



11981 - FUV imaging survey of Galactic open clusters

Cycle: 16, Proposal Category: GO

(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) NGC6530-M8	WFPC2	5	23-Apr-2009 21:40:53.0	yes
02	(2) NGC6611-M16	WFPC2	5	23-Apr-2009 21:41:16.0	yes
52	(2) NGC6611-M16	WFPC2	1	23-Apr-2009 21:41:24.0	yes
03	(3) NGC6231	WFPC2	2	23-Apr-2009 21:41:33.0	yes
04	(3) NGC6231	WFPC2	4	23-Apr-2009 21:41:45.0	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>
05	(4) NGC4755	WFPC2	2	23-Apr-2009 21:41:54.0	yes
06	(4) NGC4755	WFPC2	4	23-Apr-2009 21:42:07.0	yes
07	(5) NGC7063	WFPC2	2	23-Apr-2009 21:42:15.0	yes
08	(5) NGC7063	WFPC2	4	23-Apr-2009 21:42:25.0	yes
09	(6) NGC6281	WFPC2	2	23-Apr-2009 21:42:36.0	yes
10	(6) NGC6281	WFPC2	4	23-Apr-2009 21:42:46.0	yes

35 Total Orbits Used

ABSTRACT

We propose a WFPC2 FUV imaging survey of 6 Galactic open clusters with ages ranging from 1 Myr to 300 Myr complemented with NUV/optical imaging of the same fields. No such survey has ever been attempted before in the FUV at the resolution of WFPC2 (indeed, no WFPC2 FUV images of any Galactic open cluster exist in the HST archive) and, since WFPC2 will be retired in SM4 and none of the other HST instruments can do FUV imaging of bright objects, this is the last chance to do such a survey before another UV telescope is launched. This survey will provide a new perspective on young/intermediate age Galactic clusters and a key template for the study of star formation at high redshift, where the intensity peak we observe in the optical/NIR from Earth is located in the FUV in its rest frame. For clusters still associated with an H II region, UV imaging maps the continuum emission of the ionized gas and the radiation scattered by background dust and, combined with optical nebular images, can be used to determine the 3-D structure of the H II region. For all young clusters, FUV+NUV+optical photometry can be used to study the UV excesses of T-Tauri stars. For clusters older than ~40 Myr, the same photometric combination is the easiest method to detect companion white dwarfs which are invisible using only the optical and NIR. WFPC2 is also an excellent instrument to discover close companions around bright stars and improve our knowledge of their multiplicity fraction. Finally, for all clusters, the combination of high-spatial-resolution UV and optical photometry can be used to simultaneously measure the temperature, extinction, extinction law, distance, and existence of companions (resolved and unresolved) and, thus, produce clean HR diagrams with resolved cluster membership and much-reduced systematic uncertainties.

OBSERVING DESCRIPTION

We will observe each one of our targets using a single pointing with two different dithering positions. We will use 9 main filters: [1] F170W, [2] F255W, [3] F336W, [4] F439W, [5] F547M, [6] F656N, [7] F675W, and [8] F814W for all objects plus [9] F487N for the two youngest targets and [9] F160BW for the four oldest ones. In addition, when necessary we will use F343N, F410M, F502N, F673N, and F850LP as proxies for F336W, F439W, F547M, F675W, and F850LP, respectively, in order to observe the brightest stars if they saturate in the main filters even for the shortest exposure times available with WFPC2. Our fields include a combination of very bright point sources (hot MS stars and bright WDs in the UV) which demand short exposures to avoid saturation, extended low-surface-brightness objects H II regions and possible reflection nebulae), and dim point sources (cool main-sequence stars and white dwarfs). Hence, for each object and filter we will obtain a total of four exposures (two per dithering position) with different exposure times ranging from very short (0.1 s) to long (200-1100 s). At the same time, the use of two dithering positions and four exposures per filter should allow us to improve the spatial resolution of the images and eliminate cosmic rays without requiring identical exposures. For the four targets with F160BW exposures we will use one offset pointing with two dithering positions to account for the pinhole in WF3.

Proposal 11981 - Visit 01 - FUV imaging survey of Galactic open clusters

Fri Apr 24 01:42:52 GMT 2009

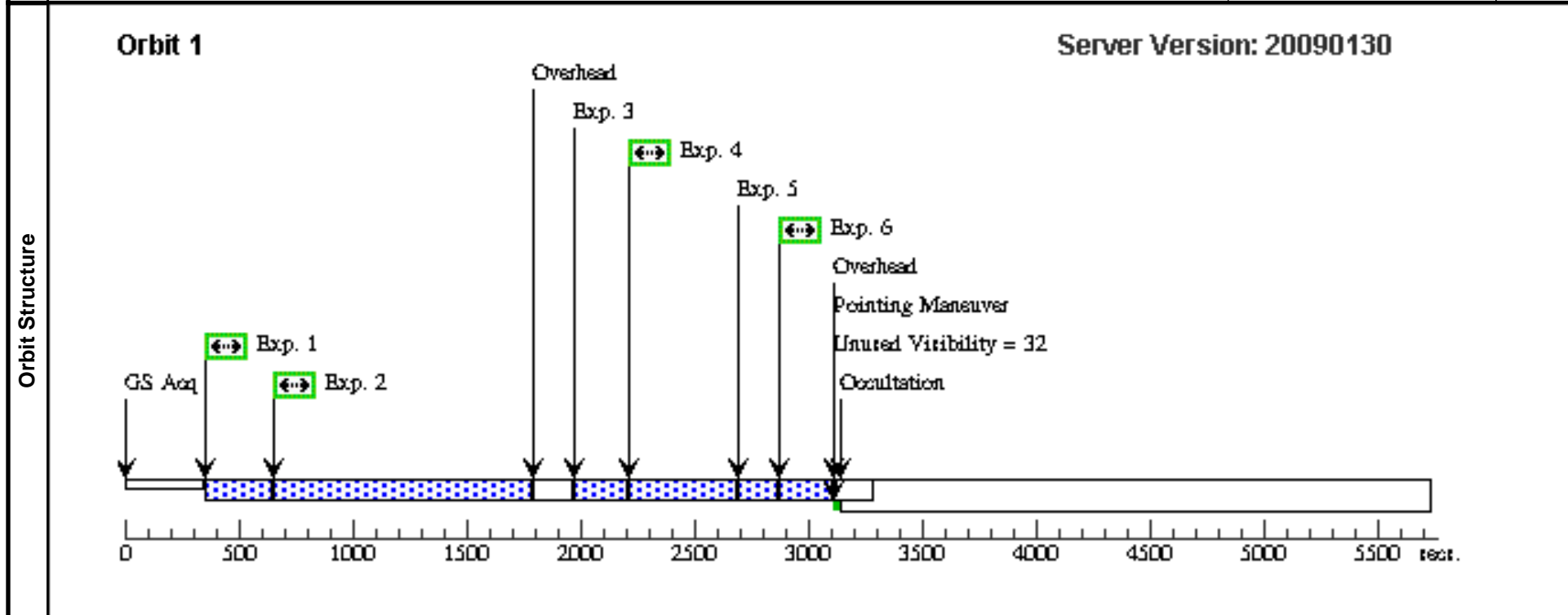
Visit		Proposal 11981, Visit 01, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: ORIENT 270D TO 290 D								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(1)	NGC6530-M8	RA: 18 03 41.2075 (270.9216979d) Dec: -24 22 42.70 (-24.37853d) Equinox: J2000		V=10.3 V magnitude is that of Herschel 36	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) NGC6530-M8	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO			80 Secs [=>]	[1]
	2		(1) NGC6530-M8	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO			1100 Secs [=>]	[1]
	3		(1) NGC6530-M8	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO			30 Secs [=>]	[1]
	4		(1) NGC6530-M8	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO			300 Secs [=>]	[1]
	5		(1) NGC6530-M8	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO			1 Secs [=>]	[1]
	6		(1) NGC6530-M8	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO			200 Secs [=>]	[1]
	7		(1) NGC6530-M8	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO	POS TARG 0.25,0.2 5		80 Secs [=>]	[2]
	8		(1) NGC6530-M8	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO	POS TARG 0.25,0.2 5		1100 Secs [=>]	[2]
	9		(1) NGC6530-M8	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO	POS TARG 0.25,0.2 5		30 Secs [=>]	[2]
	10		(1) NGC6530-M8	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO	POS TARG 0.25,0.2 5		300 Secs [=>]	[2]
	11		(1) NGC6530-M8	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO	POS TARG 0.25,0.2 5		10 Secs [=>]	[2]
	12		(1) NGC6530-M8	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO	POS TARG 0.25,0.2 5		200 Secs [=>]	[2]
	13		(1) NGC6530-M8	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO			0.5 Secs [=>]	[3]
14		(1) NGC6530-M8	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO			200 Secs [=>]	[3]	

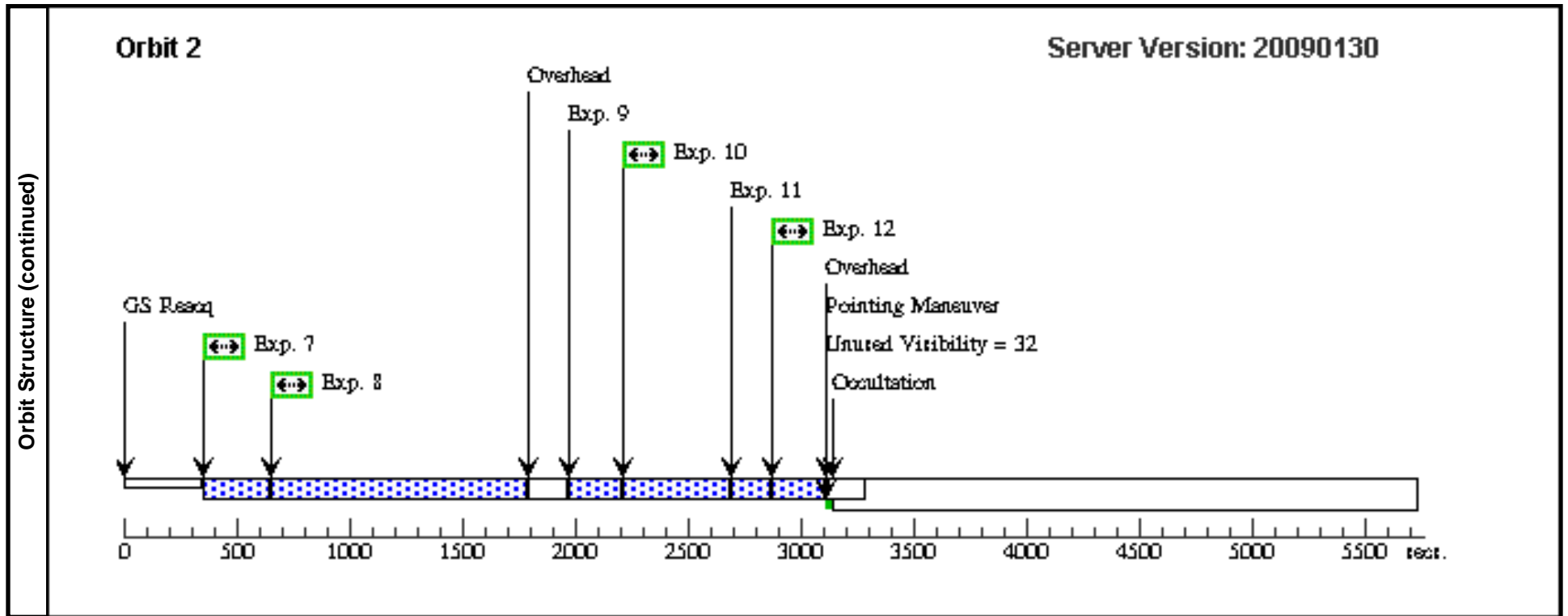
Proposal 11981 - Visit 01 - FUV imaging survey of Galactic open clusters

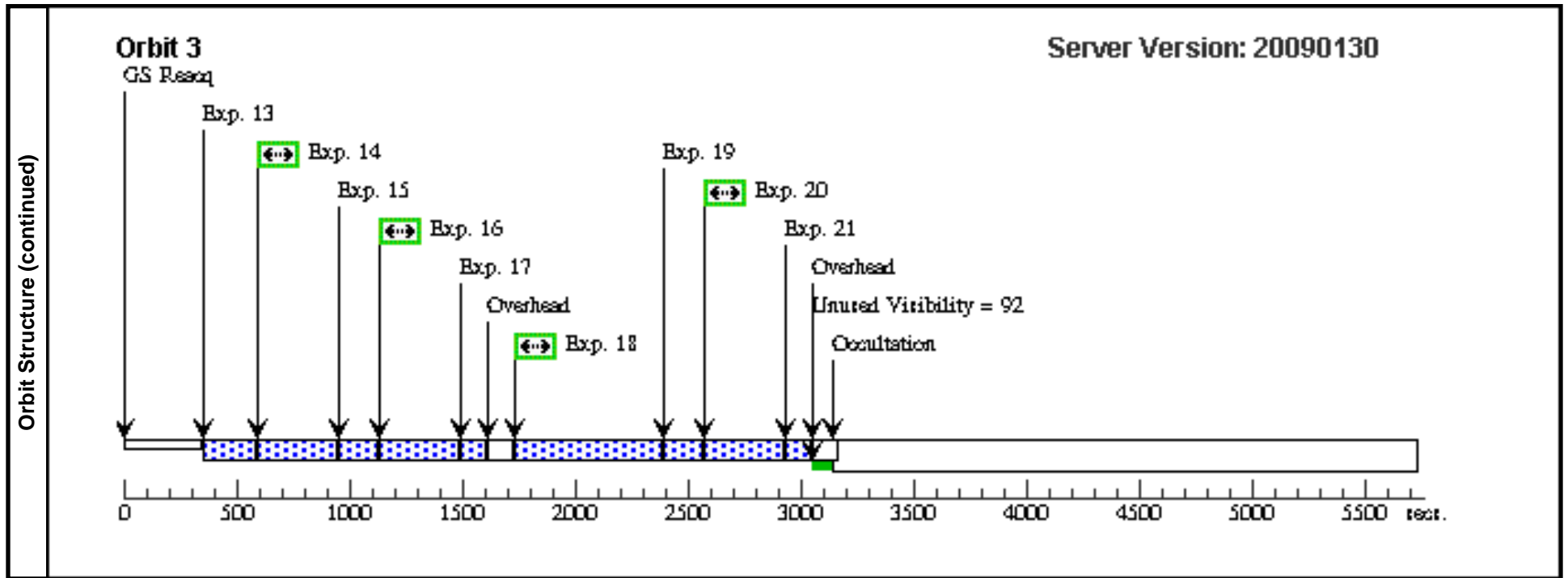
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Exposures (continued)	15	(1) NGC6530-M8	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO			0.11 Secs [==>]	[3]
	16	(1) NGC6530-M8	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO			200 Secs [==>]	[3]
	17	(1) NGC6530-M8	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO			1 Secs [==>]	[3]
	18	(1) NGC6530-M8	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO			350 Secs [==>]	[3]
	19	(1) NGC6530-M8	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15			0.11 Secs [==>]	[3]
	20	(1) NGC6530-M8	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15			200 Secs [==>]	[3]
	21	(1) NGC6530-M8	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15			0.11 Secs [==>]	[3]
	22	(1) NGC6530-M8	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15			200 Secs [==>]	[4]
	23	(1) NGC6530-M8	WFPC2, IMAGE, PC1	F487N	CR-SPLIT=NO			1 Secs [==>]	[4]
	24	(1) NGC6530-M8	WFPC2, IMAGE, PC1	F487N	CR-SPLIT=NO			600 Secs [==>]	[4]
	25	(1) NGC6530-M8	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO	POS TARG 0.25,0.2 5		1 Secs [==>]	[4]
	26	(1) NGC6530-M8	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO	POS TARG 0.25,0.2 5		200 Secs [==>]	[4]
	27	(1) NGC6530-M8	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO	POS TARG 0.25,0.2 5		1 Secs [==>]	[4]
	28	(1) NGC6530-M8	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO	POS TARG 0.25,0.2 5		200 Secs [==>]	[4]
	29	(1) NGC6530-M8	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO	POS TARG 0.25,0.2 5		10 Secs [==>]	[4]
	30	(1) NGC6530-M8	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO	POS TARG 0.25,0.2 5		350 Secs [==>]	[5]
	31	(1) NGC6530-M8	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		1 Secs [==>]	[5]
	32	(1) NGC6530-M8	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		200 Secs [==>]	[5]
	33	(1) NGC6530-M8	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		1 Secs [==>]	[5]

