



10559 - Astrometric monitoring of binary L and T dwarfs

Cycle: 14, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

Proposal 10559 - 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>
01	(4) DENIS-PJ020529.0-115925	ACS/HRC	1	26-Oct-2005 21:05:43.0	yes
02	(4) DENIS-PJ020529.0-115925	ACS/HRC	1	26-Oct-2005 21:05:51.0	yes
03	(2) 2MASSWJ09201223+3517429	ACS/HRC	1	26-Oct-2005 21:05:57.0	yes
23	(2) 2MASSWJ09201223+3517429	ACS/HRC	1	26-Oct-2005 21:06:05.0	yes
04	(2) 2MASSWJ09201223+3517429	ACS/HRC	1	26-Oct-2005 21:06:09.0	yes
05	(3) 2MASSWJ17281150+3948593	ACS/HRC	1	26-Oct-2005 21:06:14.0	yes
06	(3) 2MASSWJ17281150+3948593	ACS/HRC	1	26-Oct-2005 21:06:19.0	yes
07	(3) 2MASSWJ17281150+3948593	ACS/HRC	1	26-Oct-2005 21:06:24.0	yes
08	(1) DENIS-PJ0357269-441730	ACS/HRC	1	26-Oct-2005 21:06:29.0	yes
09	(1) DENIS-PJ0357269-441730	ACS/HRC	1	26-Oct-2005 21:06:34.0	yes
10	(5) 2MASSWJ15344984-2952274	ACS/HRC	1	26-Oct-2005 21:06:39.0	yes
11	(5) 2MASSWJ15344984-2952274	ACS/HRC	1	26-Oct-2005 21:06:46.0	yes

12 Total Orbits Used

ABSTRACT

We propose to obtain high angular resolution ACS images of five binary L and T dwarfs in order to determine their orbital parameters and dynamical masses, and directly constrain the evolutionary models of ultracool and substellar objects. The binaries have estimated periods ranging between 5 and 14 years. All of them have already been resolved at least twice (sometimes more) using HST, providing first and second epochs measurements. We propose to obtain two more ACS imaging observations separated by 9 to 12 months during cycle 14. The expected period coverage should therefore range between 35% and 117%, allowing us to compute precise orbital parameters and masses. Our sample is large enough and covers a sufficiently wide range of spectral types (from L3 to T5.5) to allow us to obtain strong constraints the evolutionnary models.

OBSERVING DESCRIPTION

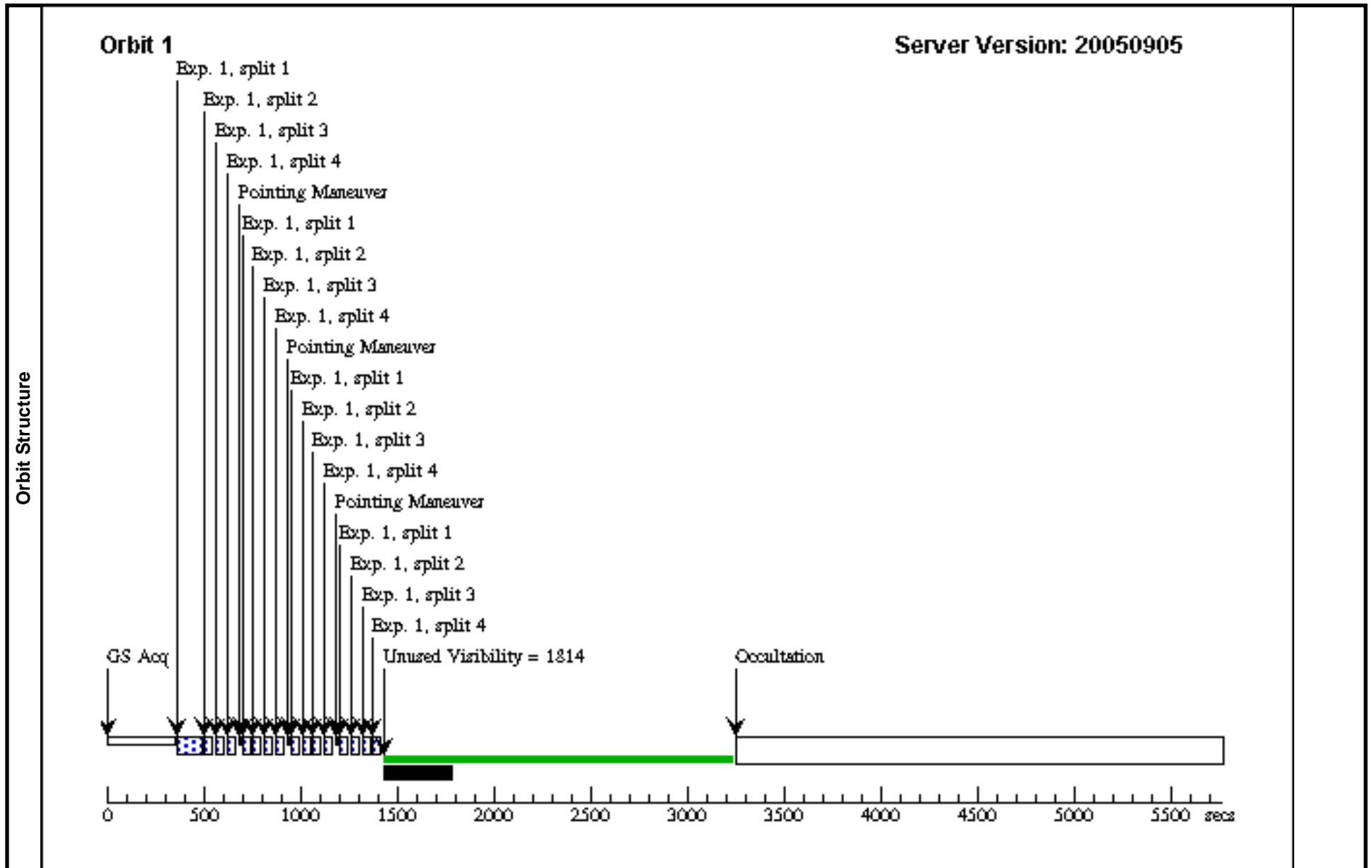
We aim at getting 2 new epoch observations of our targets (binaries) in order to monitor the orbital motion of the companion.

Observational strategy: each exposure will be split in a 4 point box dither pattern in order to optimize cosmic ray and bad pixel rejection and improve the PSF quality. Each 25 seconds subexposure of the dither pattern will be split in 4 CRSPLIT exposures in order to minimize the number of CR events and optimize further CR rejection. The total integration time for each visit will be 100 seconds.

