



12591 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Cycle: 19, Proposal Category: SNAP

(Availability Mode: SUPPORTED)

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>
01	(1) NGC7507	ACS/WFC	1	19-Oct-2011 21:48:41.0	yes
02	(2) NGC5831	ACS/WFC	1	19-Oct-2011 21:48:45.0	yes
03	(3) NGC3193	ACS/WFC	1	19-Oct-2011 21:48:47.0	yes
04	(4) NGC5582	ACS/WFC	1	19-Oct-2011 21:48:50.0	yes
05	(5) NGC4648	ACS/WFC	1	19-Oct-2011 21:48:52.0	yes
06	(6) NGC6017	ACS/WFC	1	19-Oct-2011 21:48:55.0	yes
07	(7) NGC3457	ACS/WFC	1	19-Oct-2011 21:48:58.0	yes
08	(8) NGC3928	ACS/WFC	1	19-Oct-2011 21:49:00.0	yes
09	(9) UGC07767	ACS/WFC	1	19-Oct-2011 21:49:03.0	yes
10	(10) NGC3265	ACS/WFC	1	19-Oct-2011 21:49:06.0	yes
11	(11) IC1729	ACS/WFC	1	19-Oct-2011 21:49:08.0	yes

<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>
12	(12) NGC2970	ACS/WFC	1	19-Oct-2011 21:49:11.0	yes
13	(13) NGC3522	ACS/WFC	1	19-Oct-2011 21:49:13.0	yes
14	(14) PGC056821	ACS/WFC	1	19-Oct-2011 21:49:16.0	yes
15	(15) ESO540-014	ACS/WFC	1	19-Oct-2011 21:49:18.0	yes
16	(16) SDSSJ150822.69+014754.9	ACS/WFC	1	19-Oct-2011 21:49:20.0	yes
17	(17) NGC1370	ACS/WFC	1	19-Oct-2011 21:49:23.0	yes
18	(18) NGC4125	ACS/WFC	1	19-Oct-2011 21:49:25.0	yes
19	(19) NGC4494	ACS/WFC	1	19-Oct-2011 21:49:27.0	yes
20	(20) NGC5077	ACS/WFC	1	19-Oct-2011 21:49:30.0	yes
21	(21) NGC821	ACS/WFC	1	19-Oct-2011 21:49:34.0	yes
22	(22) NGC3585	ACS/WFC	1	19-Oct-2011 21:49:37.0	yes
23	(23) NGC1332	ACS/WFC	1	19-Oct-2011 21:49:39.0	yes
24	(24) NGC4036	ACS/WFC	1	19-Oct-2011 21:49:41.0	yes
25	(25) NGC4291	ACS/WFC	1	19-Oct-2011 21:49:43.0	yes
26	(26) NGC5838	ACS/WFC	1	19-Oct-2011 21:49:45.0	yes
27	(27) NGC4742	ACS/WFC	1	19-Oct-2011 21:49:48.0	yes
28	(28) NGC5845	ACS/WFC	1	19-Oct-2011 21:49:50.0	yes
29	(29) NGC855	ACS/WFC	1	19-Oct-2011 21:49:53.0	yes
30	(30) NGC1331	ACS/WFC	1	19-Oct-2011 21:49:56.0	yes
31	(31) NGC4121	ACS/WFC	1	19-Oct-2011 21:49:58.0	yes

31 Total Orbits Used

ABSTRACT

We propose a snapshot survey of a sample of 31 faint nearby spheroidal galaxies with faint X-ray cores with ACS. These observations will complement an approved Chandra program which targets 100 field spheroids within 30 Mpc, searching for low level accretion-powered emission from nuclear super-massive black holes. The resolution of ACS will enable us to infer the presence of nuclear star clusters, determine their stellar

mass if present, and thus effectively correct for contamination from low-mass X-ray binaries to the nuclear X-ray emission detected by Chandra. Combining this new program with our well matched Virgo cluster survey (also Chandra/HST), we will be able to investigate and compare accretion-powered activity from local super-massive black holes over two well controlled-samples of field as well as cluster spheroidal galaxies, and to do so down to unprecedented low Eddington ratios.

OBSERVING DESCRIPTION

Goals of the Observations: The goal of our observations is to infer the presence of nuclear star clusters and determine their stellar mass if present, in those 34 galaxies (out of those targeted by the AMUSE-field Chandra survey) which have detected X-ray cores. This will enable to quantify the chance contamination from low-mass X-ray binaries within the Chandra PSF, hence the fraction of highly sub-Eddington super-massive black holes in our sample.

Sample Selection: The 100 field spheroids targeted by Chandra were selected in the following way. We searched the HyperLeda catalog for spheroidal galaxies with inferred heliocentric velocity lower than 1800 km/s, and Galactic longitude between $230 < l < 294$ (in order to exclude members of Virgo and Fornax, the only two clusters within our velocity limit), and galactic latitude $b > +30$ and $b < 30$, in order to avoid severe absorption effects. For an optimal comparison with the Virgo cluster objects, we further restricted our list to galaxies within a distance of 30 Mpc, resulting in 100 spheroids with $MB < 13$. So far (75 targets analyzed) we detected X-ray emission from a position consistent with the optical center in 34 galaxies; out of these 34, only 3 have archival ACS images: we thus request dual band ACS images of the remaining 31 galaxies. In order to make optimal use of HST capabilities, we request the observations be taken in a snapshot mode.

Choice of Camera and Filters: we need at least two bands to be able to estimate the stellar mass of the nuclear star cluster, covering a long wavelength baseline. As demonstrated by the ACS-VCS survey filters F475W and F850LP are the most efficient combination. Furthermore adopting the same camera and filters of ACS-VCS facilitates comparisons between the two samples.

Exposure Times: Based on our previous experience with the ACS-VCS survey archival dataset, we find that 800 s of total integration time per target is sufficient to achieve the required S/N ratio on the nuclear regions (all of our galaxies are located within 30 Mpc). Each will be split into 3 exposures, a 60s exposure through filter F850LP, followed by a longer exposure, of 340s, in each filter. The first short exposure carries little extra cost because it is followed by a longer exposure to avoid buffer dump overhead and is needed to obtain unsaturated images in case a bright nuclear point source is present.

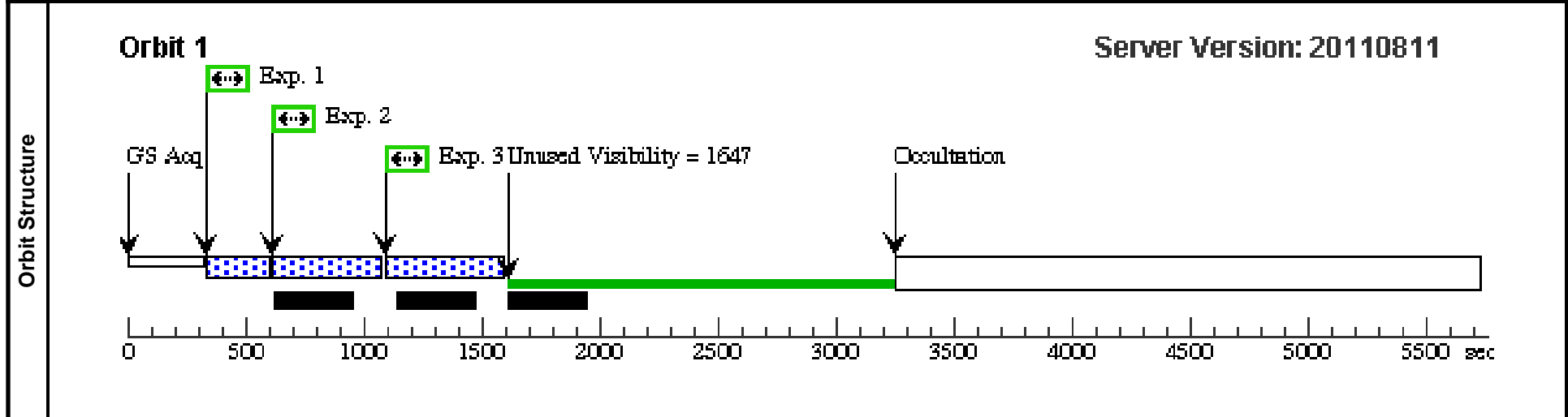
Proposal 12591 - Visit 01 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:05 GMT 2011

Visit	Proposal 12591, Visit 01, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	NGC7507	RA: 23 12 7.6000 (348.0316667d) Dec: -28 32 23.00 (-28.53972d) Equinox: J2000		V=12.2+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) NGC7507	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 01	60 Secs [=>]	[1]
	2		(1) NGC7507	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 01	340 Secs [=>]	[1]
	3		(1) NGC7507	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 01	340 Secs [=>]	[1]



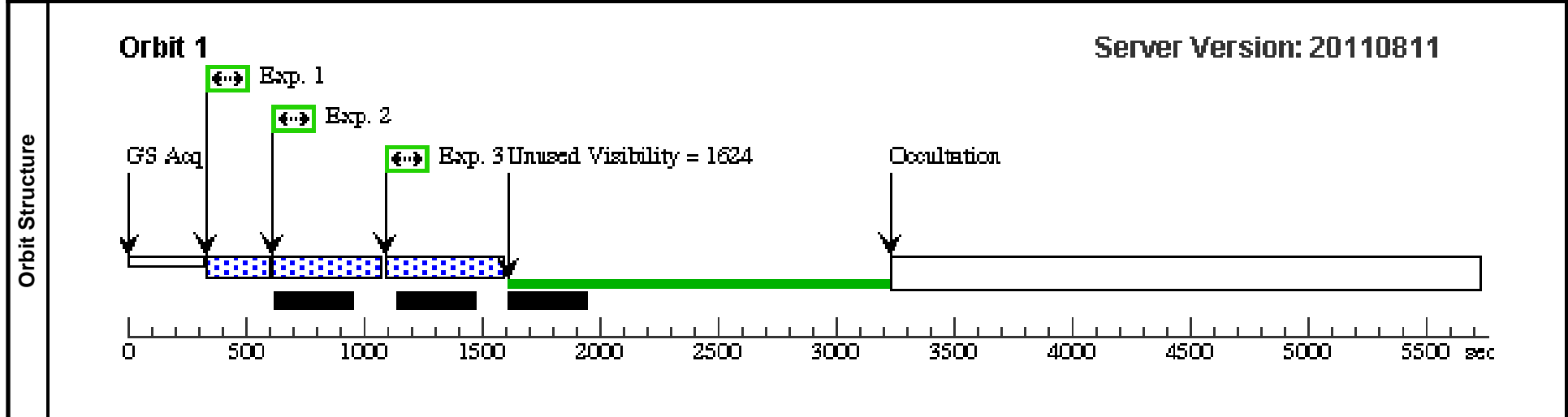
Proposal 12591 - Visit 02 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:07 GMT 2011

