



11688 - Exploring the Bottom End of the White Dwarf Cooling Sequence in the Open Cluster NGC6819

Cycle: 17, 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) NGC-6819	ACS/WFC WFC3/UVIS	1	22-Oct-2009 21:08:54.0	yes
02	(1) NGC-6819	ACS/WFC WFC3/UVIS	1	22-Oct-2009 21:09:00.0	yes
03	(1) NGC-6819	ACS/WFC WFC3/UVIS	1	22-Oct-2009 21:09:06.0	yes
04	(1) NGC-6819	ACS/WFC WFC3/UVIS	1	22-Oct-2009 21:09:14.0	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>
05	(1) NGC-6819	ACS/WFC WFC3/UVIS	1	22-Oct-2009 21:09:19.0	yes
06	(1) NGC-6819	ACS/WFC WFC3/UVIS	1	22-Oct-2009 21:09:23.0	yes
07	(1) NGC-6819	ACS/WFC WFC3/UVIS	1	22-Oct-2009 21:09:28.0	yes
08	(1) NGC-6819	ACS/WFC WFC3/UVIS	1	22-Oct-2009 21:09:32.0	yes
A6	(1) NGC-6819	ACS/WFC WFC3/UVIS	1	22-Oct-2009 21:09:37.0	yes
A7	(1) NGC-6819	ACS/WFC WFC3/UVIS	1	22-Oct-2009 21:09:41.0	yes
A8	(1) NGC-6819	ACS/WFC WFC3/UVIS	1	22-Oct-2009 21:09:46.0	yes

11 Total Orbits Used

ABSTRACT

The recent discovery by our group of an unexpectedly bright end of the white-dwarf (WD) luminosity function (LF) of the metal-rich, old open cluster NGC 6791 casts serious doubts on our understanding of the physical process which rules the formation and the cooling of WDs. It is clear at this point that the theory badly needs more observations.

Here we propose WFC3/UVIS and ACS/WFC HST observations reaching the bottom end of the WD LF, for the first time in a solar-metallicity, 2.5-Gyr-old, populous open cluster: NGC 6819.

OBSERVING DESCRIPTION

This is also a two-epoch astrometric program.

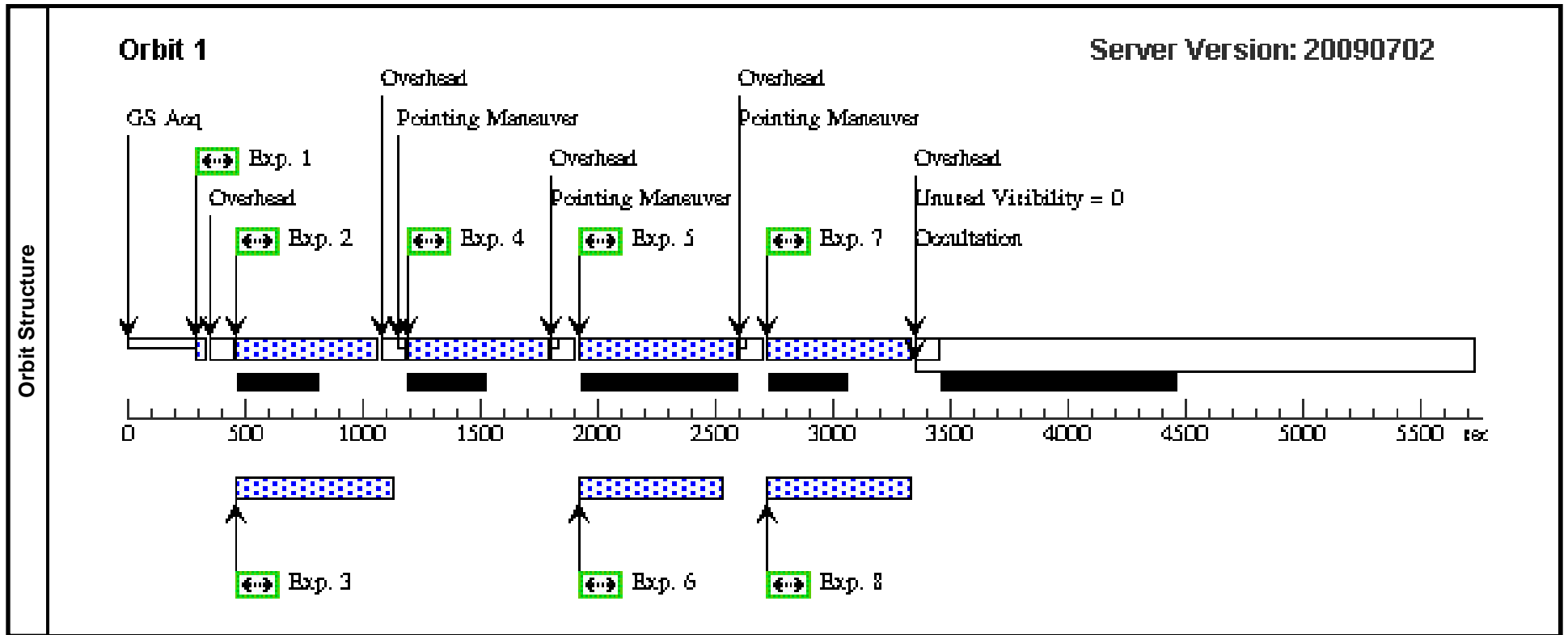
The first epoch is in this Cycle17, for which we were allocated with 8 orbits.

It is important to collect the first epoch data as soon as possible (ideally before the end of 2008, or as soon as possible in any case) so to enlarge the time-base-line when the second epoch will be collected (4 orbits in Cycle 19).

