



10895 - Closure on the IRAS "Big Four": A High Contrast Study of Epsilon Eridani's Dust Belt in Scattered Light.

Cycle: 15, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) -EPS-ERI	ACS/HRC	1	07-Sep-2006 21:46:15.0	yes
02	(1) -EPS-ERI	ACS/HRC	1	07-Sep-2006 21:46:23.0	yes
03	(3) HD-23249-PSF	ACS/HRC	1	07-Sep-2006 21:46:29.0	yes
04	(1) -EPS-ERI	ACS/HRC	1	07-Sep-2006 21:46:36.0	yes
05	(1) -EPS-ERI	ACS/HRC	1	07-Sep-2006 21:46:41.0	yes
06	(3) HD-23249-PSF	ACS/HRC	1	07-Sep-2006 21:46:47.0	yes
07	(1) -EPS-ERI	ACS/WFC	1	07-Sep-2006 21:46:54.0	yes
08	(1) -EPS-ERI	ACS/WFC	1	07-Sep-2006 21:46:57.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
09	(1) -EPS-ERI	ACS/WFC	1	07-Sep-2006 21:47:00.0	yes
10	(2) HD-26965	ACS/WFC	1	07-Sep-2006 21:47:03.0	yes
11	(2) HD-26965	ACS/WFC	1	07-Sep-2006 21:47:06.0	yes
12	(2) HD-26965	ACS/WFC	1	07-Sep-2006 21:47:09.0	yes

12 Total Orbits Used

ABSTRACT

The ACS / HRC coronagraph has now demonstrated an unmatched capability to detect dusty debris disks around bright, nearby stars. Among the "Big Four" debris disks discovered with IRAS twenty years ago, only Epsilon Eridani (SpT=K2V, d=3.2 pc) has yet to be targeted with ACS. Beta Pictoris, Fomalhaut and Vega have been imaged with the ACS coronagraph, with the recent detection of reflected light from Fomalhaut's dust belt (Kalas, Graham & Clampin 2005). The direct detection of dust scattered light around Fomalhaut shows disk structure and asymmetry that can be directly linked to dynamical models of planetary perturbation. Here we propose to use the ACS HRC and WFC to detect Eps Eri's dust belt. A new motivation to attempt this observations arises from recent 350 micron images that reveal two dust arcs ~60 AU to the southeast and northwest of the star. Contrary to previous 850 and 450 micron maps, the northwest arc is brighter than the southeast arc, and the northwest region has not been targeted by previous STIS imaging at lower contrast. The optical detection of dust features around Eps Eri would be significant because a high resolution optical image, together with Spitzer and sub-mm images, would help anchor dynamical models

of Eps Eri's planetary system, in addition to providing direct visual indications of disk-planet interactions.

OBSERVING DESCRIPTION

GO 10895 has two components, HRC coronagraphy and WFC direct imaging, and it has two targets, the bright nearby star epsilon Eridani and its PSF reference star HD 26965. HRC coronagraphy utilizes the 3.0 arcsecond occulting spot. WFC direct imaging places the stars at WFCENTER and the telescope is rolled to three angles.

