



10431 - A Search for Faint Companions of Altair

Cycle: 13, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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Dr. David A. Golimowski (CoI)	The Johns Hopkins University	
Dr. Richard L. White (CoI)	Space Telescope Science Institute	
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VISITS

<i>Visit</i>	<i>Targets</i>	<i>Configurations</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) ALTAIR	ACS/HRC	3	13-Jul-2005 21:01:55.0	yes
02	(1) ALTAIR	ACS/HRC	3	13-Jul-2005 21:02:33.0	yes
03	(1) ALTAIR	ACS/HRC	3	13-Jul-2005 21:03:04.0	yes
04	(1) ALTAIR	ACS/HRC	3	13-Jul-2005 21:03:35.0	yes
05	(1) ALTAIR	ACS/HRC	3	13-Jul-2005 21:04:06.0	yes

Proposal 10431 - Overview

<i>Visit</i>	<i>Targets</i>	<i>Configurations</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
06	(1) ALTAIR	ACS/HRC	3	13-Jul-2005 21:04:37.0	yes
07	(1) ALTAIR	ACS/HRC	3	13-Jul-2005 21:05:09.0	yes
08	(1) ALTAIR	ACS/HRC	3	13-Jul-2005 21:05:40.0	yes
09	(1) ALTAIR	ACS/HRC	2	13-Jul-2005 21:05:59.0	yes
56	(1) ALTAIR	ACS/HRC	3	13-Jul-2005 21:06:28.0	yes

29 Total Orbits Used

ABSTRACT

We propose to use the innovative new technique of spectral deconvolution (Sparks & Ford 2002) to search for very faint companions, possibly extrasolar planets shining by reflected light, around Altair, the nearest bright, single star to the Sun. The technique offers a Poisson-limited detection capability that brings Jovian-class planets into the realm of feasibility for a select few stars. We turn the wavelength dependence of the coronagraphic PSF to advantage and use it to eliminate stray light from the host star. As part of the detection process, we obtain a spectrum over the wavelength range, 750 nm to 1 micron, with 9% resolution. The search will be orders of magnitude more sensitive than all previous efforts and should take us to within about an order of magnitude of the Jovian luminosity flux limit.

OBSERVING DESCRIPTION

We use the medium band ramp filter LR914M to accumulate a series of monochromatic ACS/HRC coronagraphic images with the Aberrated Beam Coronagraph.

The data are processed to remove stray light from the host star by resampling the spatial scale in inverse proportion to wavelength, fitting a low-order polynomial at each position in the resampled datacube and reassembling the fit-subtracted datacube back to its original scale. Averaging the resulting set of images provides our detection image, while the separate images provide some

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spectral information.

Proposal 10431 - Visit 01 - A Search for Faint Companions of Altair

Thu Jul 14 01:06:35 GMT 2005

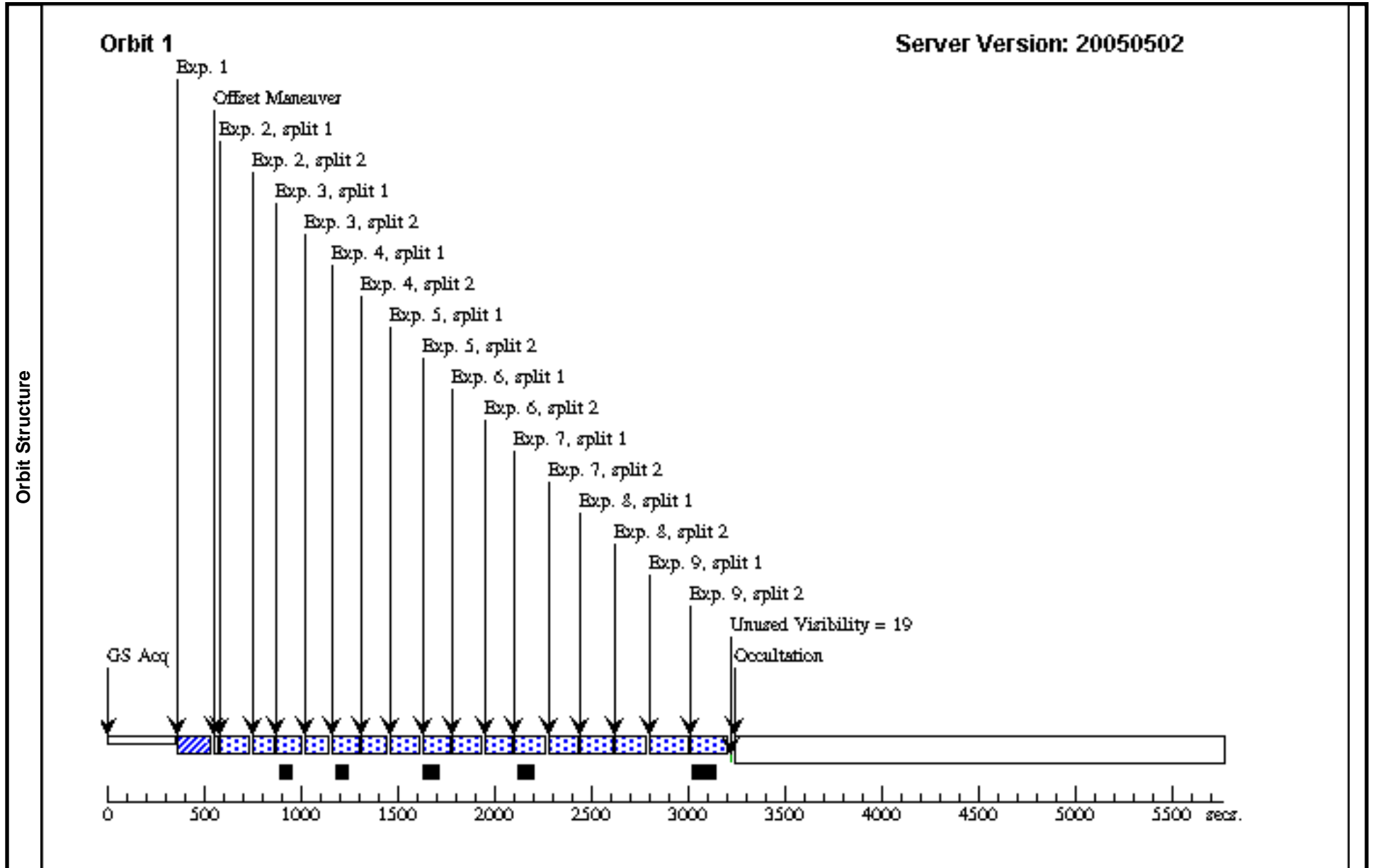
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Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	ALTAIR	RA: 19 50 46.6800 (297.6945000d) Dec: +08 52 2.60 (8.86739d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: 0.03622s/yr Proper Motion Dec: 0.38554"/yr Parallax: 0.19444" Epoch of Position: 1991.25	V=0.77	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1	(1) ALTAIR	ACS/HRC, ACQ, HRC-ACQ	F220W F606W				4.0 Secs [==>]	[1]
	2		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 A		147.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	3		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 A		168.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 A		189.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	5		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 A		204.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	6		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 A		210.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	7		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 A		222.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	8		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 A		246.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]

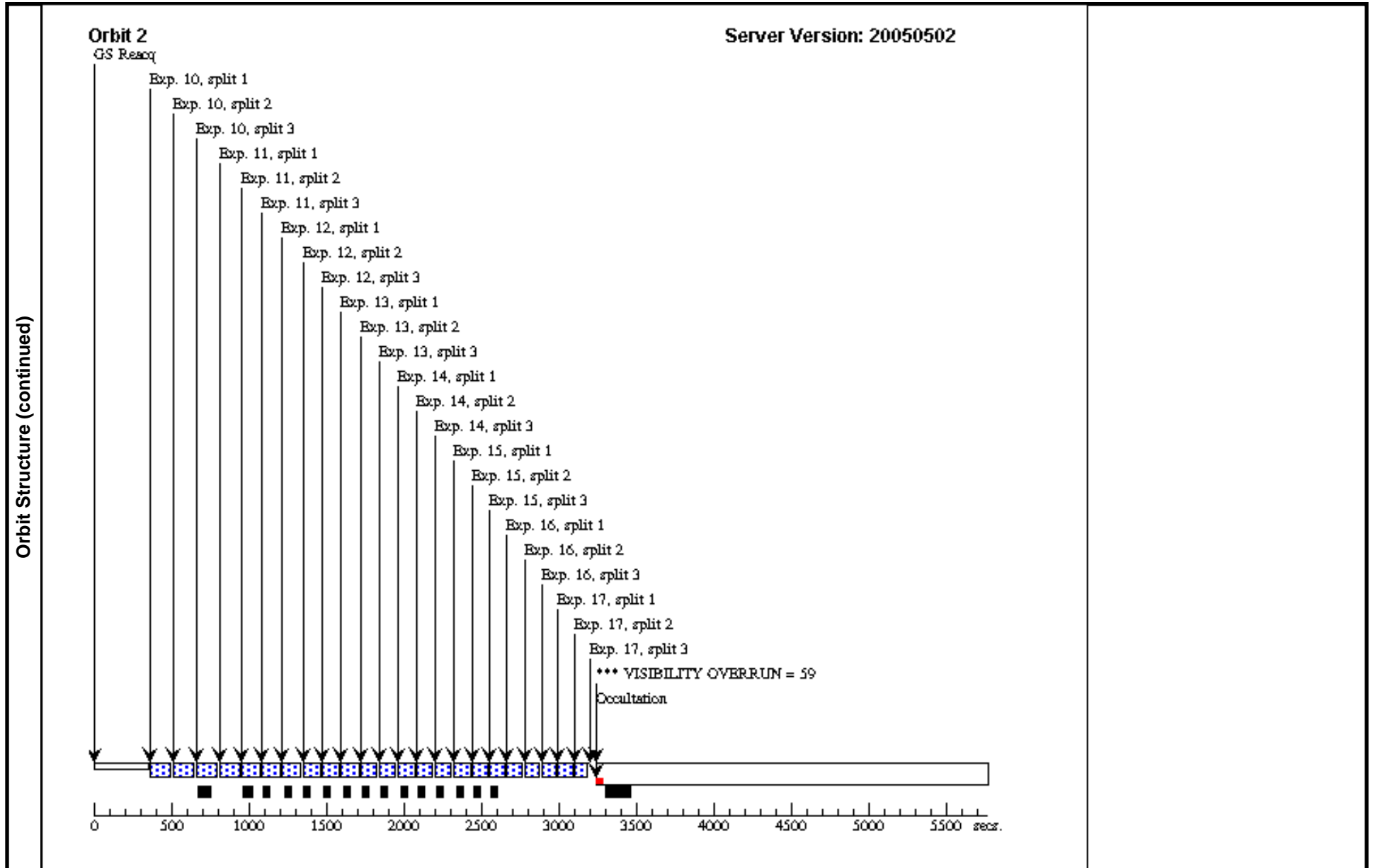
Proposal 10431 - Visit 01 - A Search for Faint Companions of Altair

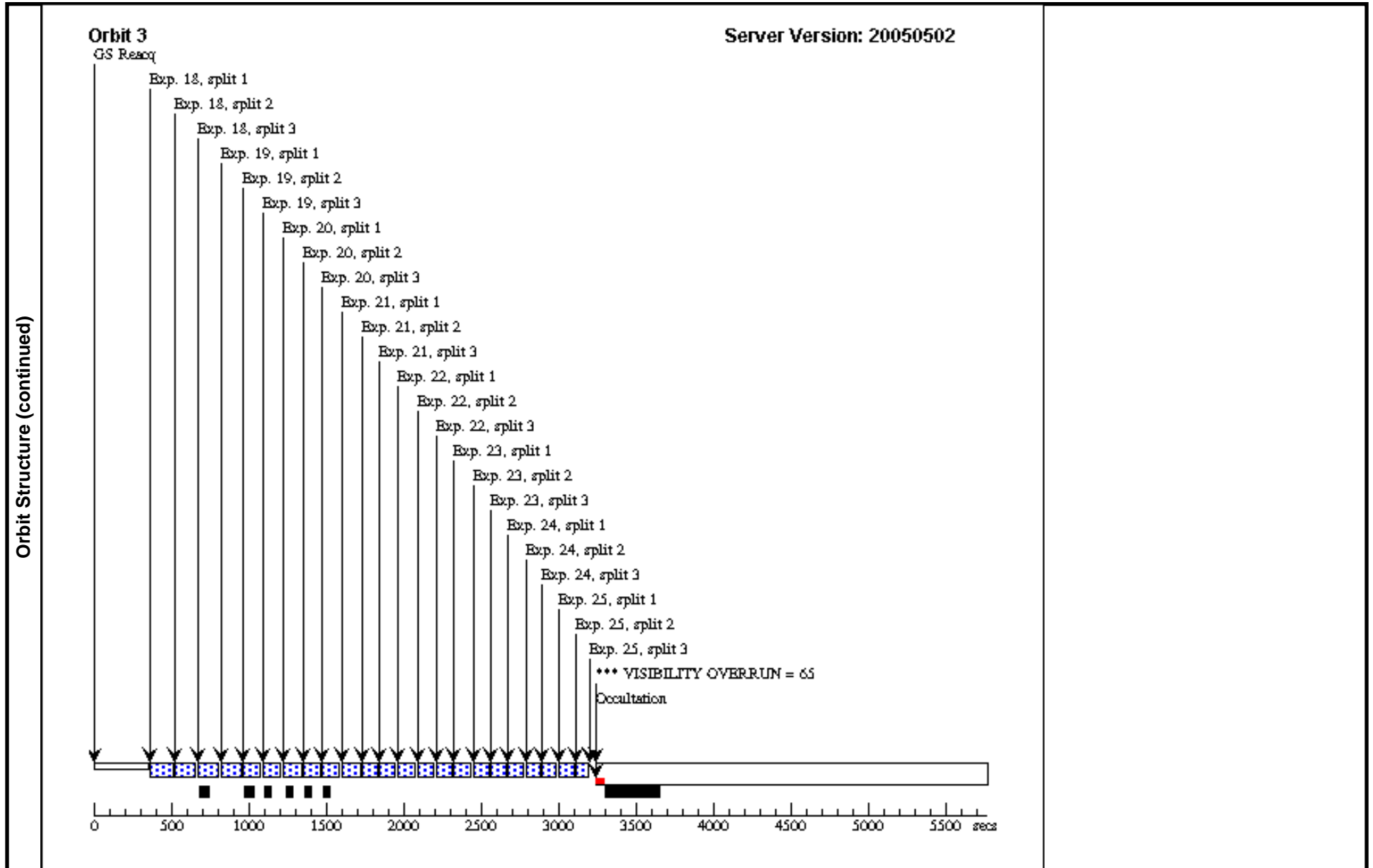
Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	9	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 A	306.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]		
	10	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 A	294.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	11	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 A	237.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	12	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 A	213.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	13	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 A	201.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	14	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 A	195.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	15	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 A	183.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	16	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 A	162.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	17	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 A	141.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		

