



11081 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

Cycle: 15, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
A0	(6) B514	WFPC2	15	05-Jul-2007 21:12:06.0	yes
A1	(6) B514	WFPC2	5	05-Jul-2007 21:12:23.0	yes
A2	(6) B514	WFPC2	5	05-Jul-2007 21:12:29.0	yes
A3	(6) B514	WFPC2	5	05-Jul-2007 21:12:35.0	yes

Proposal 11081 (STScI Edit Number: 4, Created: Thursday, July 5, 2007 8:15:25 PM EST) - Overview

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
B0	(4) G322	WFPC2	11	05-Jul-2007 21:12:50.0	yes
B1	(4) G322	WFPC2	4	05-Jul-2007 21:12:59.0	yes
B2	(4) G322	WFPC2	4	05-Jul-2007 21:13:03.0	yes
B3	(4) G322	WFPC2	3	05-Jul-2007 21:13:07.0	yes
C0	(2) G33	WFPC2	11	05-Jul-2007 21:13:17.0	yes
C1	(2) G33	WFPC2	4	05-Jul-2007 21:13:26.0	yes
C2	(2) G33	WFPC2	4	05-Jul-2007 21:13:31.0	yes
C3	(2) G33	WFPC2	3	05-Jul-2007 21:13:34.0	yes
D0	(5) G105	WFPC2	15	05-Jul-2007 21:13:49.0	yes
D1	(5) G105	WFPC2	5	05-Jul-2007 21:14:03.0	yes
D2	(5) G105	WFPC2	5	05-Jul-2007 21:14:09.0	yes
D3	(5) G105	WFPC2	5	05-Jul-2007 21:14:14.0	yes
E0	(3) G76	WFPC2	15	05-Jul-2007 21:14:33.0	yes
E1	(3) G76	WFPC2	5	05-Jul-2007 21:14:43.0	yes
E2	(3) G76	WFPC2	5	05-Jul-2007 21:14:49.0	yes
E3	(3) G76	WFPC2	5	05-Jul-2007 21:14:55.0	yes
F0	(1) G11	WFPC2	11	05-Jul-2007 21:15:09.0	yes
F1	(1) G11	WFPC2	4	05-Jul-2007 21:15:16.0	yes
F2	(1) G11	WFPC2	4	05-Jul-2007 21:15:20.0	yes
F3	(1) G11	WFPC2	3	05-Jul-2007 21:15:24.0	yes

156 Total Orbits Used

ABSTRACT

The pulsation properties of the RR Lyrae stars in the globular clusters of the Andromeda galaxy (M31) have the potential to provide essential insight on the first epoch of the galaxy formation and to trace the merging episodes that led to the assembly of M31. Their mean periods along with the cluster metallicities can provide an independent estimate of the M31 cluster ages and, in turn, of the time scale of the M31 halo formation, by comparison with their Milky Way counterparts. We will observe RR Lyrae stars in 6 appropriately selected globular clusters of M31 using WFPC2 to derive periods, light curves, and physical parameters of these eyewitnesses of the first epochs of the M31 formation.

OBSERVING DESCRIPTION

In our preliminary study (Clementini et al. 2001, ApJ, 559, L109) we verified the feasibility of this program, i.e. 20-min exposures with the WFPC2/PC F555W (V) and F814W (I) filters provide a sufficiently good S/N to detect RR Lyrae stars even at minimum light (r.m.s. error of about 0.1 mag at V=26). We will use a similar setup with the only difference that F555W is replaced by F606W because of its better throughput. Therefore each orbit (visibility period of 53 min) can accommodate a set of one V (1100s) + one I (1100s) exposures, considering also the overhead time (no CR-SPLIT and no dither are needed, since we take multiple exposures). We observe 15 orbits (and hence we obtain 15 V and 15 I data points) per cluster, except for those clusters with previous available data for which less orbits (e.g. 11 or 12) are needed. With 15 data points we shall be able to define a light curve with sufficient accuracy and derive periods with at least 2-3 significant decimal digits. We will use the I data both to derive V-I colors and to artificially increase the number of V data points via some proper transformation (see Clementini et al. 2001) in order to have better statistics in the period-searching process. Whenever previous data are available, these will be very useful for a better definition of the period thanks to the long time baseline.

We have devised two different observing strategies.

In strategy 1:

- a) each orbit contains one F606W (1100s) and one F814W (1100s) exposures, no CR-SPLIT and no dithering;
- b) all orbits (11 or 15, depending on the target) are contained in one visit to that target, so that all exposure pairs are taken sequentially with no gap;
- c) steps a) and b) are applied to each target.

In strategy 2:

- a) each orbit contains one F606W (1100s) and one F814W (1100s) exposures, no CR-SPLIT and no dithering;
- b) since the SAA does not allow to observe all orbits for a given target sequentially with no gap in one single visit, we have split our orbit budget into three visits containing 3 (or 4 or 5, depending on the target) orbits each. Therefore each target will be observed with three visits. All visits on a given target need to be taken with the same ORIENT and consecutively.
- c) steps a) and b) are applied to each target.

Either strategy 1 or 2 will be implemented depending on observing conditions.

ADDITIONAL COMMENTS

Strategy n.1 is the preferred one for any cluster, however if it should cause scheduling problems can be replaced with strategy n.2 whenever necessary.