Proposal 11688 - Visit 01 - Exploring the Bottom End of the White Dwarf Cooling Sequence in the Open Cluster NGC6819

Fri Oct 23 01:09:49 GMT 2009

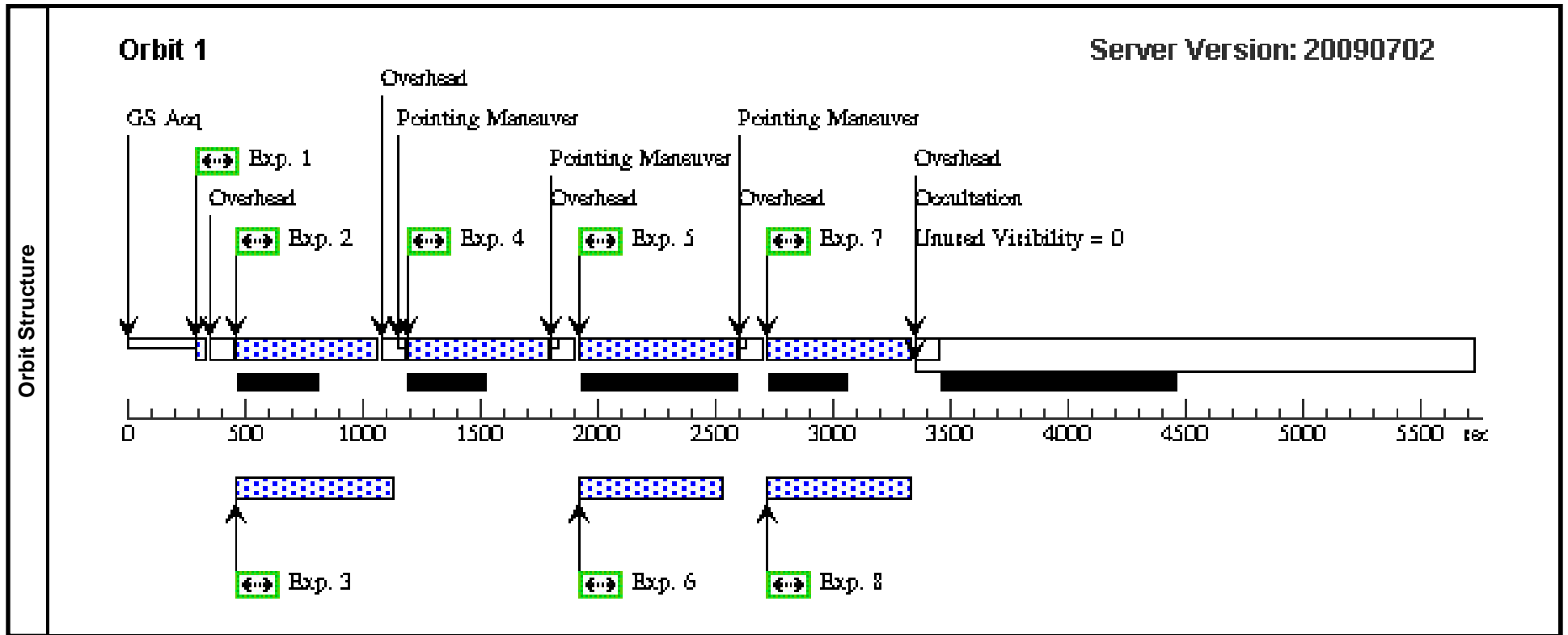
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Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1) NGC-6819 RA: 19 41 18.1000 (295.3254167d) Dec: +40 11 12.00 (40.18667d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	CR-SPLIT=NO	POS TARG -120,-120			10 Secs	[1]
	2	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	CR-SPLIT=NO	POS TARG -120,-120	Prime + Parallel Group 2-3	600 Secs	[1]	
	3	(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 2-3	466 Secs	[1]	
	4	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	CR-SPLIT=NO	POS TARG -100,-80		600 Secs	[1]	
	5	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	CR-SPLIT=NO	POS TARG -60,-60	Prime + Parallel Group 5-6	670 Secs	[1]	
	6	(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 5-6	490 Secs	[1]	
	7	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	CR-SPLIT=NO	POS TARG -80,-100	Prime + Parallel Group 7-8	616 Secs	[1]	
	8	(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 7-8	490 Secs	[1]	



Proposal 11688 - Visit 02 - Exploring the Bottom End of the White Dwarf Cooling Sequence in the Open Cluster NGC6819

