



## 10786 - Rotational state and composition of Pluto's outer satellites

Cycle: 15, Proposal Category: GO

(Availability Mode: AVAILABLE)

### INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
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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) PLUTO-SYSTEM	WFPC2	1	02-Mar-2007 21:01:28.0	yes
02	(1) PLUTO-SYSTEM	WFPC2	1	02-Mar-2007 21:01:37.0	yes
03	(1) PLUTO-SYSTEM	WFPC2	1	02-Mar-2007 21:01:44.0	yes
04	(1) PLUTO-SYSTEM	WFPC2	1	02-Mar-2007 21:01:51.0	yes
05	(1) PLUTO-SYSTEM	WFPC2	1	02-Mar-2007 21:01:58.0	yes
06	(1) PLUTO-SYSTEM	WFPC2	1	02-Mar-2007 21:02:04.0	yes
07	(1) PLUTO-SYSTEM	WFPC2	1	02-Mar-2007 21:02:10.0	yes
08	(1) PLUTO-SYSTEM	WFPC2	1	02-Mar-2007 21:02:20.0	yes
09	(1) PLUTO-SYSTEM	WFPC2	1	02-Mar-2007 21:02:25.0	yes
10	(1) PLUTO-SYSTEM	WFPC2	1	02-Mar-2007 21:02:31.0	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>
11	(1) PLUTO-SYSTEM	WFPC2	1	02-Mar-2007 21:02:37.0	yes
12	(1) PLUTO-SYSTEM	WFPC2	1	02-Mar-2007 21:02:43.0	yes
13	(1) PLUTO-SYSTEM	WFPC2	1	02-Mar-2007 21:02:48.0	yes
14	(1) PLUTO-SYSTEM	WFPC2	1	02-Mar-2007 21:02:54.0	yes
15	(1) PLUTO-SYSTEM	NIC2	1	02-Mar-2007 21:02:59.0	yes
16	(1) PLUTO-SYSTEM	NIC2	1	02-Mar-2007 21:03:03.0	yes
17	(1) PLUTO-SYSTEM	WFPC2	2	02-Mar-2007 21:03:06.0	yes
18	(1) PLUTO-SYSTEM	WFPC2	1	02-Mar-2007 21:03:11.0	yes
19	(1) PLUTO-SYSTEM	WFPC2	1	02-Mar-2007 21:03:16.0	yes

20 Total Orbits Used

### **ABSTRACT**

We propose an intricate set of observations aimed at discovering the rotational state of the newly discovered satellites of Pluto, S/2005 P1 and S/2005 P2. These observations will indicate if the satellites are in synchronous rotation or not. If they are not, then the observations will determine the rotational period or provide tight constraints on the amplitude. The other primary goal is to extend the wavelength coverage of the colors of the surface and allow us to constrain the surface compositions of both objects. From these data we will also be able to significantly improve the orbits of P1 and P2, improve the measurement of the bulk density of Charon, and search for albedo changes on the surface of Pluto.

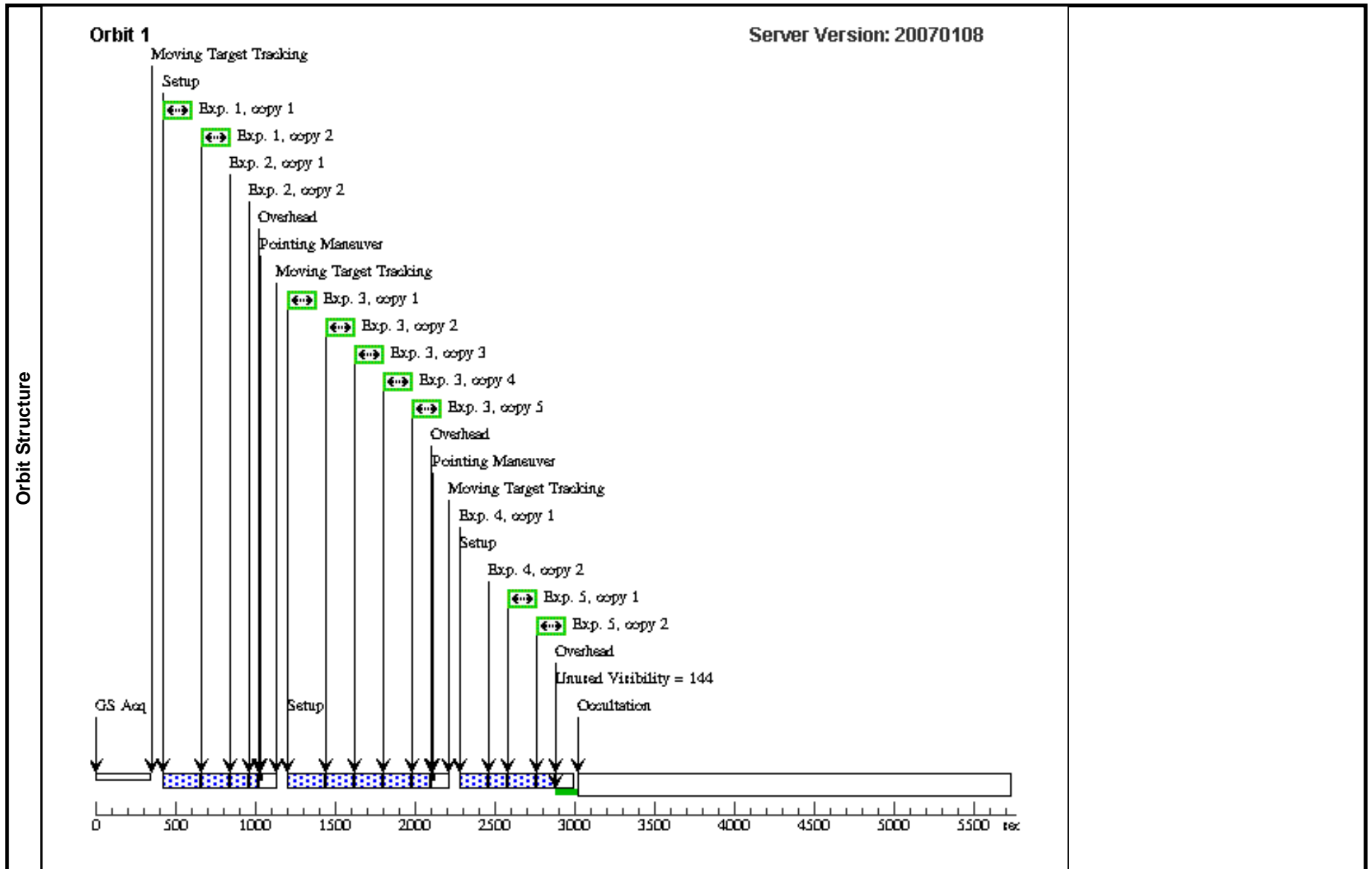
**OBSERVING DESCRIPTION**

Astrometry and photometry of Pluto's satellite system.

Proposal 10786 - Visit 01 - Rotational state and composition of Pluto's outer satellites

Sat Mar 03 02:03:19 GMT 2007

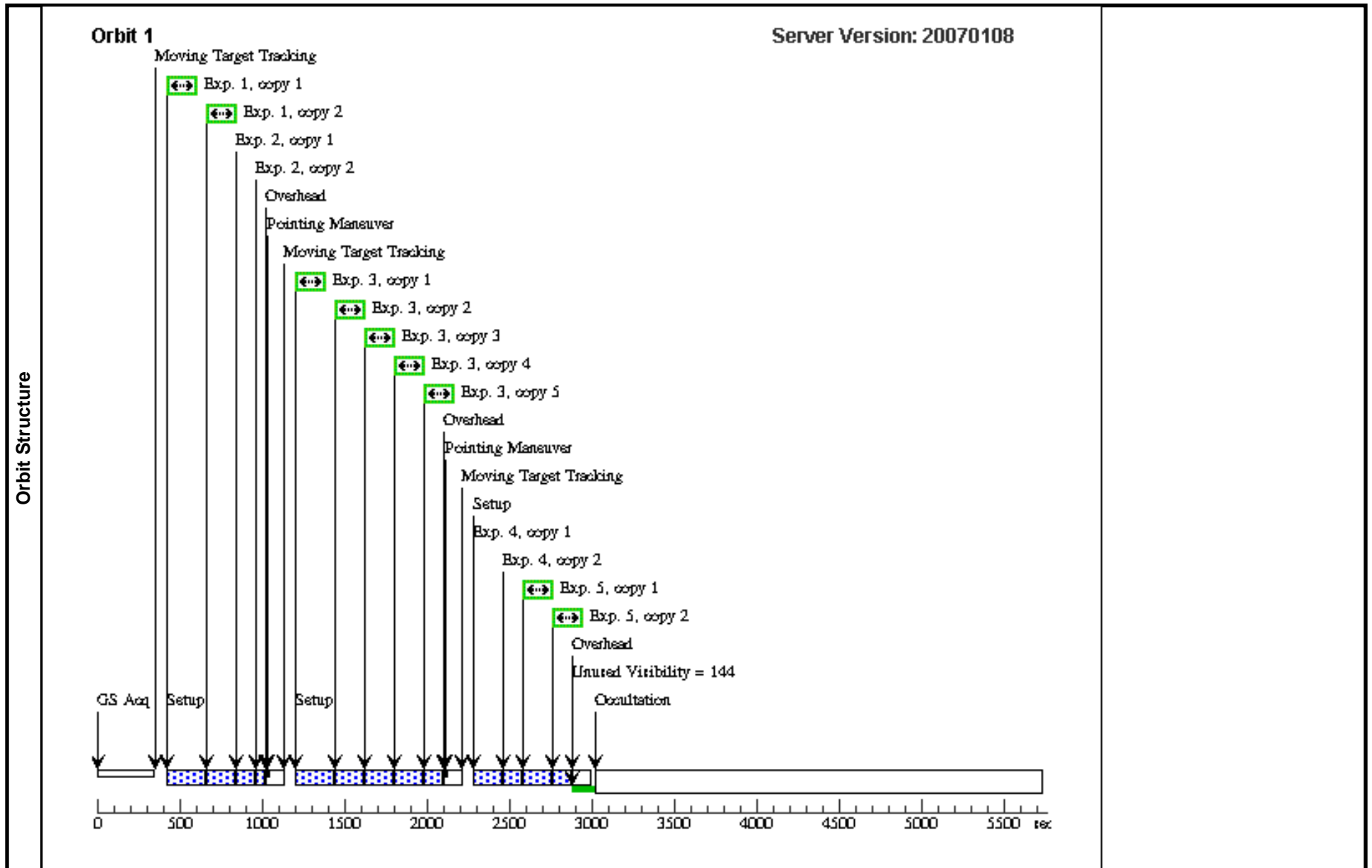
<b>Visit</b>	<p><b>Proposal 10786, Visit 01, implementation</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFPC2</p> <p>Special Requirements: SCHED 100%; AFTER 15 BY 0 Orbits TO 2 Orbits</p> <p><i>Comments: Core visit 1</i></p> <p><i>The 11 core visits (visits 1-11) need to be executed in a sequence which takes about 70 days to complete. They are all linked with timing constraints to visit 1, rather than to the preceding visit for 2 reasons: (1) we want the sampling to be close to uniform, and (2) if one visit fails, we don't want to create an ambiguous situation for the subsequent visits. Differences in orbit visibility are compensated for by adjusting the number of exposures in the middle set of images.</i></p>																				
	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Level 1</th> <th>Level 2</th> <th>Level 3</th> <th>Window</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>PLUTO-SYSTEM</td> <td>STD=PLUTO</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										#	Name	Level 1	Level 2	Level 3	Window	(1)	PLUTO-SYSTEM	STD=PLUTO		
#	Name	Level 1	Level 2	Level 3	Window																
(1)	PLUTO-SYSTEM	STD=PLUTO																			
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit											
	1	long set 1	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO			100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]											
	2	short set 1	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 1		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]											
	3	long set 2	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG 1.519,1.534		100.0 Secs X 5 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)]	[1]											
	4	short set 2	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG -1.534,-1.519		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]											
	5	long set 3	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 4		100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]											



Proposal 10786 - Visit 02 - Rotational state and composition of Pluto's outer satellites