Proposal 11081 - Visit A0 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

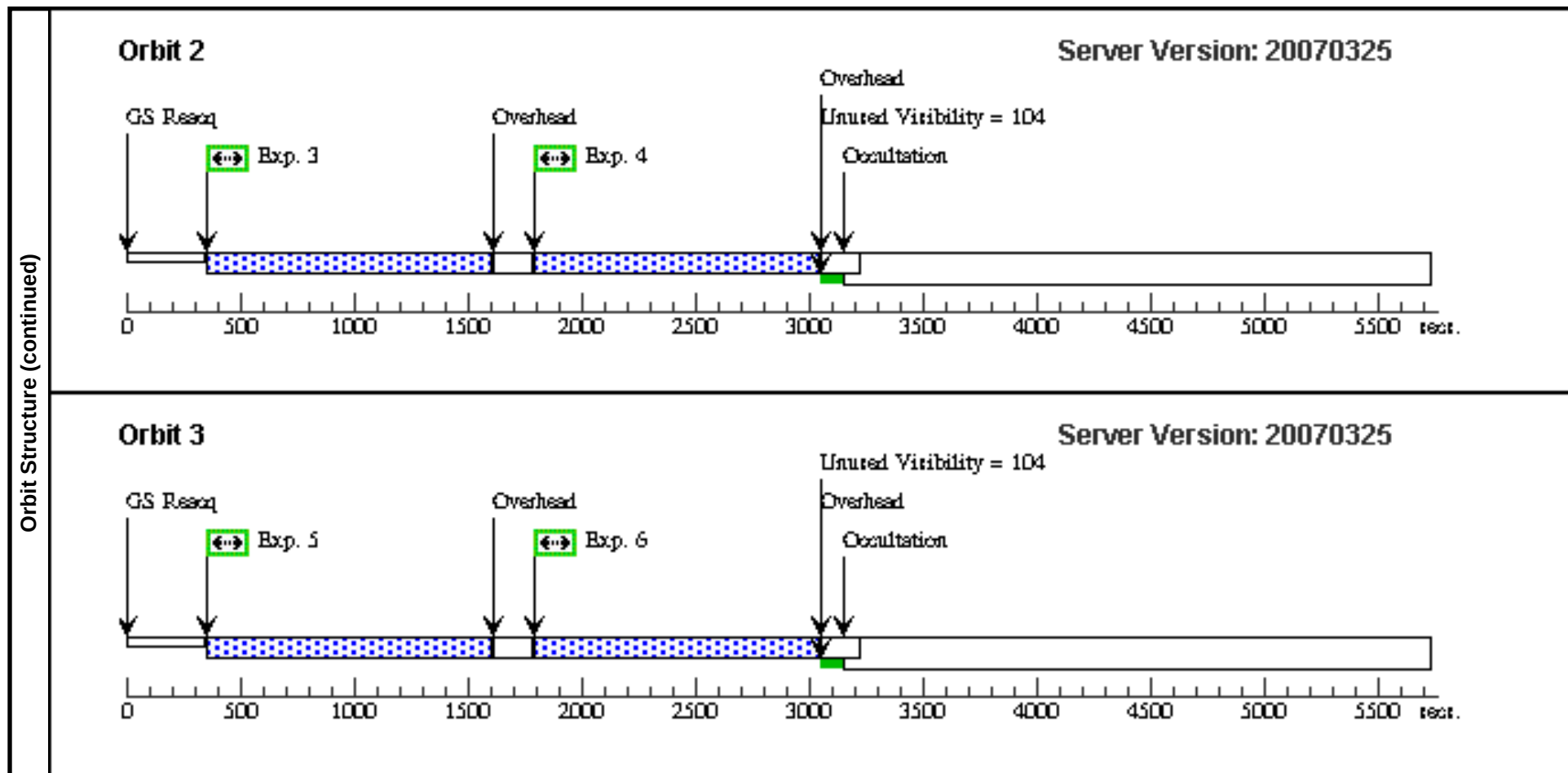
Visit	Proposal 11081, Visit A0, withdrawn Fri Jul 06 01:15:26 GMT 2007									
	Diagnostic Status: Warning Scientific Instruments: WFPC2 Special Requirements: ON HOLD <i>On Hold Comments: Execute either visit A0 or visits A1-A3. Visit A0 is preferred.</i>									
Diagnostics	(Visit A0) Warning: LONG SU LIKELY TO INTERSECT THE SAA									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord.	Corrections	Fluxes	Miscellaneous			
	(6)	B514	RA: 00 31 9.8000 (7.7908333d) Dec: +37 53 59.60 (37.89989d) Equinox: J2000			V=15.7+/-0.2	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B514_A0_V 0	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[1]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	2	B514_A0_I 0	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[1]
	3	B514_A0_V 1	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[2]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	4	B514_A0_I 1	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[2]
	5	B514_A0_V 2	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[3]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	6	B514_A0_I 2	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[3]
	7	B514_A0_V 3	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[4]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	8	B514_A0_I 3	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[4]

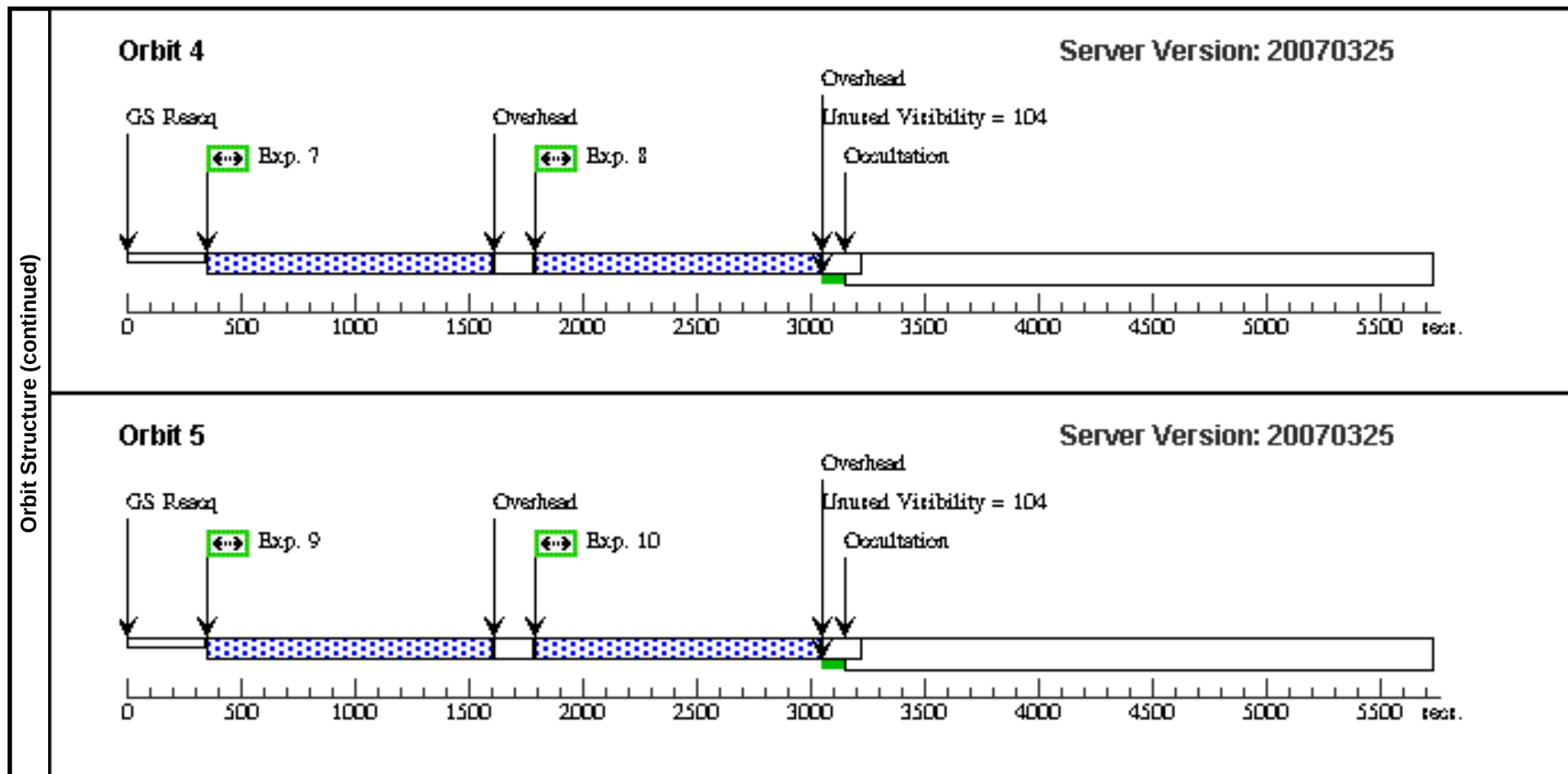
Proposal 11081 - Visit A0 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