Fri Oct 23 01:09:50 GMT 2009

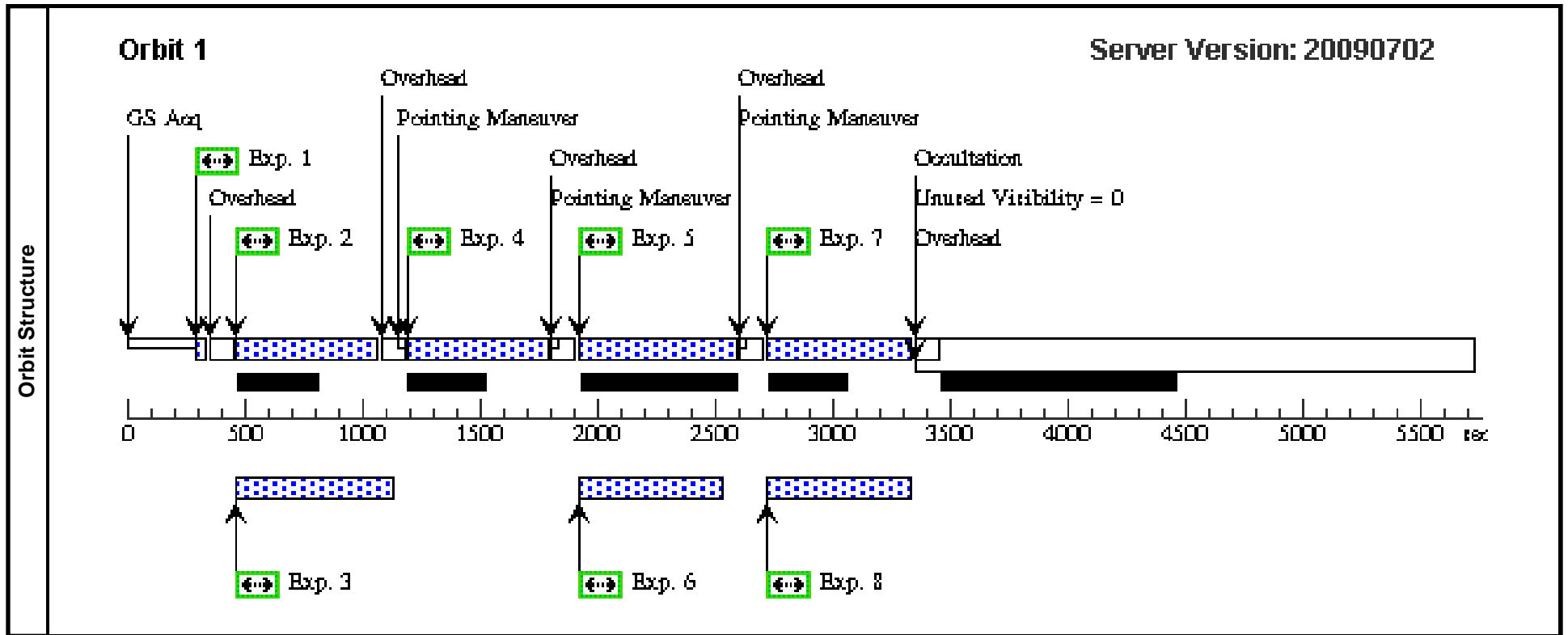
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<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	CR-SPLIT=NO	POS TARG 40,40		10 Secs [==>]	[1]
	2		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	CR-SPLIT=NO	POS TARG 40,40	Prime + Parallel Group 2-3	600 Secs [==>]	[1]
	3		(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 2-3	466 Secs [==>]	[1]
	4		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	CR-SPLIT=NO	POS TARG 60,80		600 Secs [==>]	[1]
	5		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	CR-SPLIT=NO	POS TARG 80,60	Prime + Parallel Group 5-6	670 Secs [==>]	[1]
	6		(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 5-6	490 Secs [==>]	[1]
	7		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	CR-SPLIT=NO	POS TARG 100,100	Prime + Parallel Group 7-8	616 Secs [==>]	[1]
	8		(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 7-8	490 Secs [==>]	[1]



Proposal 11688 - Visit 03 - Exploring the Bottom End of the White Dwarf Cooling Sequence in the Open Cluster NGC6819

Fri Oct 23 01:09:51 GMT 2009

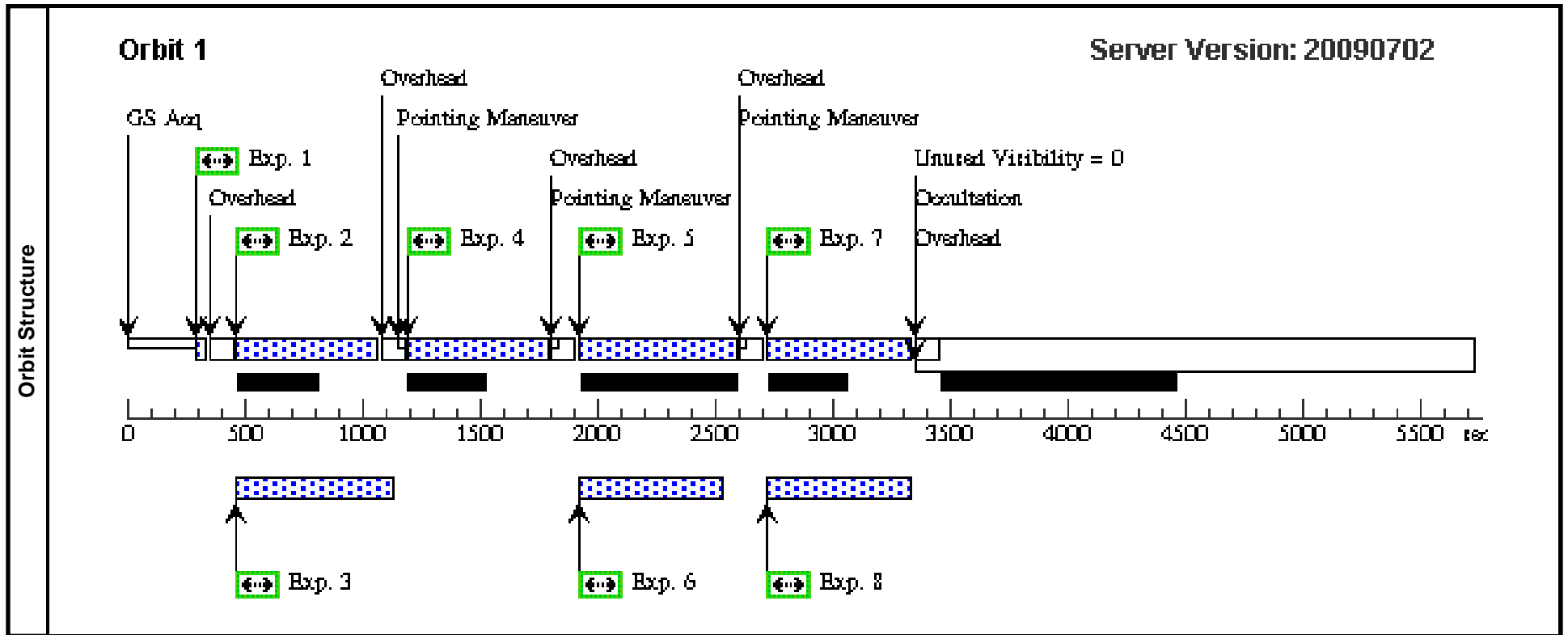
Visit	Proposal 11688, Visit 03, completed Diagnostic Status: Warning Scientific Instruments: ACS/WFC, WFC3/UVIS Special Requirements: SAME ORIENT AS 01; BEFORE 30-OCT-2009:23:59:59									
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Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	NGC-6819	RA: 19 41 18.1000 (295.3254167d) Dec: +40 11 12.00 (40.18667d) Equinox: J2000		V=25+/-2	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	CR-SPLIT=NO	POS TARG 40,-120		10 Secs [==>]	[1]
	2		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	CR-SPLIT=NO	POS TARG 40,-120	Prime + Parallel Group 2-3	600 Secs [==>]	[1]
	3		(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 2-3	466 Secs [==>]	[1]
	4		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	CR-SPLIT=NO	POS TARG 60,-80		600 Secs [==>]	[1]
	5		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	CR-SPLIT=NO	POS TARG 80,-100	Prime + Parallel Group 5-6	670 Secs [==>]	[1]
	6		(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 5-6	490 Secs [==>]	[1]
	7		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	CR-SPLIT=NO	POS TARG 100,-60	Prime + Parallel Group 7-8	616 Secs [==>]	[1]
	8		(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 7-8	490 Secs [==>]	[1]



