



10879 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

Cycle: 15, Proposal Category: SNAP

(Availability Mode: SUPPORTED)

INVESTIGATORS

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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) U10018	NIC1	1	04-Aug-2006 21:00:57.0	yes
02	(2) U20116	NIC1	1	04-Aug-2006 21:01:02.0	yes
03	(3) U20301	NIC1	1	04-Aug-2006 21:01:05.0	yes
04	(6) U10158	NIC1	1	04-Aug-2006 21:01:08.0	yes
05	(7) U10320	NIC1	1	04-Aug-2006 21:01:10.0	yes
06	(8) U10176	NIC1	1	04-Aug-2006 21:01:13.0	yes
08	(10) U10789	NIC1	1	04-Aug-2006 21:01:15.0	yes
10	(12) U10880	NIC1	1	04-Aug-2006 21:01:18.0	yes

Proposal 10879 - 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>
11	(13) U20373	NIC1	1	04-Aug-2006 21:01:20.0	yes
12	(14) U10926	NIC1	1	04-Aug-2006 21:01:23.0	yes
13	(15) U10949	NIC1	1	04-Aug-2006 21:01:25.0	yes
14	(16) U20431	NIC1	1	04-Aug-2006 21:01:28.0	yes
15	(17) U20433	NIC1	1	04-Aug-2006 21:01:30.0	yes
17	(19) U11115	NIC1	1	04-Aug-2006 21:01:33.0	yes
18	(20) U20568	NIC1	1	04-Aug-2006 21:01:35.0	yes
19	(21) U11314	NIC1	1	04-Aug-2006 21:01:38.0	yes
20	(22) U11946	NIC1	1	04-Aug-2006 21:01:40.0	yes
21	(23) U20866	NIC1	1	04-Aug-2006 21:01:43.0	yes
22	(24) U11694	NIC1	1	04-Aug-2006 21:01:45.0	yes
23	(25) U20055	NIC1	1	04-Aug-2006 21:01:47.0	yes
24	(26) U20979	NIC1	1	04-Aug-2006 21:01:50.0	yes
25	(4) U10151	NIC1	1	04-Aug-2006 21:01:52.0	yes
26	(5) U12128	NIC1	1	04-Aug-2006 21:01:55.0	yes
27	(9) U20320	NIC1	1	04-Aug-2006 21:01:57.0	yes
28	(27) U20562	NIC1	1	04-Aug-2006 21:02:00.0	yes
29	(28) U20581	NIC1	1	04-Aug-2006 21:02:02.0	yes
09	(29) U11291	NIC1	1	04-Aug-2006 21:02:05.0	yes
07	(30) U12145	NIC1	1	04-Aug-2006 21:02:07.0	yes
30	(31) U40001	NIC1	1	04-Aug-2006 21:02:10.0	yes
31	(32) U40003	NIC1	1	04-Aug-2006 21:02:13.0	yes

30 Total Orbits Used

ABSTRACT

We propose to extend the most sensitive survey yet undertaken for very low-mass companions to ultracool dwarfs. We will use NICMOS to complete imaging of an all-sky sample of 87 L dwarfs in 80 systems within 20 parsecs of the Sun. The combination of infrared imaging and proximity allows us to search for companions with mass ratios $q > 0.25$ at separations exceeding ~ 3 AU, while probing companions with $q > 0.5$ at ~ 1.5 AU separation. This resolution is crucial, since no ultracool binaries are known in the field with separations exceeding 15 AU. Fifty L dwarfs from the 20-parsec sample have high-resolution imaging, primarily through our Cycle 13 HST proposal which identified six new binaries, including an L/T system. Here, we propose to target the remaining 30 dwarfs.

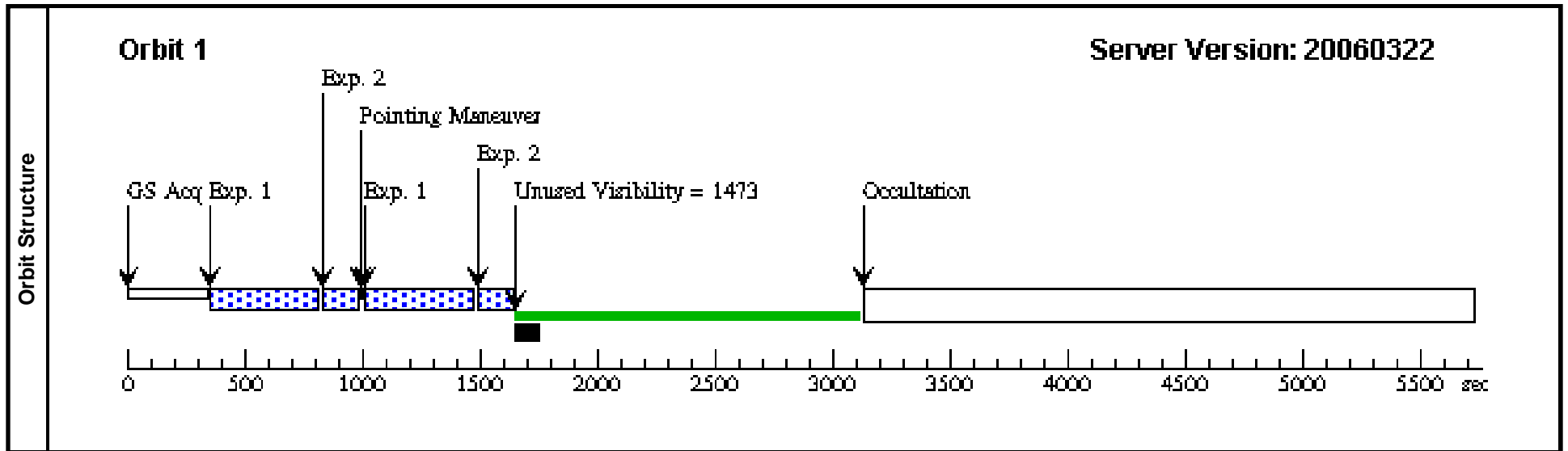
OBSERVING DESCRIPTION

We will obtain NIC1 images of our L dwarf targets in two filters: F110W and F170M. The F110W filter is centred on the maximum of the energy distribution, even for cool T dwarfs. In contrast, the F170M filter is centred on the 1.6 micron methane band, and the (F110W-F170M) colour therefore provides an excellent spectral type indicator for L and T type companions. This is particularly important, given the overlap in M_J between late-L and early-T dwarfs. Note that while FGK dwarfs can mimic T dwarf colours, their optical magnitudes are sufficiently bright that background stars will be visible on earlier-epoch DSS/XDSS plate material.

Proposal 10879 - Visit 01 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

Sat Aug 05 01:02:14 GMT 2006

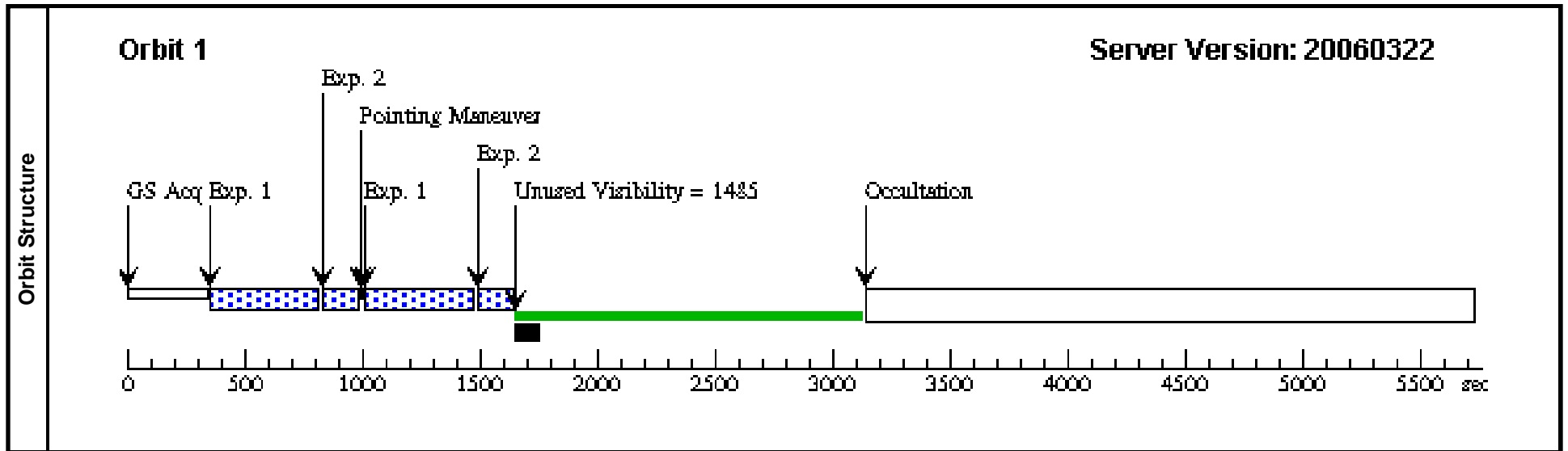
Visit	Proposal 10879, Visit 01 Priority: M Diagnostic Status: Warning Scientific Instruments: NIC1 Special Requirements: (none)									
	Diagnostics	(Visit 01) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE								
(Visit 01) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE										
(Visit 01) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE										
(Visit 01) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures
	(1)	Pattern Type=NIC-XSTRIP-DITH		Coordinate Frame=POS-TARG						(1-2)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(1)	U10018	RA: 00 24 24.6000 (6.1025000d) Dec: -01 58 19.00 (-1.97194d) Equinox: J2000		Proper Motion RA: -0.0033s/yr Proper Motion Dec: 0.13"/yr Epoch of Position: 1998.9		V=25.0+/-1.0 J=14.19	Reference Frame: 2MASS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	F170	(1) U10018	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2	J image	(1) U10018	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 10879 - Visit 02 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