Visit	Proposal 12591, Visit 02, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	NGC5831	RA: 15 04 7.0000 (226.0291667d) Dec: +01 13 12.00 (1.22000d) Equinox: J2000		V=12.4+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(2) NGC5831	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 02	60 Secs [==>]	[1]
	2		(2) NGC5831	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 02	340 Secs [==>]	[1]
	3		(2) NGC5831	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 02	340 Secs [==>]	[1]



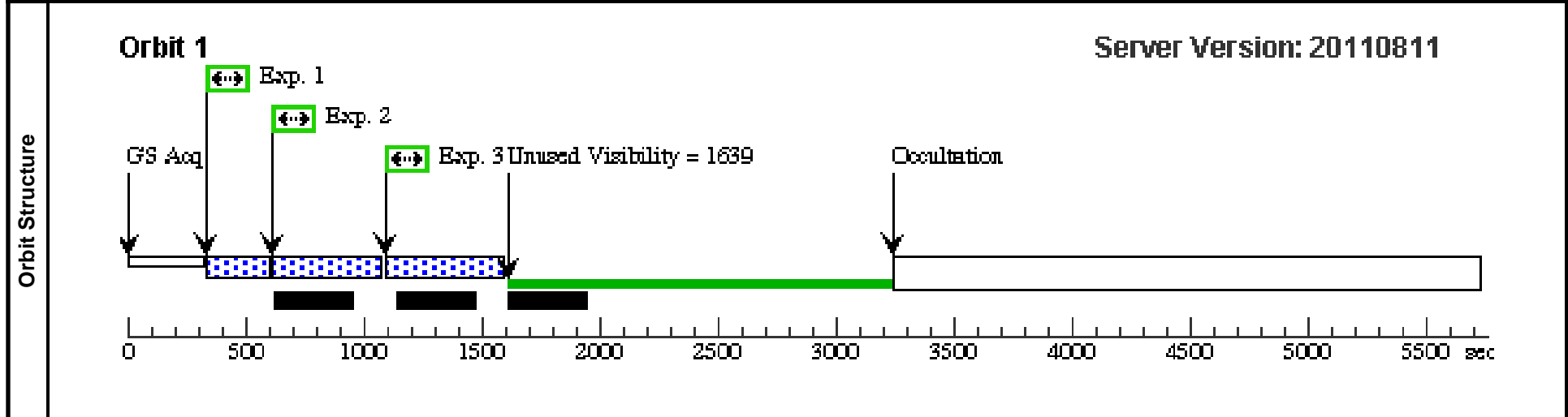
Proposal 12591 - Visit 03 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:08 GMT 2011

Visit	Proposal 12591, Visit 03, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	NGC3193	RA: 10 18 24.9000 (154.6037500d) Dec: +21 53 38.00 (21.89389d) Equinox: J2000		V=11.8+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) NGC3193	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 03	60 Secs [==>]	[1]
	2		(3) NGC3193	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 03	340 Secs [==>]	[1]
	3		(3) NGC3193	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 03	340 Secs [==>]	[1]



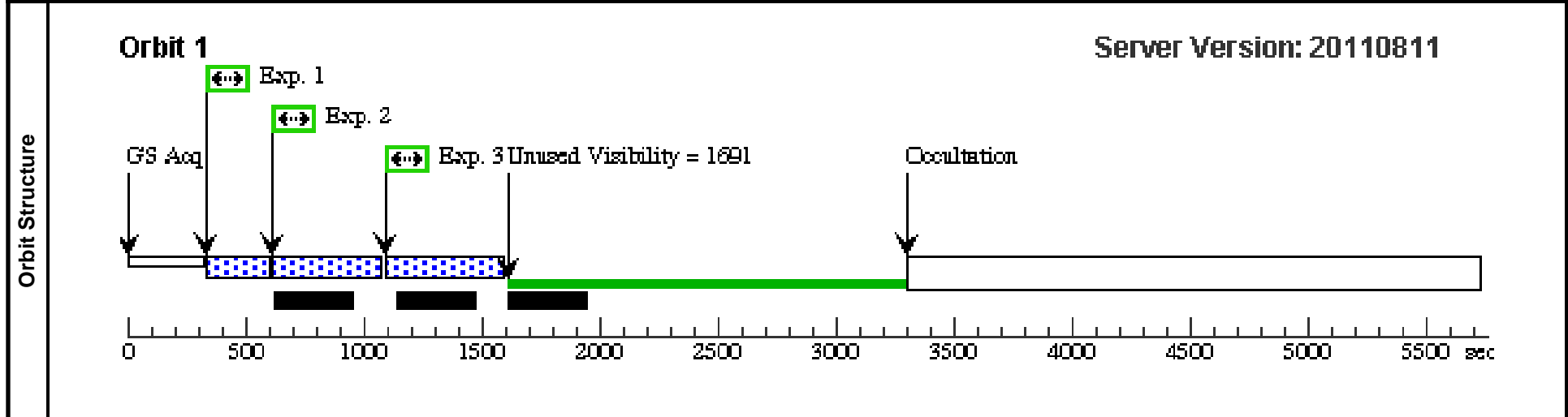
Proposal 12591 - Visit 04 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:09 GMT 2011

Visit	Proposal 12591, Visit 04, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	NGC5582	RA: 14 20 43.1000 (215.1795833d) Dec: +39 41 37.00 (39.69361d) Equinox: J2000		V=12.5+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) NGC5582	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 04	60 Secs [==>]	[1]
	2		(4) NGC5582	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 04	340 Secs [==>]	[1]
	3		(4) NGC5582	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 04	340 Secs [==>]	[1]



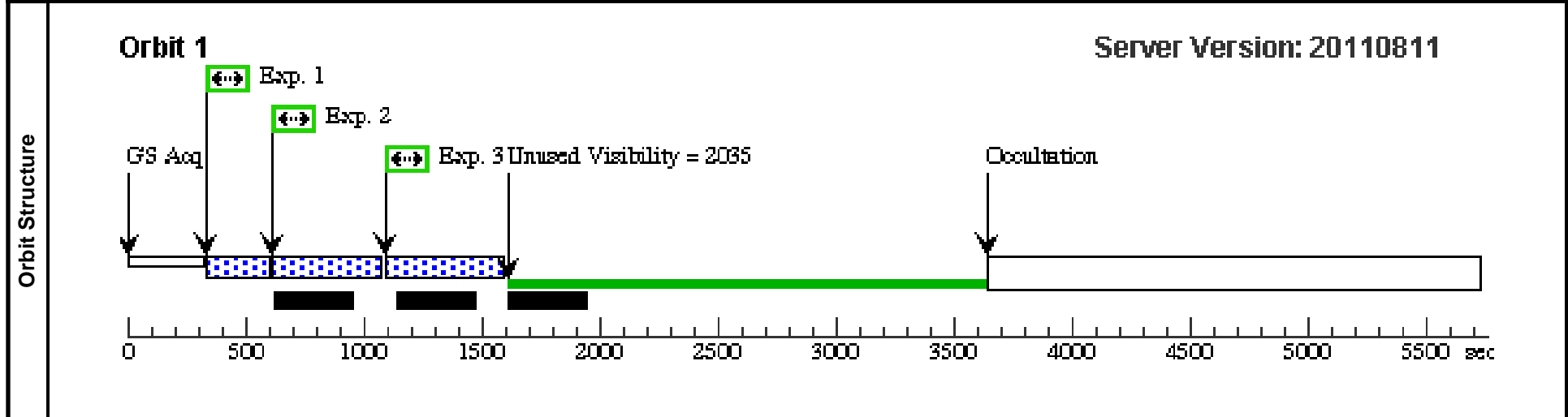
Proposal 12591 - Visit 05 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:09 GMT 2011

Visit	Proposal 12591, Visit 05, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	NGC4648	RA: 12 41 44.4000 (190.4350000d) Dec: +74 25 15.00 (74.42083d) Equinox: J2000		V=13.0+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(5) NGC4648	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 05	60 Secs [==>]	[1]
	2		(5) NGC4648	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 05	340 Secs [==>]	[1]
	3		(5) NGC4648	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 05	340 Secs [==>]	[1]



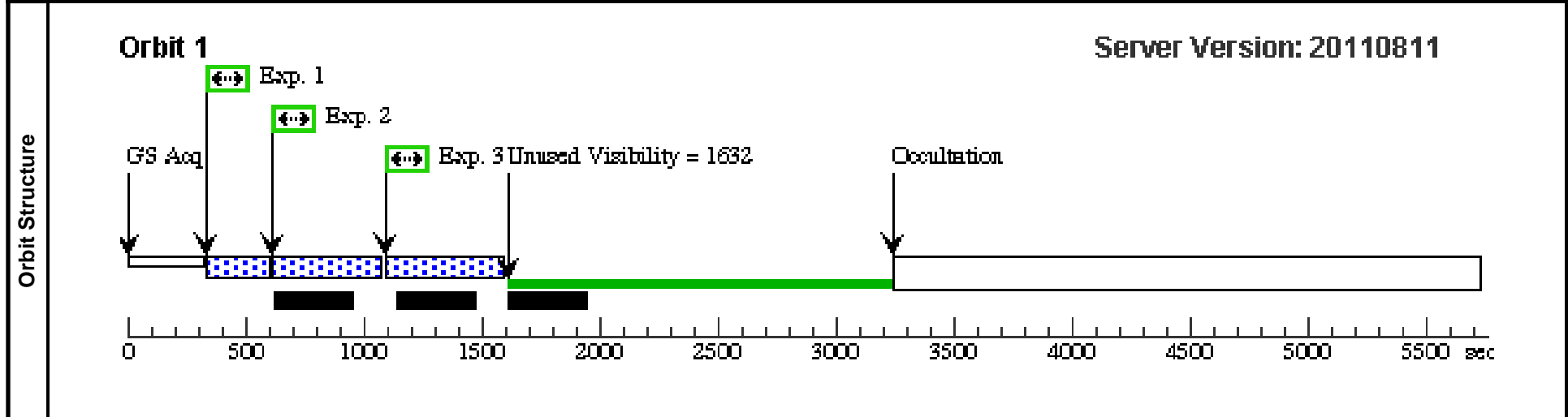
Proposal 12591 - Visit 06 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:10 GMT 2011