Proposal 11688 - Visit 04 - Exploring the Bottom End of the White Dwarf Cooling Sequence in the Open Cluster NGC6819

Fri Oct 23 01:09:51 GMT 2009

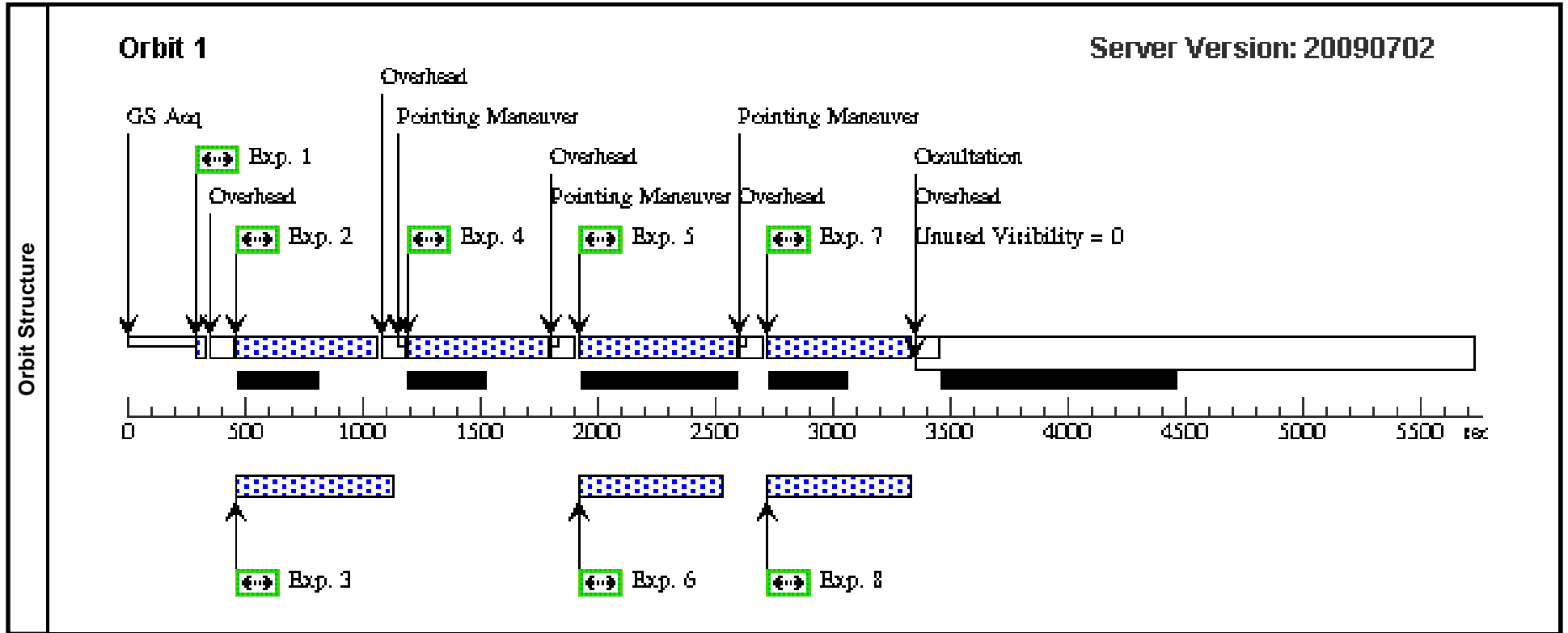
Visit	Proposal 11688, Visit 04, scheduling Diagnostic Status: Warning Scientific Instruments: ACS/WFC, WFC3/UVIS Special Requirements: SAME ORIENT AS 01; BEFORE 30-OCT-2009:23:59:59									
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Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	NGC-6819	RA: 19 41 18.1000 (295.3254167d) Dec: +40 11 12.00 (40.18667d) Equinox: J2000		V=25+/-2	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	CR-SPLIT=NO	POS TARG -120,40		10 Secs [==>]	[1]
	2		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	CR-SPLIT=NO	POS TARG -120,40	Prime + Parallel Group 2-3	600 Secs [==>]	[1]
	3		(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 2-3	466 Secs [==>]	[1]
	4		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	CR-SPLIT=NO	POS TARG -100,80		600 Secs [==>]	[1]
	5		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	CR-SPLIT=NO	POS TARG -80,60	Prime + Parallel Group 5-6	670 Secs [==>]	[1]
	6		(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 5-6	490 Secs [==>]	[1]
	7		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	CR-SPLIT=NO	POS TARG -60,100	Prime + Parallel Group 7-8	616 Secs [==>]	[1]
	8		(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 7-8	490 Secs [==>]	[1]



Proposal 11688 - Visit 05 - Exploring the Bottom End of the White Dwarf Cooling Sequence in the Open Cluster NGC6819