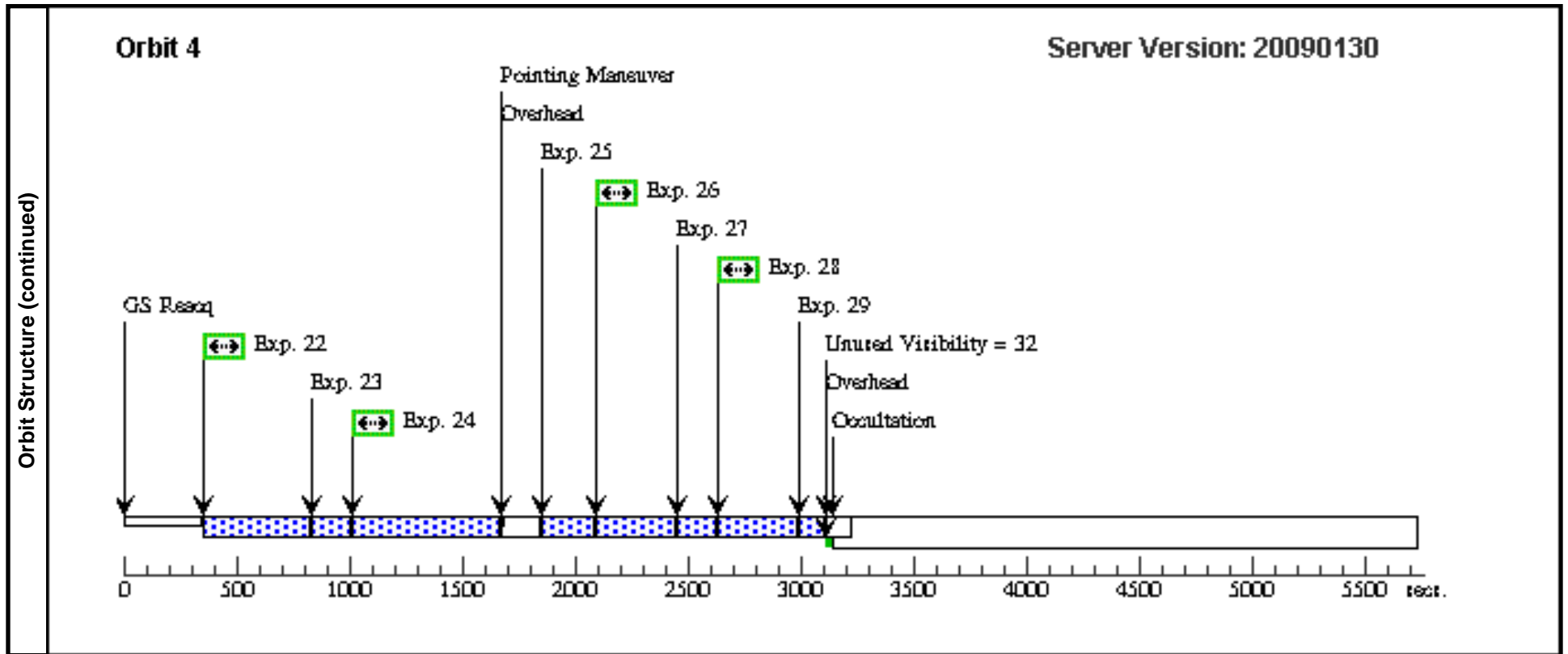
Proposal 11981 - Visit 01 - FUV imaging survey of Galactic open clusters

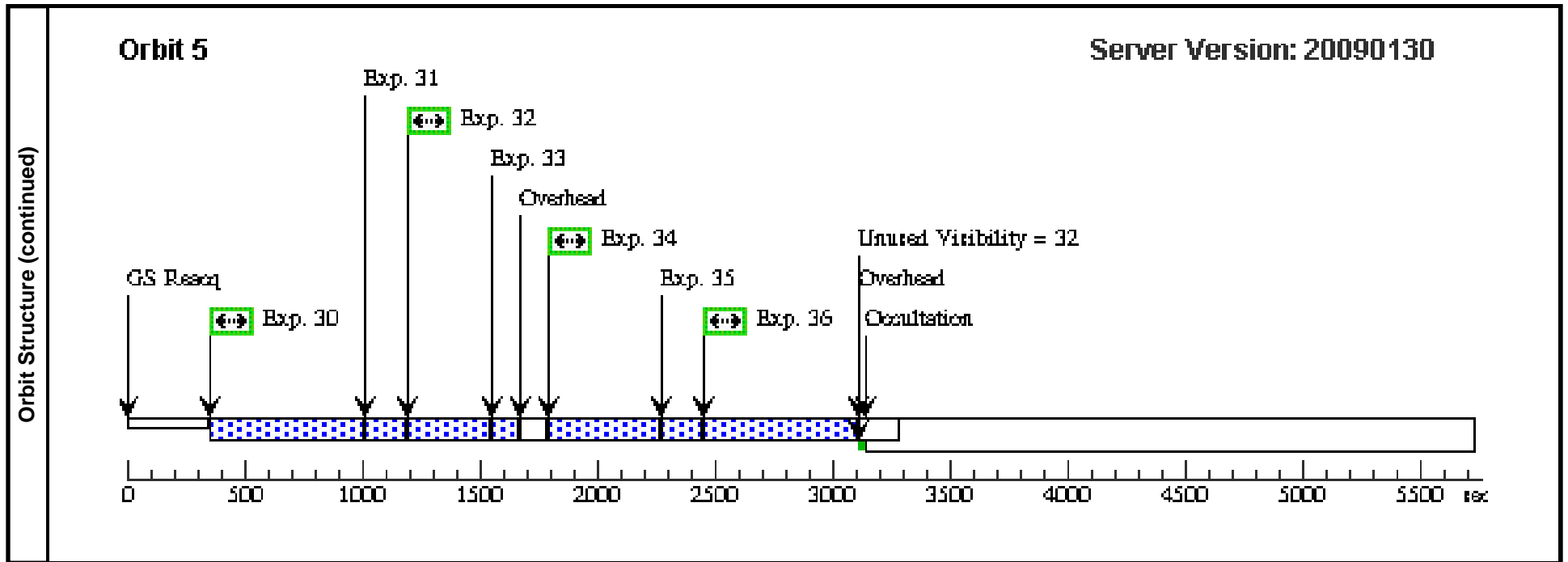
Exposures (continued)	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	34	(1)	NGC6530-M8	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5	200 Secs [==>]	[5]	
35	(1)	NGC6530-M8	WFPC2, IMAGE, PC1	F487N	CR-SPLIT=NO	POS TARG 0.25,0.2 5	10 Secs [==>]	[5]		
36	(1)	NGC6530-M8	WFPC2, IMAGE, PC1	F487N	CR-SPLIT=NO	POS TARG 0.25,0.2 5	600 Secs [==>]	[5]		











Proposal 11981 - Visit 02 - FUV imaging survey of Galactic open clusters

Fri Apr 24 01:42:55 GMT 2009

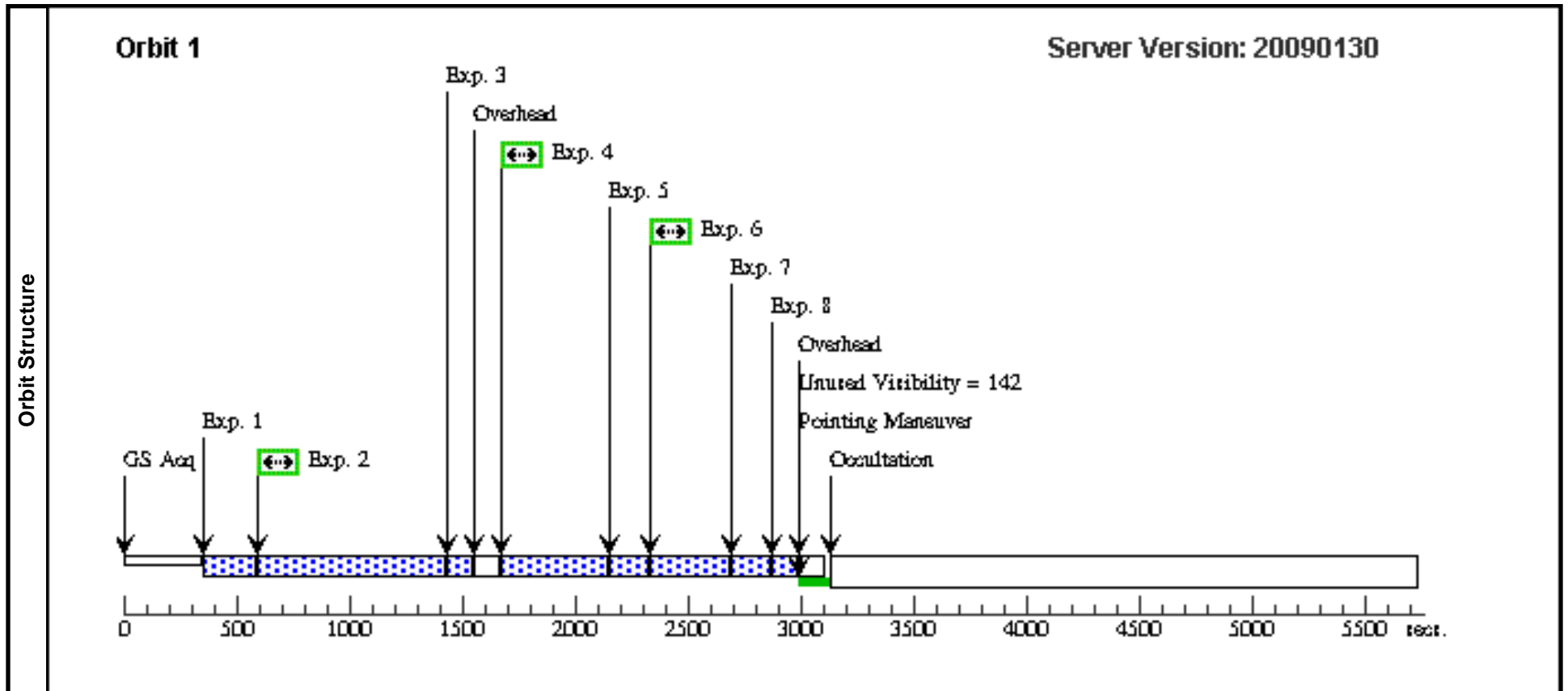
Visit	Proposal 11981, Visit 02, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: ORIENT 280D TO 300 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(2)	NGC6611-M16	RA: 18 18 36.7697 (274.6532071d) Dec: -13 46 31.88 (-13.77552d) Equinox: J2000		V=8.2 V magnitude is that of HD 168076	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO				2 Secs [==>]	[1]
	2	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO				700 Secs [==>]	[1]
	3	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO				1 Secs [==>]	[1]
	4	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO				200 Secs [==>]	[1]
	5	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO; ATD-GAIN=15				0.11 Secs [==>]	[1]
	6	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO; ATD-GAIN=15				200 Secs [==>]	[1]
	7	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F673N	CR-SPLIT=NO				0.3 Secs [==>]	[1]
	8	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F850LP	CR-SPLIT=NO; ATD-GAIN=15				0.11 Secs [==>]	[1]
	9	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO		POS TARG 0.25,0.2 5		10 Secs [==>]	[2]
	10	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO		POS TARG 0.25,0.2 5		700 Secs [==>]	[2]
	11	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO		POS TARG 0.25,0.2 5		10 Secs [==>]	[2]
	12	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO		POS TARG 0.25,0.2 5		200 Secs [==>]	[2]
	13	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO; ATD-GAIN=15		POS TARG 0.25,0.2 5		1 Secs [==>]	[2]
	14	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO; ATD-GAIN=15		POS TARG 0.25,0.2 5		200 Secs [==>]	[2]

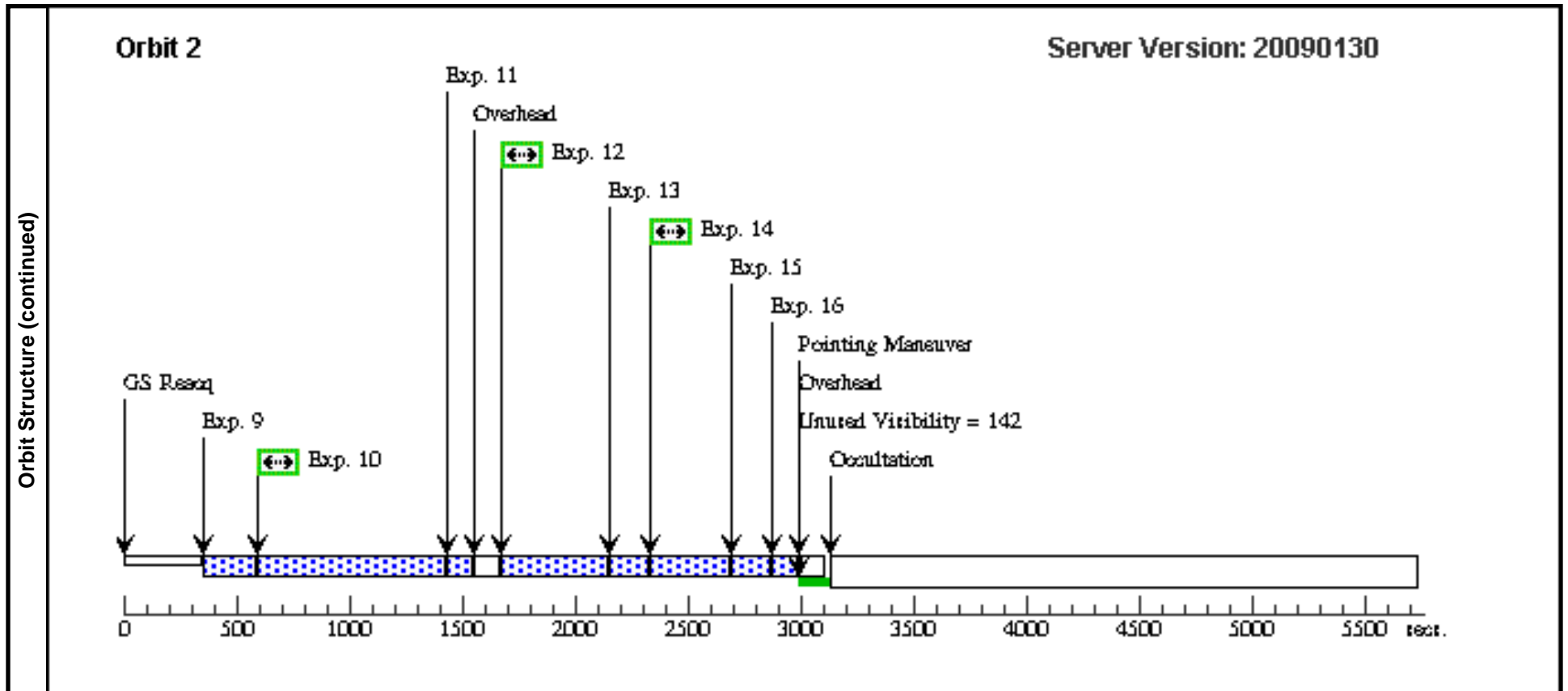
Proposal 11981 - Visit 02 - FUV imaging survey of Galactic open clusters

