



11361 - Hubble Heritage Observations of Mars at 2007 Opposition

Cycle: 16, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Dr. Keith S. Noll (PI)	Space Telescope Science Institute	noll@stsci.edu
Dr. James F. Bell III (CoI)	Cornell University	jfb8@cornell.edu
Dr. Howard E. Bond (CoI)	Space Telescope Science Institute	bond@stsci.edu
Dr. Carol Christian (CoI)	Space Telescope Science Institute	carolc@stsci.edu
Dr. Lisa Frattare (CoI) (Contact)	Space Telescope Science Institute	frattare@stsci.edu
Dr. Forrest Hamilton (CoI)	Computer Sciences Corporation	HAMILTON@STSCI.EDU
Dr. Zolt Levay (CoI)	Space Telescope Science Institute	levay@stsci.edu
Dr. Max Mutchler (CoI)	Space Telescope Science Institute	mutchler@stsci.edu
Dr. Michael J. Wolff (CoI)	Space Science Institute	wolff@colorado.edu
Mr. William Januszewski (CoI)	Space Telescope Science Institute	williamj@stsci.edu

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) MARS-CML1	WFPC2	1	26-Nov-2007 21:21:59.0	yes
02	(2) MARS-CML2	WFPC2	1	26-Nov-2007 21:22:05.0	yes
03	(3) MARS-CML3	WFPC2	1	26-Nov-2007 21:22:10.0	yes
04	(4) MARS-CML4	WFPC2	1	26-Nov-2007 21:22:15.0	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	(5) MARS	WFPC2	1	26-Nov-2007 21:22:19.0	yes

5 Total Orbits Used

ABSTRACT

We will obtain images of Mars at opposition in December 2007.