Fri Oct 23 01:09:52 GMT 2009

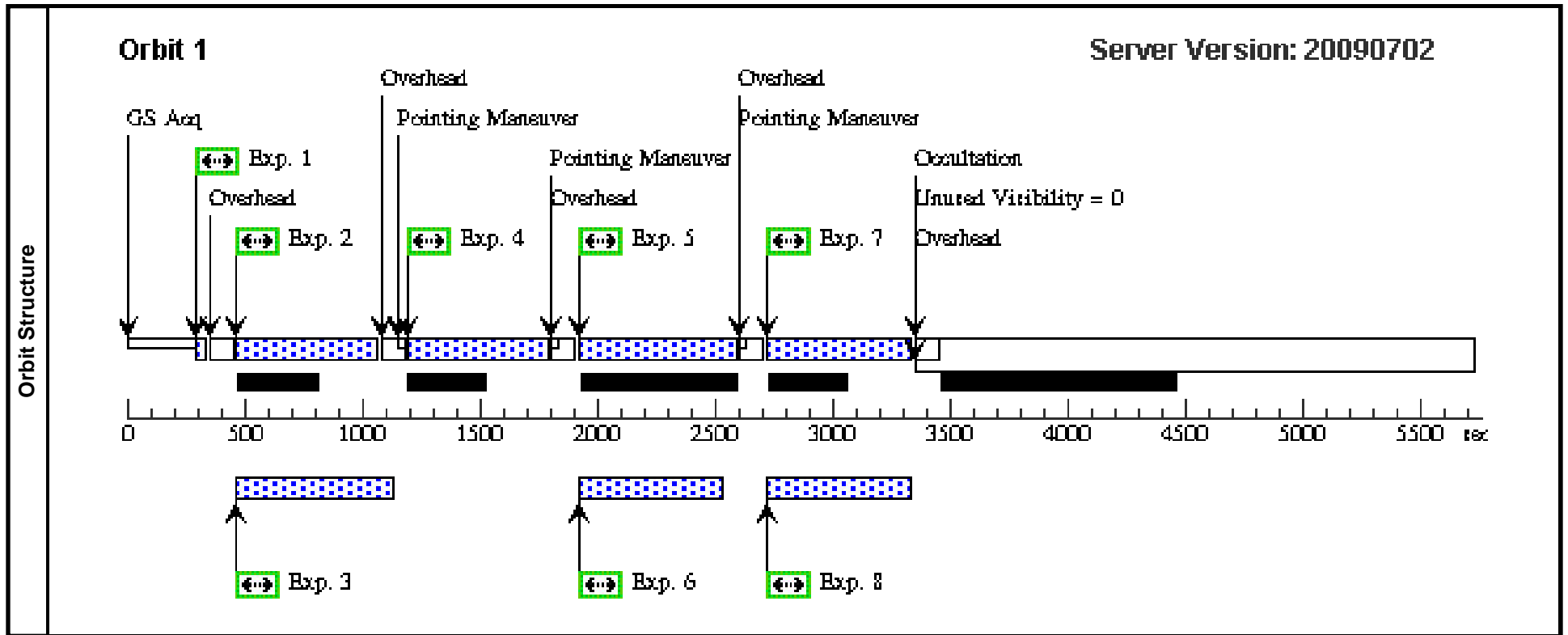
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Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	NGC-6819	RA: 19 41 18.1000 (295.3254167d) Dec: +40 11 12.00 (40.18667d) Equinox: J2000		V=25+/-2	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG -120,-120		10 Secs [==>]	[1]
	2	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG -120,-120	Prime + Parallel Group 2-3	600 Secs [==>]	[1]
	3	(1) NGC-6819	(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 2-3	466 Secs [==>]	[1]
	4	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG -100,-80		600 Secs [==>]	[1]
	5	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG -60,-60	Prime + Parallel Group 5-6	670 Secs [==>]	[1]
	6	(1) NGC-6819	(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 5-6	490 Secs [==>]	[1]
	7	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG -80,-100	Prime + Parallel Group 7-8	616 Secs [==>]	[1]
	8	(1) NGC-6819	(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 7-8	490 Secs [==>]	[1]



Proposal 11688 - Visit 06 - Exploring the Bottom End of the White Dwarf Cooling Sequence in the Open Cluster NGC6819

Fri Oct 23 01:09:52 GMT 2009

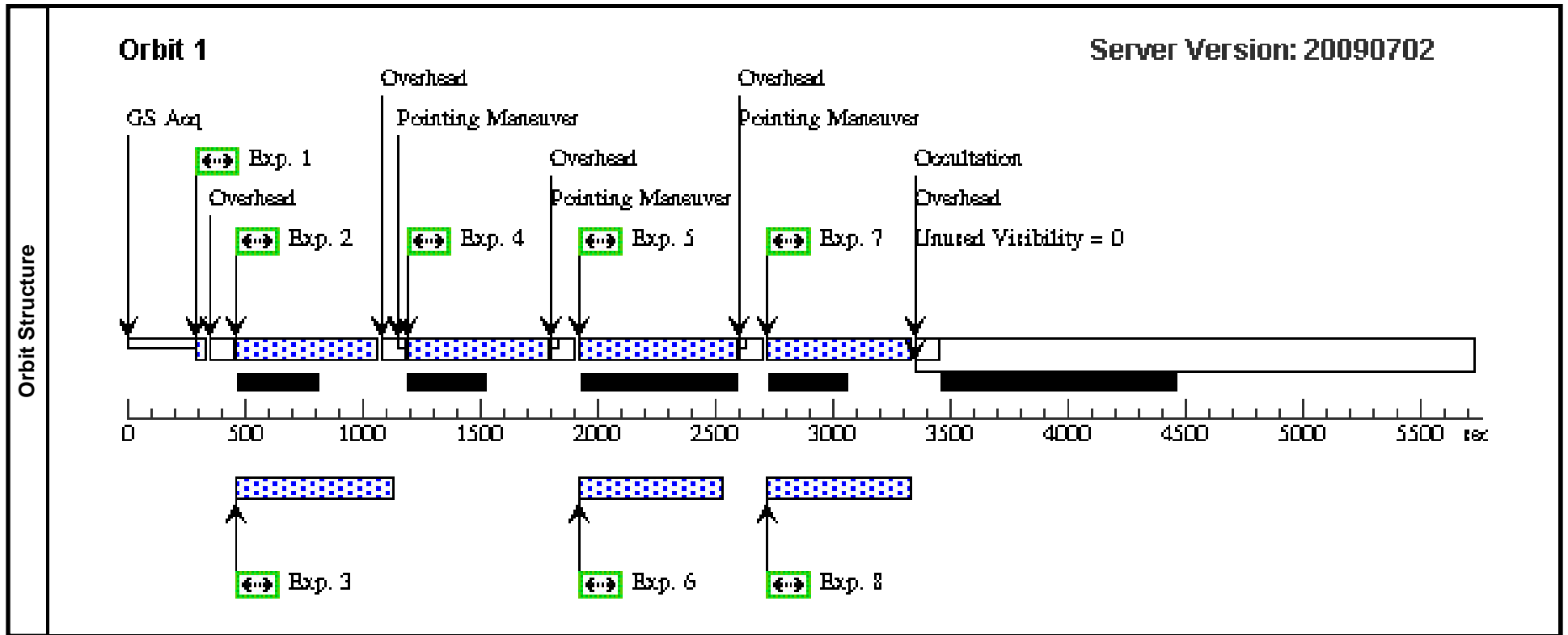
Visit	Proposal 11688, Visit 06, scheduling Diagnostic Status: Warning Scientific Instruments: ACS/WFC, WFC3/UVIS Special Requirements: SAME ORIENT AS 01; BEFORE 30-OCT-2009:23:59:59									
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Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
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<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG 40,40		10 Secs [==>]	[1]
	2	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG 40,40	Prime + Parallel Group 2-3	600 Secs [==>]	[1]
	3	(1) NGC-6819	(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 2-3	466 Secs [==>]	[1]
	4	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG 60,80		600 Secs [==>]	[1]
	5	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG 80,60	Prime + Parallel Group 5-6	670 Secs [==>]	[1]
	6	(1) NGC-6819	(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 5-6	490 Secs [==>]	[1]
	7	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG 100,100	Prime + Parallel Group 7-8	616 Secs [==>]	[1]
	8	(1) NGC-6819	(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 7-8	490 Secs [==>]	[1]