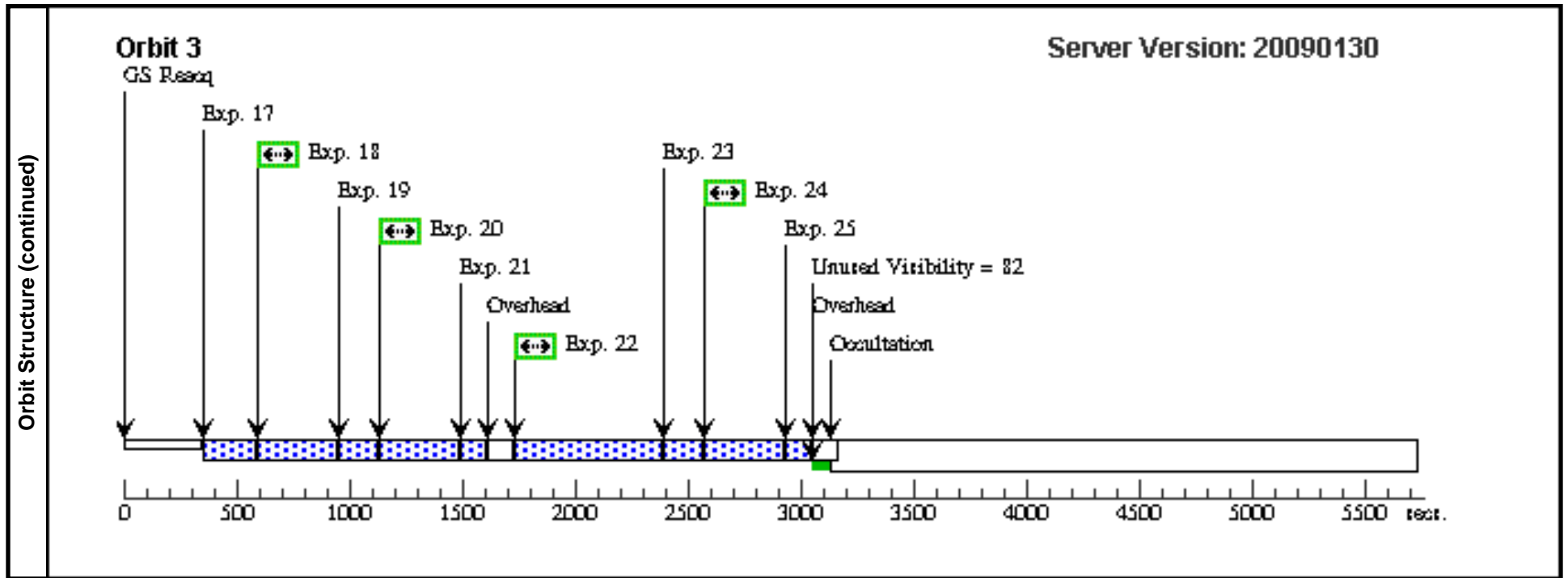
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Exposures (continued)	15	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F673N	CR-SPLIT=NO	POS TARG 0.25,0.2 5		1 Secs [==>]	[2]
	16	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F850LP	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		1 Secs [==>]	[2]
	17	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO; ATD-GAIN=15			0.11 Secs [==>]	[3]
	18	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO; ATD-GAIN=15			200 Secs [==>]	[3]
	19	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO; ATD-GAIN=15			0.11 Secs [==>]	[3]
	20	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO; ATD-GAIN=15			200 Secs [==>]	[3]
	21	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO			0.6 Secs [==>]	[3]
	22	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO			350 Secs [==>]	[3]
	23	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15			0.11 Secs [==>]	[3]
	24	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15			200 Secs [==>]	[3]
	25	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15			0.11 Secs [==>]	[3]
	26	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15			200 Secs [==>]	[4]
	27	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F487N	CR-SPLIT=NO			1 Secs [==>]	[4]
	28	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F487N	CR-SPLIT=NO			600 Secs [==>]	[4]
	29	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		1 Secs [==>]	[4]
	30	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		200 Secs [==>]	[4]
	31	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		1 Secs [==>]	[4]
	32	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		200 Secs [==>]	[4]
	33	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO	POS TARG 0.25,0.2 5		10 Secs [==>]	[4]

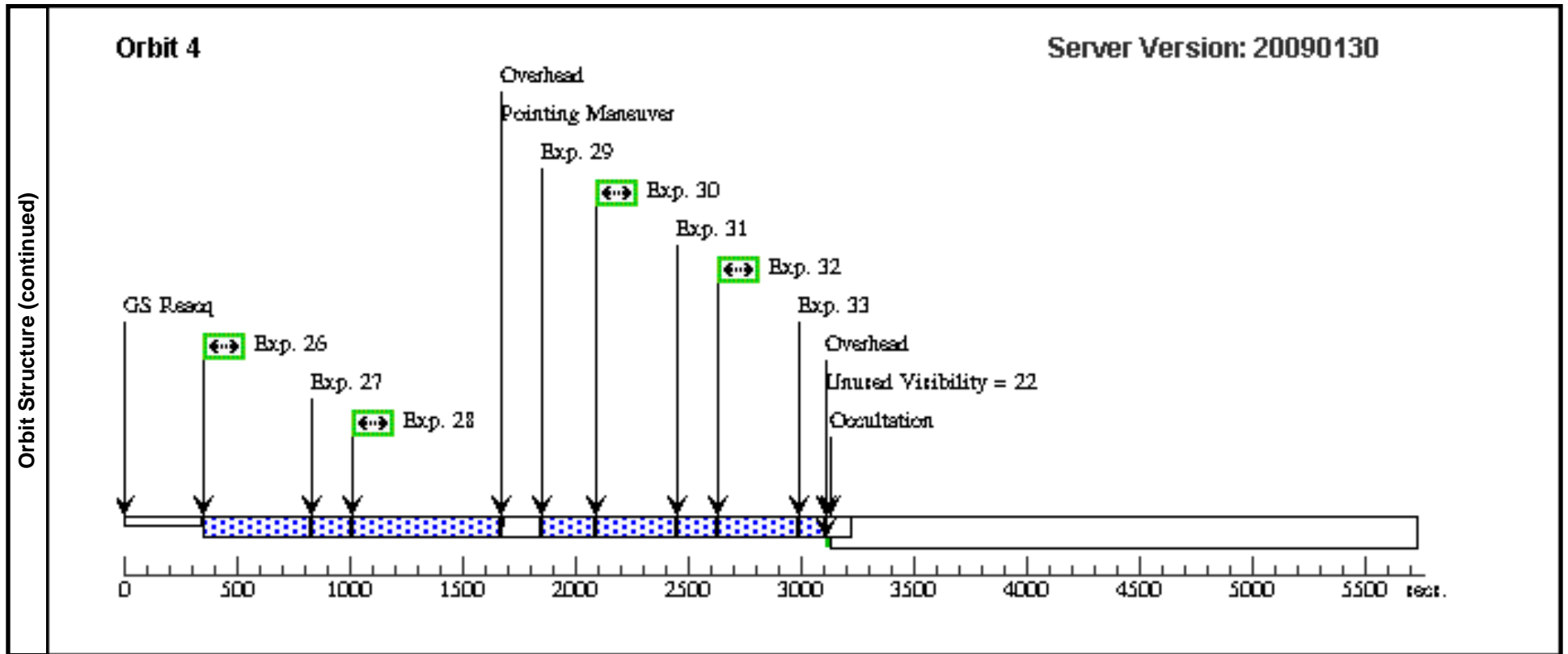
Proposal 11981 - Visit 02 - FUV imaging survey of Galactic open clusters

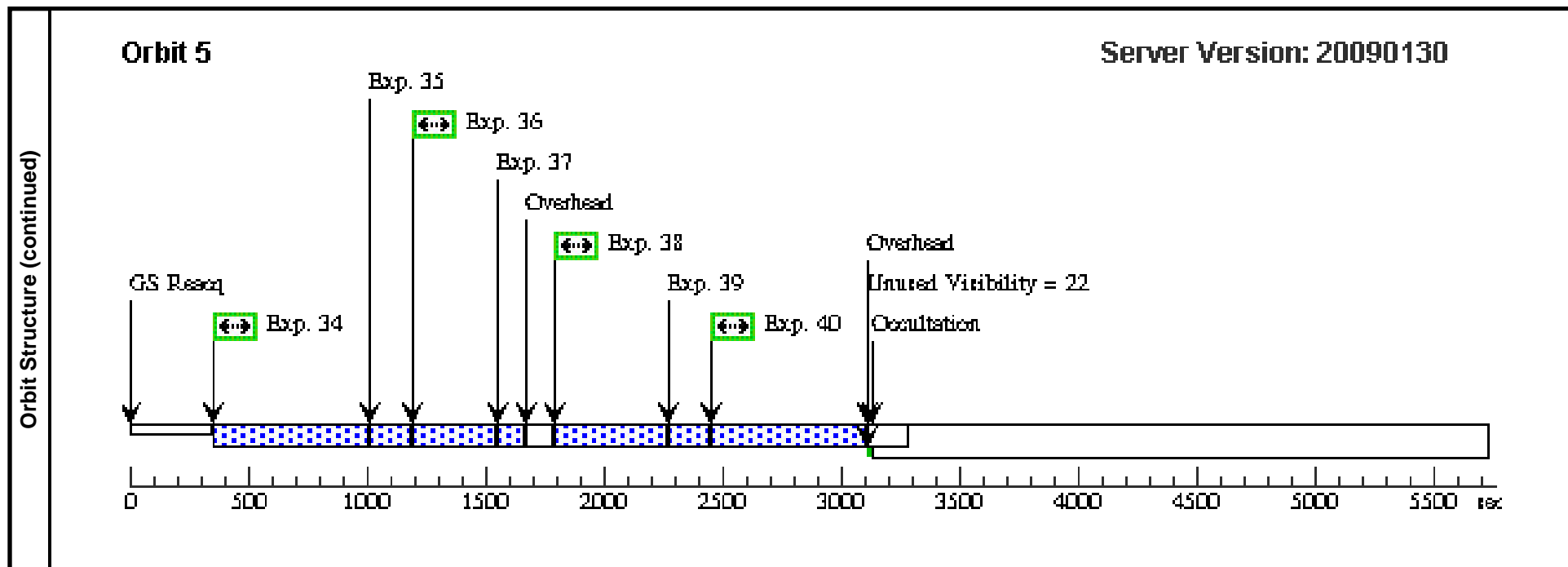
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	Exposures (continued)	34		(2) NGC6611-M16	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO	POS TARG 0.25,0.2 5		350 Secs [==>]
35			(2) NGC6611-M16	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		1 Secs [==>]	[5]
36			(2) NGC6611-M16	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		200 Secs [==>]	[5]
37			(2) NGC6611-M16	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		1 Secs [==>]	[5]
38			(2) NGC6611-M16	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		200 Secs [==>]	[5]
39			(2) NGC6611-M16	WFPC2, IMAGE, PC1	F487N	CR-SPLIT=NO	POS TARG 0.25,0.2 5		10 Secs [==>]	[5]
40			(2) NGC6611-M16	WFPC2, IMAGE, PC1	F487N	CR-SPLIT=NO	POS TARG 0.25,0.2 5		600 Secs [==>]	[5]











Visit	Proposal 11981, Visit 52 Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: ORIENT 280D TO 300 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(2)		NGC6611-M16	RA: 18 18 36.7697 (274.6532071d) Dec: -13 46 31.88 (-13.77552d) Equinox: J2000		V=8.2 V magnitude is that of HD 168076	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5	1 Secs [==>]	[1]		
	2	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5	200 Secs [==>]	[1]		
	3	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F487N	CR-SPLIT=NO	POS TARG 0.25,0.2 5	10 Secs [==>]	[1]		
	4	(2) NGC6611-M16	WFPC2, IMAGE, PC1	F487N	CR-SPLIT=NO	POS TARG 0.25,0.2 5	600 Secs [==>]	[1]		
Orbit Structure	<p>Orbit 1 Server Version: 20090130</p> <p>The diagram shows a timeline for Orbit 1. Key events include GS Acq at ~200s, Exp. 1 at ~400s, Exp. 2 at ~600s, Exp. 3 at ~900s, Exp. 4 at ~1100s, Overhead at ~1800s, Unused Visibility = 1342s from ~1800s to ~3100s, and Occultation starting at ~3100s. Experiments 2 and 4 are marked with green boxes and double-headed arrows.</p>									

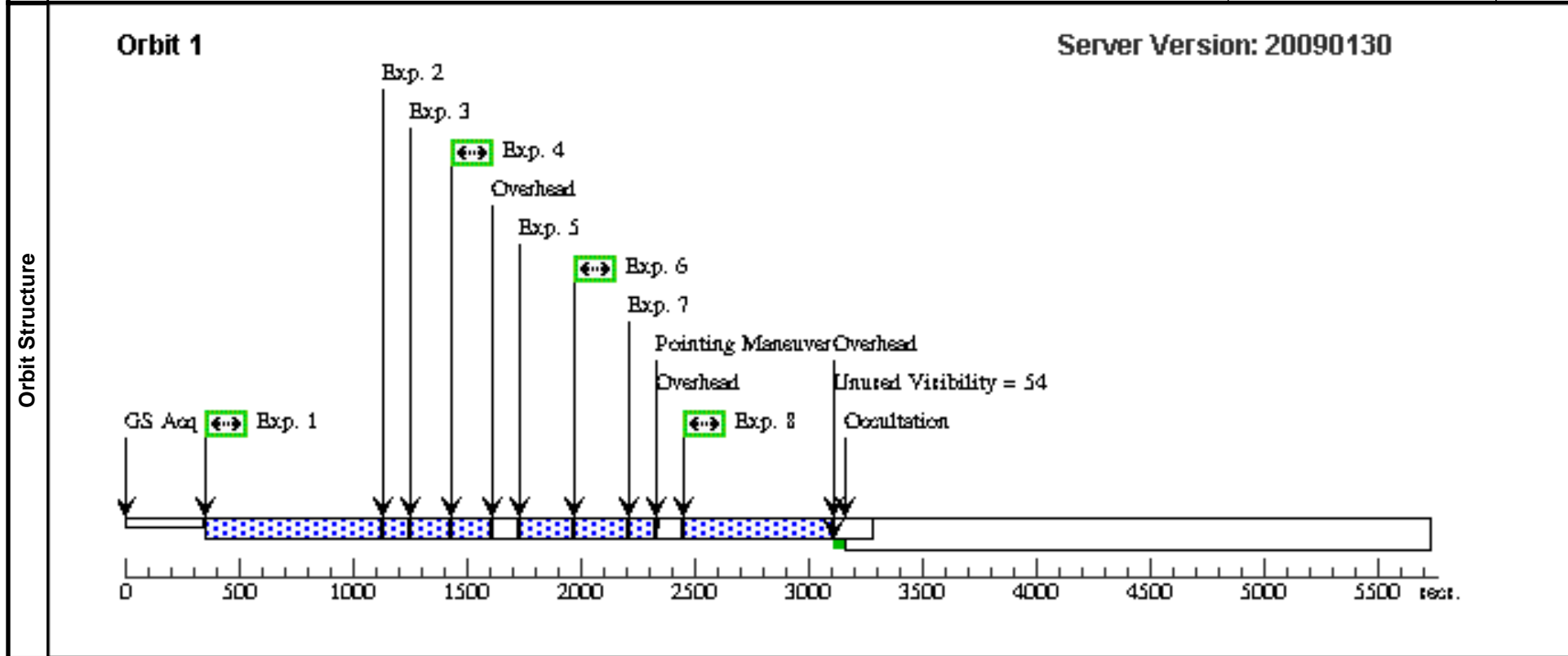
Proposal 11981 - Visit 03 - FUV imaging survey of Galactic open clusters