Sat Aug 05 01:02:15 GMT 2006

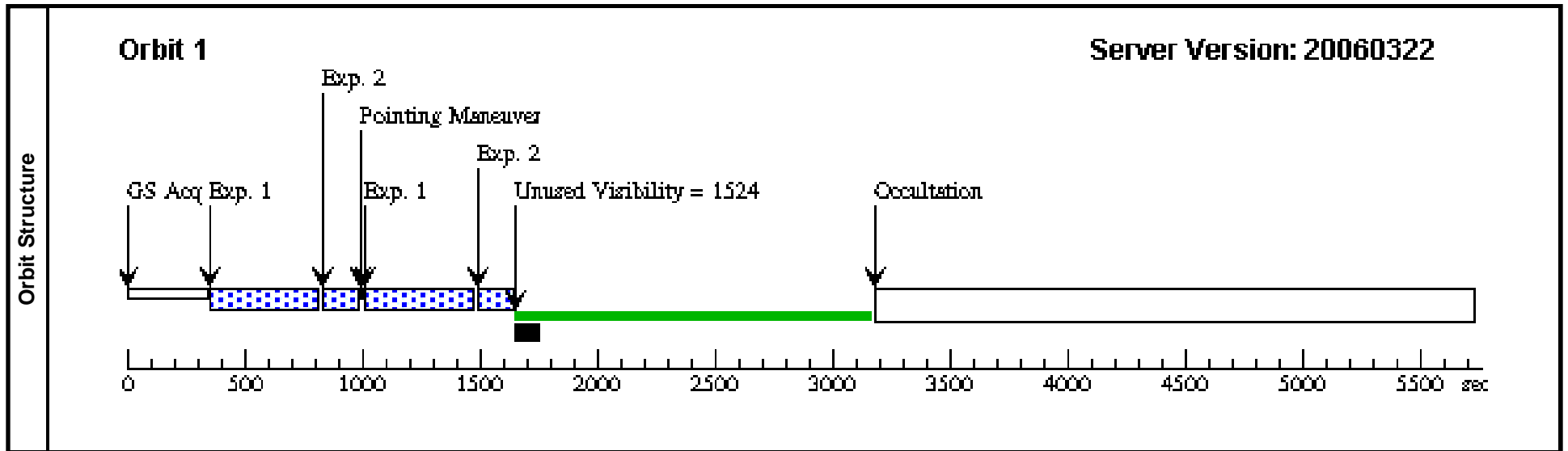
Visit	Proposal 10879, Visit 02 Priority: M Diagnostic Status: Warning Scientific Instruments: NIC1 Special Requirements: (none)									
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(Visit 02) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE										
(Visit 02) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE										
(Visit 02) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures
	(1)	Pattern Type=NIC-XSTRIP-DITH		Coordinate Frame=POS-TARG						(1-2)
		Purpose=DITHER		Pattern Orientation=0						
		Number Of Points=2		Angle Between Sides=						
		Point Spacing=2		Center Pattern=false						
		Line Spacing=								
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(2)	U20116	RA: 02 28 42.4300 (37.1767917d) Dec: +16 39 32.90 (16.65914d) Equinox: J2000		Proper Motion RA: 0.0248s/yr Proper Motion Dec: -0.44"/yr Epoch of Position: 1999.9		V=25.0+/-2.0 J=13.17	Reference Frame: 2MASS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	F170	(2) U20116	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2	J image	(2) U20116	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 10879 - Visit 03 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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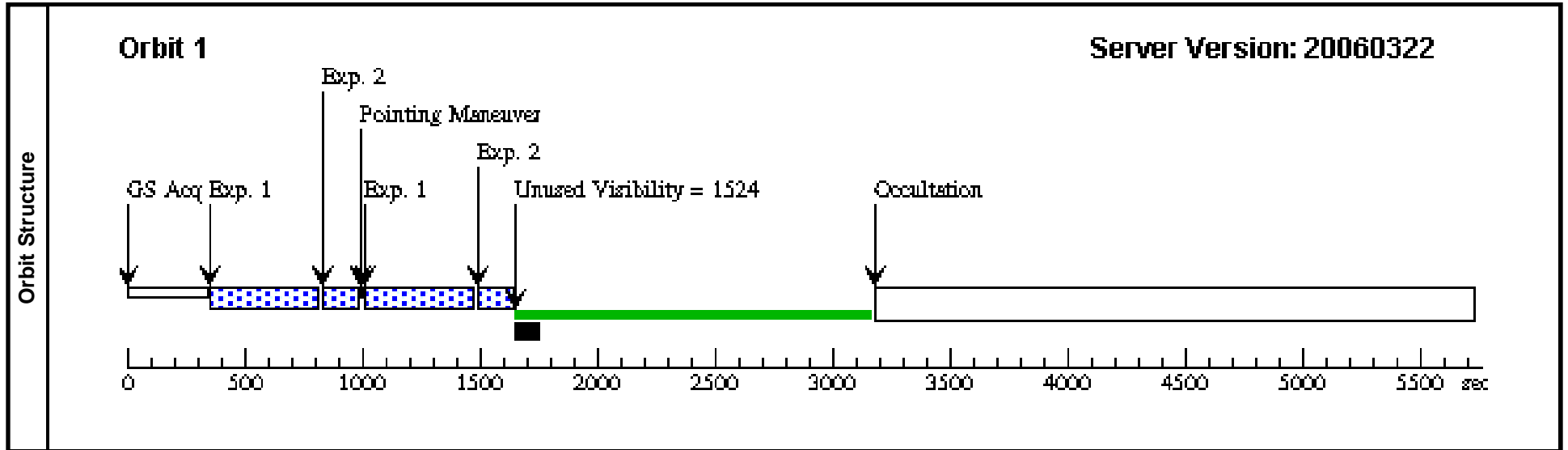
Visit	Proposal 10879, Visit 03 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: NIC1 Special Requirements: (none)										
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(1)		Pattern Type=NIC-XSTRIP-DITH Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous				
	(3)	U20301	RA: 08 30 8.2500 (127.5343750d) Dec: +48 28 48.20 (48.48006d) Equinox: J2000	Proper Motion RA: -0.1017s/yr Proper Motion Dec: -0.774"/yr Epoch of Position: 1999.05		V=25.0 J=15.44	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	F170	(3) U20301	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]
2	J image	(3) U20301	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]	



Proposal 10879 - Visit 04 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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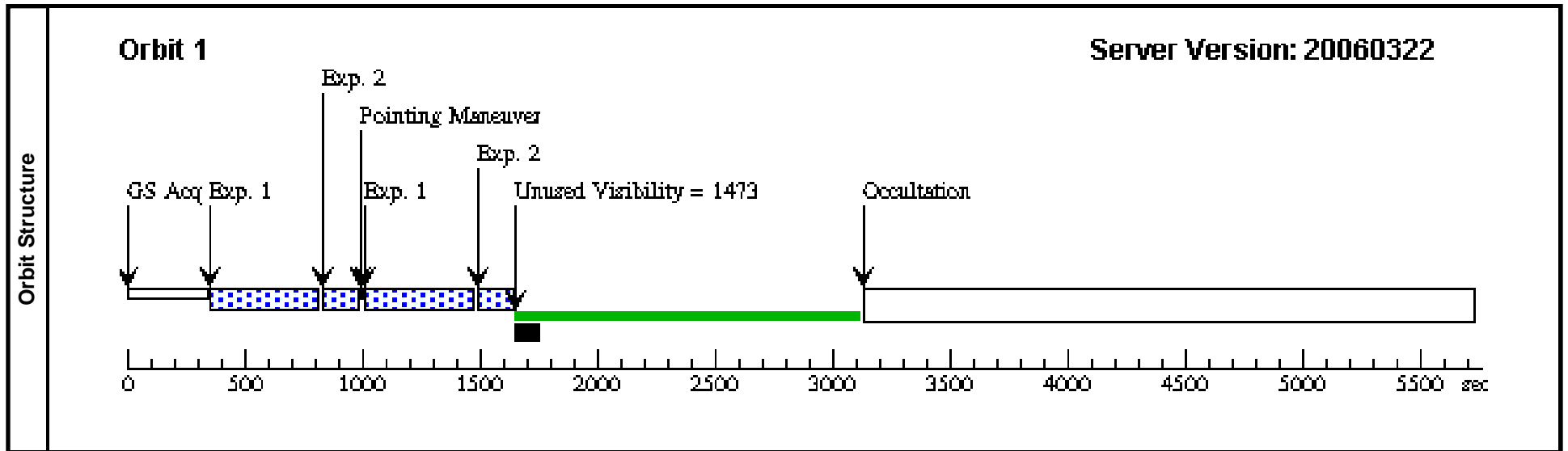
Visit	Proposal 10879, Visit 04 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: NIC1 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern				Exposures
(1)		Pattern Type=NIC-XSTRIP-DITH Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous				
	(6)	U10158	RA: 02 55 3.5000 (43.7645833d) Dec: -47 00 50.00 (-47.01389d) Equinox: J2000	Proper Motion RA: 0.1025s/yr Proper Motion Dec: -0.612"/yr Epoch of Position: 1998.95		V=25.0+/-0.1 J=15.44	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	F170	(6) U10158	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]
2	J image	(6) U10158	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]	



Proposal 10879 - Visit 05 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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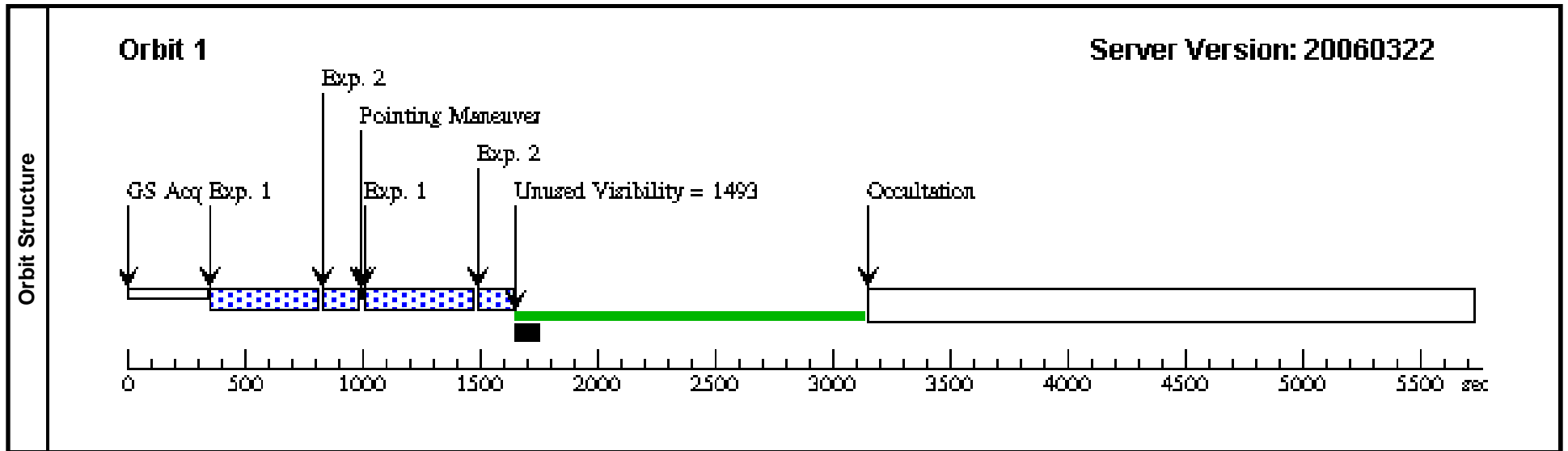
Visit	Proposal 10879, Visit 05 Priority: M Diagnostic Status: Warning Scientific Instruments: NIC1 Special Requirements: (none)										
	(Visit 05) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE (Visit 05) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE (Visit 05) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE (Visit 05) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE										
Diagnosics											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=NIC-XSTRIP-DITH		Coordinate Frame=POS-TARG						(1-2)	
Purpose=DITHER Pattern Orientation=0 Number Of Points=2 Angle Between Sides= Point Spacing=2 Center Pattern=false Line Spacing=											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	U10320	RA: 04 43 37.6100 (70.9067083d) Dec: +00 02 5.10 (.03475d) Equinox: J2000		Proper Motion RA: 0.006s/yr Proper Motion Dec: -0.1"/yr Epoch of Position: 1998.82		V=25.0 J=15.44		Reference Frame: 2MASS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	F170	(7) U10320	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]
	2	J image	(7) U10320	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]