Proposal 11688 - Visit 07 - Exploring the Bottom End of the White Dwarf Cooling Sequence in the Open Cluster NGC6819

Fri Oct 23 01:09:52 GMT 2009

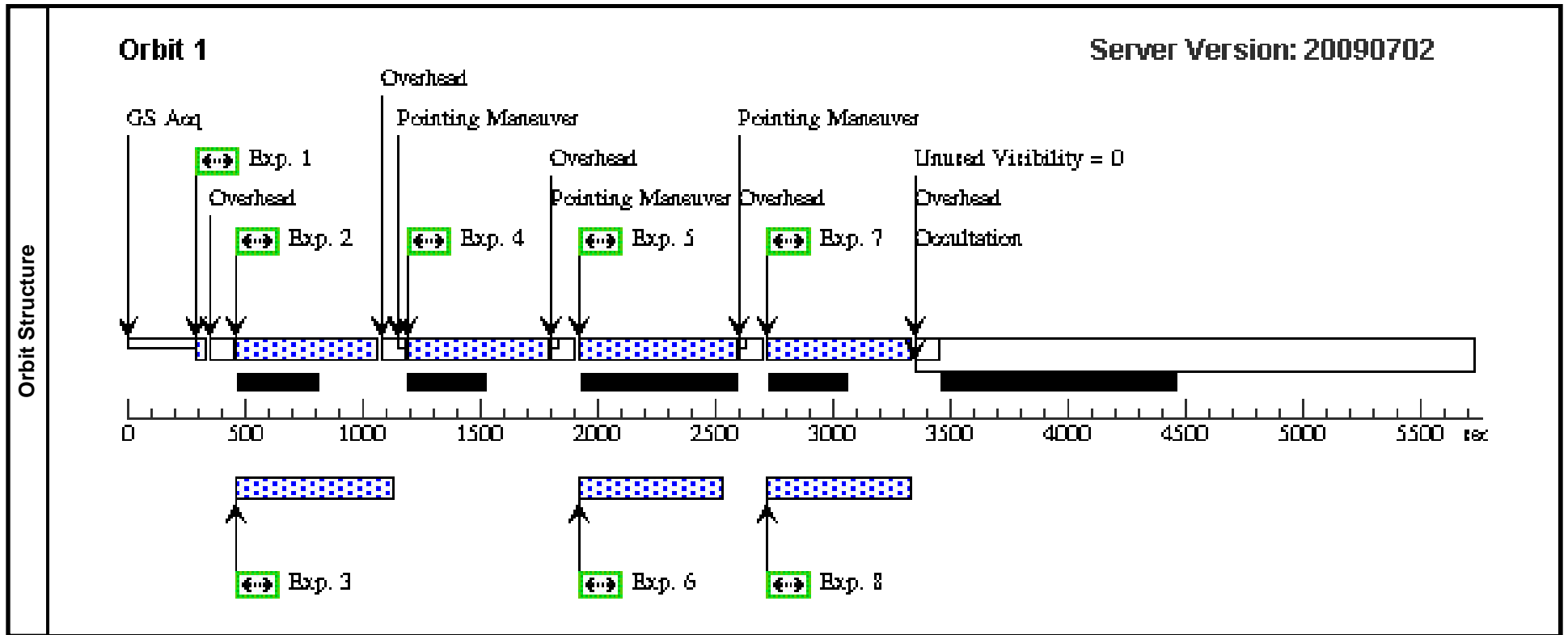
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Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	NGC-6819	RA: 19 41 18.1000 (295.3254167d) Dec: +40 11 12.00 (40.18667d) Equinox: J2000		V=25+/-2	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG 40,-120		10 Secs [==>]	[1]
	2		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG 40,-120	Prime + Parallel Group 2-3	600 Secs [==>]	[1]
	3		(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 2-3	466 Secs [==>]	[1]
	4		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG 60,-80		600 Secs [==>]	[1]
	5		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG 80,-100	Prime + Parallel Group 5-6	670 Secs [==>]	[1]
	6		(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 5-6	490 Secs [==>]	[1]
	7		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG 100,-60	Prime + Parallel Group 7-8	616 Secs [==>]	[1]
	8		(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 7-8	490 Secs [==>]	[1]