Sat Mar 03 02:03:20 GMT 2007

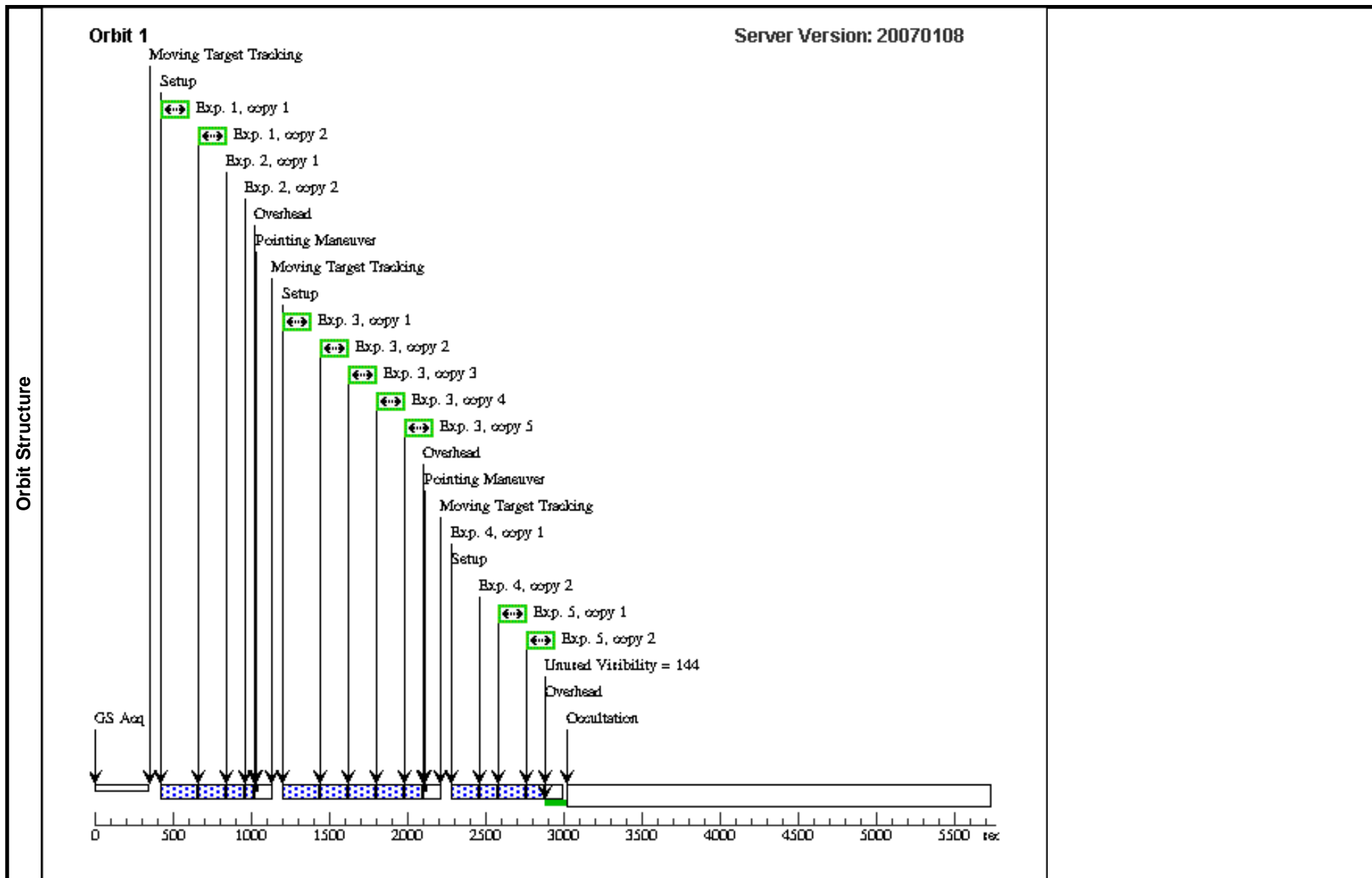
<b>Visit</b>	<p><b>Proposal 10786, Visit 02, implementation</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFPC2</p> <p>Special Requirements: SCHED 100%; AFTER 01 BY 6.7178879 D TO 7.2178879 D</p> <p><i>Comments: Core visit 1</i></p> <p><i>The 11 core visits (visits 1-11) need to be executed in a sequence which takes about 70 days to complete. They are all linked with timing constraints to visit 1, rather than to the preceding visit for 2 reasons: (1) we want the sampling to be close to uniform, and (2) if one visit fails, we don't want to create an ambiguous situation for the subsequent visits. Differences in orbit visibility are compensated for by adjusting the number of exposures in the middle set of images.</i></p>																				
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#	Name	Level 1	Level 2	Level 3	Window																
(1)	PLUTO-SYSTEM	STD=PLUTO																			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>											
	1	long set 1	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO			100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]											
	2	short set 1	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 1		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]											
	3	long set 2	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG 1.519,1.534		100.0 Secs X 5 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)]	[1]											
	4	short set 2	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG -1.534,-1.519		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]											
	5	long set 3	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 4		100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]											



Proposal 10786 - Visit 03 - Rotational state and composition of Pluto's outer satellites

Sat Mar 03 02:03:22 GMT 2007

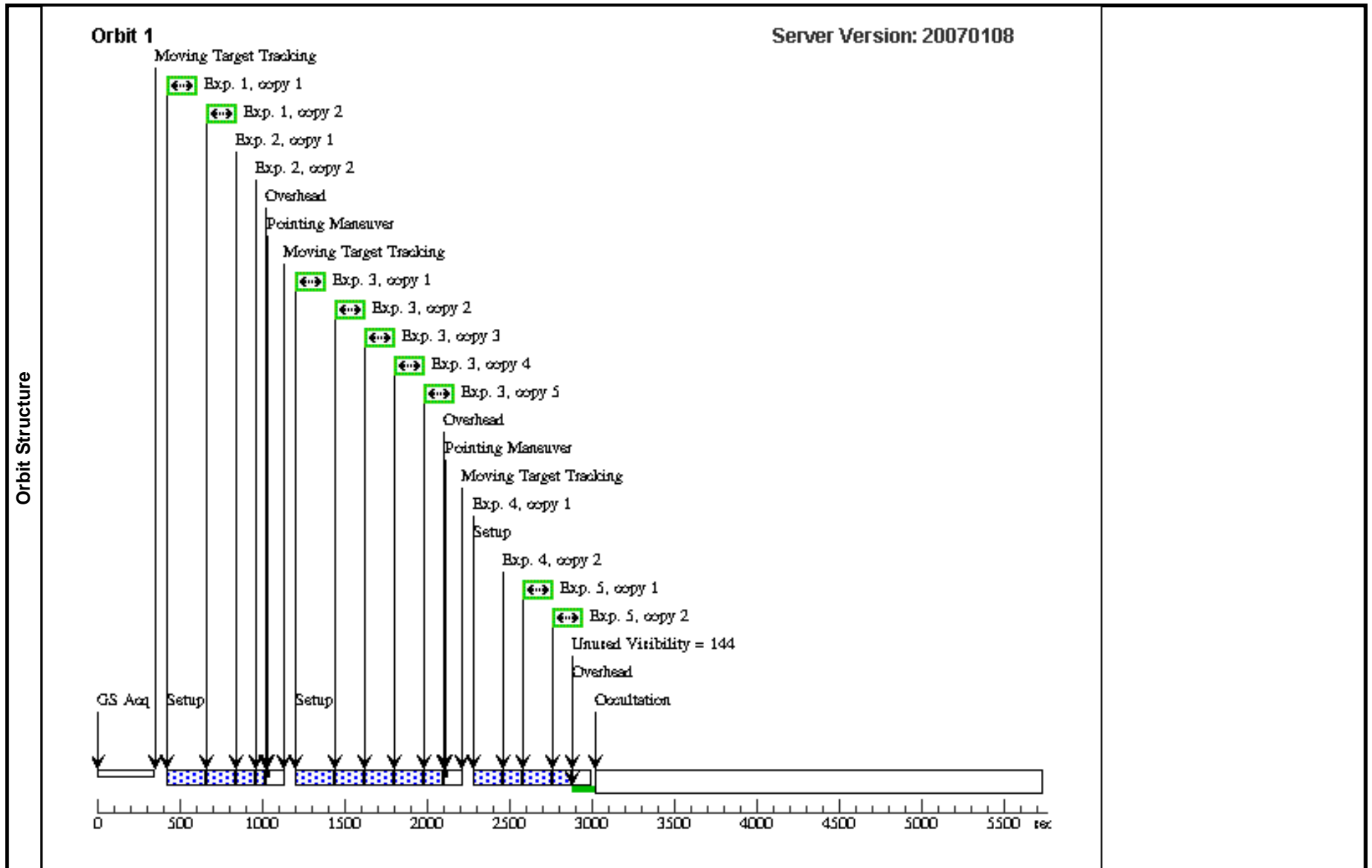
Visit	<b>Proposal 10786, Visit 03, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: SCHED 100%; AFTER 01 BY 13.685776 D TO 14.185776 D Comments: Core visit 1  The 11 core visits (visits 1-11) need to be executed in a sequence which takes about 70 days to complete. They are all linked with timing constraints to visit 1, rather than to the preceding visit for 2 reasons: (1) we want the sampling to be close to uniform, and (2) if one visit fails, we don't want to create an ambiguous situation for the subsequent visits. Differences in orbit visibility are compensated for by adjusting the number of exposures in the middle set of images.									
	Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window			
	(1)	PLUTO-SYSTEM	STD=PLUTO							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	long set 1	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO			100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	2	short set 1	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 1		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	3	long set 2	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG 1.519,1.534		100.0 Secs X 5 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)]	[1]
	4	short set 2	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG -1.534,-1.519		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	5	long set 3	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 4		100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]



Proposal 10786 - Visit 04 - Rotational state and composition of Pluto's outer satellites

