



12506 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Cycle: 19, 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>
17	(1) CIDA14	WFC3/UVIS	1	29-Sep-2011 21:05:21.0	yes
18	(2) COKUTAU4	WFC3/UVIS	1	29-Sep-2011 21:05:43.0	yes
32	(4) HUBBLE4	WFC3/UVIS	1	29-Sep-2011 21:06:04.0	yes
31	(3) FFTAU	WFC3/UVIS	1	29-Sep-2011 21:06:25.0	yes
30	(5) LKCA5	WFC3/UVIS	1	29-Sep-2011 21:06:45.0	yes
29	(9) HPTAUG3	WFC3/UVIS	1	29-Sep-2011 21:07:04.0	yes
28	(11) V892TAU	WFC3/UVIS	1	29-Sep-2011 21:07:23.0	yes
27	(12) SCOPMS17	WFC3/UVIS	1	29-Sep-2011 21:07:42.0	yes
26	(13) SCOPMS19	WFC3/UVIS	1	29-Sep-2011 21:08:01.0	yes
25	(14) GSC06209-00735	WFC3/UVIS	1	29-Sep-2011 21:08:23.0	yes
24	(15) GSC06794-00156	WFC3/UVIS	1	29-Sep-2011 21:08:48.0	yes
23	(16) RXJ1550.0-3212	WFC3/UVIS	1	29-Sep-2011 21:09:09.0	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>
22	(17) RXJ1601.9-2008	WFC3/UVIS	1	29-Sep-2011 21:09:33.0	yes
21	(18) USCO1605179	WFC3/UVIS	1	29-Sep-2011 21:09:53.0	yes
20	(19) USCO1606119	WFC3/UVIS	1	29-Sep-2011 21:10:15.0	yes
19	(20) ROXS47	WFC3/UVIS	1	29-Sep-2011 21:10:33.0	yes

16 Total Orbits Used

ABSTRACT

The fundamental properties of young stars (masses, luminosities, and temperatures) are very poorly understood in comparison to their older field counterparts. The standard method for calibrating these properties is to monitor the orbits of binary systems and measure their dynamical masses, but only a handful of well-determined dynamical masses are known for low-mass (<1 Msun) stars. We are conducting an ongoing monitoring campaign to expand the sample of precise visual binary masses from ~ 5 to ~ 50 using a new high-resolution imaging technique (nonredundant mask interferometry) to monitor very short-period systems that can't be resolved with other techniques. However, the inaccessibility of these systems makes it difficult to determine component properties from the ground.

We propose a 16-orbit WFC3/UVIS imaging campaign to observe 16 systems that are near maximum separation. We know precise component positions at any epoch from our orbit fits, so we can exploit the stable HST PSF to deconvolve the optical photometry for these systems, even though they are separated by <60 mas. Furthermore, the targets' brightness and the speed of the subarrayed WFC3/UVIS let us obtain observations in 11 filters within a single orbit, efficiently characterizing each component's broadband SEDs from the near-UV to the far-red and measuring emission line fluxes in H α and Ca H&K. These comprehensive SEDs will yield component temperatures and identify any excesses on the individual stars resulting from accretion and activity. Our results will place the the individual stars unambiguously on the HR diagram, allowing direct comparison of our dynamical masses to theoretical predictions.

OBSERVING DESCRIPTION

The goal of this program is to obtain multicolor images of a large sample of close (<0.06 arcseconds) binary systems. We have orbits for these binary systems from monitoring in the near-infrared, so we can precisely estimate their position/PA at the epoch of the HST images, allowing us to deconvolve out the brightness of each component. The goal is to obtain as many filters per orbit as possible, generally aiming for a peak pixel value

Proposal 12506 (STScI Edit Number: 1, Created: Thursday, September 29, 2011 8:10:40 PM EST) - Overview

of 20% of well depth on most filters, and at least S/N=100 on blue filters and narrowband filters. Our primary concern is making sure that our targets (most of which are bright) do not saturate.

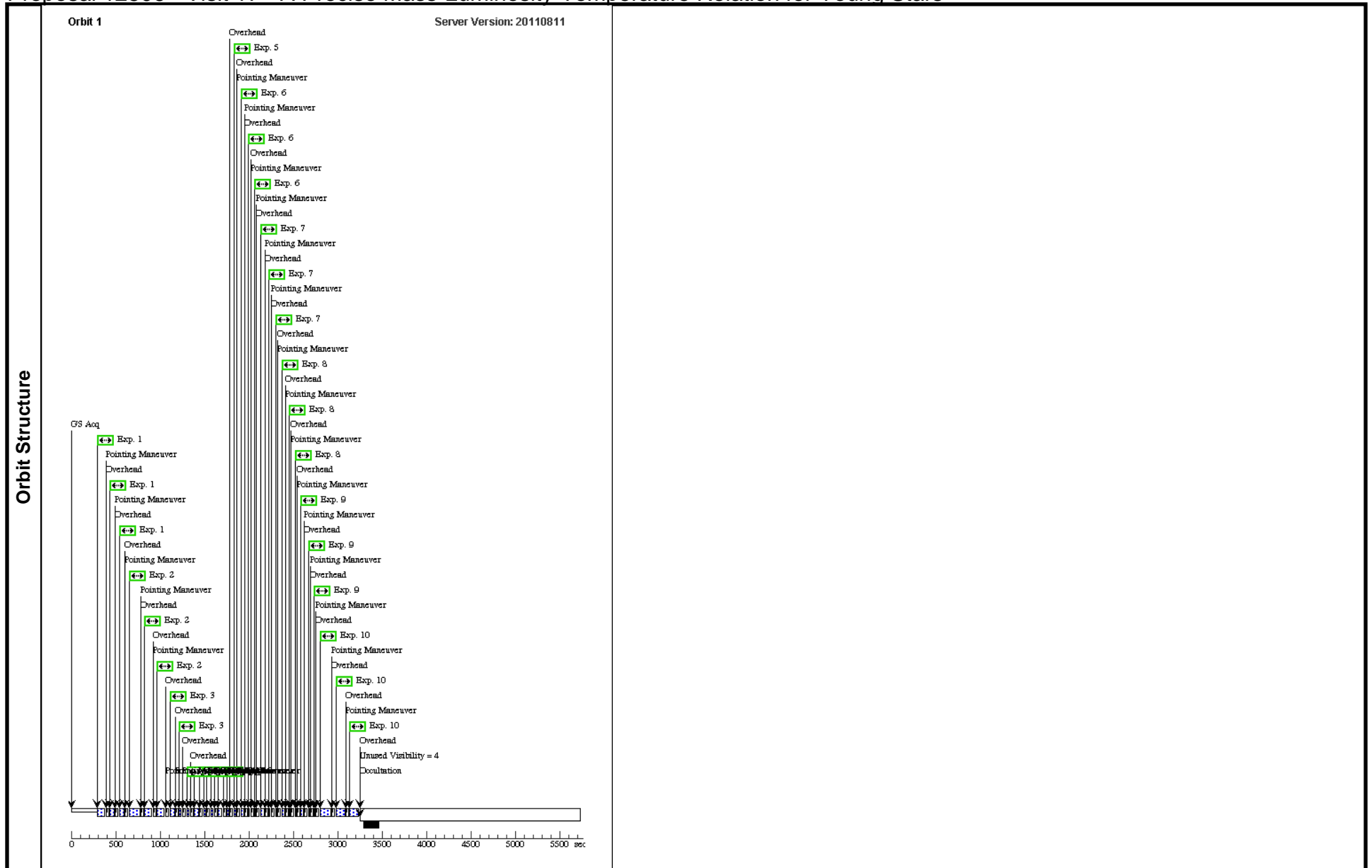
Proposal 12506 - Visit 17 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Fri Sep 30 01:10:41 GMT 2011

Visit	Proposal 12506, Visit 17, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)					
	Patterns	# (1)	Primary Pattern Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	Secondary Pattern	Exposures (1), (2), (3), (4), (5), (6), (7), (8), (9), (10)
Fixed Targets	# (1)	Name CIDA14	Target Coordinates RA: 04 43 20.2300 (70.8342917d) Dec: +29 40 6.10 (29.66836d) Equinox: J2000	Targ. Coord. Corrections	Fluxes V=14.2+/-0.5	Miscellaneous Reference Frame: ICRS

Proposal 12506 - Visit 17 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(1) CIDA14	(1) CIDA14	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F395N			Pattern 1, Exps 1-1 in Visit 17 (1)	50 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	(1) CIDA14	(1) CIDA14	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F336W			Pattern 1, Exps 2-2 in Visit 17 (1)	85 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	3	(1) CIDA14	(1) CIDA14	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F390W			Pattern 1, Exps 3-3 in Visit 17 (1)	25 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	4	(1) CIDA14	(1) CIDA14	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F438W			Pattern 1, Exps 4-4 in Visit 17 (1)	25 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	5	(1) CIDA14	(1) CIDA14	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F475W			Pattern 1, Exps 5-5 in Visit 17 (1)	19 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	6	(1) CIDA14	(1) CIDA14	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F555W			Pattern 1, Exps 6-6 in Visit 17 (1)	8 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	7	(1) CIDA14	(1) CIDA14	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F625W			Pattern 1, Exps 7-7 in Visit 17 (1)	15 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	8	(1) CIDA14	(1) CIDA14	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F775W			Pattern 1, Exps 8-8 in Visit 17 (1)	6 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	9	(1) CIDA14	(1) CIDA14	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F850LP			Pattern 1, Exps 9-9 in Visit 17 (1)	8 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
10	(1) CIDA14	(1) CIDA14	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F656N			Pattern 1, Exps 10-10 in Visit 17 (1)	100 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	



Proposal 12506 - Visit 18 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Fri Sep 30 01:10:43 GMT 2011

Visit	Proposal 12506, Visit 18, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)					
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1), (2), (3), (4), (5), (6), (7), (8), (9), (10), (11)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	COKUTAU4	RA: 04 41 16.8100 (70.3200417d) Dec: +28 40 0.10 (28.66669d) Equinox: J2000		V=12.1+/-0.5	Reference Frame: ICRS