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#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures (continued)	18	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 A		291.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	19	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 A		234.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	20	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 A		213.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	21	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 A		201.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	22	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 A		195.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	23	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 A		183.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	24	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 A		162.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	25	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 A		141.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]







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Thu Jul 14 01:06:39 GMT 2005

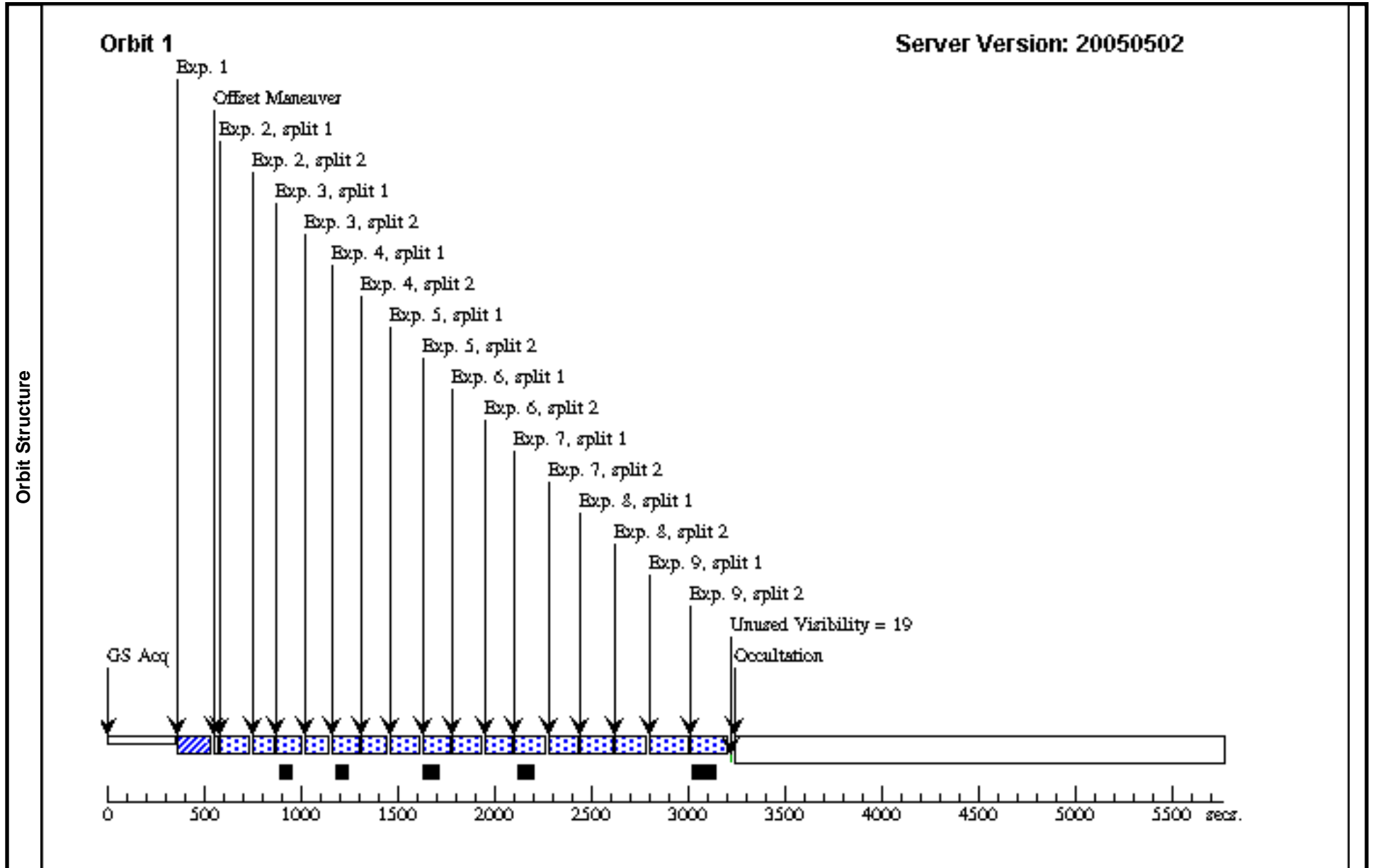
Visit	Proposal 10431, Visit 02 Diagnostic Status: Warning Scientific Instruments: ACS/HRC Special Requirements: SAME ORIENT AS 01									
	Diagnostics	(Visit 02) Warning: VISIBILITY OVERRUN (Visit 02) Warning: VISIBILITY OVERRUN								
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	ALTAIR	RA: 19 50 46.6800 (297.6945000d) Dec: +08 52 2.60 (8.86739d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: 0.03622s/yr Proper Motion Dec: 0.38554"/yr Parallax: 0.19444" Epoch of Position: 1991.25	V=0.77	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1	(1) ALTAIR	ACS/HRC, ACQ, HRC-ACQ	F220W F606W				4.0 Secs [==>]	[1]
	2		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 B		147.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	3		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 B		168.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 B		189.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	5		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 B		204.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	6		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 B		210.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	7		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 B		222.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	8		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 B		246.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]

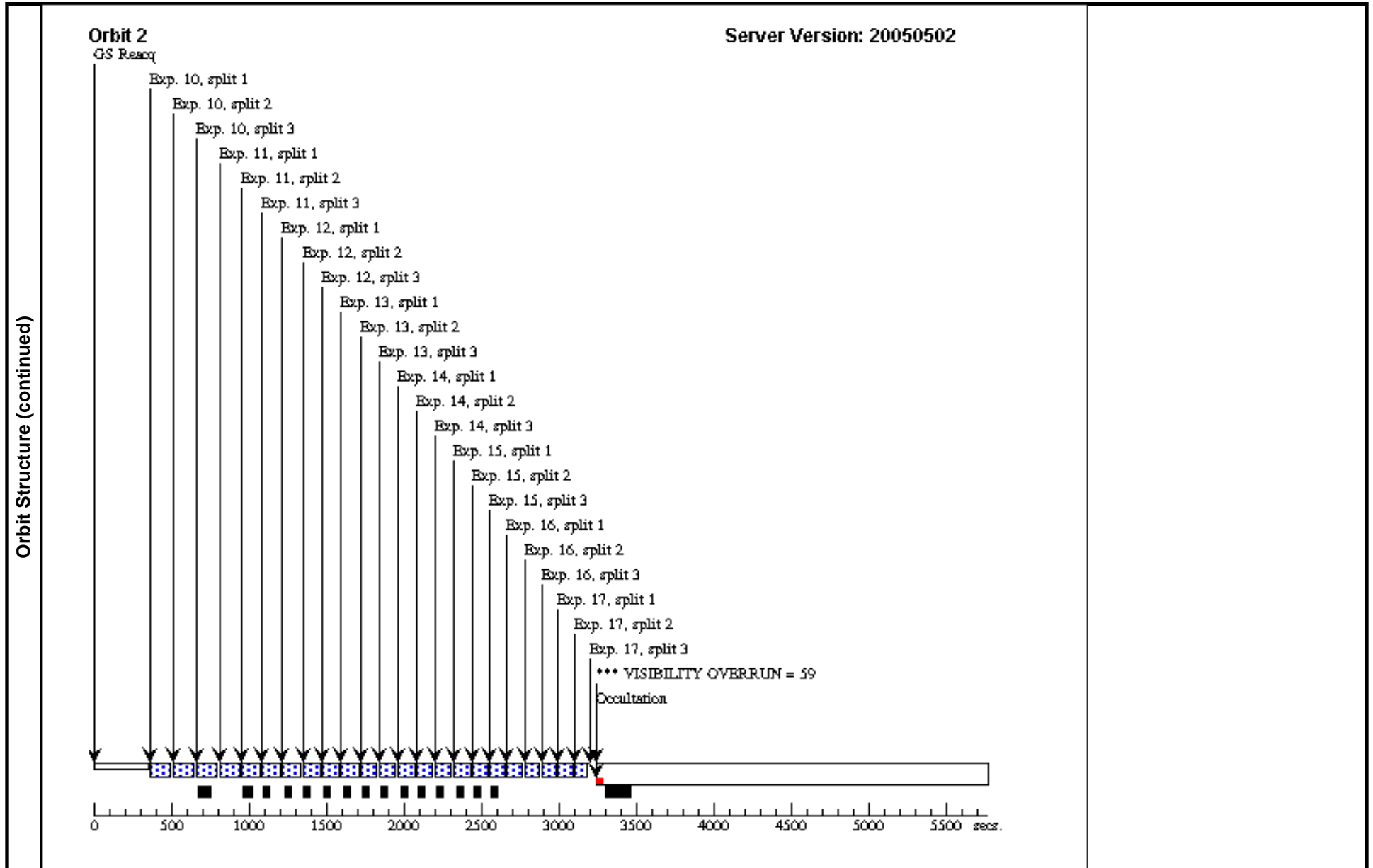
Proposal 10431 - Visit 02 - A Search for Faint Companions of Altair

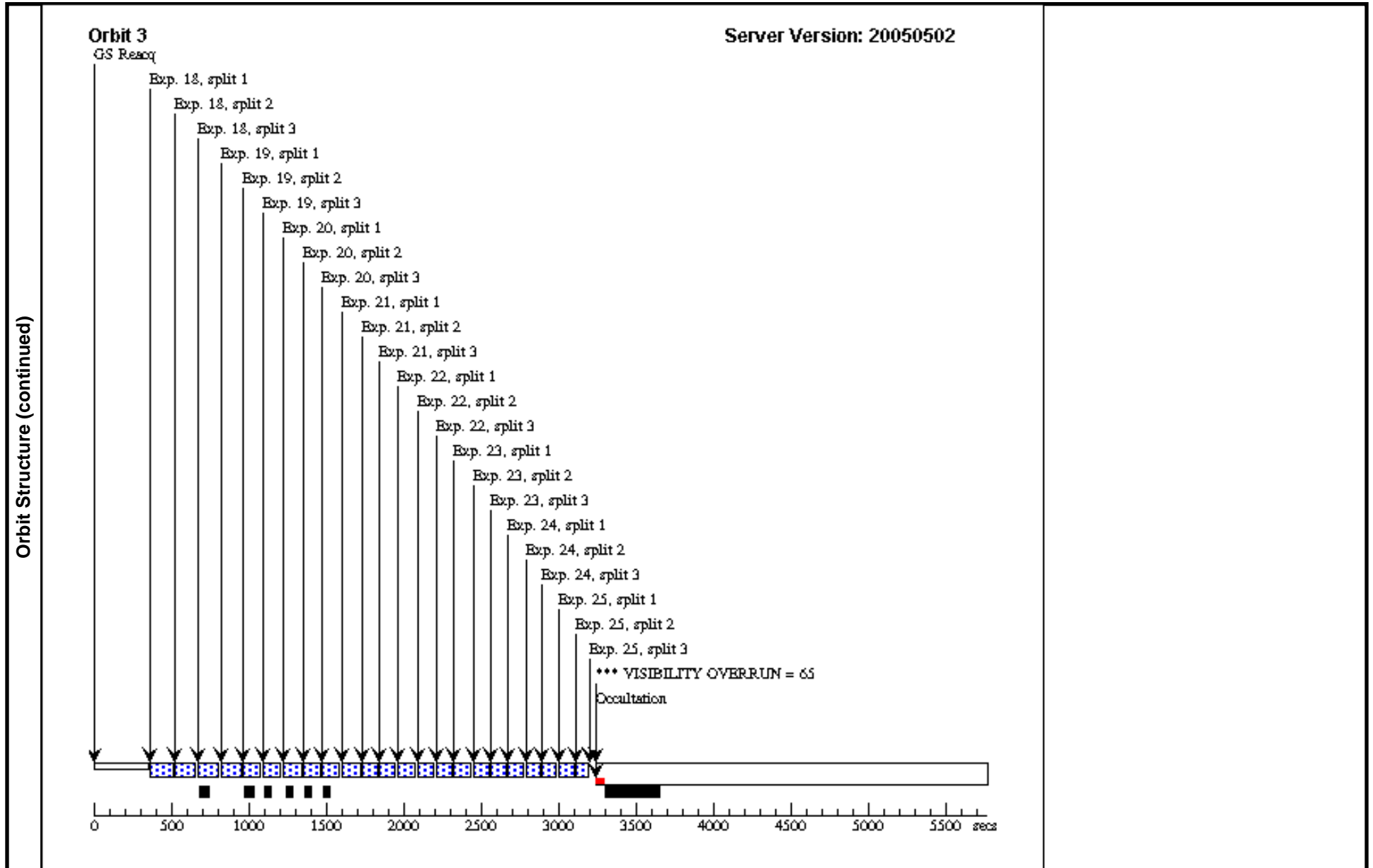
Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	9	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 B	306.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]		
	10	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 B	294.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	11	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 B	237.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	12	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 B	213.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	13	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 B	201.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	14	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 B	195.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	15	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 B	183.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	16	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 B	162.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	17	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 B	141.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		

Proposal 10431 - Visit 02 - A Search for Faint Companions of Altair

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures (continued)	18	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 B		291.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	19	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 B		234.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	20	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 B		213.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	21	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 B		201.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	22	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 B		195.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	23	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 B		183.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	24	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 B		162.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	25	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 B		141.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]