Proposal 10559 - Visit 01 - Astrometric monitoring of binary L and T dwarfs

Thu Oct 27 01:06:48 GMT 2005

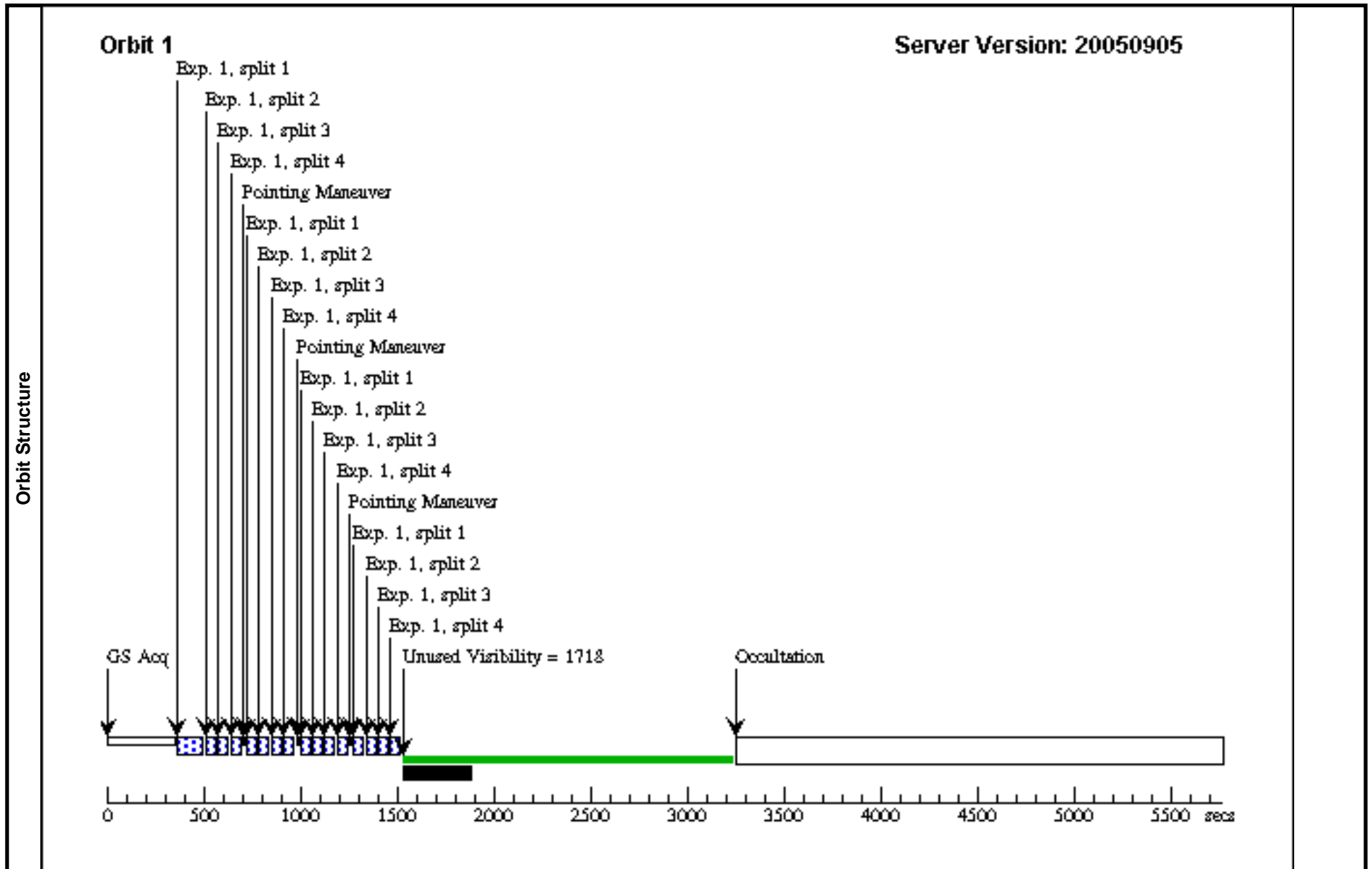
Visit	Proposal 10559, Visit 01 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: BETWEEN 19-AUG-2005:00:00:00 AND 19-OCT-2005:00:00:00									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-HRC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.15 Line Spacing=0.098	Coordinate Frame=POS-TARG Pattern Orientation=19.9 Angle Between Sides=63.5 Center Pattern=false					(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	DENIS-PJ020529.0-115925	RA: 02 05 29.0000 (31.3708333d) Dec: -11 59 25.00 (-11.99028d) Equinox: J2000 Plate Id: (?)		V=(?) J=14.6	Coordinate Source: DENIS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	DENIS0205-1159_Epoc h1	(4) DENIS-PJ02052 9.0-115925	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=4		Pattern 1-1 (1)	24.8 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 1, Split 3)] [==>(Pattern 1, Split 4)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 2, Split 3)] [==>(Pattern 2, Split 4)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)] [==>(Pattern 3, Split 3)] [==>(Pattern 3, Split 4)] [==>(Pattern 4, Split 1)] [==>(Pattern 4, Split 2)] [==>(Pattern 4, Split 3)] [==>(Pattern 4, Split 4)]	[1]



Proposal 10559 - Visit 02 - Astrometric monitoring of binary L and T dwarfs

Thu Oct 27 01:06:50 GMT 2005

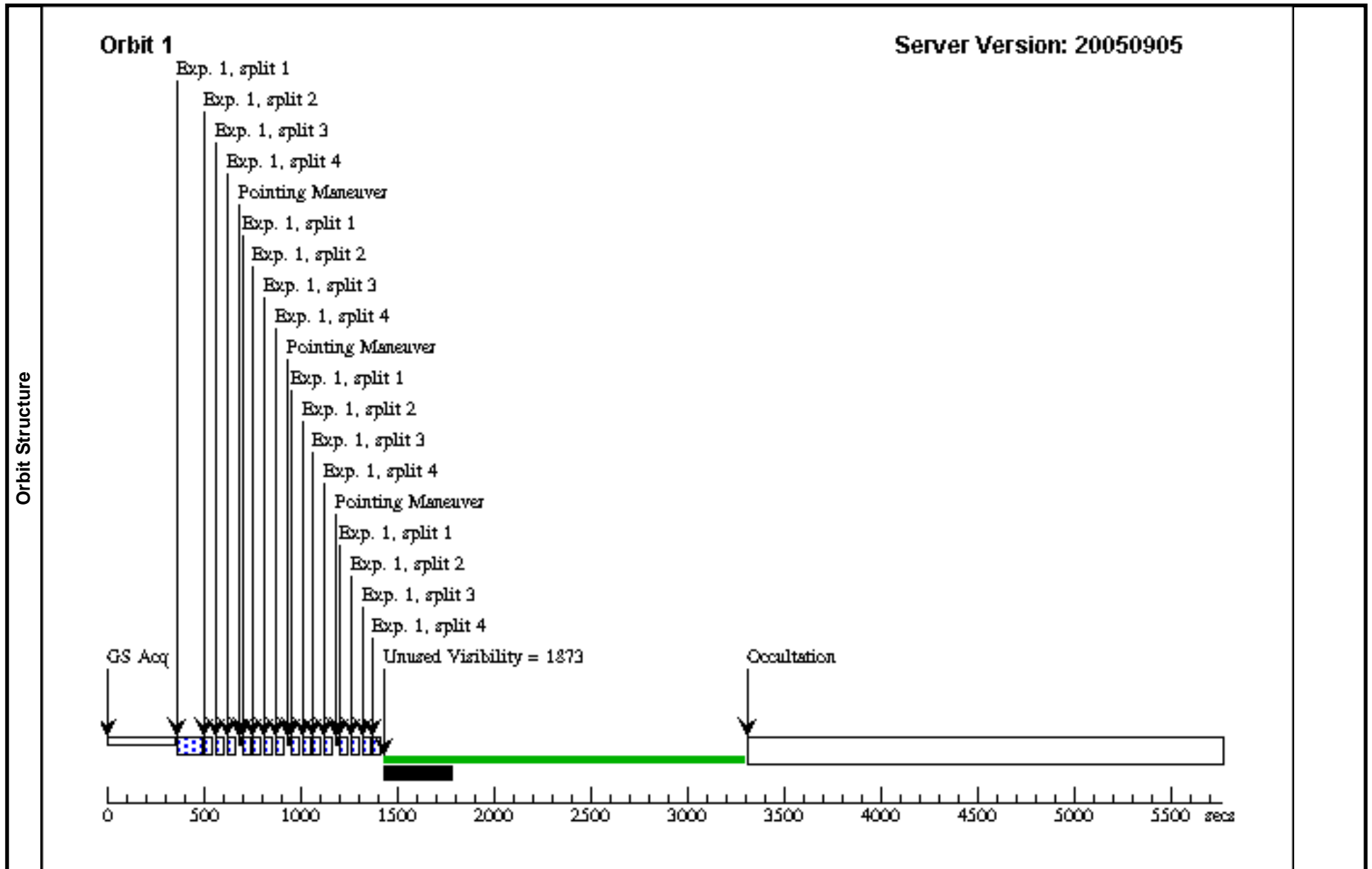
Visit		Proposal 10559, Visit 02 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: BETWEEN 15-MAY-2006:00:00:00 AND 15-AUG-2006:00:00:00								
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-HRC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.15 Line Spacing=0.098	Coordinate Frame=POS-TARG Pattern Orientation=19.9 Angle Between Sides=63.5 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	DENIS-PJ020529.0-115925	RA: 02 05 29.0000 (31.3708333d) Dec: -11 59 25.00 (-11.99028d) Equinox: J2000 Plate Id: (?)		V=(?) J=14.6	Coordinate Source: DENIS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	DENIS0205-1159_Epoc h2	(4) DENIS-PJ02052 9.0-115925	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=4		Pattern 1-1 (1)	49.6 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 1, Split 3)] [==>(Pattern 1, Split 4)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 2, Split 3)] [==>(Pattern 2, Split 4)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)] [==>(Pattern 3, Split 3)] [==>(Pattern 3, Split 4)] [==>(Pattern 4, Split 1)] [==>(Pattern 4, Split 2)] [==>(Pattern 4, Split 3)] [==>(Pattern 4, Split 4)]	[1]



