



10762 - The Long X-ray Jet of Quasar 4C19.44

Cycle: 14, Proposal Category: GO

(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	(2) 4C-19.44	ACS/WFC	2	06-Feb-2006 21:11:22.0	yes
02	(2) 4C-19.44	ACS/WFC	3	06-Feb-2006 21:11:30.0	yes

5 Total Orbits Used

ABSTRACT

We propose to obtain a high signal/noise image of the very long jet of 4C 19.44. The observation should provide sufficient counts per jet feature to obtain X-ray spectral indices capable of discriminating between spectral models of the jet. We will examine the data for offsets between X-ray and radio features and compare the beaming of the kpc jet with the information obtained from the pc scale using VLBI.

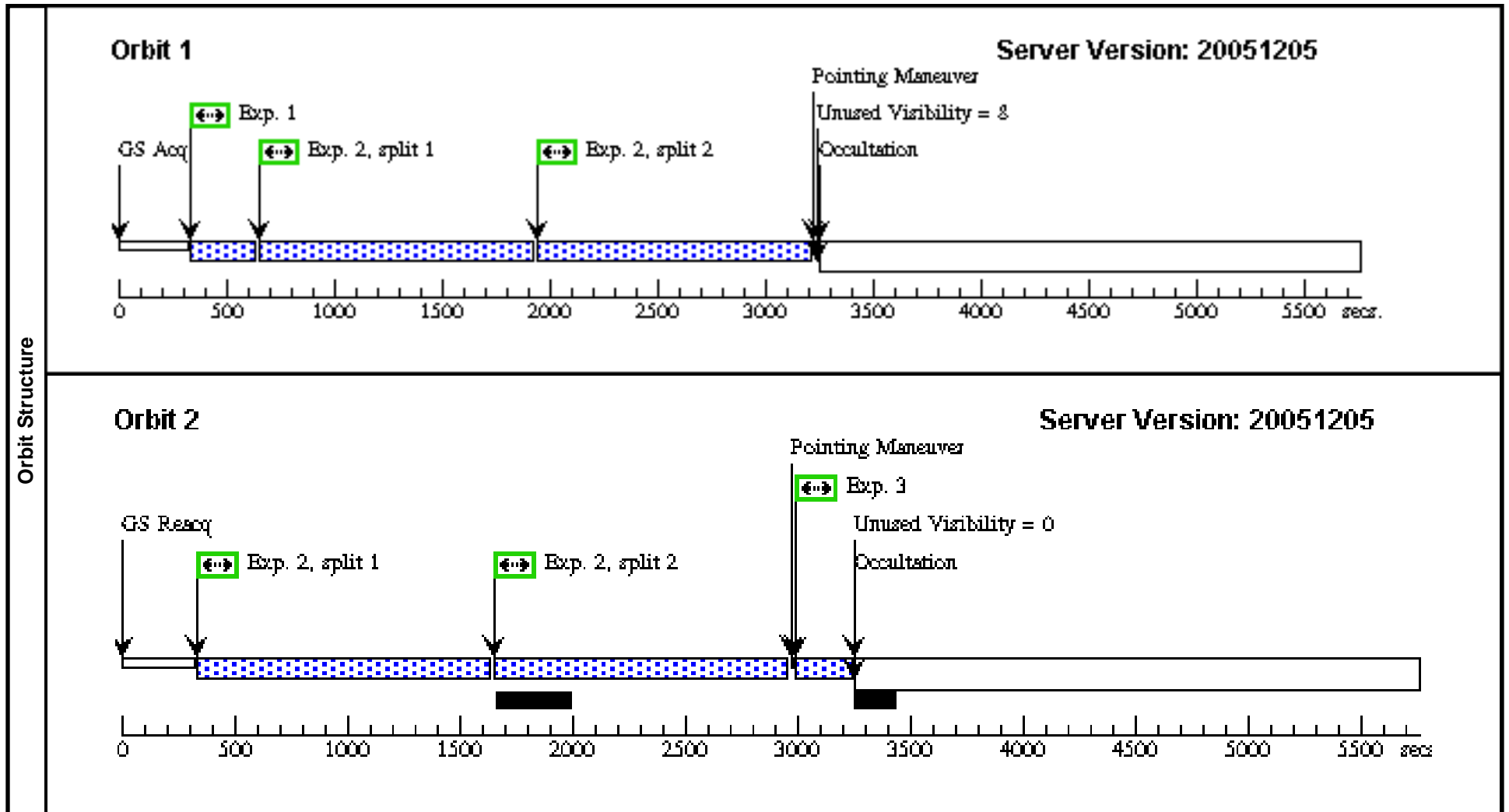
OBSERVING DESCRIPTION

We include 2 bands, 2 orbits at F475W and 3 orbits at F814W. Short exposures are being done to aid PSF subtraction.

Proposal 10762 - Visit 01 - The Long X-ray Jet of Quasar 4C19.44

Tue Feb 07 02:11:33 GMT 2006

Visit		Proposal 10762, Visit 01								
Patterns		Primary Pattern		Secondary Pattern			Exposures			
		Diagnostic Status: No Diagnostics								
		Scientific Instruments: ACS/WFC								
		Special Requirements: ORIENT 227.0D TO 257.0 D; ORIENT 317.0D TO 347.0 D; ORIENT 137.0D TO 167.0 D; ORIENT 47.0D TO 77.0 D								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	4C-19.44	RA: 13 57 4.4367 (209.2684862d) Dec: +19 19 7.37 (19.31871d) Equinox: J2000 Plate Id: (?)		V=16.02	Coordinate Source: SIMBAD				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(2) 4C-19.44	ACS/WFC, ACCUM, WFC1-2K	F475W	CR-SPLIT=NO			40.0 Secs	
