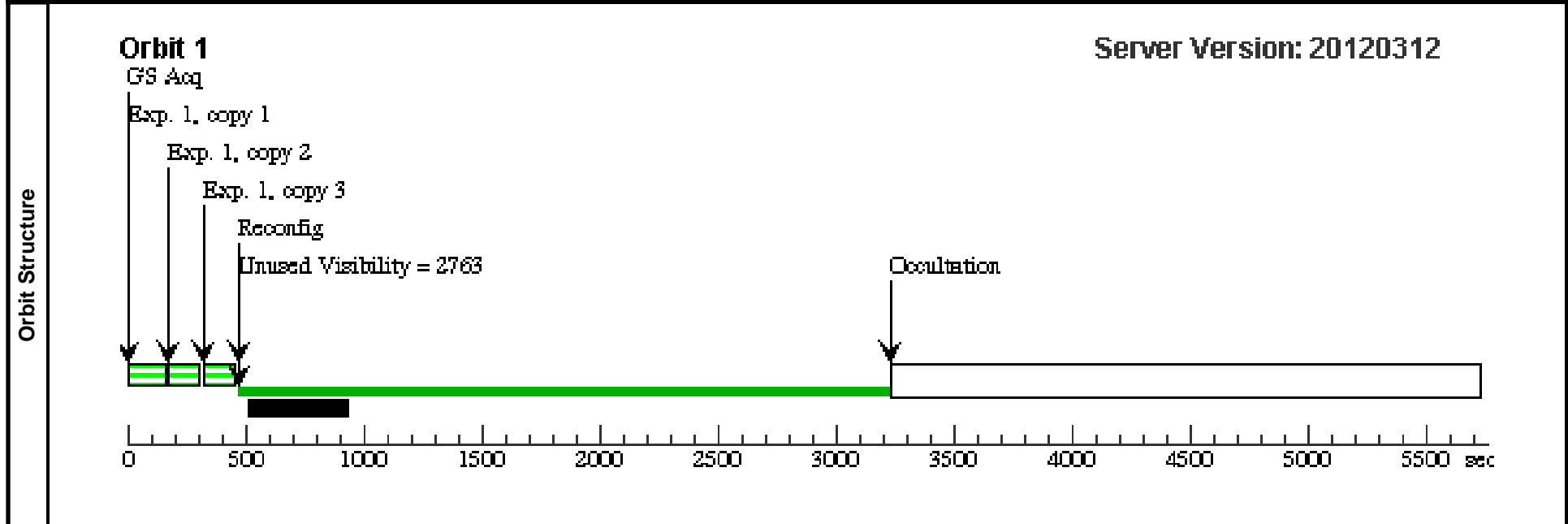


Proposal 12709 - Visit 92 - UVIS and IR Earth Flats

Tue Jun 05 01:21:58 GMT 2012

Visit	Proposal 12709, Visit 92, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) Comments: IR moonlit earth, F153M. This visit can execute any time that HST can observe the dark earth. They do not need to be done during the full moon, because the OH airglow should be enough to meet our flux requirements.								

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F153M	NSAMP=6; SAMP-SEQ=SPAR S25	QASISTATES WFC 3 DET IROCC IRO CC		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