Proposal 10559 - Visit 03 - Astrometric monitoring of binary L and T dwarfs

Thu Oct 27 01:06:51 GMT 2005

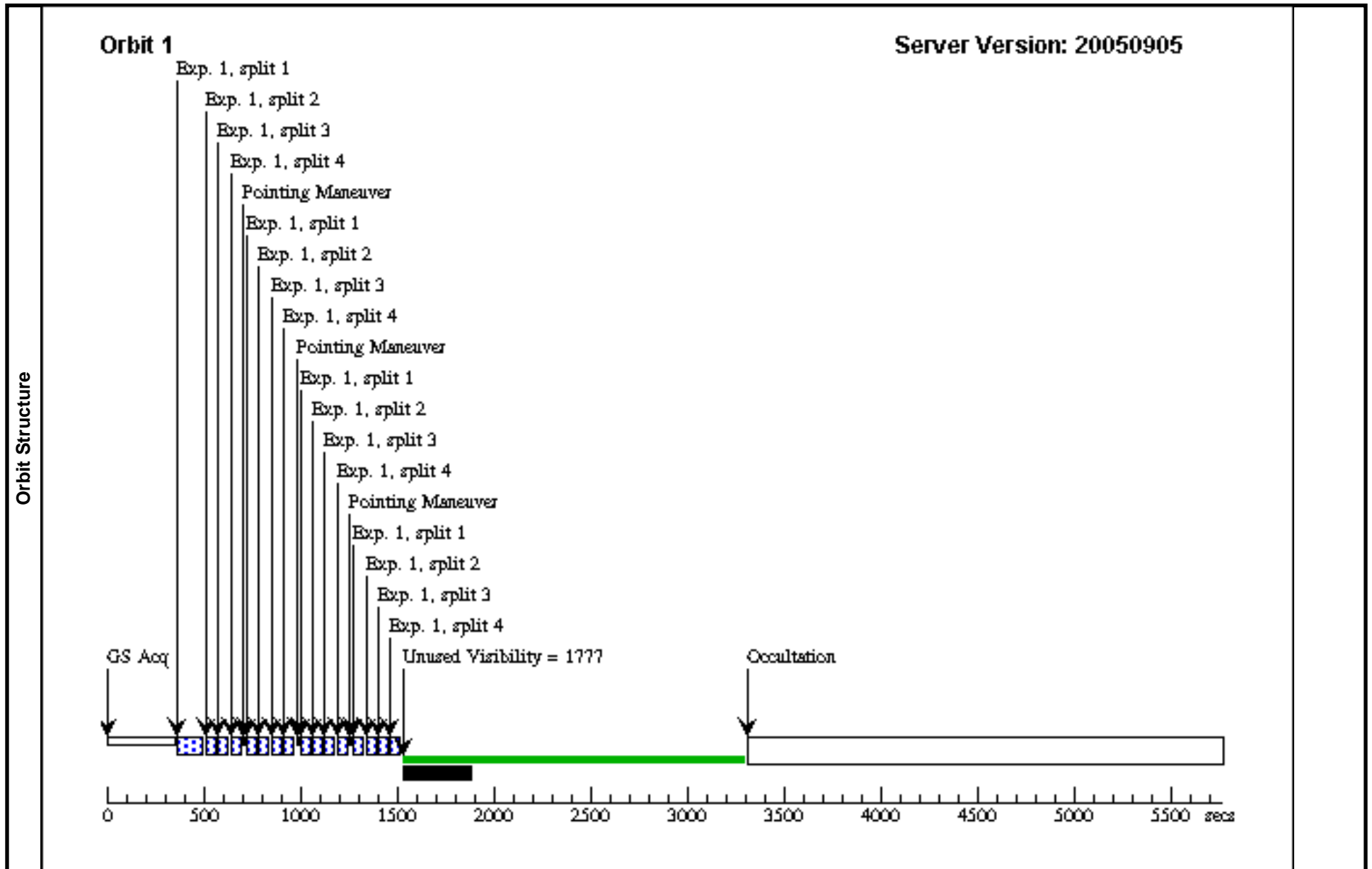
Visit		Proposal 10559, Visit 03 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: BETWEEN 19-AUG-2005:00:00:00 AND 19-OCT-2005:00:00:00								
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=ACS-HRC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.15 Line Spacing=0.098	Coordinate Frame=POS-TARG Pattern Orientation=19.9 Angle Between Sides=63.5 Center Pattern=false		(1)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	2MASSWJ09201223+3517429	RA: 09 20 12.2000 (140.0508333d) Dec: +35 17 42.97 (35.29527d) Equinox: J2000 Plate Id: (?)		V=(?) J=15.625	Coordinate Source: 2MASS				
<i>Comments: This object was generated by the targetselector and retrieved from the 2MASS database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2MASS0920+3517_Epo ch1	(2) 2MASSWJ09201223+3517429	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=4			Pattern 1-1 (1)	24.8 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 1, Split 3)] [==>(Pattern 1, Split 4)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 2, Split 3)] [==>(Pattern 2, Split 4)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)] [==>(Pattern 3, Split 3)] [==>(Pattern 3, Split 4)] [==>(Pattern 4, Split 1)] [==>(Pattern 4, Split 2)] [==>(Pattern 4, Split 3)] [==>(Pattern 4, Split 4)]