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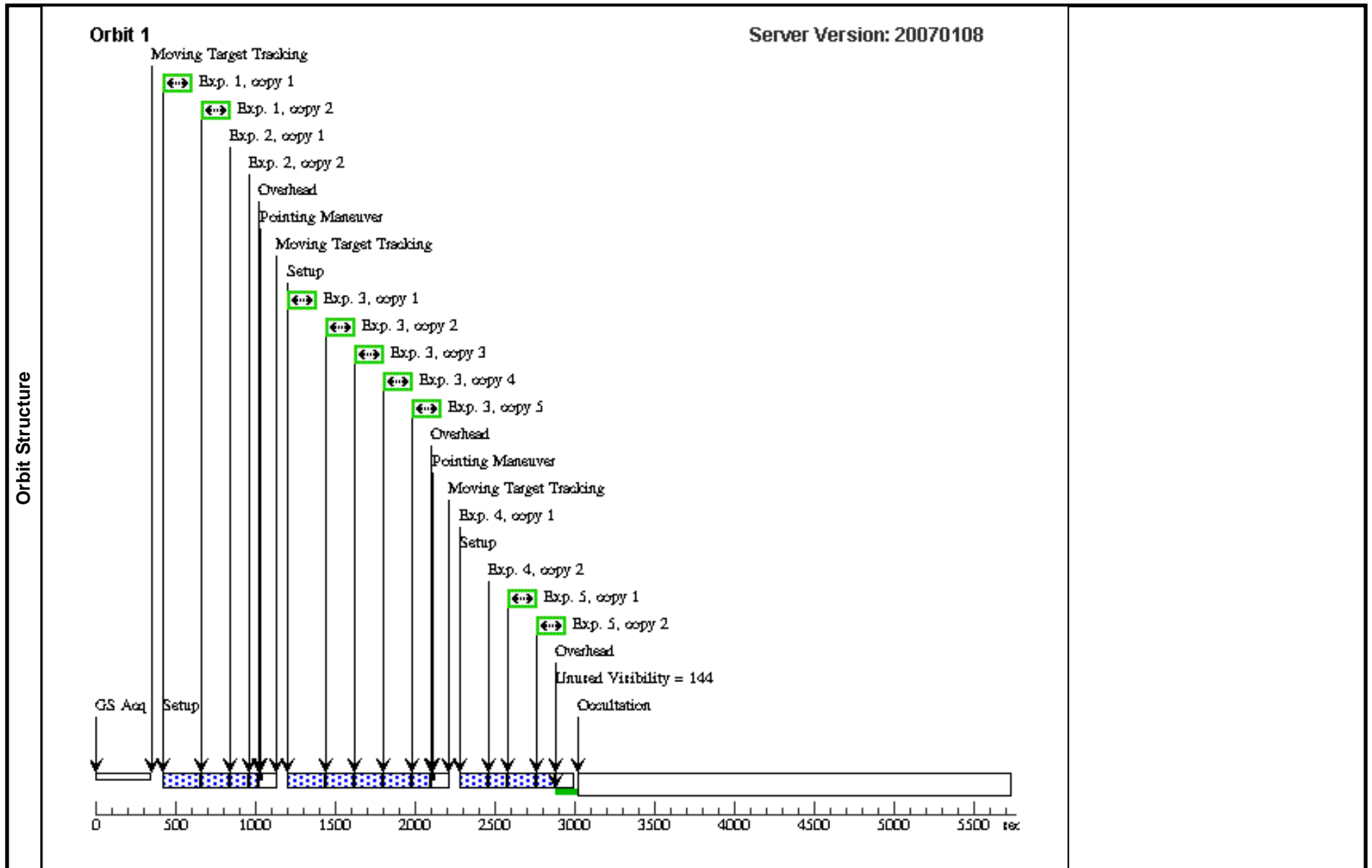
Visit	<b>Proposal 10786, Visit 04, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: SCHED 100%; AFTER 01 BY 20.653664 D TO 21.153664 D Comments: Core visit 1  The 11 core visits (visits 1-11) need to be executed in a sequence which takes about 70 days to complete. They are all linked with timing constraints to visit 1, rather than to the preceding visit for 2 reasons: (1) we want the sampling to be close to uniform, and (2) if one visit fails, we don't want to create an ambiguous situation for the subsequent visits. Differences in orbit visibility are compensated for by adjusting the number of exposures in the middle set of images.									
	Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window			
	(1)	PLUTO-SYSTEM	STD=PLUTO							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	long set 1	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO			100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	2	short set 1	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 1		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	3	long set 2	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG 1.519,1.534		100.0 Secs X 5 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)]	[1]
	4	short set 2	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG -1.534,-1.519		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	5	long set 3	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 4		100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]



Proposal 10786 - Visit 05 - Rotational state and composition of Pluto's outer satellites

Sat Mar 03 02:03:23 GMT 2007

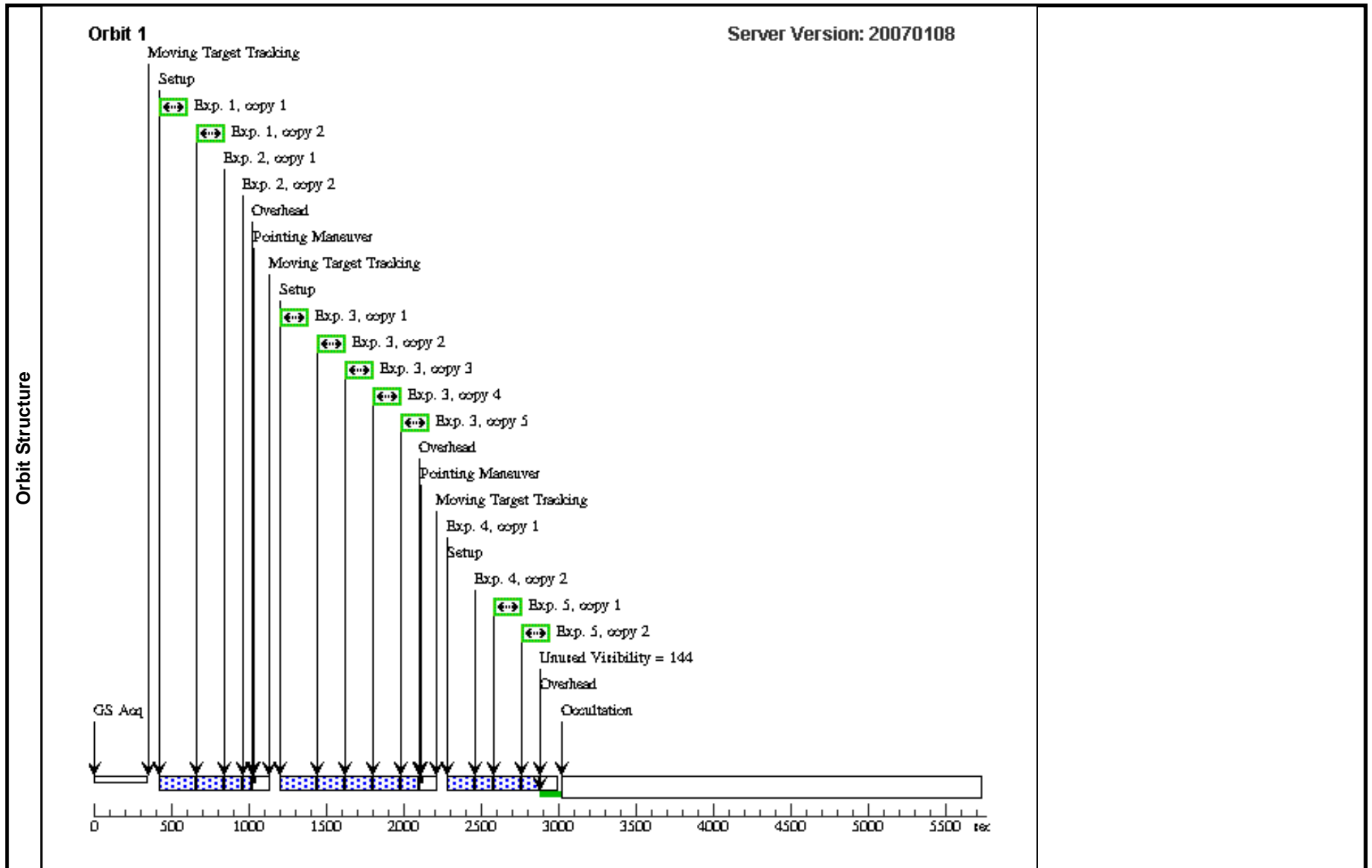
Visit	<b>Proposal 10786, Visit 05, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: SCHED 100%; AFTER 01 BY 27.621552 D TO 28.121552 D Comments: Core visit 1  The 11 core visits (visits 1-11) need to be executed in a sequence which takes about 70 days to complete. They are all linked with timing constraints to visit 1, rather than to the preceding visit for 2 reasons: (1) we want the sampling to be close to uniform, and (2) if one visit fails, we don't want to create an ambiguous situation for the subsequent visits. Differences in orbit visibility are compensated for by adjusting the number of exposures in the middle set of images.									
	Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window			
	(1)	PLUTO-SYSTEM	STD=PLUTO							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	long set 1	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO			100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	2	short set 1	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 1		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	3	long set 2	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG 1.519,1.534		100.0 Secs X 5 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)]	[1]
	4	short set 2	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG -1.534,-1.519		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	5	long set 3	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 4		100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]



Proposal 10786 - Visit 06 - Rotational state and composition of Pluto's outer satellites

Sat Mar 03 02:03:24 GMT 2007

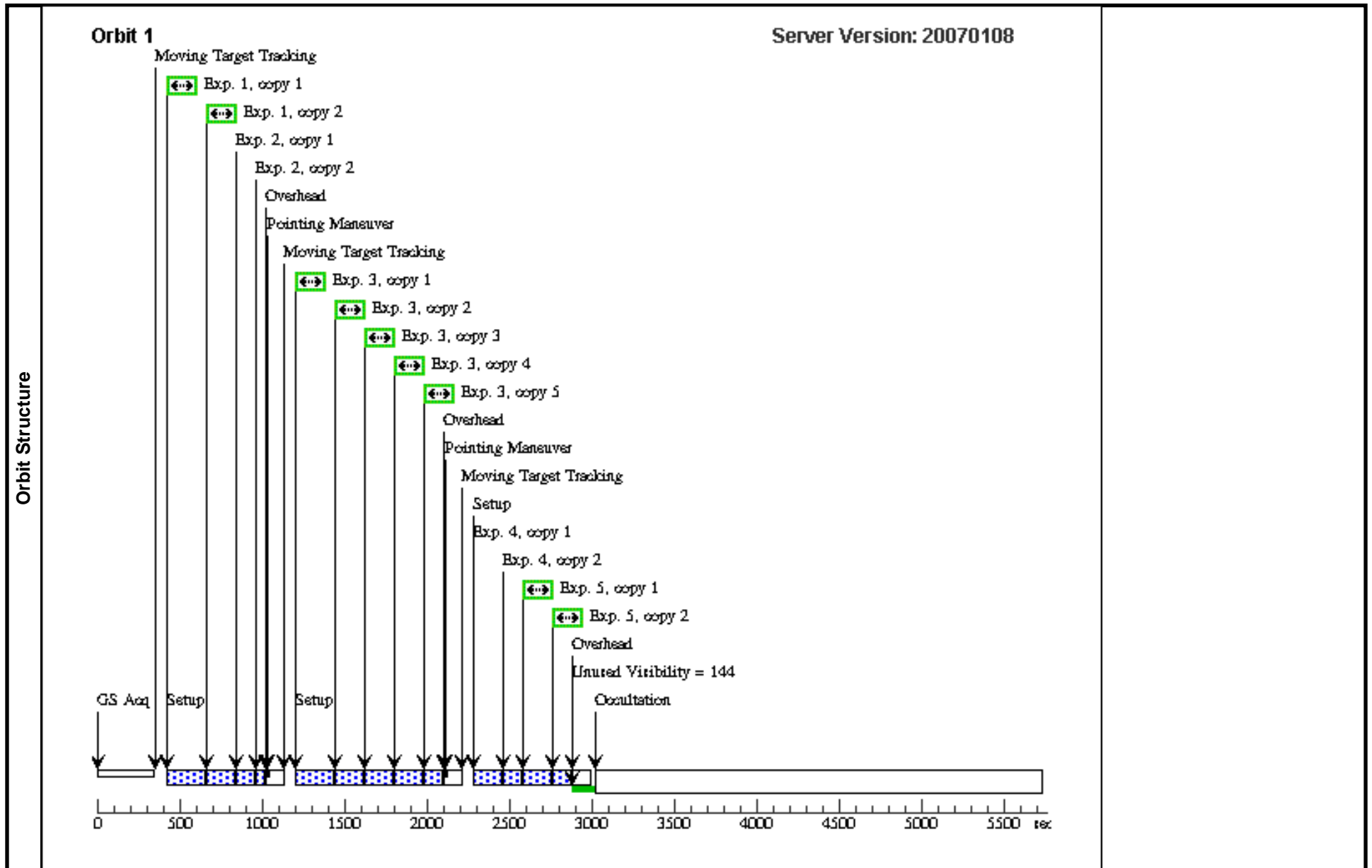
Visit	<b>Proposal 10786, Visit 06, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: SCHED 100%; AFTER 01 BY 34.589439 D TO 35.089439 D Comments: Core visit 1  The 11 core visits (visits 1-11) need to be executed in a sequence which takes about 70 days to complete. They are all linked with timing constraints to visit 1, rather than to the preceding visit for 2 reasons: (1) we want the sampling to be close to uniform, and (2) if one visit fails, we don't want to create an ambiguous situation for the subsequent visits. Differences in orbit visibility are compensated for by adjusting the number of exposures in the middle set of images.									
	Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window			
	(1)	PLUTO-SYSTEM	STD=PLUTO							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	long set 1	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO			100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	2	short set 1	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 1		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	3	long set 2	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG 1.519,1.534		100.0 Secs X 5 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)]	[1]
	4	short set 2	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG -1.534,-1.519		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	5	long set 3	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 4		100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]



Proposal 10786 - Visit 07 - Rotational state and composition of Pluto's outer satellites