Visit	Proposal 12591, Visit 06, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	NGC6017	RA: 15 57 15.4000 (239.3141667d) Dec: +05 59 54.00 (5.99833d) Equinox: J2000		V=14.1+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(6) NGC6017	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 06	60 Secs [=>]	[1]
	2		(6) NGC6017	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 06	340 Secs [=>]	[1]
	3		(6) NGC6017	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 06	340 Secs [=>]	[1]



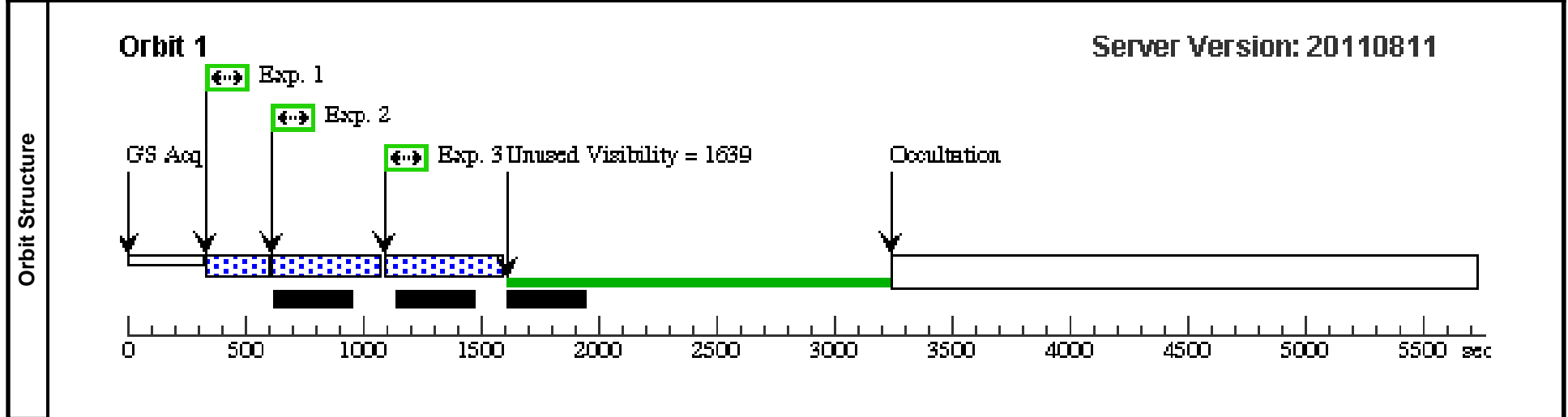
Proposal 12591 - Visit 07 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:10 GMT 2011

Visit	Proposal 12591, Visit 07, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	NGC3457	RA: 10 54 48.6000 (163.7025000d) Dec: +17 37 16.00 (17.62111d) Equinox: J2000		V=13.6+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(7) NGC3457	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 07	60 Secs [=>]	[1]
	2		(7) NGC3457	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 07	340 Secs [=>]	[1]
	3		(7) NGC3457	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 07	340 Secs [=>]	[1]



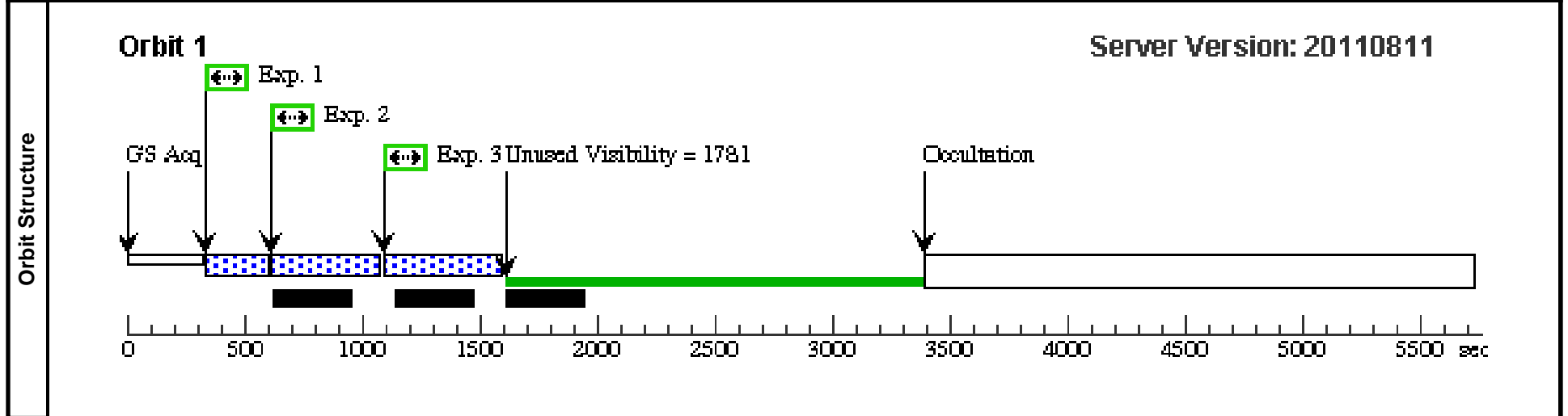
Proposal 12591 - Visit 08 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:10 GMT 2011

Visit	Proposal 12591, Visit 08, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	NGC3928	RA: 11 51 47.6000 (177.9483333d) Dec: +48 40 59.00 (48.68306d) Equinox: J2000		V=13.0+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(8) NGC3928	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 08	60 Secs [==>]	[1]
	2		(8) NGC3928	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 08	340 Secs [==>]	[1]
	3		(8) NGC3928	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 08	340 Secs [==>]	[1]



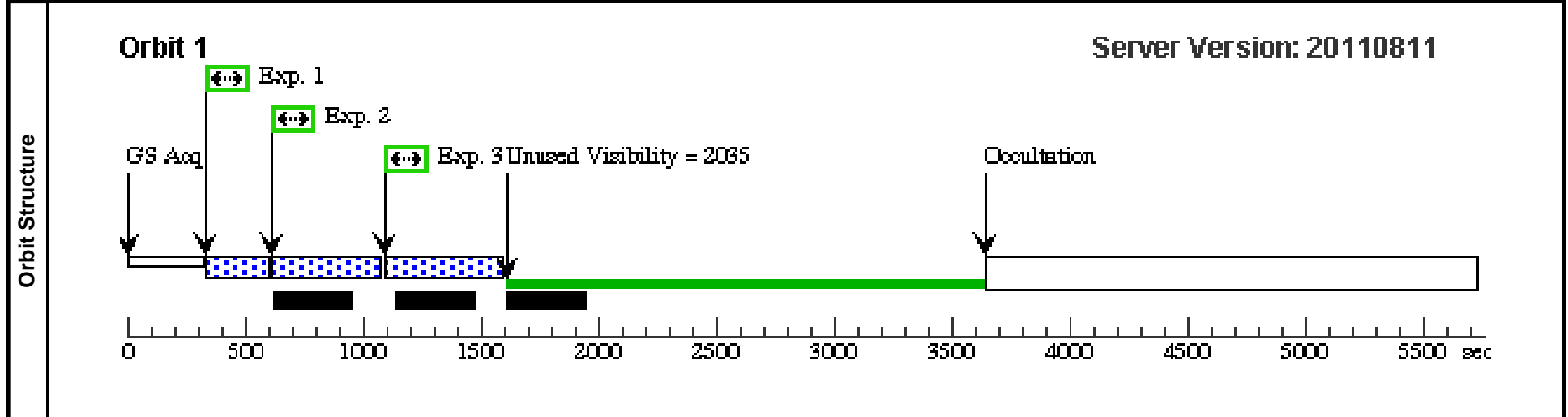
Proposal 12591 - Visit 09 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:10 GMT 2011

Visit	Proposal 12591, Visit 09, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(9)	UGC07767	RA: 12 35 32.4000 (188.8850000d) Dec: +73 40 29.00 (73.67472d) Equinox: J2000		V=13.6+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(9) UGC07767	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 09	60 Secs [==>]	[1]
	2		(9) UGC07767	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 09	340 Secs [==>]	[1]
	3		(9) UGC07767	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 09	340 Secs [==>]	[1]



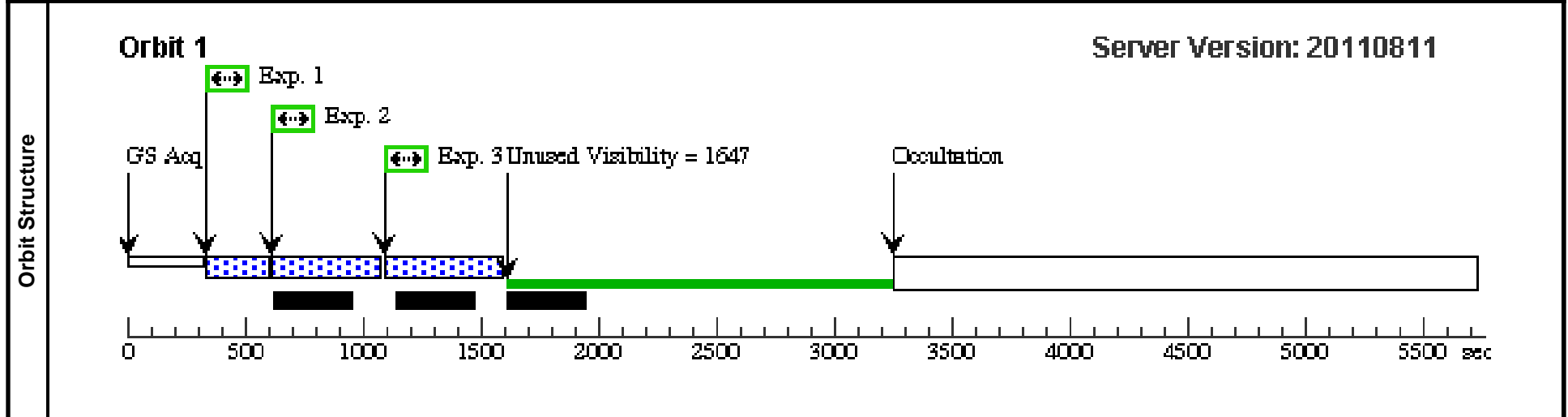
Proposal 12591 - Visit 10 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:11 GMT 2011