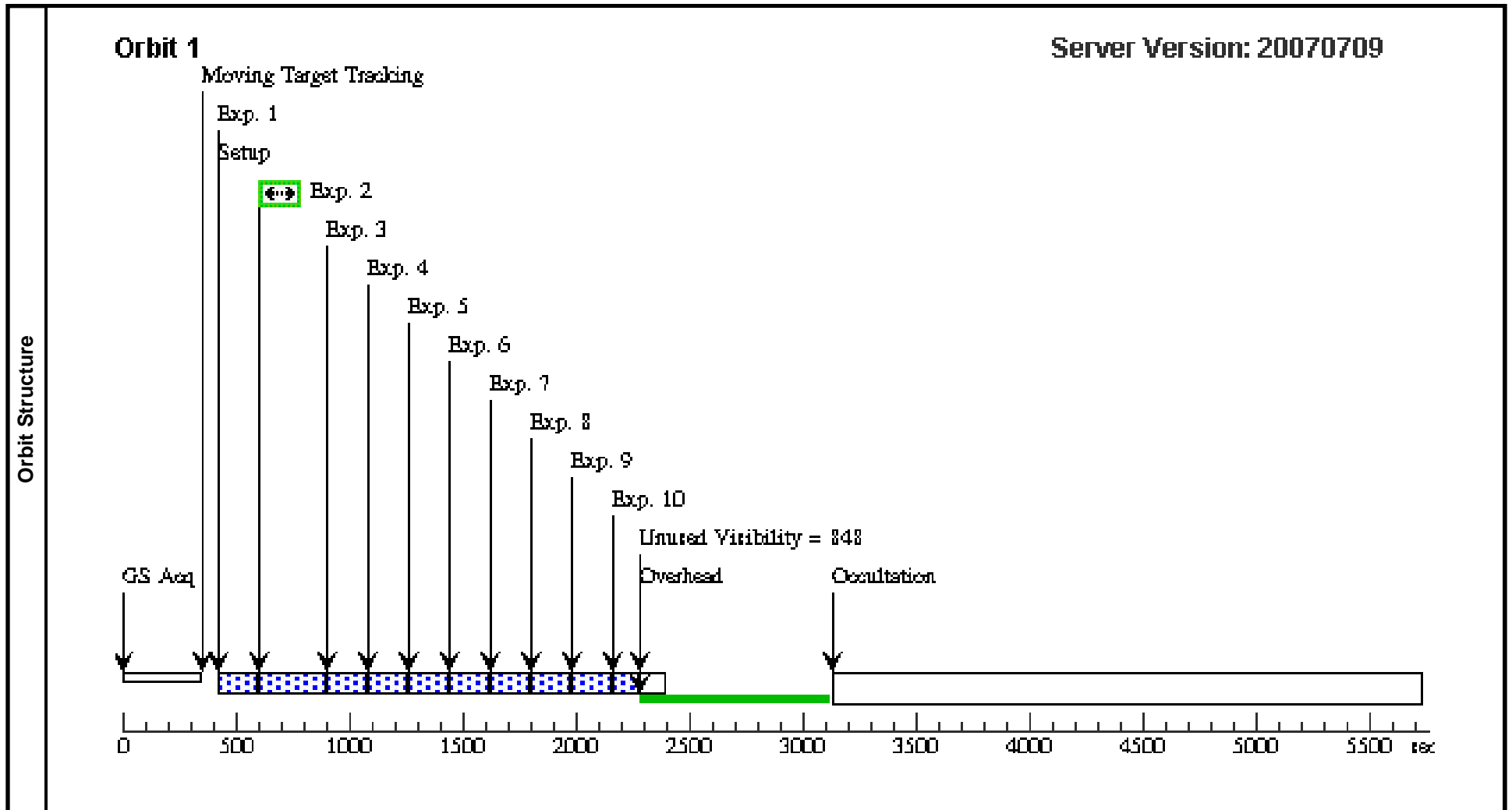
OBSERVING DESCRIPTION

WFPC2 images in nine filters

Proposal 11361 - Visit 01 - Hubble Heritage Observations of Mars at 2007 Opposition

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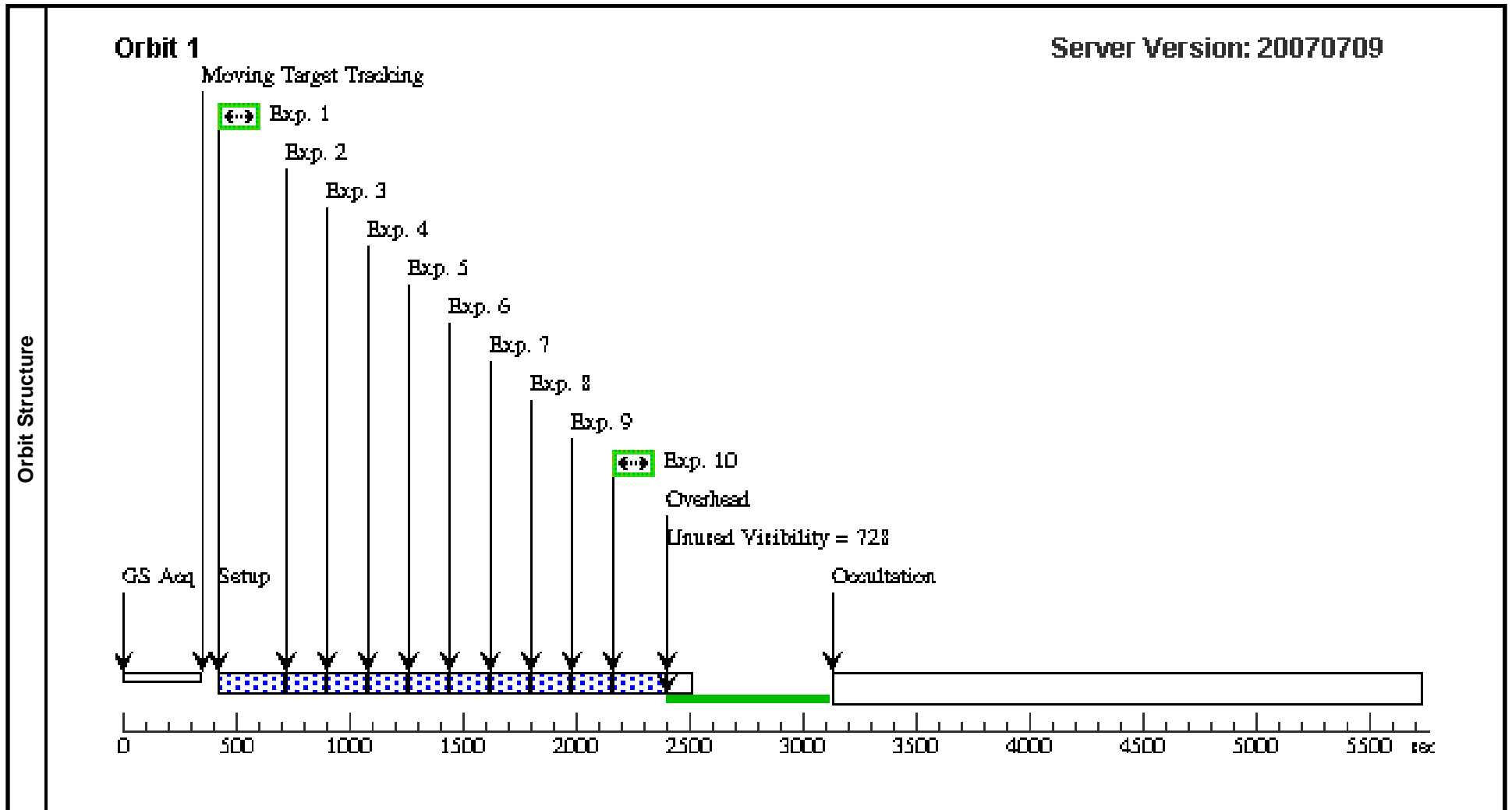
Visit	Proposal 11361, Visit 01, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)									
	Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window			
	(1)	MARS-CML1	STD=MARS				CML OF MARS-CML1 FROM EARTH BETWEEN 38.0 60.0			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	F336W	(1) MARS-CML1	WFPC2, IMAGE, PC1-FIX	F336W				1.2 Secs [==>]	[1]