Sat Mar 03 02:03:24 GMT 2007

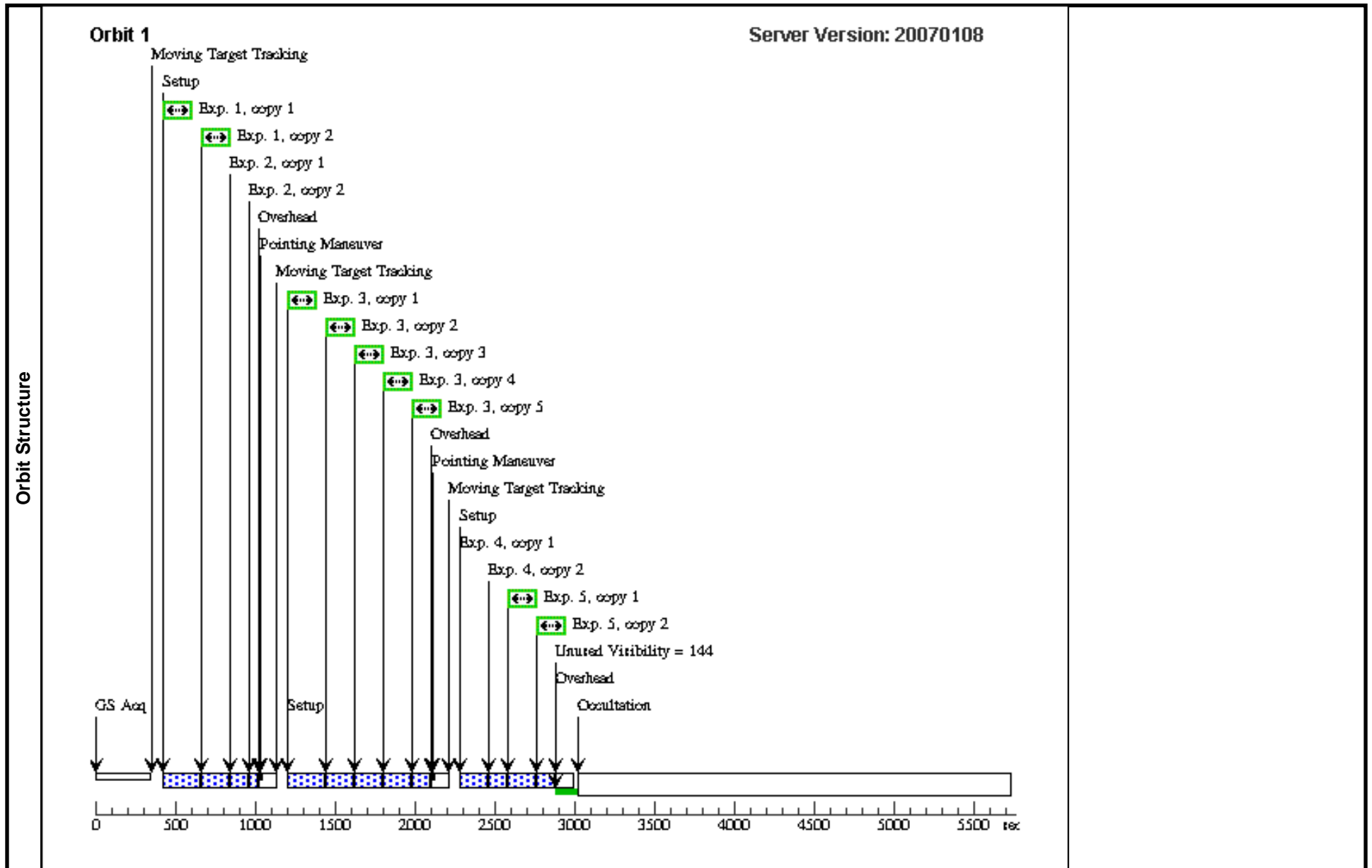
Visit	<b>Proposal 10786, Visit 07, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: SCHED 100%; AFTER 01 BY 41.557329 D TO 42.057329 D Comments: Core visit 1  The 11 core visits (visits 1-11) need to be executed in a sequence which takes about 70 days to complete. They are all linked with timing constraints to visit 1, rather than to the preceding visit for 2 reasons: (1) we want the sampling to be close to uniform, and (2) if one visit fails, we don't want to create an ambiguous situation for the subsequent visits. Differences in orbit visibility are compensated for by adjusting the number of exposures in the middle set of images.									
	Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window			
	(1)	PLUTO-SYSTEM	STD=PLUTO							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	long set 1	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO			100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	2	short set 1	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 1		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	3	long set 2	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG 1.519,1.534		100.0 Secs X 5 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)]	[1]
	4	short set 2	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG -1.534,-1.519		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	5	long set 3	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 4		100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]



Proposal 10786 - Visit 08 - Rotational state and composition of Pluto's outer satellites

Sat Mar 03 02:03:25 GMT 2007

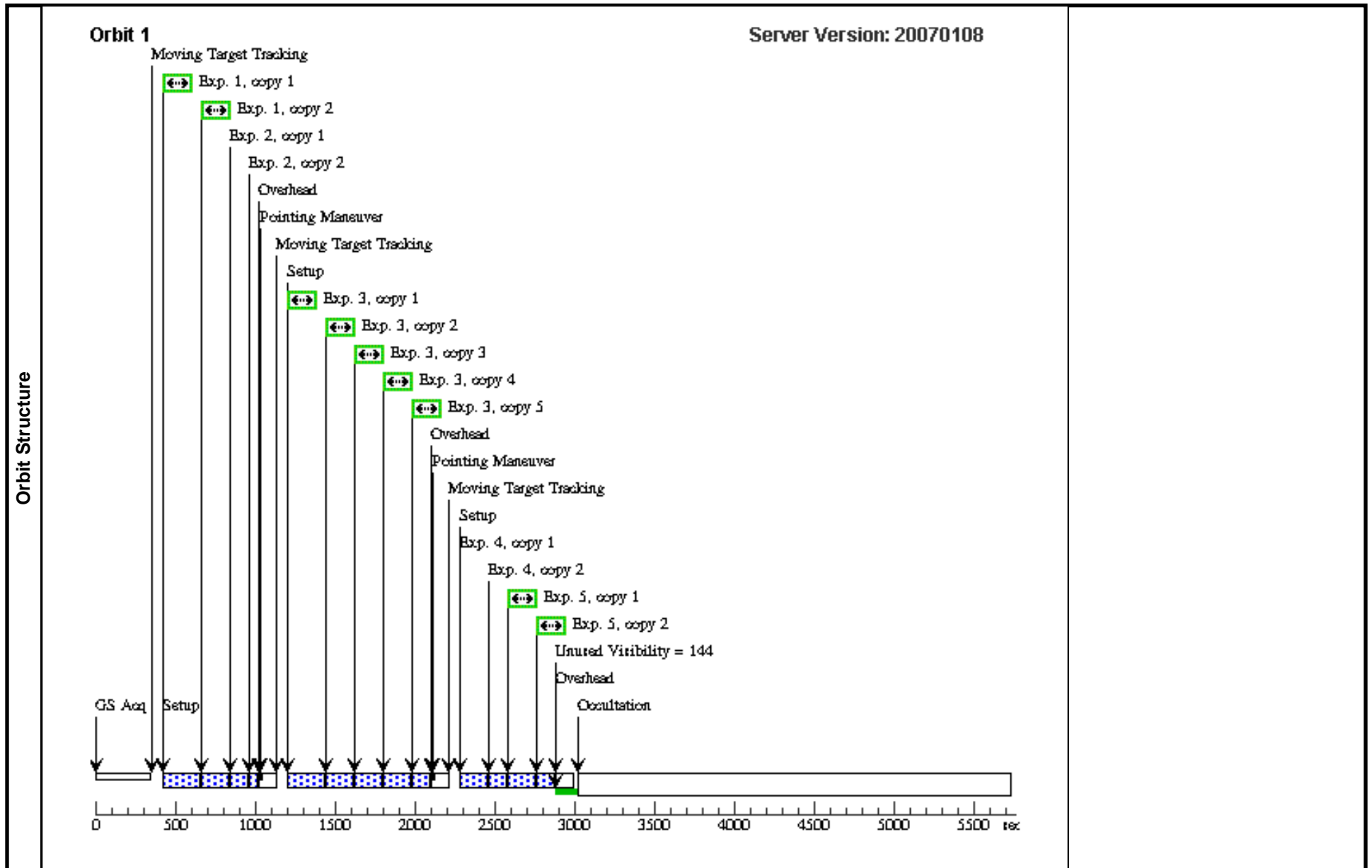
Visit	<b>Proposal 10786, Visit 08, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: SCHED 100%; AFTER 01 BY 48.525213 D TO 49.025213 D Comments: Core visit 1  The 11 core visits (visits 1-11) need to be executed in a sequence which takes about 70 days to complete. They are all linked with timing constraints to visit 1, rather than to the preceding visit for 2 reasons: (1) we want the sampling to be close to uniform, and (2) if one visit fails, we don't want to create an ambiguous situation for the subsequent visits. Differences in orbit visibility are compensated for by adjusting the number of exposures in the middle set of images.									
	Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window			
	(1)	PLUTO-SYSTEM	STD=PLUTO							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	long set 1	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO			100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	2	short set 1	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 1		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	3	long set 2	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG 1.519,1.534		100.0 Secs X 5 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)]	[1]
	4	short set 2	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG -1.534,-1.519		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	5	long set 3	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 4		100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]



Proposal 10786 - Visit 09 - Rotational state and composition of Pluto's outer satellites

Sat Mar 03 02:03:25 GMT 2007

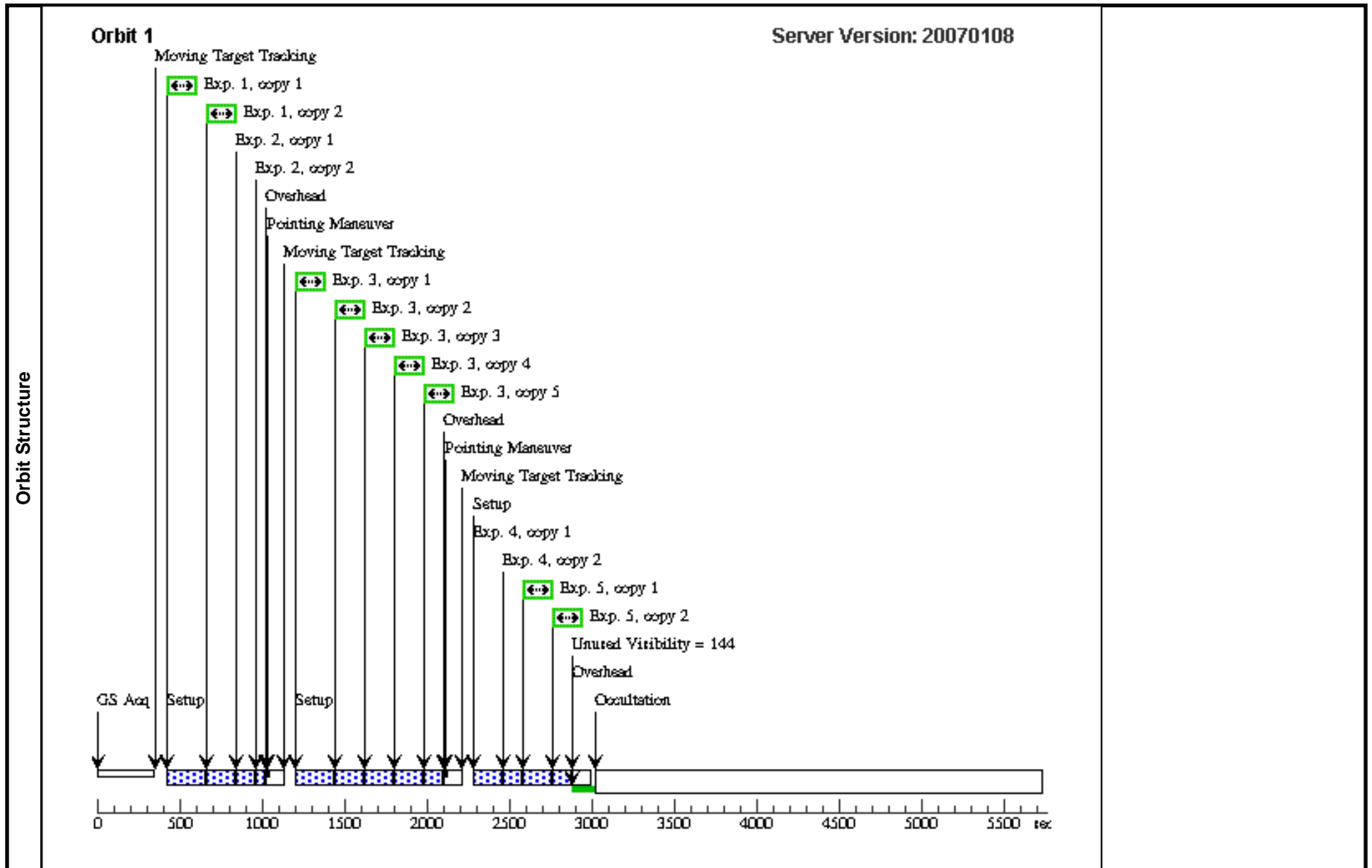
Visit	<b>Proposal 10786, Visit 09, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: SCHED 100%; AFTER 01 BY 55.493103 D TO 55.993103 D Comments: Core visit 1  The 11 core visits (visits 1-11) need to be executed in a sequence which takes about 70 days to complete. They are all linked with timing constraints to visit 1, rather than to the preceding visit for 2 reasons: (1) we want the sampling to be close to uniform, and (2) if one visit fails, we don't want to create an ambiguous situation for the subsequent visits. Differences in orbit visibility are compensated for by adjusting the number of exposures in the middle set of images.									
	Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window			
	(1)	PLUTO-SYSTEM	STD=PLUTO							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	long set 1	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO			100.0 Secs X 2 [=>(Copy 1)] [=>(Copy 2)]	[1]
	2	short set 1	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 1		14.0 Secs X 2 [=>(Copy 1)] [=>(Copy 2)]	[1]
	3	long set 2	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG 1.519,1.534		100.0 Secs X 5 [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)] [=>(Copy 5)]	[1]
	4	short set 2	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG -1.534,-1.519		14.0 Secs X 2 [=>(Copy 1)] [=>(Copy 2)]	[1]
	5	long set 3	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 4		100.0 Secs X 2 [=>(Copy 1)] [=>(Copy 2)]	[1]