Proposal 10879 - Visit 06 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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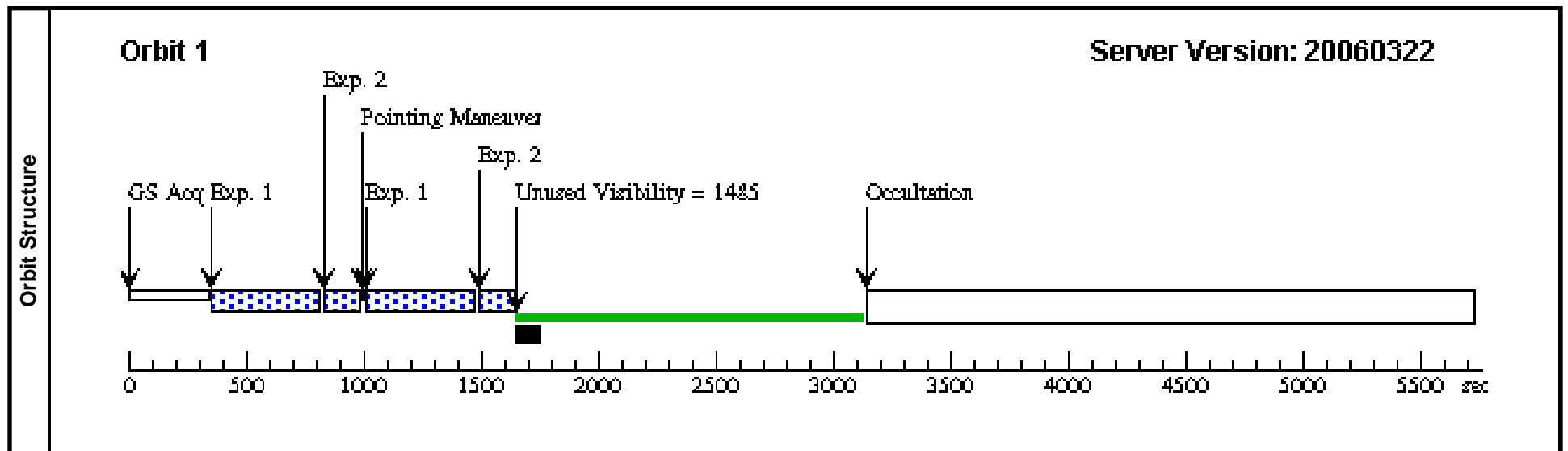
Visit	Proposal 10879, Visit 06 Priority: M Diagnostic Status: Warning Scientific Instruments: NIC1 Special Requirements: (none)									
	Diagnostics	(Visit 06) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE (Visit 06) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE (Visit 06) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE (Visit 06) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE								
Patterns		#	Primary Pattern				Secondary Pattern			
	(1)	Pattern Type=NIC-XSTRIP-DITH		Coordinate Frame=POS-TARG						(1-2)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(8)	U10176	RA: 03 18 54.0000 (49.7250000d) Dec: -34 21 29.00 (-34.35806d) Equinox: J2000				V=25.0 J=15.44		Reference Frame: 2MASS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	F170	(8) U10176	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2	J image	(8) U10176	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 10879 - Visit 08 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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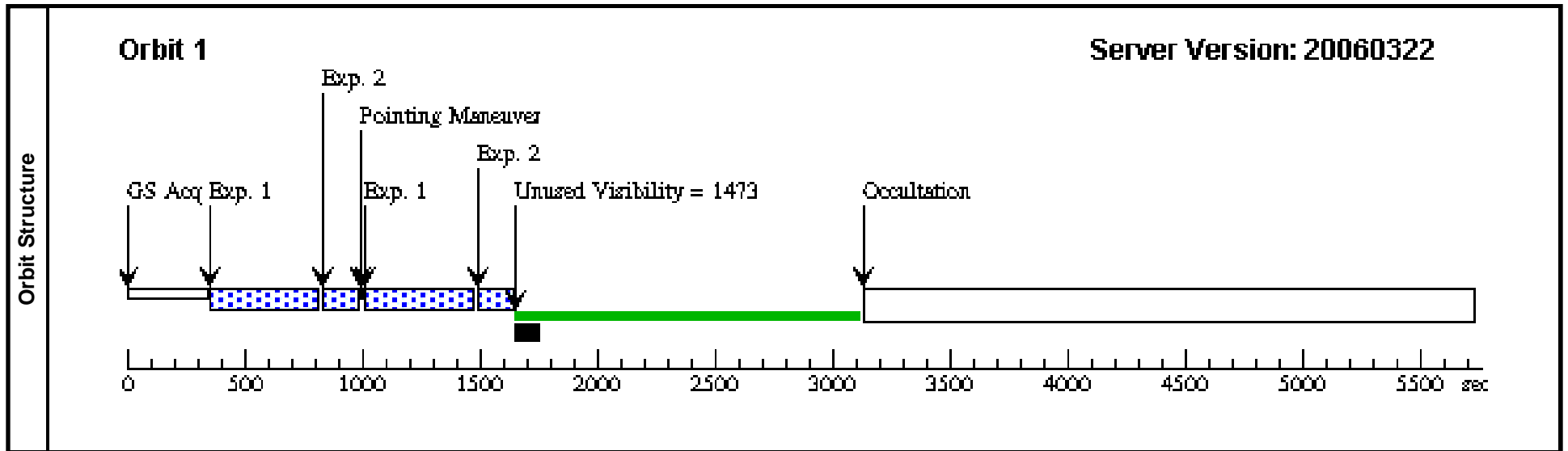
Visit	Proposal 10879, Visit 08 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: NIC1 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern				Exposures
(1)		Pattern Type=NIC-XSTRIP-DITH Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(10)	U10789	RA: 08 59 25.4000 (134.8558333d) Dec: -19 49 26.00 (-19.82389d) Equinox: J2000				V=25.0 J=15.44		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	F170	(10) U10789	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]
2	J image	(10) U10789	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



Proposal 10879 - Visit 10 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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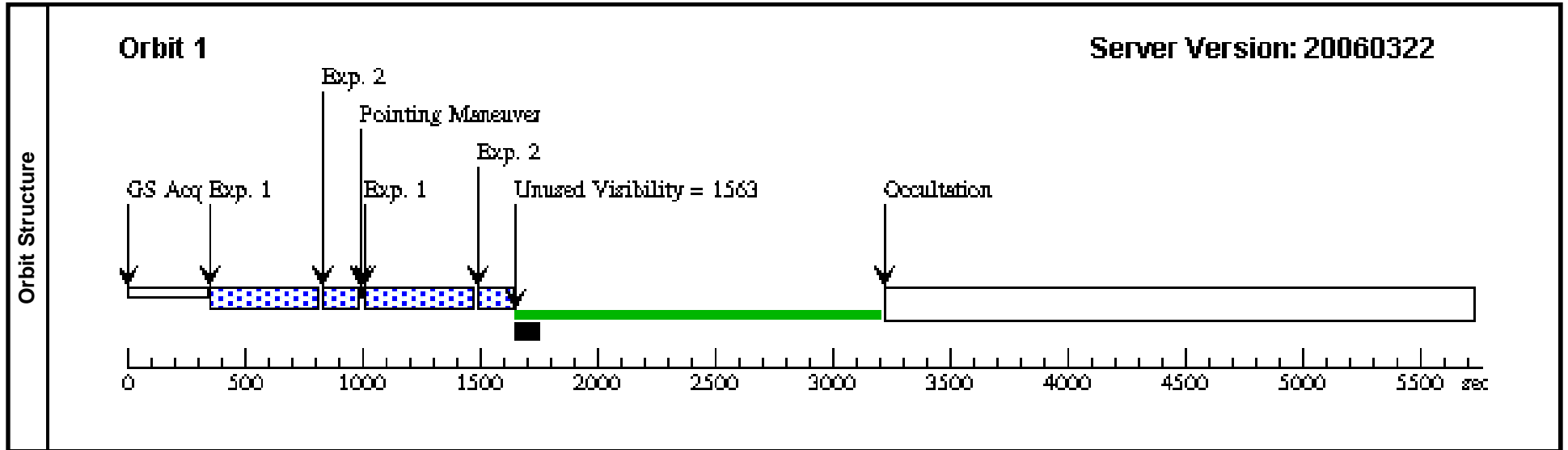
Visit	Proposal 10879, Visit 10 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: NIC1 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern				Exposures
(1)		Pattern Type=NIC-XSTRIP-DITH Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(12)	U10880	RA: 10 10 14.8000 (152.5616667d) Dec: -04 06 49.00 (-4.11361d) Equinox: J2000				V=25.0 J=15.44		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	F170	(12) U10880	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]
2	J image	(12) U10880	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



Proposal 10879 - Visit 11 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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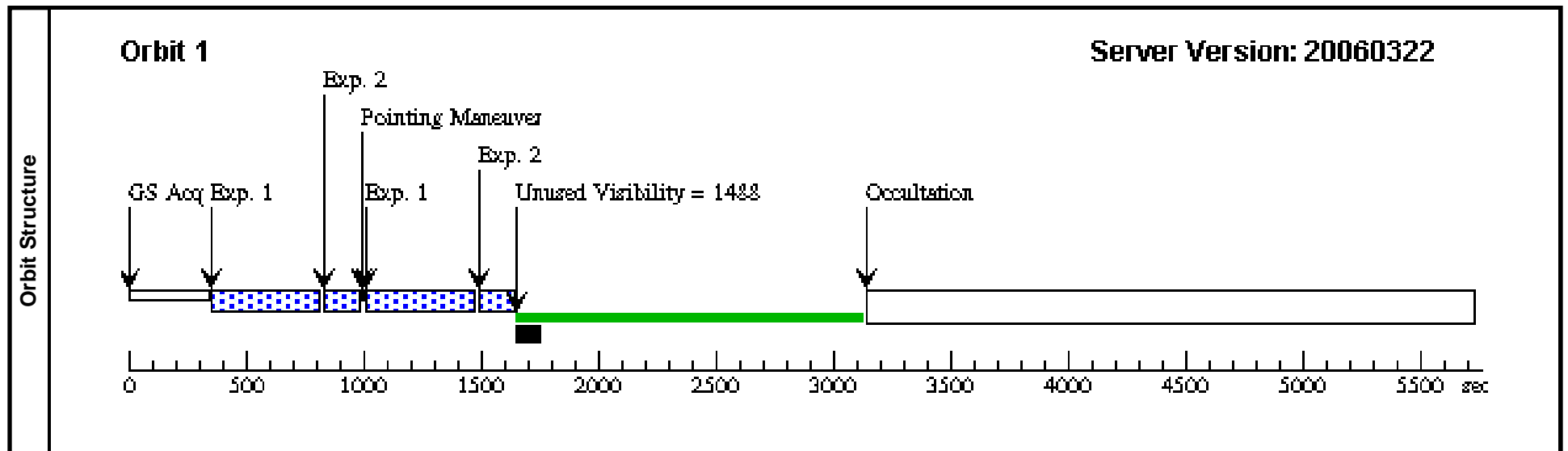
Visit	Proposal 10879, Visit 11 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: NIC1 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern				Exposures
(1)		Pattern Type=NIC-XSTRIP-DITH Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(13)	U20373	RA: 10 22 48.2100 (155.7008750d) Dec: +58 25 45.30 (58.42925d) Equinox: J2000		Proper Motion RA: -0.099s/yr Proper Motion Dec: -0.365"/yr Epoch of Position: 2000.1		V=25.0 J=15.44	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	F170	(13) U20373	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]
2	J image	(13) U20373	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