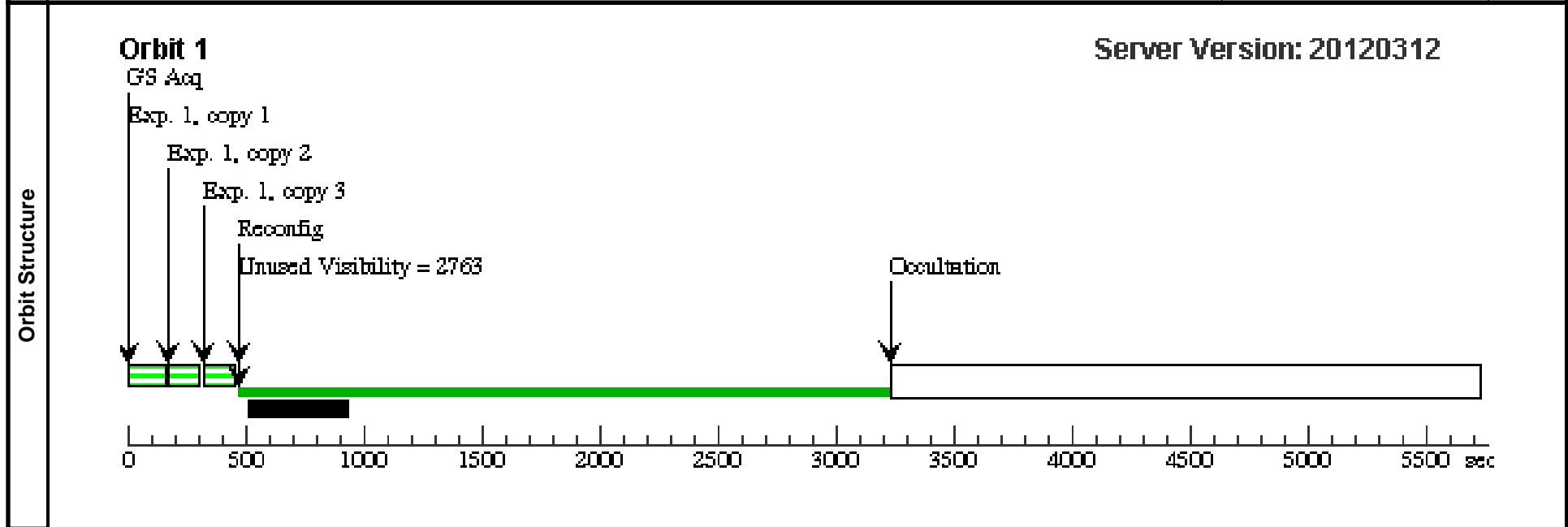


Proposal 12709 - Visit 93 - UVIS and IR Earth Flats

Tue Jun 05 01:21:59 GMT 2012

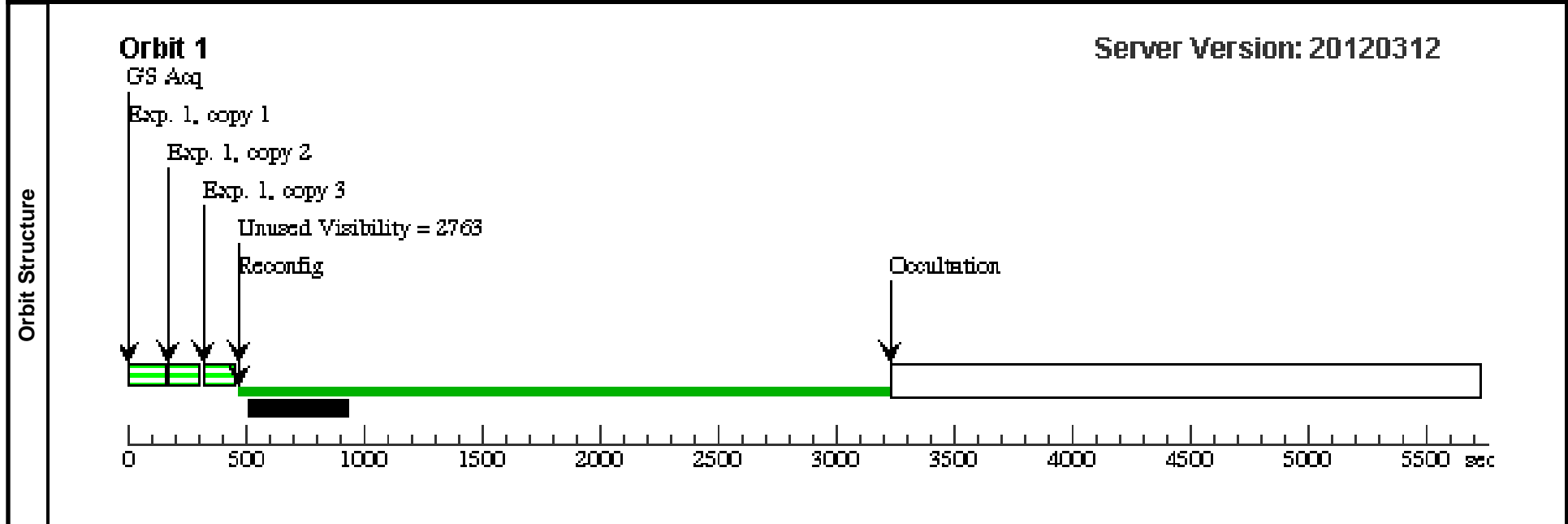
Visit
Proposal 12709, Visit 93, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/IR
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: IR moonlit earth, F153M. During Full Moon for comparison.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F153M	NSAMP=6; SAMP-SEQ=SPAR S25			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]