	2	F255W	(1) MARS-CML1	WFPC2, IMAGE, PC1-FIX	F255W				120.0 Secs [==>]	[1]
	3	F410M	(1) MARS-CML1	WFPC2, IMAGE, PC1-FIX	F410M				1.2 Secs [==>]	[1]
	4	F502N	(1) MARS-CML1	WFPC2, IMAGE, PC1-FIX	F502N				1.8 Secs [==>]	[1]
	5	F673N	(1) MARS-CML1	WFPC2, IMAGE, PC1-FIX	F673N				0.4 Secs [==>]	[1]
	6	F953N	(1) MARS-CML1	WFPC2, IMAGE, PC1-FIX	F953N				3.0 Secs [==>]	[1]
	7	F1042M	(1) MARS-CML1	WFPC2, IMAGE, PC1-FIX	F1042M				2.0 Secs [==>]	[1]
	8	F631N	(1) MARS-CML1	WFPC2, IMAGE, PC1-FIX	F631N				0.5 Secs [==>]	[1]
	9	F588N	(1) MARS-CML1	WFPC2, IMAGE, PC1-FIX	F588N				0.3 Secs [==>]	[1]
	10	F336W	(1) MARS-CML1	WFPC2, IMAGE, PC1-FIX	F336W				1.2 Secs [==>]	[1]