Proposal 10879 - Visit 12 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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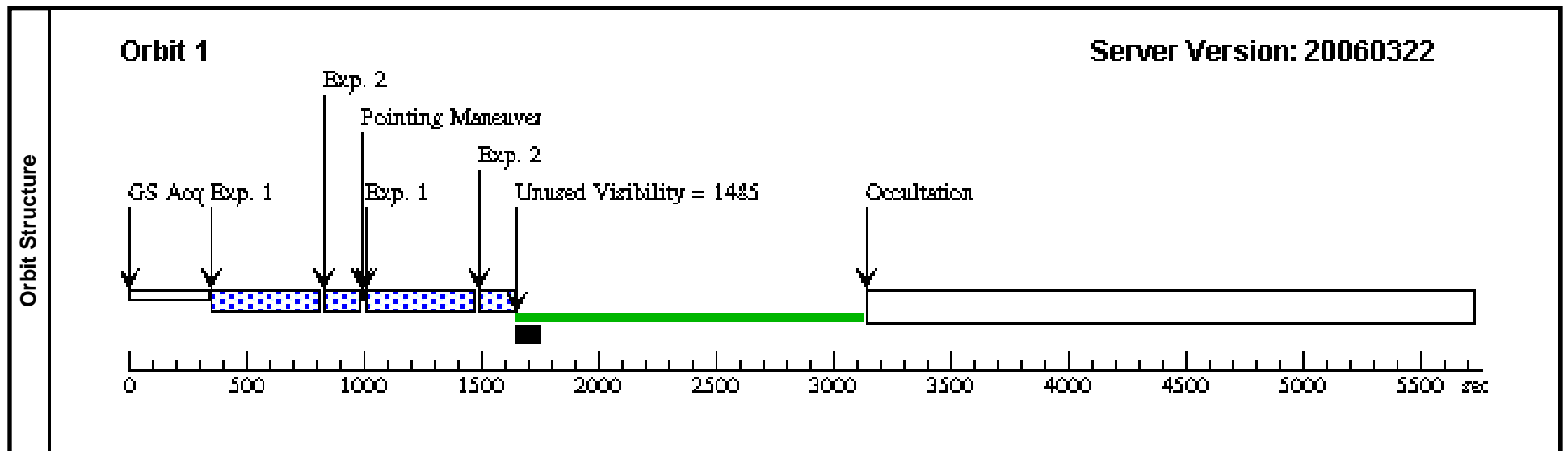
Visit	Proposal 10879, Visit 12 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: NIC1 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern				Exposures
(1)		Pattern Type=NIC-XSTRIP-DITH Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(14)	U10926	RA: 10 43 7.5800 (160.7815833d) Dec: +22 25 23.60 (22.42322d) Equinox: J2000		Proper Motion RA: -0.01s/yr Proper Motion Dec: -0.02"/yr Epoch of Position: 1998.1		V=25.0 J=15.44	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	F170	(14) U10926	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]
2	J image	(14) U10926	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



Proposal 10879 - Visit 13 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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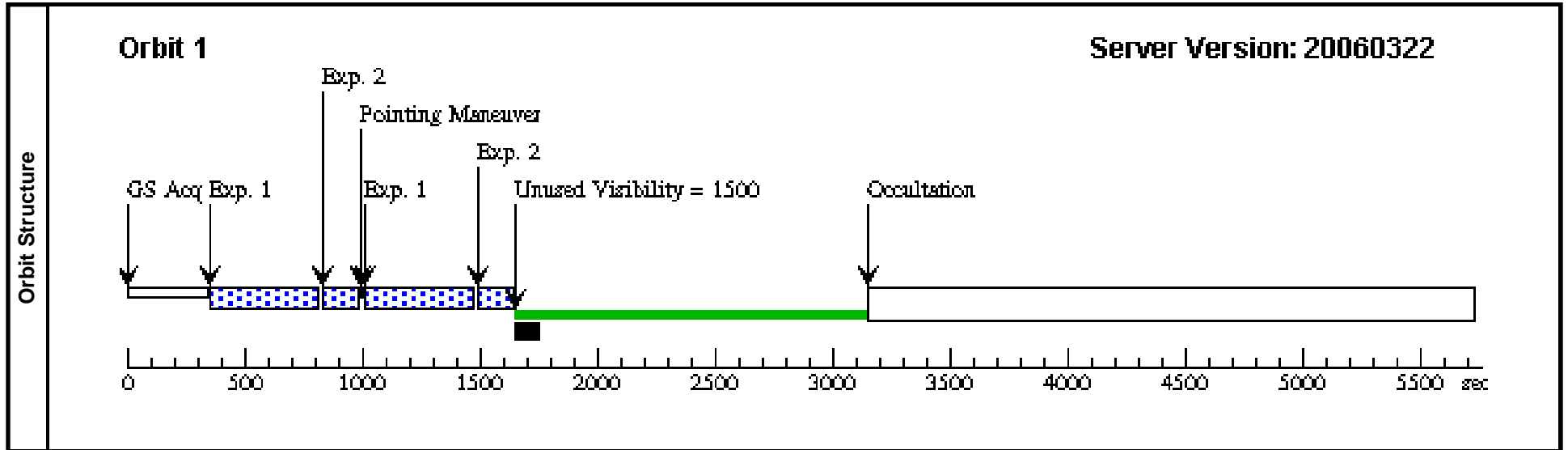
Visit	Proposal 10879, Visit 13 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: NIC1 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern				Exposures
(1)		Pattern Type=NIC-XSTRIP-DITH Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(15)	U10949	RA: 10 58 47.8700 (164.6994583d) Dec: -15 48 17.20 (-15.80478d) Equinox: J2000		Proper Motion RA: -0.017s/yr Proper Motion Dec: 0.06"/yr Epoch of Position: 1998.25		V=25.0 J=15.44	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	F170	(15) U10949	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]
2	J image	(15) U10949	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



Proposal 10879 - Visit 14 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

Sat Aug 05 01:02:19 GMT 2006

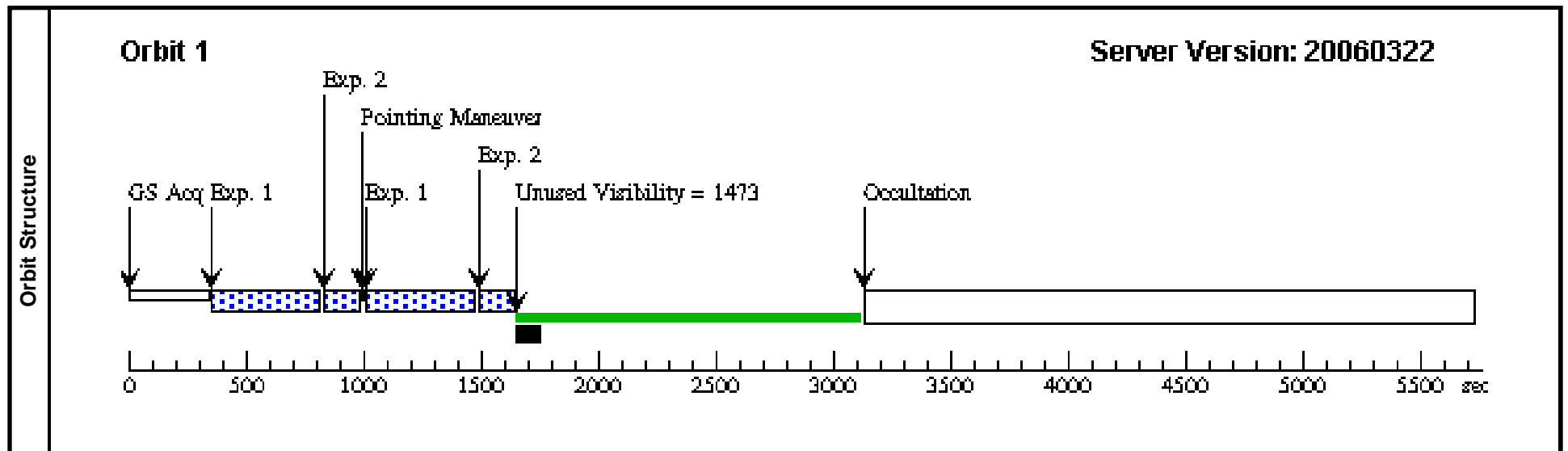
Visit	Proposal 10879, Visit 14 Priority: M Diagnostic Status: Warning Scientific Instruments: NIC1 Special Requirements: (none)									
	Diagnostics	(Visit 14) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE								
(Visit 14) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE										
(Visit 14) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE										
(Visit 14) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures
	(1)	Pattern Type=NIC-XSTRIP-DITH		Coordinate Frame=POS-TARG						(1-2)
		Purpose=DITHER		Pattern Orientation=0						
		Number Of Points=2		Angle Between Sides=						
		Point Spacing=2		Center Pattern=false						
		Line Spacing=								
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(16)	U20431	RA: 11 55 39.5200 (178.9146667d) Dec: -37 27 35.00 (-37.45972d) Equinox: J2000		Proper Motion RA: 0.007s/yr Proper Motion Dec: -0.852"/yr Epoch of Position: 1999.3		V=25.0 J=15.44	Reference Frame: 2MASS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	F170	(16) U20431	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2	J image	(16) U20431	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 10879 - Visit 15 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

Sat Aug 05 01:02:19 GMT 2006

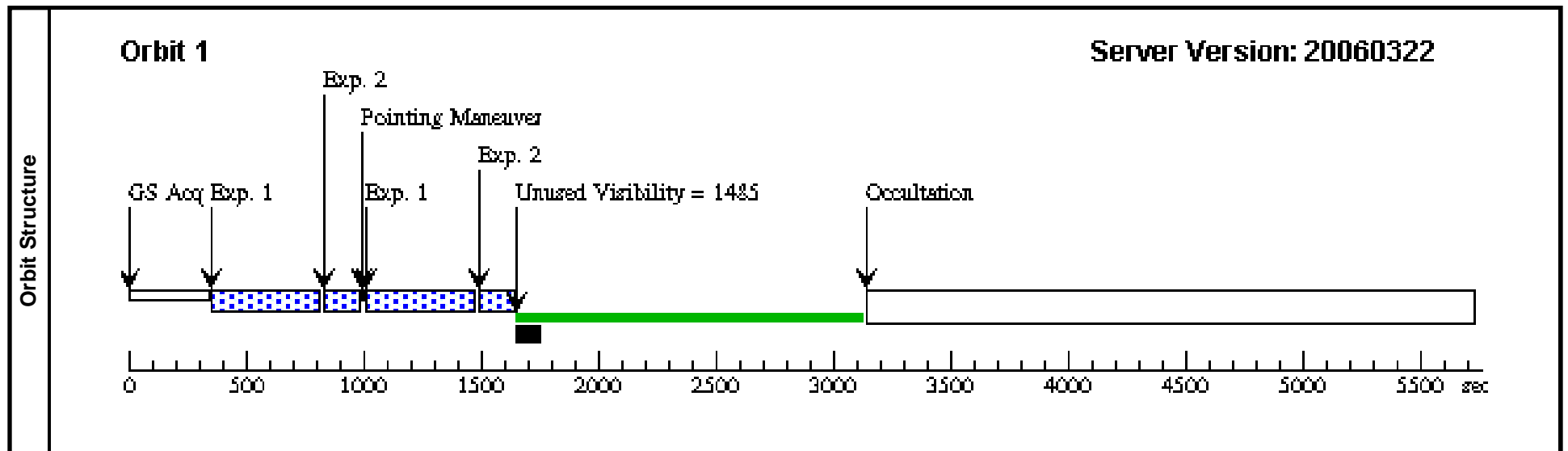
Visit	Proposal 10879, Visit 15 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: NIC1 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern				Exposures
(1)		Pattern Type=NIC-XSTRIP-DITH Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(17)	U20433	RA: 12 03 58.1200 (180.9921667d) Dec: +00 15 50.00 (.26389d) Equinox: J2000		Proper Motion RA: -0.065s/yr Proper Motion Dec: -0.226"/yr Epoch of Position: 2000.14		V=25.0 J=15.44	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	F170	(17) U20433	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]
2	J image	(17) U20433	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