Proposal 11688 - Visit 08 - Exploring the Bottom End of the White Dwarf Cooling Sequence in the Open Cluster NGC6819

Fri Oct 23 01:09:53 GMT 2009

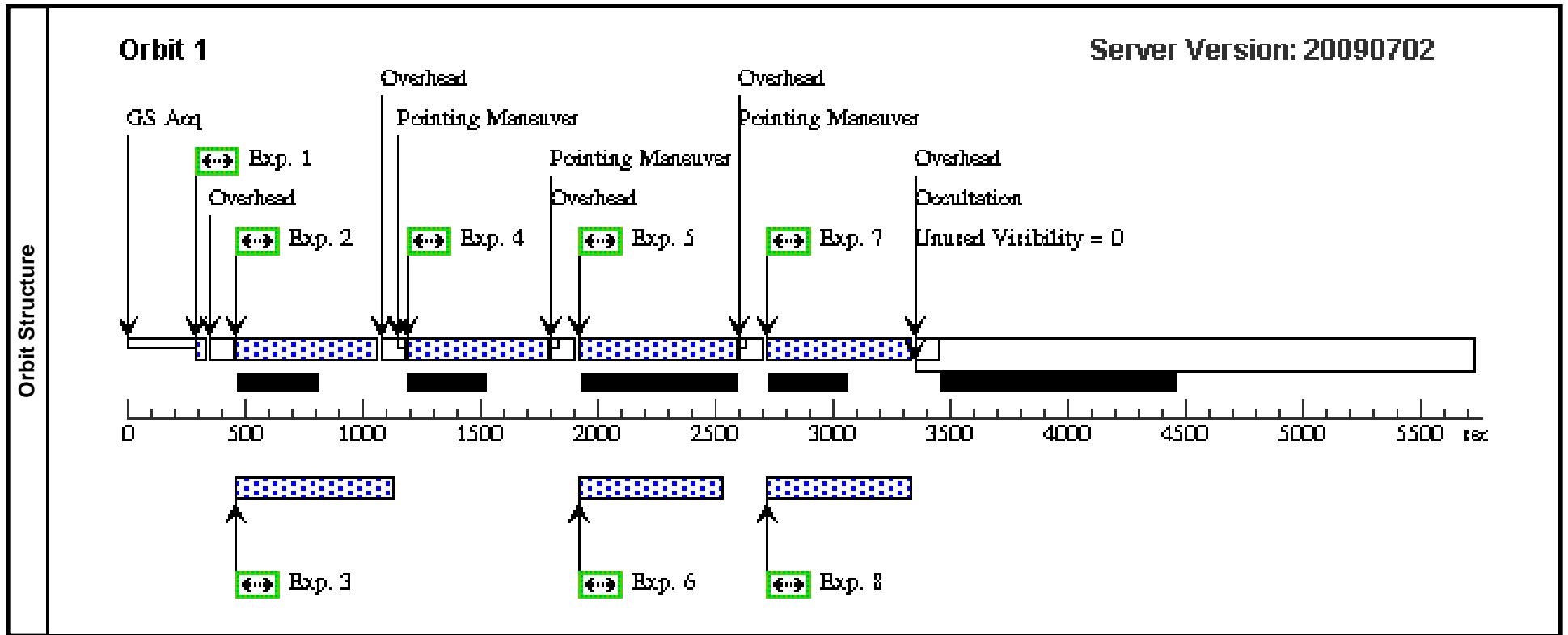
Visit	Proposal 11688, Visit 08, scheduling Diagnostic Status: Warning Scientific Instruments: ACS/WFC, WFC3/UVIS Special Requirements: SAME ORIENT AS 01; BEFORE 30-OCT-2009:23:59:59									
	Diagnostics	(Visit 08) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 08) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 08) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 08) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE								
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	NGC-6819	RA: 19 41 18.1000 (295.3254167d) Dec: +40 11 12.00 (40.18667d) Equinox: J2000		V=25+/-2	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG -120,40		10 Secs [==>]	[1]
	2		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG -120,40	Prime + Parallel Group 2-3	600 Secs [==>]	[1]
	3		(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 2-3	466 Secs [==>]	[1]
	4		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG -100,80		600 Secs [==>]	[1]
	5		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG -80,60	Prime + Parallel Group 5-6	670 Secs [==>]	[1]
	6		(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 5-6	490 Secs [==>]	[1]
	7		(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG -60,100	Prime + Parallel Group 7-8	616 Secs [==>]	[1]
	8		(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 7-8	490 Secs [==>]	[1]



Proposal 11688 - Visit A6 - Exploring the Bottom End of the White Dwarf Cooling Sequence in the Open Cluster NGC6819