Visit	Proposal 12709, Visit AA, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) Comments: IR moonlit earth, F164N. This visit can execute any time that HST can observe the dark earth. They do not need to be done during the full moon, because the OH airglow should be enough to meet our flux requirements.							
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F164N	NSAMP=6; SAMP-SEQ=SPAR S25	QASISTATES WFC 3 DET IROCC IRO CC		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

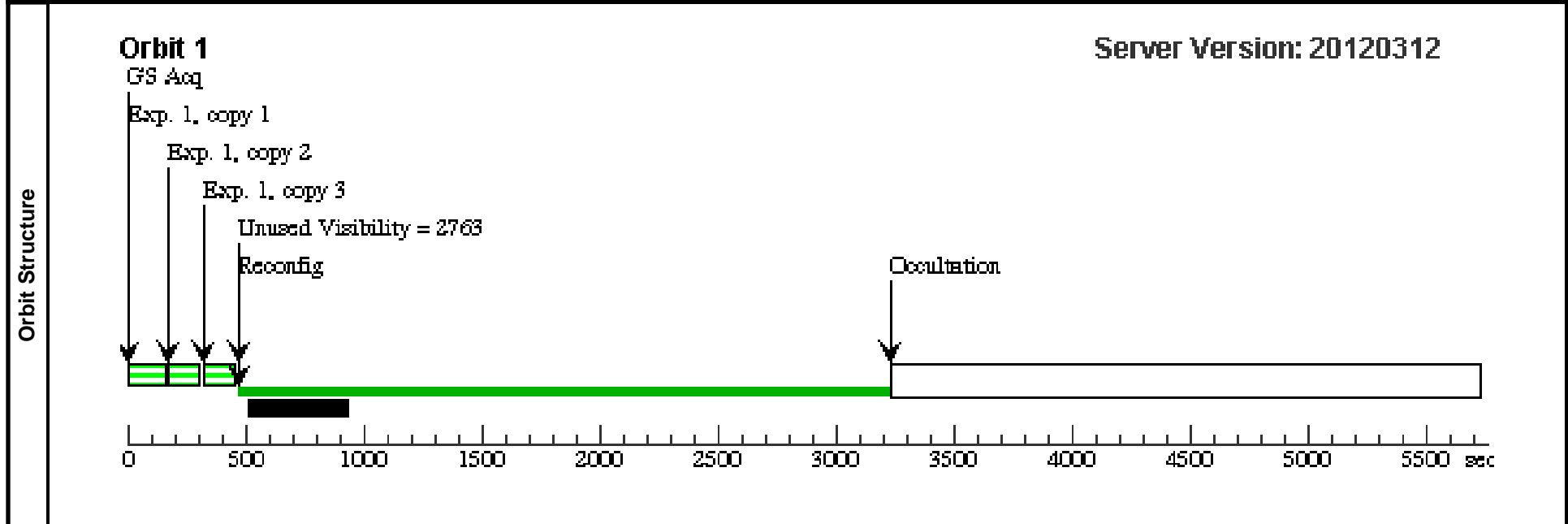


Proposal 12709 - Visit AB - UVIS and IR Earth Flats

Tue Jun 05 01:21:59 GMT 2012

Visit	Proposal 12709, Visit AB, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) <i>Comments: IR moonlit earth, F164N. This visit can execute any time that HST can observe