Proposal 10786 - Visit 10 - Rotational state and composition of Pluto's outer satellites

Sat Mar 03 02:03:26 GMT 2007

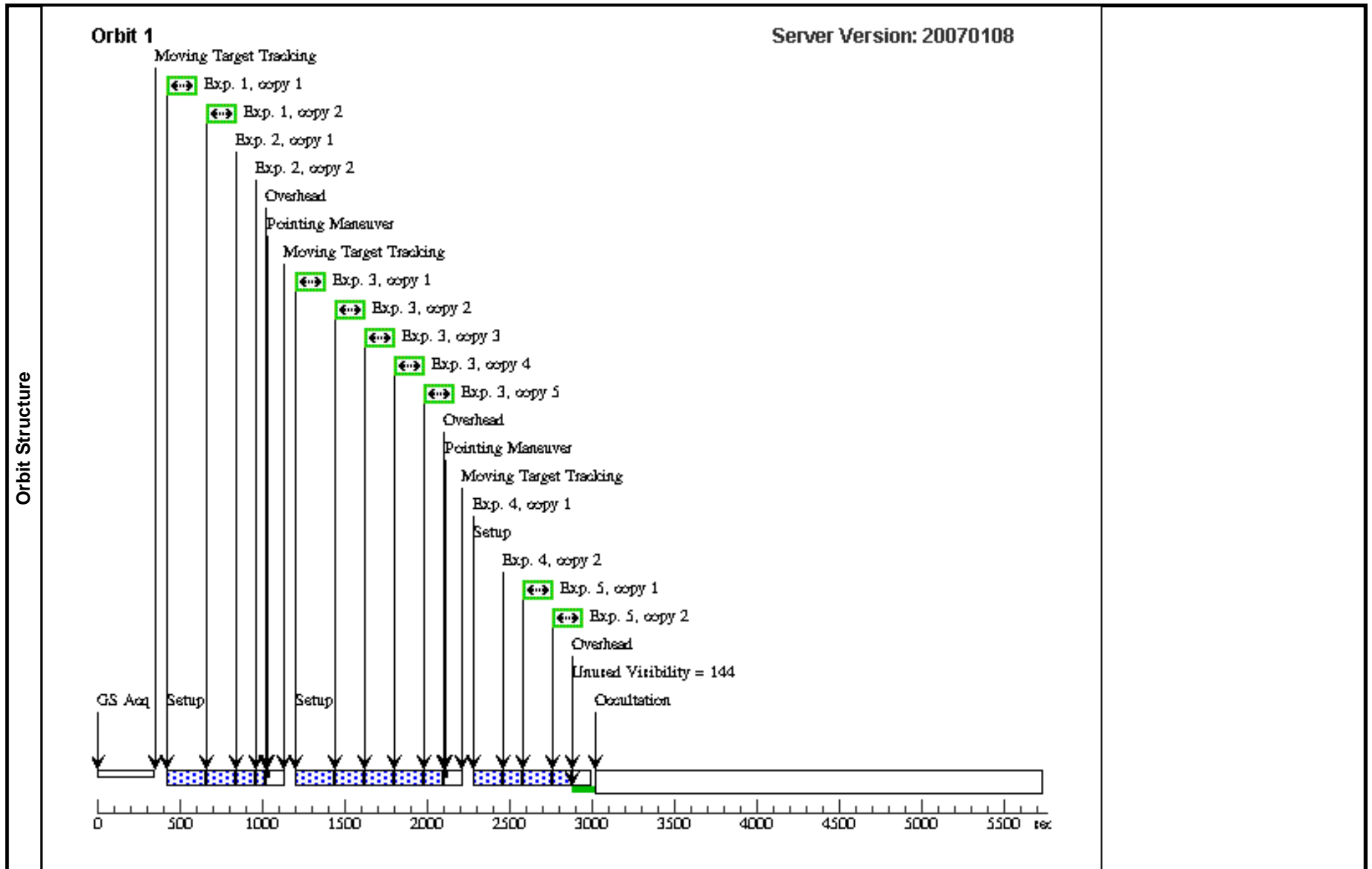
Visit	<b>Proposal 10786, Visit 10, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: SCHED 100%; AFTER 01 BY 62.46099 D TO 62.96099 D Comments: Core visit 1  The 11 core visits (visits 1-11) need to be executed in a sequence which takes about 70 days to complete. They are all linked with timing constraints to visit 1, rather than to the preceding visit for 2 reasons: (1) we want the sampling to be close to uniform, and (2) if one visit fails, we don't want to create an ambiguous situation for the subsequent visits. Differences in orbit visibility are compensated for by adjusting the number of exposures in the middle set of images.									
	Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window			
	(1)	PLUTO-SYSTEM	STD=PLUTO							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	long set 1	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO			100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	2	short set 1	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 1		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	3	long set 2	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG 1.519,1.534		100.0 Secs X 5 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)]	[1]
	4	short set 2	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG -1.534,-1.519		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	5	long set 3	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 4		100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]



Proposal 10786 - Visit 11 - Rotational state and composition of Pluto's outer satellites

Sat Mar 03 02:03:26 GMT 2007

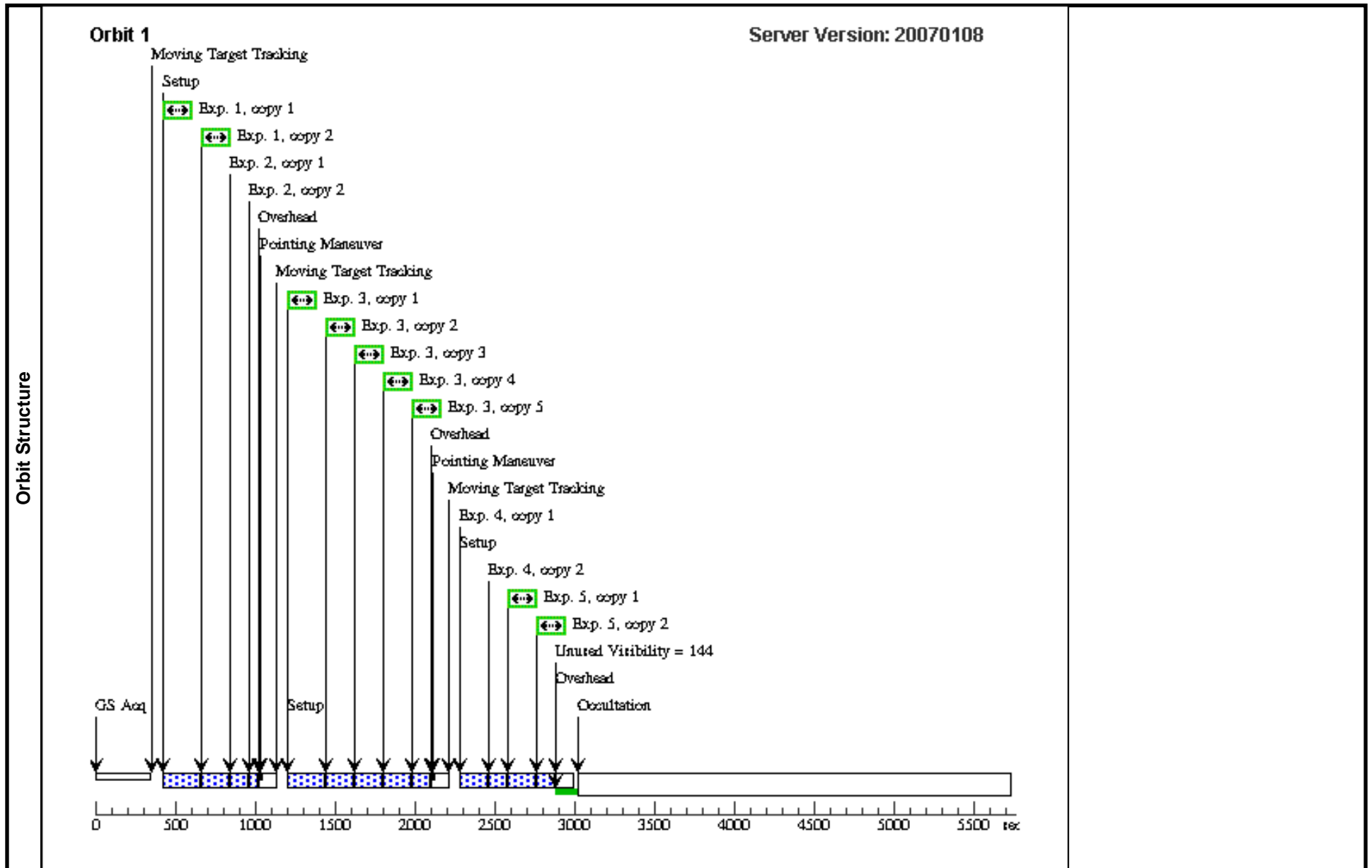
<b>Visit</b>	<p><b>Proposal 10786, Visit 11, implementation</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFPC2</p> <p>Special Requirements: SCHED 100%; AFTER 01 BY 69.428878 D TO 69.928878 D</p> <p><i>Comments: Core visit 1</i></p> <p><i>The 11 core visits (visits 1-11) need to be executed in a sequence which takes about 70 days to complete. They are all linked with timing constraints to visit 1, rather than to the preceding visit for 2 reasons: (1) we want the sampling to be close to uniform, and (2) if one visit fails, we don't want to create an ambiguous situation for the subsequent visits. Differences in orbit visibility are compensated for by adjusting the number of exposures in the middle set of images.</i></p>									
	<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>			
(1)		PLUTO-SYSTEM	STD=PLUTO							
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	long set 1	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO			100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	2	short set 1	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 1		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	3	long set 2	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG 1.519,1.534		100.0 Secs X 5 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)]	[1]
	4	short set 2	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG -1.534,-1.519		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	5	long set 3	(1) PLUTO-SYSTEM	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 4		100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]



Proposal 10786 - Visit 12 - Rotational state and composition of Pluto's outer satellites