Visit	Proposal 12591, Visit 10, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(10)	NGC3265	RA: 10 31 6.8000 (157.7783333d) Dec: +28 47 48.00 (28.79667d) Equinox: J2000		V=13.8+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(10) NGC3265	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 10	60 Secs [==>]	[1]
	2		(10) NGC3265	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 10	340 Secs [==>]	[1]
	3		(10) NGC3265	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 10	340 Secs [==>]	[1]



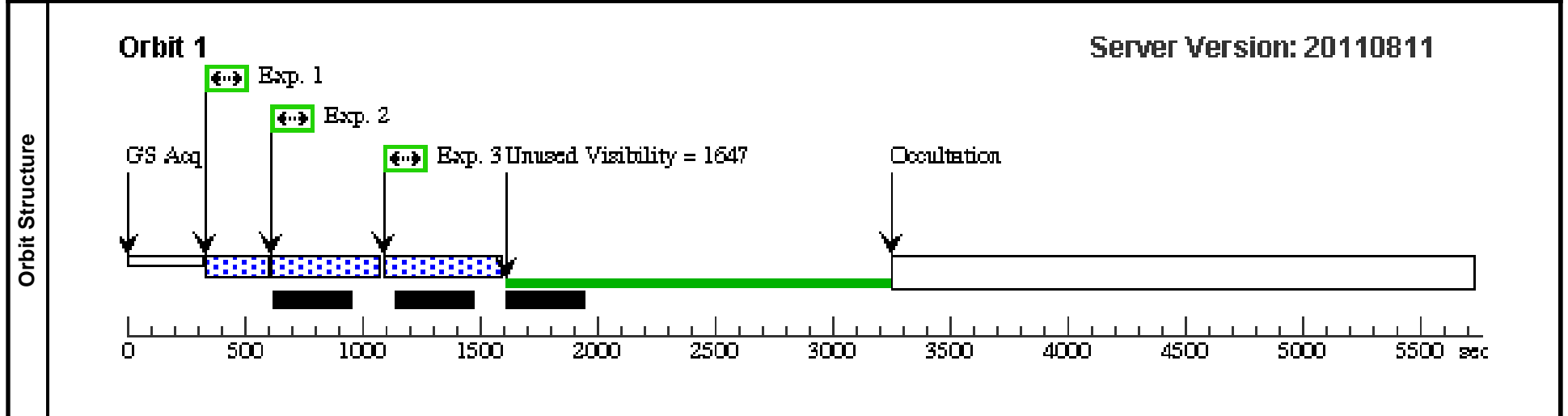
Proposal 12591 - Visit 11 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:11 GMT 2011

Visit	Proposal 12591, Visit 11, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	IC1729	RA: 01 47 55.2000 (26.9800000d) Dec: -26 53 32.00 (-26.89222d) Equinox: J2000		V=13.6+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(11) IC1729	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 11	60 Secs [=>]	[1]
	2		(11) IC1729	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 11	340 Secs [=>]	[1]
	3		(11) IC1729	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 11	340 Secs [=>]	[1]



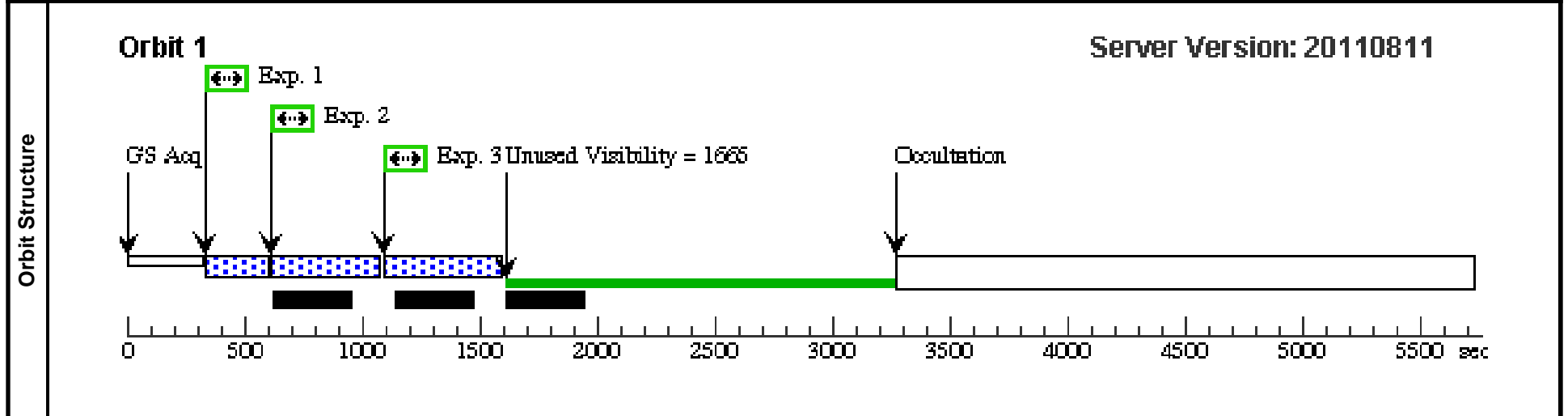
Proposal 12591 - Visit 12 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:11 GMT 2011

Visit	Proposal 12591, Visit 12, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(12)	NGC2970	RA: 09 43 31.0000 (145.8791667d) Dec: +31 58 37.00 (31.97694d) Equinox: J2000		V=14.4+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(12) NGC2970	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 12	60 Secs [==>]	[1]
	2		(12) NGC2970	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 12	340 Secs [==>]	[1]
	3		(12) NGC2970	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 12	340 Secs [==>]	[1]



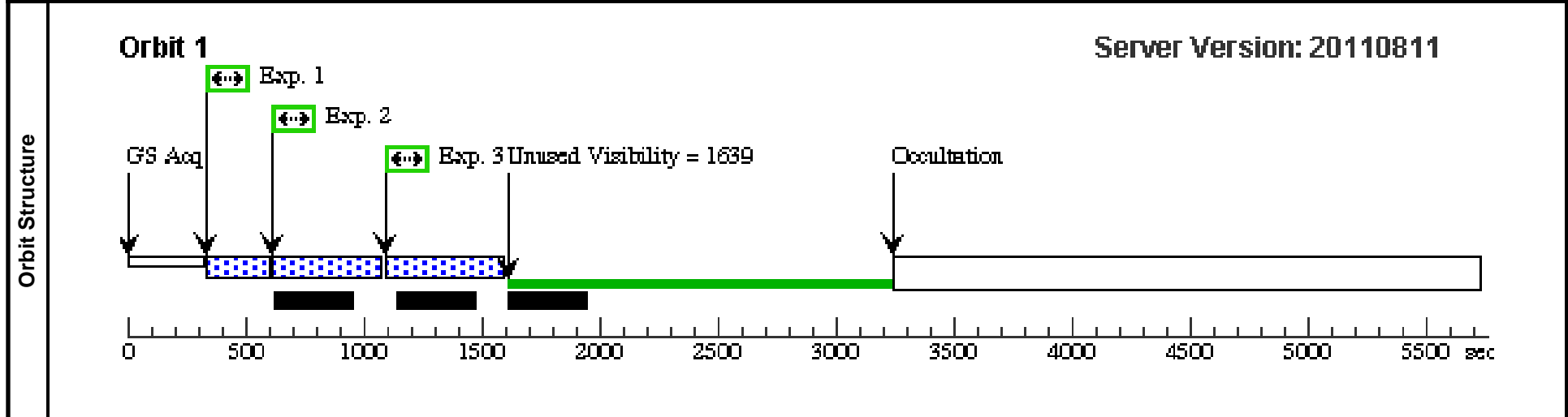
Proposal 12591 - Visit 13 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:11 GMT 2011

Visit	Proposal 12591, Visit 13, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(13)	NGC3522	RA: 11 06 40.4000 (166.6683333d) Dec: +20 05 8.00 (20.08556d) Equinox: J2000		V=14.1+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(13) NGC3522	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 13	60 Secs [=>]	[1]
	2		(13) NGC3522	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 13	340 Secs [=>]	[1]
	3		(13) NGC3522	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 13	340 Secs [=>]	[1]



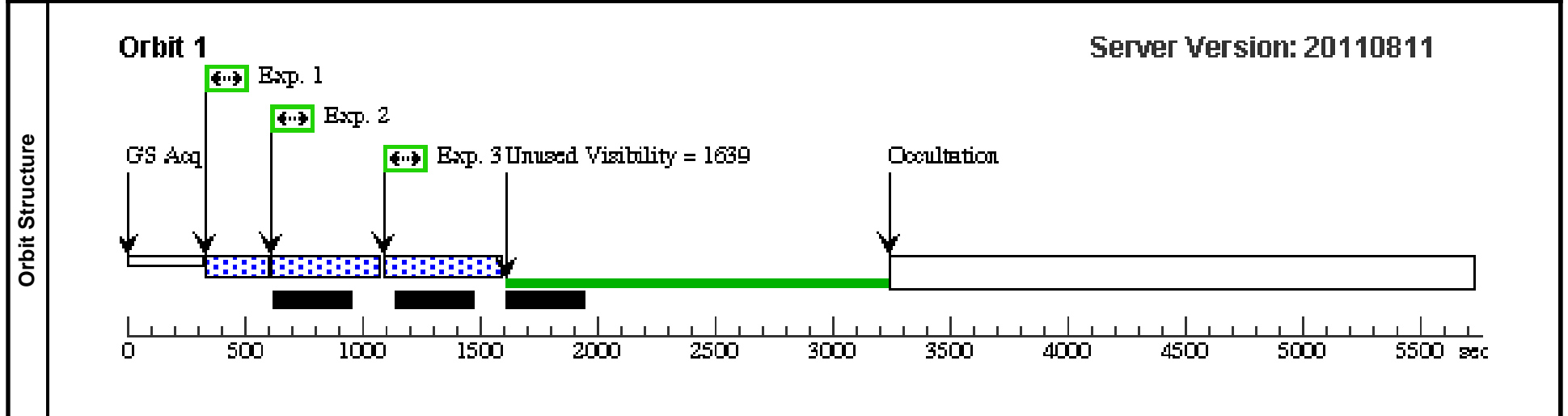
Proposal 12591 - Visit 14 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:12 GMT 2011