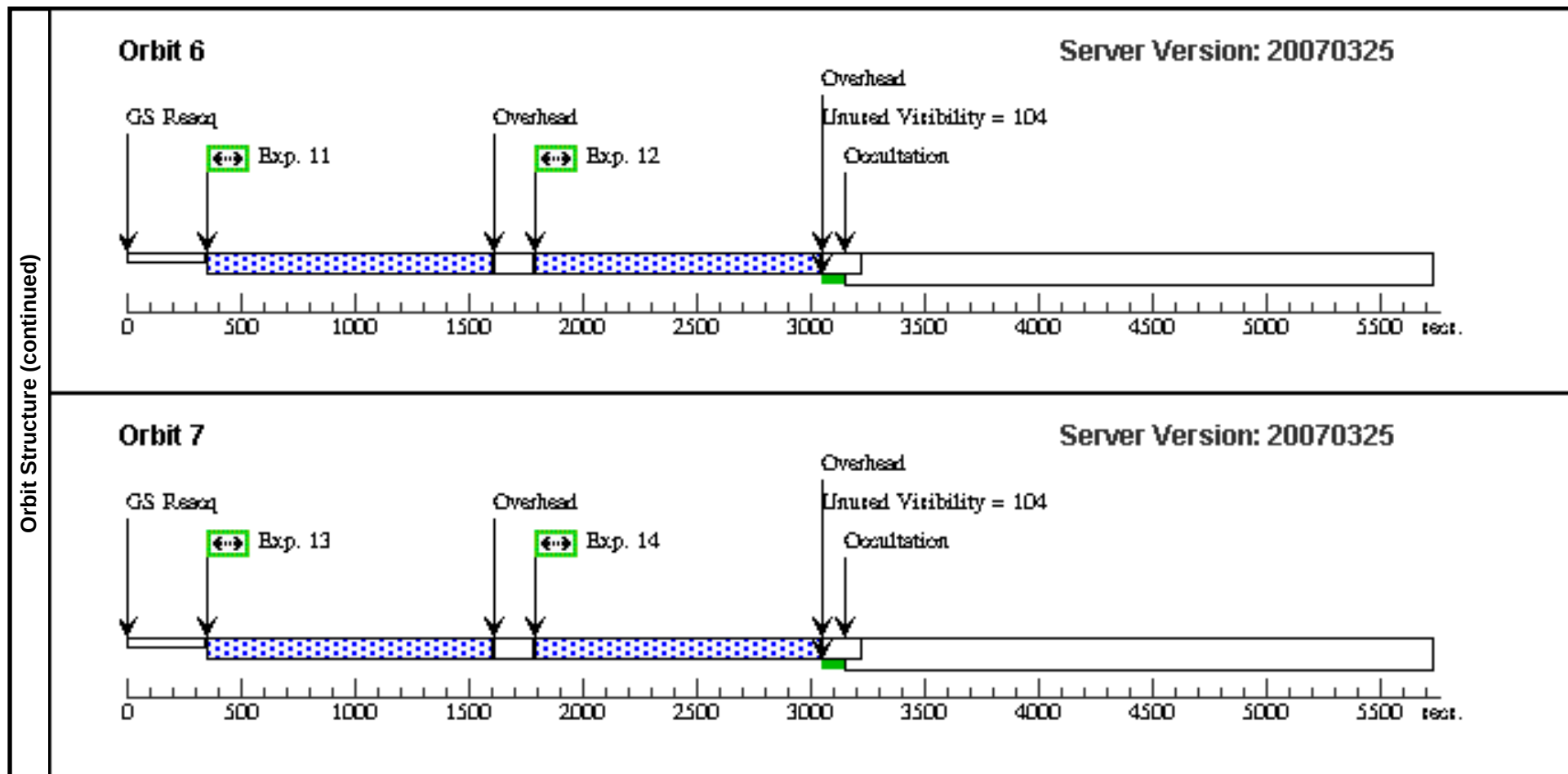
Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	9	B514_A0_V 4	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[5]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	10	B514_A0_I 4	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[5]
	11	B514_A0_V 5	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[6]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	12	B514_A0_I 5	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[6]
	13	B514_A0_V 6	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[7]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	14	B514_A0_I 6	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[7]
	15	B514_A0_V 7	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[8]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	16	B514_A0_I 7	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[8]
	17	B514_A0_V 8	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[9]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	18	B514_A0_I 8	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[9]
	19	B514_A0_V 9	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[10]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	20	B514_A0_I 9	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[10]
	21	B514_A0_V 10	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[11]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	22	B514_A0_I 10	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[11]
	23	B514_A0_V 11	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[12]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									

Proposal 11081 - Visit A0 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	24	B514_A0_I 11	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[12]
	25	B514_A0_V 12	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[13]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	26	B514_A0_I 12	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[13]
	27	B514_A0_V 13	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[14]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	28	B514_A0_I 13	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[14]
	29	B514_A0_V 14	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[15]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	30	B514_A0_I 14	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[15]
Orbit Structure	Orbit 1 Server Version: 20070325 Unused Visibility = 104									



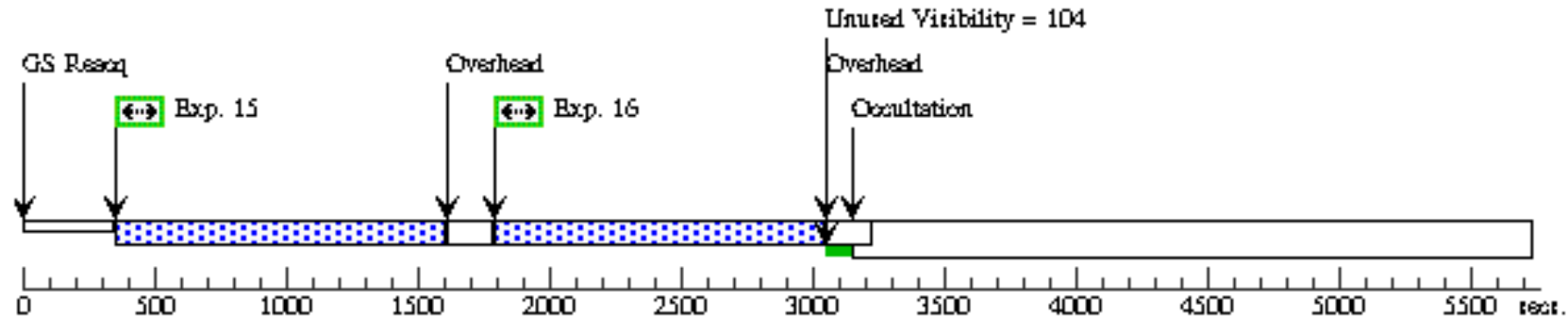




Orbit Structure (continued)