Proposal 12506 - Visit 18 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(2) COKUTAU4	(2) COKUTAU4	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F275W			Pattern 1, Exps 1-1 in Visit 18 (1)	85 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	(2) COKUTAU4	(2) COKUTAU4	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F395N			Pattern 1, Exps 2-2 in Visit 18 (1)	100 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	3	(2) COKUTAU4	(2) COKUTAU4	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F336W			Pattern 1, Exps 3-3 in Visit 18 (1)	25 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	4	(2) COKUTAU4	(2) COKUTAU4	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F390W			Pattern 1, Exps 4-4 in Visit 18 (1)	26 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	5	(2) COKUTAU4	(2) COKUTAU4	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F438W			Pattern 1, Exps 5-5 in Visit 18 (1)	15 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	6	(2) COKUTAU4	(2) COKUTAU4	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F475W			Pattern 1, Exps 6-6 in Visit 18 (1)	7.6 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	7	(2) COKUTAU4	(2) COKUTAU4	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F555W			Pattern 1, Exps 7-7 in Visit 18 (1)	3.4 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	8	(2) COKUTAU4	(2) COKUTAU4	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F625W			Pattern 1, Exps 8-8 in Visit 18 (1)	0.7 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	9	(2) COKUTAU4	(2) COKUTAU4	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F775W			Pattern 1, Exps 9-9 in Visit 18 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	10	(2) COKUTAU4	(2) COKUTAU4	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F850LP			Pattern 1, Exps 10-10 in Visit 18 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
11	(2) COKUTAU4	(2) COKUTAU4	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F656N			Pattern 1, Exps 11-11 in Visit 18 (1)	12 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	

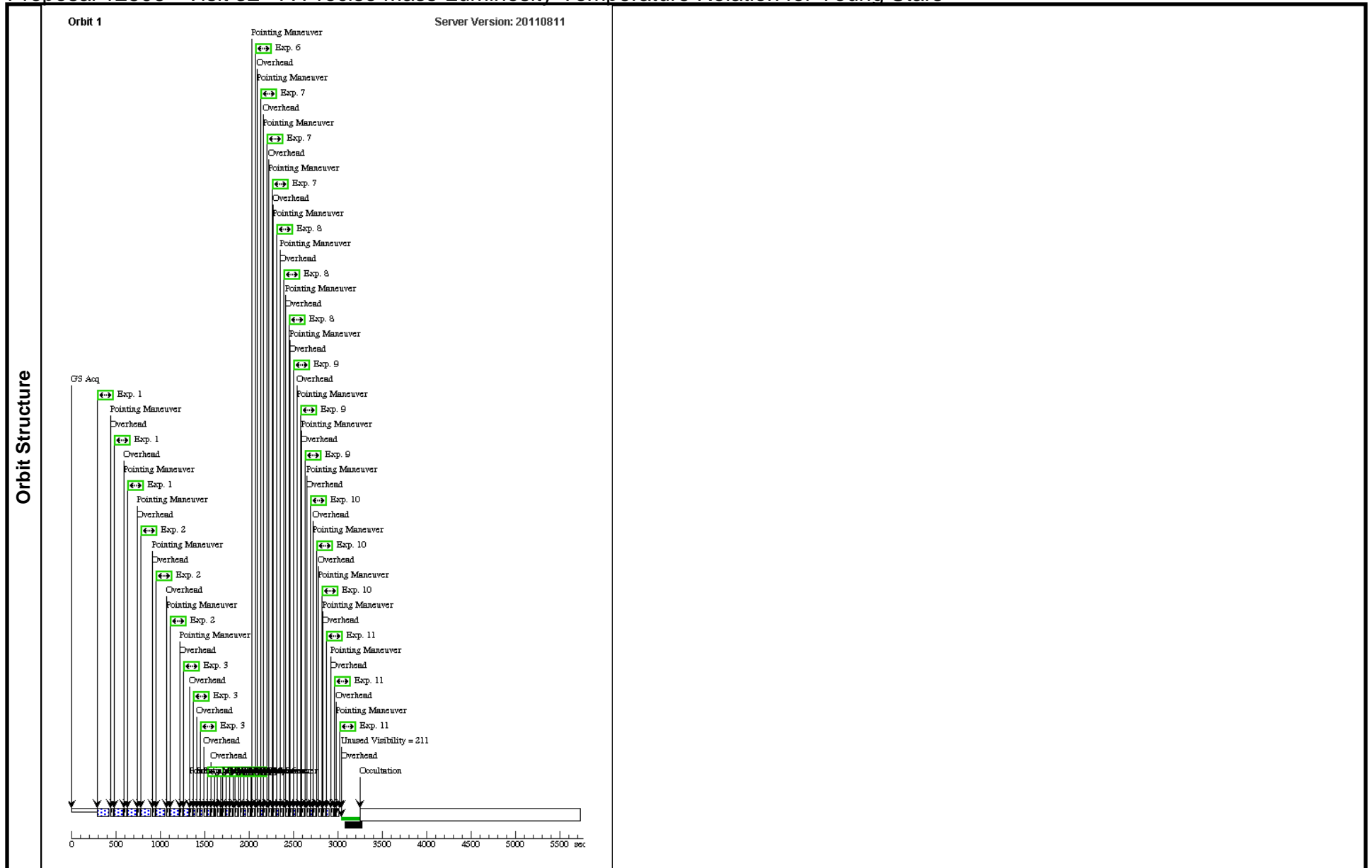
Proposal 12506 - Visit 32 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Fri Sep 30 01:10:44 GMT 2011

Visit	Proposal 12506, Visit 32, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)					
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1), (2), (3), (4), (5), (6), (7), (8), (9), (10), (11)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	HUBBLE4	RA: 04 18 47.0393 (64.6959971d) Dec: +28 20 10.54 (28.33626d) Equinox: J2000		V=11.9+/-0.5	Reference Frame: ICRS

Proposal 12506 - Visit 32 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(4) HUBBLE4	(4) HUBBLE4	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W			Pattern 1, Exps 1-1 in Visit 32 (1)	100 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	(4) HUBBLE4	(4) HUBBLE4	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F395N			Pattern 1, Exps 2-2 in Visit 32 (1)	100 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	3	(4) HUBBLE4	(4) HUBBLE4	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W			Pattern 1, Exps 3-3 in Visit 32 (1)	25 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	4	(4) HUBBLE4	(4) HUBBLE4	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F390W			Pattern 1, Exps 4-4 in Visit 32 (1)	8 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	5	(4) HUBBLE4	(4) HUBBLE4	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W			Pattern 1, Exps 5-5 in Visit 32 (1)	4.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	6	(4) HUBBLE4	(4) HUBBLE4	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F475W			Pattern 1, Exps 6-6 in Visit 32 (1)	1 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	7	(4) HUBBLE4	(4) HUBBLE4	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F555W			Pattern 1, Exps 7-7 in Visit 32 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	8	(4) HUBBLE4	(4) HUBBLE4	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F625W			Pattern 1, Exps 8-8 in Visit 32 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	9	(4) HUBBLE4	(4) HUBBLE4	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F775W			Pattern 1, Exps 9-9 in Visit 32 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	10	(4) HUBBLE4	(4) HUBBLE4	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F850LP			Pattern 1, Exps 10-10 in Visit 32 (1)	0.8 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
11	(4) HUBBLE4	(4) HUBBLE4	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N			Pattern 1, Exps 11-11 in Visit 32 (1)	9 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	



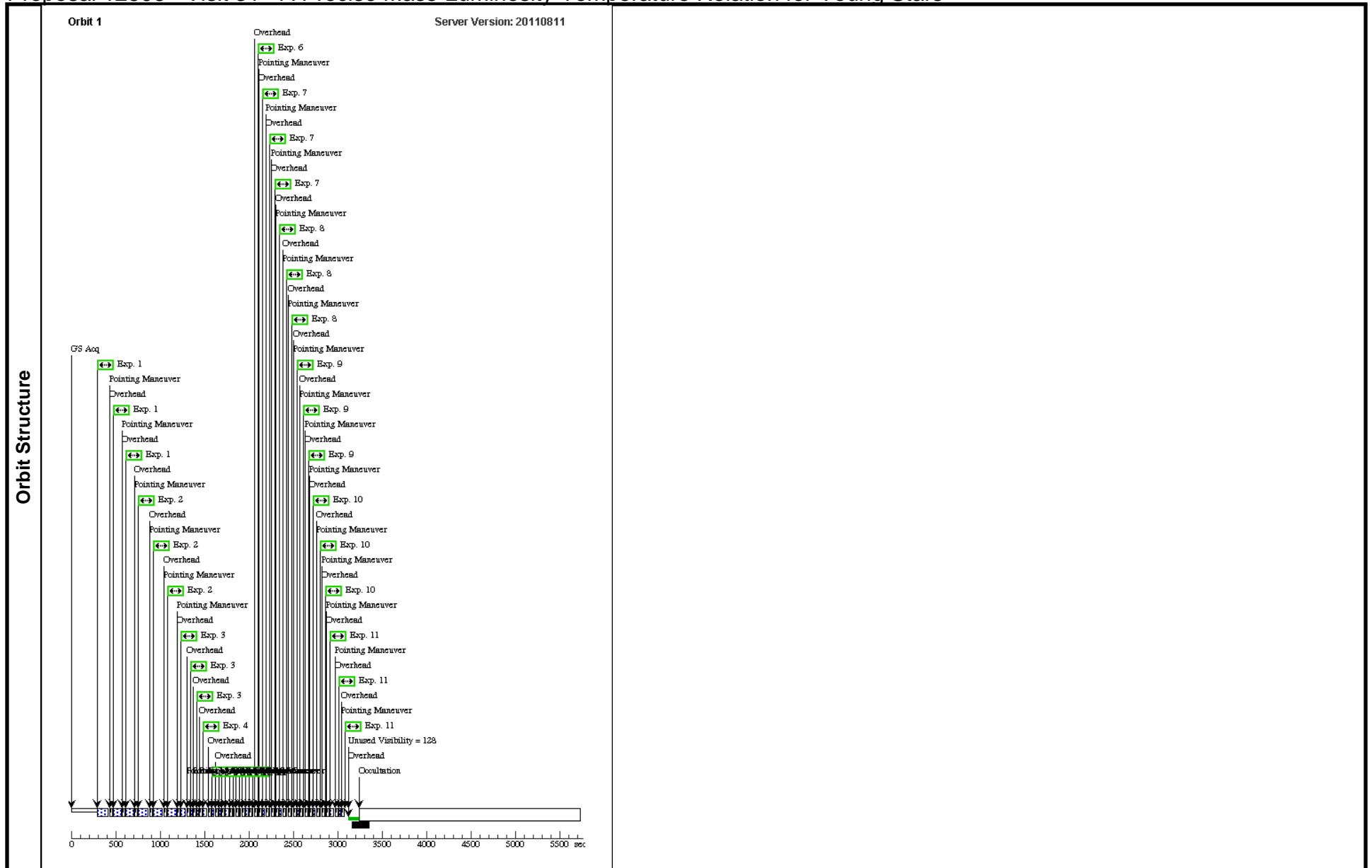
Proposal 12506 - Visit 31 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Fri Sep 30 01:10:45 GMT 2011