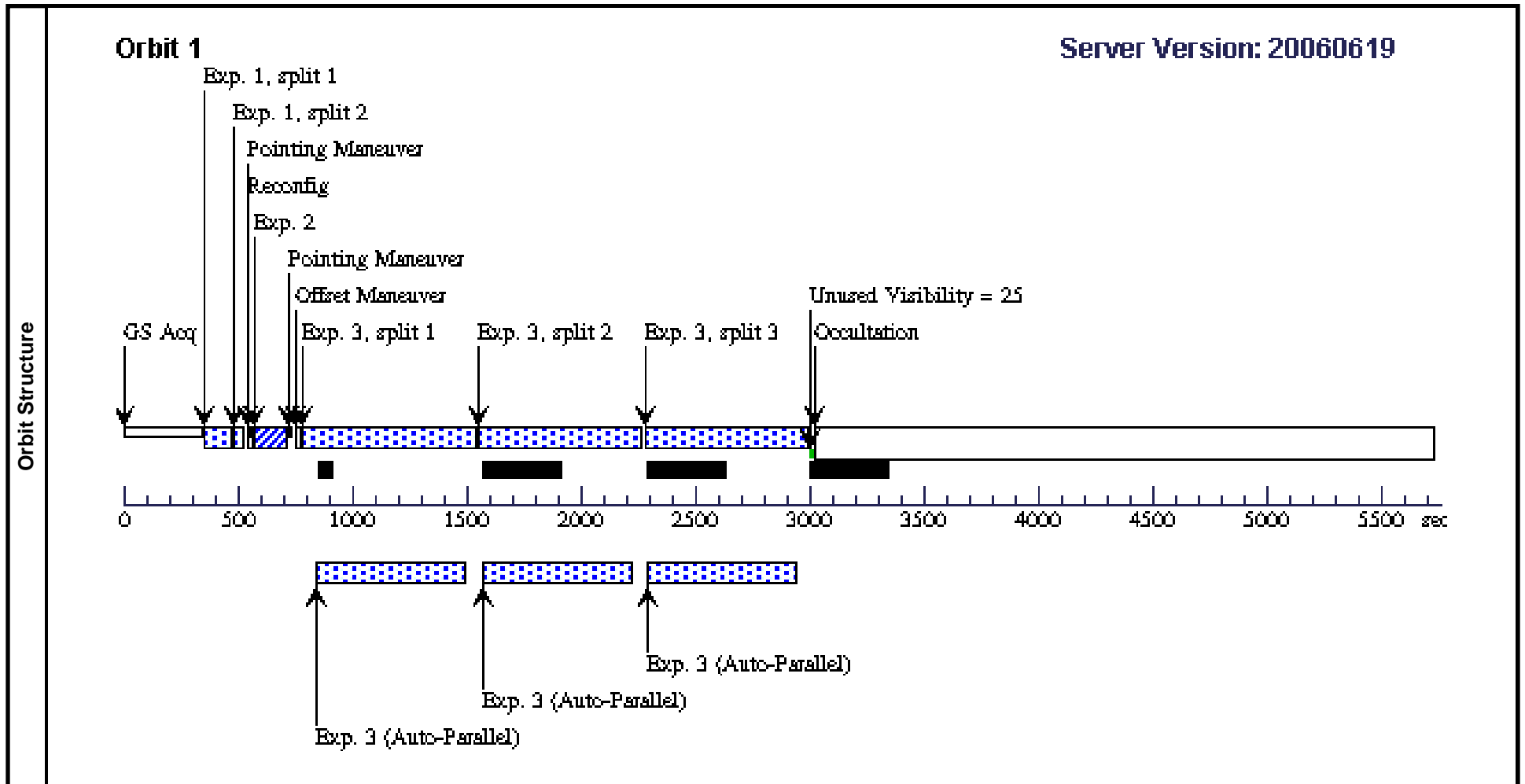
ADDITIONAL COMMENTS

If there are problems with the scheduling of the program, we can try using a different PSF reference star (hd 23249)

Proposal 10895 - Visit 01 - Closure on the IRAS "Big Four": A High Contrast Study of Epsilon Eridani's Dust Belt in Scattered Light.

Fri Sep 08 01:47:11 GMT 2006

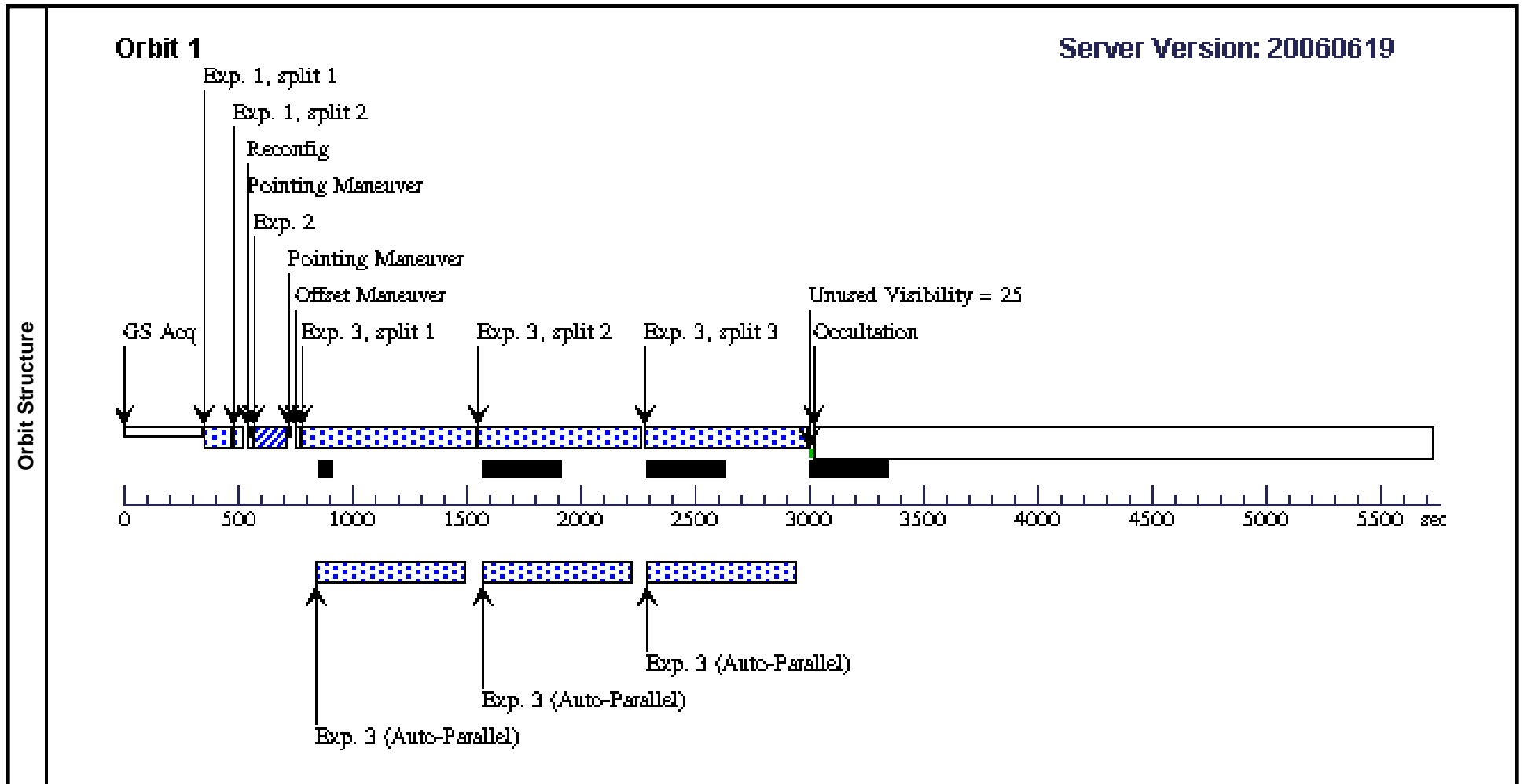
Visit	Proposal 10895, Visit 01, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: SCHED 100%; ORIENT 340.0D TO 345.0 D; GROUP 01,02,03 WITHIN 2.8 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	-EPS-ERI	RA: 03 32 55.8442 (53.2326842d) Dec: -09 27 29.74 (-9.45826d) Equinox: J2000	Proper Motion RA: -0.0658s/yr Proper Motion Dec: 0.021"/yr Parallax: 0.31" Epoch of Position: 2000.0	V=3.73	Reference Frame: ICRS				
	<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		(1) -EPS-ERI	ACS/HRC, ACCUM, HRC	F606W	CR-SPLIT=2; GAIN=4			0.2 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	2		(1) -EPS-ERI	ACS/HRC, ACQ, HRC-ACQ	F344N				0.1 Secs [==>]	[1]
	3		(1) -EPS-ERI	ACS/HRC, ACCUM, HRC-CORON3.0	F606W	GAIN=2; CR-SPLIT=3	USE OFFSET 01		2025.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]



