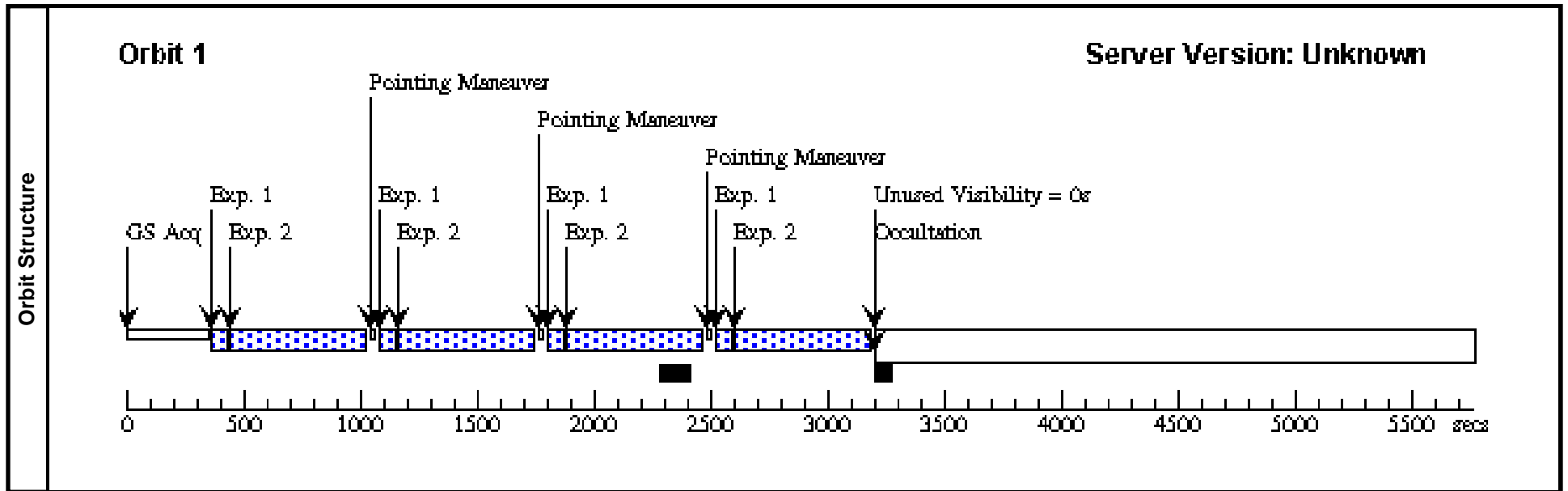


Proposal 19999 Visit 01

Thu Jul 01 20:11:08 GMT 2004

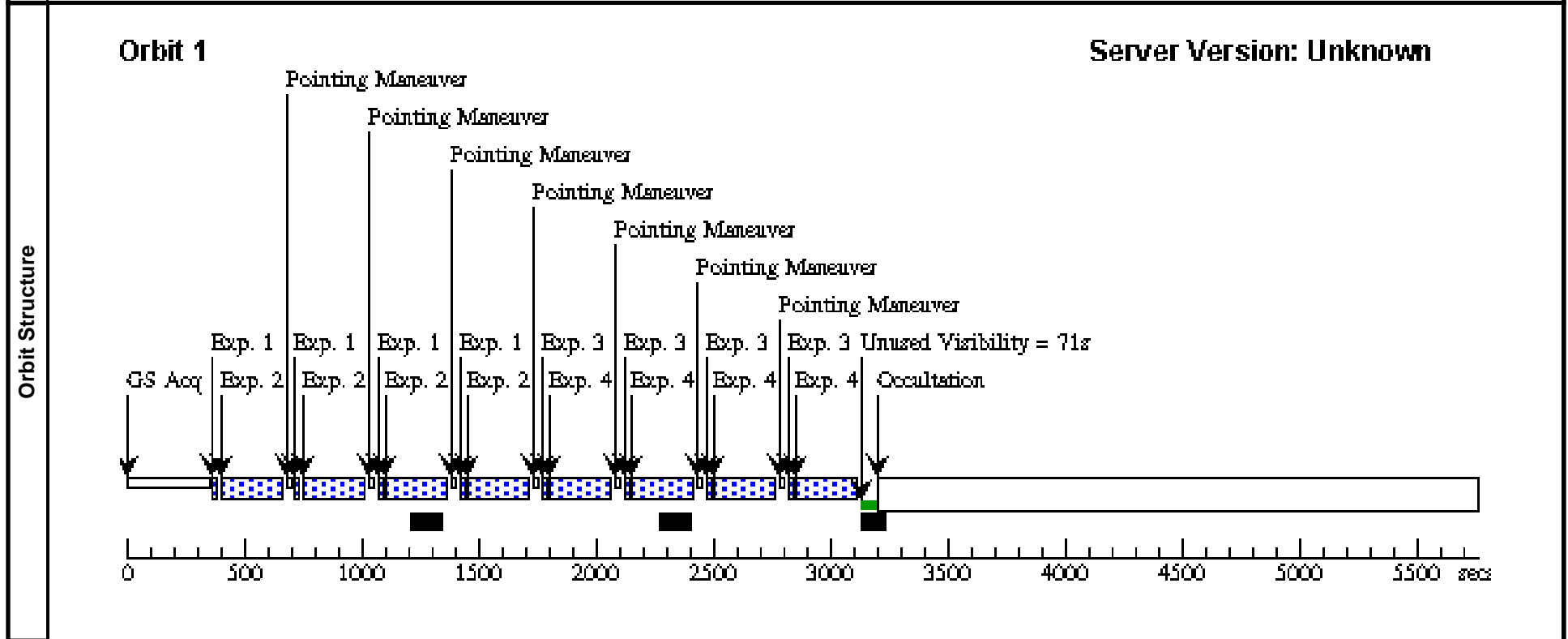
Visit	Proposal 19999, Visit 01 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: (none) <i>Comments: The pattern is centered on the detector and the target will end up roughly in the center of each of the four quadrants ON THE UNDISPERSED (F160W) image. However, this is NOT what you want, because in this case the spectra are not centered and in fact the long wavelength part falls off the detector. What you want to do is to displace the pattern by roughly 13 pixels (2.648854 arcsec) in positive x-direction on the detector. A POS TARG (x=2.648854 y=0.0) is used to move the spectrum.</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=NIC-SPIRAL-DITH		Coordinate Frame=POS-TARG					(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(1)	SDSSPJ104433.04-012502.2	RA: 10 44 33.04 (161.13767d) Dec: -01 25 2.2 (-1.41728d) Equinox: J2000 Plate Id: (?)				V=21.81+/-0.1 F-CONT(16000) = 1 +/- 0.5 E-17		Coordinate Source: Sloan Digital Sky Survey	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	10	(1) SDSSPJ104433.04-012502.2	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP8 ; NSAMP=12	POS TARG 2.64885 4,0	Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
<i>Comments: direct image of target, exp=55.945</i>										
2	20	(1) SDSSPJ104433.04-012502.2	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP6 4; NSAMP=17	POS TARG 2.64885 4,0	Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]	
<i>Comments: grism spectrum of target, exp=575.953</i>										