Visit	Proposal 12506, Visit 31, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)					
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1), (2), (3), (4), (5), (6), (7), (8), (9), (10), (11)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	FFTAU	RA: 04 35 21.2333 (68.8384721d) Dec: +22 54 24.20 (22.90672d) Equinox: J2000		V=12.8+/-0.5	Reference Frame: ICRS

Proposal 12506 - Visit 31 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(3) FFTAU		WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W			Pattern 1, Exps 1-1 in Visit 31 (1)	90 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	(3) FFTAU		WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F395N			Pattern 1, Exps 2-2 in Visit 31 (1)	100 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	3	(3) FFTAU		WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W			Pattern 1, Exps 3-3 in Visit 31 (1)	20 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	4	(3) FFTAU		WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F390W			Pattern 1, Exps 4-4 in Visit 31 (1)	20 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	5	(3) FFTAU		WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W			Pattern 1, Exps 5-5 in Visit 31 (1)	15 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	6	(3) FFTAU		WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F475W			Pattern 1, Exps 6-6 in Visit 31 (1)	2.4 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	7	(3) FFTAU		WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F555W			Pattern 1, Exps 7-7 in Visit 31 (1)	1.1 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	8	(3) FFTAU		WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F625W			Pattern 1, Exps 8-8 in Visit 31 (1)	1.1 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	9	(3) FFTAU		WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F775W			Pattern 1, Exps 9-9 in Visit 31 (1)	1.1 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	10	(3) FFTAU		WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F850LP			Pattern 1, Exps 10-10 in Visit 31 (1)	1.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
11	(3) FFTAU		WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N			Pattern 1, Exps 11-11 in Visit 31 (1)	21 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	



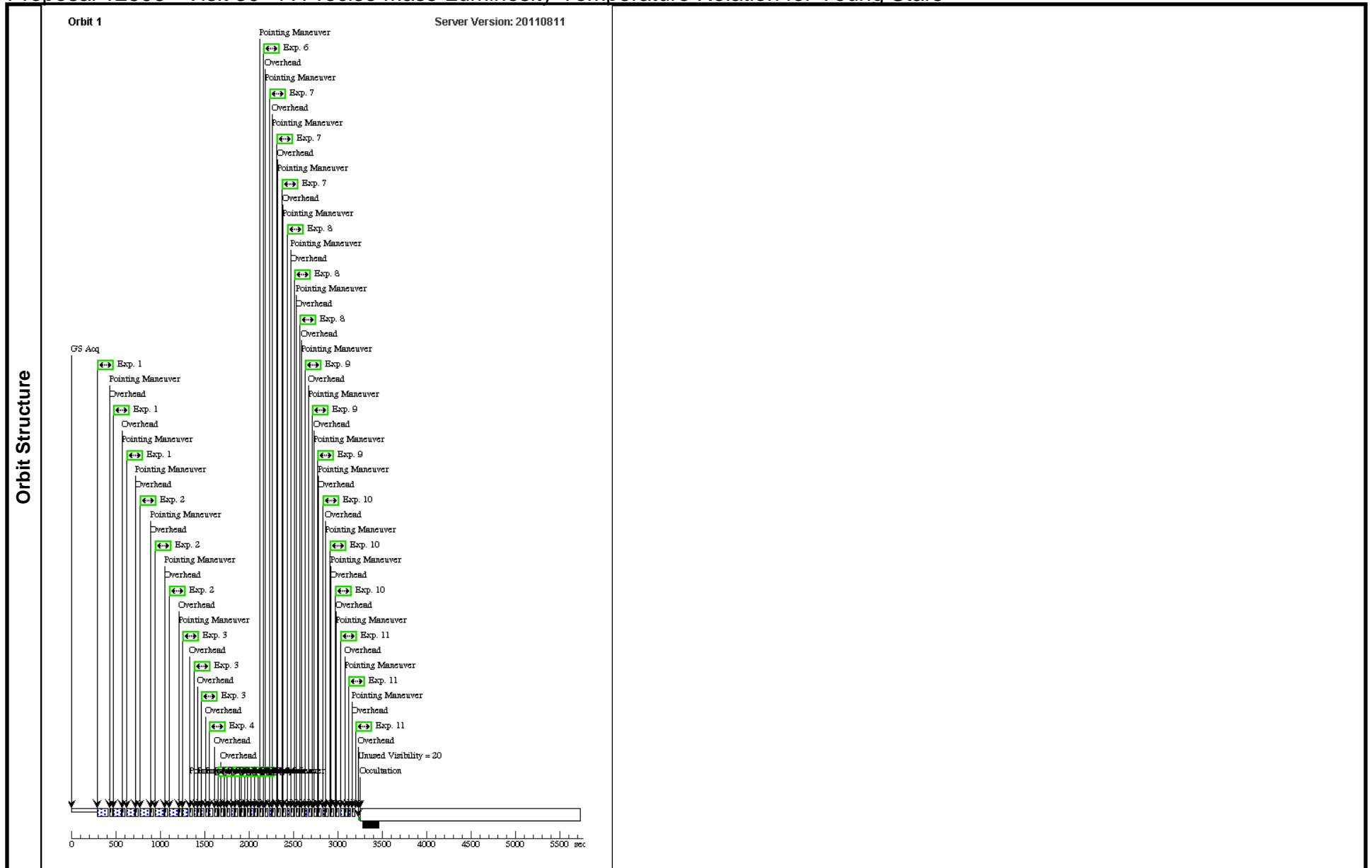
Proposal 12506 - Visit 30 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Fri Sep 30 01:10:46 GMT 2011

Visit	Proposal 12506, Visit 30, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)					
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1), (2), (3), (4), (5), (6), (7), (8), (9), (10), (11)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	LKCA5	RA: 04 17 38.9400 (64.4122500d) Dec: +28 33 0.50 (28.55014d) Equinox: J2000		V=12.5+/-0.5	Reference Frame: ICRS

Proposal 12506 - Visit 30 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(5) LKCA5	(5) LKCA5	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F275W			Pattern 1, Exps 1-1 in Visit 30 (1)	90 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	(5) LKCA5	(5) LKCA5	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F395N			Pattern 1, Exps 2-2 in Visit 30 (1)	100 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	3	(5) LKCA5	(5) LKCA5	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F336W			Pattern 1, Exps 3-3 in Visit 30 (1)	31 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	4	(5) LKCA5	(5) LKCA5	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F390W			Pattern 1, Exps 4-4 in Visit 30 (1)	15 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	5	(5) LKCA5	(5) LKCA5	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F438W			Pattern 1, Exps 5-5 in Visit 30 (1)	9 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	6	(5) LKCA5	(5) LKCA5	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F475W			Pattern 1, Exps 6-6 in Visit 30 (1)	2.3 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	7	(5) LKCA5	(5) LKCA5	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F555W			Pattern 1, Exps 7-7 in Visit 30 (1)	1.1 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	8	(5) LKCA5	(5) LKCA5	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F625W			Pattern 1, Exps 8-8 in Visit 30 (1)	1.2 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	9	(5) LKCA5	(5) LKCA5	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F775W			Pattern 1, Exps 9-9 in Visit 30 (1)	0.7 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	10	(5) LKCA5	(5) LKCA5	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F850LP			Pattern 1, Exps 10-10 in Visit 30 (1)	1.4 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
11	(5) LKCA5	(5) LKCA5	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F656N			Pattern 1, Exps 11-11 in Visit 30 (1)	18 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	



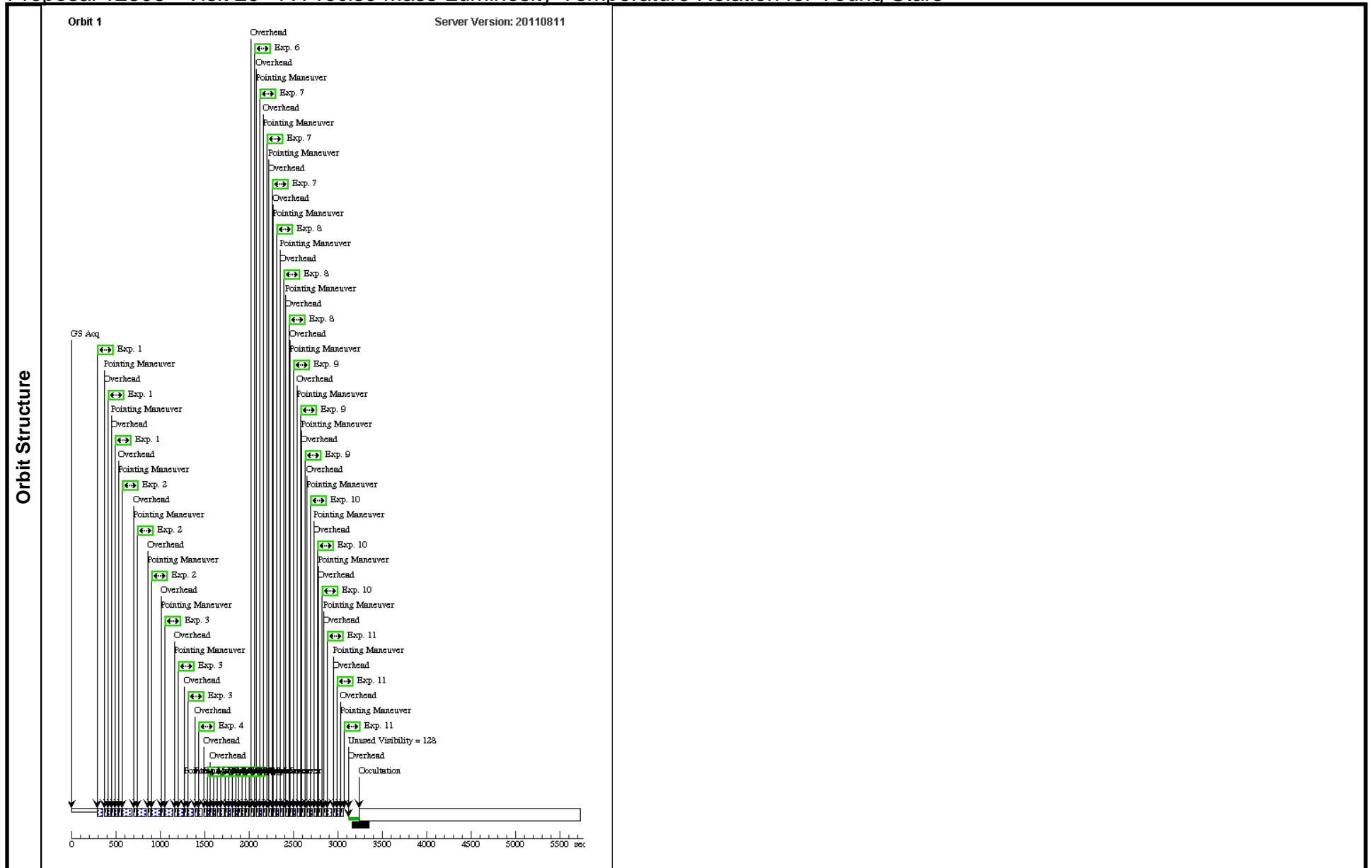
Proposal 12506 - Visit 29 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Fri Sep 30 01:10:47 GMT 2011