Proposal 10879 - Visit 17 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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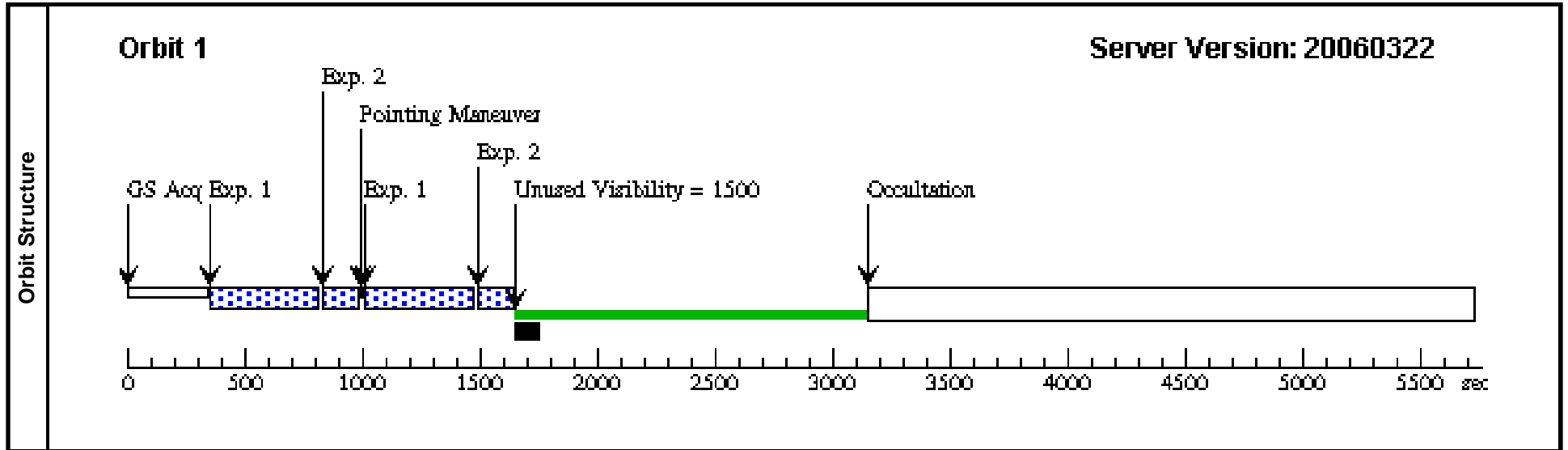
Visit	Proposal 10879, Visit 17 Priority: M Diagnostic Status: Warning Scientific Instruments: NIC1 Special Requirements: (none)										
	Diagnostics	(Visit 17) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE									
(Visit 17) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE											
(Visit 17) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE											
(Visit 17) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=NIC-XSTRIP-DITH		Coordinate Frame=POS-TARG						(1-2)	
Purpose=DITHER Pattern Orientation=0 Number Of Points=2 Angle Between Sides= Point Spacing=2 Center Pattern=false Line Spacing=											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(19)	U11115	RA: 13 00 42.5000 (195.1770833d) Dec: +19 12 35.00 (19.20972d) Equinox: J2000		Proper Motion RA: -0.0563s/yr Proper Motion Dec: -1.25"/yr Epoch of Position: 1999.25		V=25.0 J=15.44	Reference Frame: 2MASS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	F170	(19) U11115	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]
2	J image	(19) U11115	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]	



Proposal 10879 - Visit 18 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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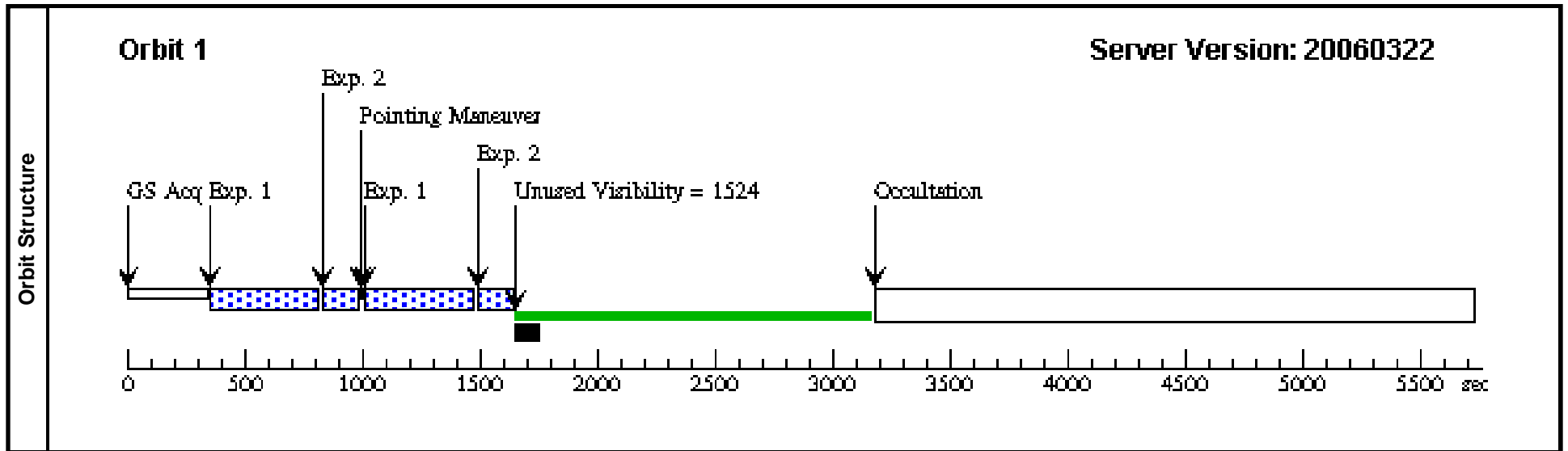
Visit	Proposal 10879, Visit 18 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: NIC1 Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=NIC-XSTRIP-DITH	Coordinate Frame=POS-TARG						(1-2)
		Purpose=DITHER	Pattern Orientation=0							
		Number Of Points=2	Angle Between Sides=							
		Point Spacing=2	Center Pattern=false							
		Line Spacing=								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(20)	U20568	RA: 14 25 27.9800 (216.3665833d)	Proper Motion RA: -0.0196s/yr	V=25.0	Reference Frame: ICRS				
		Alt Name1: -0.0196	Dec: -36 50 22.90 (-36.83969d)	Proper Motion Dec: -0.478"/yr	J=15.44					
			Equinox: J2000	Epoch of Position: 1999.7						
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	F170	(20) U20568	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2	J image	(20) U20568	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 10879 - Visit 19 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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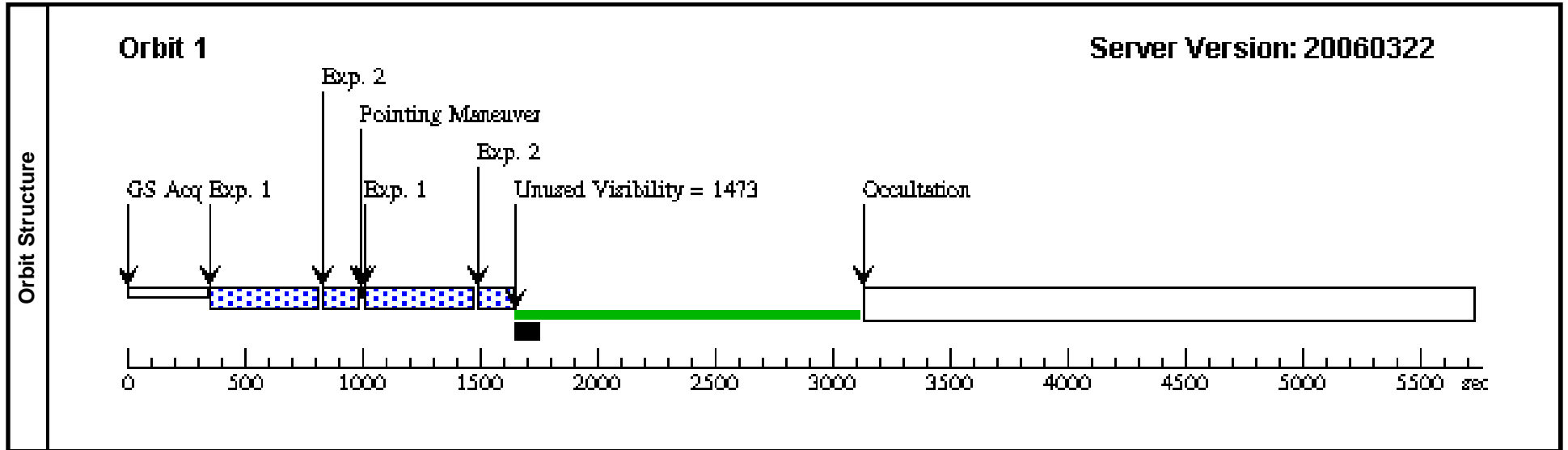
Visit	Proposal 10879, Visit 19 Priority: M Diagnostic Status: Warning Scientific Instruments: NIC1 Special Requirements: (none)										
	(Visit 19) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE (Visit 19) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE (Visit 19) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE (Visit 19) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE										
Diagnosics											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=NIC-XSTRIP-DITH		Coordinate Frame=POS-TARG						(1-2)	
Purpose=DITHER Pattern Orientation=0 Number Of Points=2 Angle Between Sides= Point Spacing=2 Center Pattern=false Line Spacing=											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(21)	U11314	RA: 15 15 0.9000 (228.7537500d) Dec: +48 47 39.00 (48.79417d) Equinox: J2000		Proper Motion RA: -0.0927s/yr Proper Motion Dec: 1.432"/yr Epoch of Position: 2000.25		V=25.0 J=15.44		Reference Frame: 2MASS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	F170	(21) U11314	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]
	2	J image	(21) U11314	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]