Proposal 10431 - Visit 03 - A Search for Faint Companions of Altair

Thu Jul 14 01:06:42 GMT 2005

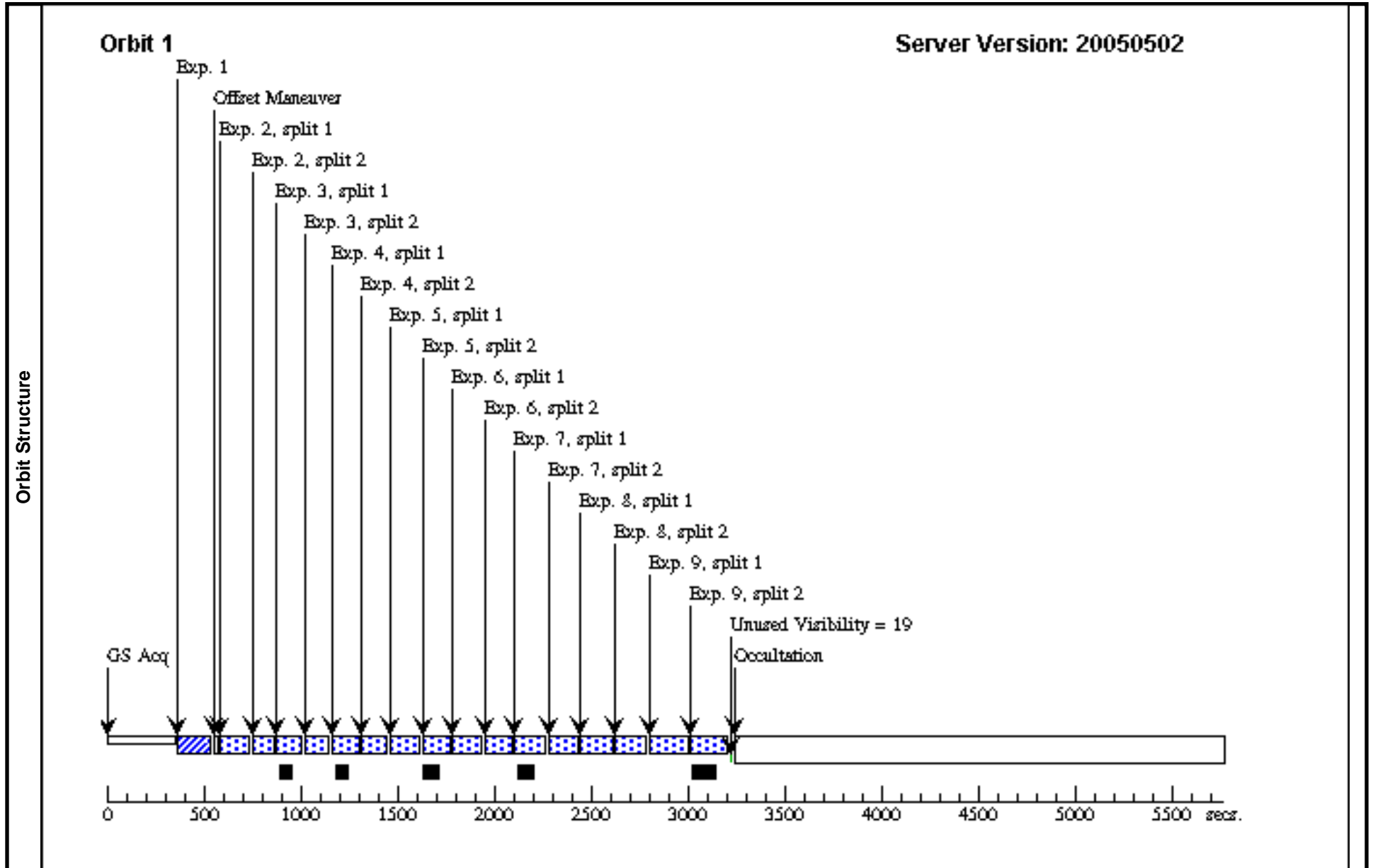
Visit	Proposal 10431, Visit 03 Diagnostic Status: Warning Scientific Instruments: ACS/HRC Special Requirements: ORIENT 10.0D TO 30.0D FROM 01									
	Diagnostics	(Visit 03) Warning: VISIBILITY OVERRUN (Visit 03) Warning: VISIBILITY OVERRUN								
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1) ALTAIR RA: 19 50 46.6800 (297.6945000d) Dec: +08 52 2.60 (8.86739d) Equinox: J2000 Plate Id: (?) Proper Motion RA: 0.03622s/yr Proper Motion Dec: 0.38554"/yr Parallax: 0.19444" Epoch of Position: 1991.25 V=0.77 Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1	(1) ALTAIR	ACS/HRC, ACQ, HRC-ACQ	F220W F606W				4.0 Secs [==>]	[1]
	2		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 C		147.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	3		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 C		168.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 C		189.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	5		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 C		204.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	6		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 C		210.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	7		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 C		222.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	8		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 C		246.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]

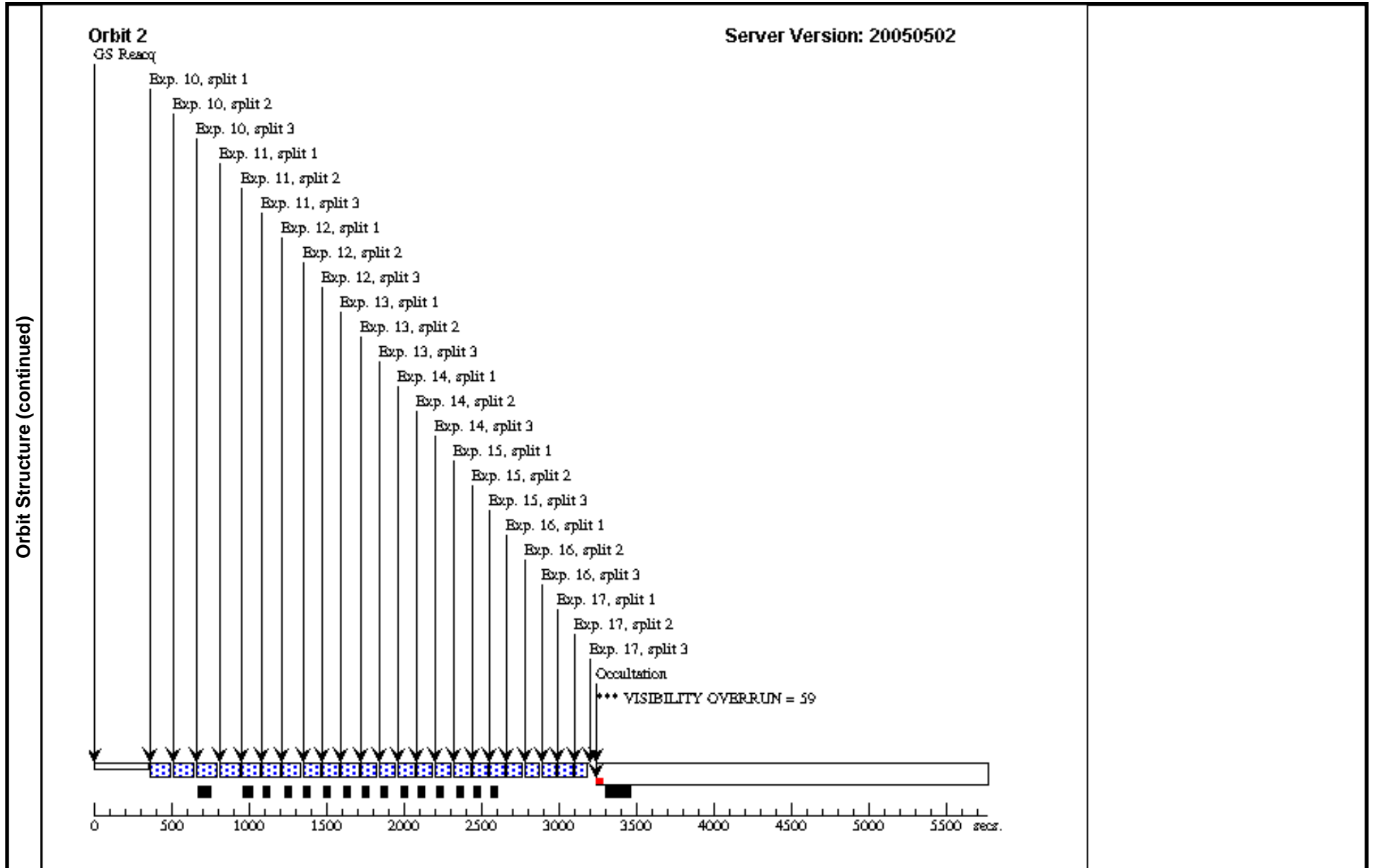
Proposal 10431 - Visit 03 - A Search for Faint Companions of Altair

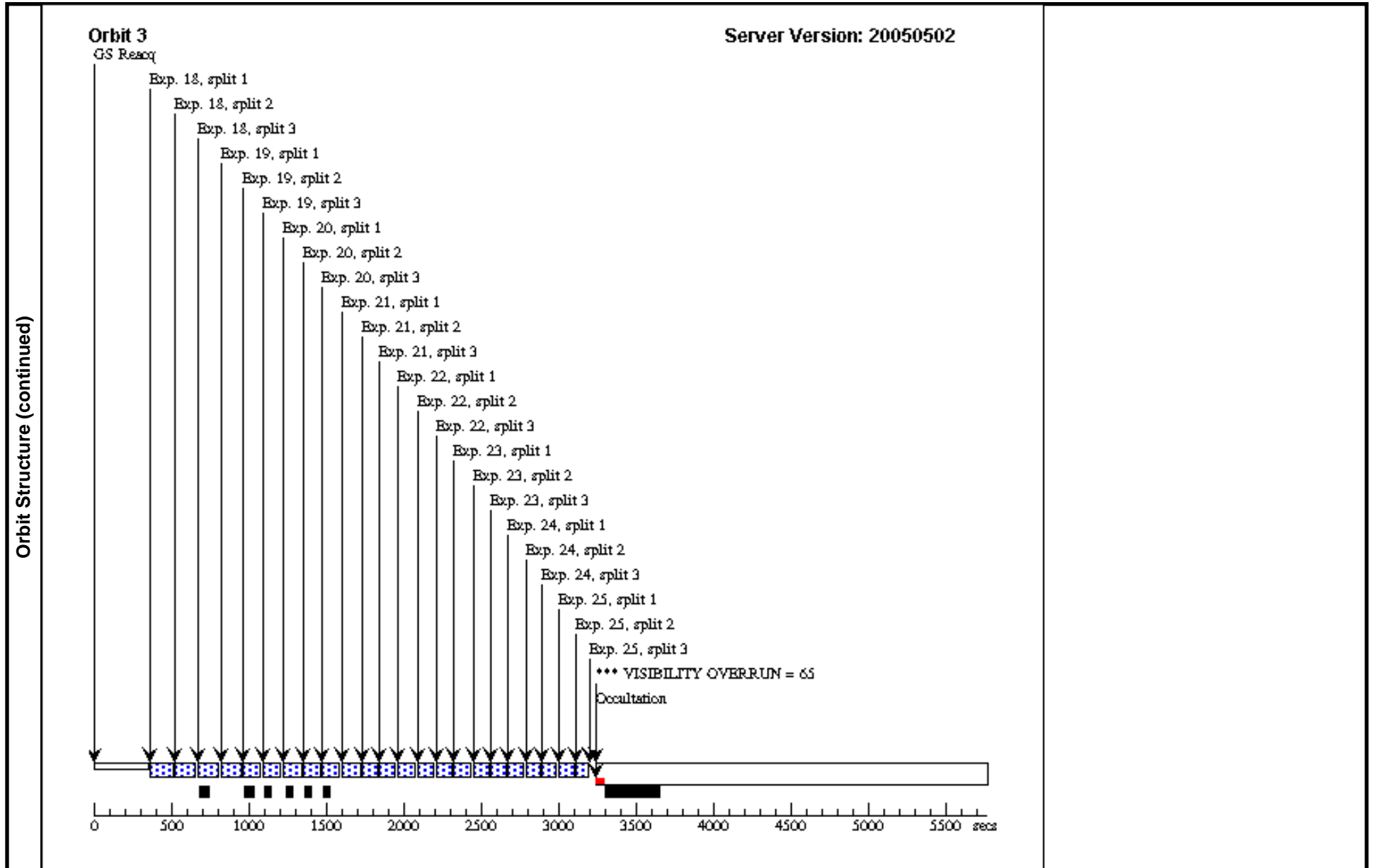
Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	9	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 C	306.0 Secs [==>(Split 1)] [==>(Split 2)]		[1]	
	10	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 C	294.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]		[2]	
	11	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 C	237.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]		[2]	
	12	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 C	213.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]		[2]	
	13	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 C	201.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]		[2]	
	14	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 C	195.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]		[2]	
	15	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 C	183.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]		[2]	
	16	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 C	162.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]		[2]	
	17	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 C	141.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]		[2]	

Proposal 10431 - Visit 03 - A Search for Faint Companions of Altair

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	18	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 C		291.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	19	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 C		234.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	20	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 C		213.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	21	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 C		201.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	22	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 C		195.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	23	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 C		183.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	24	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 C		162.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	25	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 C		141.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]







Proposal 10431 - Visit 04 - A Search for Faint Companions of Altair

Thu Jul 14 01:06:44 GMT 2005

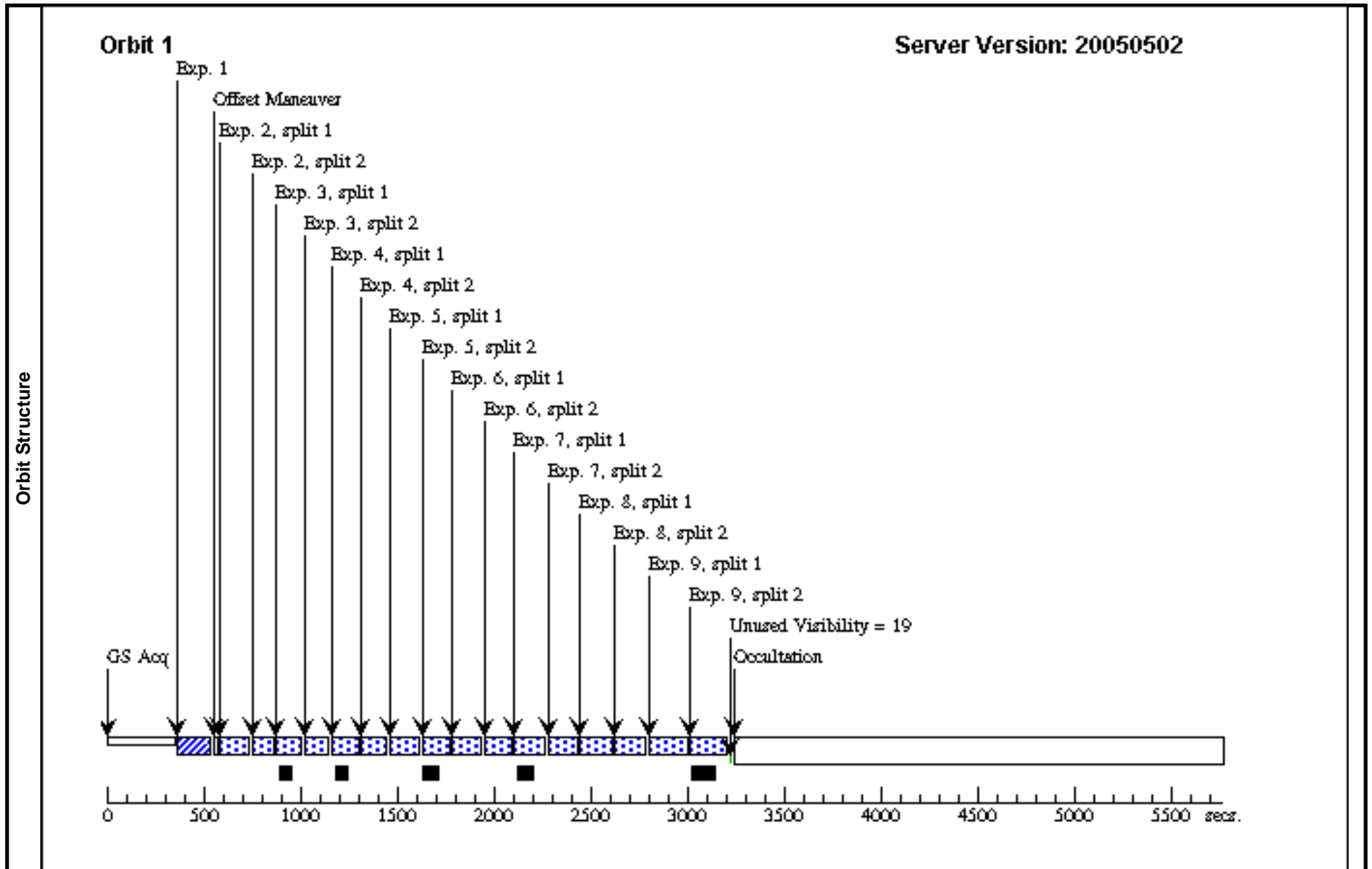
Visit	Proposal 10431, Visit 04 Diagnostic Status: Warning Scientific Instruments: ACS/HRC Special Requirements: SAME ORIENT AS 03									
	(Visit 04) Warning: VISIBILITY OVERRUN (Visit 04) Warning: VISIBILITY OVERRUN									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	ALTAIR	RA: 19 50 46.6800 (297.6945000d) Dec: +08 52 2.60 (8.86739d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: 0.03622s/yr Proper Motion Dec: 0.38554"/yr Parallax: 0.19444" Epoch of Position: 1991.25	V=0.77	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1	(1) ALTAIR	ACS/HRC, ACQ, HRC-ACQ	F220W F606W				4.0 Secs [==>]	[1]
	2		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 D		147.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	3		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 D		168.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 D		189.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	5		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 D		204.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	6		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 D		210.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	7		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 D		222.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	8		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 D		246.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]