Sat Mar 03 02:03:27 GMT 2007

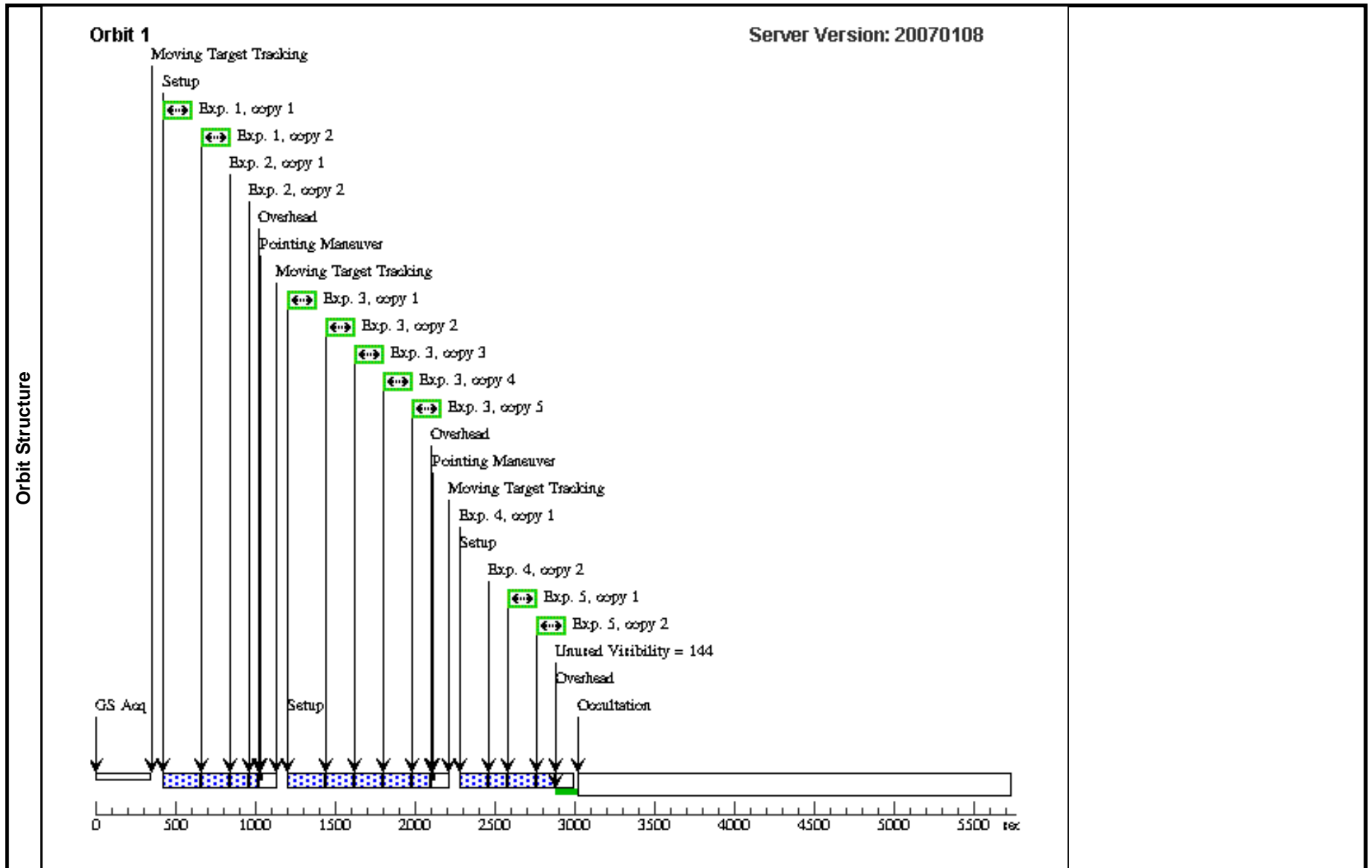
<b>Visit</b>	<p><b>Proposal 10786, Visit 12, implementation</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFPC2</p> <p>Special Requirements: SCHED 100%; AFTER 10 BY 0.620986 D TO 1.120986 D</p> <p><i>Comments: Temporal sample visit 1</i></p> <p><i>The 3 temporal sampling visits (visits 12-14) are intended to cover lightcurve variations on an intermediate timescale relative to the core set. These three visits are tied to visit 10 but could actually be relative to any of the core visits. They are all linked with timing constraints to visit 10, rather than to the preceding visit for 2 reasons: (1) we want the sampling to be close to uniform, and (2) if one visit fails, we don't want to create an ambiguous situation for the subsequent visits. Differences in orbit visibility are compensated for by adjusting the number of exposures in the middle set of images.</i></p>																				
	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Level 1</th> <th>Level 2</th> <th>Level 3</th> <th>Window</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>PLUTO-SYSTEM</td> <td>STD=PLUTO</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										#	Name	Level 1	Level 2	Level 3	Window	(1)	PLUTO-SYSTEM	STD=PLUTO		
#	Name	Level 1	Level 2	Level 3	Window																
(1)	PLUTO-SYSTEM	STD=PLUTO																			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>											
	1	long set 1	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO			100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]											
	2	short set 1	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 1		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]											
	3	long set 2	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG 1.519,1.534		100.0 Secs X 5 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)]	[1]											
	4	short set 2	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG -1.534,-1.519		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]											
	5	long set 3	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 4		100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]											



Proposal 10786 - Visit 13 - Rotational state and composition of Pluto's outer satellites

Sat Mar 03 02:03:27 GMT 2007

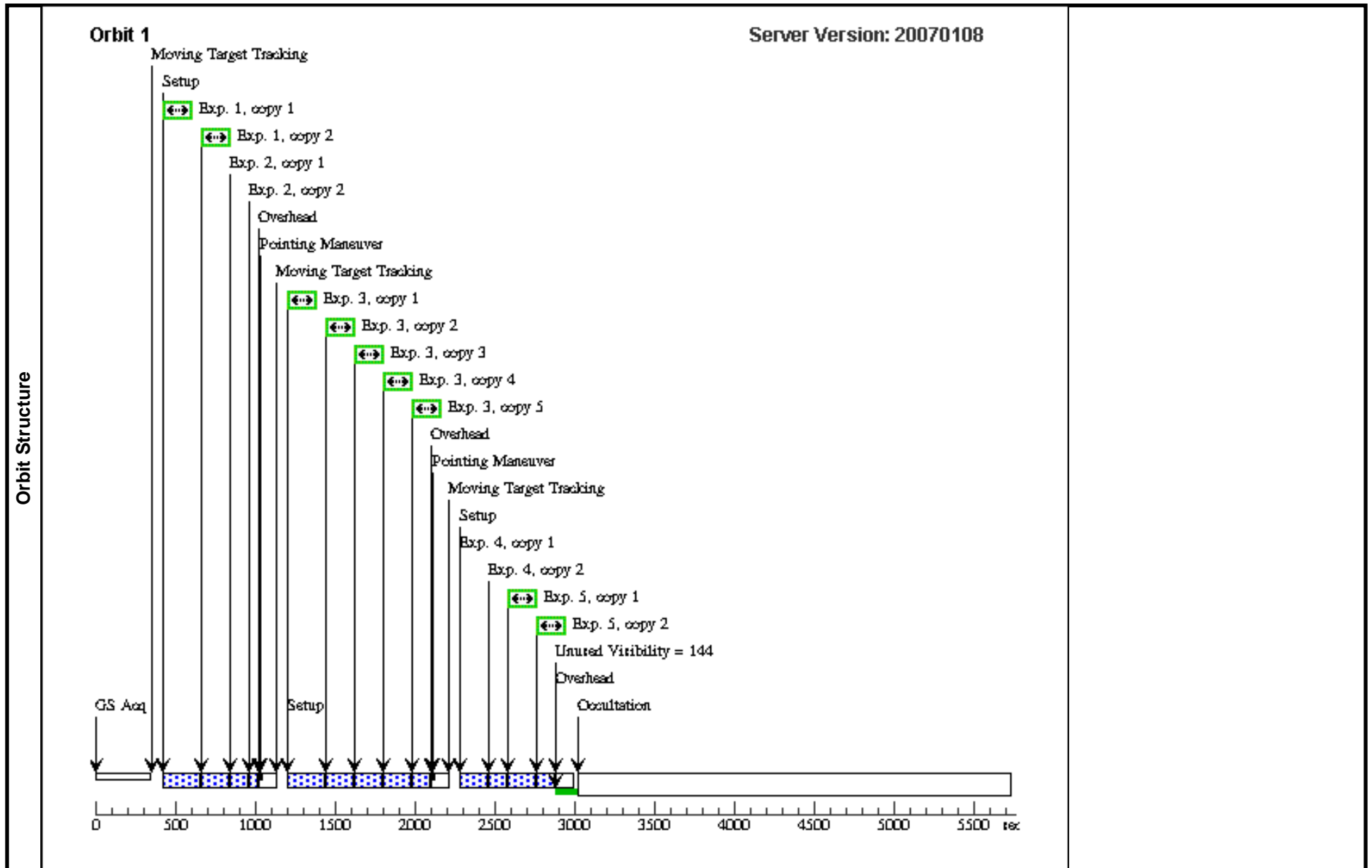
<b>Visit</b>	<p><b>Proposal 10786, Visit 13, implementation</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFPC2</p> <p>Special Requirements: SCHED 100%; AFTER 10 BY 1.491972 D TO 1.991972 D</p> <p><i>Comments: Temporal sample visit 1</i></p> <p><i>The 3 temporal sampling visits (visits 12-14) are intended to cover lightcurve variations on an intermediate timescale relative to the core set. These three visits are tied to visit 10 but could actually be relative to any of the core visits. They are all linked with timing constraints to visit 10, rather than to the preceding visit for 2 reasons: (1) we want the sampling to be close to uniform, and (2) if one visit fails, we don't want to create an ambiguous situation for the subsequent visits. Differences in orbit visibility are compensated for by adjusting the number of exposures in the middle set of images.</i></p>																				
	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Level 1</th> <th>Level 2</th> <th>Level 3</th> <th>Window</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>PLUTO-SYSTEM</td> <td>STD=PLUTO</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										#	Name	Level 1	Level 2	Level 3	Window	(1)	PLUTO-SYSTEM	STD=PLUTO		
#	Name	Level 1	Level 2	Level 3	Window																
(1)	PLUTO-SYSTEM	STD=PLUTO																			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>											
	1	long set 1	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO			100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]											
	2	short set 1	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 1		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]											
	3	long set 2	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG 1.519,1.534		100.0 Secs X 5 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)]	[1]											
	4	short set 2	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG -1.534,-1.519		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]											
	5	long set 3	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 4		100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]											



Proposal 10786 - Visit 14 - Rotational state and composition of Pluto's outer satellites