Proposal 10879 - Visit 20 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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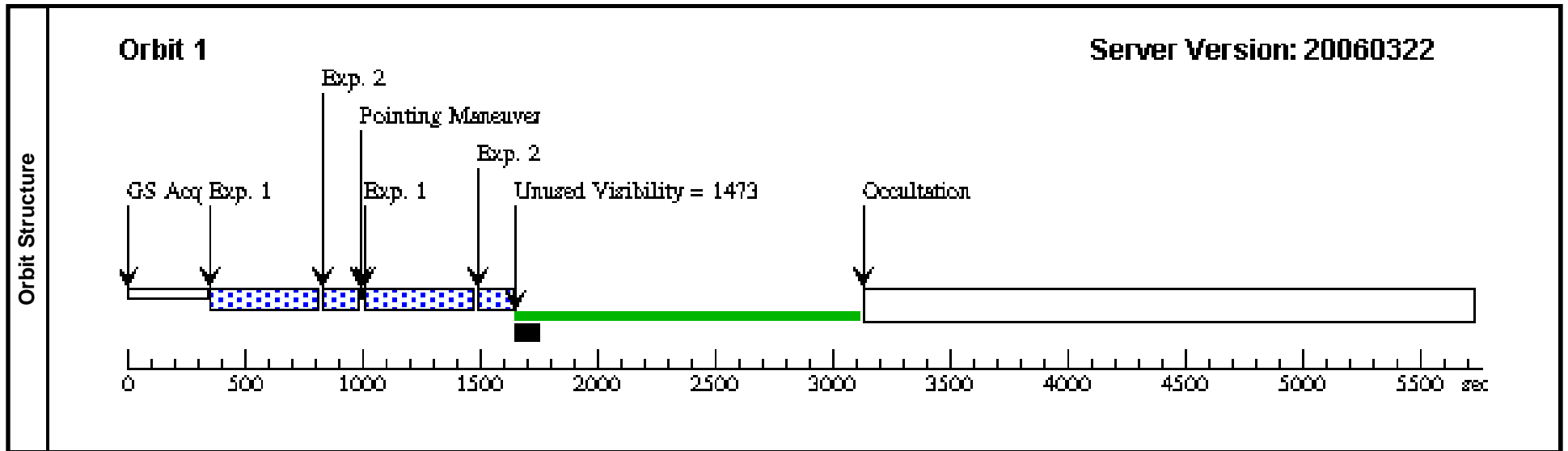
Visit	Proposal 10879, Visit 20 Priority: M Diagnostic Status: Warning Scientific Instruments: NIC1 Special Requirements: (none)									
	Diagnostics	(Visit 20) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE (Visit 20) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE (Visit 20) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE (Visit 20) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE								
Patterns		#	Primary Pattern				Secondary Pattern			
	(1)	Pattern Type=NIC-XSTRIP-DITH		Coordinate Frame=POS-TARG						(1-2)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(22)	U11946	RA: 20 02 50.7000 (300.7112500d) Dec: -05 21 52.00 (-5.36444d) Equinox: J2000				V=25.0 J=15.44		Reference Frame: 2MASS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	F170	(22) U11946	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2	J image	(22) U11946	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 10879 - Visit 21 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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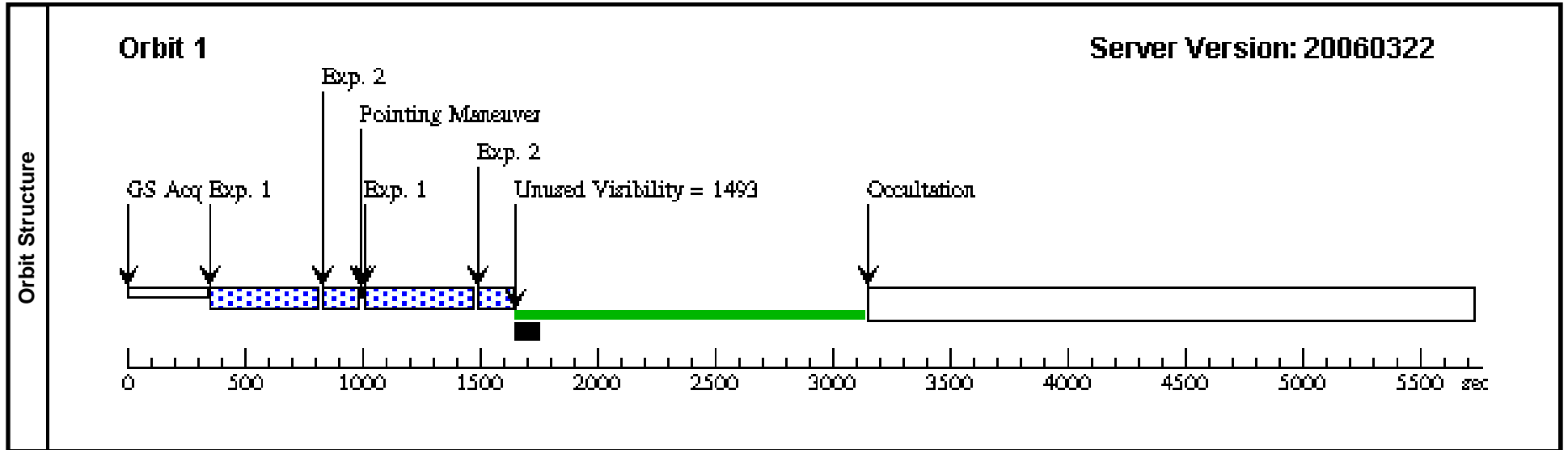
Visit	Proposal 10879, Visit 21 Priority: M Diagnostic Status: Warning Scientific Instruments: NIC1 Special Requirements: (none)										
	(Visit 21) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE (Visit 21) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE (Visit 21) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE (Visit 21) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE										
Diagnosics											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=NIC-XSTRIP-DITH		Coordinate Frame=POS-TARG						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(23)	U20866	RA: 20 28 20.3500 (307.0847917d) Dec: +00 52 26.50 (.87403d) Equinox: J2000		Proper Motion RA: 0.009s/yr Proper Motion Dec: -0.035"/yr Epoch of Position: 2000.0		V=25.0 J=15.44		Reference Frame: 2MASS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	F170	(23) U20866	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]
	2	J image	(23) U20866	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]



Proposal 10879 - Visit 22 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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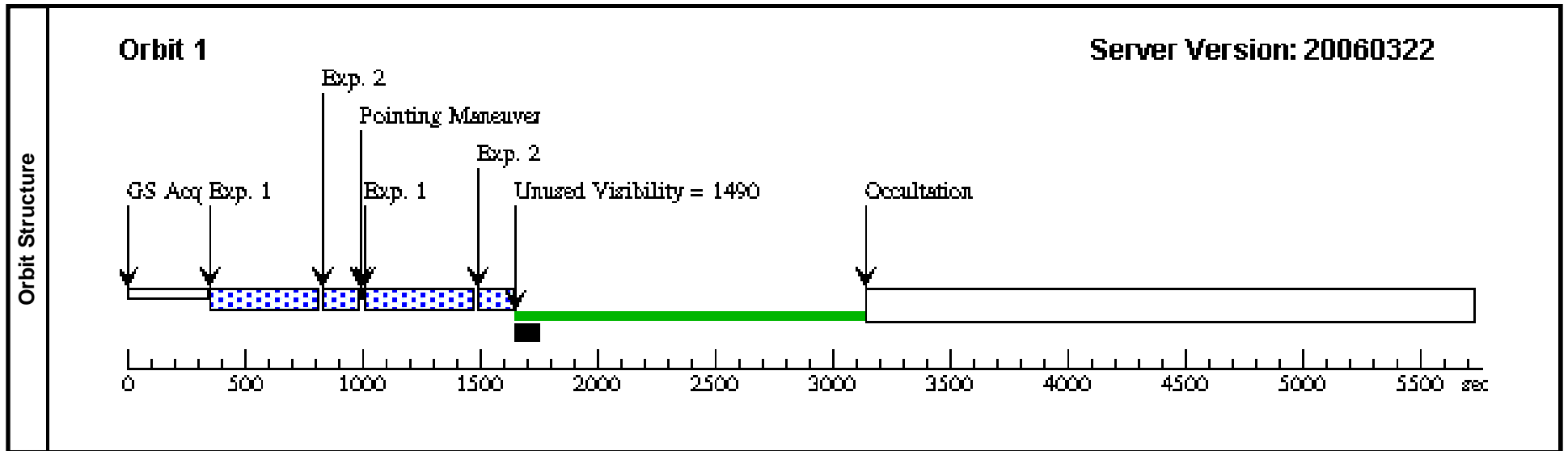
Visit	Proposal 10879, Visit 22 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: NIC1 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern				Exposures
(1)		Pattern Type=NIC-XSTRIP-DITH Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false					(1-2)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous				
	(24)	U11694	RA: 17 21 3.9000 (260.2662500d) Dec: +33 44 15.00 (33.73750d) Equinox: J2000	Proper Motion RA: -0.146s/yr Proper Motion Dec: 0.562"/yr Epoch of Position: 1998.3	V=25.0 J=15.44	Reference Frame: ICRS					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	F170	(24) U11694	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]	
2	J image	(24) U11694	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]		



Proposal 10879 - Visit 23 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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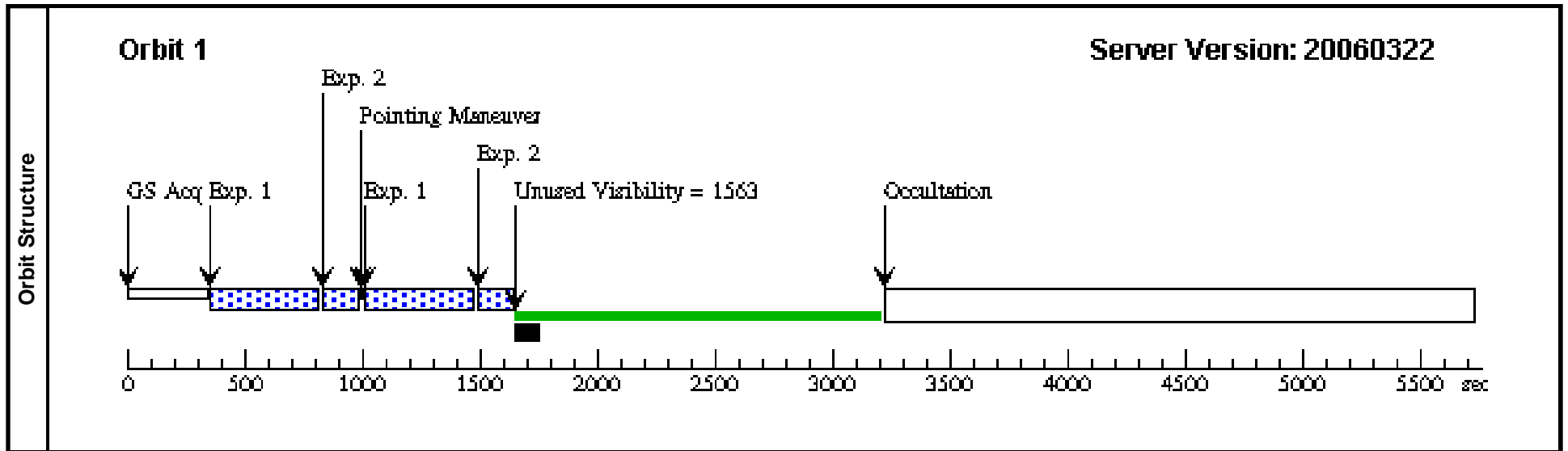
Visit	Proposal 10879, Visit 23 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: NIC1 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern				Exposures
(1)		Pattern Type=NIC-XSTRIP-DITH Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(25)	U20055	RA: 01 09 21.7000 (17.3404167d) Dec: +29 49 25.50 (29.82375d) Equinox: J2000		Proper Motion RA: 0.077s/yr Proper Motion Dec: 0.35"/yr Epoch of Position: 1997.87		V=25.0 J=12.91	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	F170	(25) U20055	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]
2	J image	(25) U20055	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]	



Proposal 10879 - Visit 24 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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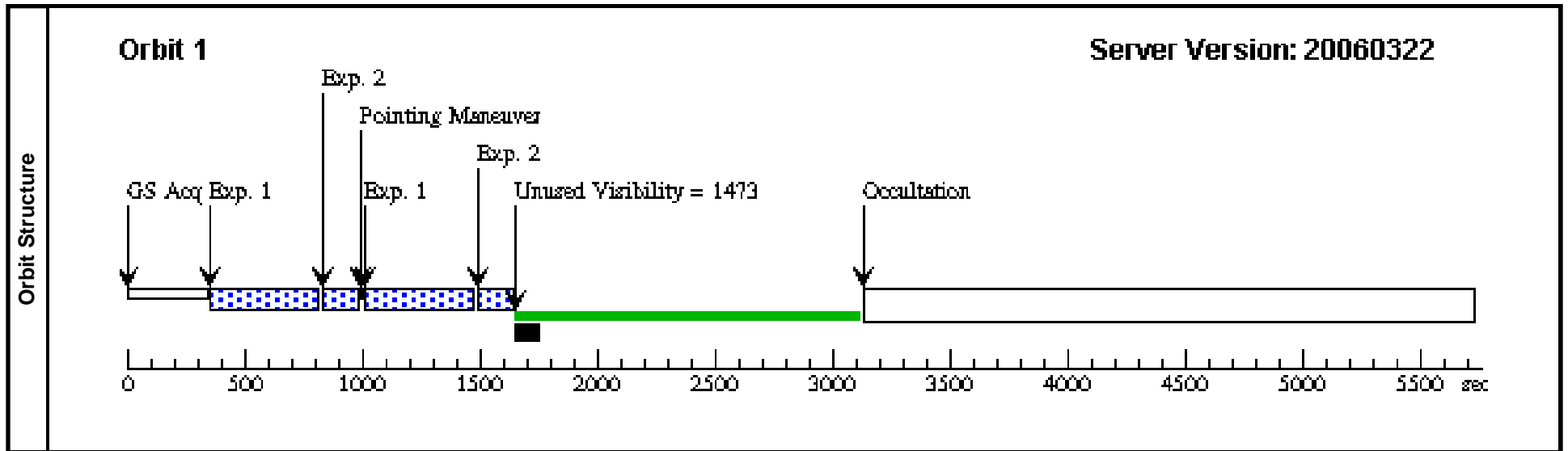
Visit	Proposal 10879, Visit 24 Priority: M Diagnostic Status: Warning Scientific Instruments: NIC1 Special Requirements: (none)										
	Diagnostics	(Visit 24) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE									
(Visit 24) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE											
(Visit 24) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE											
(Visit 24) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=NIC-XSTRIP-DITH		Coordinate Frame=POS-TARG						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(26)	U20979	RA: 22 55 18.6100 (343.8275417d) Dec: -57 13 5.60 (-57.21822d) Equinox: J2000		Proper Motion RA: -0.0394s/yr Proper Motion Dec: -0.322"/yr Epoch of Position: 2000.0		V=25.0 J=15.44	Reference Frame: 2MASS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	F170	(26) U20979	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]
	2	J image	(26) U20979	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]