the dark earth. They do not need to be done during the full moon, because the OH airglow should be enough to meet our flux requirements.</i>							
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F164N	NSAMP=6; SAMP-SEQ=SPAR S25	QASISTATES WFC 3 DET IROCC IRO CC		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

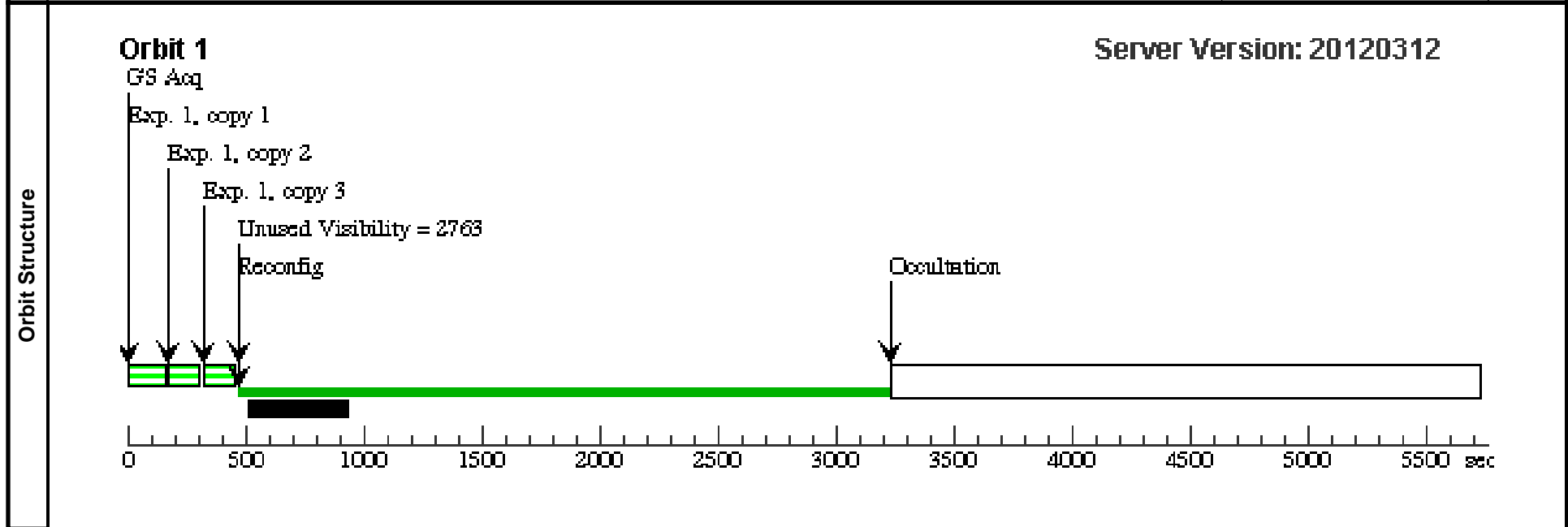


Proposal 12709 - Visit AC - UVIS and IR Earth Flats

Tue Jun 05 01:22:00 GMT 2012

Visit
Proposal 12709, Visit AC, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/IR
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: IR moonlit earth, F164N. During Full Moon for comparison.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F164N	NSAMP=6; SAMP-SEQ=SPAR S25			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