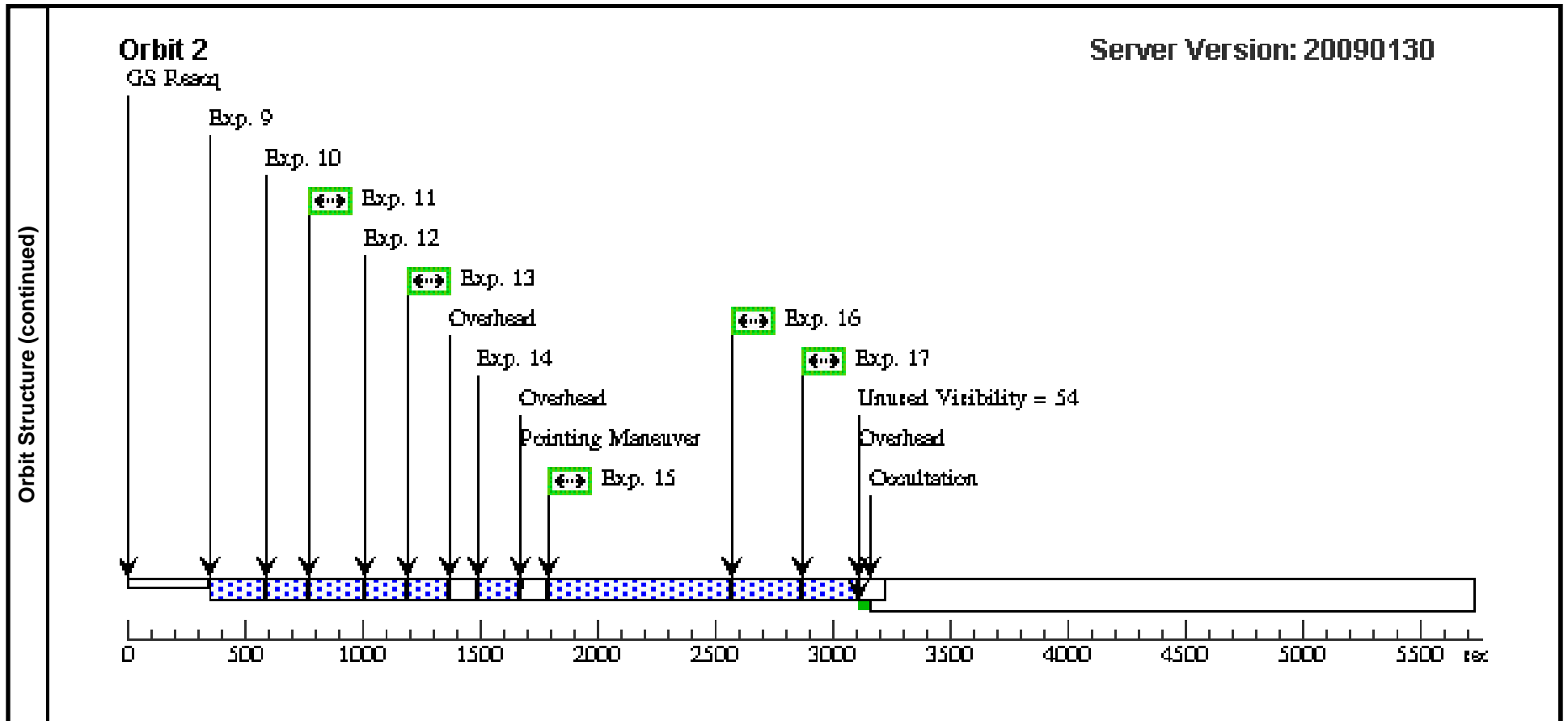
Fri Apr 24 01:42:58 GMT 2009

Visit	Proposal 11981, Visit 03, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: ORIENT 260D TO 300 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(3)	NGC6231	RA: 16 54 11.3651 (253.5473546d) Dec: -41 49 30.95 (-41.82526d) Equinox: J2000			V=6.1 V magnitude is that of HD 1522 48	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(3) NGC6231	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO				500 Secs [==>]	[1]
	2	(3) NGC6231	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO				0.11 Secs [==>]	[1]
	3	(3) NGC6231	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO				0.11 Secs [==>]	[1]
	4	(3) NGC6231	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO				140 Secs [==>]	[1]
	5	(3) NGC6231	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO; ATD-GAIN=15				0.11 Secs [==>]	[1]
	6	(3) NGC6231	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO; ATD-GAIN=15				140 Secs [==>]	[1]
	7	(3) NGC6231	WFPC2, IMAGE, PC1	F343N	CR-SPLIT=NO				0.11 Secs [==>]	[1]
	8	(3) NGC6231	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO		POS TARG 0.75,0.7 5		500 Secs [==>]	[1]
	9	(3) NGC6231	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO		POS TARG 0.75,0.7 5		1 Secs [==>]	[2]
	10	(3) NGC6231	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO		POS TARG 0.75,0.7 5		1 Secs [==>]	[2]
	11	(3) NGC6231	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO		POS TARG 0.75,0.7 5		140 Secs [==>]	[2]
	12	(3) NGC6231	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO; ATD-GAIN=15		POS TARG 0.75,0.7 5		1 Secs [==>]	[2]
	13	(3) NGC6231	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO; ATD-GAIN=15		POS TARG 0.75,0.7 5		140 Secs [==>]	[2]
14	(3) NGC6231	WFPC2, IMAGE, PC1	F343N	CR-SPLIT=NO		POS TARG 0.75,0.7 5		1 Secs [==>]	[2]	

Proposal 11981 - Visit 03 - FUV imaging survey of Galactic open clusters

Exposures (continued)	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	15	(3)	NGC6231	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO	POS TARG 0.50,0.2 5		500 Secs [==>]	[2]
16	(3)	NGC6231	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO	POS TARG 0.50,0.2 5		140 Secs [==>]	[2]	
17	(3)	NGC6231	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.50,0.2 5		140 Secs [==>]	[2]	





Proposal 11981 - Visit 04 - FUV imaging survey of Galactic open clusters

Fri Apr 24 01:42:58 GMT 2009

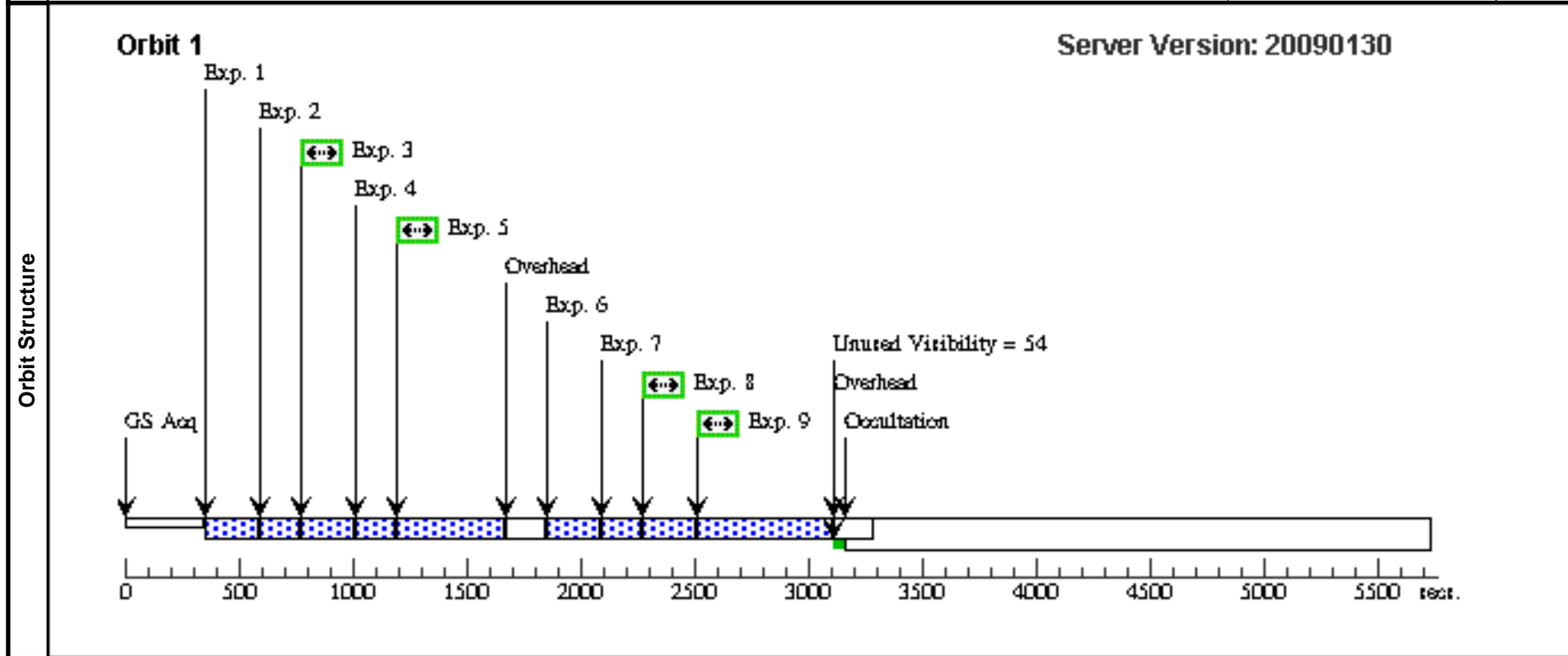
Visit	Proposal 11981, Visit 04, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: SAME ORIENT AS 03									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(3)	NGC6231	RA: 16 54 11.3651 (253.5473546d) Dec: -41 49 30.95 (-41.82526d) Equinox: J2000		V=6.1 V magnitude is that of HD 1522 48	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(3)	NGC6231	WFPC2, IMAGE, PC1	F410M	CR-SPLIT=NO; ATD-GAIN=15			0.11 Secs [==>]	[1]
	2	(3)	NGC6231	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO; ATD-GAIN=15			0.11 Secs [==>]	[1]
	3	(3)	NGC6231	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO; ATD-GAIN=15			140 Secs [==>]	[1]
	4	(3)	NGC6231	WFPC2, IMAGE, PC1	F502N	CR-SPLIT=NO			0.11 Secs [==>]	[1]
	5	(3)	NGC6231	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO; ATD-GAIN=15			400 Secs [==>]	[1]
	6	(3)	NGC6231	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO; ATD-GAIN=15			0.11 Secs [==>]	[1]
	7	(3)	NGC6231	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO			0.11 Secs [==>]	[1]
	8	(3)	NGC6231	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO			140 Secs [==>]	[1]
	9	(3)	NGC6231	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15			500 Secs [==>]	[1]
	10	(3)	NGC6231	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15			0.11 Secs [==>]	[2]
	11	(3)	NGC6231	WFPC2, IMAGE, PC1	F673N	CR-SPLIT=NO; ATD-GAIN=15			0.11 Secs [==>]	[2]
	12	(3)	NGC6231	WFPC2, IMAGE, PC1	F850LP	CR-SPLIT=NO; ATD-GAIN=15			0.11 Secs [==>]	[2]
	13	(3)	NGC6231	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15			0.11 Secs [==>]	[2]
	14	(3)	NGC6231	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15			200 Secs [==>]	[2]

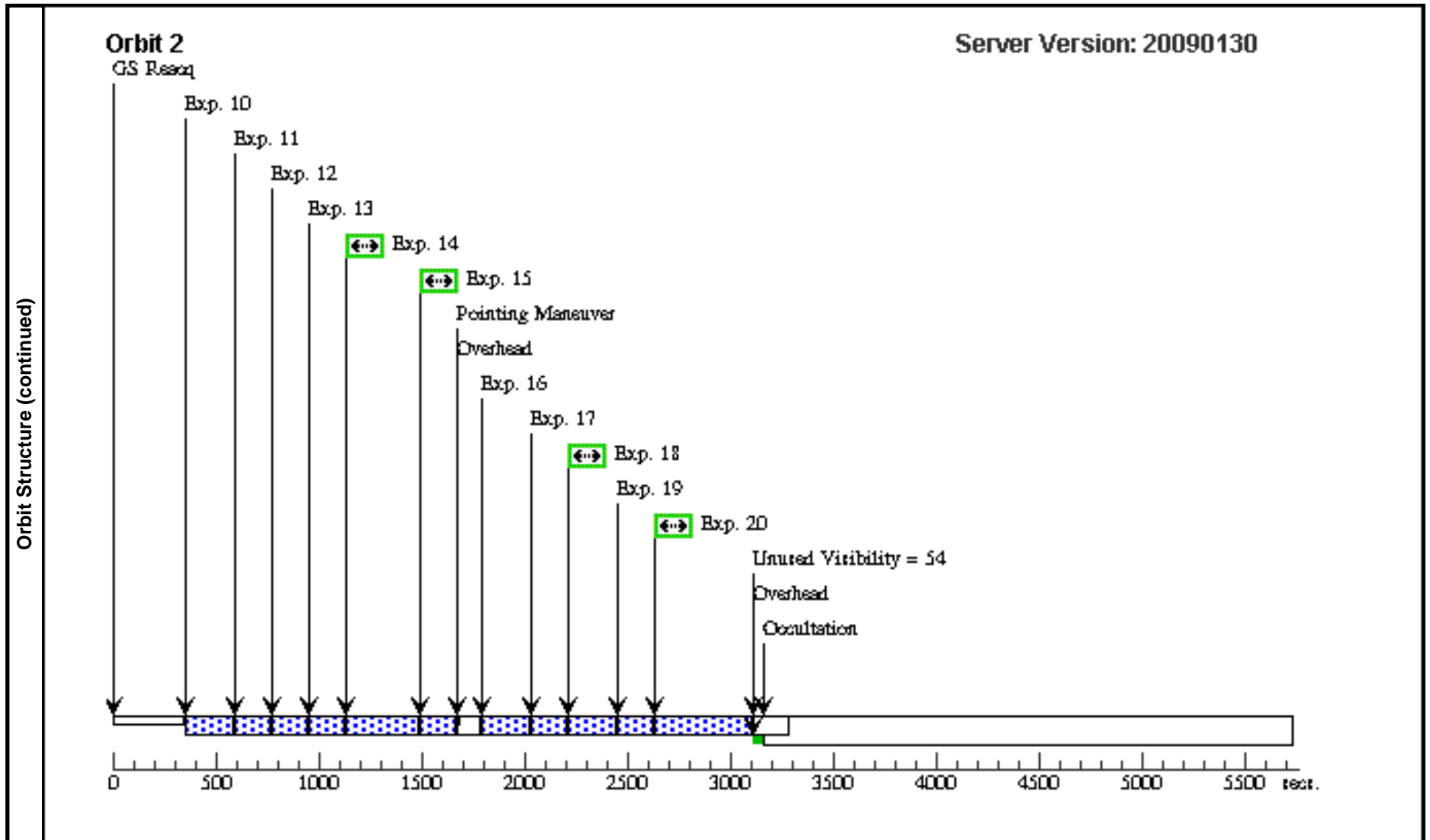
Proposal 11981 - Visit 04 - FUV imaging survey of Galactic open clusters

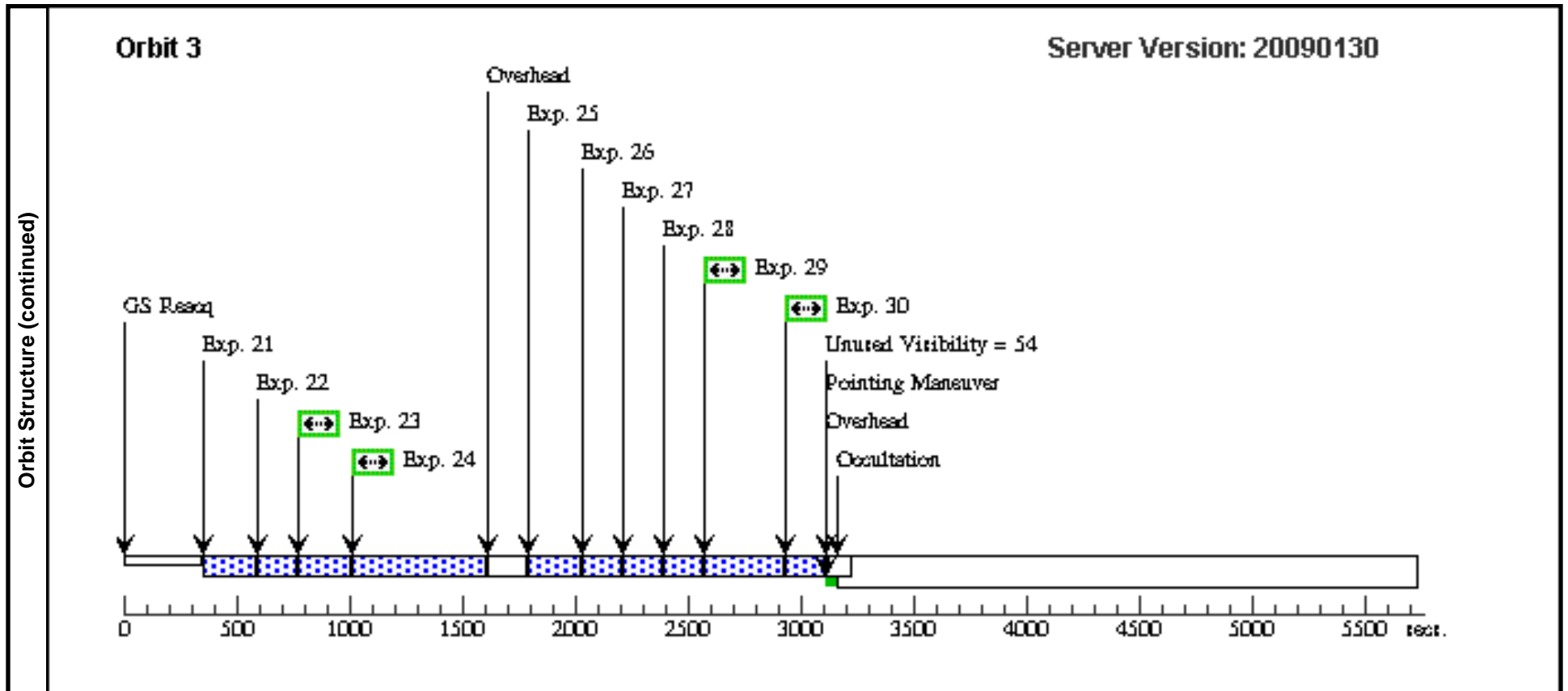
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
Exposures (continued)	15	(3)	NGC6231	WFPC2, IMAGE, PC1	F160BW	CR-SPLIT=NO			100 Secs	[==>]	[2]
	16	(3)	NGC6231	WFPC2, IMAGE, PC1	F410M	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.75,0.7 5		1 Secs	[==>]	[2]
	17	(3)	NGC6231	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.75,0.7 5		1 Secs	[==>]	[2]
	18	(3)	NGC6231	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.75,0.7 5		140 Secs	[==>]	[2]
	19	(3)	NGC6231	WFPC2, IMAGE, PC1	F502N	CR-SPLIT=NO	POS TARG 0.75,0.7 5		1 Secs	[==>]	[2]
	20	(3)	NGC6231	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.75,0.7 5		400 Secs	[==>]	[2]
	21	(3)	NGC6231	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.75,0.7 5		1 Secs	[==>]	[3]
	22	(3)	NGC6231	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO	POS TARG 0.75,0.7 5		1 Secs	[==>]	[3]
	23	(3)	NGC6231	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO	POS TARG 0.75,0.7 5		140 Secs	[==>]	[3]
	24	(3)	NGC6231	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.75,0.7 5		500 Secs	[==>]	[3]
	25	(3)	NGC6231	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.75,0.7 5		1 Secs	[==>]	[3]
	26	(3)	NGC6231	WFPC2, IMAGE, PC1	F673N	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.75,0.7 5		1 Secs	[==>]	[3]
	27	(3)	NGC6231	WFPC2, IMAGE, PC1	F850LP	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.75,0.7 5		1 Secs	[==>]	[3]
	28	(3)	NGC6231	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.75,0.7 5		1 Secs	[==>]	[3]
	29	(3)	NGC6231	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.75,0.7 5		200 Secs	[==>]	[3]
	30	(3)	NGC6231	WFPC2, IMAGE, PC1	F160BW	CR-SPLIT=NO	POS TARG 0.75,0.7 5		100 Secs	[==>]	[3]
	31	(3)	NGC6231	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.50,0.2 5		140 Secs	[==>]	[4]
	32	(3)	NGC6231	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.50,0.2 5		400 Secs	[==>]	[4]
	33	(3)	NGC6231	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.50,0.2 5		140 Secs	[==>]	[4]