									[==>]	[1]
	2		(2) 4C-19.44	ACS/WFC, ACCUM, WFC1-2K	F475W	CR-SPLIT=2		Pattern 2-2 (1)	2206.0 Secs	
									[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)]	[1]
								[==>1133.0 Secs (Pattern 2, Split 1)] [==>1133.0 Secs (Pattern 2, Split 2)]	[2]	
3		(2) 4C-19.44	ACS/WFC, ACCUM, WFC1-2K	F475W	CR-SPLIT=NO			40.0 Secs		
								[==>70.0 Secs]	[2]	



Proposal 10762 - Visit 02 - The Long X-ray Jet of Quasar 4C19.44

Tue Feb 07 02:11:34 GMT 2006

Visit	Proposal 10762, Visit 02 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: SAME ORIENT AS 01									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(2)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=47.2 Angle Between Sides= Center Pattern=false					(2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	4C-19.44	RA: 13 57 4.4367 (209.2684862d) Dec: +19 19 7.37 (19.31871d) Equinox: J2000 Plate Id: (?)		V=16.02	Coordinate Source: SIMBAD				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(2) 4C-19.44	ACS/WFC, ACCUM, WFC1-2K	F814W	CR-SPLIT=NO			40.0 Secs	
									[==>]	[1]
	2		(2) 4C-19.44	ACS/WFC, ACCUM, WFC1-2K	F814W	CR-SPLIT=2		Pattern 2-2 (2)	2206.0 Secs	
									[==>(Pattern 1, Split 1)]	[1]
									[==>(Pattern 1, Split 2)]	
									[==>1263.0 Secs (Pattern 2, Split 1)]	[2]
								[==>1263.0 Secs (Pattern 2, Split 2)]		
								[==>1133.0 Secs (Pattern 3, Split 1)]	[3]	
								[==>1133.0 Secs (Pattern 3, Split 2)]		
3		(2) 4C-19.44	ACS/WFC, ACCUM, WFC1-2K	F814W	CR-SPLIT=NO			40.0 Secs		
								[==>70.0 Secs]	[3]	