Visit	Proposal 12591, Visit 14, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	PGC056821	RA: 16 02 47.4000 (240.6975000d) Dec: +19 47 14.00 (19.78722d) Equinox: J2000		V=15.3+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(14) PGC056821	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 14	60 Secs [==>]	[1]
	2		(14) PGC056821	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 14	340 Secs [==>]	[1]
	3		(14) PGC056821	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 14	340 Secs [==>]	[1]



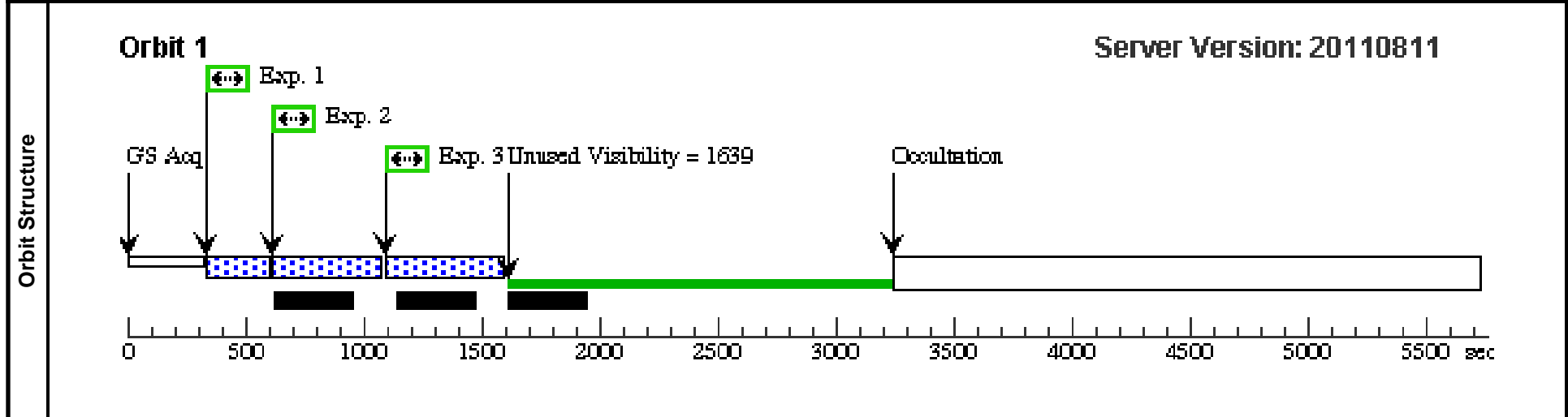
Proposal 12591 - Visit 15 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:12 GMT 2011

Visit	Proposal 12591, Visit 15, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(15)	ESO540-014	RA: 00 41 11.7000 (10.2987500d) Dec: -21 07 54.00 (-21.13167d) Equinox: J2000		V=15.4+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(15) ESO540-014	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 15	60 Secs [==>]	[1]
	2		(15) ESO540-014	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 15	340 Secs [==>]	[1]
	3		(15) ESO540-014	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 15	340 Secs [==>]	[1]



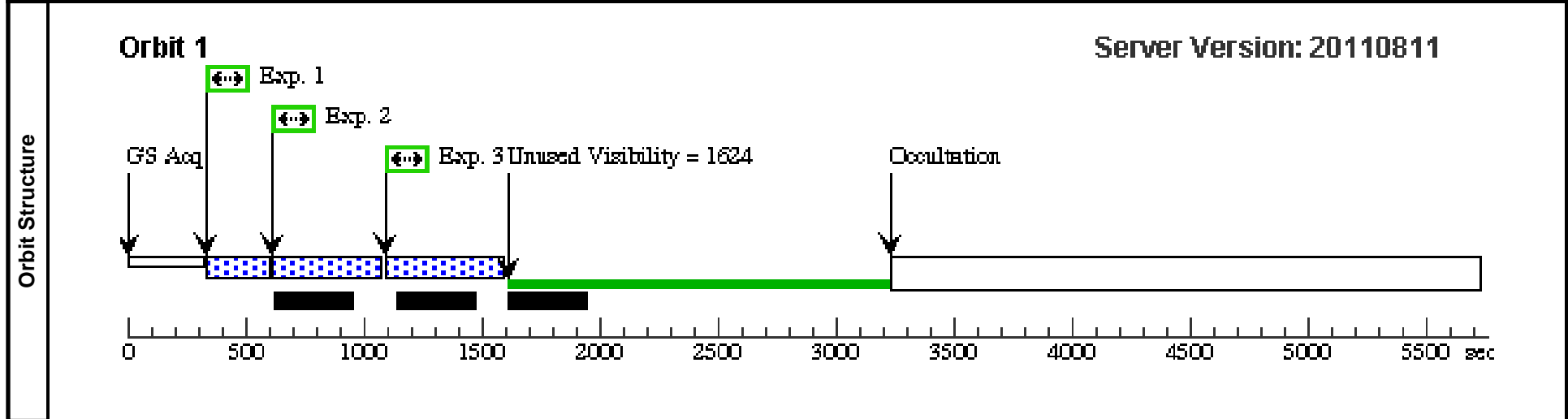
Proposal 12591 - Visit 16 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:12 GMT 2011

Visit	Proposal 12591, Visit 16, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(16)	SDSSJ150822.69+014754.9	RA: 15 08 22.7000 (227.0945833d) Dec: +01 47 55.00 (1.79861d) Equinox: J2000		V=17.7+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(16) SDSSJ150822.69+014754.9	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 16	60 Secs [=>]	[1]
	2		(16) SDSSJ150822.69+014754.9	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 16	340 Secs [=>]	[1]
	3		(16) SDSSJ150822.69+014754.9	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 16	340 Secs [=>]	[1]



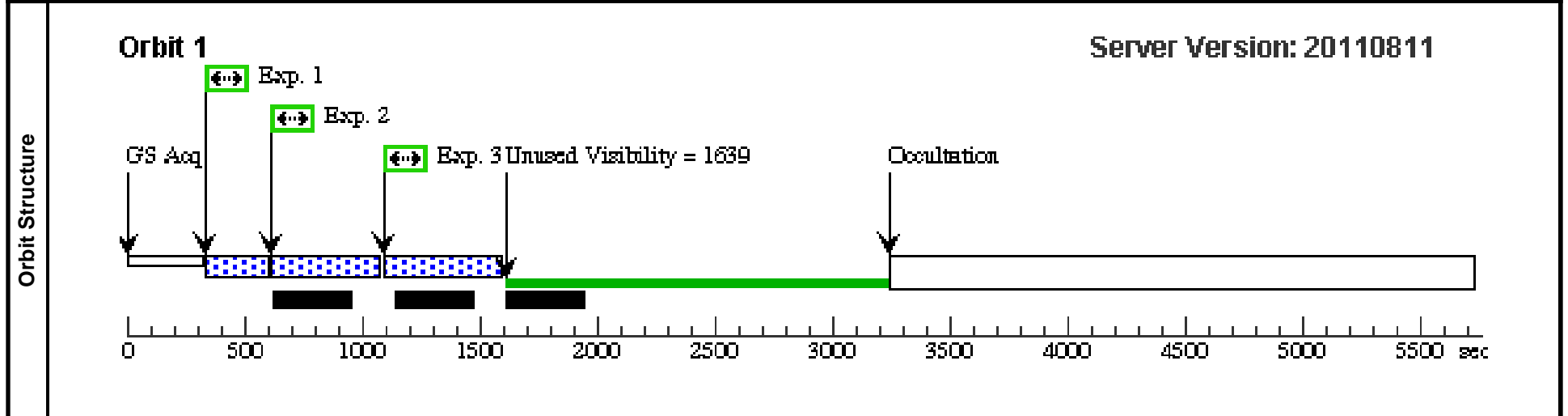
Proposal 12591 - Visit 17 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:12 GMT 2011

Visit	Proposal 12591, Visit 17, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(17)	NGC1370	RA: 03 35 14.6000 (53.8108333d) Dec: -20 22 25.00 (-20.37361d) Equinox: J2000		V=13.7+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(17) NGC1370	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 17	60 Secs [==>]	[1]
	2		(17) NGC1370	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 17	340 Secs [==>]	[1]
	3		(17) NGC1370	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 17	340 Secs [==>]	[1]



Proposal 12591 - Visit 18 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:12 GMT 2011

Visit	Proposal 12591, Visit 18, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(18)	NGC4125	RA: 12 08 6.0000 (182.0250000d) Dec: +65 10 27.00 (65.17417d) Equinox: J2000		V=10.7+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(18) NGC4125	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 18	60 Secs [=>]	[1]
	2		(18) NGC4125	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 18	340 Secs [=>]	[1]
	3		(18) NGC4125	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 18	340 Secs [=>]	[1]