Sat Mar 03 02:03:28 GMT 2007

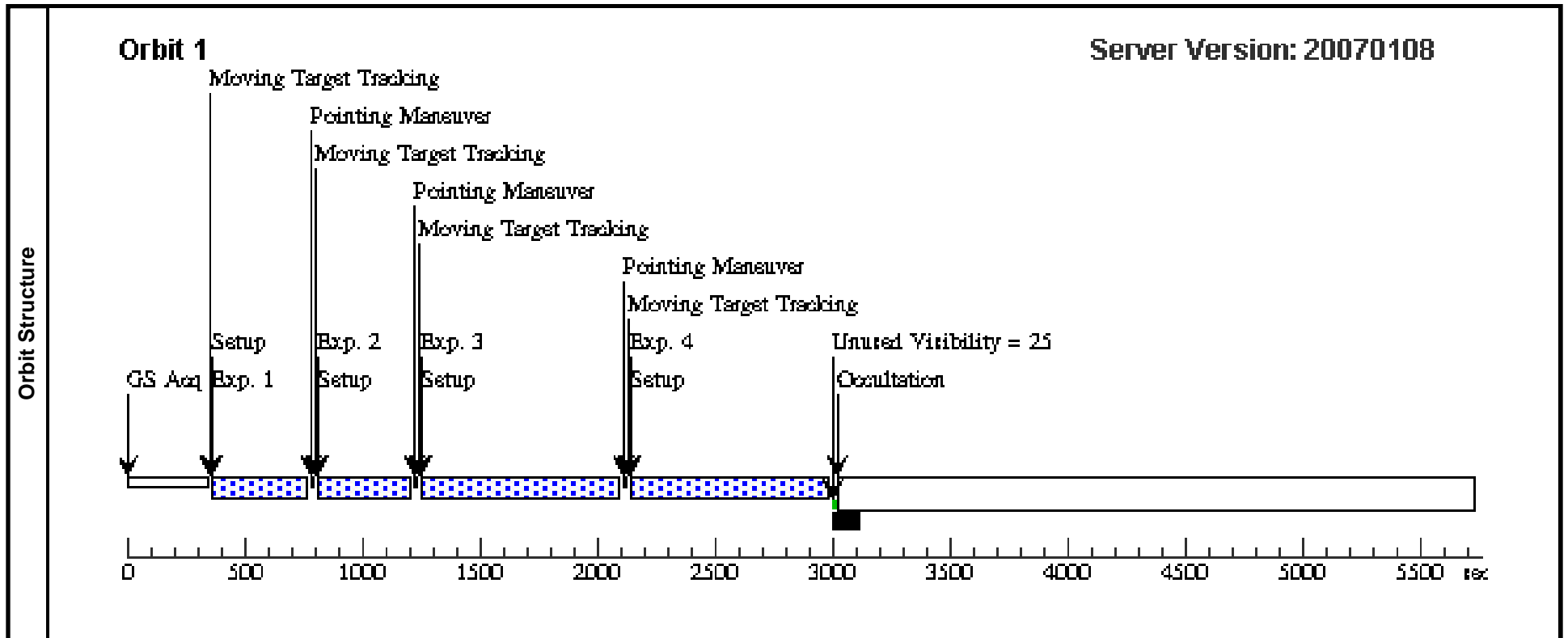
Visit	<b>Proposal 10786, Visit 14, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: SCHED 100%; AFTER 10 BY 3.233944 D TO 3.733944 D Comments: Temporal sample visit 1  The 3 temporal sampling visits (visits 12-14) are intended to cover lightcurve variations on an intermediate timescale relative to the core set. These three visits are tied to visit 10 but could actually be relative to any of the core visits. They are all linked with timing constraints to visit 10, rather than to the preceding visit for 2 reasons: (1) we want the sampling to be close to uniform, and (2) if one visit fails, we don't want to create an ambiguous situation for the subsequent visits. Differences in orbit visibility are compensated for by adjusting the number of exposures in the middle set of images.									
	Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window			
	(1)	PLUTO-SYSTEM	STD=PLUTO							
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	long set 1	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO			100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	2	short set 1	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 1		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	3	long set 2	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG 1.519,1.534		100.0 Secs X 5 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)]	[1]
	4	short set 2	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG -1.534,-1.519		14.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]
	5	long set 3	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 4		100.0 Secs X 2 [==>(Copy 1)] [==>(Copy 2)]	[1]



Proposal 10786 - Visit 15 - Rotational state and composition of Pluto's outer satellites

Sat Mar 03 02:03:29 GMT 2007

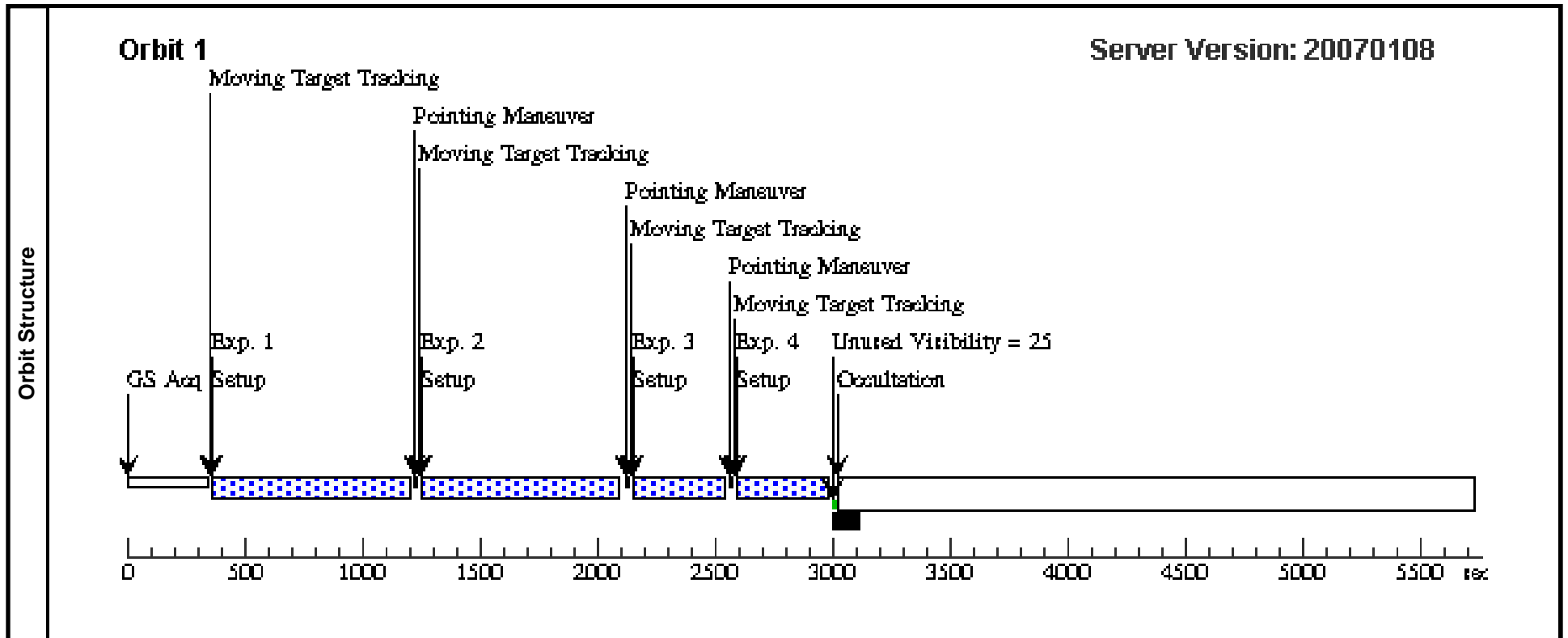
Visit	<b>Proposal 10786, Visit 15, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC2 Special Requirements: SCHED 100% Comments: <i>Infrared visit 1</i>  The two Infrared visits (visits 15,16) should bracket one of the ACS/HRC visits (visits 1-14). Here they're bracketing visit 1, but it doesn't actually matter which of visits 1-14 the two infrared visits bracket.									
	Solar System Targets									
#	Name	Level 1	Level 2	Level 3	Window					
(1)	PLUTO-SYSTEM	STD=PLUTO								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) PLUTO-SYSTEM	NIC2, MULTIACCUM, NIC2	F110W	SAMP-SEQ=STEP6 4; NSAMP=14	POS TARG -0.0979 8,0.056569		[==>]	[1]
	2		(1) PLUTO-SYSTEM	NIC2, MULTIACCUM, NIC2	F110W	SAMP-SEQ=STEP6 4; NSAMP=14	POS TARG 0.09798, -0.056568		[==>]	[1]
	3		(1) PLUTO-SYSTEM	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=21	POS TARG 0.05656 9,0.09798		[==>]	[1]
	4		(1) PLUTO-SYSTEM	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=21	POS TARG -0.0565 68,-0.09798		[==>]	[1]



Proposal 10786 - Visit 16 - Rotational state and composition of Pluto's outer satellites

Sat Mar 03 02:03:29 GMT 2007

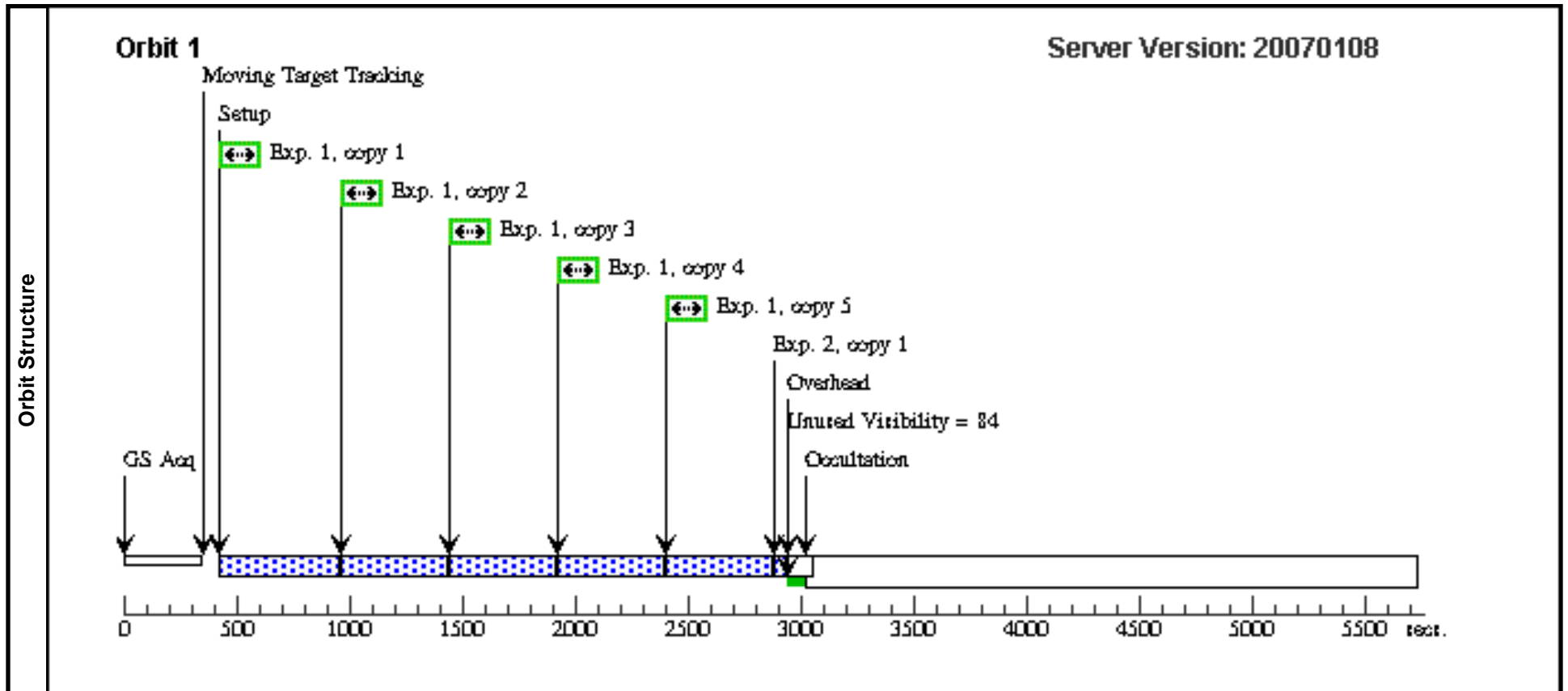
Visit	<p><b>Proposal 10786, Visit 16, implementation</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: NIC2</p> <p>Special Requirements: SCHED 100%; AFTER 01 BY 0 Orbits TO 2 Orbits</p> <p>Comments: <i>Infrared visit 2</i></p> <p><i>The two Infrared visits (visits 15,16) should bracket one of the ACS/HRC visits (visits 1-14). Here they're bracketing visit 1, but it doesn't actually matter which of visits 1-14 the two infrared visits bracket.</i></p>									
	Solar System Targets									
#	Name	Level 1	Level 2	Level 3	Window					
(1)	PLUTO-SYSTEM	STD=PLUTO								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) PLUTO-SYSTEM	NIC2, MULTIACCUM, NIC2	F160W	NSAMP=21; SAMP-SEQ=STEP6 4	POS TARG -0.0565 68,0.09798		[==>]	[1]
	2		(1) PLUTO-SYSTEM	NIC2, MULTIACCUM, NIC2	F160W	NSAMP=21; SAMP-SEQ=STEP6 4	POS TARG 0.05656 9,-0.09798		[==>]	[1]
	3		(1) PLUTO-SYSTEM	NIC2, MULTIACCUM, NIC2	F110W	NSAMP=14; SAMP-SEQ=STEP6 4	POS TARG 0.09798, 0.056569		[==>]	[1]
4		(1) PLUTO-SYSTEM	NIC2, MULTIACCUM, NIC2	F110W	NSAMP=14; SAMP-SEQ=STEP6 4	POS TARG -0.0979 8,-0.056568		[==>]	[1]	