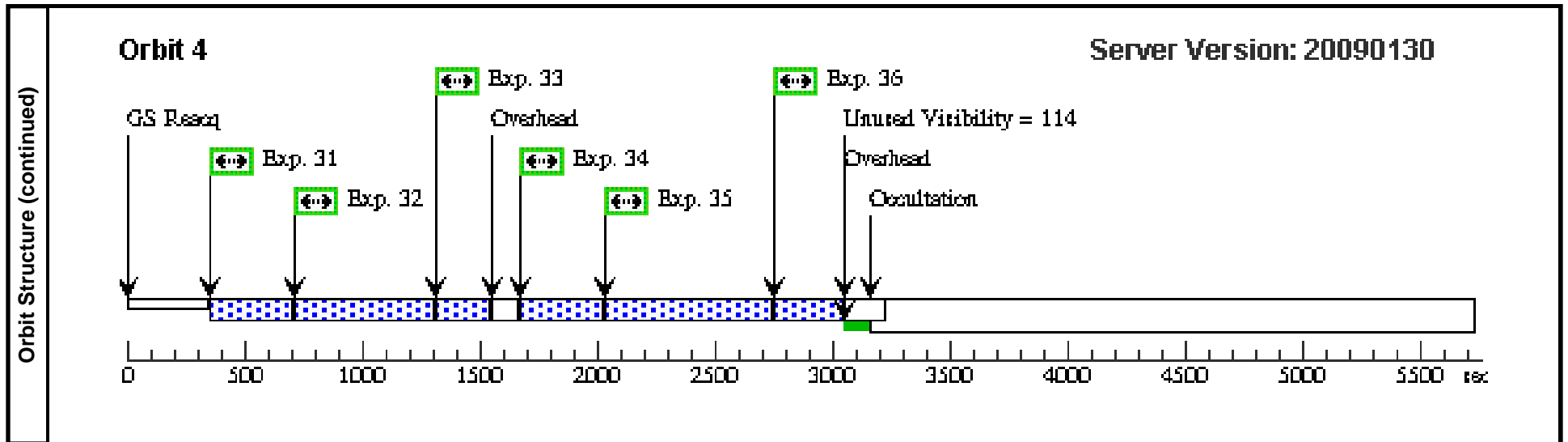
Proposal 11981 - Visit 04 - FUV imaging survey of Galactic open clusters

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	34		(3) NGC6231	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO	POS TARG 0.50,0.2 5		140 Secs	
									[==>]	[4]
	35		(3) NGC6231	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.50,0.2 5		500 Secs	
								[==>]	[4]	
36		(3) NGC6231	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.50,0.2 5		200 Secs		
								[==>]	[4]	









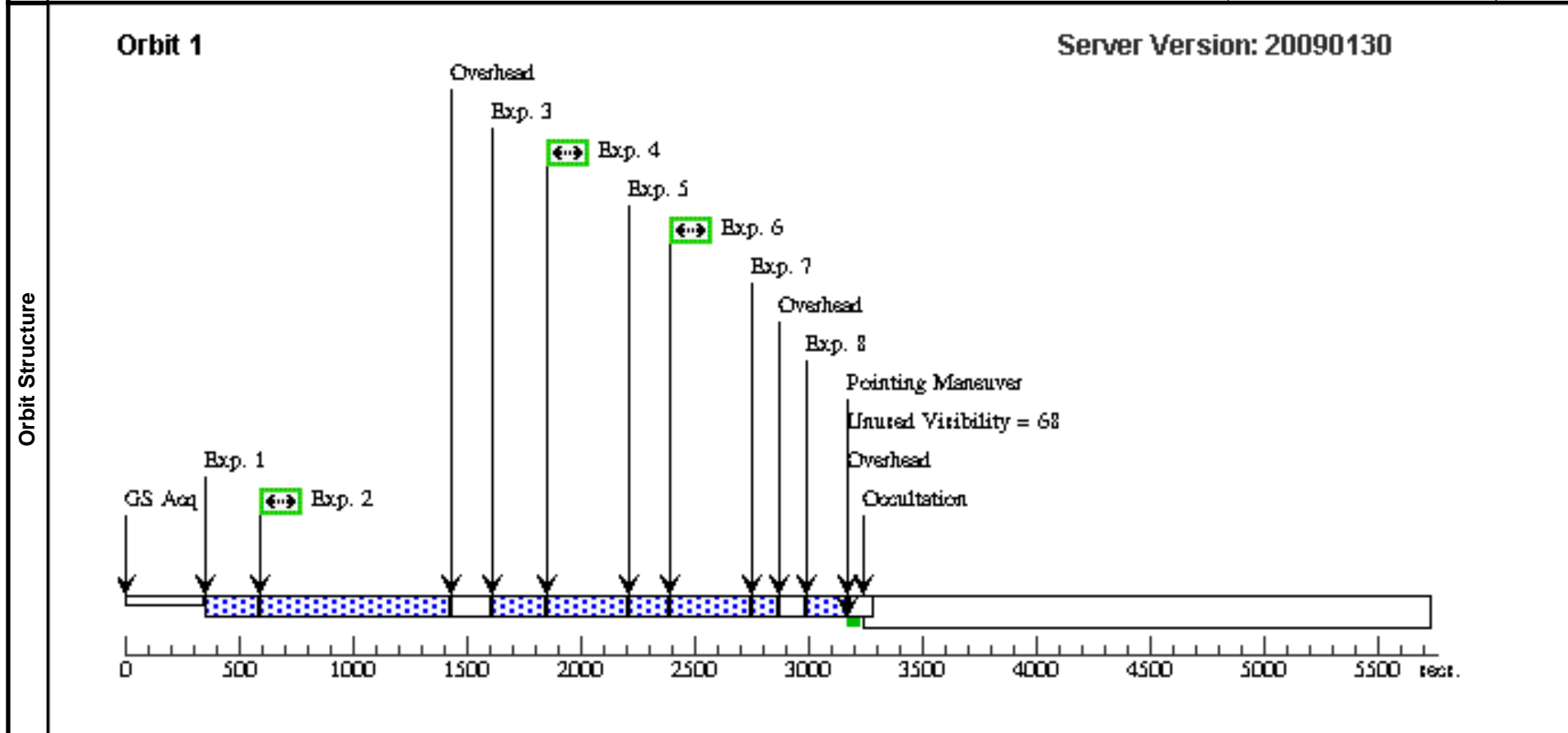
Proposal 11981 - Visit 05 - FUV imaging survey of Galactic open clusters

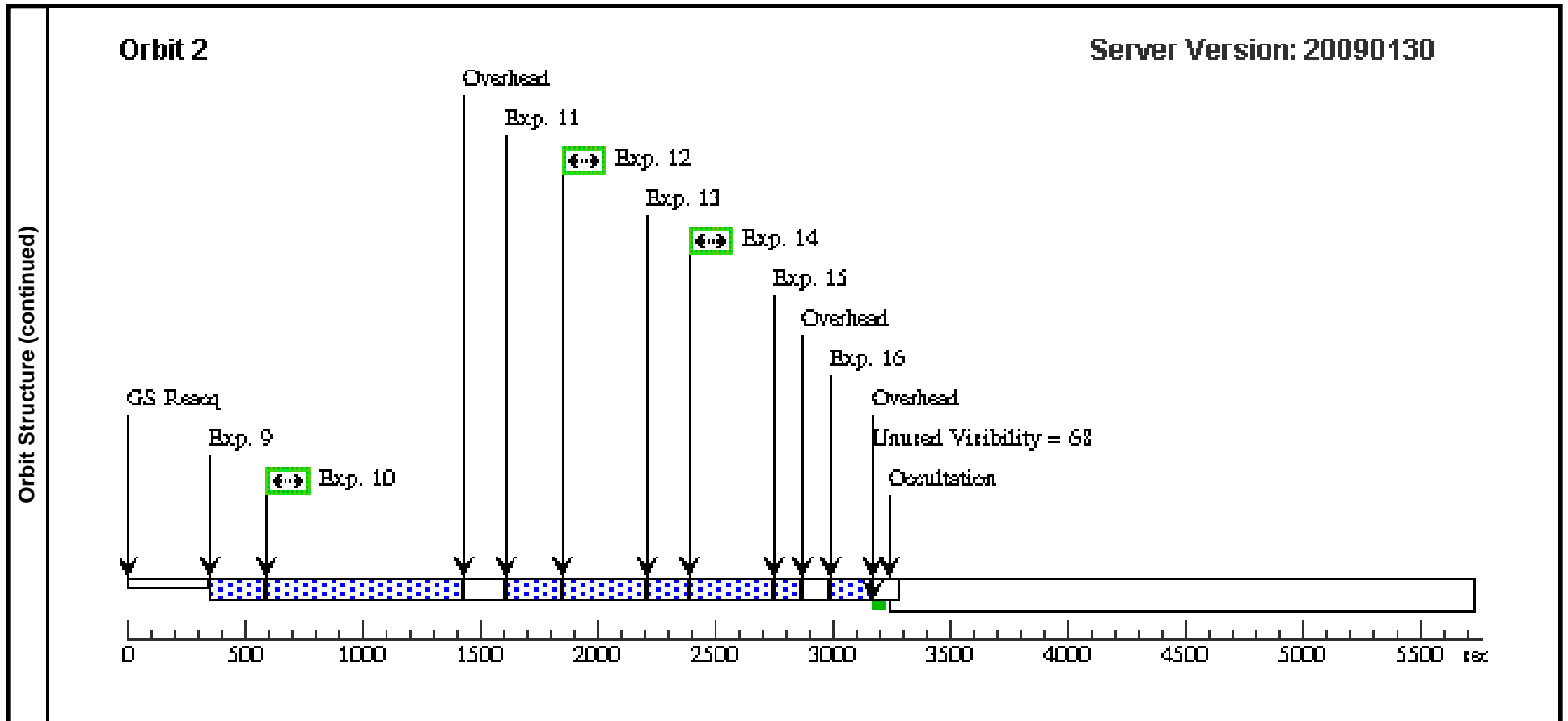
Fri Apr 24 01:43:00 GMT 2009

Visit	Proposal 11981, Visit 05, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: ORIENT 350D TO 10 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(4)	NGC4755	RA: 12 53 48.8415 (193.4535062d) Dec: -60 21 4.02 (-60.35112d) Equinox: J2000		V=6.0 V magnitude is that of Kappa Crucis	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(4) NGC4755	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO				0.11 Secs [==>]	[1]
	2	(4) NGC4755	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO				800 Secs [==>]	[1]
	3	(4) NGC4755	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO				0.11 Secs [==>]	[1]
	4	(4) NGC4755	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO				200 Secs [==>]	[1]
	5	(4) NGC4755	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO; ATD-GAIN=15				0.11 Secs [==>]	[1]
	6	(4) NGC4755	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO; ATD-GAIN=15				200 Secs [==>]	[1]
	7	(4) NGC4755	WFPC2, IMAGE, PC1	F343N	CR-SPLIT=NO				2 Secs [==>]	[1]
	8	(4) NGC4755	WFPC2, IMAGE, PC1	F410M	CR-SPLIT=NO; ATD-GAIN=15				0.11 Secs [==>]	[1]
	9	(4) NGC4755	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO		POS TARG 0.25,0.25		1 Secs [==>]	[2]
	10	(4) NGC4755	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO		POS TARG 0.25,0.25		800 Secs [==>]	[2]
	11	(4) NGC4755	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO		POS TARG 0.25,0.25		1 Secs [==>]	[2]
	12	(4) NGC4755	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO		POS TARG 0.25,0.25		200 Secs [==>]	[2]
	13	(4) NGC4755	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO; ATD-GAIN=15		POS TARG 0.25,0.25		1 Secs [==>]	[2]
14	(4) NGC4755	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO; ATD-GAIN=15		POS TARG 0.25,0.25		200 Secs [==>]	[2]	

Proposal 11981 - Visit 05 - FUV imaging survey of Galactic open clusters

Exposures (continued)	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	15	(4) NGC4755	WFPC2, IMAGE, PC1	F343N	CR-SPLIT=NO	POS TARG 0.25,0.2 5	10 Secs [==>]	[2]		
16	(4) NGC4755	WFPC2, IMAGE, PC1	F410M	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5	1 Secs [==>]	[2]			





Proposal 11981 - Visit 06 - FUV imaging survey of Galactic open clusters

Fri Apr 24 01:43:01 GMT 2009

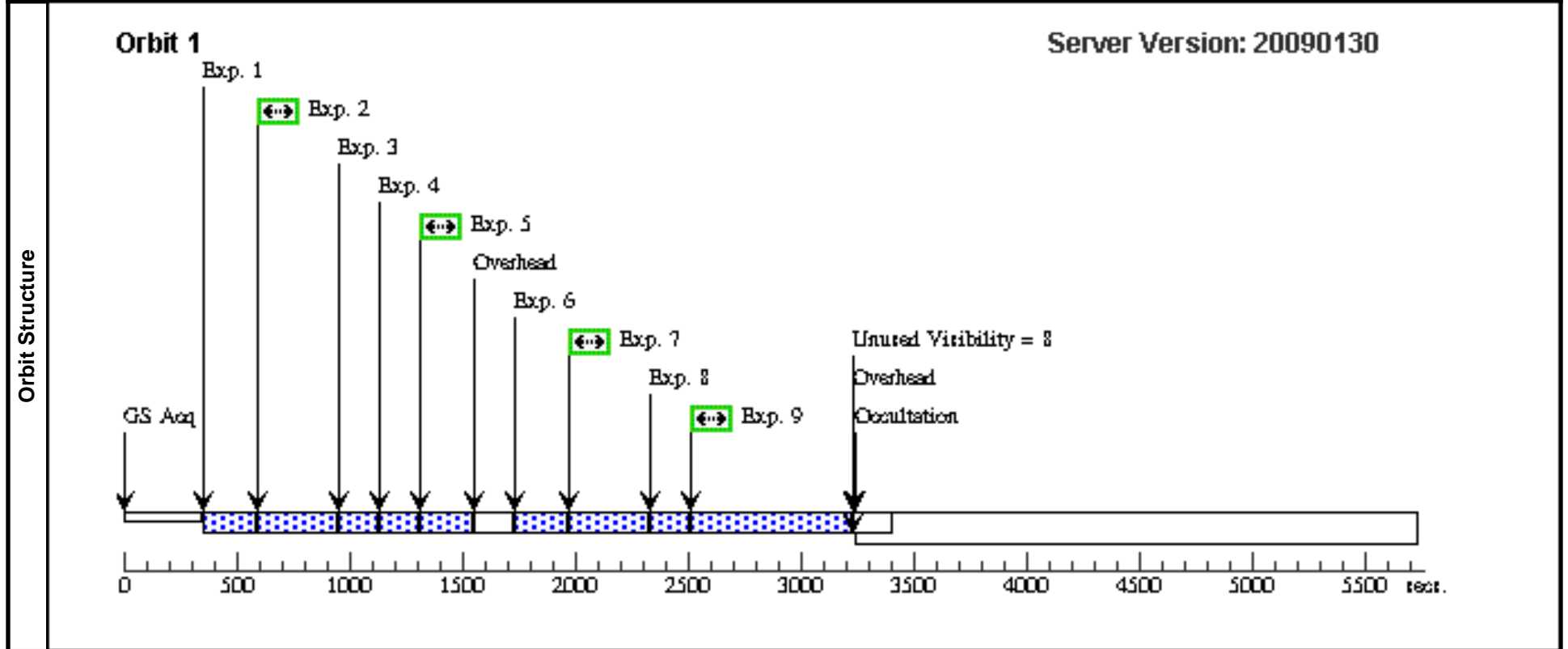
Visit	Proposal 11981, Visit 06, completed Diagnostic Status: Warning Scientific Instruments: WFPC2 Special Requirements: SAME ORIENT AS 05									
	(Visit 06) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 06) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	NGC4755	RA: 12 53 48.8415 (193.4535062d) Dec: -60 21 4.02 (-60.35112d) Equinox: J2000		V=6.0 V magnitude is that of Kappa Crucis	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(4) NGC4755	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO; ATD-GAIN=15				0,11 Secs [==>]	[1]
	2	(4) NGC4755	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO; ATD-GAIN=15				200 Secs [==>]	[1]
	3	(4) NGC4755	WFPC2, IMAGE, PC1	F502N	CR-SPLIT=NO				0,11 Secs [==>]	[1]
	4	(4) NGC4755	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO; ATD-GAIN=15				0,11 Secs [==>]	[1]
	5	(4) NGC4755	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO; ATD-GAIN=15				200 Secs [==>]	[1]
	6	(4) NGC4755	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO				0,11 Secs [==>]	[1]
	7	(4) NGC4755	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO				200 Secs [==>]	[1]
	8	(4) NGC4755	WFPC2, IMAGE, PC1	F673N	CR-SPLIT=NO; ATD-GAIN=15				0,11 Secs [==>]	[1]
	9	(4) NGC4755	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15				600 Secs [==>]	[1]
	10	(4) NGC4755	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15				0,11 Secs [==>]	[2]
	11	(4) NGC4755	WFPC2, IMAGE, PC1	F850LP	CR-SPLIT=NO; ATD-GAIN=15				0,11 Secs [==>]	[2]