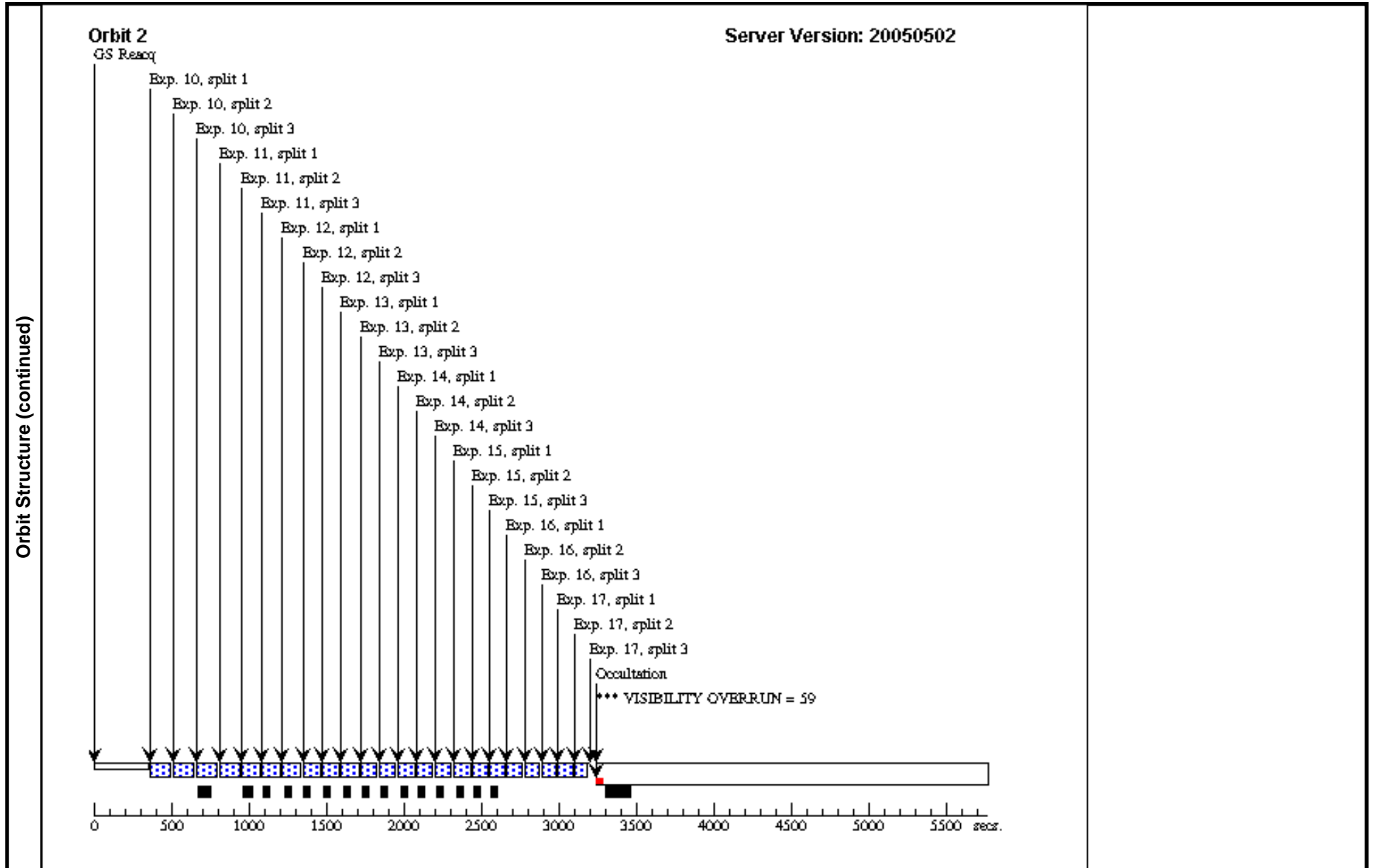
Proposal 10431 - Visit 04 - A Search for Faint Companions of Altair

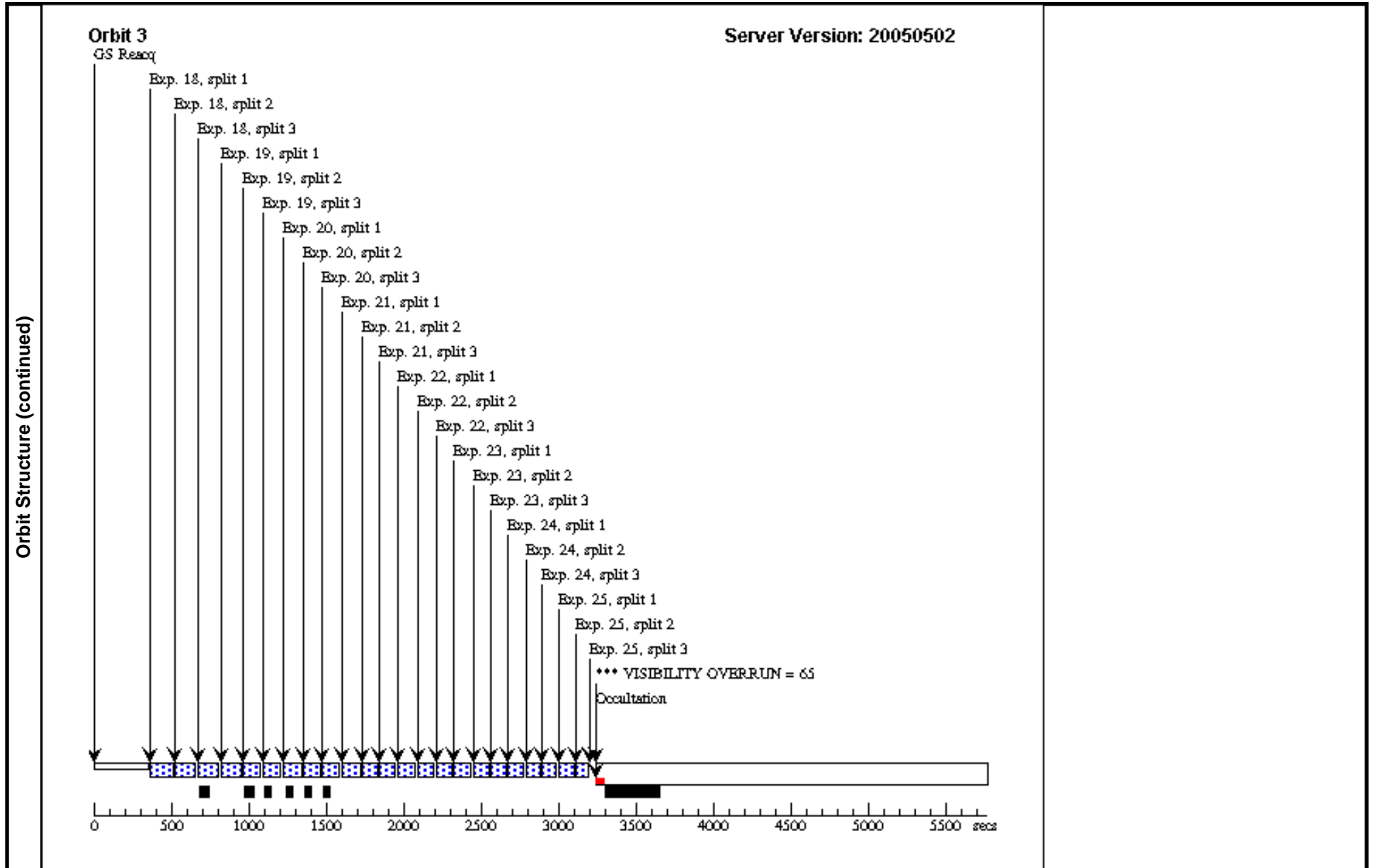
Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	9	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 D	306.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]		
	10	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 D	294.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	11	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 D	237.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	12	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 D	213.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	13	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 D	201.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	14	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 D	195.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	15	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 D	183.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	16	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 D	162.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	17	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 D	141.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		

Proposal 10431 - Visit 04 - A Search for Faint Companions of Altair

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures (continued)	18	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 D		291.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	19	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 D		234.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	20	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 D		213.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	21	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 D		201.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	22	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 D		195.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	23	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 D		183.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	24	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 D		162.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	25	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 D		141.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]







Proposal 10431 - Visit 05 - A Search for Faint Companions of Altair

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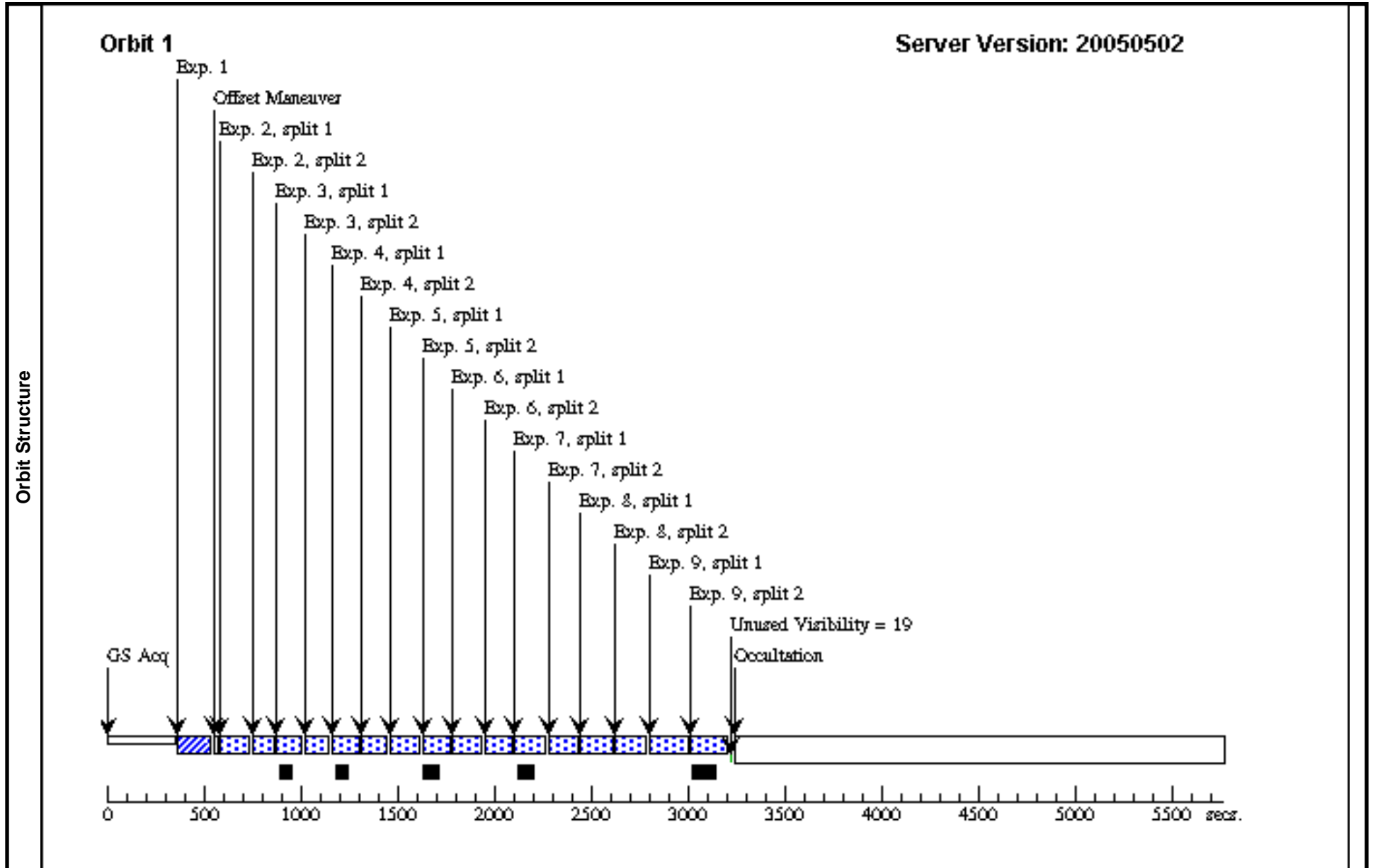
Visit	Proposal 10431, Visit 05 Diagnostic Status: Warning Scientific Instruments: ACS/HRC Special Requirements: AFTER 01 BY 60 D TO 180 D; GROUP 05,06,07,08 WITHIN 14.0D									
	Diagnostics	(Visit 05) Warning: VISIBILITY OVERRUN (Visit 05) Warning: VISIBILITY OVERRUN								
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1) ALTAIR RA: 19 50 46.6800 (297.6945000d) Dec: +08 52 2.60 (8.86739d) Equinox: J2000 Plate Id: (?) Proper Motion RA: 0.03622s/yr Proper Motion Dec: 0.38554"/yr Parallax: 0.19444" Epoch of Position: 1991.25 V=0.77 Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1	(1) ALTAIR	ACS/HRC, ACQ, HRC-ACQ	F220W F606W				4.0 Secs [==>]	[1]
	2		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 E		147.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	3		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 E		168.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 E		189.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	5		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 E		204.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	6		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 E		210.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	7		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 E		222.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	8		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 E		246.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]