Visit	Proposal 12506, Visit 29, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)					
	Patterns	# (1)	Primary Pattern Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	Secondary Pattern	Exposures (1), (2), (3), (4), (5), (6), (7), (8), (9), (10), (11)
Fixed Targets	# (9)	Name HPTAUG3	Target Coordinates RA: 04 35 53.5000 (68.9729167d) Dec: +22 54 9.00 (22.90250d) Equinox: J2000	Targ. Coord. Corrections	Fluxes V=14.3+/-0.5	Miscellaneous Reference Frame: ICRS

Proposal 12506 - Visit 29 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(9) HPTAUG3	(9) HPTAUG3	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W			Pattern 1, Exps 1-1 in Visit 29 (1)	30 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	(9) HPTAUG3	(9) HPTAUG3	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F395N			Pattern 1, Exps 2-2 in Visit 29 (1)	100 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	3	(9) HPTAUG3	(9) HPTAUG3	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W			Pattern 1, Exps 3-3 in Visit 29 (1)	62 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	4	(9) HPTAUG3	(9) HPTAUG3	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F390W			Pattern 1, Exps 4-4 in Visit 29 (1)	20 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	5	(9) HPTAUG3	(9) HPTAUG3	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W			Pattern 1, Exps 5-5 in Visit 29 (1)	20 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	6	(9) HPTAUG3	(9) HPTAUG3	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F475W			Pattern 1, Exps 6-6 in Visit 29 (1)	4.2 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	7	(9) HPTAUG3	(9) HPTAUG3	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F555W			Pattern 1, Exps 7-7 in Visit 29 (1)	2 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	8	(9) HPTAUG3	(9) HPTAUG3	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F625W			Pattern 1, Exps 8-8 in Visit 29 (1)	1.6 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	9	(9) HPTAUG3	(9) HPTAUG3	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F775W			Pattern 1, Exps 9-9 in Visit 29 (1)	1.6 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	10	(9) HPTAUG3	(9) HPTAUG3	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F850LP			Pattern 1, Exps 10-10 in Visit 29 (1)	2.6 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
11	(9) HPTAUG3	(9) HPTAUG3	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N			Pattern 1, Exps 11-11 in Visit 29 (1)	31 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	



Proposal 12506 - Visit 28 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Fri Sep 30 01:10:48 GMT 2011

Visit	Proposal 12506, Visit 28, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)					
	Patterns	# (1)	Primary Pattern Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	Secondary Pattern	Exposures (1), (2), (3), (4), (5), (6), (7), (8), (9), (10)
Fixed Targets	# (11)	Name V892TAU	Target Coordinates RA: 04 18 40.6200 (64.6692500d) Dec: +28 19 15.50 (28.32097d) Equinox: J2000	Targ. Coord. Corrections	Fluxes V=13.1+/-0.5	Miscellaneous Reference Frame: ICRS

Proposal 12506 - Visit 28 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(11) V892TAU	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F395N		GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 in Visit 28 (1)	100 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2		(11) V892TAU	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F336W			Pattern 1, Exps 2-2 in Visit 28 (1)	100 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	3		(11) V892TAU	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F390W			Pattern 1, Exps 3-3 in Visit 28 (1)	31 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	4		(11) V892TAU	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F438W			Pattern 1, Exps 4-4 in Visit 28 (1)	20 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	5		(11) V892TAU	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F475W			Pattern 1, Exps 5-5 in Visit 28 (1)	20 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	6		(11) V892TAU	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F555W			Pattern 1, Exps 6-6 in Visit 28 (1)	5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	7		(11) V892TAU	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F625W			Pattern 1, Exps 7-7 in Visit 28 (1)	6 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	8		(11) V892TAU	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F775W			Pattern 1, Exps 8-8 in Visit 28 (1)	2.2 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	9		(11) V892TAU	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F850LP			Pattern 1, Exps 9-9 in Visit 28 (1)	4.2 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
10		(11) V892TAU	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F656N			Pattern 1, Exps 10-10 in Visit 28 (1)	50 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	

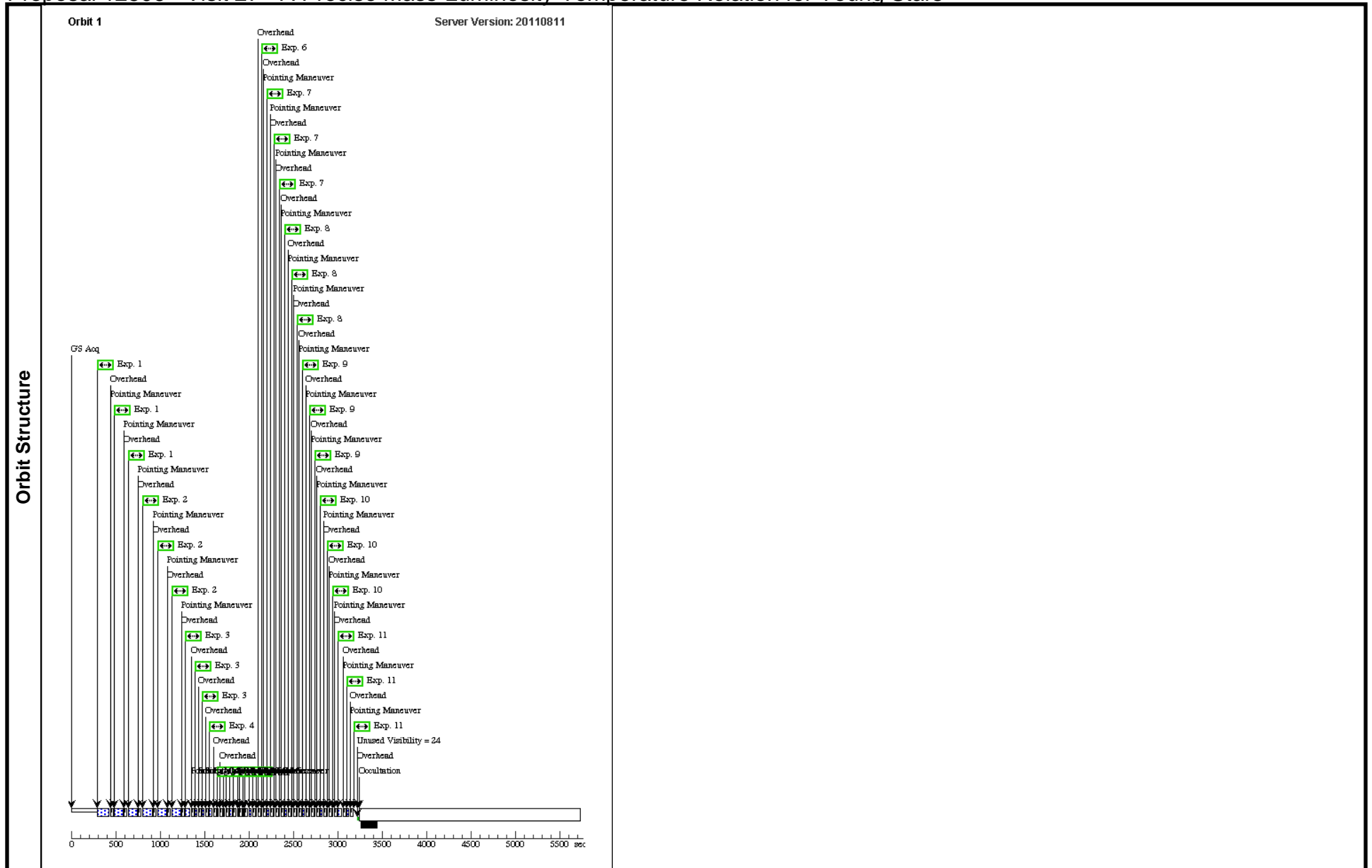
Proposal 12506 - Visit 27 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Fri Sep 30 01:10:48 GMT 2011

Visit	Proposal 12506, Visit 27, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)					
	Patterns	# (1)	Primary Pattern Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	Secondary Pattern	Exposures (1), (2), (3), (4), (5), (6), (7), (8), (9), (10), (11)
Fixed Targets	# (12)	Name SCOPMS17	Target Coordinates RA: 15 57 34.3100 (239.3929583d) Dec: -23 21 12.30 (-23.35342d) Equinox: J2000	Targ. Coord. Corrections	Fluxes V=12.5+/-0.5	Miscellaneous Reference Frame: ICRS

Proposal 12506 - Visit 27 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	(12) SCOPMS17	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F275W			Pattern 1, Exps 1-1 in Visit 27 (1)	100 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	(12) SCOPMS17	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F395N			Pattern 1, Exps 2-2 in Visit 27 (1)	100 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	3	(12) SCOPMS17	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F336W			Pattern 1, Exps 3-3 in Visit 27 (1)	20 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	4	(12) SCOPMS17	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F390W			Pattern 1, Exps 4-4 in Visit 27 (1)	11 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	5	(12) SCOPMS17	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F438W			Pattern 1, Exps 5-5 in Visit 27 (1)	7 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	6	(12) SCOPMS17	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F475W			Pattern 1, Exps 6-6 in Visit 27 (1)	1.2 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	7	(12) SCOPMS17	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F555W			Pattern 1, Exps 7-7 in Visit 27 (1)	0.7 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	8	(12) SCOPMS17	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F625W			Pattern 1, Exps 8-8 in Visit 27 (1)	1.2 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	9	(12) SCOPMS17	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F775W			Pattern 1, Exps 9-9 in Visit 27 (1)	1.2 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	10	(12) SCOPMS17	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F850LP			Pattern 1, Exps 10-10 in Visit 27 (1)	1.6 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	11	(12) SCOPMS17	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F656N			Pattern 1, Exps 11-11 in Visit 27 (1)	22 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]