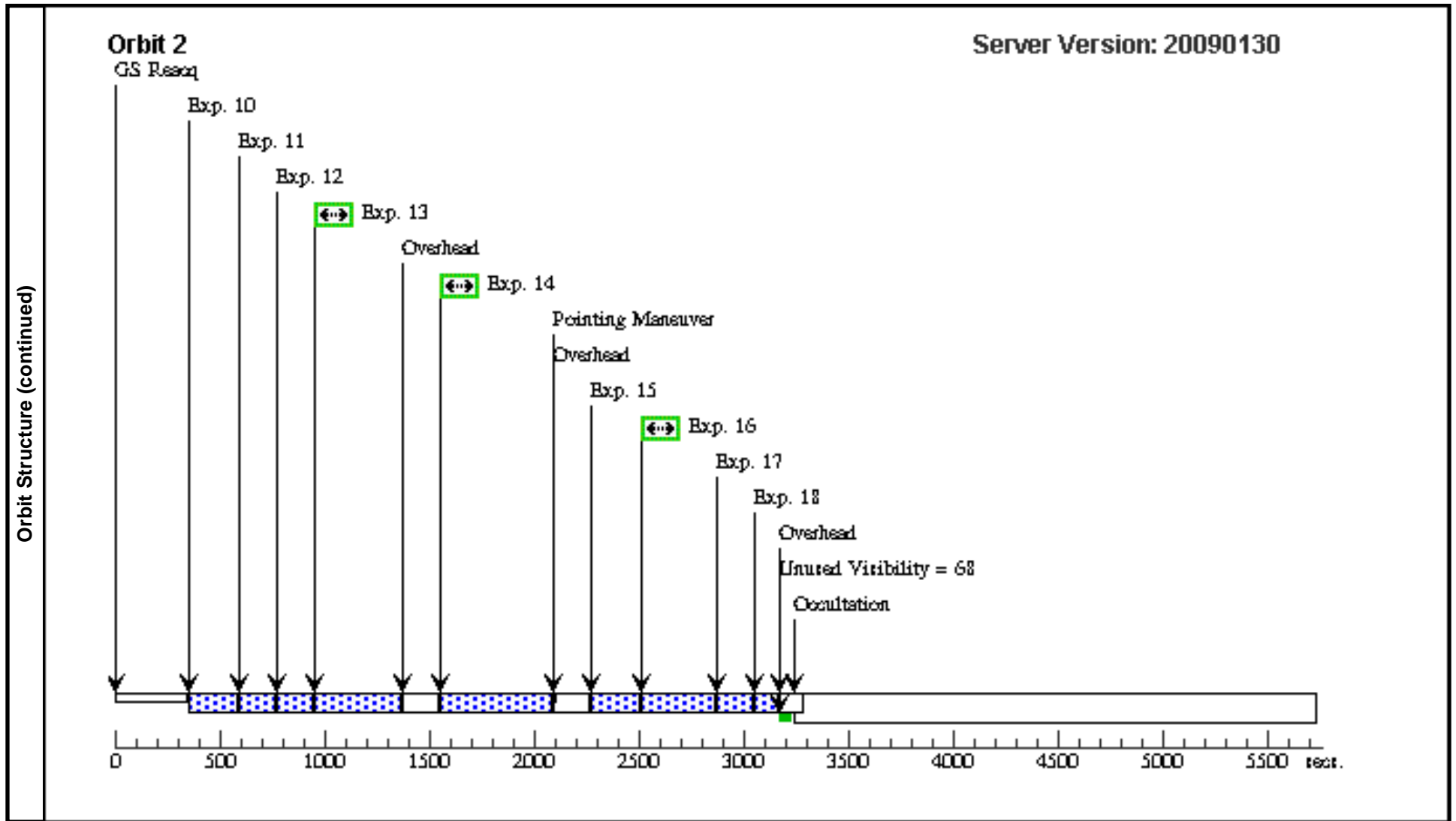
Proposal 11981 - Visit 06 - FUV imaging survey of Galactic open clusters

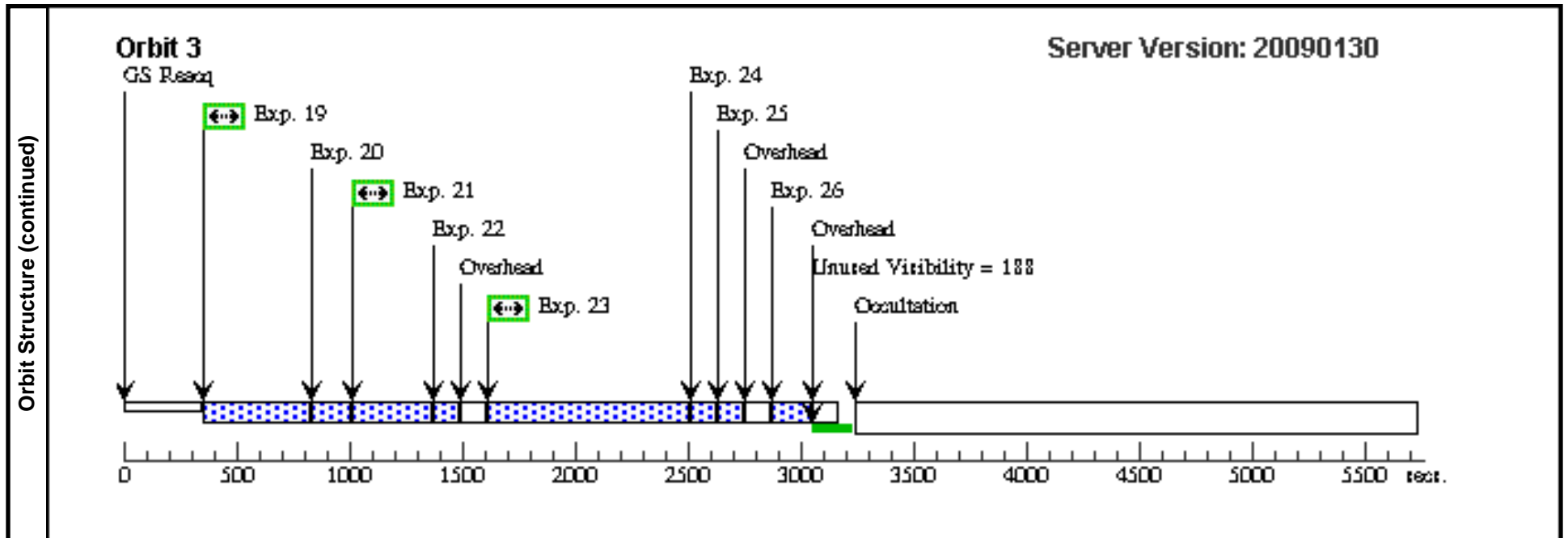
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures (continued)	12	(4) NGC4755	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15			0.11 Secs [==>]	[2]
	13	(4) NGC4755	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15			400 Secs [==>]	[2]
	14	(4) NGC4755	WFPC2, IMAGE, PC1	F160BW	CR-SPLIT=NO			400 Secs [==>]	[2]
	15	(4) NGC4755	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		1 Secs [==>]	[2]
	16	(4) NGC4755	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		200 Secs [==>]	[2]
	17	(4) NGC4755	WFPC2, IMAGE, PC1	F502N	CR-SPLIT=NO	POS TARG 0.25,0.2 5		1 Secs [==>]	[2]
	18	(4) NGC4755	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		1 Secs [==>]	[2]
	19	(4) NGC4755	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		200 Secs [==>]	[3]
	20	(4) NGC4755	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO	POS TARG 0.25,0.2 5		1 Secs [==>]	[3]
	21	(4) NGC4755	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO	POS TARG 0.25,0.2 5		200 Secs [==>]	[3]
	22	(4) NGC4755	WFPC2, IMAGE, PC1	F673N	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		1 Secs [==>]	[3]
	23	(4) NGC4755	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		600 Secs [==>]	[3]
	24	(4) NGC4755	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		1 Secs [==>]	[3]
	25	(4) NGC4755	WFPC2, IMAGE, PC1	F850LP	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		1 Secs [==>]	[3]
	26	(4) NGC4755	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		1 Secs [==>]	[3]
	27	(4) NGC4755	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.25,0.2 5		400 Secs [==>]	[4]
	28	(4) NGC4755	WFPC2, IMAGE, PC1	F160BW	CR-SPLIT=NO	POS TARG 0.25,0.2 5		20 Secs [==>]	[4]
	29	(4) NGC4755	WFPC2, IMAGE, PC1	F160BW	CR-SPLIT=NO	POS TARG 0.25,0.2 5		400 Secs [==>]	[4]
	30	(4) NGC4755	WFPC2, IMAGE, PC1	F160BW	CR-SPLIT=NO	POS TARG 30,-30		400 Secs [==>]	[4]

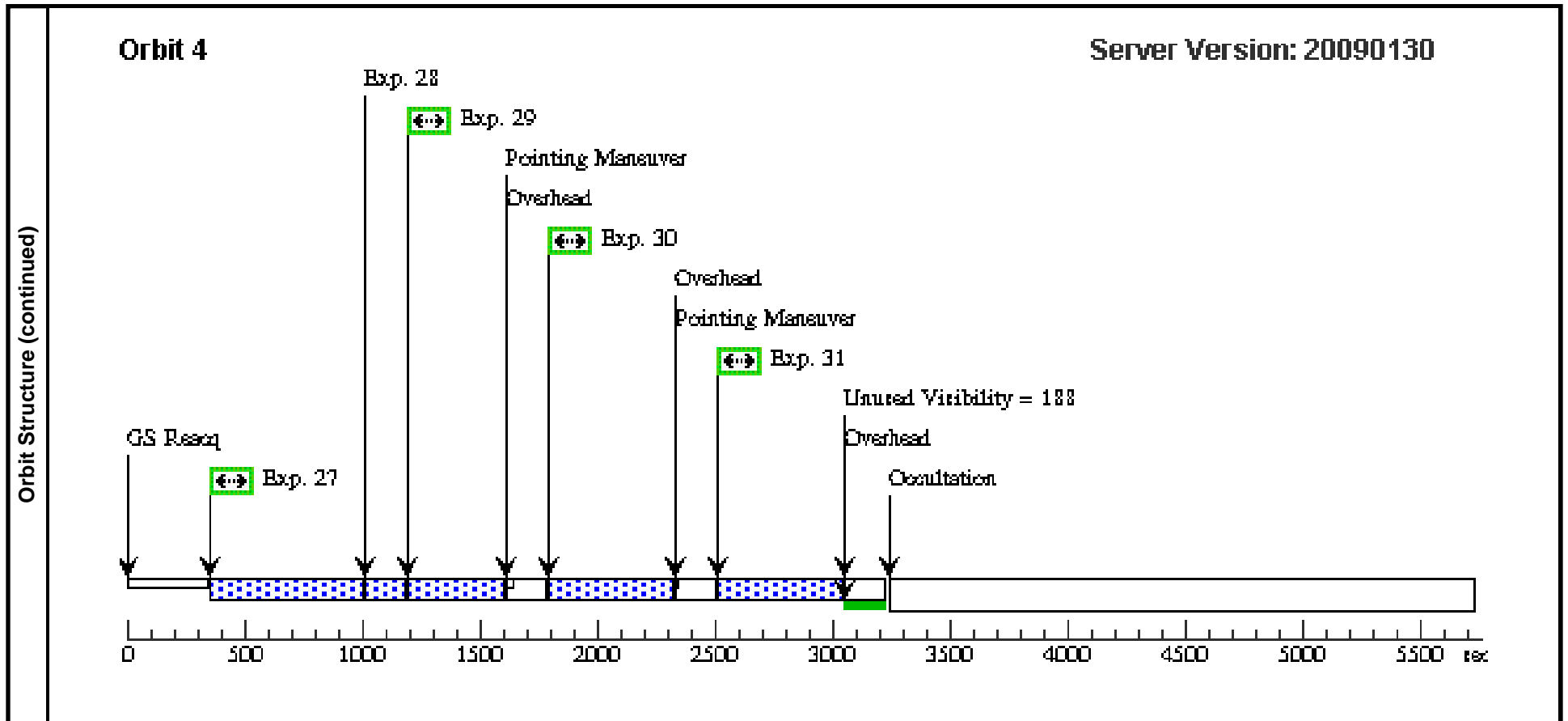
Proposal 11981 - Visit 06 - FUV imaging survey of Galactic open clusters

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		31		(4) NGC4755	WFPC2, IMAGE, PC1	F160BW	CR-SPLIT=NO	POS TARG 30.25,-2 9.75		400 Secs [==>]









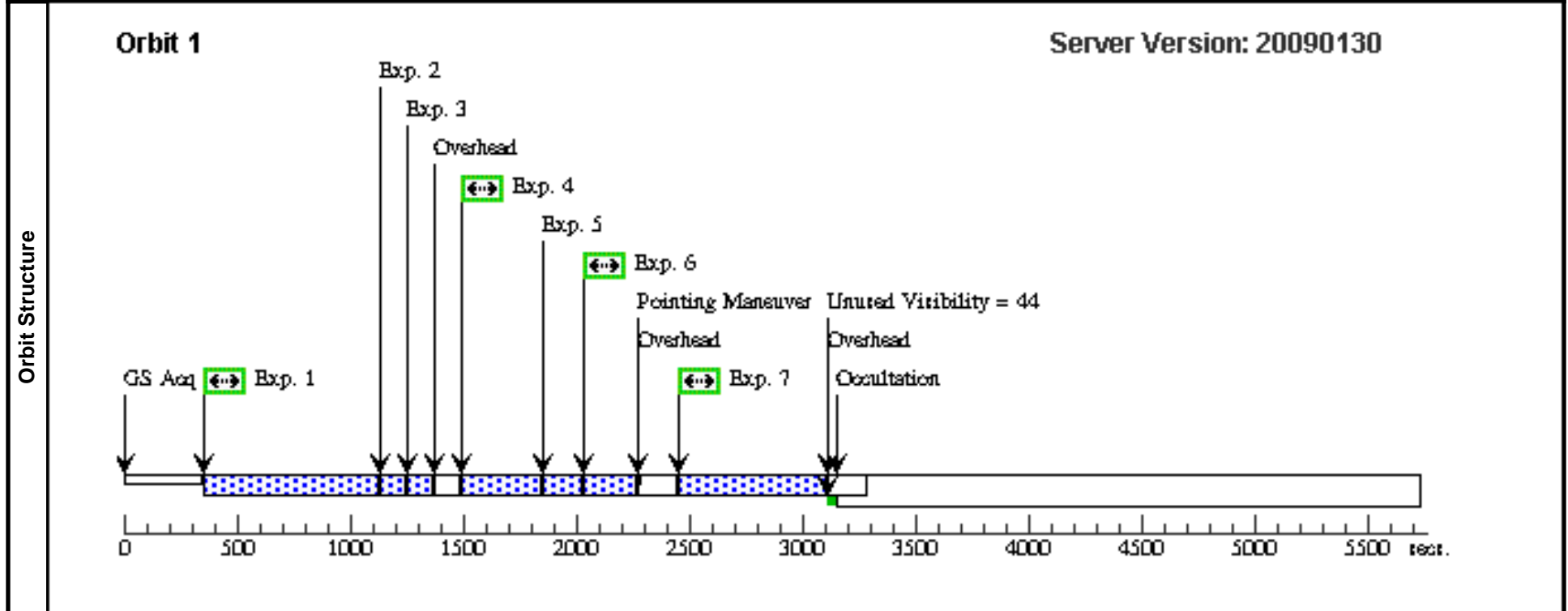
Proposal 11981 - Visit 07 - FUV imaging survey of Galactic open clusters