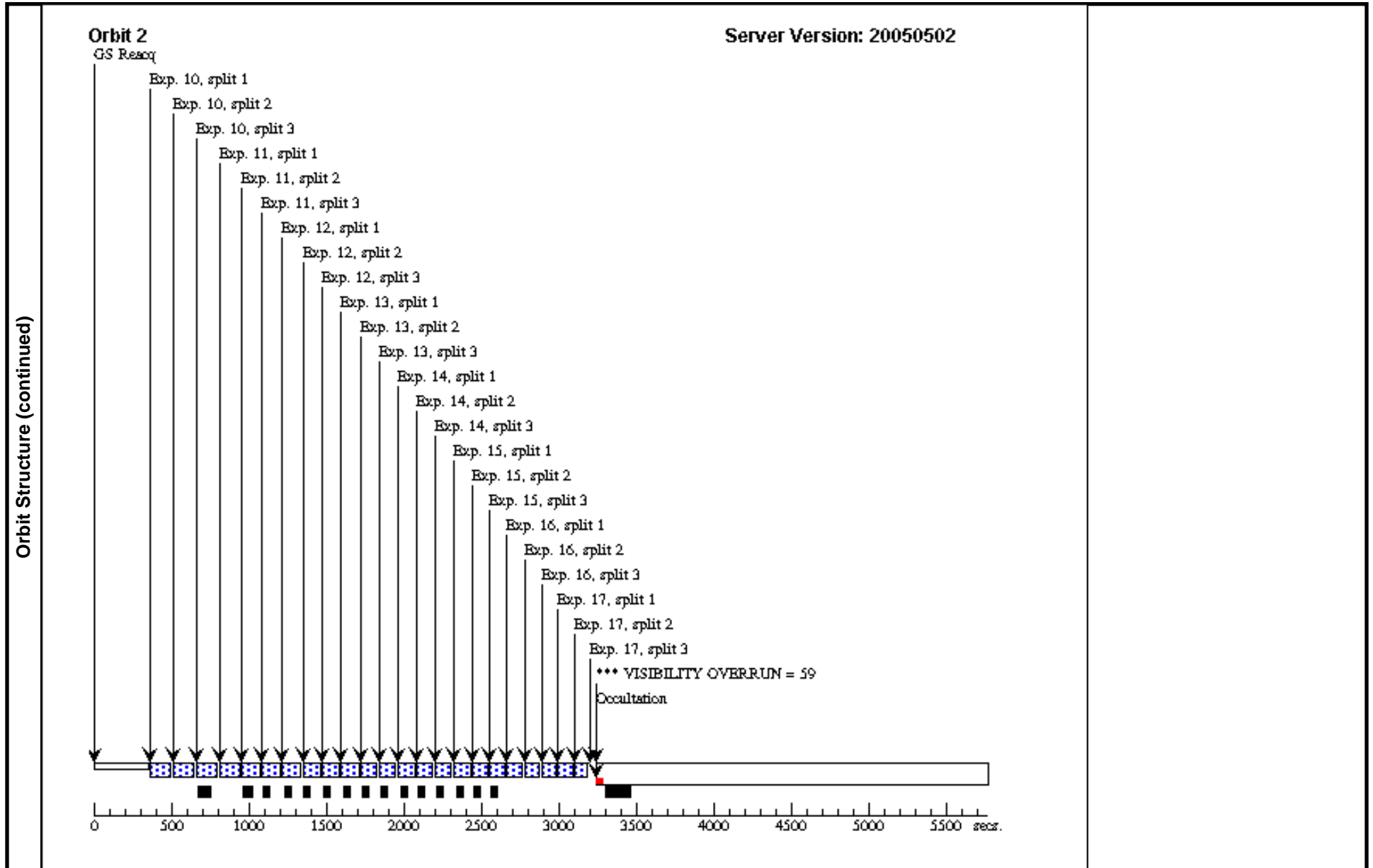
Proposal 10431 - Visit 05 - A Search for Faint Companions of Altair

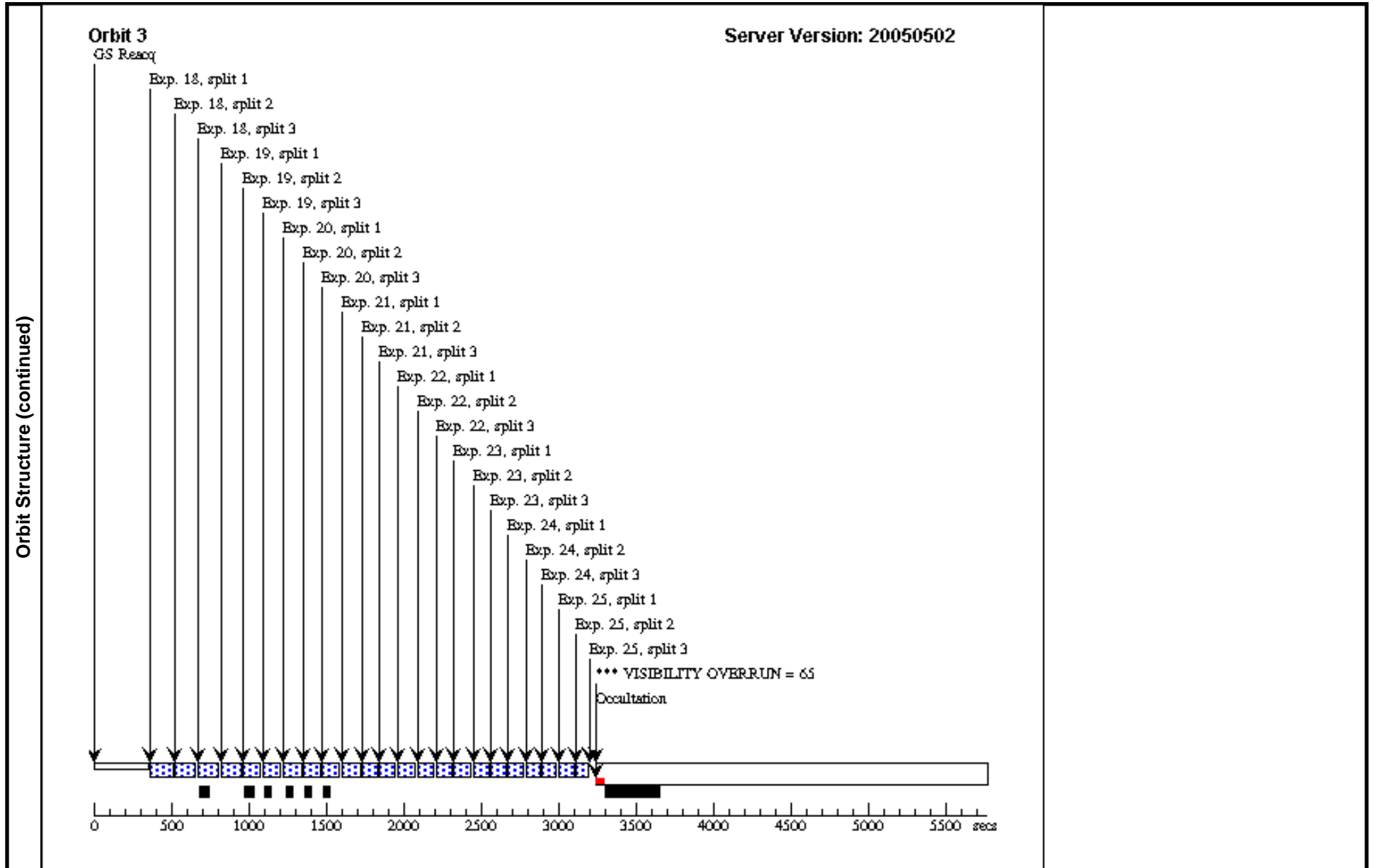
Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	9	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 E		306.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	10	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 E		294.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]
	11	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 E		237.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]
	12	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 E		213.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]
	13	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 E		201.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]
	14	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 E		195.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]
	15	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 E		183.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]
	16	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 E		162.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]
	17	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 E		141.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]

Proposal 10431 - Visit 05 - A Search for Faint Companions of Altair

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures (continued)	18	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 E		291.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	19	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 E		234.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	20	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 E		213.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	21	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 E		201.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	22	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 E		195.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	23	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 E		183.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	24	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 E		162.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	25	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 E		141.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]







Proposal 10431 - Visit 06 - A Search for Faint Companions of Altair

Thu Jul 14 01:06:50 GMT 2005

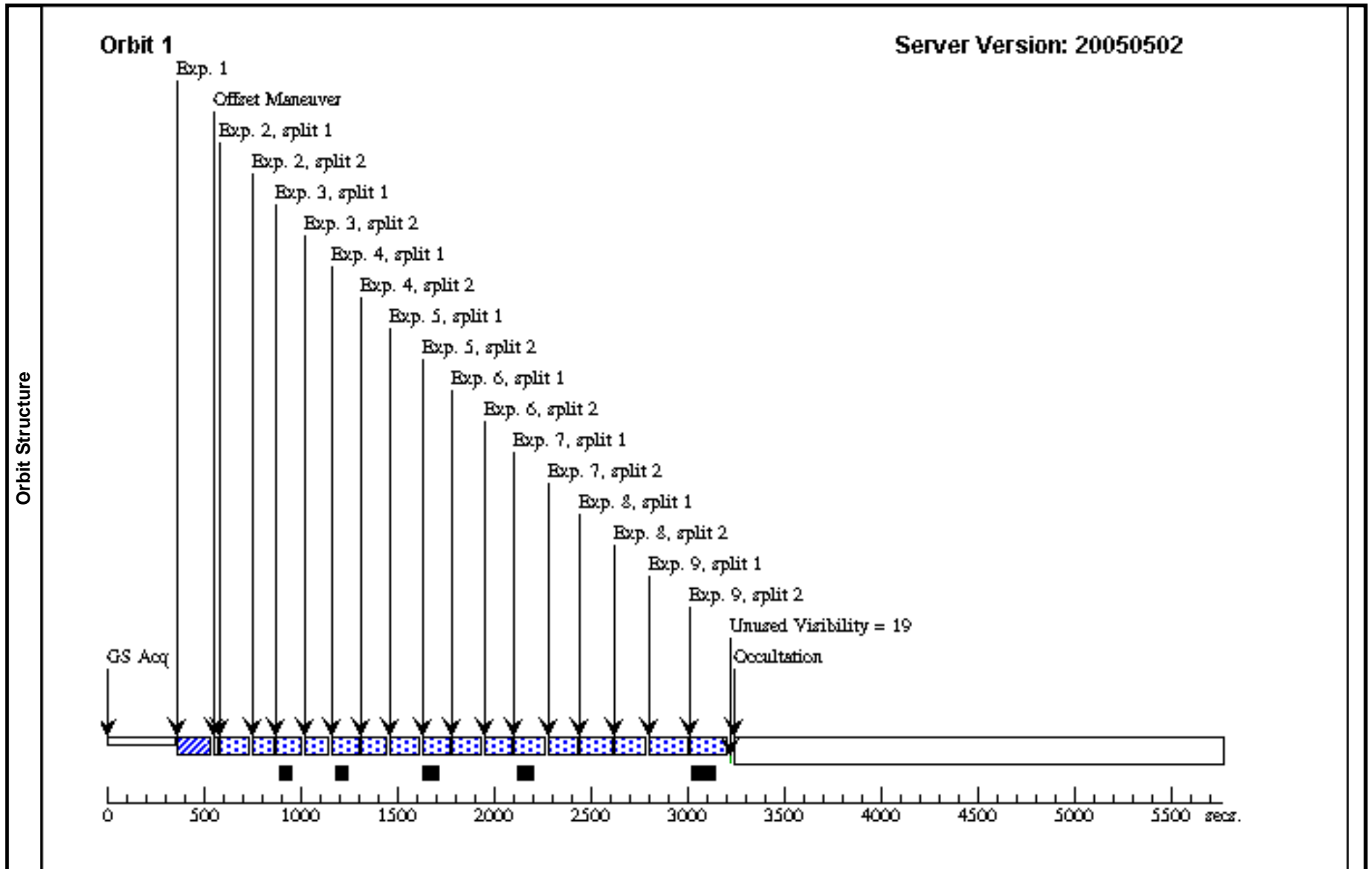
Visit	Proposal 10431, Visit 06 Diagnostic Status: Warning Scientific Instruments: ACS/HRC Special Requirements: SAME ORIENT AS 05									
	(Visit 06) Warning: VISIBILITY OVERRUN (Visit 06) Warning: VISIBILITY OVERRUN									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	ALTAIR	RA: 19 50 46.6800 (297.6945000d) Dec: +08 52 2.60 (8.86739d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: 0.03622s/yr Proper Motion Dec: 0.38554"/yr Parallax: 0.19444" Epoch of Position: 1991.25	V=0.77	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1	(1) ALTAIR	ACS/HRC, ACQ, HRC-ACQ	F220W F606W				4.0 Secs [==>]	[1]
	2		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 F		147.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	3		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 F		168.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 F		189.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	5		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 F		204.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	6		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 F		210.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	7		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 F		222.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	8		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 F		246.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]