Proposal 10895 - Visit 02 - Closure on the IRAS "Big Four": A High Contrast Study of Epsilon Eridani's Dust Belt in Scattered Light.

Fri Sep 08 01:47:12 GMT 2006

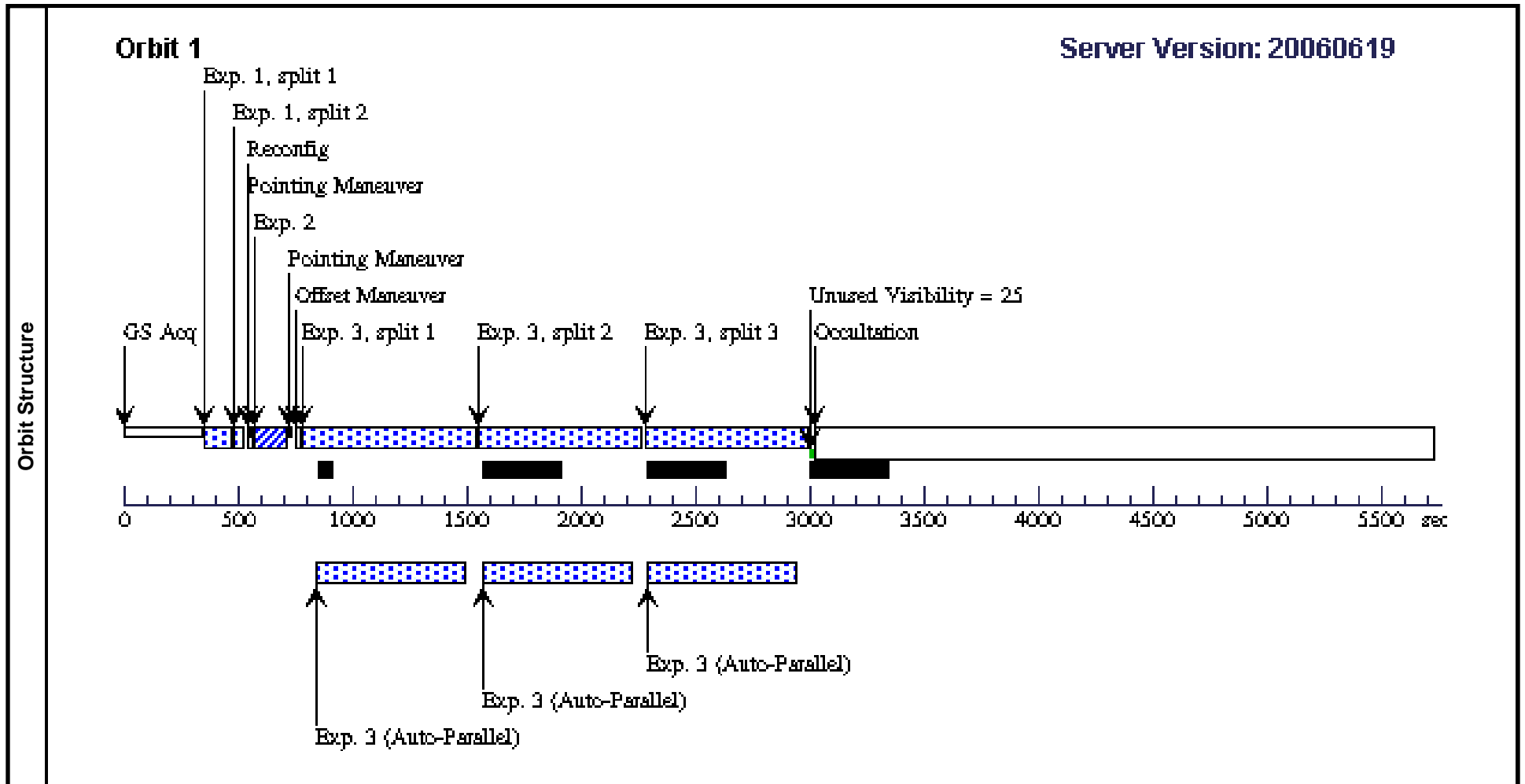
Visit	Proposal 10895, Visit 02, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: SCHED 100%; ORIENT 20.0D TO 22.0D FROM 01									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	-EPS-ERI	RA: 03 32 55.8442 (53.2326842d) Dec: -09 27 29.74 (-9.45826d) Equinox: J2000	Proper Motion RA: -0.0658s/yr Proper Motion Dec: 0.021"/yr Parallax: 0.31" Epoch of Position: 2000.0	V=3.73	Reference Frame: ICRS				
	<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		(1) -EPS-ERI	ACS/HRC, ACCUM, HRC	F606W	CR-SPLIT=2; GAIN=4			0.2 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	2		(1) -EPS-ERI	ACS/HRC, ACQ, HRC-ACQ	F344N				0.1 Secs [==>]	[1]
	3		(1) -EPS-ERI	ACS/HRC, ACCUM, HRC-CORON3.0	F606W	GAIN=2; CR-SPLIT=3	USE OFFSET 02		2025.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]