Proposal 10559 - Visit 23 - Astrometric monitoring of binary L and T dwarfs

Thu Oct 27 01:06:51 GMT 2005

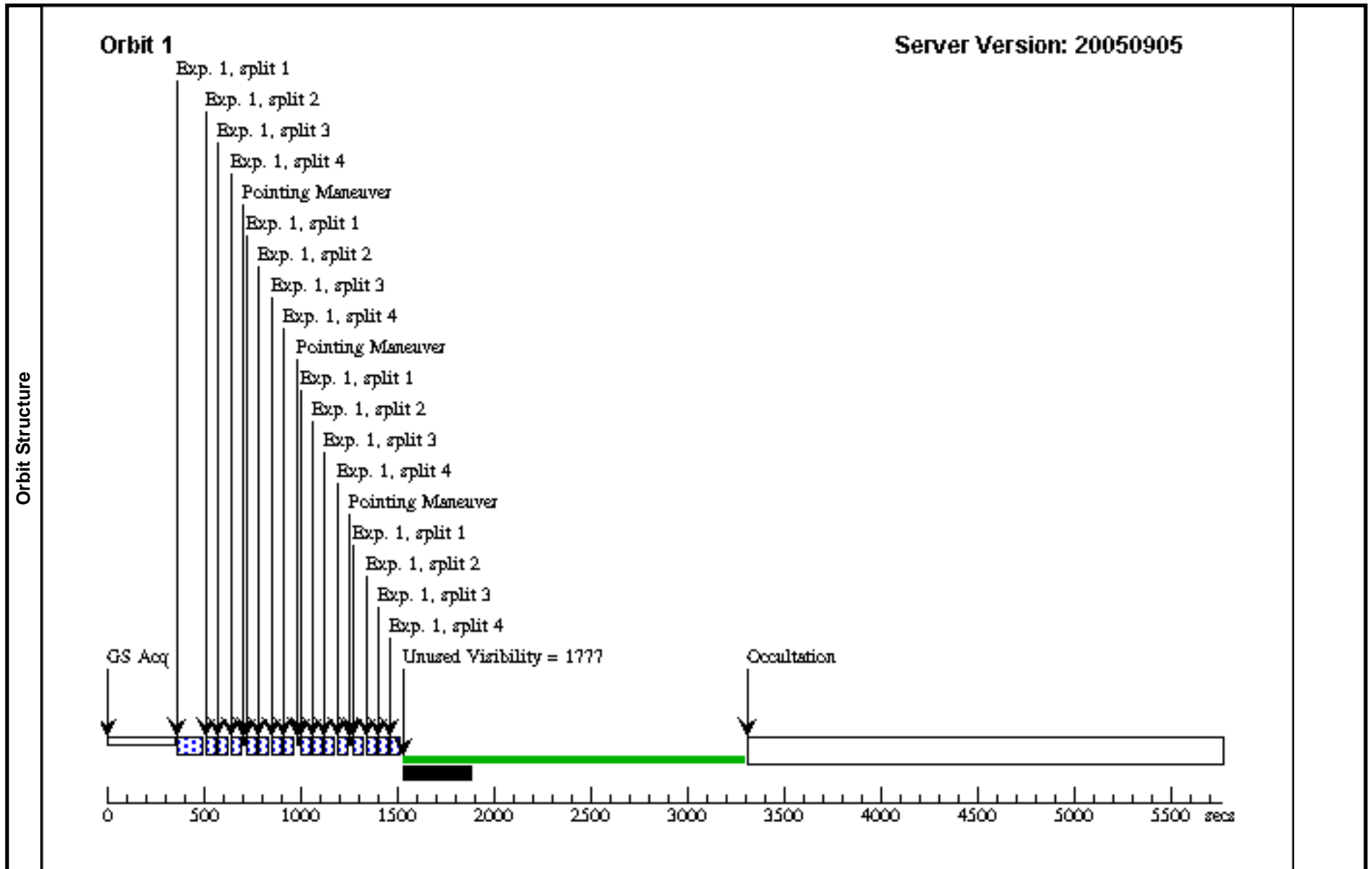
Visit		Proposal 10559, Visit 23 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: BETWEEN 19-AUG-2005:00:00:00 AND 19-OCT-2005:00:00:00								
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=ACS-HRC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.15 Line Spacing=0.098	Coordinate Frame=POS-TARG Pattern Orientation=19.9 Angle Between Sides=63.5 Center Pattern=false		(1)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	2MASSWJ09201223+3517429	RA: 09 20 12.2000 (140.0508333d) Dec: +35 17 42.97 (35.29527d) Equinox: J2000 Plate Id: (?)		V=(?) J=15.625	Coordinate Source: 2MASS				
<i>Comments: This object was generated by the targetselector and retrieved from the 2MASS database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2MASS0920+3517_Epo ch1	(2) 2MASSWJ09201223+3517429	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=4			Pattern 1-1 (1)	49.6 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 1, Split 3)] [==>(Pattern 1, Split 4)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 2, Split 3)] [==>(Pattern 2, Split 4)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)] [==>(Pattern 3, Split 3)] [==>(Pattern 3, Split 4)] [==>(Pattern 4, Split 1)] [==>(Pattern 4, Split 2)] [==>(Pattern 4, Split 3)] [==>(Pattern 4, Split 4)]



Proposal 10559 - Visit 04 - Astrometric monitoring of binary L and T dwarfs

Thu Oct 27 01:06:52 GMT 2005

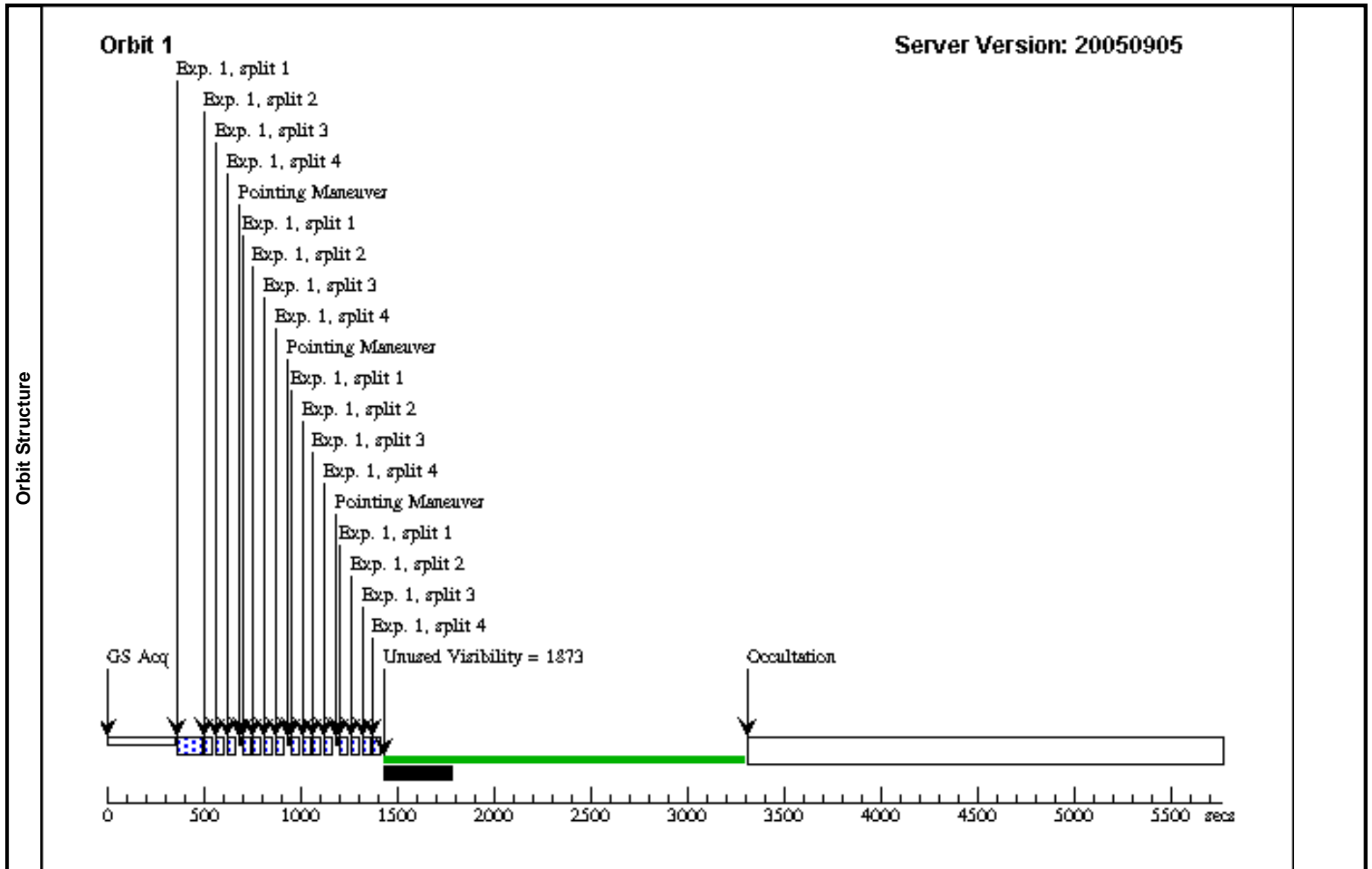
Visit		Proposal 10559, Visit 04 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: BETWEEN 07-APR-2006:00:00:00 AND 15-AUG-2006:00:00:00									
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=ACS-HRC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.15 Line Spacing=0.098	Coordinate Frame=POS-TARG Pattern Orientation=19.9 Angle Between Sides=63.5 Center Pattern=false					(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(2)	2MASSWJ09201223+3517429	RA: 09 20 12.2000 (140.0508333d) Dec: +35 17 42.97 (35.29527d) Equinox: J2000 Plate Id: (?)		V=(?) J=15.625	Coordinate Source: 2MASS					
<i>Comments: This object was generated by the targetselector and retrieved from the 2MASS database.</i>											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	2MASS0920+3517_Epo ch2	(2) 2MASSWJ09201223+3517429	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=4		Pattern 1-1 (1)	49.6 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 1, Split 3)] [==>(Pattern 1, Split 4)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 2, Split 3)] [==>(Pattern 2, Split 4)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)] [==>(Pattern 3, Split 3)] [==>(Pattern 3, Split 4)] [==>(Pattern 4, Split 1)] [==>(Pattern 4, Split 2)] [==>(Pattern 4, Split 3)] [==>(Pattern 4, Split 4)]	[1]	