Proposal 11361 - Visit 02 - Hubble Heritage Observations of Mars at 2007 Opposition

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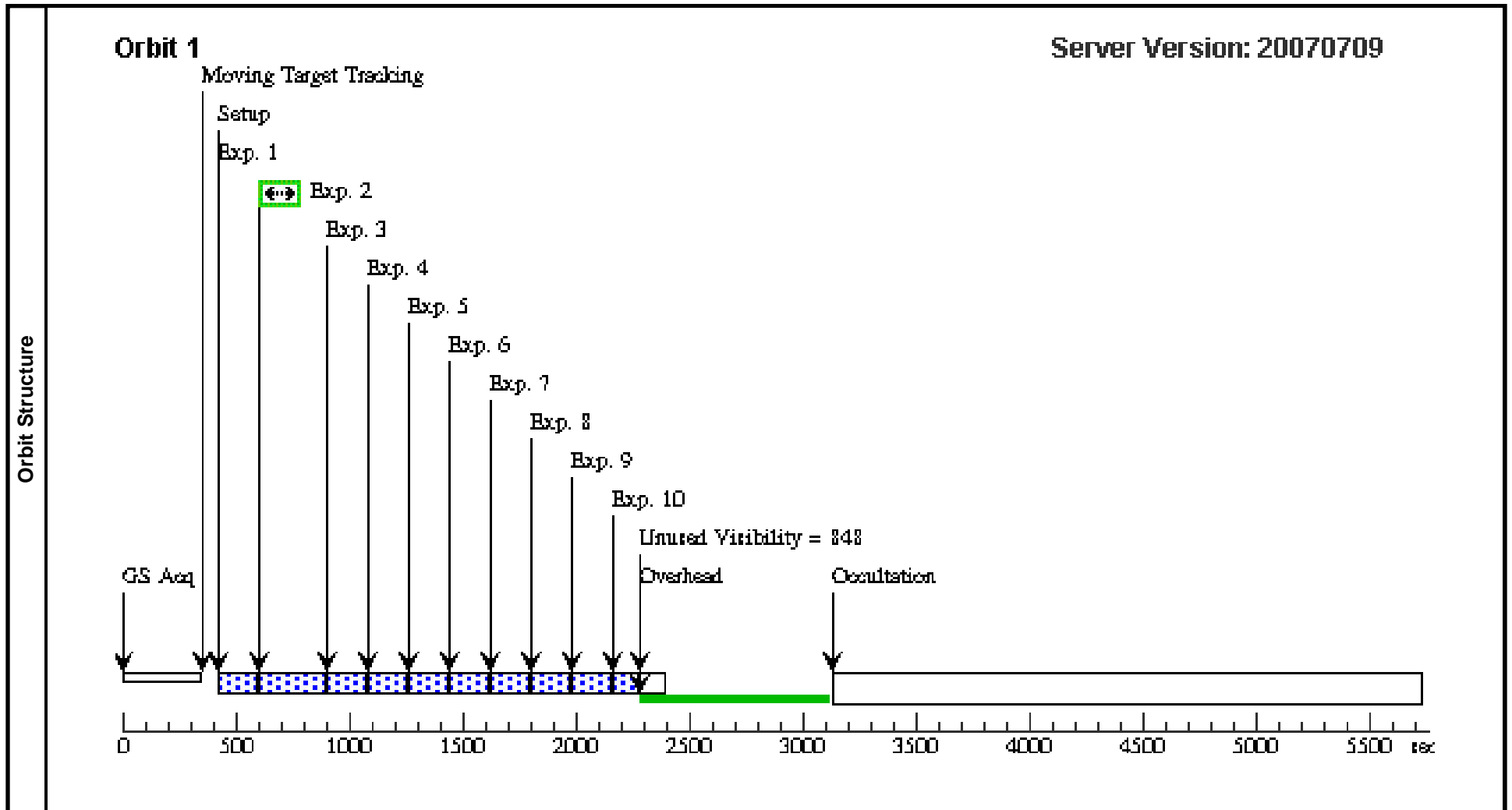
Visit	Proposal 11361, Visit 02, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)									
	Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window			
	(2)	MARS-CML2	STD=MARS				CML OF MARS-CML2 FROM EARTH BETWEEN 130.0 150.0			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	F255W	(2) MARS-CML2	WFPC2, IMAGE, PC1-FIX	F255W				120.0 Secs [==>]	[1]
	2	F410M	(2) MARS-CML2	WFPC2, IMAGE, PC1-FIX	F410M				1.2 Secs [==>]	[1]
	3	F502N	(2) MARS-CML2	WFPC2, IMAGE, PC1-FIX	F502N				1.8 Secs [==>]	[1]
	4	F673N	(2) MARS-CML2	WFPC2, IMAGE, PC1-FIX	F673N				0.4 Secs [==>]	[1]
	5	F953N	(2) MARS-CML2	WFPC2, IMAGE, PC1-FIX	F953N				3.0 Secs [==>]	[1]
	6	F1042M	(2) MARS-CML2	WFPC2, IMAGE, PC1-FIX	F1042M				2.0 Secs [==>]	[1]
	7	F631N	(2) MARS-CML2	WFPC2, IMAGE, PC1-FIX	F631N				0.5 Secs [==>]	[1]
	8	F588N	(2) MARS-CML2	WFPC2, IMAGE, PC1-FIX	F588N				0.3 Secs [==>]	[1]
	9	F410M	(2) MARS-CML2	WFPC2, IMAGE, PC1-FIX	F410M				1.2 Secs [==>]	[1]
	10	F255W	(2) MARS-CML2	WFPC2, IMAGE, PC1-FIX	F255W				120.0 Secs [==>]	[1]



Proposal 11361 - Visit 03 - Hubble Heritage Observations of Mars at 2007 Opposition