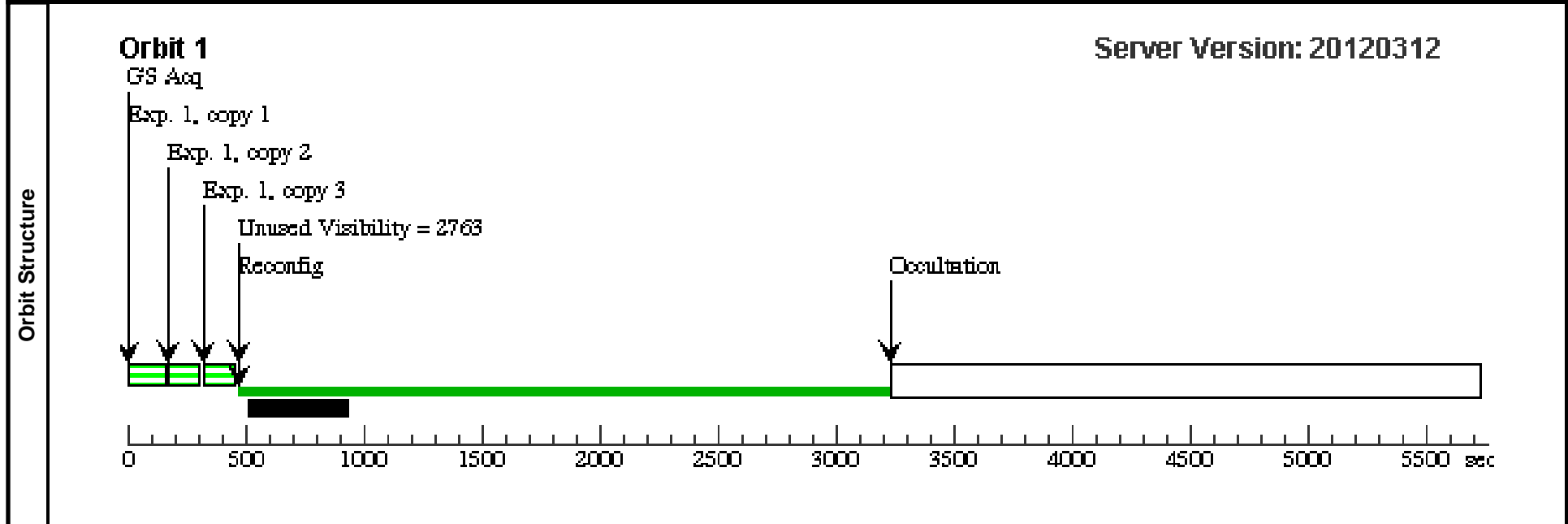


Proposal 12709 - Visit BB - UVIS and IR Earth Flats

Tue Jun 05 01:22:00 GMT 2012

Visit	Proposal 12709, Visit BB, completed								
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) <i>Comments: IR moonlit earth, F167N. This visit can execute any time that HST can observe the dark earth. They do not need to be done during the full moon, because the OH airglow should be enough to meet our flux requirements.</i>								

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F167N	NSAMP=6; SAMP-SEQ=SPAR S25	QASISTATES WFC 3 DET IROCC IRO CC		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