Visit	Proposal 19999, Visit 02 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: (none) <i>Comments: The pattern is centered on the detector and the target will end up roughly in the center of each of the four quadrants ON THE UNDISPERSED (F110W, F160W) images. However, this is NOT what you want, because in this case the spectra are not centered and in fact the long wavelength part falls off the detector. What you want to do is to displace the pattern by roughly 13 pixels (2.648854 arcsec) in positive x-direction on the detector. A POS TARG (x=2.648854 y=0.0) is used to move the spectrum.</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=NIC-SPIRAL-DITH		Coordinate Frame=POS-TARG					(1-2), (3-4)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	KELU1	RA: 13 05 40.2 (196.41750d) Dec: +25 41 6.0 (25.68500d) Equinox: J2000 Plate Id: (?)		Proper Motion RA: -0.0234s/yr Proper Motion Dec: -0.0305"/yr Epoch of Position: 1993.2		V=25.0+/-0.1 J = 13.17 H = 12.32 K = 11.79		Coordinate Source: Ruiz et al., 1997ApJ, dec20		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	10	(2) KELU1	NIC3, MULTIACCUM, NIC3-FIX	F110W	SAMP-SEQ=STEP1 ; NSAMP=13	POS TARG 2.64885 4,0	Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
	<i>Comments: direct image of target, exp=10.975sec</i>										
	2	20	(2) KELU1	NIC3, MULTIACCUM, NIC3-FIX	G096	SAMP-SEQ=STEP3 2; NSAMP=15	POS TARG 2.64885 4,0	Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
<i>Comments: grism spectrum of target, exp=255.969</i>											
3	30	(2) KELU1	NIC3, MULTIACCUM, NIC3-FIX	F160W	SAMP-SEQ=STEP1 ; NSAMP=10	POS TARG 2.64885 4,0	Pattern 3-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]		
<i>Comments: direct image of target, exp=7.981</i>											