Proposal 10559 - Visit 05 - Astrometric monitoring of binary L and T dwarfs

Thu Oct 27 01:06:52 GMT 2005

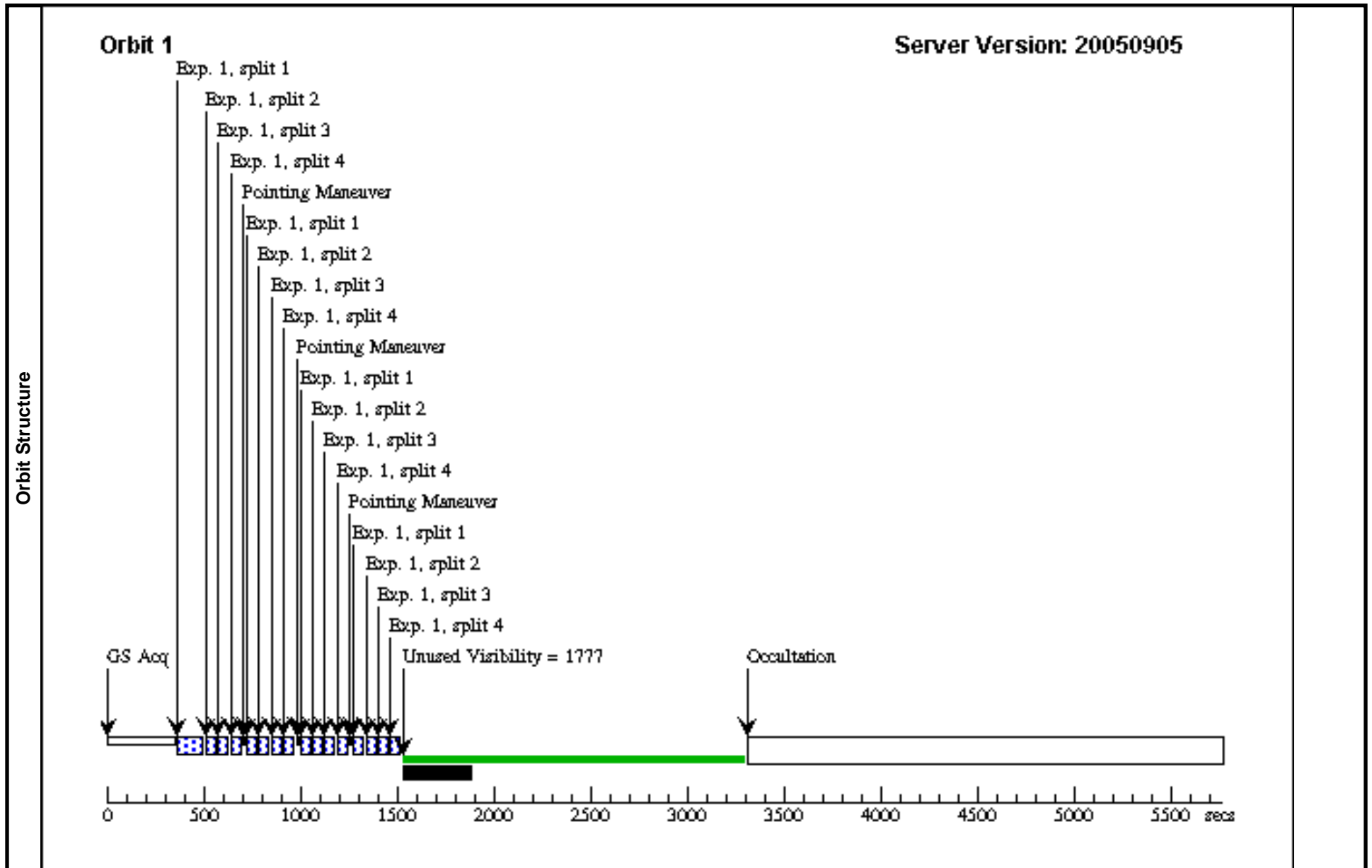
Visit		Proposal 10559, Visit 05 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: BETWEEN 13-AUG-2005:00:00:00 AND 19-OCT-2005:00:00:00								
Patterns	#	Primary Pattern	Secondary Pattern		Exposures					
	(1)	Pattern Type=ACS-HRC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.15 Line Spacing=0.098	Coordinate Frame=POS-TARG Pattern Orientation=19.9 Angle Between Sides=63.5 Center Pattern=false		(1)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	2MASSWJ17281150+3948593	RA: 17 28 11.5000 (262.0479167d) Dec: +39 48 59.31 (39.81648d) Equinox: J2000 Plate Id: (?)		V=(?) J=15.98	Coordinate Source: 2MASS				
<i>Comments: This object was generated by the targetselector and retrieved from the 2MASS database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2MASS1728+3948_Epo 8+3948_Epo chl	(3) 2MASSWJ17281150+3948593	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=4			Pattern 1-1 (1)	24.8 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 1, Split 3)] [==>(Pattern 1, Split 4)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 2, Split 3)] [==>(Pattern 2, Split 4)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)] [==>(Pattern 3, Split 3)] [==>(Pattern 3, Split 4)] [==>(Pattern 4, Split 1)] [==>(Pattern 4, Split 2)] [==>(Pattern 4, Split 3)] [==>(Pattern 4, Split 4)]