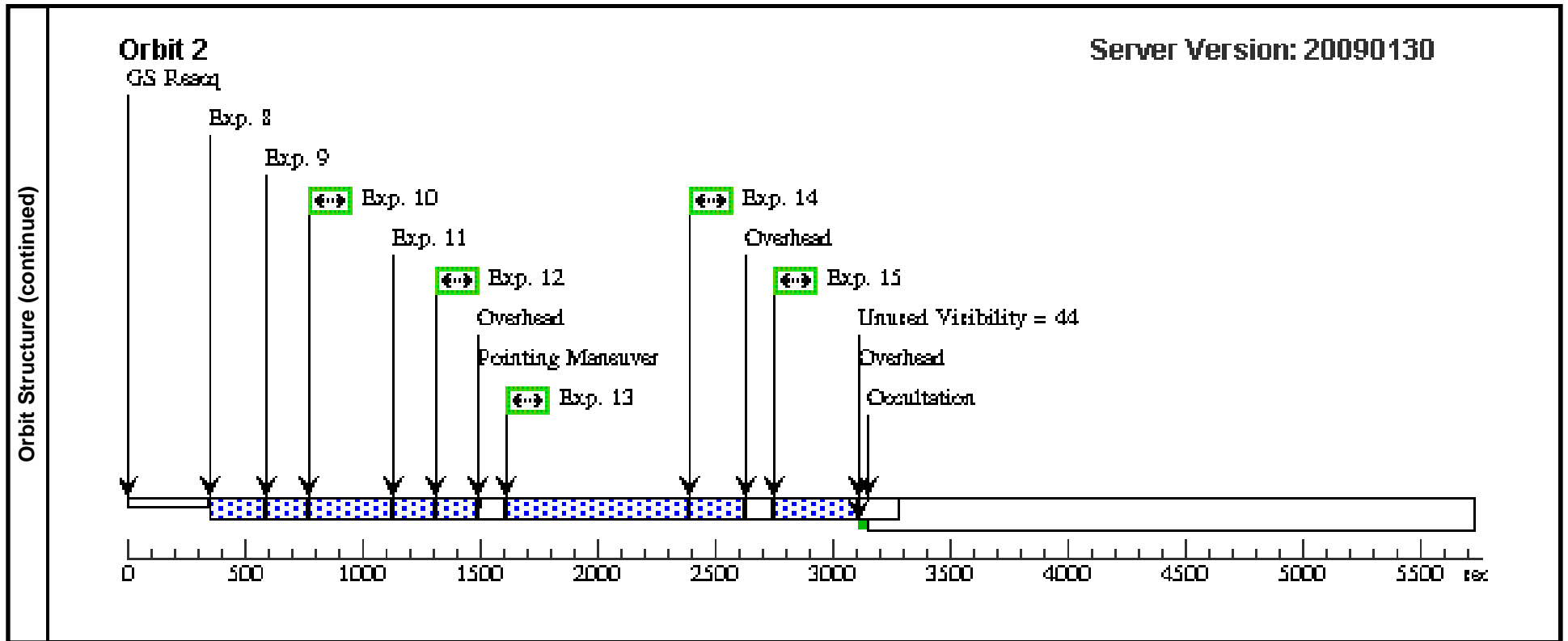
Fri Apr 24 01:43:02 GMT 2009

Visit	Proposal 11981, Visit 07, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: ORIENT 250D TO 270 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(5)	NGC7063	RA: 21 24 29.8483 (321.1243679d) Dec: +36 31 0.38 (36.51677d) Equinox: J2000		V=9.6 V magnitude is that of BD +35 4 515	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(5) NGC7063	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO			500 Secs [==>]	[1]
	2		(5) NGC7063	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO			10 Secs [==>]	[1]
	3		(5) NGC7063	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO			3 Secs [==>]	[1]
	4		(5) NGC7063	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO			160 Secs [==>]	[1]
	5		(5) NGC7063	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO			0.5 Secs [==>]	[1]
	6		(5) NGC7063	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO			180 Secs [==>]	[1]
	7		(5) NGC7063	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO		POS TARG 0.75,0.7 5	500 Secs [==>]	[1]
	8		(5) NGC7063	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO		POS TARG 0.75,0.7 5	10 Secs [==>]	[2]
	9		(5) NGC7063	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO		POS TARG 0.75,0.7 5	10 Secs [==>]	[2]
	10		(5) NGC7063	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO		POS TARG 0.75,0.7 5	180 Secs [==>]	[2]
	11		(5) NGC7063	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO		POS TARG 0.75,0.7 5	1 Secs [==>]	[2]
	12		(5) NGC7063	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO		POS TARG 0.75,0.7 5	160 Secs [==>]	[2]
	13		(5) NGC7063	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO		POS TARG 0.50,0.2 5	500 Secs [==>]	[2]
	14		(5) NGC7063	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO		POS TARG 0.50,0.2 5	160 Secs [==>]	[2]

Proposal 11981 - Visit 07 - FUV imaging survey of Galactic open clusters

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		15		(5) NGC7063	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO	POS TARG 0.5,0.25		180 Secs [==>]





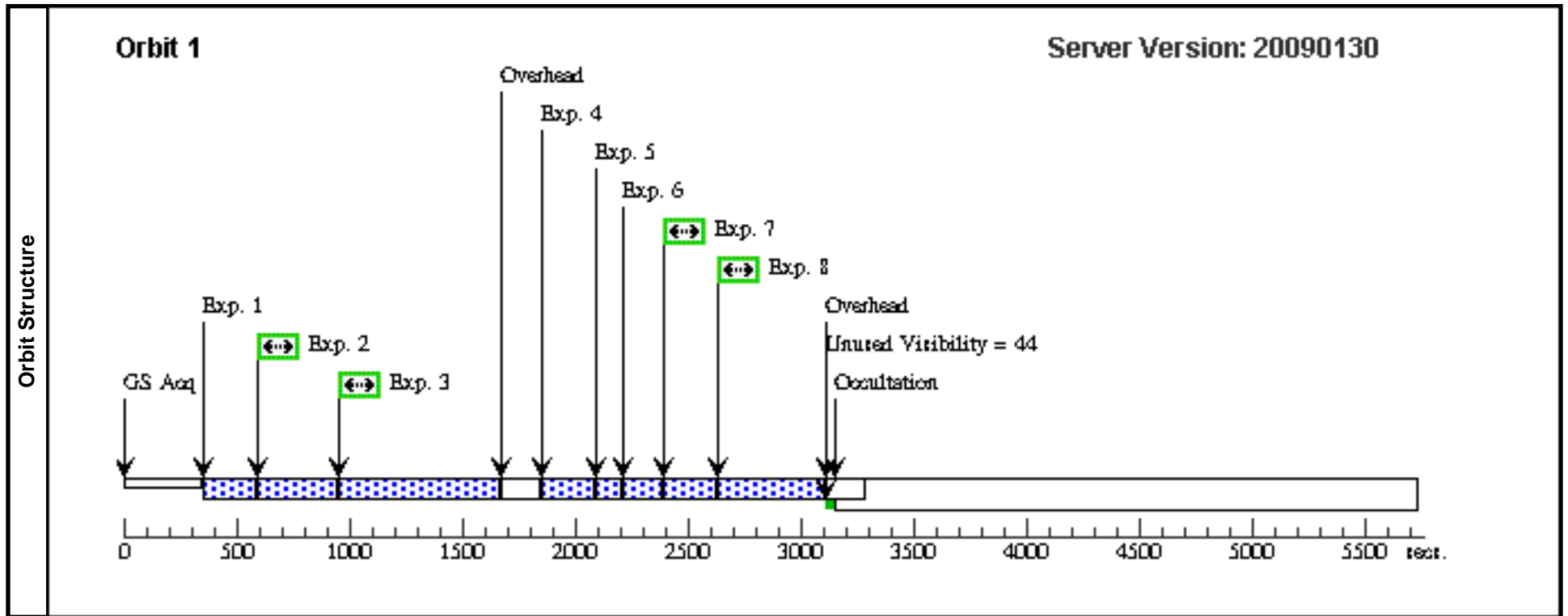
Proposal 11981 - Visit 08 - FUV imaging survey of Galactic open clusters

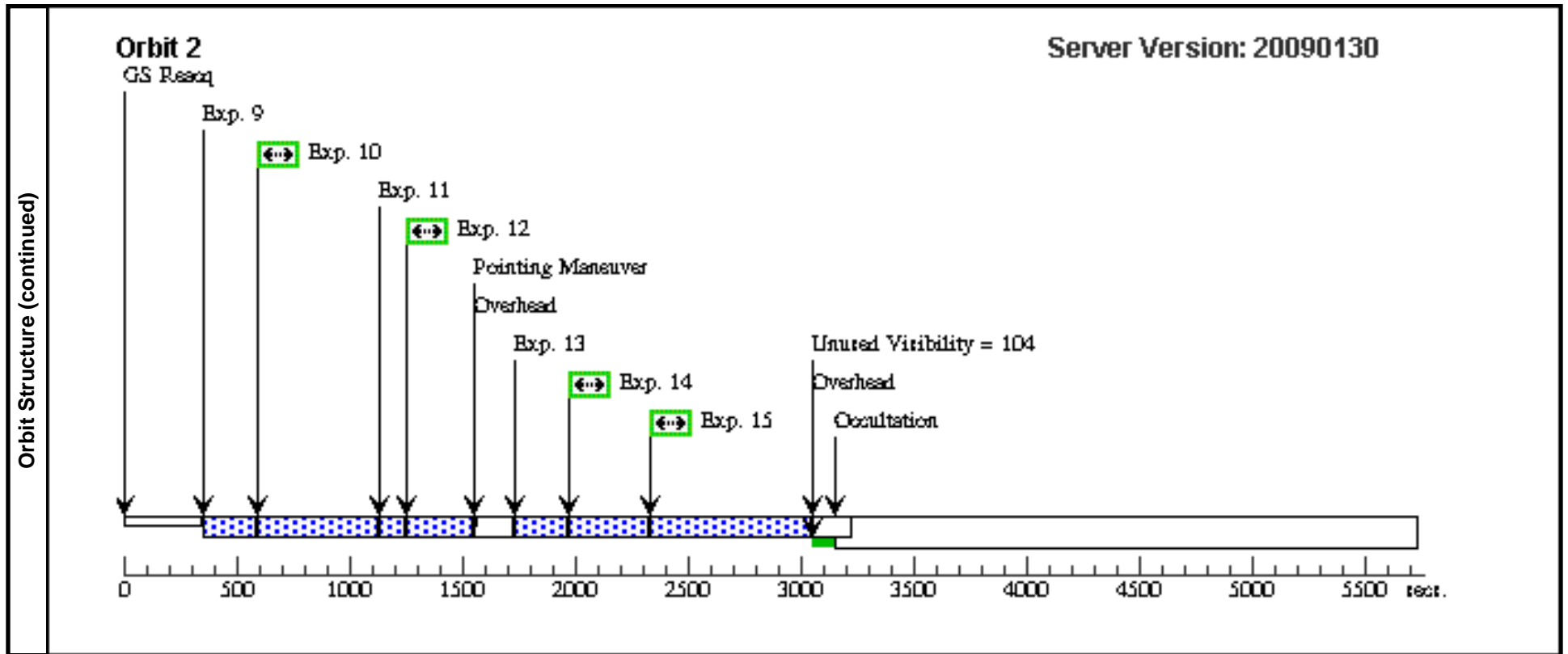
Fri Apr 24 01:43:03 GMT 2009

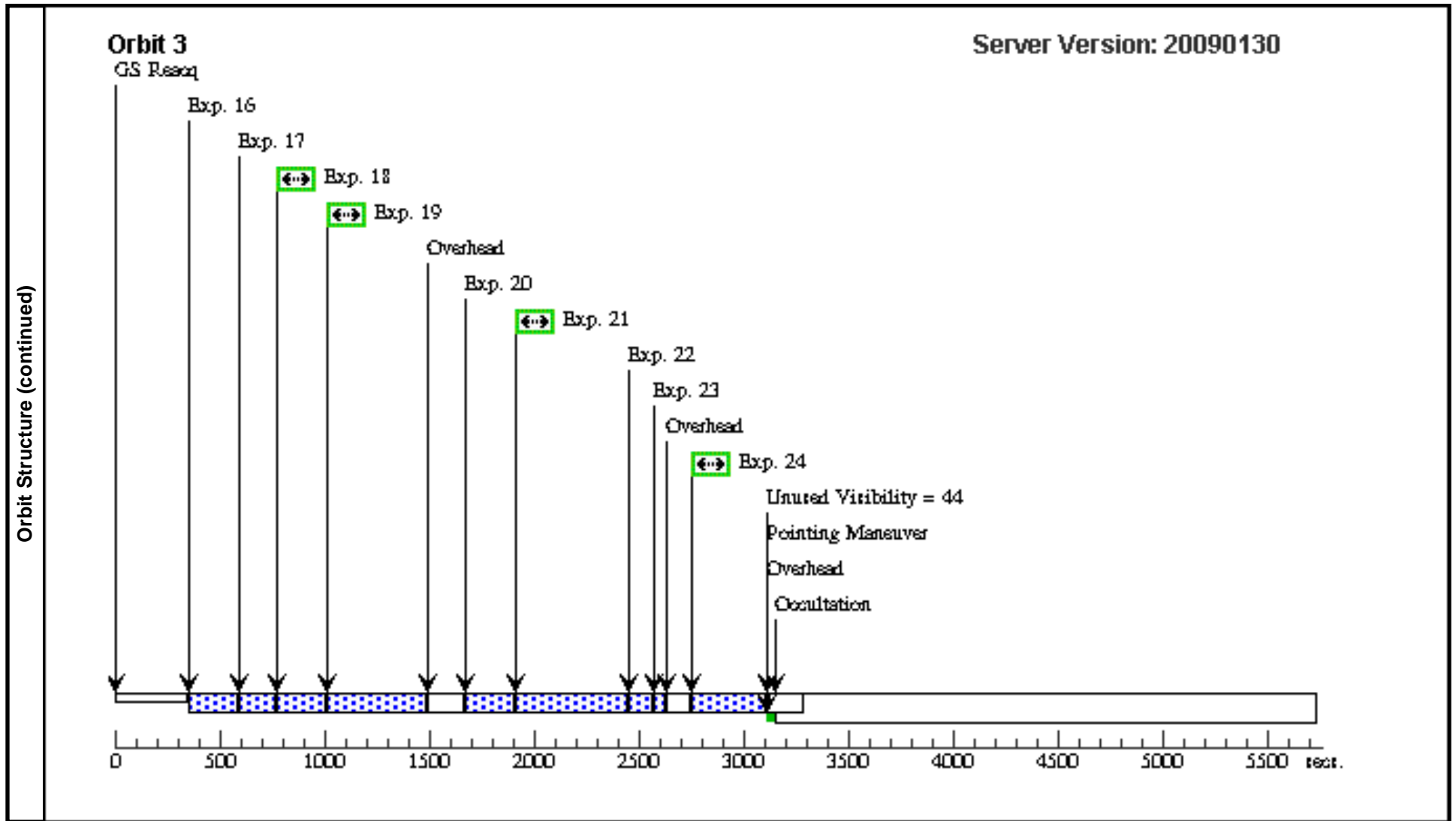
Visit	Proposal 11981, Visit 08, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: SAME ORIENT AS 07									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(5)	NGC7063	RA: 21 24 29.8483 (321.1243679d) Dec: +36 31 0.38 (36.51677d) Equinox: J2000		V=9.6 V magnitude is that of BD +35 4 515	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(5) NGC7063	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO			0.2 Secs [==>]	[1]
	2		(5) NGC7063	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO			180 Secs [==>]	[1]
	3		(5) NGC7063	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO			600 Secs [==>]	[1]
	4		(5) NGC7063	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO			0.11 Secs [==>]	[1]
	5		(5) NGC7063	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO			30 Secs [==>]	[1]
	6		(5) NGC7063	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO			3 Secs [==>]	[1]
	7		(5) NGC7063	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO			140 Secs [==>]	[1]
	8		(5) NGC7063	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15			400 Secs [==>]	[1]
	9		(5) NGC7063	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15			0.11 Secs [==>]	[2]
	10		(5) NGC7063	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO			300 Secs [==>]	[2]
	11		(5) NGC7063	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO			0.11 Secs [==>]	[2]
	12		(5) NGC7063	WFPC2, IMAGE, PC1	F160BW	CR-SPLIT=NO			200 Secs [==>]	[2]
	13		(5) NGC7063	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO	POS TARG 0.75,0.7 5		1 Secs [==>]	[2]
14		(5) NGC7063	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO	POS TARG 0.75,0.7 5		180 Secs [==>]	[2]	