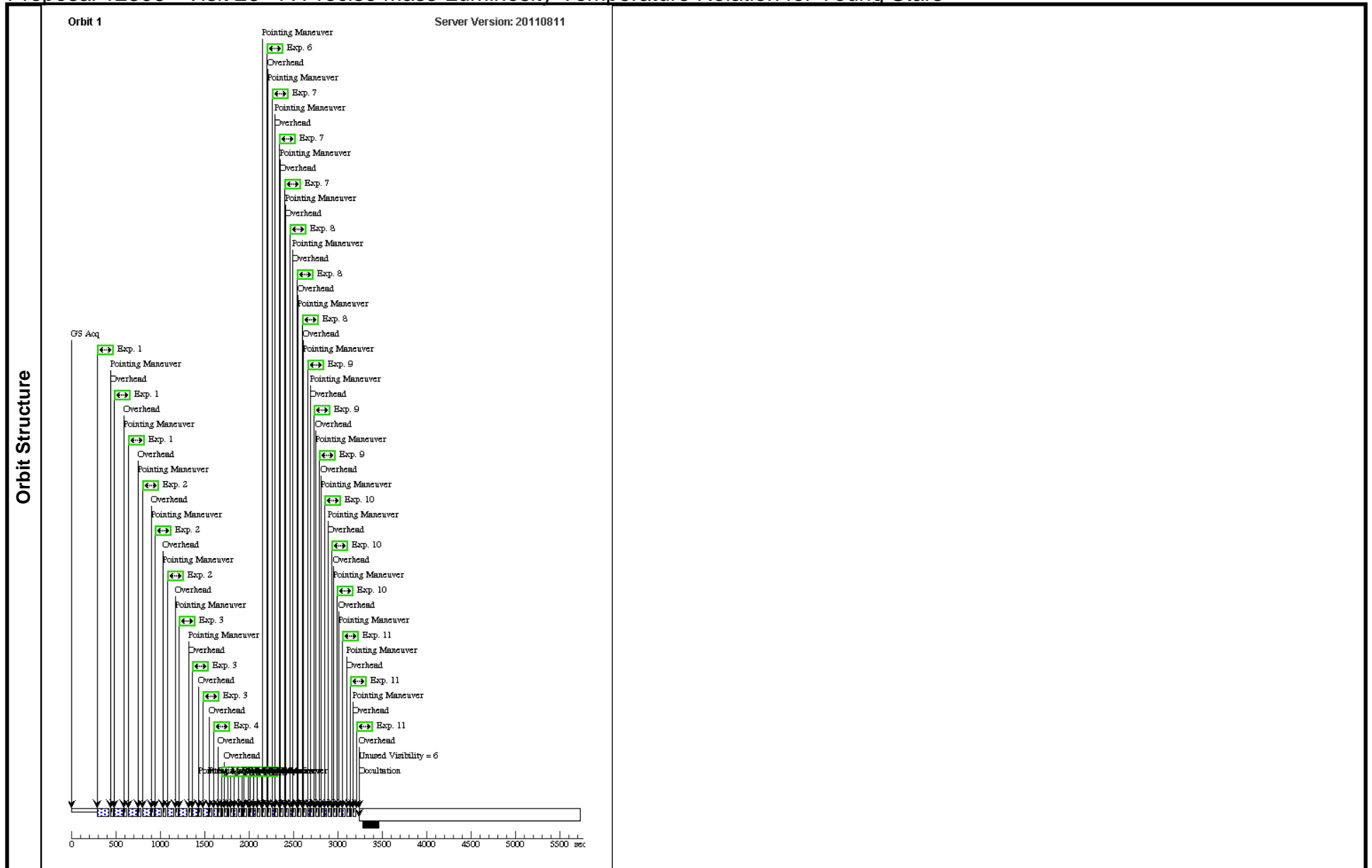
Proposal 12506 - Visit 26 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Fri Sep 30 01:10:49 GMT 2011

Visit	Proposal 12506, Visit 26, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)					
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1), (2), (3), (4), (5), (6), (7), (8), (9), (10), (11)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(13)	SCOPMS19	RA: 15 59 59.9500 (239.9997917d) Dec: -22 20 36.80 (-22.34356d) Equinox: J2000		V=12.3+/-0.5	Reference Frame: ICRS

Proposal 12506 - Visit 26 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(13) SCOPMS19	(13) SCOPMS19	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F275W			Pattern 1, Exps 1-1 in Visit 26 (1)	100 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	(13) SCOPMS19	(13) SCOPMS19	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F395N			Pattern 1, Exps 2-2 in Visit 26 (1)	75 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	3	(13) SCOPMS19	(13) SCOPMS19	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F336W			Pattern 1, Exps 3-3 in Visit 26 (1)	60 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	4	(13) SCOPMS19	(13) SCOPMS19	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F390W			Pattern 1, Exps 4-4 in Visit 26 (1)	13 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	5	(13) SCOPMS19	(13) SCOPMS19	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F438W			Pattern 1, Exps 5-5 in Visit 26 (1)	8 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	6	(13) SCOPMS19	(13) SCOPMS19	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F475W			Pattern 1, Exps 6-6 in Visit 26 (1)	1.2 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	7	(13) SCOPMS19	(13) SCOPMS19	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F555W			Pattern 1, Exps 7-7 in Visit 26 (1)	0.7 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	8	(13) SCOPMS19	(13) SCOPMS19	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F625W			Pattern 1, Exps 8-8 in Visit 26 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	9	(13) SCOPMS19	(13) SCOPMS19	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F775W			Pattern 1, Exps 9-9 in Visit 26 (1)	0.7 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	10	(13) SCOPMS19	(13) SCOPMS19	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F850LP			Pattern 1, Exps 10-10 in Visit 26 (1)	1.1 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
11	(13) SCOPMS19	(13) SCOPMS19	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F656N			Pattern 1, Exps 11-11 in Visit 26 (1)	12 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	



Proposal 12506 - Visit 25 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Fri Sep 30 01:10:50 GMT 2011

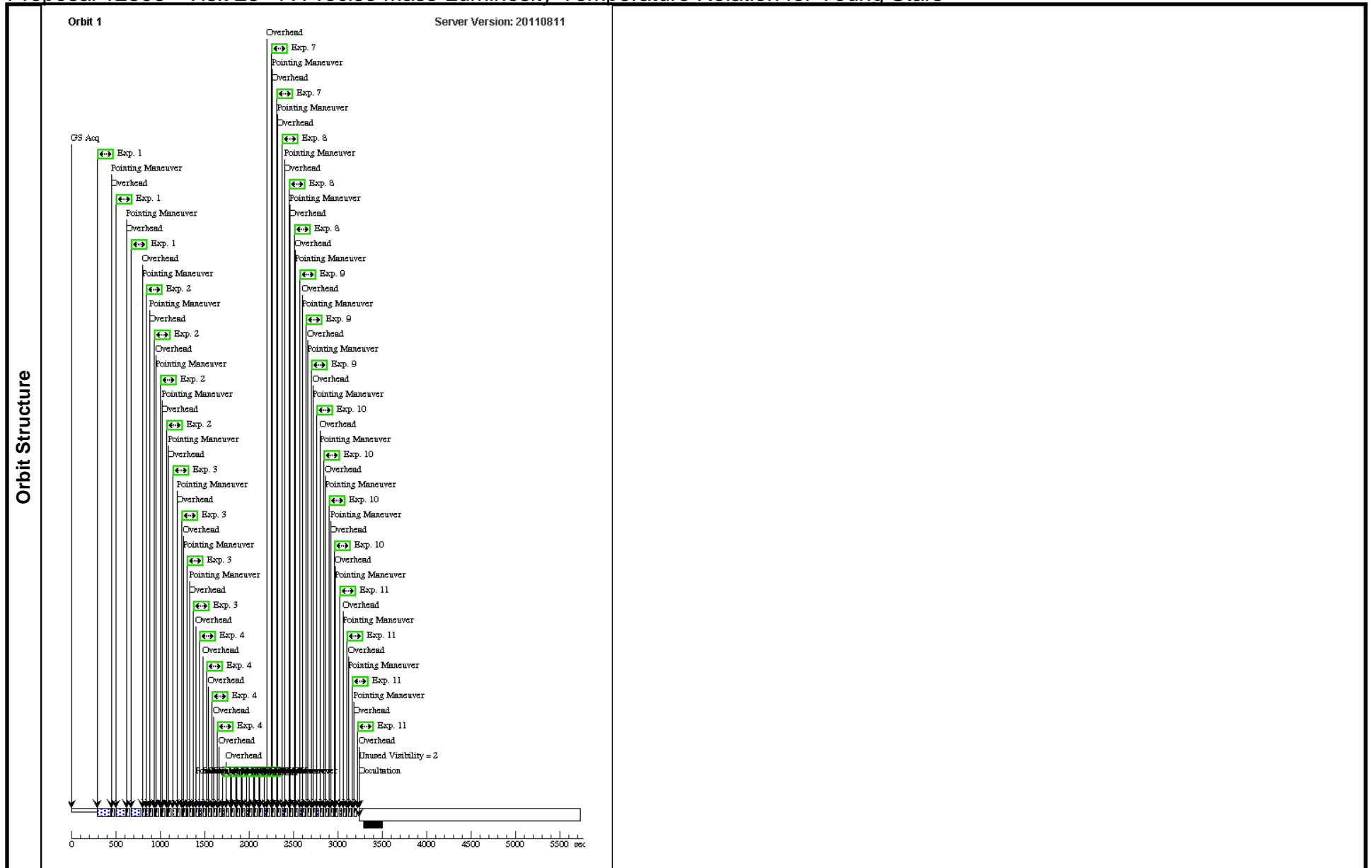
Visit	Proposal 12506, Visit 25, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)					
	#	Primary Pattern	Secondary Pattern	Exposures		
Patterns	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1), (6), (7), (8), (9)		
	(2)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false		(2), (3), (4), (5), (10), (11)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	GSC06209-00735	RA: 16 08 14.7400 (242.0614167d) Dec: -19 08 32.80 (-19.14244d) Equinox: J2000		V=11.0+/-0.5	Reference Frame: ICRS

Proposal 12506 - Visit 25 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	(14) GSC06209-007 35	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F275W			Pattern 1, Exps 1-1 i n Visit 25 (1)	115 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	(14) GSC06209-007 35	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F395N			Pattern 2, Exps 2-2 i n Visit 25 (2)	12 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	3	(14) GSC06209-007 35	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F336W			Pattern 2, Exps 3-3 i n Visit 25 (2)	10 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	4	(14) GSC06209-007 35	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F390W			Pattern 2, Exps 4-4 i n Visit 25 (2)	1.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	5	(14) GSC06209-007 35	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F438W			Pattern 2, Exps 5-5 i n Visit 25 (2)	1.2 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	6	(14) GSC06209-007 35	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F475W			Pattern 1, Exps 6-6 i n Visit 25 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	7	(14) GSC06209-007 35	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F555W			Pattern 1, Exps 7-7 i n Visit 25 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	8	(14) GSC06209-007 35	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F625W			Pattern 1, Exps 8-8 i n Visit 25 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	9	(14) GSC06209-007 35	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F775W			Pattern 1, Exps 9-9 i n Visit 25 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]