Fri Oct 23 01:09:53 GMT 2009

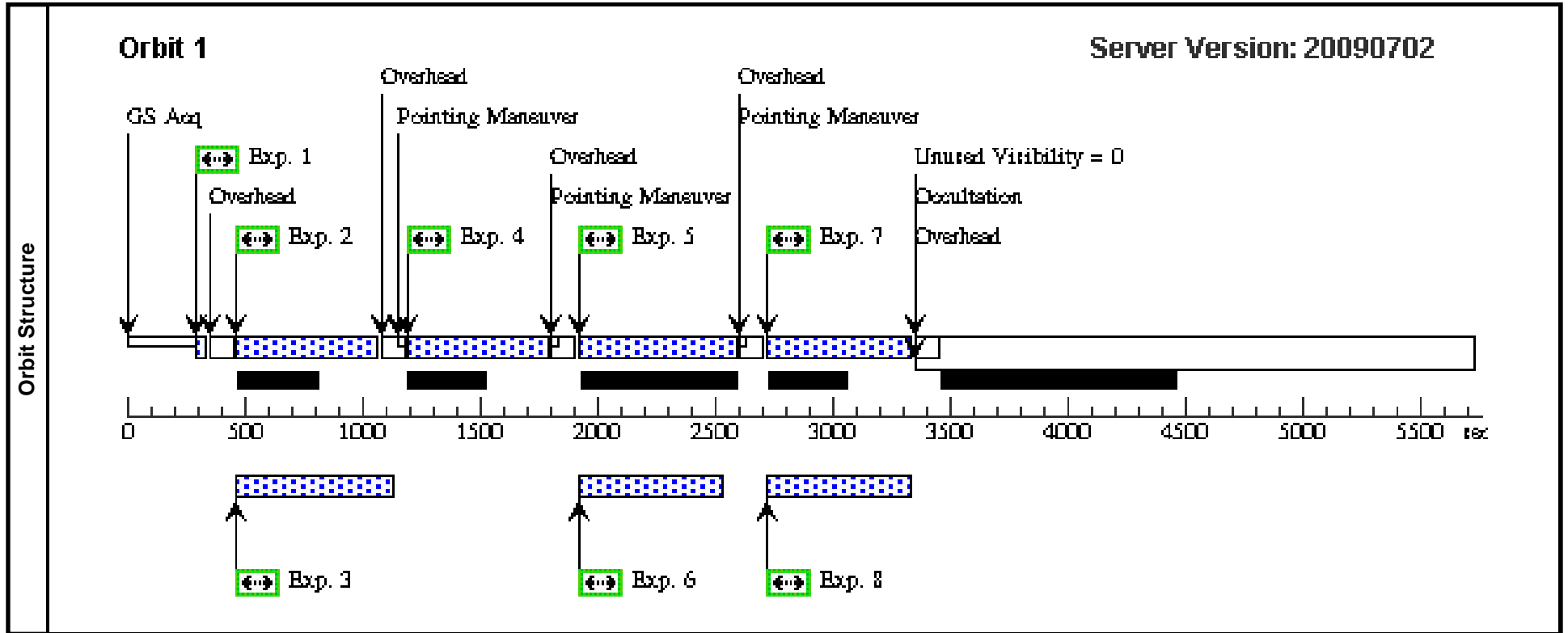
Visit	Proposal 11688, Visit A6 Diagnostic Status: Warning Scientific Instruments: ACS/WFC, WFC3/UVIS Special Requirements: SAME ORIENT AS 01; BEFORE 30-OCT-2009:23:59:59									
	(Visit A6) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	NGC-6819	RA: 19 41 18.1000 (295.3254167d) Dec: +40 11 12.00 (40.18667d) Equinox: J2000		V=25+/-2	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG 40,40		10 Secs [==>]	[1]
	2	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG 40,40	Prime + Parallel Group 2-3	600 Secs [==>]	[1]
	3	(1) NGC-6819	(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 2-3	466 Secs [==>]	[1]
	4	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG 60,80		600 Secs [==>]	[1]
	5	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG 80,60	Prime + Parallel Group 5-6	670 Secs [==>]	[1]
	6	(1) NGC-6819	(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 5-6	490 Secs [==>]	[1]
	7	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG 100,100	Prime + Parallel Group 7-8	616 Secs [==>]	[1]
	8	(1) NGC-6819	(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 7-8	490 Secs [==>]	[1]



Proposal 11688 - Visit A7 - Exploring the Bottom End of the White Dwarf Cooling Sequence in the Open Cluster NGC6819

Fri Oct 23 01:09:53 GMT 2009

Visit	Proposal 11688, Visit A7 Diagnostic Status: Warning Scientific Instruments: ACS/WFC, WFC3/UVIS Special Requirements: SAME ORIENT AS 01; BEFORE 30-OCT-2009:23:59:59									
	Diagnostics	(Visit A7) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE								
(Visit A7) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE										
(Visit A7) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE										
(Visit A7) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	NGC-6819	RA: 19 41 18.1000 (295.3254167d) Dec: +40 11 12.00 (40.18667d) Equinox: J2000		V=25+/-2	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG 40,-120		10 Secs	
									[==>]	[1]
	2	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG 40,-120	Prime + Parallel Group 2-3	600 Secs	
									[==>]	[1]
	3	(1) NGC-6819	(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO;		Prime + Parallel Group 2-3	466 Secs	
						GAIN=2.0			[==>]	[1]
	4	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG 60,-80		600 Secs	
									[==>]	[1]
5	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG 80,-100	Prime + Parallel Group 5-6	670 Secs		
								[==>]	[1]	
6	(1) NGC-6819	(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO;		Prime + Parallel Group 5-6	490 Secs		
					GAIN=2.0			[==>]	[1]	
7	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG 100,-60	Prime + Parallel Group 7-8	616 Secs		
								[==>]	[1]	
8	(1) NGC-6819	(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO;		Prime + Parallel Group 7-8	490 Secs		
					GAIN=2.0			[==>]	[1]	



Proposal 11688 - Visit A8 - Exploring the Bottom End of the White Dwarf Cooling Sequence in the Open Cluster NGC6819

Fri Oct 23 01:09:54 GMT 2009

Visit	Proposal 11688, Visit A8 Diagnostic Status: Warning Scientific Instruments: ACS/WFC, WFC3/UVIS Special Requirements: SAME ORIENT AS 01; BEFORE 30-OCT-2009:23:59:59									
	Diagnostics	(Visit A8) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit A8) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit A8) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit A8) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE								
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	NGC-6819	RA: 19 41 18.1000 (295.3254167d) Dec: +40 11 12.00 (40.18667d) Equinox: J2000		V=25+/-2	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG -120,40		10 Secs [==>]	[1]
	2	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG -120,40	Prime + Parallel Group 2-3	600 Secs [==>]	[1]
	3	(1) NGC-6819	(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 2-3	466 Secs [==>]	[1]
	4	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG -100,80		600 Secs [==>]	[1]
	5	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG -80,60	Prime + Parallel Group 5-6	670 Secs [==>]	[1]
	6	(1) NGC-6819	(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 5-6	490 Secs [==>]	[1]
	7	(1) NGC-6819	(1) NGC-6819	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO	POS TARG -60,100	Prime + Parallel Group 7-8	616 Secs [==>]	[1]
	8	(1) NGC-6819	(1) NGC-6819	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2.0		Prime + Parallel Group 7-8	490 Secs [==>]	[1]