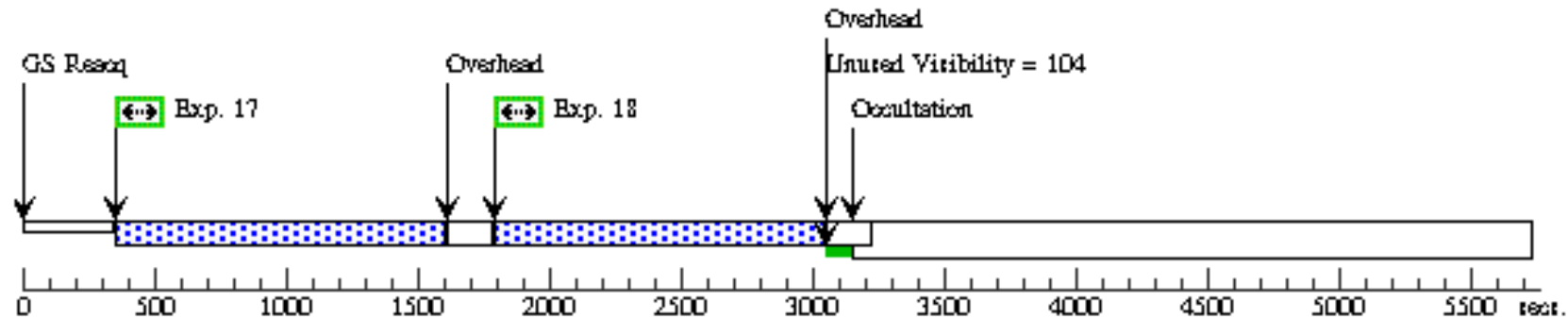
Orbit 8

Server Version: 20070325



Orbit 9

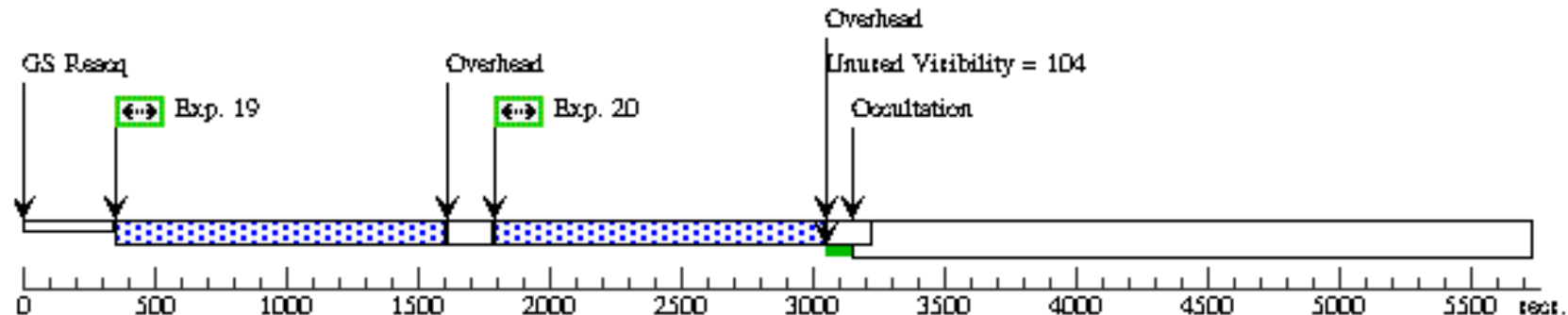
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Orbit Structure (continued)

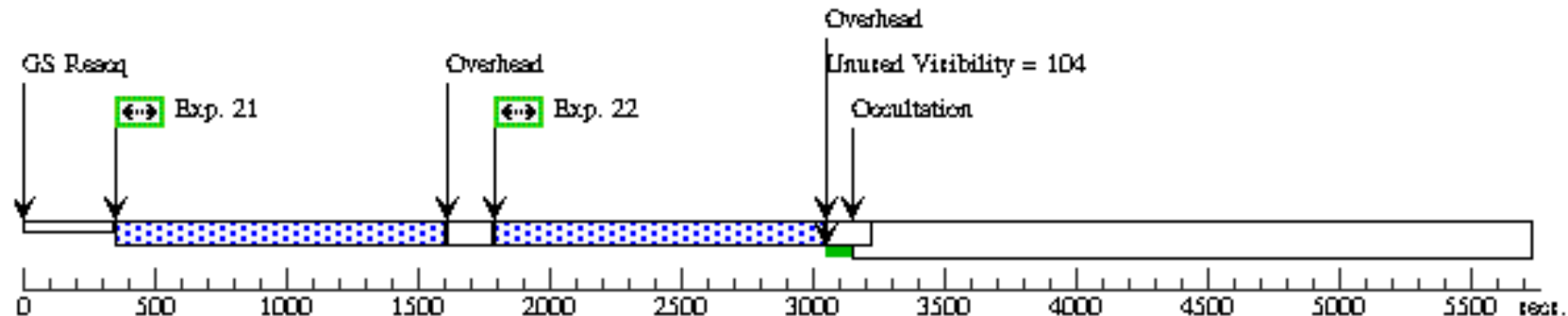
Orbit 10

Server Version: 20070325



Orbit 11

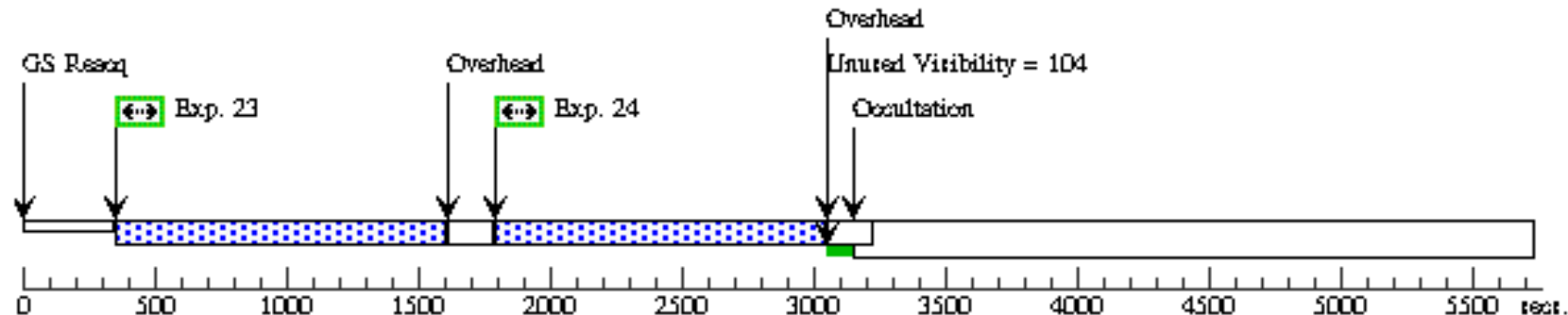
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Orbit Structure (continued)