Proposal 10559 - Visit 06 - Astrometric monitoring of binary L and T dwarfs

Thu Oct 27 01:06:53 GMT 2005

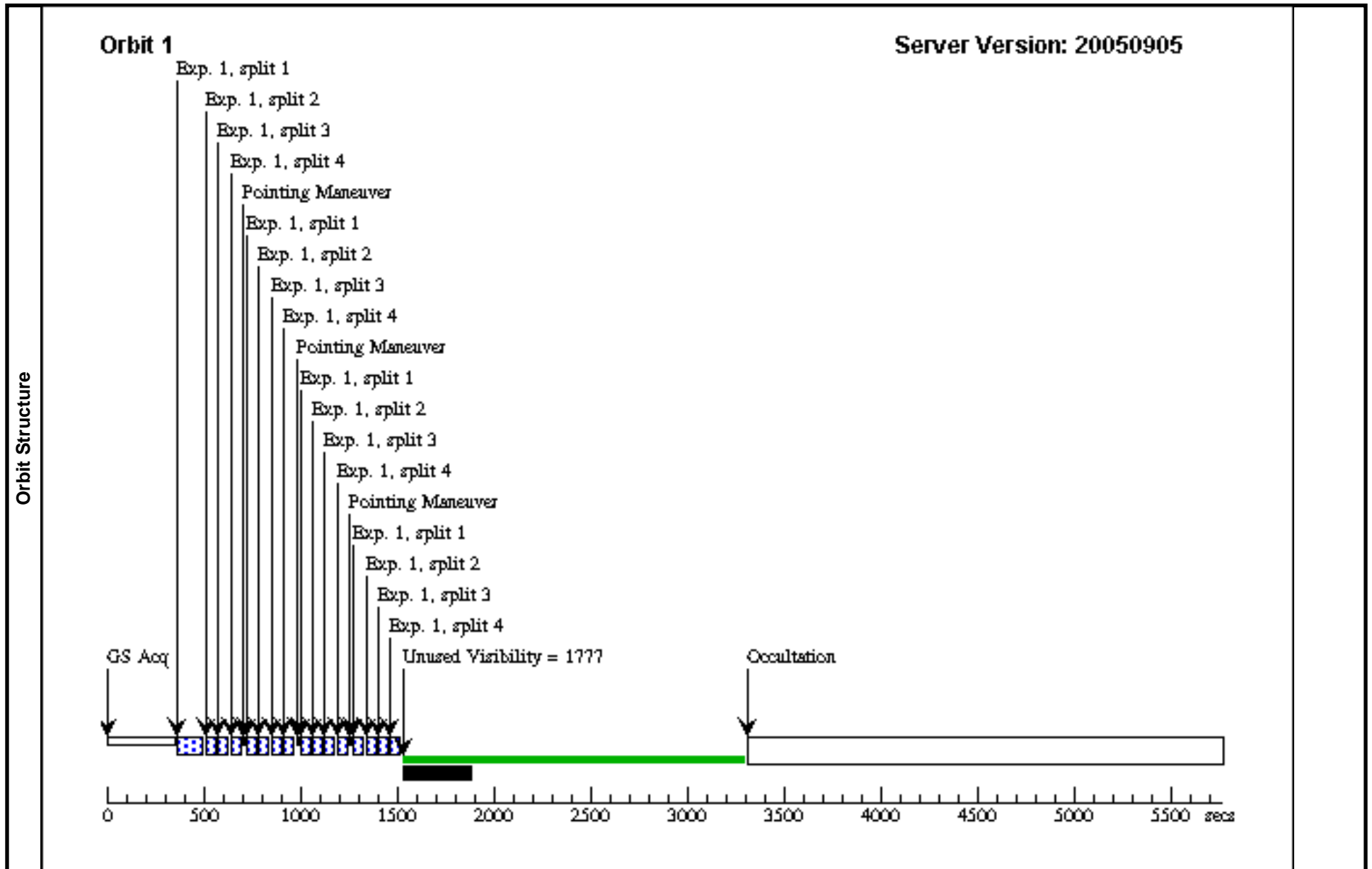
Visit		Proposal 10559, Visit 06 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: BETWEEN 15-MAY-2006:00:00:00 AND 15-AUG-2006:00:00:00								
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=ACS-HRC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.15 Line Spacing=0.098	Coordinate Frame=POS-TARG Pattern Orientation=19.9 Angle Between Sides=63.5 Center Pattern=false		(1)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	2MASSWJ17281150+3948593	RA: 17 28 11.5000 (262.0479167d) Dec: +39 48 59.31 (39.81648d) Equinox: J2000 Plate Id: (?)		V=(?) J=15.98	Coordinate Source: 2MASS				
<i>Comments: This object was generated by the targetselector and retrieved from the 2MASS database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2MASS1728+3948_Epo ch2	(3) 2MASSWJ17281150+3948593	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=4			Pattern 1-1 (1)	49.6 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 1, Split 3)] [==>(Pattern 1, Split 4)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 2, Split 3)] [==>(Pattern 2, Split 4)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)] [==>(Pattern 3, Split 3)] [==>(Pattern 3, Split 4)] [==>(Pattern 4, Split 1)] [==>(Pattern 4, Split 2)] [==>(Pattern 4, Split 3)] [==>(Pattern 4, Split 4)]



Proposal 10559 - Visit 07 - Astrometric monitoring of binary L and T dwarfs

Thu Oct 27 01:06:53 GMT 2005

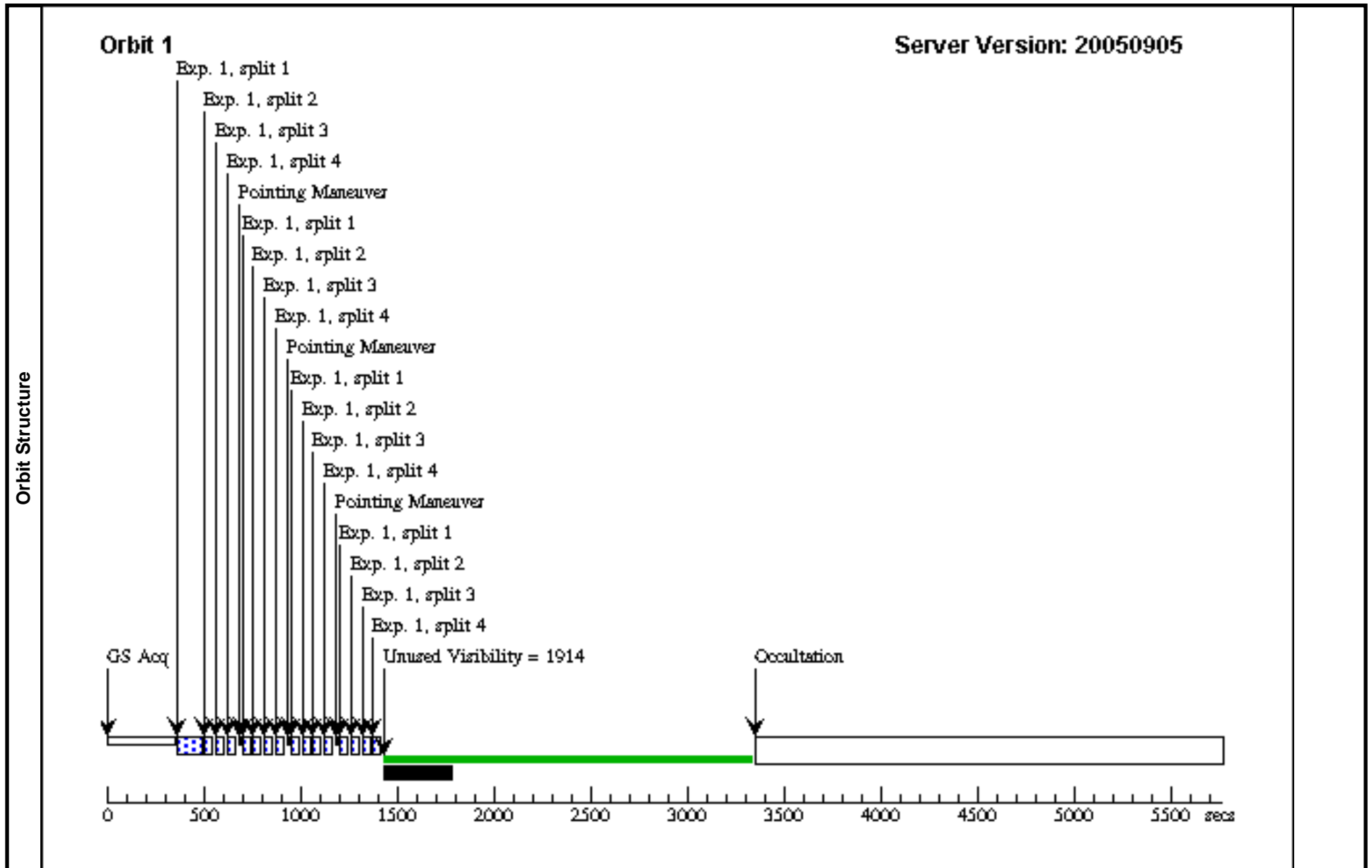
Visit		Proposal 10559, Visit 07 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: BETWEEN 31-DEC-2005:00:00:00 AND 16-JAN-2006:00:00:00								
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=ACS-HRC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.15 Line Spacing=0.098	Coordinate Frame=POS-TARG Pattern Orientation=19.9 Angle Between Sides=63.5 Center Pattern=false		(1)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	2MASSWJ17281150+3948593	RA: 17 28 11.5000 (262.0479167d) Dec: +39 48 59.31 (39.81648d) Equinox: J2000 Plate Id: (?)		V=(?) J=15.98	Coordinate Source: 2MASS				
<i>Comments: This object was generated by the targetselector and retrieved from the 2MASS database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2MASS1728+3948_Epo ch3	(3) 2MASSWJ17281150+3948593	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=4			Pattern 1-1 (1)	49.6 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 1, Split 3)] [==>(Pattern 1, Split 4)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 2, Split 3)] [==>(Pattern 2, Split 4)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)] [==>(Pattern 3, Split 3)] [==>(Pattern 3, Split 4)] [==>(Pattern 4, Split 1)] [==>(Pattern 4, Split 2)] [==>(Pattern 4, Split 3)] [==>(Pattern 4, Split 4)]