Proposal 12506 - Visit 25 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

10	(14) GSC06209-007 35	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F850LP	Pattern 2, Exps 10-1 0 in Visit 25 (2)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
11	(14) GSC06209-007 35	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F656N	Pattern 2, Exps 11-1 1 in Visit 25 (2)	3.3 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 12506 - Visit 24 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Fri Sep 30 01:10:51 GMT 2011

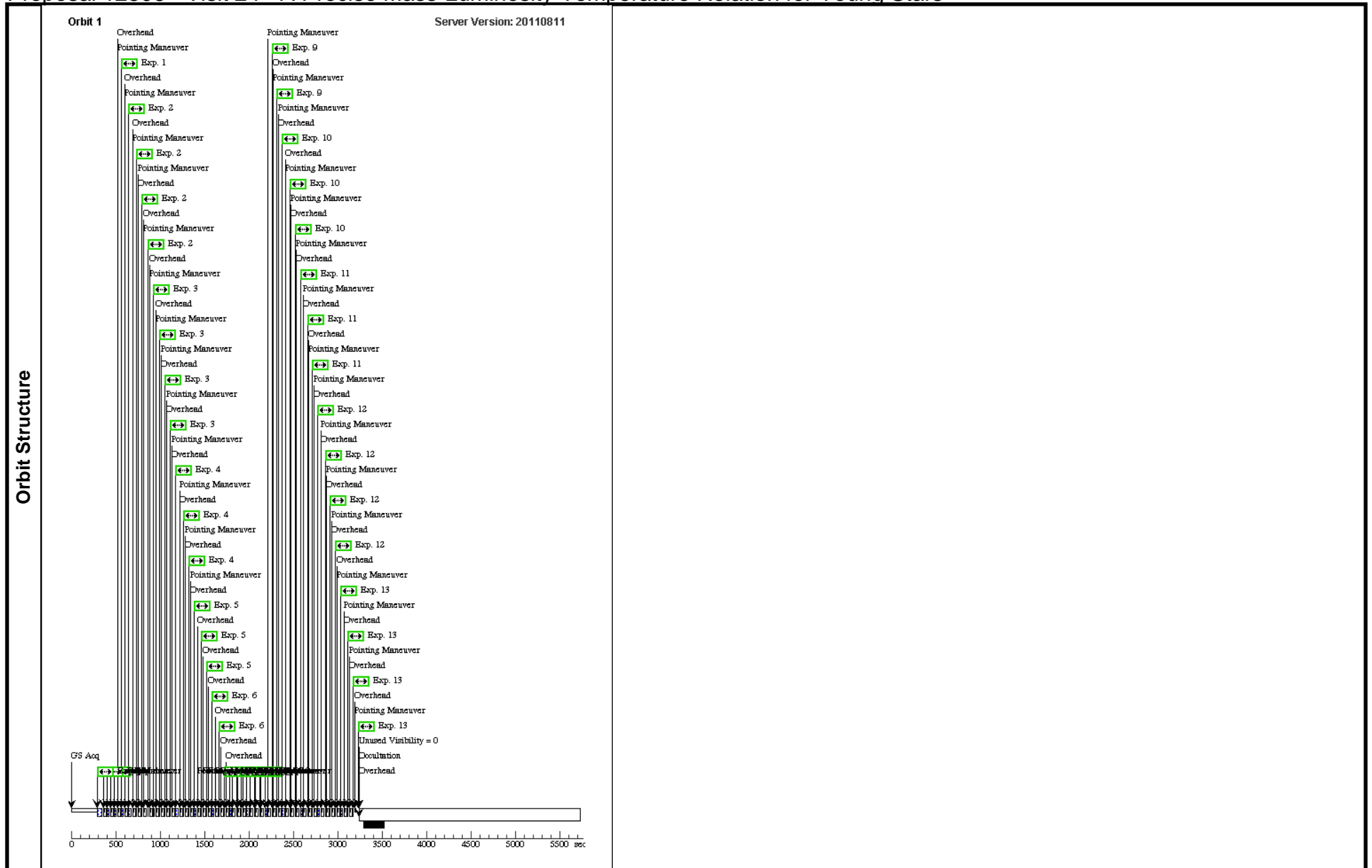
Visit	Proposal 12506, Visit 24, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)					
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures	
(1)		Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(4), (5), (6), (7), (8), (9), (10), (11)	
(2)		Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false		(1), (2), (3), (12), (13)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(15)	GSC06794-00156	RA: 16 24 51.3600 (246.2140000d) Dec: -22 39 32.50 (-22.65903d) Equinox: J2000		V=9.3+/-0.5	Reference Frame: ICRS

Proposal 12506 - Visit 24 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	(15) GSC06794-001 56	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F225W			Pattern 2, Exps 1-1 i n Visit 24 (2)	22 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	2	(15) GSC06794-001 56	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F275W			Pattern 2, Exps 2-2 i n Visit 24 (2)	5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	3	(15) GSC06794-001 56	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F395N			Pattern 2, Exps 3-3 i n Visit 24 (2)	0.9 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	4	(15) GSC06794-001 56	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F336W			Pattern 1, Exps 4-4 i n Visit 24 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	5	(15) GSC06794-001 56	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F390W			Pattern 1, Exps 5-5 i n Visit 24 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	6	(15) GSC06794-001 56	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F438W			Pattern 1, Exps 6-6 i n Visit 24 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	7	(15) GSC06794-001 56	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M			Pattern 1, Exps 7-7 i n Visit 24 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	8	(15) GSC06794-001 56	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M			Pattern 1, Exps 8-8 i n Visit 24 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	9	(15) GSC06794-001 56	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F631N			Pattern 1, Exps 9-9 i n Visit 24 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	10	(15) GSC06794-001 56	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F775W			Pattern 1, Exps 10-1 0 in Visit 24 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]

Proposal 12506 - Visit 24 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

11	(15) GSC06794-001 56	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F850LP	Pattern 1, Exps 11-1 1 in Visit 24 (1)	0.5 Secs	[1]
					[==>(Pattern 1)]	
					[==>(Pattern 2)]	
12	(15) GSC06794-001 56	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F673N	Pattern 2, Exps 12-1 2 in Visit 24 (2)	0.5 Secs	[1]
					[==>(Pattern 1)]	
					[==>(Pattern 2)]	
13	(15) GSC06794-001 56	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F656N	Pattern 2, Exps 13-1 3 in Visit 24 (2)	0.8 Secs	[1]
					[==>(Pattern 1)]	
					[==>(Pattern 2)]	



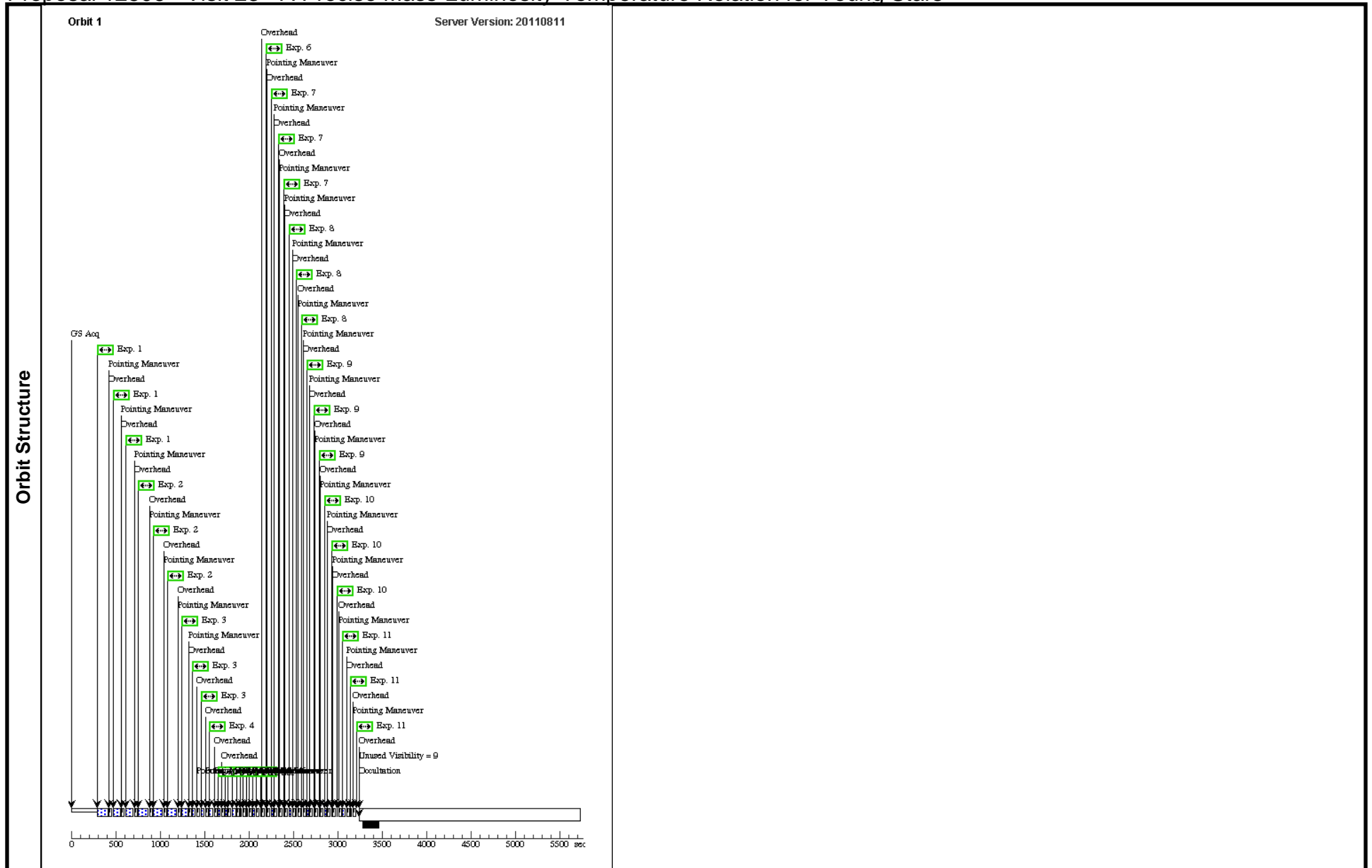
Proposal 12506 - Visit 23 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Fri Sep 30 01:10:52 GMT 2011