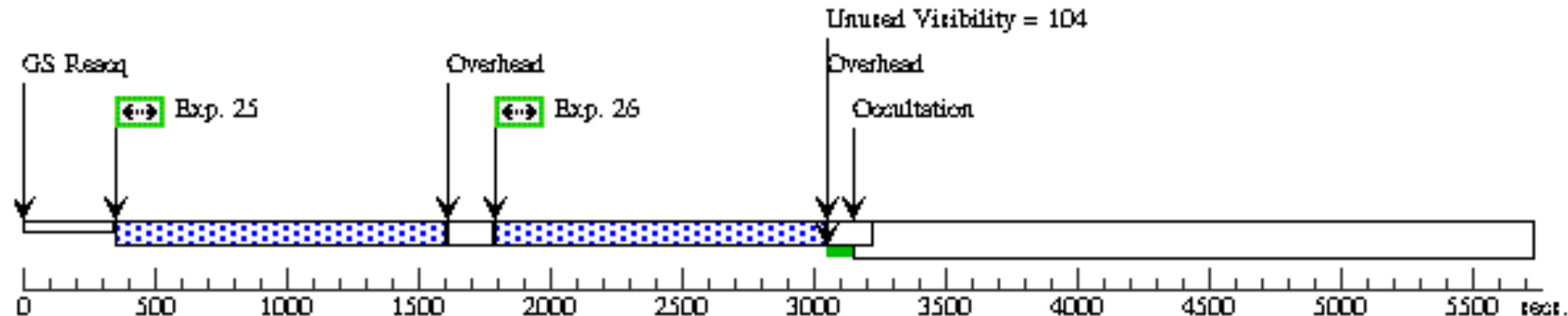
Orbit 12

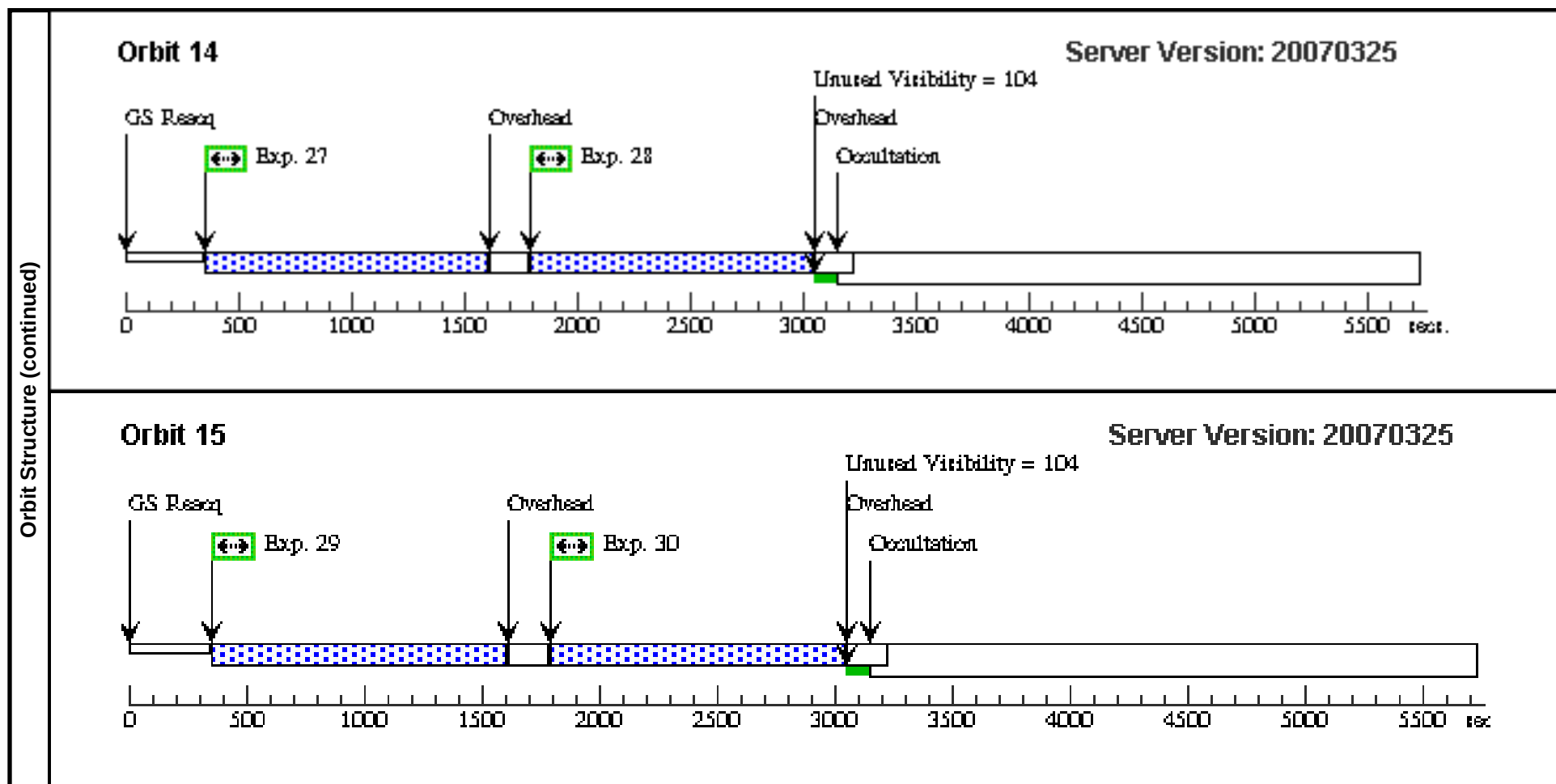
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Orbit 13