Proposal 10559 - Visit 08 - Astrometric monitoring of binary L and T dwarfs

Thu Oct 27 01:06:53 GMT 2005

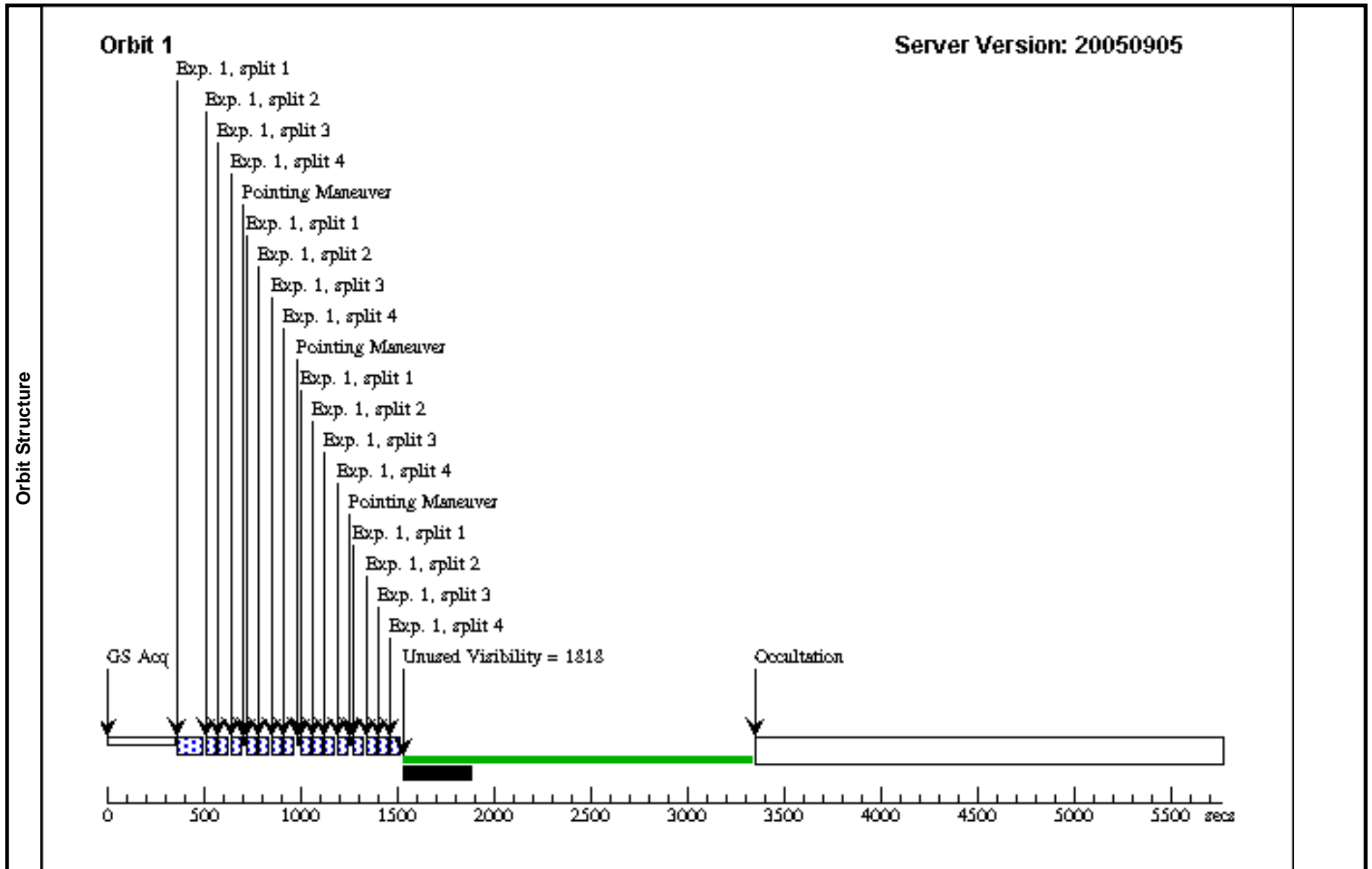
Visit		Proposal 10559, Visit 08 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: BETWEEN 19-AUG-2005:00:00:00 AND 19-OCT-2005:00:00:00								
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=ACS-HRC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.15 Line Spacing=0.098	Coordinate Frame=POS-TARG Pattern Orientation=19.9 Angle Between Sides=63.5 Center Pattern=false		(1)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	DENIS-PJ0357269-441730	RA: 03 57 26.9000 (59.3620833d) Dec: -44 17 30.00 (-44.29167d) Equinox: J2000 Plate Id: (?)		V=(?) J=14.6	Coordinate Source: 2MASS				
<i>Comments: This object was generated by the targetselector and retrieved from the 2MASS database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	DENIS0357-4417_Epoc h1	(1) DENIS-PJ0357269-441730	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=4			Pattern 1-1 (1)	24.8 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 1, Split 3)] [==>(Pattern 1, Split 4)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 2, Split 3)] [==>(Pattern 2, Split 4)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)] [==>(Pattern 3, Split 3)] [==>(Pattern 3, Split 4)] [==>(Pattern 4, Split 1)] [==>(Pattern 4, Split 2)] [==>(Pattern 4, Split 3)] [==>(Pattern 4, Split 4)]