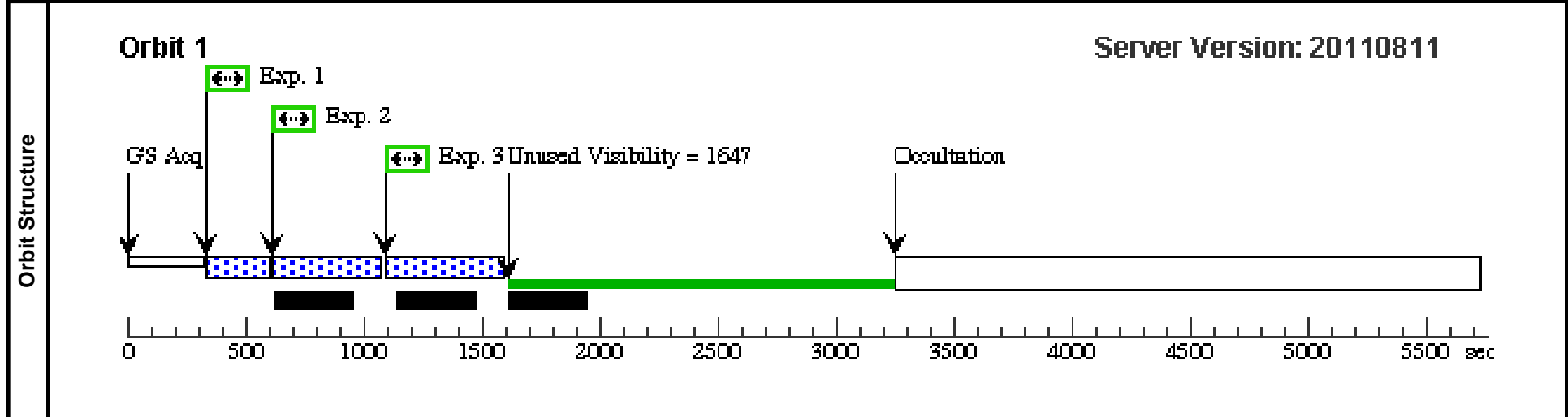
Proposal 12591 - Visit 19 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:13 GMT 2011

Visit	Proposal 12591, Visit 19, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(19)	NGC4494	RA: 12 31 24.1000 (187.8504167d) Dec: +25 46 31.00 (25.77528d) Equinox: J2000		V=10.7+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(19) NGC4494	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 19	60 Secs [=>]	[1]
	2		(19) NGC4494	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 19	340 Secs [=>]	[1]
	3		(19) NGC4494	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 19	340 Secs [=>]	[1]



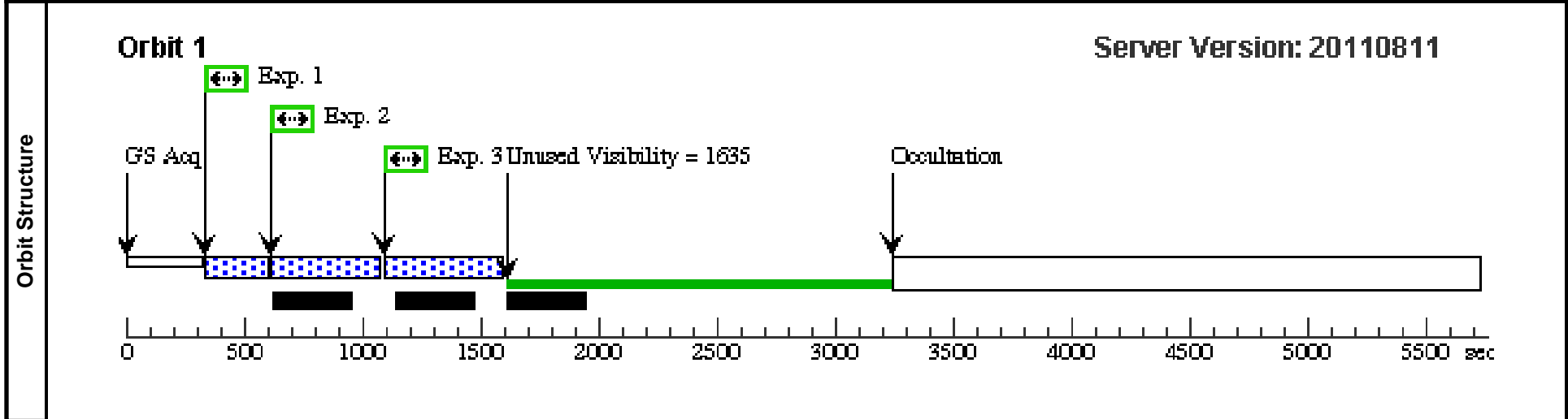
Proposal 12591 - Visit 20 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:13 GMT 2011

Visit	Proposal 12591, Visit 20, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(20)	NGC5077	RA: 13 19 31.7000 (199.8820833d) Dec: -12 39 25.00 (-12.65694d) Equinox: J2000		V=12.4+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(20) NGC5077	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 20	60 Secs [=>]	[1]
	2		(20) NGC5077	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 20	340 Secs [=>]	[1]
	3		(20) NGC5077	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 20	340 Secs [=>]	[1]



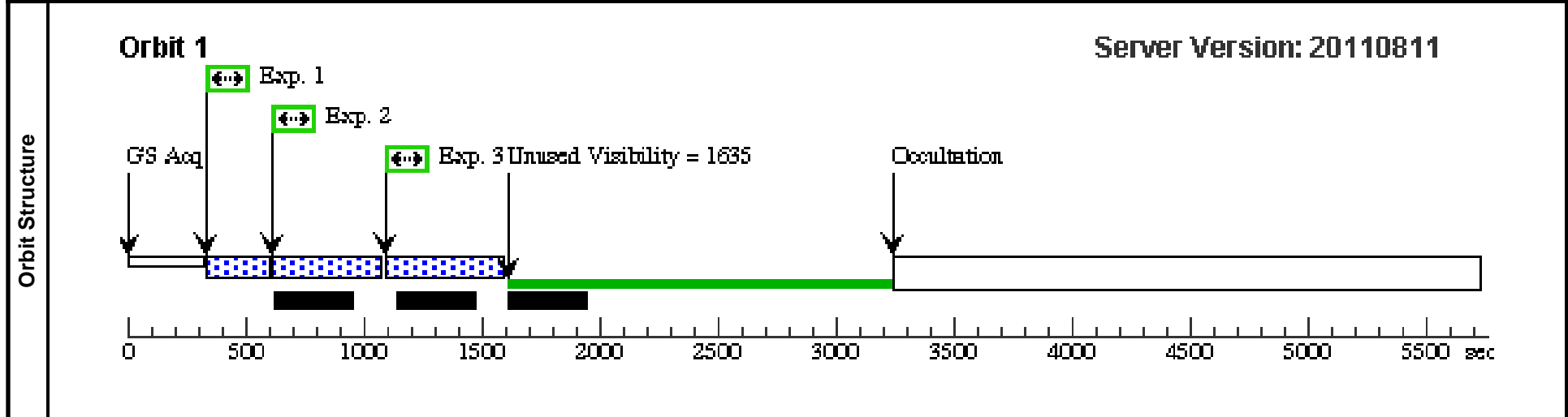
Proposal 12591 - Visit 21 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:13 GMT 2011

Visit	Proposal 12591, Visit 21, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(21)	NGC821	RA: 02 08 21.1000 (32.0879167d) Dec: +10 59 42.00 (10.99500d) Equinox: J2000		V=11.7+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(21) NGC821	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 21	60 Secs [=>]	[1]
	2		(21) NGC821	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 21	340 Secs [=>]	[1]
	3		(21) NGC821	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 21	340 Secs [=>]	[1]



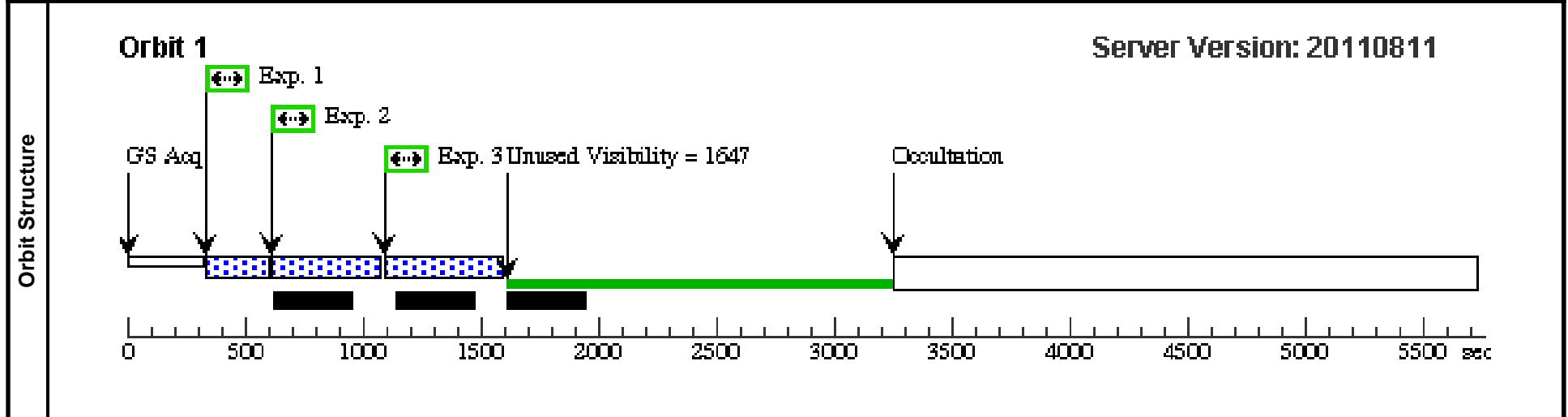
Proposal 12591 - Visit 22 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:13 GMT 2011

Visit	Proposal 12591, Visit 22, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(22)	NGC3585	RA: 11 13 17.1000 (168.3212500d) Dec: -26 45 17.00 (-26.75472d) Equinox: J2000		V=10.9+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(22) NGC3585	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 22	60 Secs [=>]	[1]
	2		(22) NGC3585	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 22	340 Secs [=>]	[1]
	3		(22) NGC3585	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 22	340 Secs [=>]	[1]