Proposal 10879 - Visit 25 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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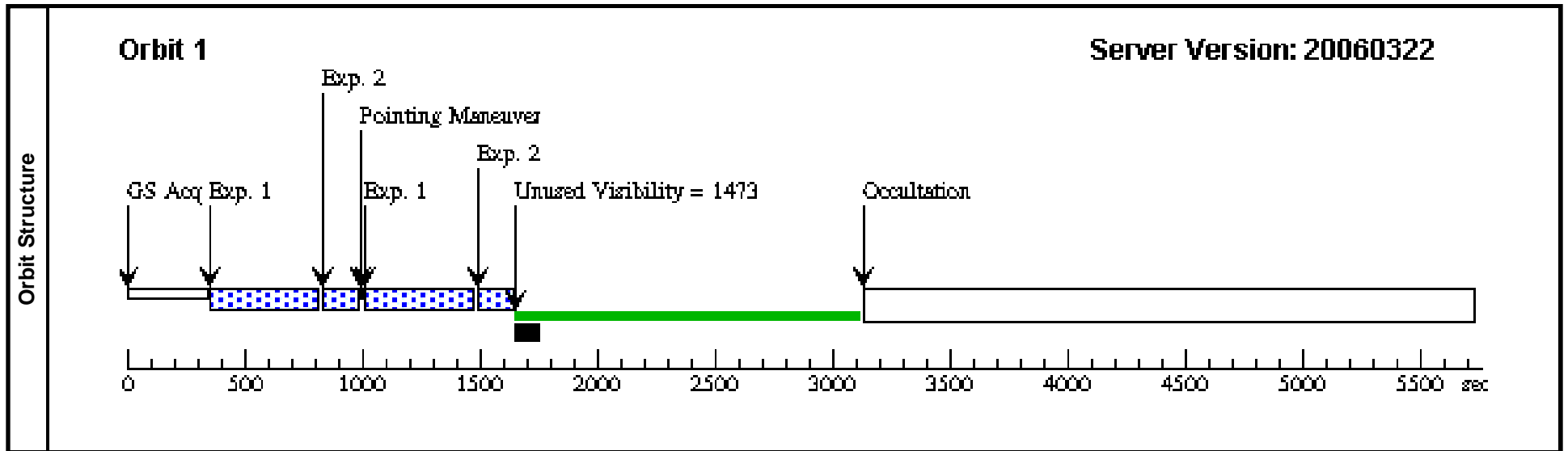
Visit	Proposal 10879, Visit 25 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: NIC1 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern				Exposures
(1)		Pattern Type=NIC-XSTRIP-DITH Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous				
	(4)	U10151	RA: 02 51 14.8000 (42.8116667d) Dec: -03 52 45.00 (-3.87917d) Equinox: J2000	Proper Motion RA: 0.0747s/yr Proper Motion Dec: -1.872"/yr Epoch of Position: 1998.8		V=25.0 J=15.44	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	F170	(4) U10151	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]
2	J image	(4) U10151	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]	



Proposal 10879 - Visit 26 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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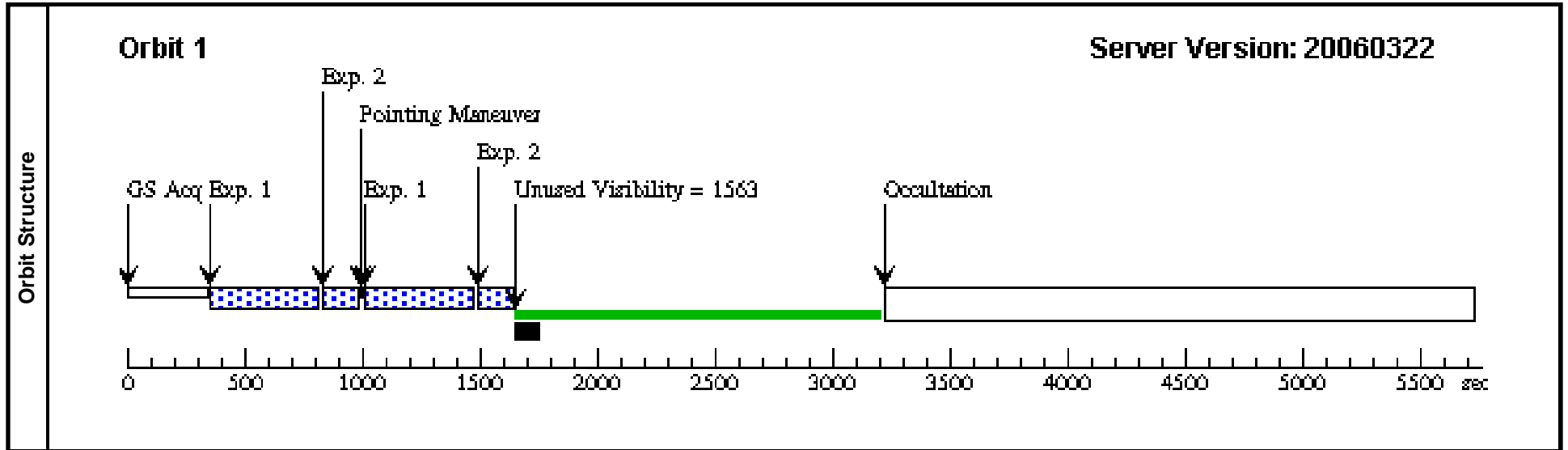
Visit	Proposal 10879, Visit 26 Priority: M Diagnostic Status: Warning Scientific Instruments: NIC1 Special Requirements: (none)									
	Diagnostics	(Visit 26) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE (Visit 26) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE (Visit 26) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE (Visit 26) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE								
Patterns		#	Primary Pattern				Secondary Pattern			
	(1)	Pattern Type=NIC-XSTRIP-DITH		Coordinate Frame=POS-TARG						(1-2)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(5)	U12128	RA: 22 24 43.8000 (336.1825000d) Dec: -01 58 52.00 (-1.98111d) Equinox: J2000		Proper Motion RA: 0.032s/yr Proper Motion Dec: -0.86"/yr Epoch of Position: 1998.8		V=25.0 J=15.44	Reference Frame: 2MASS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	F170	(5) U12128	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2	J image	(5) U12128	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 10879 - Visit 27 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

Sat Aug 05 01:02:21 GMT 2006

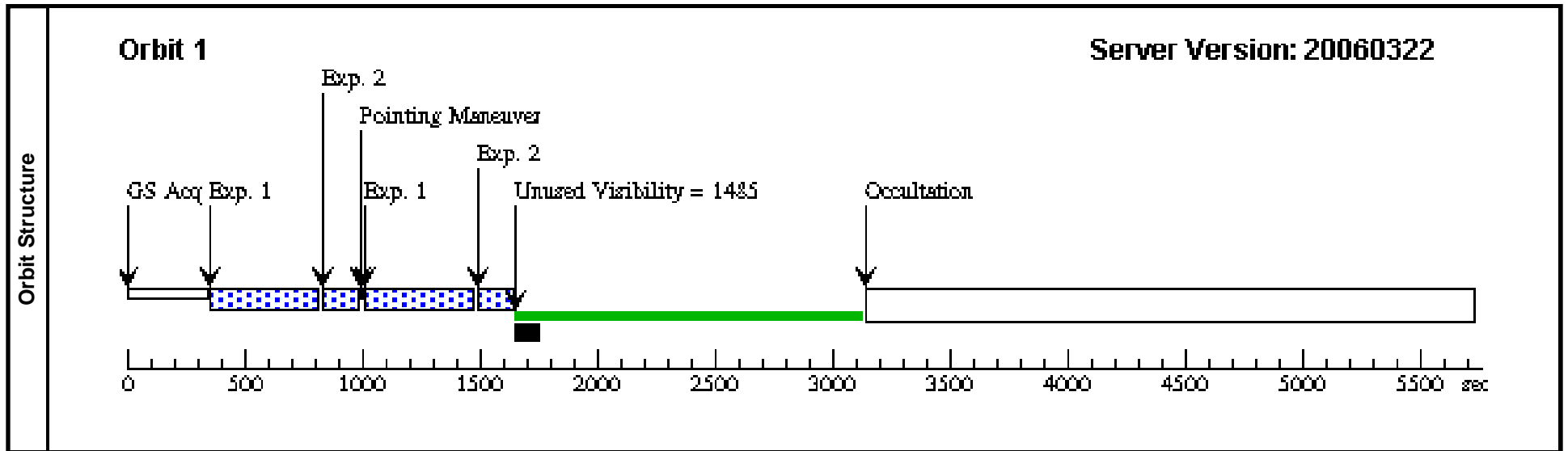
Visit	Proposal 10879, Visit 27 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: NIC1 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern				Exposures
(1)		Pattern Type=NIC-XSTRIP-DITH Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(9)	U20320	RA: 08 57 58.4900 (134.4937083d) Dec: +57 08 51.40 (57.14761d) Equinox: J2000		Proper Motion RA: 0.0275s/yr Proper Motion Dec: 0.0"/yr Epoch of Position: 1999.9		V=25.0 J=15.44	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	F170	(9) U20320	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]
2	J image	(9) U20320	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



Proposal 10879 - Visit 28 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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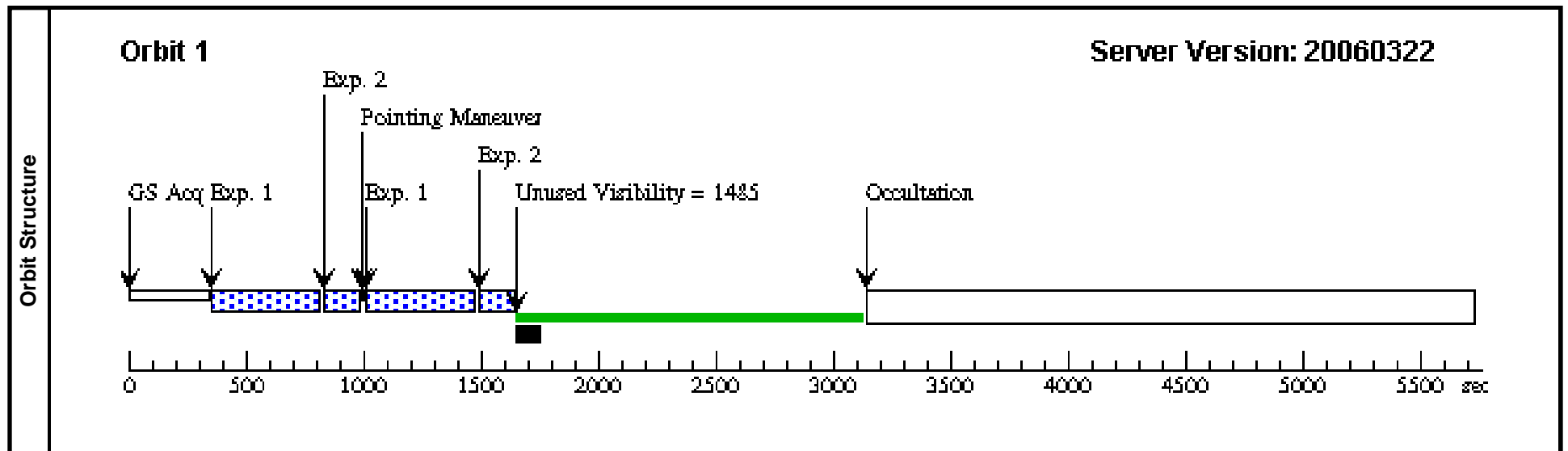
Visit	Proposal 10879, Visit 28 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: NIC1 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern				Exposures
(1)		Pattern Type=NIC-XSTRIP-DITH Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(27)	U20562	RA: 14 21 31.4500 (215.3810417d) Dec: +18 27 40.70 (18.46131d) Equinox: J2000		Proper Motion RA: -0.0526s/yr Proper Motion Dec: -0.1789"/yr Epoch of Position: 1999.33		V=25.0 J=15.44	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	F170	(27) U20562	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]
2	J image	(27) U20562	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]	