Proposal 10559 - Visit 09 - Astrometric monitoring of binary L and T dwarfs

Thu Oct 27 01:06:54 GMT 2005

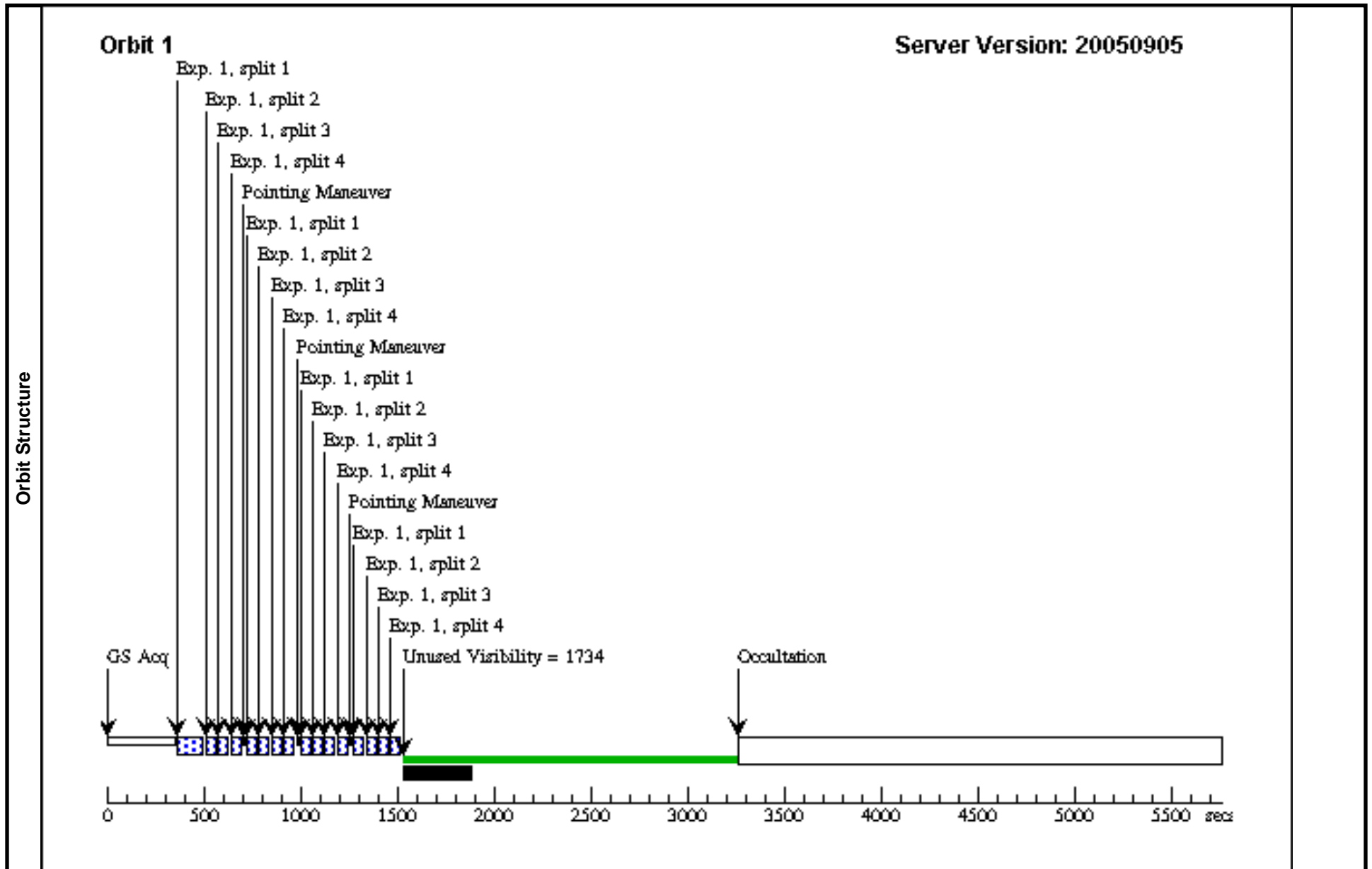
Visit	Proposal 10559, Visit 09 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: BETWEEN 15-MAY-2006:00:00:00 AND 15-AUG-2006:00:00:00									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-HRC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.15 Line Spacing=0.098	Coordinate Frame=POS-TARG Pattern Orientation=19.9 Angle Between Sides=63.5 Center Pattern=false					(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	DENIS-PJ0357269-441730	RA: 03 57 26.9000 (59.3620833d) Dec: -44 17 30.00 (-44.29167d) Equinox: J2000 Plate Id: (?)		V=(?) J=14.6	Coordinate Source: 2MASS				
<i>Comments: This object was generated by the targetselector and retrieved from the 2MASS database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	DENIS0357-4417_Epoc h2	(1) DENIS-PJ0357269-441730	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=4		Pattern 1-1 (1)	49.6 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 1, Split 3)] [==>(Pattern 1, Split 4)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 2, Split 3)] [==>(Pattern 2, Split 4)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)] [==>(Pattern 3, Split 3)] [==>(Pattern 3, Split 4)] [==>(Pattern 4, Split 1)] [==>(Pattern 4, Split 2)] [==>(Pattern 4, Split 3)] [==>(Pattern 4, Split 4)]	[1]



Proposal 10559 - Visit 10 - Astrometric monitoring of binary L and T dwarfs

Thu Oct 27 01:06:54 GMT 2005

Visit	Proposal 10559, Visit 10 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: BETWEEN 01-JAN-2006:00:00:00 AND 01-MAR-2006:00:00:00									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-HRC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.15 Line Spacing=0.098	Coordinate Frame=POS-TARG Pattern Orientation=19.9 Angle Between Sides=63.5 Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	2MASSWJ15344984-2952274	RA: 15 34 49.8400 (233.7076667d) Dec: -29 52 27.40 (-29.87428d) Equinox: J2000 Plate Id: (?)		V=(?) J=16.0	Coordinate Source: 2MASS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2MASS1534-2952_Epo ch1	(5) 2MASSWJ15344984-2952274	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=4		Pattern 1-1 (1)	49.6 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 1, Split 3)] [==>(Pattern 1, Split 4)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 2, Split 3)] [==>(Pattern 2, Split 4)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)] [==>(Pattern 3, Split 3)] [==>(Pattern 3, Split 4)] [==>(Pattern 4, Split 1)] [==>(Pattern 4, Split 2)] [==>(Pattern 4, Split 3)] [==>(Pattern 4, Split 4)]	[1]



Proposal 10559 - Visit 11 - Astrometric monitoring of binary L and T dwarfs

Thu Oct 27 01:06:55 GMT 2005

Visit	Proposal 10559, Visit 11 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: BETWEEN 11-APR-2006:00:00:00 AND 15-AUG-2006:00:00:00									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-HRC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.15 Line Spacing=0.098	Coordinate Frame=POS-TARG Pattern Orientation=19.9 Angle Between Sides=63.5 Center Pattern=false						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	2MASSWJ15344984-2952274	RA: 15 34 49.8400 (233.7076667d) Dec: -29 52 27.40 (-29.87428d) Equinox: J2000 Plate Id: (?)		V=(?) J=16.0	Coordinate Source: 2MASS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2MASS1534-2952_Epo ch2	(5) 2MASSWJ15344984-2952274	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=4		Pattern 1-1 (1)	49.6 Secs [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 1, Split 3)] [==>(Pattern 1, Split 4)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 2, Split 3)] [==>(Pattern 2, Split 4)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)] [==>(Pattern 3, Split 3)] [==>(Pattern 3, Split 4)] [==>(Pattern 4, Split 1)] [==>(Pattern 4, Split 2)] [==>(Pattern 4, Split 3)] [==>(Pattern 4, Split 4)]	[1]