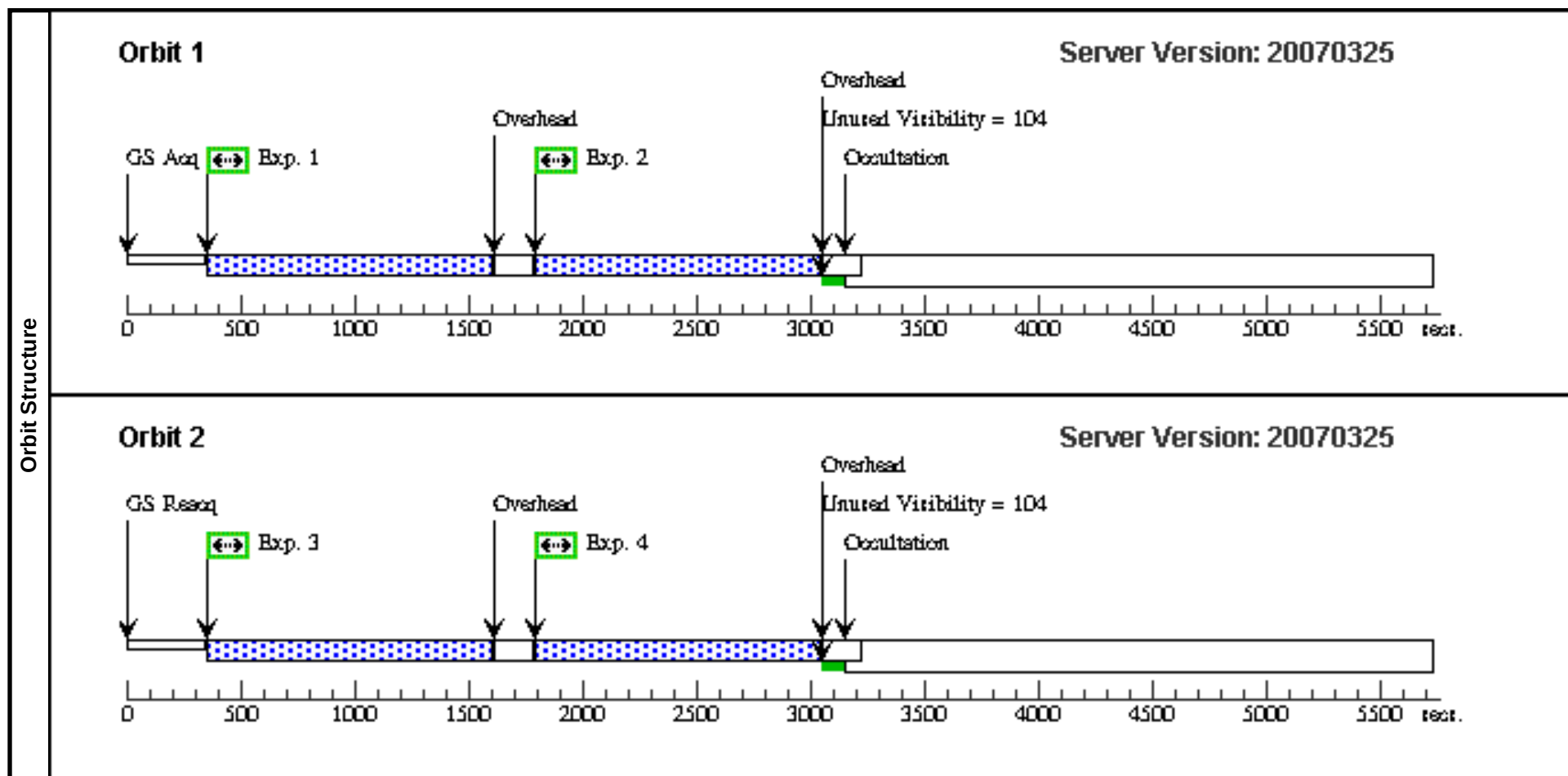
Server Version: 20070325





Proposal 11081 - Visit A1 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

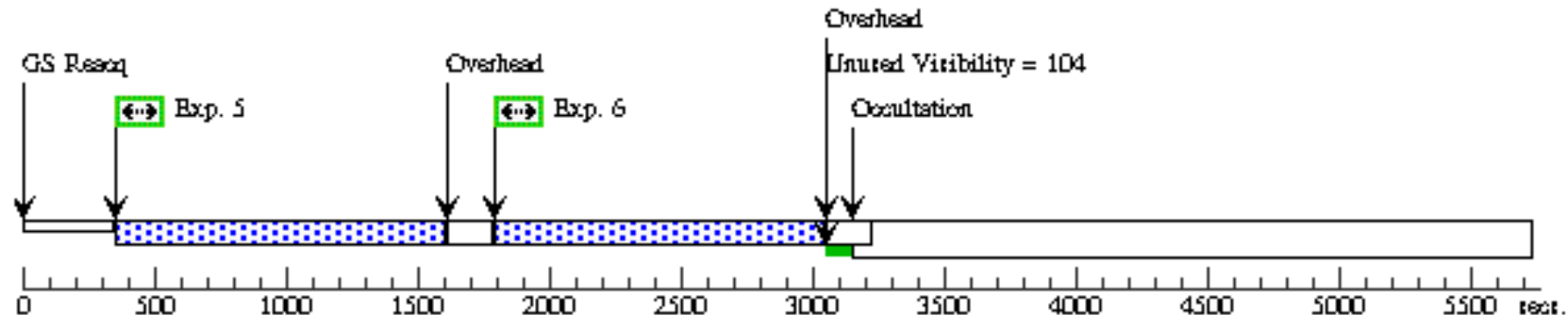
Visit	Proposal 11081, Visit A1, completed Fri Jul 06 01:15:31 GMT 2007									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: ON HOLD <i>On Hold Comments: Execute either visit A0 or visits A1-A3. Visit A0 is preferred.</i>									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	B514	RA: 00 31 9.8000 (7.7908333d) Dec: +37 53 59.60 (37.89989d) Equinox: J2000		V=15.7+/-0.2	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B514_A1_V 0	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[1]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	2	B514_A1_I 0	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[1]
	3	B514_A1_V 1	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[2]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	4	B514_A1_I 1	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[2]
	5	B514_A1_V 2	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[3]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	6	B514_A1_I 2	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[3]
	7	B514_A1_V 3	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[4]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	8	B514_A1_I 3	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[4]
	9	B514_A1_V 4	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[5]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	10	B514_A1_I 4	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[5]



Orbit Structure (continued)