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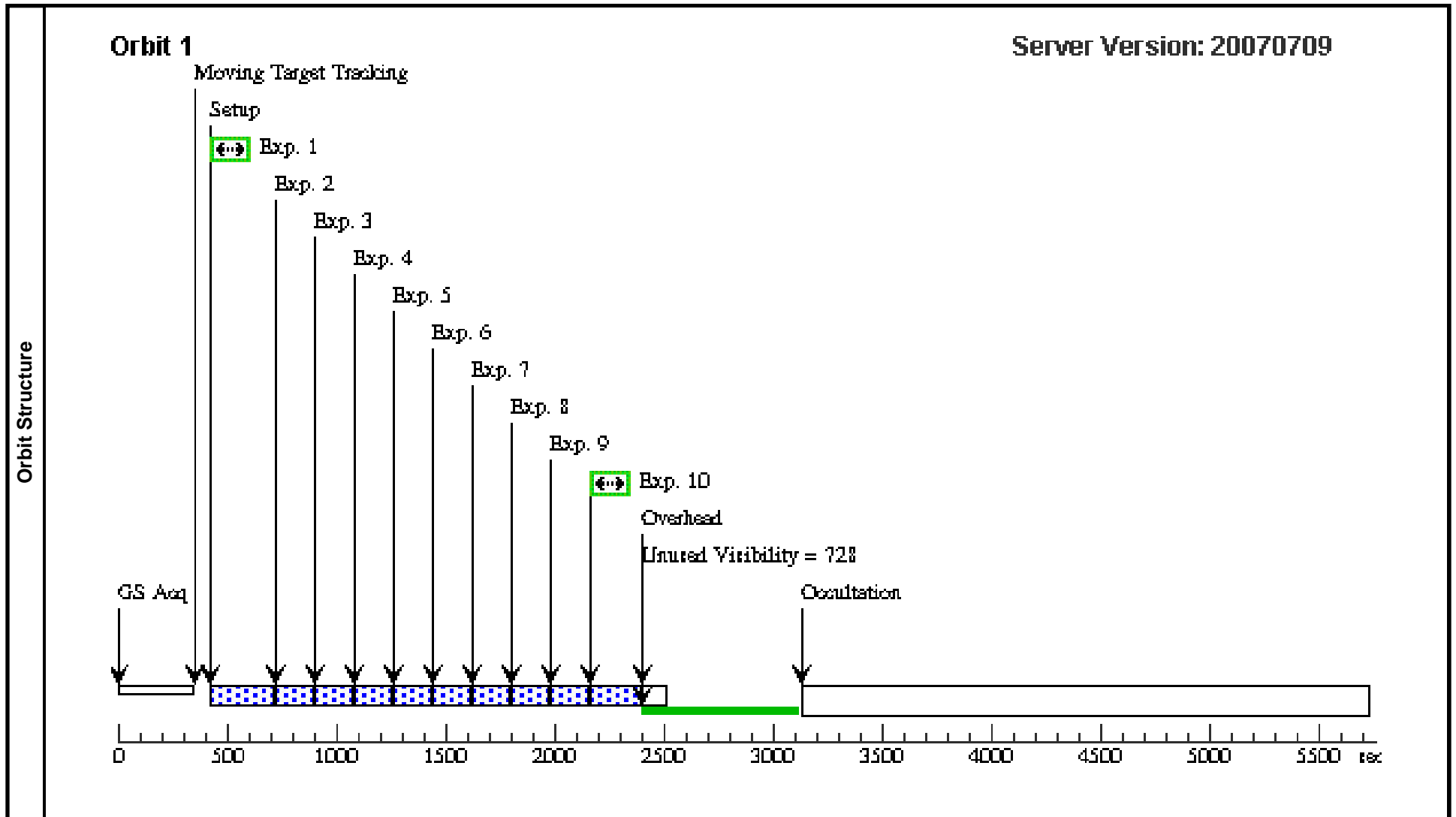
Visit	Proposal 11361, Visit 03, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)									
	Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window			
	(3)	MARS-CML3	STD=MARS				CML OF MARS-CML3 FROM EARTH BETWEEN 220.0 240.0			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	F336W	(3) MARS-CML3	WFPC2, IMAGE, PC1-FIX	F336W				1.2 Secs [==>]	[1]
	2	F255W	(3) MARS-CML3	WFPC2, IMAGE, PC1-FIX	F255W				120.0 Secs [==>]	[1]
	3	F410M	(3) MARS-CML3	WFPC2, IMAGE, PC1-FIX	F410M				1.2 Secs [==>]	[1]
	4	F502N	(3) MARS-CML3	WFPC2, IMAGE, PC1-FIX	F502N				1.8 Secs [==>]	[1]
	5	F673N	(3) MARS-CML3	WFPC2, IMAGE, PC1-FIX	F673N				0.4 Secs [==>]	[1]
	6	F953N	(3) MARS-CML3	WFPC2, IMAGE, PC1-FIX	F953N				3.0 Secs [==>]	[1]
	7	F1042M	(3) MARS-CML3	WFPC2, IMAGE, PC1-FIX	F1042M				2.0 Secs [==>]	[1]
	8	F631N	(3) MARS-CML3	WFPC2, IMAGE, PC1-FIX	F631N				0.5 Secs [==>]	[1]
	9	F588N	(3) MARS-CML3	WFPC2, IMAGE, PC1-FIX	F588N				0.3 Secs [==>]	[1]
	10	F336W	(3) MARS-CML3	WFPC2, IMAGE, PC1-FIX	F336W				1.2 Secs [==>]	[1]