Visit	Proposal 12506, Visit 23, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)					
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1), (2), (3), (4), (5), (6), (7), (8), (9), (10), (11)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(16)	RXJ1550.0-3212	RA: 15 50 4.9900 (237.5207917d) Dec: -23 11 53.70 (-23.19825d) Equinox: J2000		V=13.0+/-0.5	Reference Frame: ICRS

Proposal 12506 - Visit 23 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	(16) RXJ1550.0-321 2	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F275W			Pattern 1, Exps 1-1 i n Visit 23 (1)	85 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	(16) RXJ1550.0-321 2	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F395N			Pattern 1, Exps 2-2 i n Visit 23 (1)	100 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	3	(16) RXJ1550.0-321 2	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F336W			Pattern 1, Exps 3-3 i n Visit 23 (1)	35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	4	(16) RXJ1550.0-321 2	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F390W			Pattern 1, Exps 4-4 i n Visit 23 (1)	20 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	5	(16) RXJ1550.0-321 2	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F438W			Pattern 1, Exps 5-5 i n Visit 23 (1)	13 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	6	(16) RXJ1550.0-321 2	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F475W			Pattern 1, Exps 6-6 i n Visit 23 (1)	1.8 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	7	(16) RXJ1550.0-321 2	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F555W			Pattern 1, Exps 7-7 i n Visit 23 (1)	1 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	8	(16) RXJ1550.0-321 2	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F625W			Pattern 1, Exps 8-8 i n Visit 23 (1)	1.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	9	(16) RXJ1550.0-321 2	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F775W			Pattern 1, Exps 9-9 i n Visit 23 (1)	1 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	10	(16) RXJ1550.0-321 2	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F850LP			Pattern 1, Exps 10-1 0 in Visit 23 (1)	3 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	11	(16) RXJ1550.0-321 2	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F656N			Pattern 1, Exps 11-1 1 in Visit 23 (1)	12 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]



Proposal 12506 - Visit 22 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Fri Sep 30 01:10:53 GMT 2011

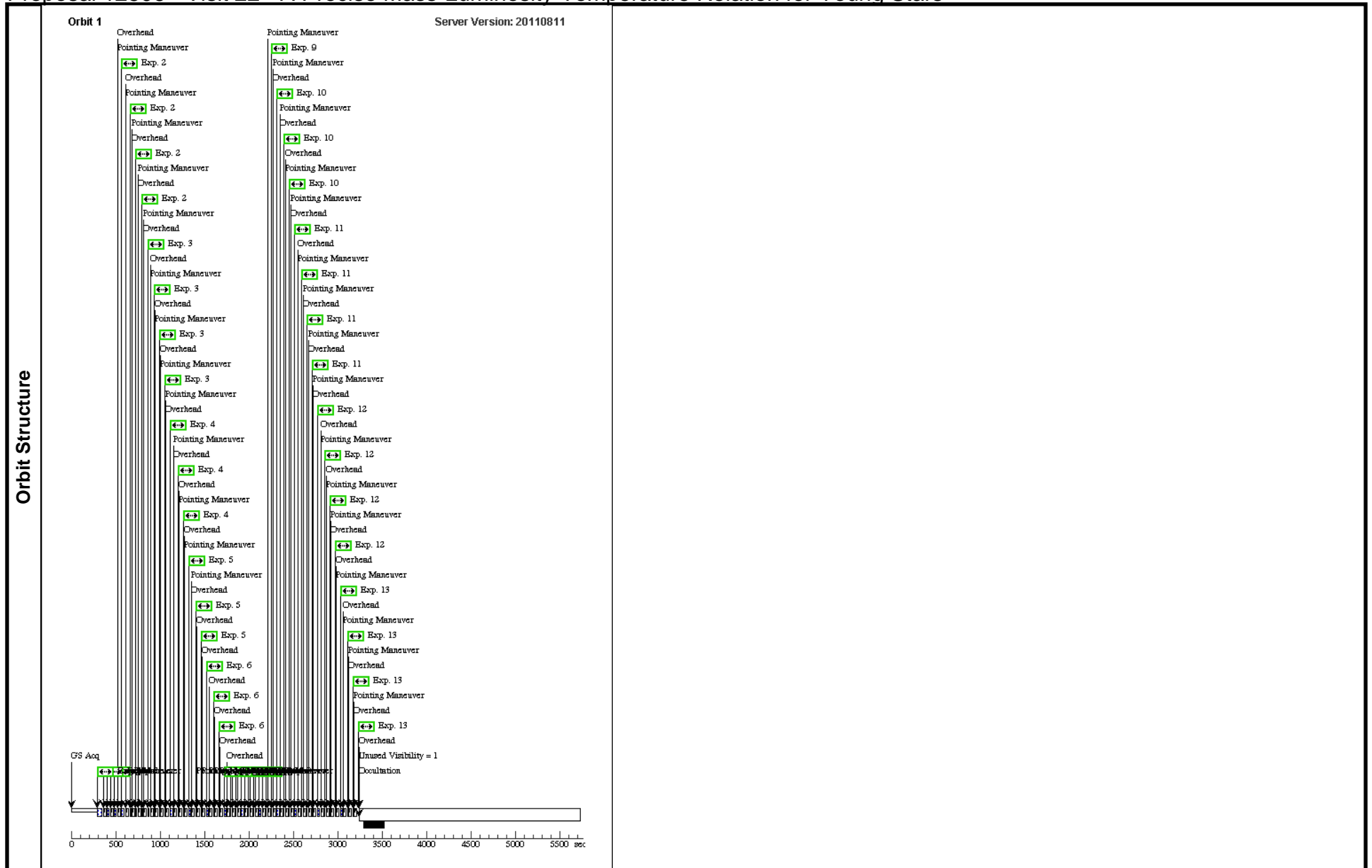
Visit	Proposal 12506, Visit 22, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)					
	#	Primary Pattern	Secondary Pattern	Exposures		
Patterns	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1), (4), (5), (6), (7), (8), (9), (10)		
	(2)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false		(2), (3), (11), (12), (13)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(17)	RXJ1601.9-2008	RA: 16 01 58.2300 (240.4926250d) Dec: -20 08 12.20 (-20.13672d) Equinox: J2000		V=9.9+/-0.5	Reference Frame: ICRS

Proposal 12506 - Visit 22 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	(17) RXJ1601.9-2008	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F225W			Pattern 1, Exps 1-1 in Visit 22 (1)	22 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	(17) RXJ1601.9-2008	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F275W			Pattern 2, Exps 2-2 in Visit 22 (2)	9 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	3	(17) RXJ1601.9-2008	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F395N			Pattern 2, Exps 3-3 in Visit 22 (2)	0.9 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]
	4	(17) RXJ1601.9-2008	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F336W			Pattern 1, Exps 4-4 in Visit 22 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	5	(17) RXJ1601.9-2008	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F390W			Pattern 1, Exps 5-5 in Visit 22 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	6	(17) RXJ1601.9-2008	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F438W			Pattern 1, Exps 6-6 in Visit 22 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	7	(17) RXJ1601.9-2008	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F467M			Pattern 1, Exps 7-7 in Visit 22 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	8	(17) RXJ1601.9-2008	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F547M			Pattern 1, Exps 8-8 in Visit 22 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	9	(17) RXJ1601.9-2008	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F631N			Pattern 1, Exps 9-9 in Visit 22 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	10	(17) RXJ1601.9-2008	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F775W			Pattern 1, Exps 10-10 in Visit 22 (1)	0.5 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]

Proposal 12506 - Visit 22 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

11	(17) RXJ1601.9-2008	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F850LP	Pattern 2, Exps 11-1 1 in Visit 22 (2)	0.5 Secs	[1]
					[==>(Pattern 1)]	
					[==>(Pattern 2)]	
12	(17) RXJ1601.9-2008	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F673N	Pattern 2, Exps 12-1 2 in Visit 22 (2)	0.5 Secs	[1]
					[==>(Pattern 1)]	
					[==>(Pattern 2)]	
13	(17) RXJ1601.9-2008	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F656N	Pattern 2, Exps 13-1 3 in Visit 22 (2)	1.3 Secs	[1]
					[==>(Pattern 1)]	
					[==>(Pattern 2)]	



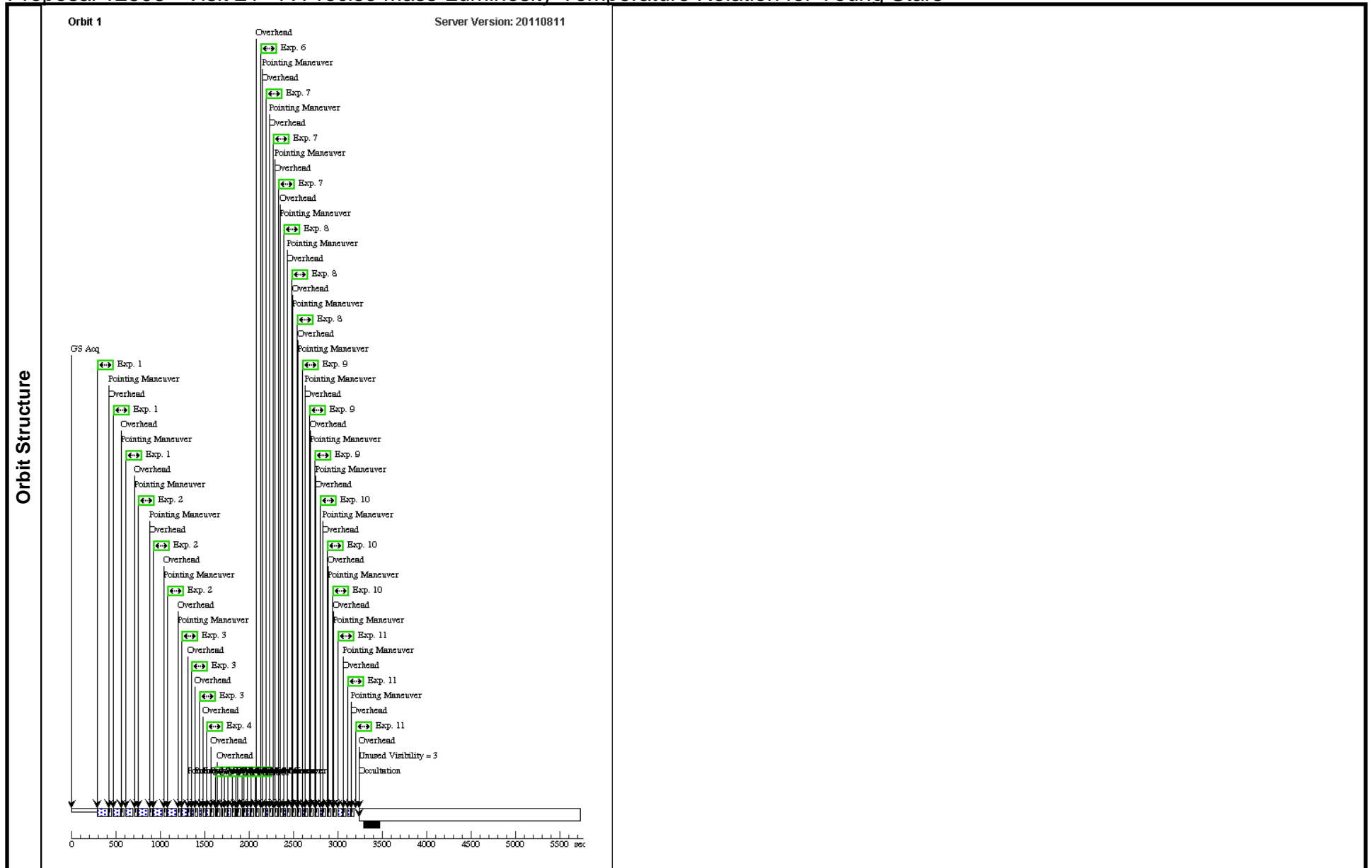
Proposal 12506 - Visit 21 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Fri Sep 30 01:10:54 GMT 2011