Proposal 10879 - Visit 29 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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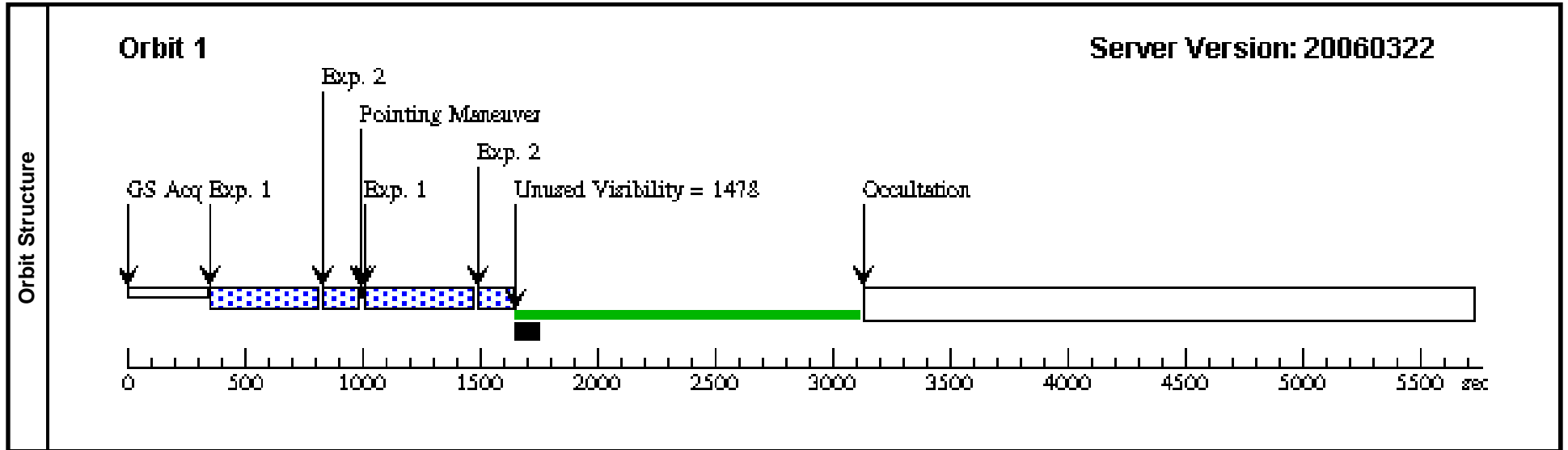
Visit	Proposal 10879, Visit 29 Priority: M Diagnostic Status: Warning Scientific Instruments: NIC1 Special Requirements: (none)									
	Diagnosics (Visit 29) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE (Visit 29) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE (Visit 29) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE (Visit 29) Warning: REFERENCE-FRAME MUST BE ICRS OR GSC1 FOR SMALL APERTURE									
Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
	(1)	Pattern Type=NIC-XSTRIP-DITH Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=0 Number Of Points=2 Angle Between Sides= Point Spacing=2 Center Pattern=false Line Spacing=							(1-2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(28)	U20581	RA: 14 39 28.3600 (219.8681667d) Dec: +19 29 14.90 (19.48747d) Equinox: J2000	Proper Motion RA: -0.0868s/yr Proper Motion Dec: 0.402"/yr Epoch of Position: 1997.5		V=25.0 J=15.44	Reference Frame: 2MASS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	F170	(28) U20581	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	J image	(28) U20581	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 10879 - Visit 09 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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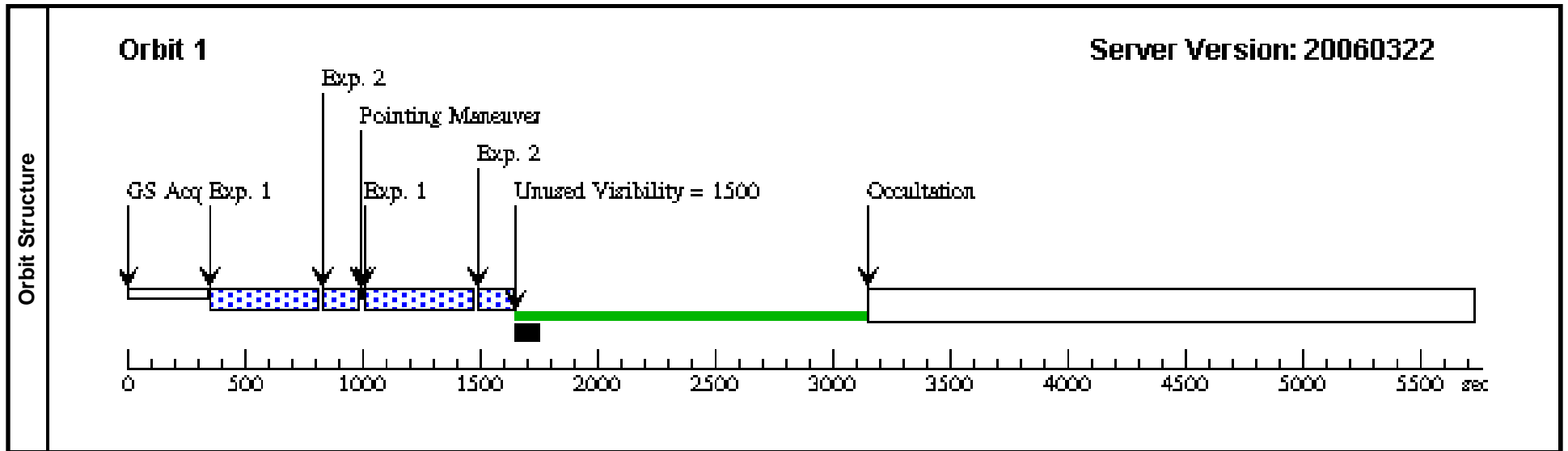
Visit	Proposal 10879, Visit 09 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: NIC1 Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=NIC-XSTRIP-DITH	Coordinate Frame=POS-TARG						(1-2)
		Purpose=DITHER	Pattern Orientation=0							
		Number Of Points=2	Angle Between Sides=							
		Point Spacing=2	Center Pattern=false							
		Line Spacing=								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(29)	U11291	RA: 15 06 54.4100 (226.7267083d) Dec: +13 21 6.00 (13.35167d) Equinox: J2000	Proper Motion RA: -0.0757s/yr Proper Motion Dec: 0.039"/yr Epoch of Position: 1999.2	V=25.0 J=15.44	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	F170	(29) U11291	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2	J image	(29) U11291	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 10879 - Visit 07 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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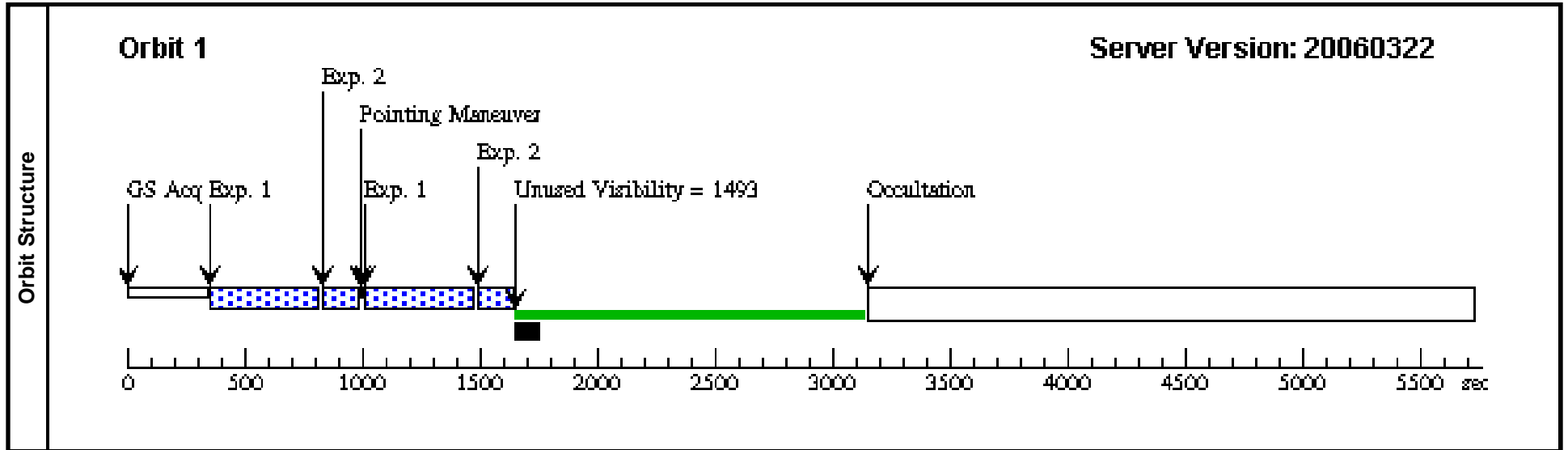
Visit	Proposal 10879, Visit 07 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: NIC1 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern				Exposures
(1)		Pattern Type=NIC-XSTRIP-DITH Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(30)	U12145	RA: 22 37 32.5500 (339.3856250d) Dec: +39 22 39.80 (39.37772d) Equinox: J2000		Proper Motion RA: 0.0009s/yr Proper Motion Dec: -0.34"/yr Epoch of Position: 1998.8		V=25.0 J=13.43	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	F170	(30) U12145	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]
2	J image	(30) U12145	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]	



Proposal 10879 - Visit 30 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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Visit	Proposal 10879, Visit 30 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: NIC1 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern				Exposures
(1)		Pattern Type=NIC-XSTRIP-DITH Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(31)	U40001	RA: 10 25 52.2700 (156.4677917d) Dec: +32 12 34.90 (32.20969d) Equinox: J2000		Proper Motion RA: 0.0s/yr Proper Motion Dec: 0.0"/yr Epoch of Position: 1999.45		V=25.0 J=15.9		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	F170	(31) U40001	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]
2	J image	(31) U40001	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



Proposal 10879 - Visit 31 - A search for planetary-mass companions to the nearest L dwarfs - completing the survey

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Visit	Proposal 10879, Visit 31 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: NIC1 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern				Exposures
(1)		Pattern Type=NIC-XSTRIP-DITH Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(32)	U40003	RA: 21 48 16.3300 (327.0680417d) Dec: +40 03 59.40 (40.06650d) Equinox: J2000		Proper Motion RA: 0.0s/yr Proper Motion Dec: 0.0"/yr Epoch of Position: 1999.45		V=25.0 J=14.8		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	F170	(32) U40003	NIC1, MULTIACCUM, NIC1	F170M	NSAMP=15; SAMP-SEQ=STEP6 4		Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]
2	J image	(32) U40003	NIC1, MULTIACCUM, NIC1	F110W	NSAMP=15; SAMP-SEQ=STEP1 6		Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]	