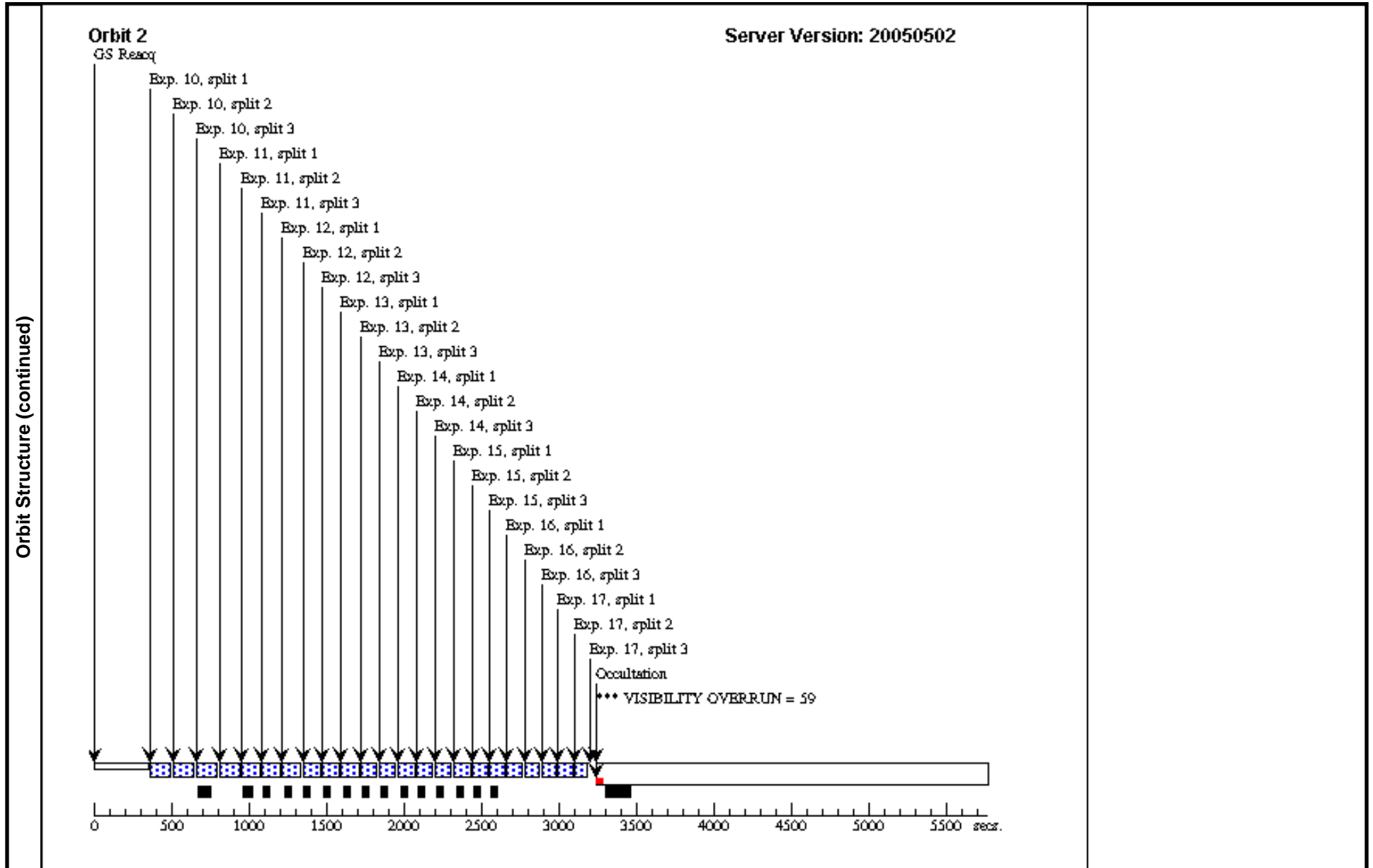
Proposal 10431 - Visit 06 - A Search for Faint Companions of Altair

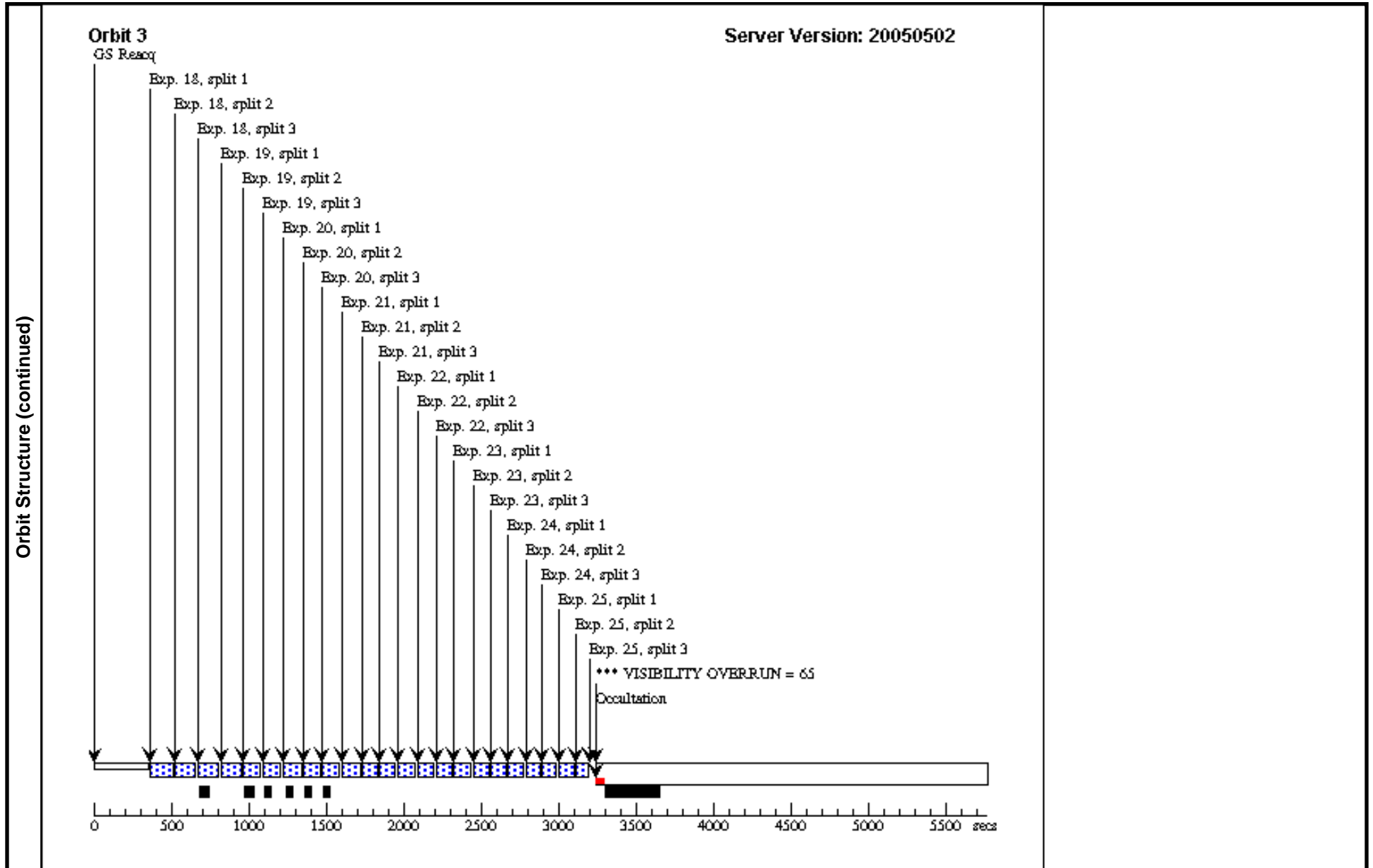
Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	9	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 F	306.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]		
	10	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 F	294.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	11	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 F	237.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	12	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 F	213.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	13	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 F	201.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	14	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 F	195.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	15	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 F	183.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	16	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 F	162.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	17	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 F	141.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		

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Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	18	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 F		291.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	19	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 F		234.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	20	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 F		213.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	21	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 F		201.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	22	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 F		195.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	23	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 F		183.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	24	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 F		162.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	25	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 F		141.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]







Proposal 10431 - Visit 07 - A Search for Faint Companions of Altair

Thu Jul 14 01:06:53 GMT 2005

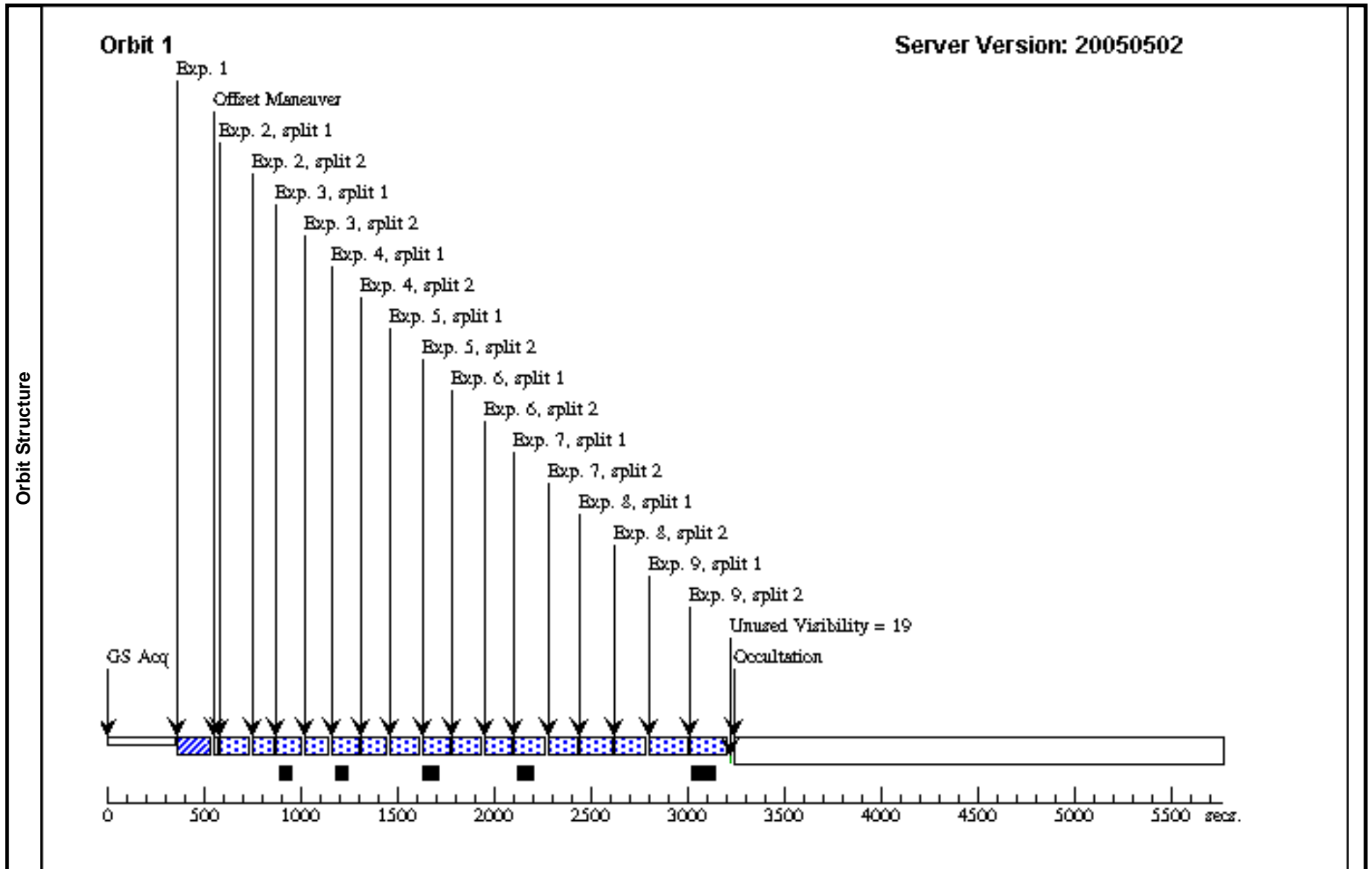
Visit	Proposal 10431, Visit 07 Diagnostic Status: Warning Scientific Instruments: ACS/HRC Special Requirements: ORIENT 10.0D TO 30.0D FROM 05									
	Diagnostics	(Visit 07) Warning: VISIBILITY OVERRUN (Visit 07) Warning: VISIBILITY OVERRUN								
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	ALTAIR	RA: 19 50 46.6800 (297.6945000d) Dec: +08 52 2.60 (8.86739d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: 0.03622s/yr Proper Motion Dec: 0.38554"/yr Parallax: 0.19444" Epoch of Position: 1991.25	V=0.77	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1	(1) ALTAIR	ACS/HRC, ACQ, HRC-ACQ	F220W F606W				4.0 Secs [==>]	[1]
	2		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 G		147.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	3		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 G		168.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 G		189.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	5		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 G		204.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	6		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 G		210.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	7		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 G		222.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	8		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 G		246.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]

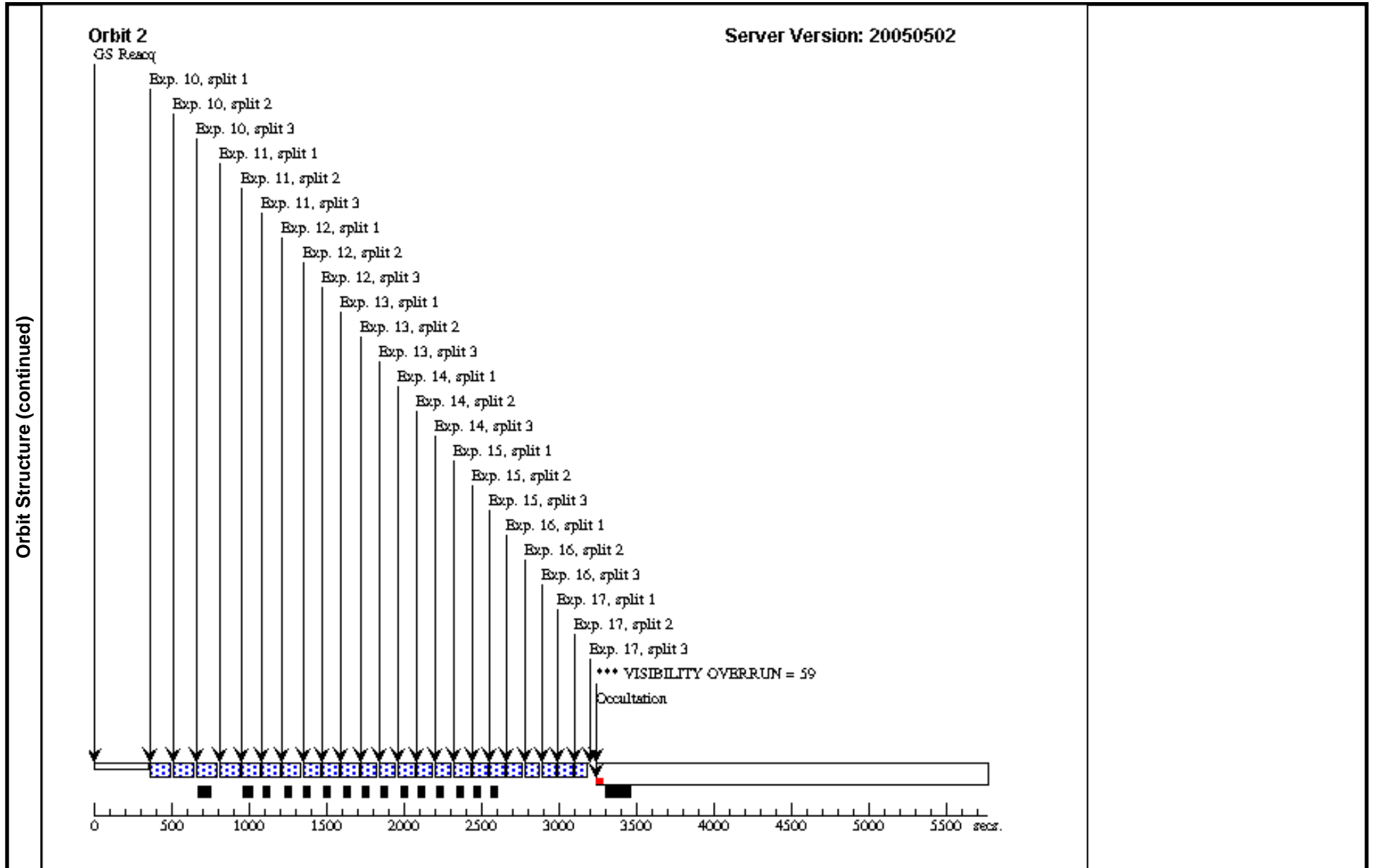
Proposal 10431 - Visit 07 - A Search for Faint Companions of Altair