Proposal 10895 - Visit 03 - Closure on the IRAS "Big Four": A High Contrast Study of Epsilon Eridani's Dust Belt in Scattered Light.

Fri Sep 08 01:47:13 GMT 2006

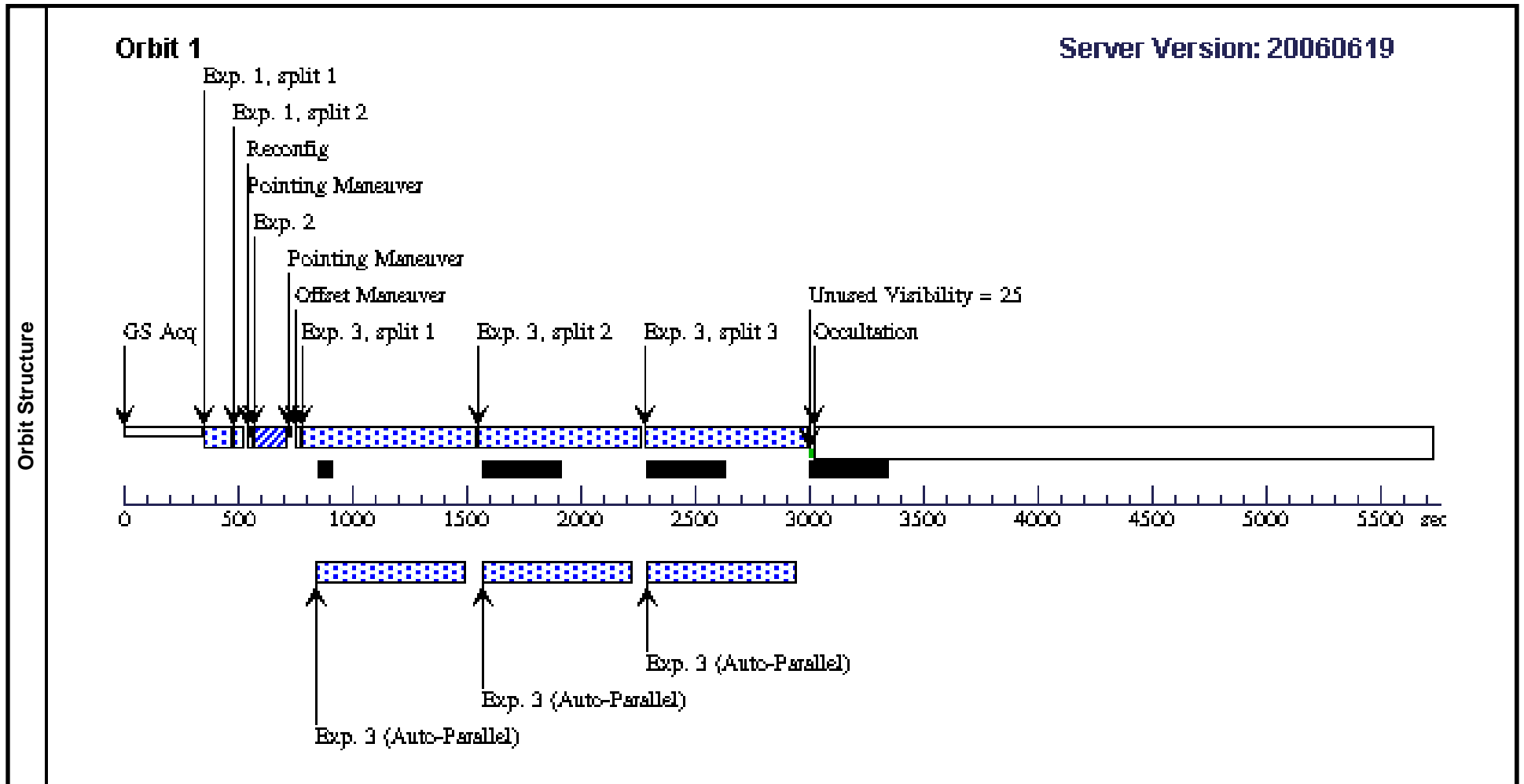
Visit	Proposal 10895, Visit 03, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(3)	HD-23249-PSF	RA: 03 43 14.9000 (55.8120833d) Dec: -09 45 48.22 (-9.76339d) Equinox: J2000	Proper Motion RA: -0.0062s/yr Proper Motion Dec: 0.745"/yr Parallax: 0.11" Epoch of Position: 2000.0	V=3.51	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(3) HD-23249-PSF	ACS/HRC, ACCUM, HRC	F606W	CR-SPLIT=2; GAIN=4				0.2 Secs [=>(Split 1)] [=>(Split 2)]	[1]
	2	(3) HD-23249-PSF	ACS/HRC, ACQ, HRC-ACQ	F344N				0.1 Secs [=>]	[1]	
	3	(3) HD-23249-PSF	ACS/HRC, ACCUM, HRC-CORON3.0	F606W	GAIN=2; CR-SPLIT=3	USE OFFSET 03		2025.0 Secs [=>(Split 1)] [=>(Split 2)] [=>(Split 3)]	[1]	