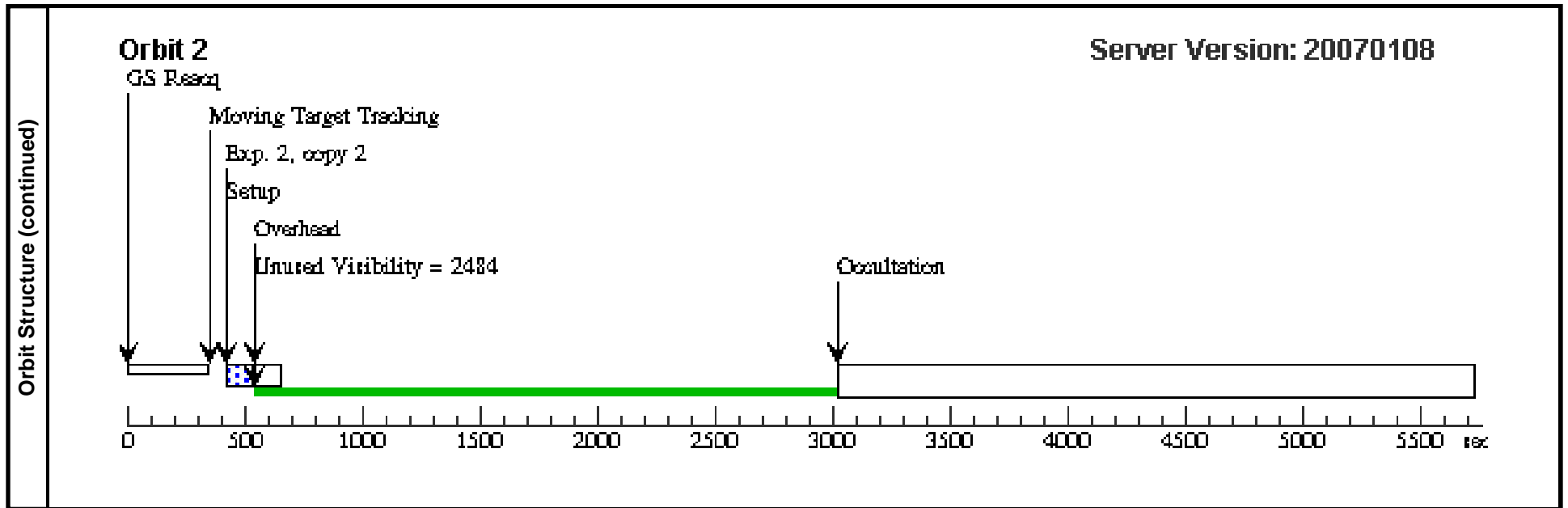


Proposal 10786 - Visit 17 - Rotational state and composition of Pluto's outer satellites

Sat Mar 03 02:03:30 GMT 2007

<b>Visit</b>	<p><b>Proposal 10786, Visit 17</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFPC2</p> <p>Special Requirements: SCHED 100%; AFTER 09 BY 0 Orbits TO 2 Orbits</p> <p><i>Comments: Optical color visit 1</i></p> <p><i>This visit is linked with a timing constraint to Core visit 9, but the three "Optical color" visits (visits 17-18) could be linked to any other of the Core visits (visits 1-11) instead. The three optical color visits can be linked to the same or different visits as dictated by scheduling constraints. They could also precede or bracket the core visit if that helped anything. The nominal scheduling in this specification biases the color visits later in the sequence since the target will be marginally brighter then.</i></p>																				
	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Level 1</th> <th>Level 2</th> <th>Level 3</th> <th>Window</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>PLUTO-SYSTEM</td> <td>STD=PLUTO</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										#	Name	Level 1	Level 2	Level 3	Window	(1)	PLUTO-SYSTEM	STD=PLUTO		
#	Name	Level 1	Level 2	Level 3	Window																
(1)	PLUTO-SYSTEM	STD=PLUTO																			
<b>Solar System Targets</b>																					
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>											
	1	long set 1	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F439W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO			350.0 Secs X 5 [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)] [=>(Copy 5)]	[1]											
	2	short set 1	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F439W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 1		40.0 Secs X 2 [=>(Copy 1)] [=>(Copy 2)]	[1] [2]											

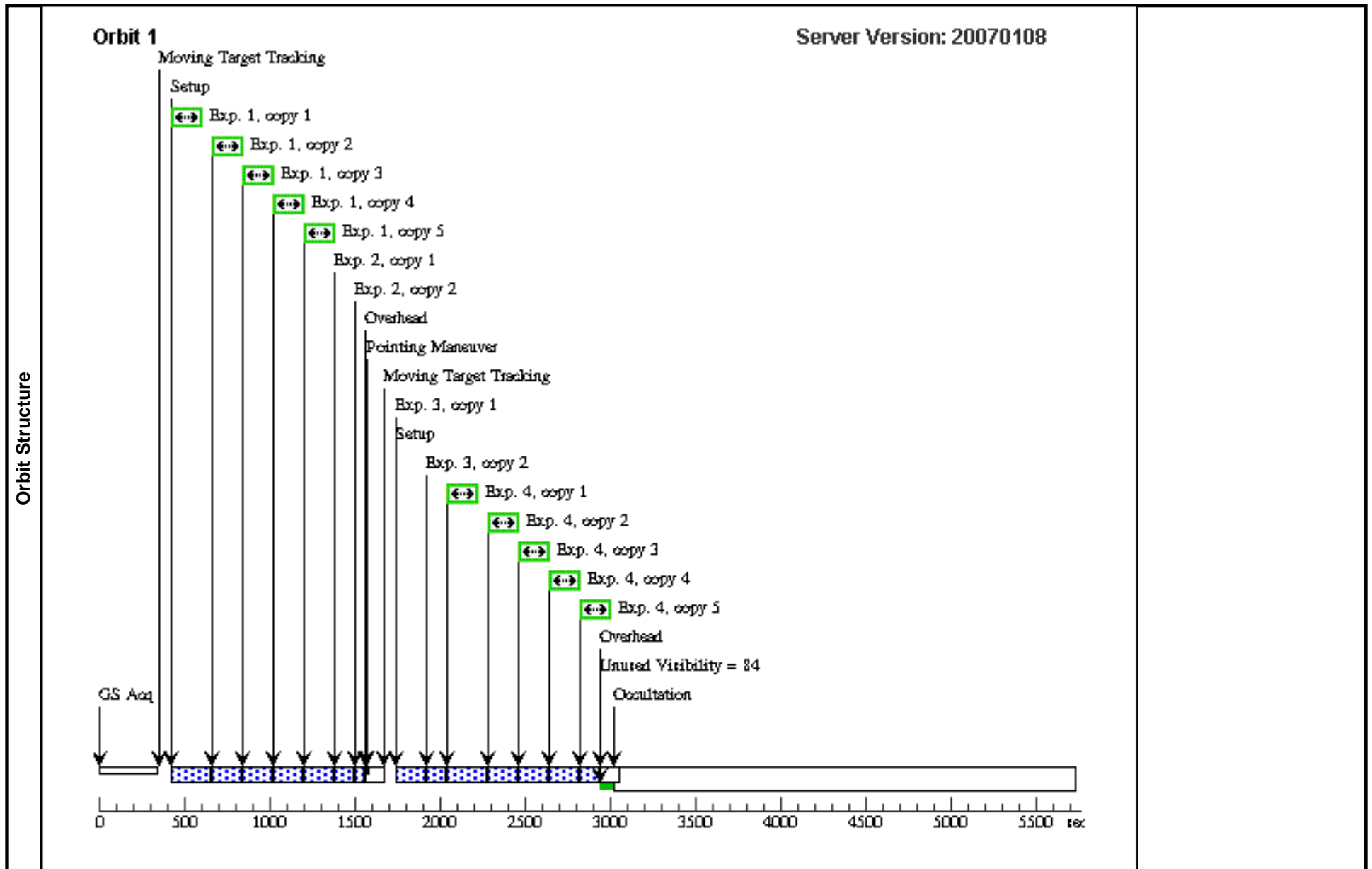




Proposal 10786 - Visit 18 - Rotational state and composition of Pluto's outer satellites

Sat Mar 03 02:03:30 GMT 2007

<b>Visit</b>	<p><b>Proposal 10786, Visit 18</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFPC2</p> <p>Special Requirements: SCHED 100%; AFTER 08 BY 0 Orbits TO 2 Orbits</p> <p><i>Comments: Optical color visit 2</i></p> <p><i>This visit is linked with a timing constraint to Core visit 8, but the three "Optical color" visits (visits 17-18) could be linked to any other of the Core visits (visits 1-11) instead. The three optical color visits can be linked to the same or different visits as dictated by scheduling constraints. They could also precede or bracket the core visit if that helped anything. The nominal scheduling in this specification biases the color visits later in the sequence since the target will be marginally brighter then.</i></p>																				
	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Level 1</th> <th>Level 2</th> <th>Level 3</th> <th>Window</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>PLUTO-SYSTEM</td> <td>STD=PLUTO</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										#	Name	Level 1	Level 2	Level 3	Window	(1)	PLUTO-SYSTEM	STD=PLUTO		
#	Name	Level 1	Level 2	Level 3	Window																
(1)	PLUTO-SYSTEM	STD=PLUTO																			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>											
	1	long set 1	(1) PLUTO-SYSTEM M	WFPC2, IMAGE, PC1	F675W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO			50.0 Secs X 5 [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)] [=>(Copy 5)]	[1]											
	2	short set 1	(1) PLUTO-SYSTEM M	WFPC2, IMAGE, PC1	F675W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 1		7.0 Secs X 2 [=>(Copy 1)] [=>(Copy 2)]	[1]											
	3	short set 2	(1) PLUTO-SYSTEM M	WFPC2, IMAGE, PC1	F555W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG 1.527,1.527		14.0 Secs X 2 [=>(Copy 1)] [=>(Copy 2)]	[1]											
	4	long set 2	(1) PLUTO-SYSTEM M	WFPC2, IMAGE, PC1	F675W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 3		50.0 Secs X 5 [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)] [=>(Copy 5)]	[1]											



Proposal 10786 - Visit 19 - Rotational state and composition of Pluto's outer satellites

Sat Mar 03 02:03:30 GMT 2007

<b>Visit</b>	<p><b>Proposal 10786, Visit 19</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFPC2</p> <p>Special Requirements: SCHED 100%; AFTER 07 BY 0 Orbits TO 2 Orbits</p> <p>Comments: <i>Optical color visit 3</i></p> <p><i>This visit is linked with a timing constraint to Core visit 7, but the three "Optical color" visits (visits 17-18) could be linked to any other of the Core visits (visits 1-11) instead. The three optical color visits can be linked to the same or different visits as dictated by scheduling constraints. They could also precede or bracket the core visit if that helped anything. The nominal scheduling in this specification biases the color visits later in the sequence since the target will be marginally brighter then.</i></p>																				
	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Level 1</th> <th>Level 2</th> <th>Level 3</th> <th>Window</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>PLUTO-SYSTEM</td> <td>STD=PLUTO</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										#	Name	Level 1	Level 2	Level 3	Window	(1)	PLUTO-SYSTEM	STD=PLUTO		
#	Name	Level 1	Level 2	Level 3	Window																
(1)	PLUTO-SYSTEM	STD=PLUTO																			
<b>Solar System Targets</b>																					
	<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>										
		1	long set 1	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F814W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO			140.0 Secs X 4 [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]										
		2	short set 1	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F814W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 1		18.0 Secs X 2 [=>(Copy 1)] [=>(Copy 2)]	[1]										
		3	short set 2	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F814W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	POS TARG 1.527,1.527		18.0 Secs X 2 [=>(Copy 1)] [=>(Copy 2)]	[1]										
4		long set 2	(1) PLUTO-SYSTE M	WFPC2, IMAGE, PC1	F814W	ATD-GAIN=15; CLOCKS=YES; CR-SPLIT=NO	SAME POS AS 3		140.0 Secs X 4 [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)] [=>(Copy 4)]	[1]											