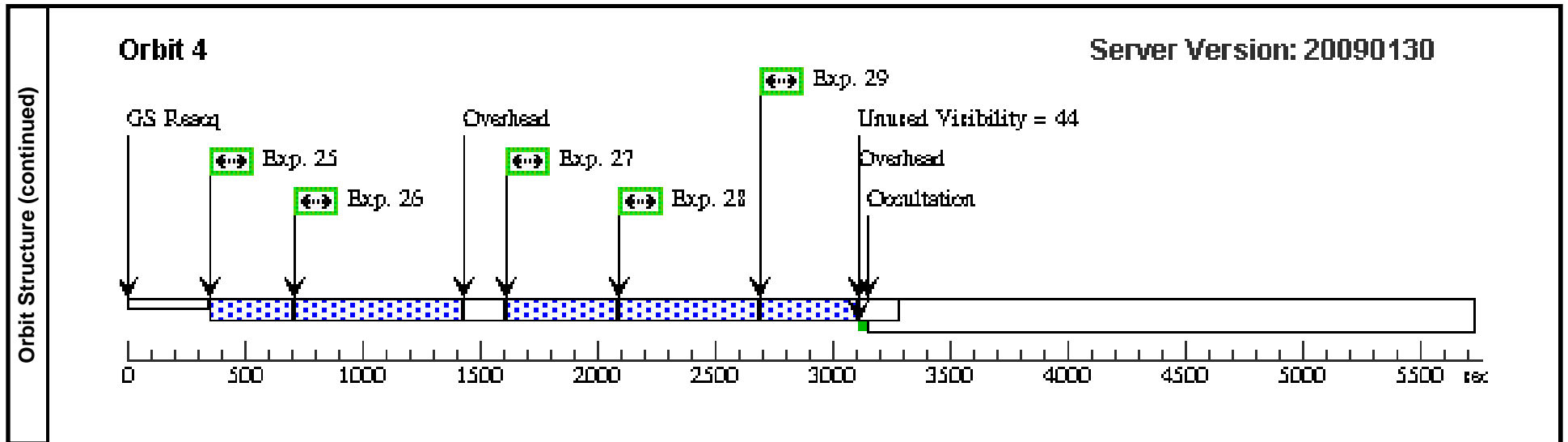
Proposal 11981 - Visit 08 - FUV imaging survey of Galactic open clusters

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures (continued)	15	(5) NGC7063	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO	POS TARG 0.75,0.7 5		600 Secs [==>]	[2]
	16	(5) NGC7063	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO	POS TARG 0.75,0.7 5		1 Secs [==>]	[3]
	17	(5) NGC7063	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO	POS TARG 0.75,0.7 5		10 Secs [==>]	[3]
	18	(5) NGC7063	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO	POS TARG 0.75,0.7 5		140 Secs [==>]	[3]
	19	(5) NGC7063	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.75,0.7 5		400 Secs [==>]	[3]
	20	(5) NGC7063	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.75,0.7 5		1 Secs [==>]	[3]
	21	(5) NGC7063	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO	POS TARG 0.75,0.7 5		300 Secs [==>]	[3]
	22	(5) NGC7063	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO	POS TARG 0.75,0.7 5		1 Secs [==>]	[3]
	23	(5) NGC7063	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO	POS TARG 0.75,0.7 5		30 Secs [==>]	[3]
	24	(5) NGC7063	WFPC2, IMAGE, PC1	F160BW	CR-SPLIT=NO	POS TARG 0.75,0.7 5		200 Secs [==>]	[3]
	25	(5) NGC7063	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO	POS TARG 0.50,0.2 5		140 Secs [==>]	[4]
	26	(5) NGC7063	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO	POS TARG 0.50,0.2 5		600 Secs [==>]	[4]
	27	(5) NGC7063	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO	POS TARG 0.50,0.2 5		180 Secs [==>]	[4]
	28	(5) NGC7063	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.50,0.2 5		400 Secs [==>]	[4]
	29	(5) NGC7063	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO	POS TARG 0.50,0.2 5		300 Secs [==>]	[4]









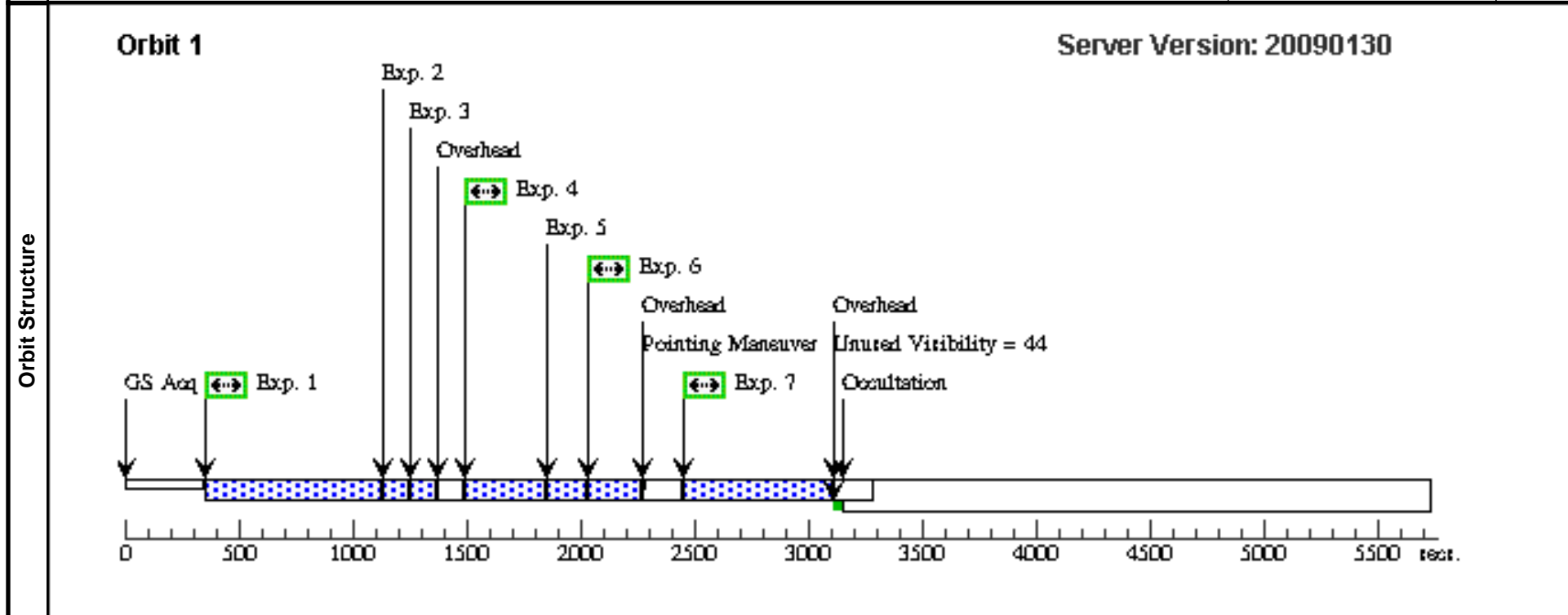
Proposal 11981 - Visit 09 - FUV imaging survey of Galactic open clusters

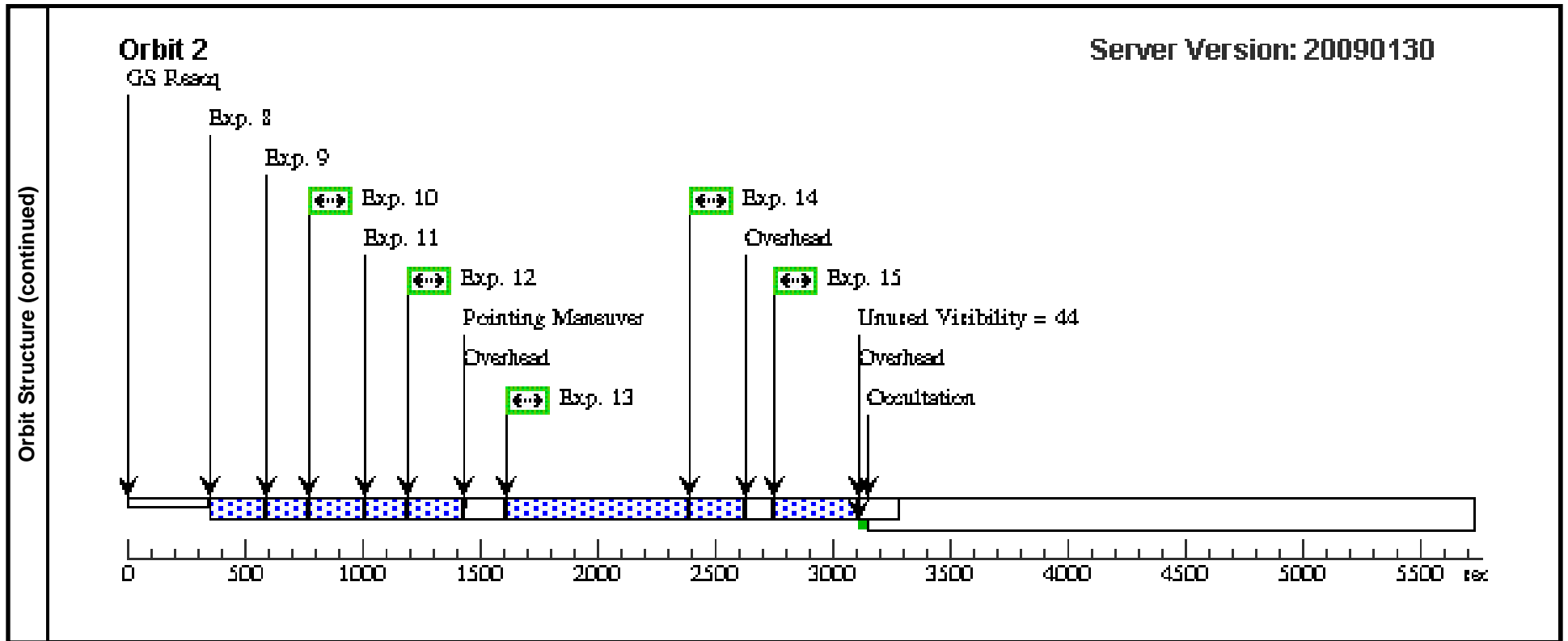
Fri Apr 24 01:43:04 GMT 2009

Visit	Proposal 11981, Visit 09, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: ORIENT 290D TO 290 D										
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	NGC6281	RA: 17 04 42.2100 (256.1758750d) Dec: -37 58 10.78 (-37.96966d) Equinox: J2000			V=8.2 V magnitude is that of HD 3226 58	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	(6) NGC6281	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO				500 Secs [==>]	[1]	
	2	(6) NGC6281	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO				5 Secs [==>]	[1]	
	3	(6) NGC6281	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO				2 Secs [==>]	[1]	
	4	(6) NGC6281	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO				160 Secs [==>]	[1]	
	5	(6) NGC6281	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO				0.3 Secs [==>]	[1]	
	6	(6) NGC6281	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO				180 Secs [==>]	[1]	
	7	(6) NGC6281	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO		POS TARG 0.75,0.7 5		500 Secs [==>]	[1]	
	8	(6) NGC6281	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO		POS TARG 0.75,0.7 5		5 Secs [==>]	[2]	
	9	(6) NGC6281	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO		POS TARG 0.75,0.7 5		2 Secs [==>]	[2]	
	10	(6) NGC6281	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO		POS TARG 0.75,0.7 5		160 Secs [==>]	[2]	
	11	(6) NGC6281	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO		POS TARG 0.75,0.7 5		0.3 Secs [==>]	[2]	
	12	(6) NGC6281	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO		POS TARG 0.75,0.7 5		180 Secs [==>]	[2]	
	13	(6) NGC6281	WFPC2, IMAGE, PC1	F170W	CR-SPLIT=NO		POS TARG 0.5,0.25		500 Secs [==>]	[2]	
14	(6) NGC6281	WFPC2, IMAGE, PC1	F255W	CR-SPLIT=NO		POS TARG 0.5,0.25		160 Secs [==>]	[2]		

Proposal 11981 - Visit 09 - FUV imaging survey of Galactic open clusters

Exposures (continued)	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		15		(6) NGC6281	WFPC2, IMAGE, PC1	F336W	CR-SPLIT=NO	POS TARG 0.50,0.2 5		180 Secs [==>]





Proposal 11981 - Visit 10 - FUV imaging survey of Galactic open clusters

Fri Apr 24 01:43:04 GMT 2009

Visit	Proposal 11981, Visit 10, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: SAME ORIENT AS 09									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(6)	NGC6281	RA: 17 04 42.2100 (256.1758750d) Dec: -37 58 10.78 (-37.96966d) Equinox: J2000			V=8.2 V magnitude is that of HD 3226 58	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(6) NGC6281	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO; ATD-GAIN=15				0.11 Secs [==>]	[1]
	2	(6) NGC6281	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO; ATD-GAIN=15				180 Secs [==>]	[1]
	3	(6) NGC6281	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO; ATD-GAIN=15				600 Secs [==>]	[1]
	4	(6) NGC6281	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO; ATD-GAIN=15				0.11 Secs [==>]	[1]
	5	(6) NGC6281	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO; ATD-GAIN=15				30 Secs [==>]	[1]
	6	(6) NGC6281	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO				1 Secs [==>]	[1]
	7	(6) NGC6281	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO				140 Secs [==>]	[1]
	8	(6) NGC6281	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15				400 Secs [==>]	[1]
	9	(6) NGC6281	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15				0.11 Secs [==>]	[2]
	10	(6) NGC6281	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15				300 Secs [==>]	[2]
	11	(6) NGC6281	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15				0.11 Secs [==>]	[2]
	12	(6) NGC6281	WFPC2, IMAGE, PC1	F160BW	CR-SPLIT=NO				200 Secs [==>]	[2]
	13	(6) NGC6281	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO; ATD-GAIN=15		POS TARG 0.75,0.7 5		1 Secs [==>]	[2]
14	(6) NGC6281	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO; ATD-GAIN=15		POS TARG 0.75,0.7 5		180 Secs [==>]	[2]	

Proposal 11981 - Visit 10 - FUV imaging survey of Galactic open clusters

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures (continued)	15	(6) NGC6281	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.75,0.7 5		600 Secs [==>]	[2]
	16	(6) NGC6281	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.75,0.7 5		1 Secs [==>]	[3]
	17	(6) NGC6281	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO	POS TARG 0.75,0.7 5		1 Secs [==>]	[3]
	18	(6) NGC6281	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO	POS TARG 0.75,0.7 5		140 Secs [==>]	[3]
	19	(6) NGC6281	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.75,0.7 5		400 Secs [==>]	[3]
	20	(6) NGC6281	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.75,0.7 5		1 Secs [==>]	[3]
	21	(6) NGC6281	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.75,0.7 5		300 Secs [==>]	[3]
	22	(6) NGC6281	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.75,0.7 5		1 Secs [==>]	[3]
	23	(6) NGC6281	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.75,0.7 5		30 Secs [==>]	[3]
	24	(6) NGC6281	WFPC2, IMAGE, PC1	F160BW	CR-SPLIT=NO	POS TARG 0.75,0.7 5		200 Secs [==>]	[3]
	25	(6) NGC6281	WFPC2, IMAGE, PC1	F439W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.5,0.25		180 Secs [==>]	[4]
	26	(6) NGC6281	WFPC2, IMAGE, PC1	F547M	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.5,0.25		600 Secs [==>]	[4]
	27	(6) NGC6281	WFPC2, IMAGE, PC1	F656N	CR-SPLIT=NO	POS TARG 0.5,0.25		140 Secs [==>]	[4]
	28	(6) NGC6281	WFPC2, IMAGE, PC1	F675W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.5,0.25		400 Secs [==>]	[4]
	29	(6) NGC6281	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=NO; ATD-GAIN=15	POS TARG 0.5,0.25		300 Secs [==>]	[4]