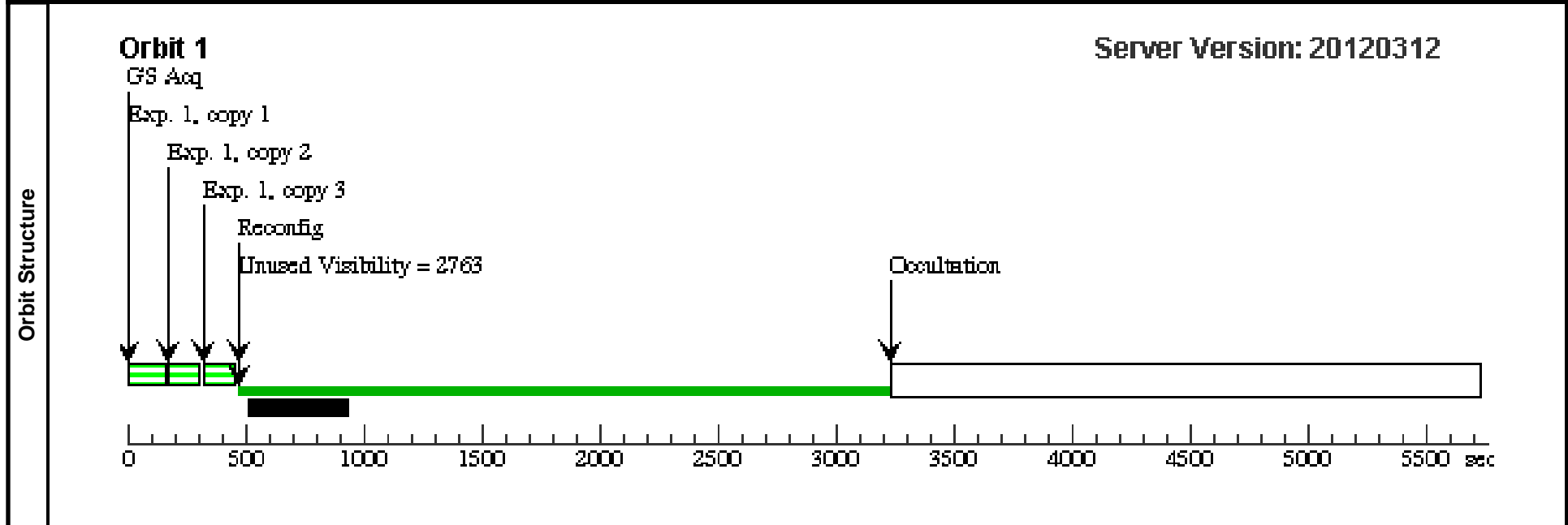


Proposal 12709 - Visit BC - UVIS and IR Earth Flats

Tue Jun 05 01:22:00 GMT 2012

Visit	Proposal 12709, Visit BC, completed								
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) <i>Comments: IR moonlit earth, F167N. This visit can execute any time that HST can observe the dark earth. They do not need to be done during the full moon, because the OH airglow should be enough to meet our flux requirements.</i>								

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F167N	NSAMP=6; SAMP-SEQ=SPAR S25	QASISTATES WFC 3 DET IROCC IRO CC		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]



Proposal 12709 - Visit BD - UVIS and IR Earth Flats

Tue Jun 05 01:22:00 GMT 2012

Visit
Proposal 12709, Visit BD, scheduling
Diagnostic Status: No Diagnostics
 Scientific Instruments: WFC3/IR
 Special Requirements: BETWEEN 10-OCT-2011:02:06:00 AND 14-OCT-2011:02:06:00; BETWEEN 08-NOV-2011:20:16:00 AND 12-NOV-2011:20:16:00; BETWEEN 08-DEC-2011:14:36:00 AND 12-DEC-2011:14:36:00; BETWEEN 07-JAN-2012:07:30:00 AND 11-JAN-2012:07:30:00; BETWEEN 05-FEB-2012:21:54:00 AND 09-FEB-2012:21:54:00; BETWEEN 06-MAR-2012:09:40:00 AND 10-MAR-2012:09:40:00; BETWEEN 04-APR-2012:19:19:00 AND 08-APR-2012:19:19:00; BETWEEN 04-MAY-2012:03:35:00 AND 08-MAY-2012:03:35:00; BETWEEN 02-JUN-2012:11:12:00 AND 06-JUN-2012:11:12:00; BETWEEN 01-JUL-2012:18:52:00 AND 05-JUL-2012:18:52:00; BETWEEN 31-JUL-2012:03:28:00 AND 04-AUG-2012:03:28:00; BETWEEN 29-AUG-2012:13:59:00 AND 02-SEP-2012:13:59:00
Comments: IR moonlit earth, F167N. During Full Moon for comparison.

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		DARK-EARTH-CA LIB	WFC3/IR, MULTIACCUM, IR	F167N	NSAMP=6; SAMP-SEQ=SPAR S25			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]