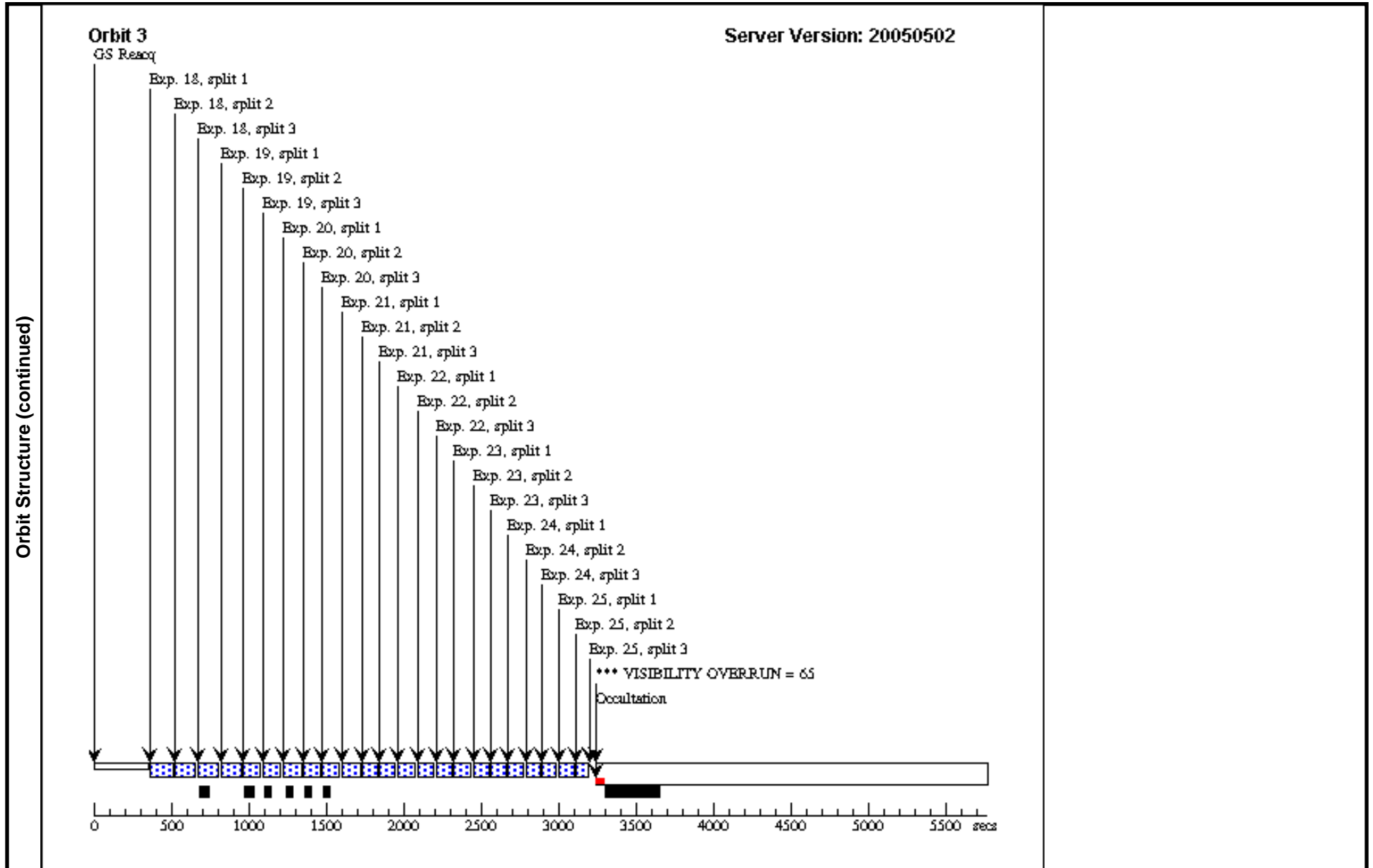
Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	9	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 G	306.0 Secs [==>(Split 1)] [==>(Split 2)]		[1]	
	10	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 G	294.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]		[2]	
	11	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 G	237.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]		[2]	
	12	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 G	213.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]		[2]	
	13	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 G	201.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]		[2]	
	14	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 G	195.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]		[2]	
	15	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 G	183.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]		[2]	
	16	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 G	162.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]		[2]	
	17	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 G	141.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]		[2]	

Proposal 10431 - Visit 07 - A Search for Faint Companions of Altair

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	18	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 G		291.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	19	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 G		234.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	20	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 G		213.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	21	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 G		201.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	22	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 G		195.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	23	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 G		183.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	24	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 G		162.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	25	(1) ALTAIR	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 G		141.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]







Proposal 10431 - Visit 08 - A Search for Faint Companions of Altair

Thu Jul 14 01:06:55 GMT 2005

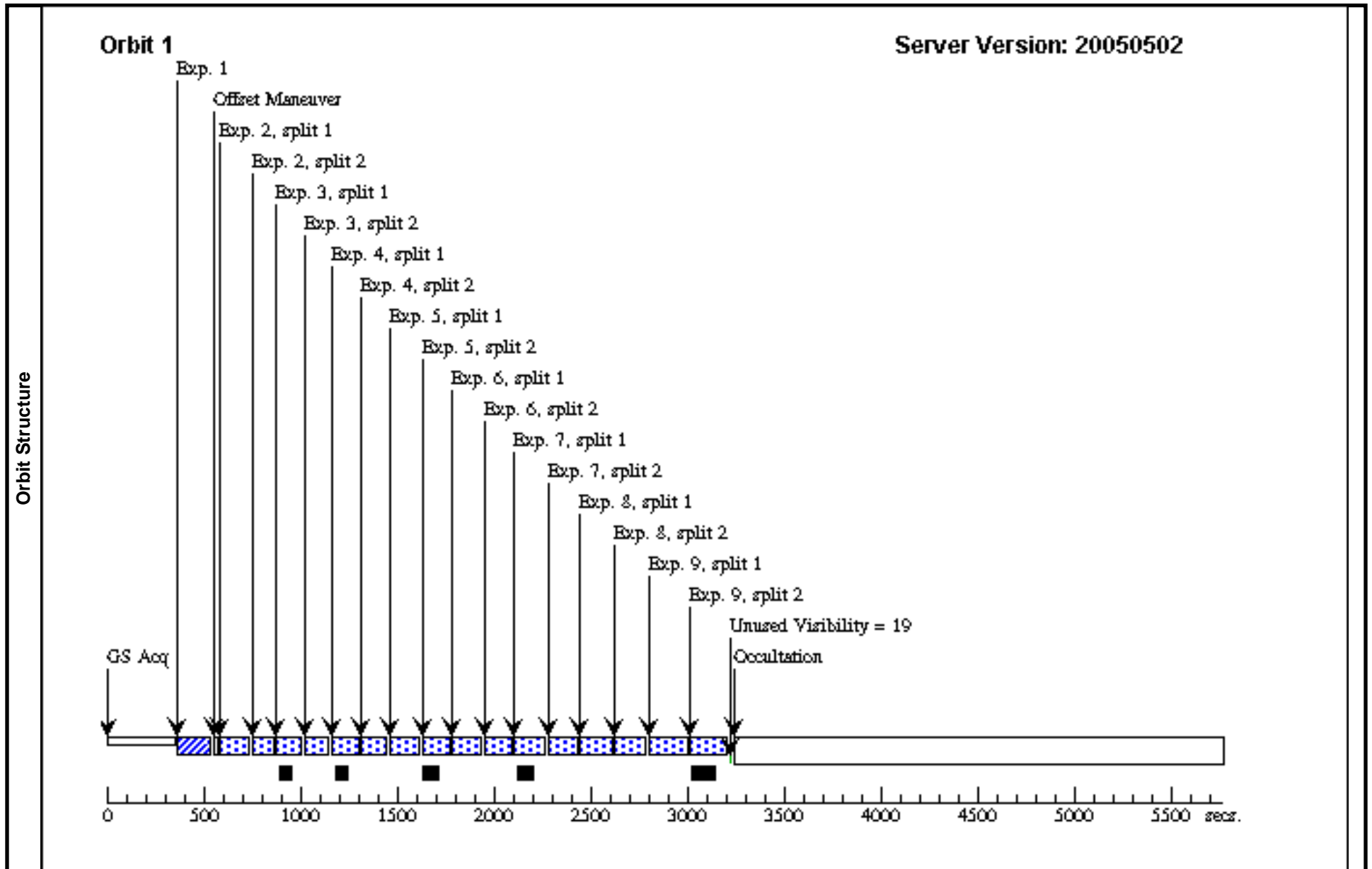
Visit	Proposal 10431, Visit 08 Diagnostic Status: Warning Scientific Instruments: ACS/HRC Special Requirements: SAME ORIENT AS 07									
	Diagnostics	(Visit 08) Warning: VISIBILITY OVERRUN (Visit 08) Warning: VISIBILITY OVERRUN								
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	ALTAIR	RA: 19 50 46.6800 (297.6945000d) Dec: +08 52 2.60 (8.86739d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: 0.03622s/yr Proper Motion Dec: 0.38554"/yr Parallax: 0.19444" Epoch of Position: 1991.25	V=0.77	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1	(1) ALTAIR	ACS/HRC, ACQ, HRC-ACQ	F220W F606W				4.0 Secs [==>]	[1]
	2		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 H		147.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	3		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 H		168.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 H		189.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	5		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 H		204.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	6		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 H		210.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	7		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 H		222.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	8		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 H		246.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]

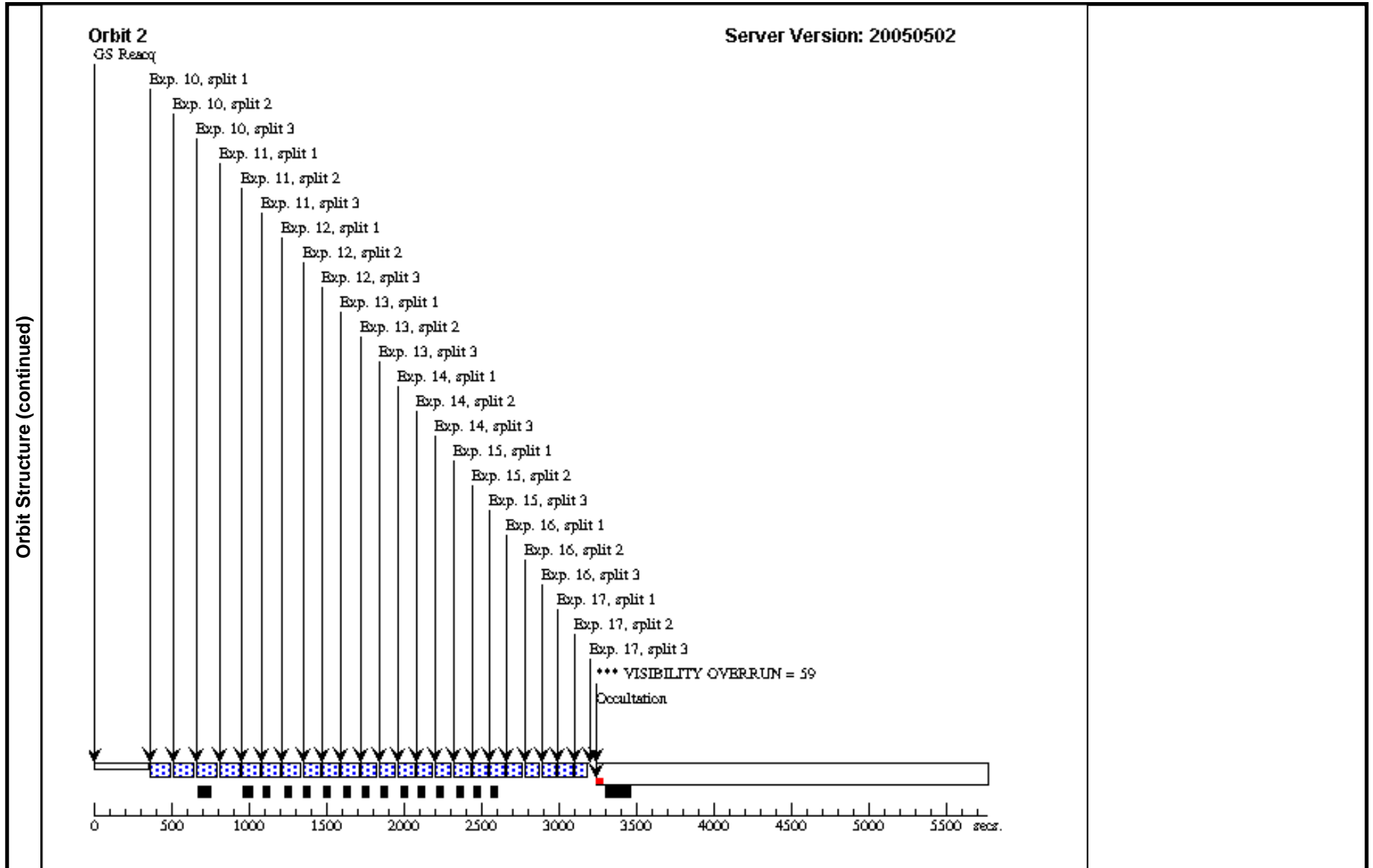
Proposal 10431 - Visit 08 - A Search for Faint Companions of Altair