Proposal 10895 - Visit 04 - Closure on the IRAS "Big Four": A High Contrast Study of Epsilon Eridani's Dust Belt in Scattered Light.

Fri Sep 08 01:47:13 GMT 2006

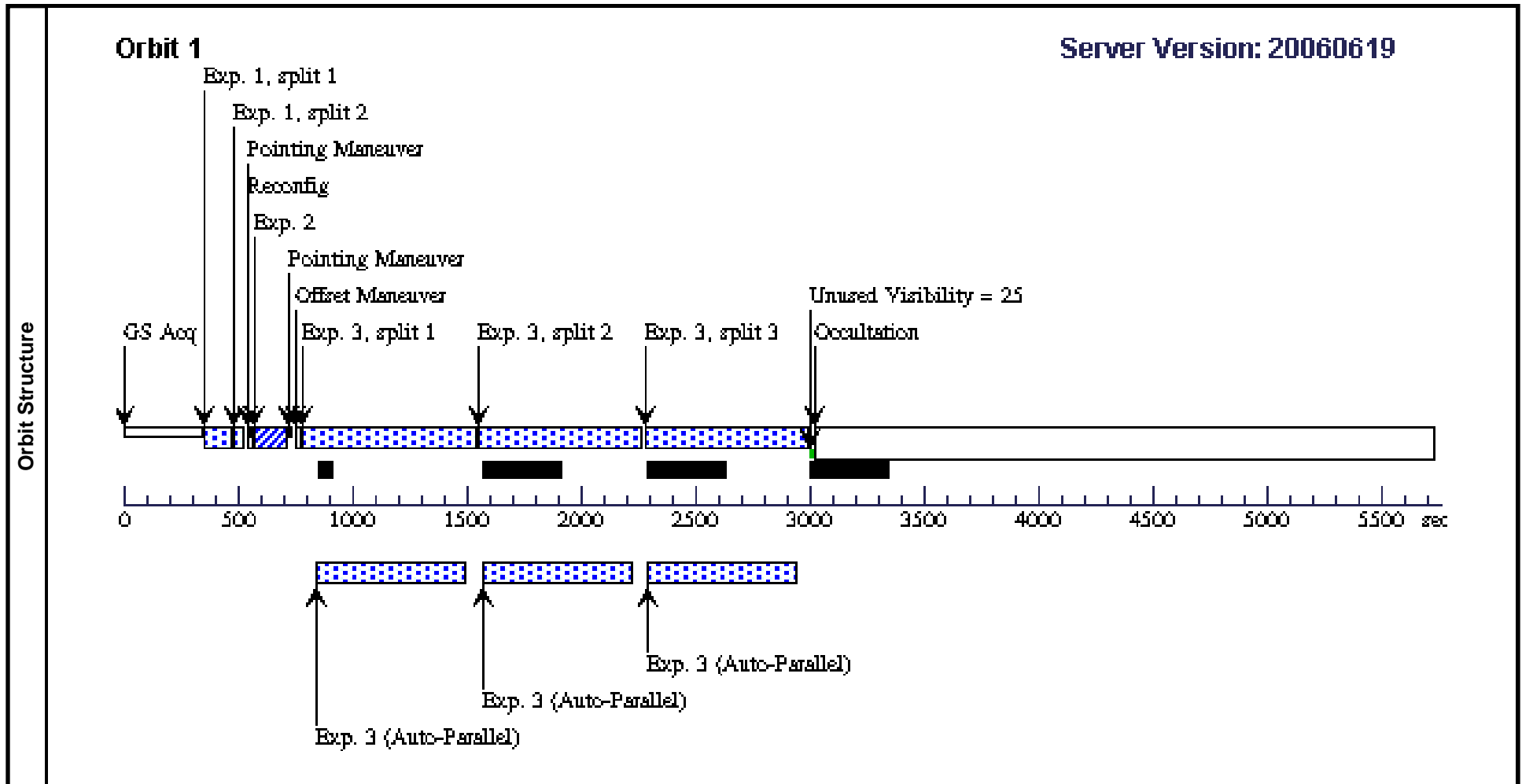
Visit	Proposal 10895, Visit 04, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: SCHED 100%; ORIENT 288.0D TO 290.0 D; GROUP 04,05,06 WITHIN 2.8 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	-EPS-ERI	RA: 03 32 55.8442 (53.2326842d) Dec: -09 27 29.74 (-9.45826d) Equinox: J2000	Proper Motion RA: -0.0658s/yr Proper Motion Dec: 0.021"/yr Parallax: 0.31" Epoch of Position: 2000.0	V=3.73	Reference Frame: ICRS				
	<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		(1) -EPS-ERI	ACS/HRC, ACCUM, HRC	F606W	CR-SPLIT=2; GAIN=4			0.2 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	2		(1) -EPS-ERI	ACS/HRC, ACQ, HRC-ACQ	F344N				0.1 Secs [==>]	[1]
	3		(1) -EPS-ERI	ACS/HRC, ACCUM, HRC-CORON3.0	F606W	GAIN=2; CR-SPLIT=3	USE OFFSET 04		2025.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]