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		4	40	(2) KELU1	NIC3, MULTIACCUM, NIC3-FIX	G141	SAMP-SEQ=STEP3 2; NSAMP=15	POS TARG 2.64885 4,0	Pattern 3-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]

Comments: grism spectrum of target, exp=255.969



Visit	Proposal 19999, Visit 03 Diagnostic Status: No Diagnostics Scientific Instruments: NIC3 Special Requirements: (none) <i>Comments: The pattern is centered on the detector and the target will end up roughly in the center of each of the four quadrants ON THE UNDISPERSED (F175W) images. However, this is NOT what you want, because in this case the spectra are not centered and in fact the long wavelength part falls off the detector. What you want to do is to displace the pattern by roughly 13 pixels (2.648854 arcsec) in positive x-direction on the detector. A POS TARG (x=2.648854 y=0.0) is used to move the spectrum.</i> <i>The G206 grism is impacted by the thermal background emission from HST. G206 grism exposures should be short due to the thermal background. For isolated point sources, dithering of the spectrum on the detector is recommended with lots of exposures.</i>										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=NIC-SPIRAL-DITH Purpose=MOSAIC Number Of Points=4 Point Spacing=26.214 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.1 Angle Between Sides= Center Pattern=true						(1-2), (3-4), (5-6)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous				
	(2)	KELU1	RA: 13 05 40.2 (196.41750d) Dec: +25 41 6.0 (25.68500d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: -0.0234s/yr Proper Motion Dec: -0.0305"/yr Epoch of Position: 1993.2	V=25.0+/-0.1 J = 13.17 H = 12.32 K = 11.79		Coordinate Source: Ruiz et al., 1997ApJ, dec20				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	10	(2) KELU1	NIC3, MULTIACCUM, NIC3-FIX	F175W	SAMP-SEQ=STEP1 ; NSAMP=10	POS TARG 2.64885 4,0	Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
	<i>Comments: direct image of target, exp=7.981</i>										
	2	20	(2) KELU1	NIC3, MULTIACCUM, NIC3-FIX	G206	SAMP-SEQ=STEP1 6; NSAMP=12	POS TARG 2.64885 4,0	Pattern 1-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
<i>Comments: grism spectrum of target, exp=95.945</i>											
3	30	(2) KELU1	NIC3, MULTIACCUM, NIC3-FIX	F175W	SAMP-SEQ=STEP1 ; NSAMP=10	POS TARG 2.64885 4,-6.496384	Pattern 3-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]		
<i>Comments: direct image of target, exp=7.981 sec, moved target down 32 pixels on detector</i>											

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Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	4	40	(2) KELU1	NIC3, MULTIACCUM, NIC3-FIX	G206	SAMP-SEQ=STEP1 6; NSAMP=12	POS TARG 2.64885 4,-6.496384	Pattern 3-4 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
	<i>Comments: grism spectrum of target, exp=95.945 sec, move spectrum down 32 pixels on detector</i>										
	5	50	(2) KELU1	NIC3, MULTIACCUM, NIC3-FIX	F175W	SAMP-SEQ=STEP1 ; NSAMP=10	POS TARG 2.64885 4,6.496384	Pattern 5-6 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
<i>Comments: direct image of target, exp=7.981 sec, moved target up 32 pixels on detector</i>											
6	60	(2) KELU1	NIC3, MULTIACCUM, NIC3-FIX	G206	SAMP-SEQ=STEP1 6; NSAMP=12	POS TARG 2.64885 4,6.496384	Pattern 5-6 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]		
<i>Comments: grism spectrum of target, exp=95.945 sec, move spectrum up 32 pixels on detector</i>											