Proposal 11361 - Visit 04 - Hubble Heritage Observations of Mars at 2007 Opposition

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Visit	Proposal 11361, Visit 04, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)									
	Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window			
	(4)	MARS-CML4	STD=MARS				CML OF MARS-CML4 FROM EARTH BETWEEN 310.0 330.0			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	F255W	(4) MARS-CML4	WFPC2, IMAGE, PC1-FIX	F255W				120.0 Secs [==>]	[1]
	2	F410M	(4) MARS-CML4	WFPC2, IMAGE, PC1-FIX	F410M				1.2 Secs [==>]	[1]
	3	F502N	(4) MARS-CML4	WFPC2, IMAGE, PC1-FIX	F502N				1.8 Secs [==>]	[1]
	4	F673N	(4) MARS-CML4	WFPC2, IMAGE, PC1-FIX	F673N				0.4 Secs [==>]	[1]
	5	F953N	(4) MARS-CML4	WFPC2, IMAGE, PC1-FIX	F953N				3.0 Secs [==>]	[1]
	6	F1042M	(4) MARS-CML4	WFPC2, IMAGE, PC1-FIX	F1042M				2.0 Secs [==>]	[1]
	7	F631N	(4) MARS-CML4	WFPC2, IMAGE, PC1-FIX	F631N				0.5 Secs [==>]	[1]
	8	F588N	(4) MARS-CML4	WFPC2, IMAGE, PC1-FIX	F588N				0.3 Secs [==>]	[1]
	9	F410M	(4) MARS-CML4	WFPC2, IMAGE, PC1-FIX	F410M				1.2 Secs [==>]	[1]
	10	F255W	(4) MARS-CML4	WFPC2, IMAGE, PC1-FIX	F255W				120.0 Secs [==>]	[1]



Proposal 11361 - Visit 05 - Hubble Heritage Observations of Mars at 2007 Opposition

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Visit	Proposal 11361, Visit 05, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)									
	Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window			
	(5)	MARS	STD=MARS				CML OF MARS FROM EARTH BETWEEN 310.0 330.0			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	F336W	(5) MARS	WFPC2, IMAGE, PC1-FIX	F336W				1.2 Secs [==>]	[1]
	2	F255W	(5) MARS	WFPC2, IMAGE, PC1-FIX	F255W				120.0 Secs [==>]	[1]
	3	F410M	(5) MARS	WFPC2, IMAGE, PC1-FIX	F410M				1.2 Secs [==>]	[1]
	4	F502N	(5) MARS	WFPC2, IMAGE, PC1-FIX	F502N				1.8 Secs [==>]	[1]
	5	F673N	(5) MARS	WFPC2, IMAGE, PC1-FIX	F673N				0.4 Secs [==>]	[1]
	6	F953N	(5) MARS	WFPC2, IMAGE, PC1-FIX	F953N				3.0 Secs [==>]	[1]
	7	F1042M	(5) MARS	WFPC2, IMAGE, PC1-FIX	F1042M				2.0 Secs [==>]	[1]
	8	F631N	(5) MARS	WFPC2, IMAGE, PC1-FIX	F631N				0.5 Secs [==>]	[1]
	9	F588N	(5) MARS	WFPC2, IMAGE, PC1-FIX	F588N				0.3 Secs [==>]	[1]
	10	F336W	(5) MARS	WFPC2, IMAGE, PC1-FIX	F336W				1.2 Secs [==>]	[1]