Proposal 10895 - Visit 05 - Closure on the IRAS "Big Four": A High Contrast Study of Epsilon Eridani's Dust Belt in Scattered Light.

Fri Sep 08 01:47:14 GMT 2006

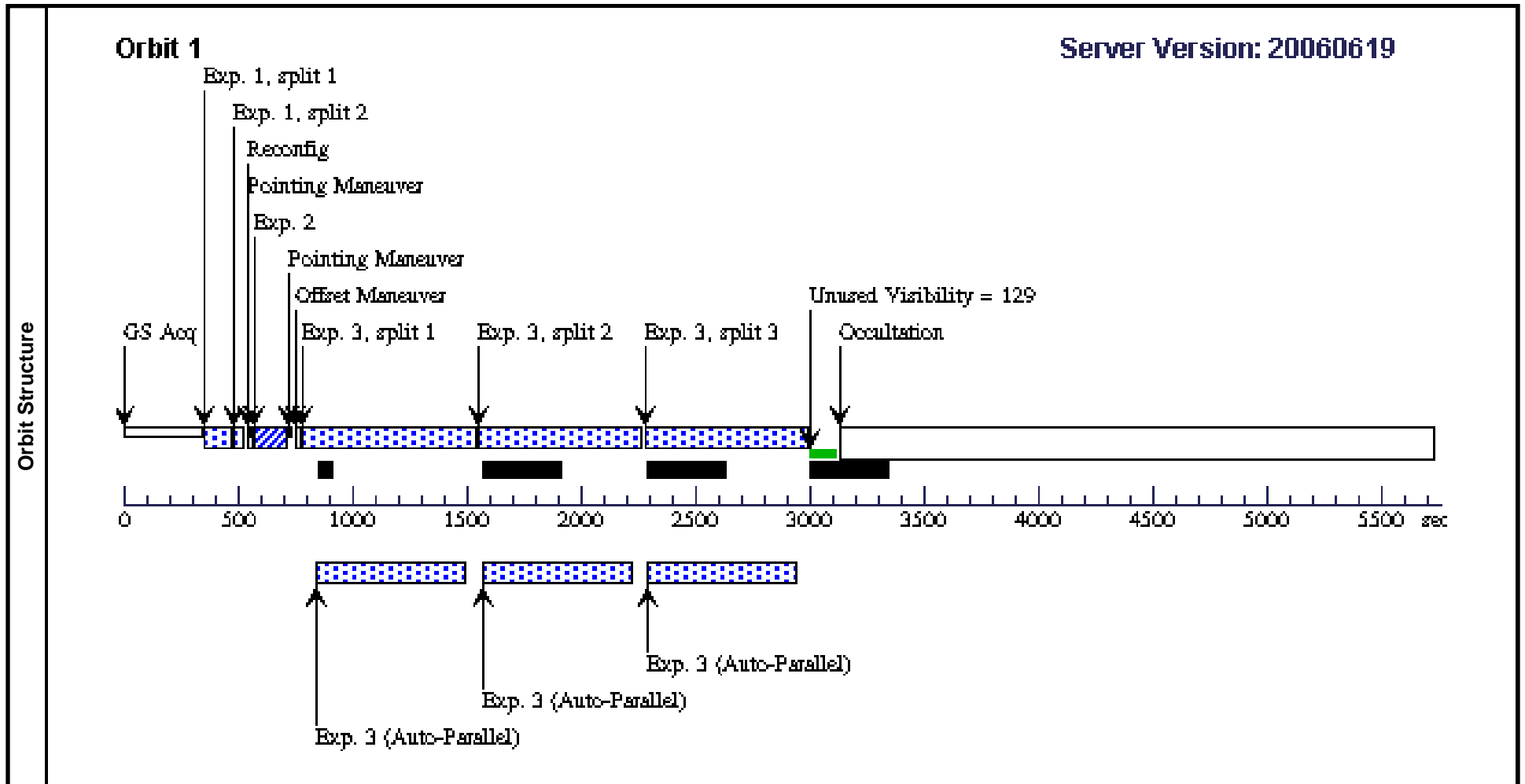
Visit	Proposal 10895, Visit 05, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: SCHED 100%; ORIENT 24.0D TO 25.0D FROM 04									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	-EPS-ERI	RA: 03 32 55.8442 (53.2326842d) Dec: -09 27 29.74 (-9.45826d) Equinox: J2000	Proper Motion RA: -0.0658s/yr Proper Motion Dec: 0.021"/yr Parallax: 0.31" Epoch of Position: 2000.0	V=3.73	Reference Frame: ICRS				
	<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	(1)	-EPS-ERI	ACS/HRC, ACCUM, HRC	F606W	CR-SPLIT=2; GAIN=4			0.2 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	2	(1)	-EPS-ERI	ACS/HRC, ACQ, HRC-ACQ	F344N				0.1 Secs [==>]	[1]
	3	(1)	-EPS-ERI	ACS/HRC, ACCUM, HRC-CORON3.0	F606W	GAIN=2; CR-SPLIT=3	USE OFFSET 05		2025.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]