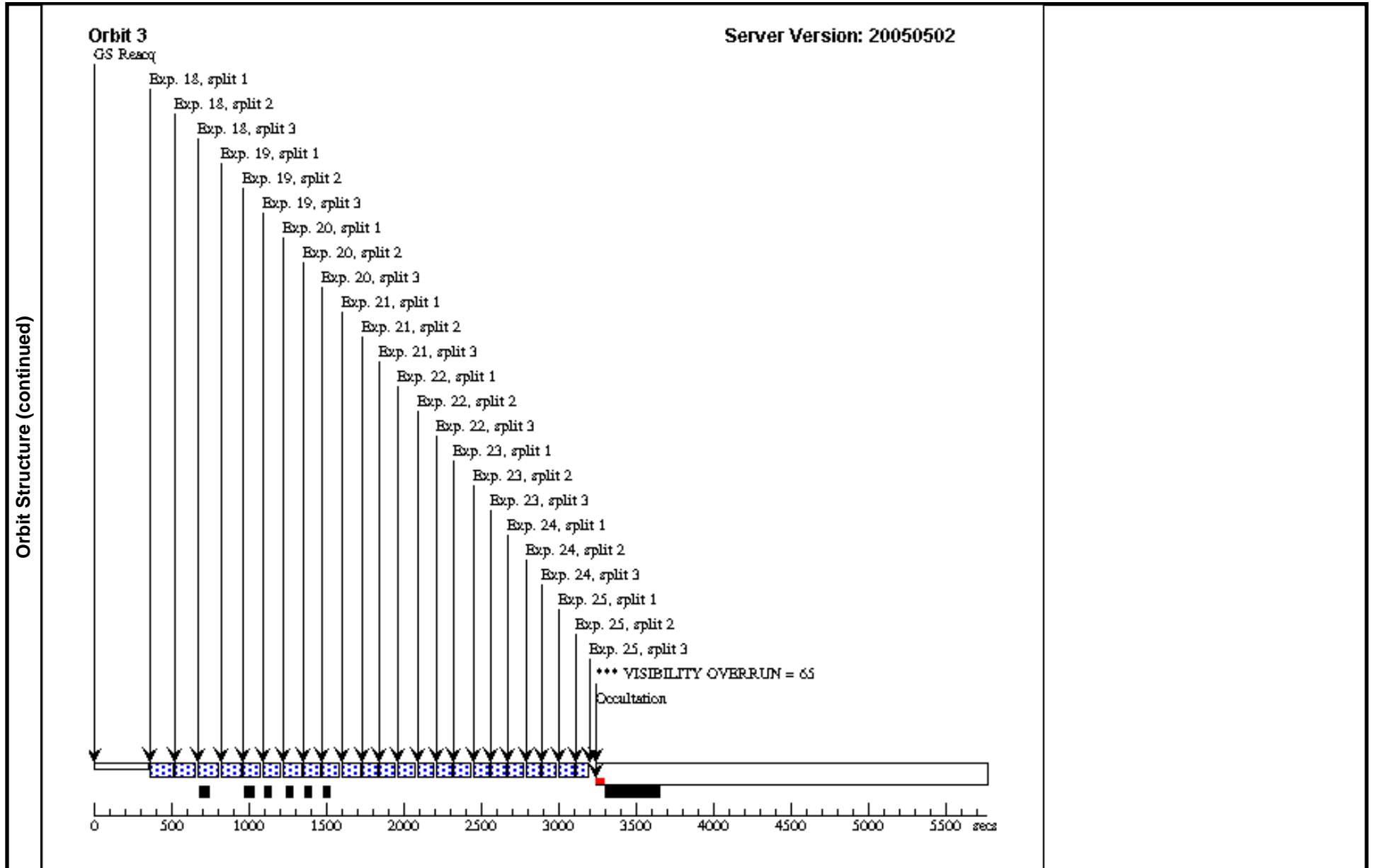
Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	9	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 H		306.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	10	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 H		294.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]
	11	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 H		237.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]
	12	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 H		213.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]
	13	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 H		201.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]
	14	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 H		195.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]
	15	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 H		183.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]
	16	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 H		162.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]
	17	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 H		141.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]

Proposal 10431 - Visit 08 - A Search for Faint Companions of Altair

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures (continued)	18	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 H		291.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	19	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 H		234.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	20	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 H		213.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	21	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 H		201.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	22	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 H		195.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	23	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 H		183.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	24	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 H		162.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	25	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 H		141.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]







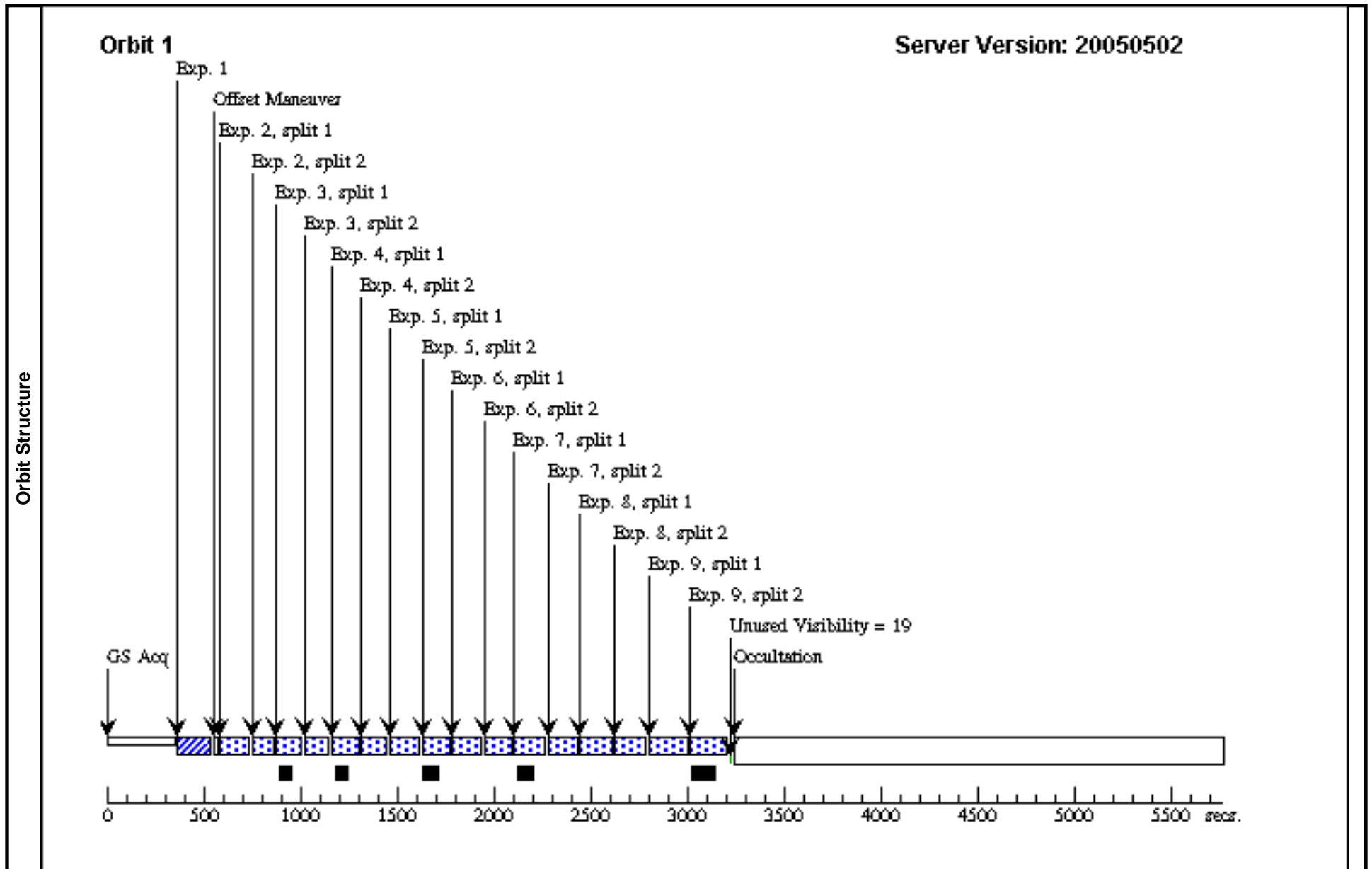
Proposal 10431 - Visit 09 - A Search for Faint Companions of Altair

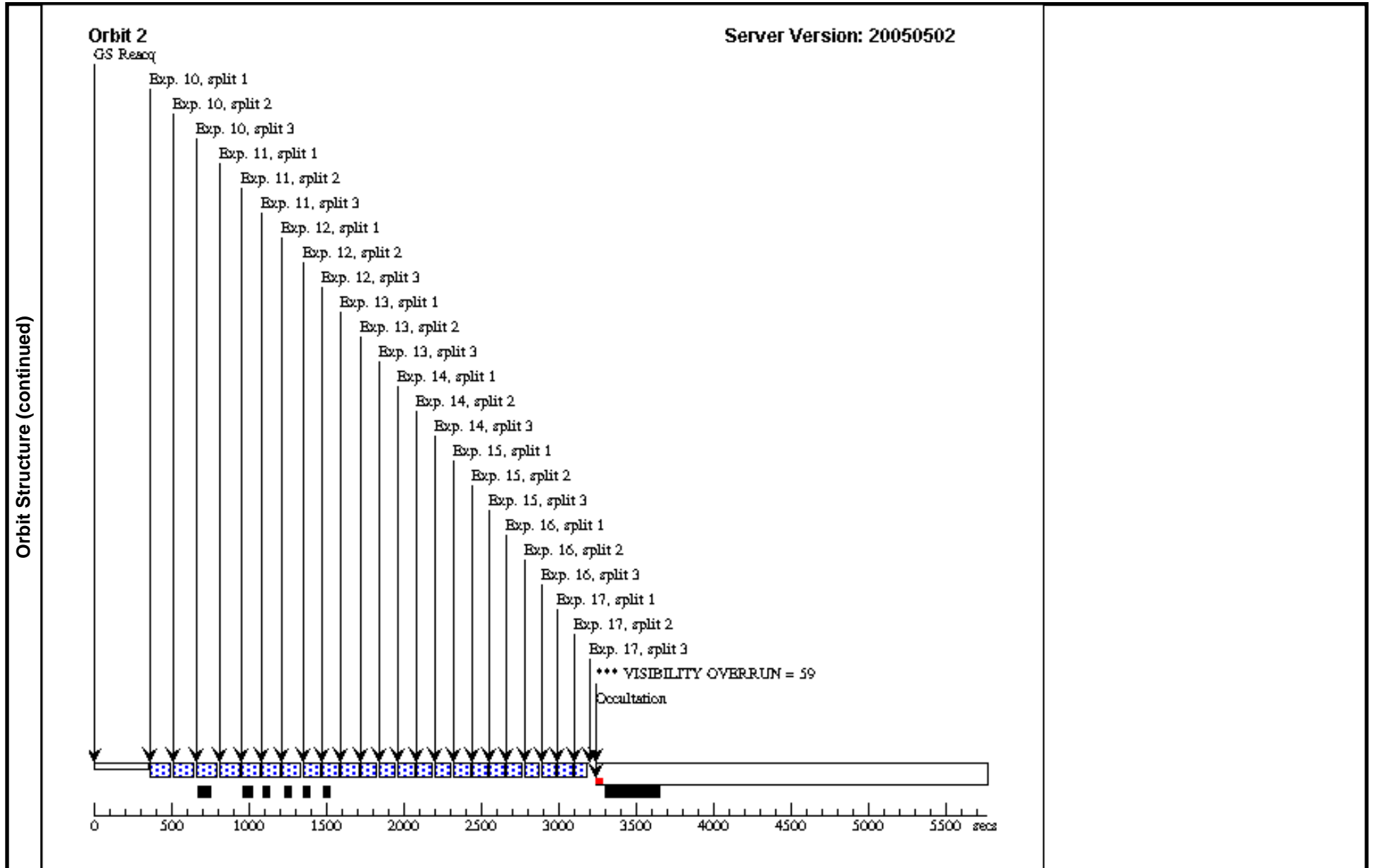
Thu Jul 14 01:06:57 GMT 2005

Visit	Proposal 10431, Visit 09 Diagnostic Status: Warning Scientific Instruments: ACS/HRC Special Requirements: (none)									
	(Visit 09) Warning: VISIBILITY OVERRUN									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	ALTAIR	RA: 19 50 46.6800 (297.6945000d) Dec: +08 52 2.60 (8.86739d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: 0.03622s/yr Proper Motion Dec: 0.38554"/yr Parallax: 0.19444" Epoch of Position: 1991.25	V=0.77	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1	(1) ALTAIR	ACS/HRC, ACQ, HRC-ACQ	F220W F606W				4.0 Secs [==>]	[1]
	2		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 I		147.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	3		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 I		168.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 I		189.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	5		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 I		204.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	6		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 I		210.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	7		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 I		222.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	8		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 I		246.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]

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Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	9	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 I	306.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]		
	10	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 I	294.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	11	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 I	237.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	12	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 I	213.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	13	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 I	201.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	14	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 I	195.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	15	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 I	183.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	16	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 I	162.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	17	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 I	141.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		





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Thu Jul 14 01:06:58 GMT 2005

Visit	Proposal 10431, Visit 56 Diagnostic Status: Warning Scientific Instruments: ACS/HRC Special Requirements: NUMBER OF GYROS 3									
	Diagnostics	(Visit 56) Warning: ACS EXPOSURE TIME ADJUSTED (Visit 56) Warning: Number of Gyros overrides default value. (Visit 56) Warning: ACS EXPOSURE TIME ADJUSTED (Visit 56) Warning: ACS EXPOSURE TIME ADJUSTED								
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	ALTAIR	RA: 19 50 46.6800 (297.6945000d) Dec: +08 52 2.60 (8.86739d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: 0.03622s/yr Proper Motion Dec: 0.38554"/yr Parallax: 0.19444" Epoch of Position: 1991.25	V=0.77	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1	(1) ALTAIR	ACS/HRC, ACQ, HRC-ACQ	F220W F606W		GS ACQ SCENARI O BASE13GO		4.0 Secs [==>]	[1]
	2		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 J		147.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	3		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 J		168.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 J		189.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	5		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 J		204.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	6		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 J		210.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	7		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 J		222.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	8		(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 J		246.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]

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Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	9	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=2; GAIN=4	USE OFFSET 10431 J	276.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]		
	10	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 J	244.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	11	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 J	237.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	12	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 J	213.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	13	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 J	201.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	14	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 J	195.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	15	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 J	183.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	16	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 J	162.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		
	17	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 J	141.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]		

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#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures (continued)	18	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9561.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 J		240.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	19	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9282.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 J		234.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	20	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 9012.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 J		213.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	21	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8750.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 J		201.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	22	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8495.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 J		195.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	23	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8247.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 J		183.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	24	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 8007.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 J		162.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	25	(1) ALTAIR	ACS/HRC, ACCUM, HRC-CORON1.8	FR914M 7774.0 A	CR-SPLIT=3; GAIN=4	USE OFFSET 10431 J		141.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]