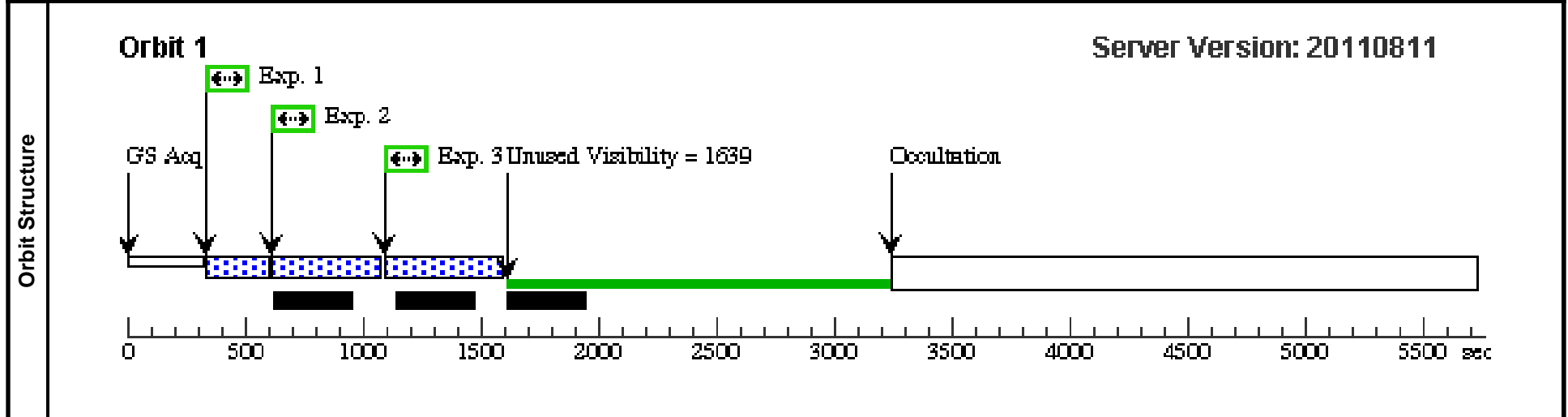
Proposal 12591 - Visit 23 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:14 GMT 2011

Visit	Proposal 12591, Visit 23, scheduling			
	Diagnostic Status: No Diagnostics			
	Scientific Instruments: ACS/WFC			
	Special Requirements: (none)			

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(23)	NGC1332	RA: 03 26 17.2000 (51.5716667d) Dec: -21 20 7.00 (-21.33528d) Equinox: J2000		V=12.1+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(23) NGC1332	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 23	60 Secs [=>]	[1]
	2		(23) NGC1332	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 23	340 Secs [=>]	[1]
	3		(23) NGC1332	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 23	340 Secs [=>]	[1]



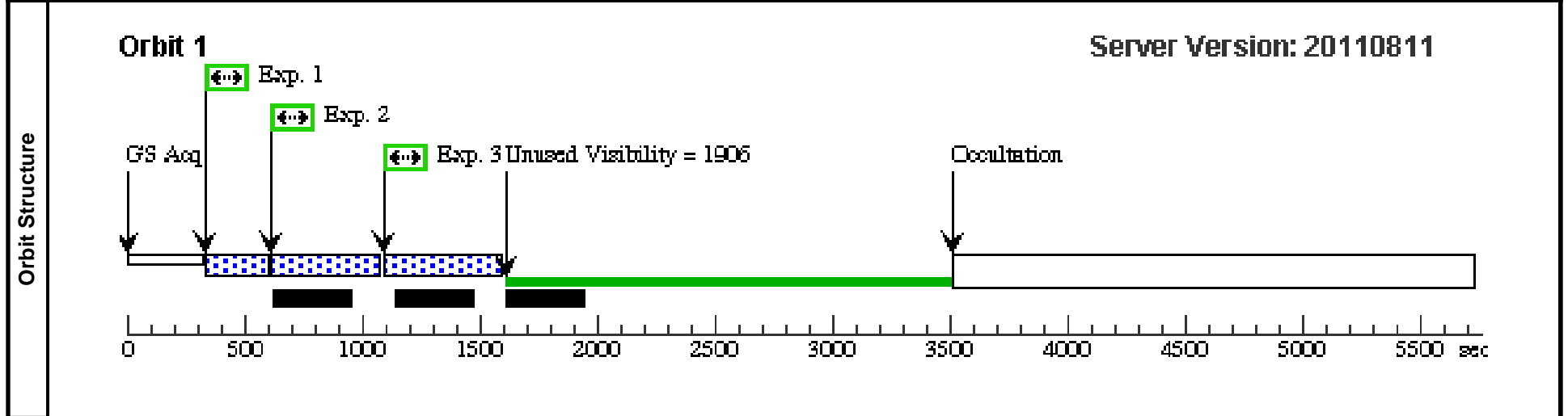
Proposal 12591 - Visit 24 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:14 GMT 2011

Visit	Proposal 12591, Visit 24, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(24)	NGC4036	RA: 12 01 26.7000 (180.3612500d) Dec: +61 53 45.00 (61.89583d) Equinox: J2000		V=11.7+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(24) NGC4036	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 24	60 Secs [==>]	[1]
	2		(24) NGC4036	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 24	340 Secs [==>]	[1]
	3		(24) NGC4036	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 24	340 Secs [==>]	[1]



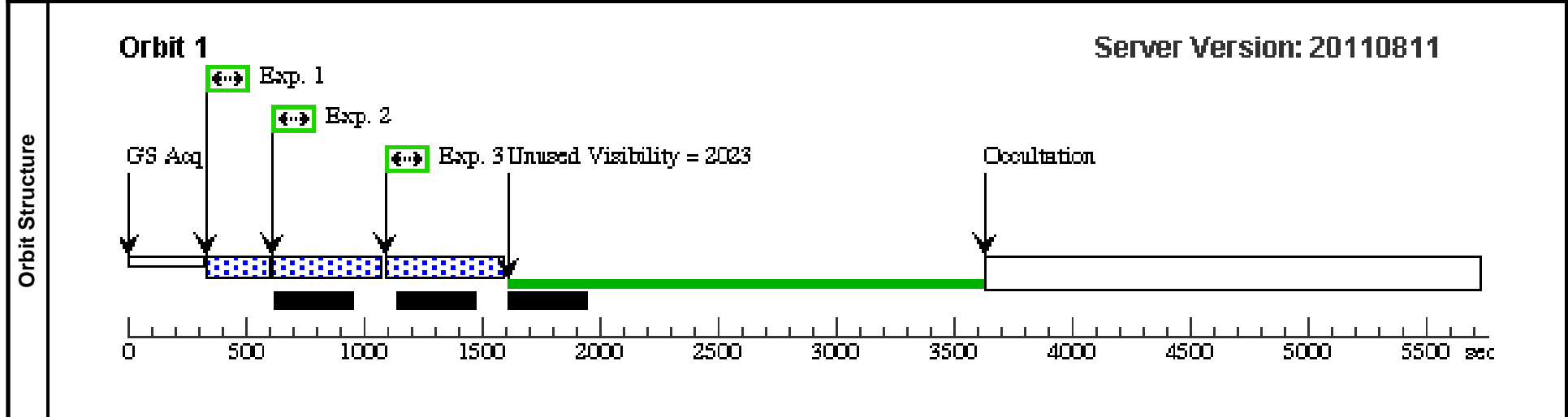
Proposal 12591 - Visit 25 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:14 GMT 2011

Visit	Proposal 12591, Visit 25, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(25)	NGC4291	RA: 12 20 18.2000 (185.0758333d) Dec: +75 22 15.00 (75.37083d) Equinox: J2000		V=12.4+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(25) NGC4291	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 25	60 Secs [==>]	[1]
	2		(25) NGC4291	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 25	340 Secs [==>]	[1]
	3		(25) NGC4291	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 25	340 Secs [==>]	[1]



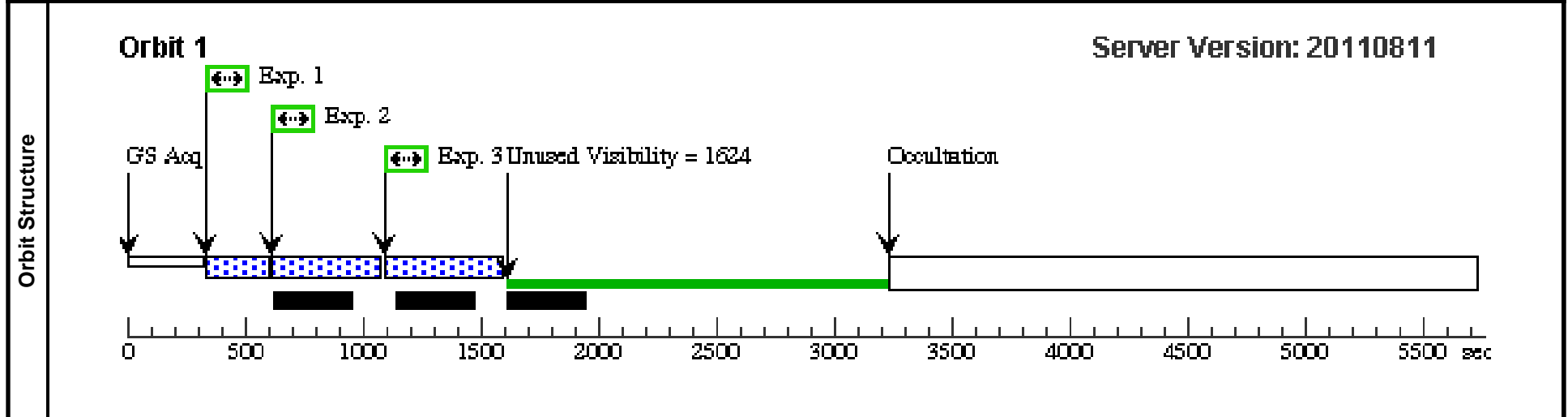
Proposal 12591 - Visit 26 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:14 GMT 2011

Visit	Proposal 12591, Visit 26, pi				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(26)	NGC5838	RA: 15 05 26.2000 (226.3591667d) Dec: +02 05 58.00 (2.09944d) Equinox: J2000			V=9.87+/-0.5

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(26) NGC5838	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 26	60 Secs [=>]	[1]
	2		(26) NGC5838	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 26	340 Secs [=>]	[1]
	3		(26) NGC5838	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 26	340 Secs [=>]	[1]