Proposal 10895 - Visit 06 - Closure on the IRAS "Big Four": A High Contrast Study of Epsilon Eridani's Dust Belt in Scattered Light.

Fri Sep 08 01:47:15 GMT 2006

Visit	Proposal 10895, Visit 06, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(3)	HD-23249-PSF	RA: 03 43 14.9000 (55.8120833d) Dec: -09 45 48.22 (-9.76339d) Equinox: J2000	Proper Motion RA: -0.0062s/yr Proper Motion Dec: 0.745"/yr Parallax: 0.11" Epoch of Position: 2000.0	V=3.51	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(3) HD-23249-PSF	ACS/HRC, ACCUM, HRC	F606W	CR-SPLIT=2; GAIN=4				0.2 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	2	(3) HD-23249-PSF	ACS/HRC, ACQ, HRC-ACQ	F344N				0.1 Secs [==>]	[1]	
	3	(3) HD-23249-PSF	ACS/HRC, ACCUM, HRC-CORON3.0	F606W	GAIN=2; CR-SPLIT=3	USE OFFSET 06		2025.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]	



Proposal 10895 - Visit 07 - Closure on the IRAS "Big Four": A High Contrast Study of Epsilon Eridani's Dust Belt in Scattered Light.

Fri Sep 08 01:47:16 GMT 2006

Visit	Proposal 10895, Visit 07, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: SCHED 100%; ORIENT 342.0D TO 343.0 D; BETWEEN 11-NOV-2006:00:00:00 AND 18-NOV-2006:00:00:00; GROUP 07,08,09 WITHIN 2.5 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(1)		-EPS-ERI	RA: 03 32 55.8442 (53.2326842d) Dec: -09 27 29.74 (-9.45826d) Equinox: J2000	Proper Motion RA: -0.0658s/yr Proper Motion Dec: 0.021"/yr Parallax: 0.31" Epoch of Position: 2000.0	V=3.73	Reference Frame: ICRS				
<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	(1) -EPS-ERI	(1) -EPS-ERI	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO			0.5 Secs [==>]	[1]
2	(1) -EPS-ERI	(1) -EPS-ERI	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3; GAIN=2			2010.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]	
Orbit Structure	<p>Orbit 1 Server Version: 20060619</p> <p>Timeline labels: GS Acq, Exp. 1, Exp. 2, split 1, Exp. 2, split 2, Exp. 2, split 3, Occultation, Unused Visibility = 32</p> <p>X-axis: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500 sec</p>									

Proposal 10895 - Visit 08 - Closure on the IRAS "Big Four": A High Contrast Study of Epsilon Eridani's Dust Belt in Scattered Light.

Fri Sep 08 01:47:16 GMT 2006

Visit	Proposal 10895, Visit 08, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: SCHED 100%; ORIENT 357.0D TO 358.0 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(1)		-EPS-ERI	RA: 03 32 55.8442 (53.2326842d) Dec: -09 27 29.74 (-9.45826d) Equinox: J2000	Proper Motion RA: -0.0658s/yr Proper Motion Dec: 0.021"/yr Parallax: 0.31" Epoch of Position: 2000.0	V=3.73	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(1) -EPS-ERI	(1) -EPS-ERI	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO			0.5 Secs [==>]	[1]
2	(1) -EPS-ERI	(1) -EPS-ERI	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3; GAIN=2			2010.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20060619									
	<p>The diagram shows a timeline for Orbit 1 from 0 to 5500 seconds. Key events are marked with arrows: GS Acq at ~200s, Exp. 1 at ~400s, Exp. 2, split 1 at ~600s, Exp. 2, split 2 at ~1400s, Exp. 2, split 3 at ~2200s, and Occultation at ~3000s. A blue checkered bar spans from approximately 400s to 3000s. Black bars below the timeline indicate occultation periods. The text 'Unused Visibility = 32' is shown near the 3000s mark.</p>									

Proposal 10895 - Visit 09 - Closure on the IRAS "Big Four": A High Contrast Study of Epsilon Eridani's Dust Belt in Scattered Light.