Visit	Proposal 12506, Visit 21, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)					
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1), (2), (3), (4), (5), (6), (7), (8), (9), (10), (11)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(18)	USCO1605179	RA: 16 05 17.9200 (241.3246667d) Dec: -20 24 19.50 (-20.40542d) Equinox: J2000		V=13.2+/-0.5	Reference Frame: ICRS

Proposal 12506 - Visit 21 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(18) USCO1605179	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F275W			Pattern 1, Exps 1-1 in Visit 21 (1)	85 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2		(18) USCO1605179	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F395N			Pattern 1, Exps 2-2 in Visit 21 (1)	100 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	3		(18) USCO1605179	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F336W			Pattern 1, Exps 3-3 in Visit 21 (1)	25 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	4		(18) USCO1605179	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F390W			Pattern 1, Exps 4-4 in Visit 21 (1)	14 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	5		(18) USCO1605179	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F438W			Pattern 1, Exps 5-5 in Visit 21 (1)	9 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	6		(18) USCO1605179	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F475W			Pattern 1, Exps 6-6 in Visit 21 (1)	2.6 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	7		(18) USCO1605179	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F555W			Pattern 1, Exps 7-7 in Visit 21 (1)	1.4 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	8		(18) USCO1605179	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F625W			Pattern 1, Exps 8-8 in Visit 21 (1)	2 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	9		(18) USCO1605179	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F775W			Pattern 1, Exps 9-9 in Visit 21 (1)	1.4 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	10		(18) USCO1605179	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F850LP			Pattern 1, Exps 10-10 in Visit 21 (1)	1.6 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
11		(18) USCO1605179	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F656N			Pattern 1, Exps 11-11 in Visit 21 (1)	32 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	

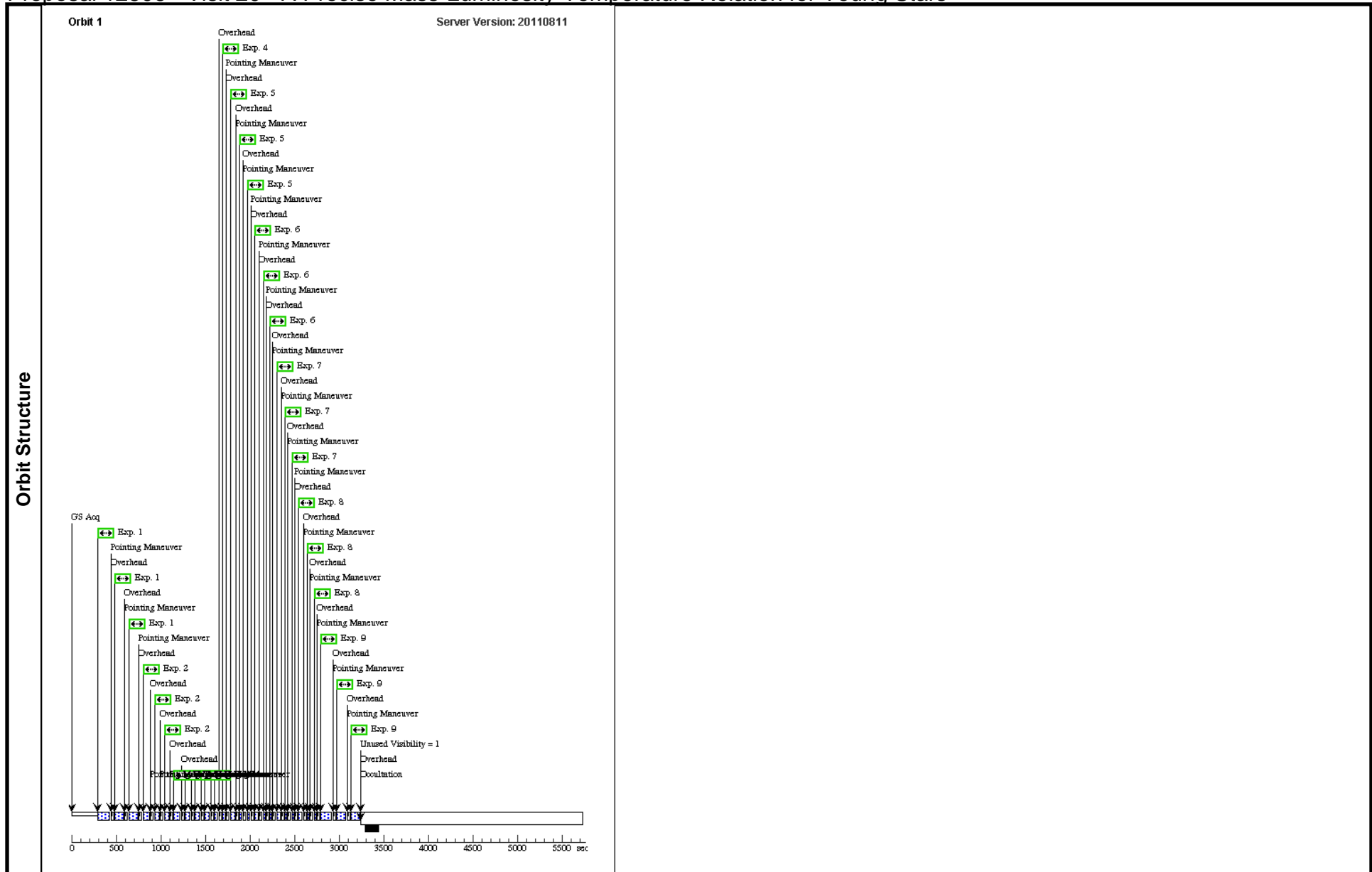


Proposal 12506 - Visit 20 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Visit	Proposal 12506, Visit 20, implementation Fri Sep 30 01:10:54 GMT 2011 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)					
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures	
(1)		Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1), (2), (3), (4), (5), (6), (7), (8), (9)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(19)	USCO1606119	RA: 16 06 11.9000 (241.5495833d) Dec: -19 35 33.10 (-19.59253d) Equinox: J2000		V=16.2+/-0.5	Reference Frame: ICRS

Proposal 12506 - Visit 20 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(19) USCO1606119	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F336W			Pattern 1, Exps 1-1 i n Visit 20 (1)	100 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(19) USCO1606119	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F390W			Pattern 1, Exps 2-2 i n Visit 20 (1)	50 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	3		(19) USCO1606119	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F438W			Pattern 1, Exps 3-3 i n Visit 20 (1)	50 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	4		(19) USCO1606119	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F475W			Pattern 1, Exps 4-4 i n Visit 20 (1)	30 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	5		(19) USCO1606119	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F555W			Pattern 1, Exps 5-5 i n Visit 20 (1)	25 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	6		(19) USCO1606119	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F625W			Pattern 1, Exps 6-6 i n Visit 20 (1)	17 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	7		(19) USCO1606119	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F775W			Pattern 1, Exps 7-7 i n Visit 20 (1)	17 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	8		(19) USCO1606119	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F850LP			Pattern 1, Exps 8-8 i n Visit 20 (1)	19 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	9		(19) USCO1606119	WFC3/UVIS, ACCUM, UVIS2-M512C-SUB	F656N			Pattern 1, Exps 9-9 i n Visit 20 (1)	100 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]



Proposal 12506 - Visit 19 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

Fri Sep 30 01:10:55 GMT 2011

Visit	Proposal 12506, Visit 19, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)					
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1), (2), (3), (4), (5), (6), (7), (8), (9), (10), (11)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(20)	ROXS47	RA: 16 32 11.7940 (248.0491417d) Dec: -24 40 21.37 (-24.67260d) Equinox: J2000		V=13.7+/-0.5	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					

Proposal 12506 - Visit 19 - A Precise Mass-Luminosity-Temperature Relation for Young Stars

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	(20) ROXS47	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W		GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-1 in Visit 19 (1)	100 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	(20) ROXS47	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F395N			Pattern 1, Exps 2-2 in Visit 19 (1)	100 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	3	(20) ROXS47	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W			Pattern 1, Exps 3-3 in Visit 19 (1)	30 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	4	(20) ROXS47	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F390W			Pattern 1, Exps 4-4 in Visit 19 (1)	15 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	5	(20) ROXS47	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W			Pattern 1, Exps 5-5 in Visit 19 (1)	9.2 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	6	(20) ROXS47	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F475W			Pattern 1, Exps 6-6 in Visit 19 (1)	2.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	7	(20) ROXS47	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F555W			Pattern 1, Exps 7-7 in Visit 19 (1)	1.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	8	(20) ROXS47	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F625W			Pattern 1, Exps 8-8 in Visit 19 (1)	0.8 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	9	(20) ROXS47	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F775W			Pattern 1, Exps 9-9 in Visit 19 (1)	0.9 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	10	(20) ROXS47	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F850LP			Pattern 1, Exps 10-10 in Visit 19 (1)	0.9 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	11	(20) ROXS47	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N			Pattern 1, Exps 11-11 in Visit 19 (1)	15 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]