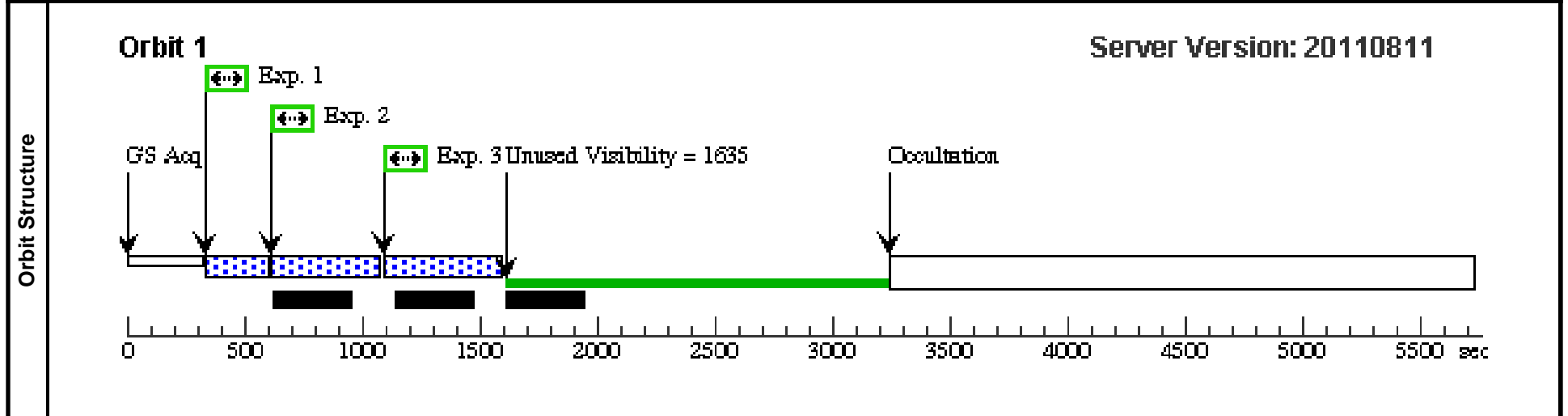
Proposal 12591 - Visit 27 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:14 GMT 2011

Visit	Proposal 12591, Visit 27, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(27)	NGC4742	RA: 12 51 48.0000 (192.9500000d) Dec: -10 27 17.00 (-10.45472d) Equinox: J2000		V=12.8+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(27) NGC4742	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 27	60 Secs [=>]	[1]
	2		(27) NGC4742	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 27	340 Secs [=>]	[1]
	3		(27) NGC4742	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 27	340 Secs [=>]	[1]



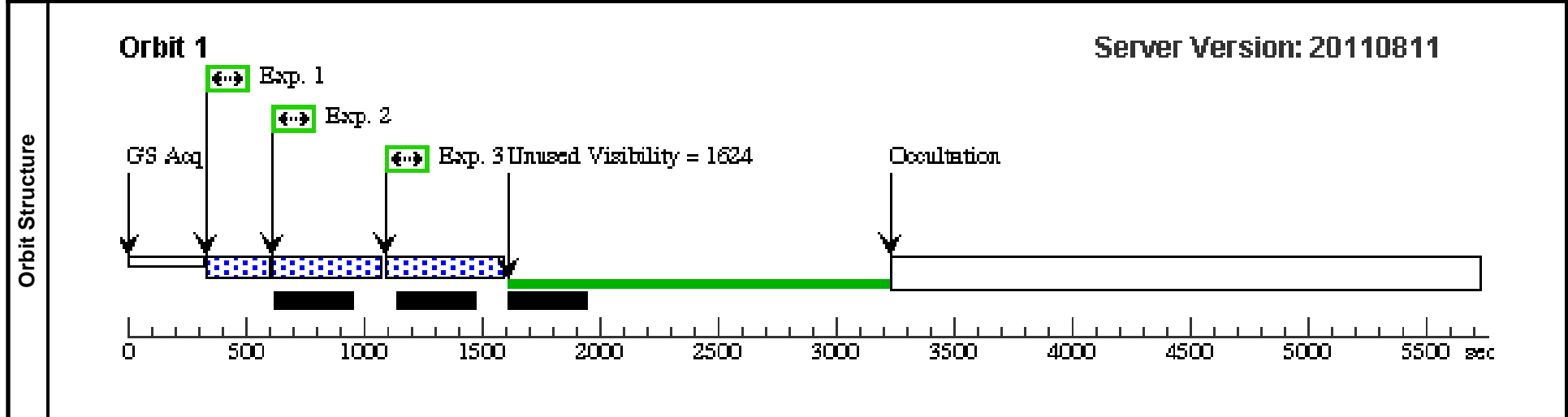
Proposal 12591 - Visit 28 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:15 GMT 2011

Visit	Proposal 12591, Visit 28, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(28)	NGC5845	RA: 15 06 0.8000 (226.5033333d) Dec: +01 38 2.00 (1.63389d) Equinox: J2000		V=13.5+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(28) NGC5845	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 28	60 Secs [=>]	[1]
	2		(28) NGC5845	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 28	340 Secs [=>]	[1]
	3		(28) NGC5845	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 28	340 Secs [=>]	[1]



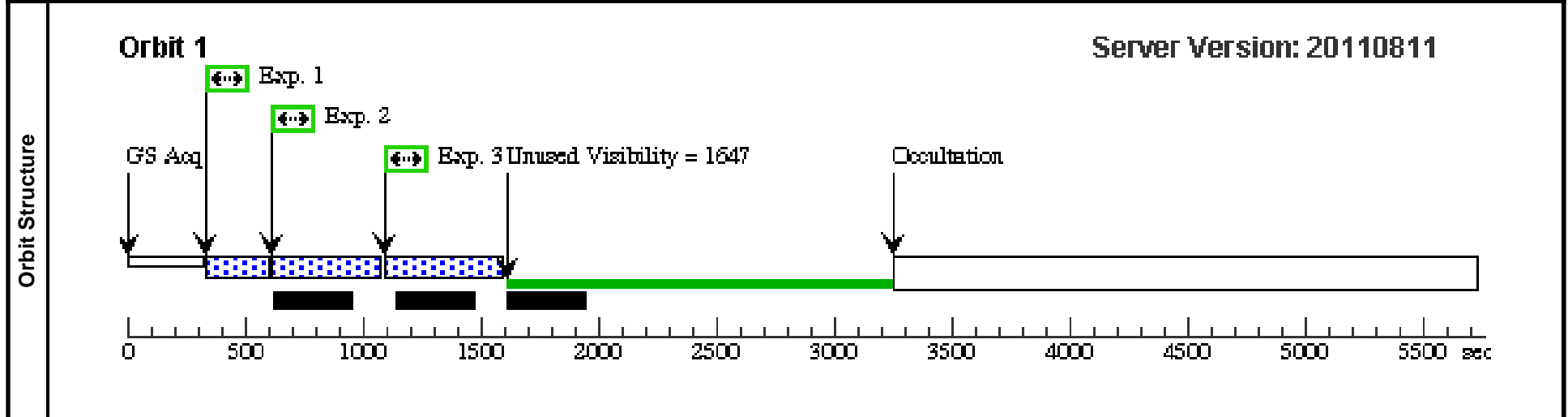
Proposal 12591 - Visit 29 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:15 GMT 2011

Visit	Proposal 12591, Visit 29, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(29)	NGC855	RA: 02 14 3.5000 (33.5145833d) Dec: +27 52 38.00 (27.87722d) Equinox: J2000		V=13.3+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(29) NGC855	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 29	60 Secs [=>]	[1]
	2		(29) NGC855	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 29	340 Secs [=>]	[1]
	3		(29) NGC855	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 29	340 Secs [=>]	[1]



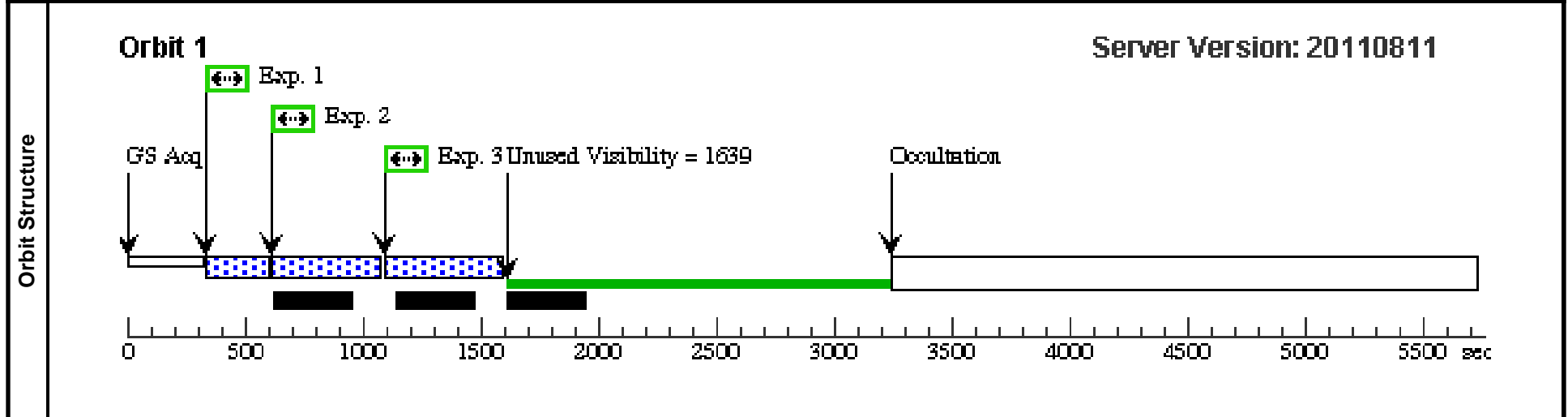
Proposal 12591 - Visit 30 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:16 GMT 2011

Visit	Proposal 12591, Visit 30, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(30)	NGC1331	RA: 03 26 28.3000 (51.6179167d) Dec: -21 21 19.00 (-21.35528d) Equinox: J2000		V=14.3+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(30) NGC1331	(30) NGC1331	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 30	60 Secs [=>]	[1]
	2	(30) NGC1331	(30) NGC1331	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 30	340 Secs [=>]	[1]
	3	(30) NGC1331	(30) NGC1331	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 30	340 Secs [=>]	[1]



Proposal 12591 - Visit 31 - A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe

Thu Oct 20 01:50:16 GMT 2011

Visit	Proposal 12591, Visit 31, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(31)	NGC4121	RA: 12 07 56.6000 (181.9858333d) Dec: +65 06 50.00 (65.11389d) Equinox: J2000		V=14.2+/-0.5	Reference Frame: SDSS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(31) NGC4121	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 31	60 Secs [==>]	[1]
	2		(31) NGC4121	ACS/WFC, ACCUM, WFC1	F850LP	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 31	340 Secs [==>]	[1]
	3		(31) NGC4121	ACS/WFC, ACCUM, WFC1	F475W	CR-SPLIT=NO		Sequence 1-3 Non-Int in Visit 31	340 Secs [==>]	[1]