Fri Sep 08 01:47:17 GMT 2006

Visit	Proposal 10895, Visit 09, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: SCHED 100%; ORIENT 11.0D TO 12.0 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(1)		-EPS-ERI	RA: 03 32 55.8442 (53.2326842d) Dec: -09 27 29.74 (-9.45826d) Equinox: J2000	Proper Motion RA: -0.0658s/yr Proper Motion Dec: 0.021"/yr Parallax: 0.31" Epoch of Position: 2000.0	V=3.73	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(1) -EPS-ERI	(1) -EPS-ERI	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO			0.5 Secs [==>]	[1]
2	(1) -EPS-ERI	(1) -EPS-ERI	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3; GAIN=2			2010.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20060619									
	<p>The diagram shows a horizontal timeline from 0 to 5500 seconds. A blue checkered shaded region represents the observation period, starting at approximately 400 seconds and ending at 3000 seconds. Key events are marked with arrows: 'GS Acq' at ~200s, 'Exp. 1' at ~400s, 'Exp. 2, split 1' at ~600s, 'Exp. 2, split 2' at ~1400s, 'Exp. 2, split 3' at ~2200s, and 'Occultation' at ~3000s. A label 'Unused Visibility = 32' is placed above the timeline after the occultation. The x-axis is labeled 'sec' and has major ticks every 500 units.</p>									

Proposal 10895 - Visit 10 - Closure on the IRAS "Big Four": A High Contrast Study of Epsilon Eridani's Dust Belt in Scattered Light.

Fri Sep 08 01:47:17 GMT 2006

Visit	Proposal 10895, Visit 10, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: SCHED 100%; ORIENT 344.0D TO 345.0 D; BETWEEN 16-NOV-2006:00:00:00 AND 23-NOV-2006:00:00:00; SEQ 10,11,12 WITHIN 1 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(2)		HD-26965	RA: 04 15 16.3201 (63.8180004d) Dec: -07 39 10.34 (-7.65287d) Equinox: J2000	Proper Motion RA: -0.15067s/yr Proper Motion Dec: -3.42034"/yr Parallax: 0.198" Epoch of Position: 2000.0	V=4.41	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(2) HD-26965	(2) HD-26965	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO			0.5 Secs [==>]	[1]
2	(2) HD-26965	(2) HD-26965	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3; GAIN=2			1998.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]	
Orbit Structure	Server Version: 20060619									
	<p>The diagram shows a timeline from 0 to 5500 seconds. Key events include: GS Acq (around 200s), Exp. 1 (around 400s), Exp. 2 split 1 (around 600s), Exp. 2 split 2 (around 1400s), Exp. 2 split 3 (around 2200s), and Occultation (around 3000s). A blue checkered bar represents the observation period from approximately 400s to 3000s. A black bar at the end indicates 'Unused Visibility = 44' from 3000s to 3044s. The x-axis is labeled 'sec' and has major ticks every 500 units.</p>									

Proposal 10895 - Visit 11 - Closure on the IRAS "Big Four": A High Contrast Study of Epsilon Eridani's Dust Belt in Scattered Light.

Fri Sep 08 01:47:17 GMT 2006

Visit	Proposal 10895, Visit 11, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: SCHED 100%; ORIENT 8.0D TO 8.5D FROM 10										
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
(2)		HD-26965	RA: 04 15 16.3201 (63.8180004d) Dec: -07 39 10.34 (-7.65287d) Equinox: J2000	Proper Motion RA: -0.15067s/yr Proper Motion Dec: -3.42034"/yr Parallax: 0.198" Epoch of Position: 2000.0	V=4.41	Reference Frame: ICRS					
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	(2) HD-26965	(2) HD-26965	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO			0.5 Secs [==>]	[1]	
2	(2) HD-26965	(2) HD-26965	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3; GAIN=2			1998.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]		
Orbit Structure	Server Version: 20060619										
	<p>The diagram shows a timeline from 0 to 5500 seconds. Key events include: GS Acq (around 200s), Exp. 1 (around 400s), Exp. 2 split 1 (around 600s), Exp. 2 split 2 (around 1400s), Exp. 2 split 3 (around 2200s), and Occultation (around 3000s). A blue checkered bar represents the observation period from approximately 400s to 3000s. A black bar at the end indicates 'Unused Visibility = 44' from 3000s to 3044s. The x-axis is labeled 'sec' and has major ticks every 500 units.</p>										

Proposal 10895 - Visit 12 - Closure on the IRAS "Big Four": A High Contrast Study of Epsilon Eridani's Dust Belt in Scattered Light.

Fri Sep 08 01:47:18 GMT 2006

Visit	Proposal 10895, Visit 12, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: SCHED 100%; ORIENT 16.0D TO 17.0D FROM 10									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(2)		HD-26965	RA: 04 15 16.3201 (63.8180004d) Dec: -07 39 10.34 (-7.65287d) Equinox: J2000	Proper Motion RA: -0.15067s/yr Proper Motion Dec: -3.42034"/yr Parallax: 0.198" Epoch of Position: 2000.0	V=4.41	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(2) HD-26965	(2) HD-26965	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO			0.5 Secs [==>]	[1]
2	(2) HD-26965	(2) HD-26965	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3; GAIN=2			1998.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]	
Orbit Structure	Server Version: 20060619									
	<p>The diagram illustrates the orbit structure for the observation. The x-axis represents time in seconds, ranging from 0 to 5500. Key events are marked with arrows: GS Acq at approximately 100 seconds, Exp. 1 at 400 seconds, Exp. 2 split 1 at 600 seconds, Exp. 2 split 2 at 1400 seconds, Exp. 2 split 3 at 2200 seconds, and Occultation at 3000 seconds. A shaded region from 400 to 3000 seconds represents the observation period. Black bars below the timeline indicate non-observable periods. The text 'Unused Visibility = 44' is shown near the occultation event.</p>									