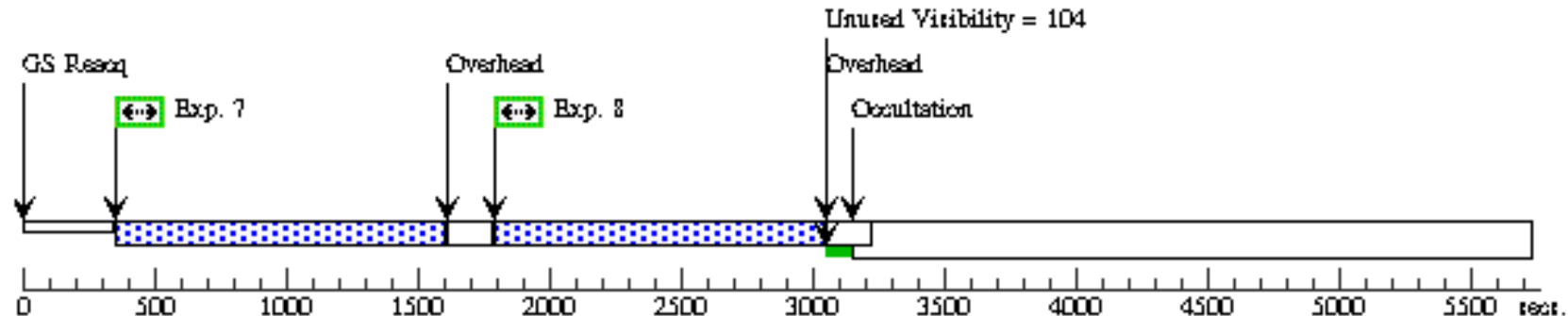
Orbit 3

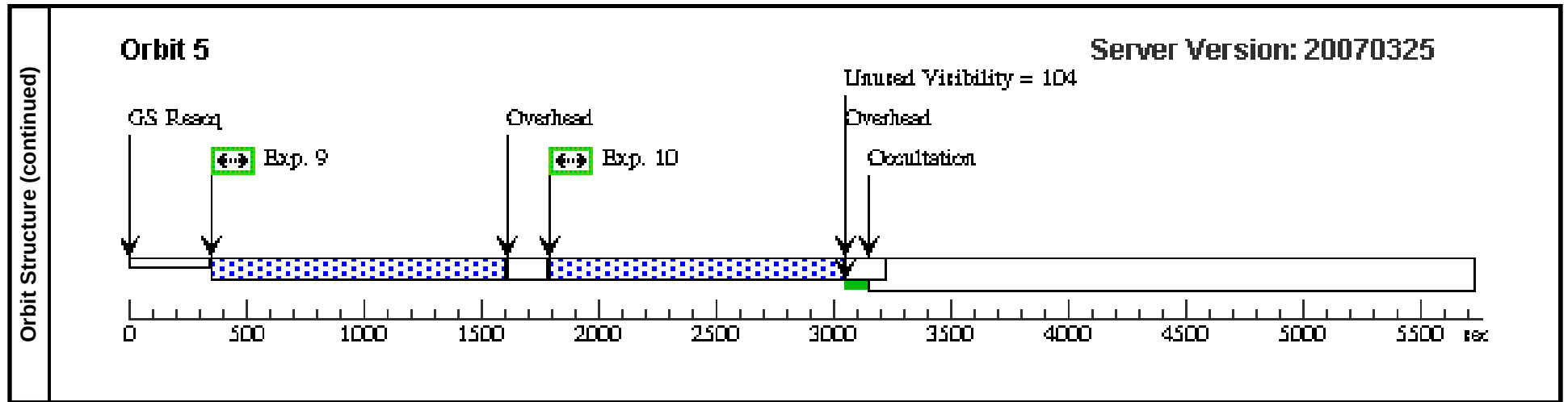
Server Version: 20070325



Orbit 4

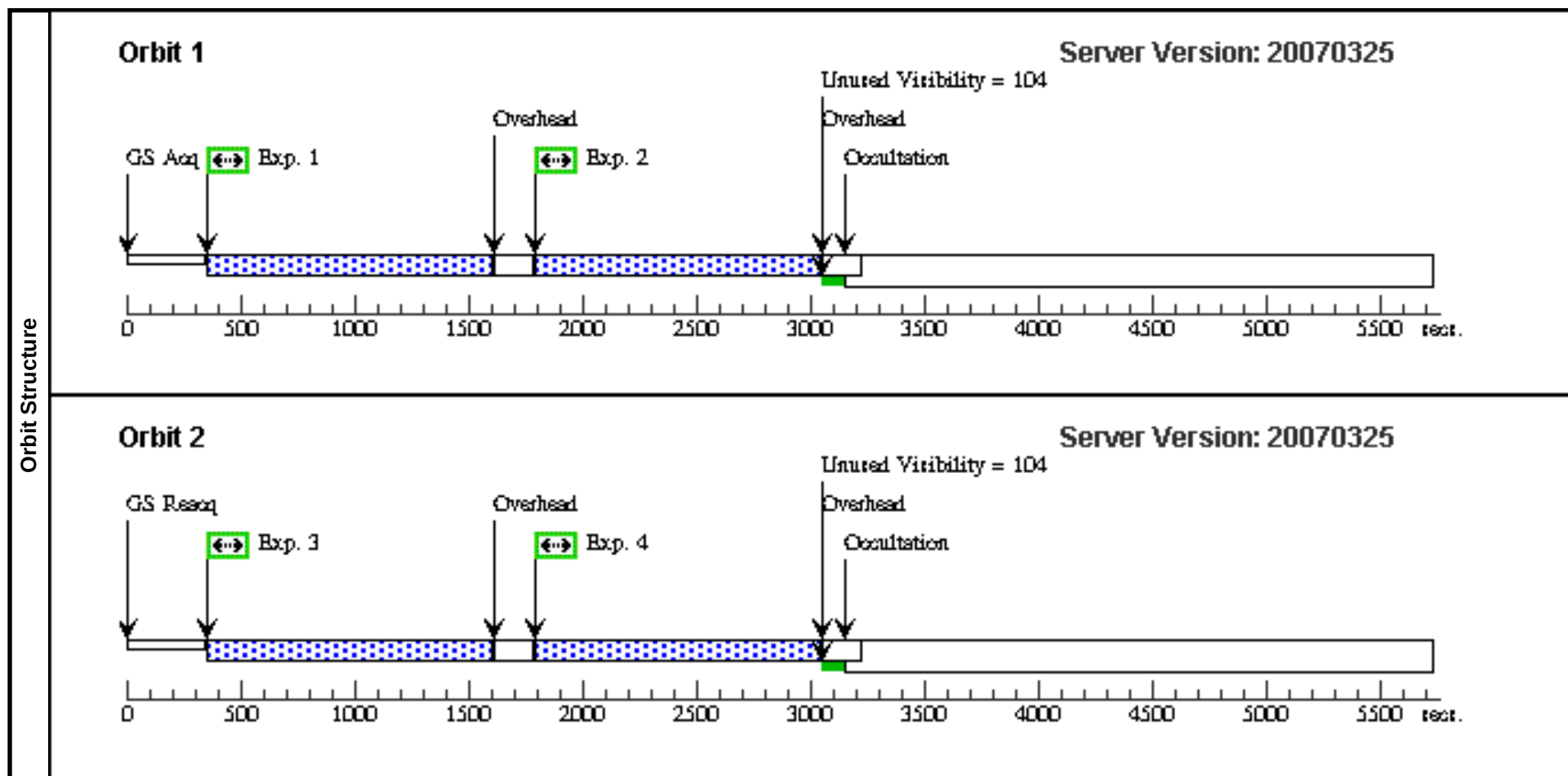
Server Version: 20070325

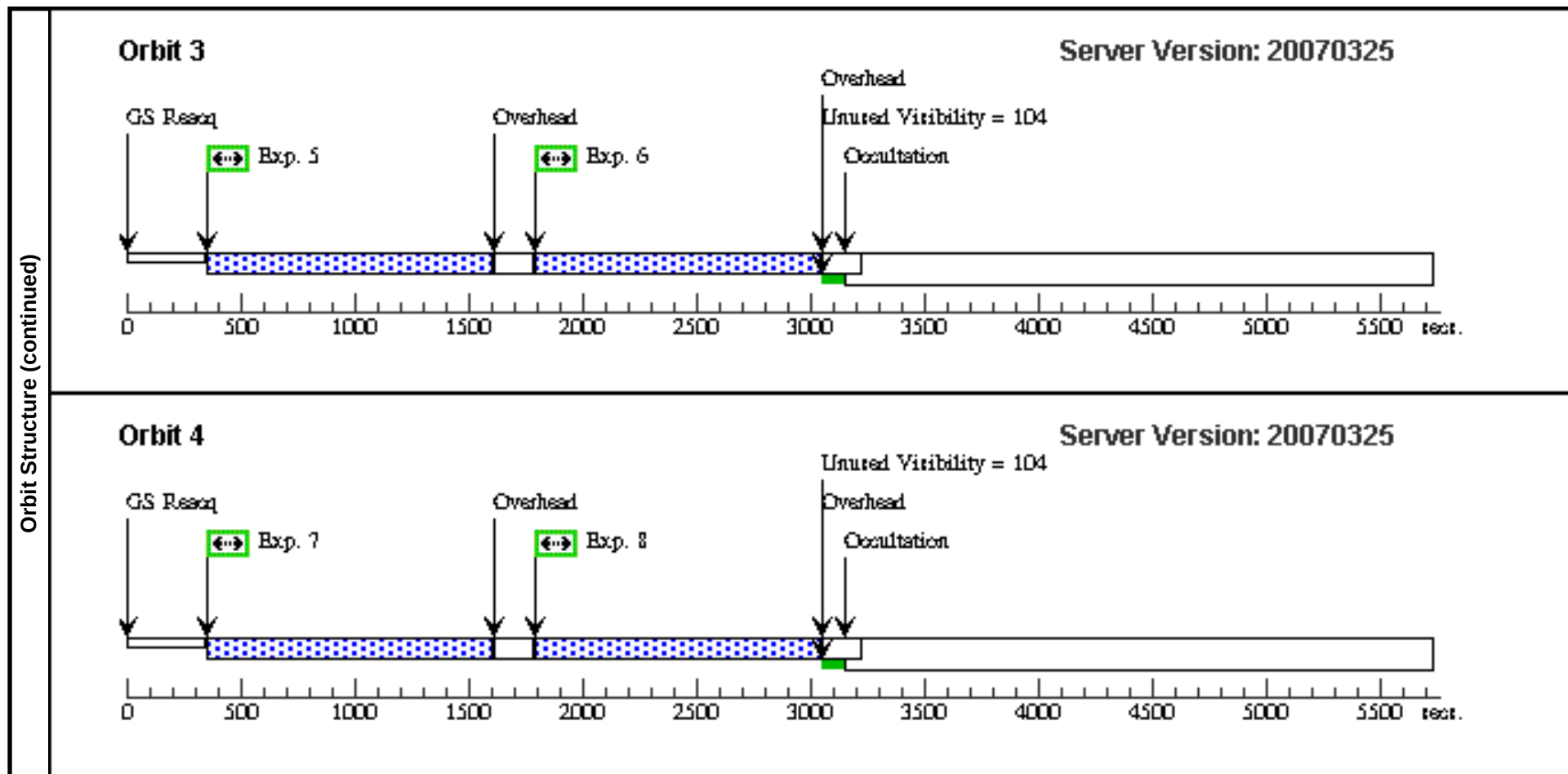


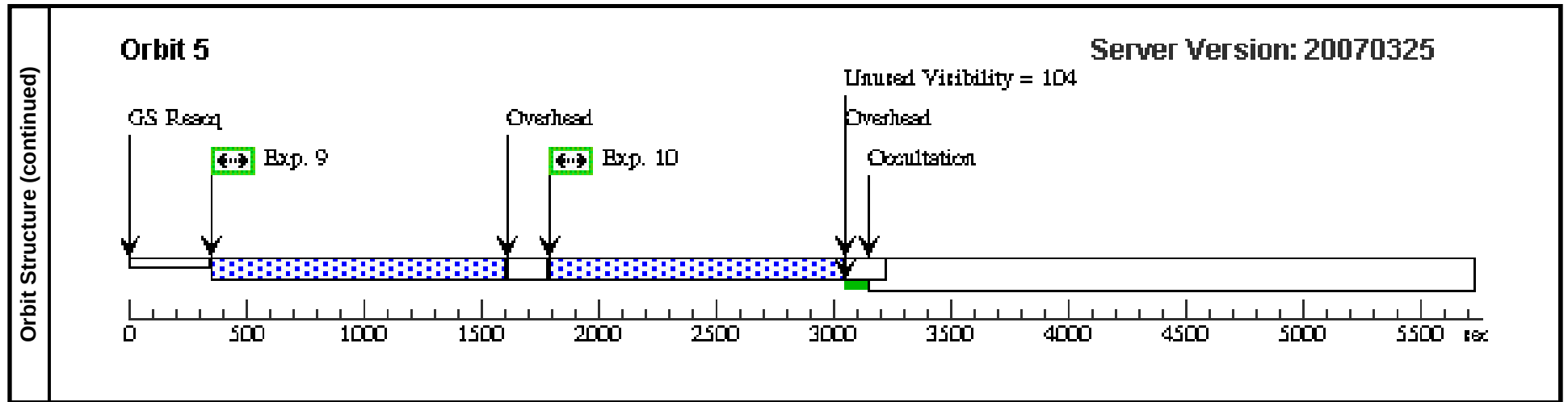


Proposal 11081 - Visit A2 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

Visit	Proposal 11081, Visit A2, completed Fri Jul 06 01:15:31 GMT 2007									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: SAME ORIENT AS A1; AFTER A1 BY 0 Orbits TO 11 Orbits; ON HOLD Comments: Minimize time between A1 and A2. On Hold Comments: Execute either visit A0 or visits A1-A3. Visit A0 is preferred.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	B514	RA: 00 31 9.8000 (7.7908333d) Dec: +37 53 59.60 (37.89989d) Equinox: J2000		V=15.7+/-0.2	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B514_A2_V 5	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[1]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	2	B514_A2_I 5	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[1]
	3	B514_A2_V 6	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[2]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	4	B514_A2_I 6	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[2]
	5	B514_A2_V 7	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[3]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	6	B514_A2_I 7	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[3]
	7	B514_A2_V 8	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[4]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	8	B514_A2_I 8	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[4]
	9	B514_A2_V 9	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[5]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	10	B514_A2_I 9	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[5]

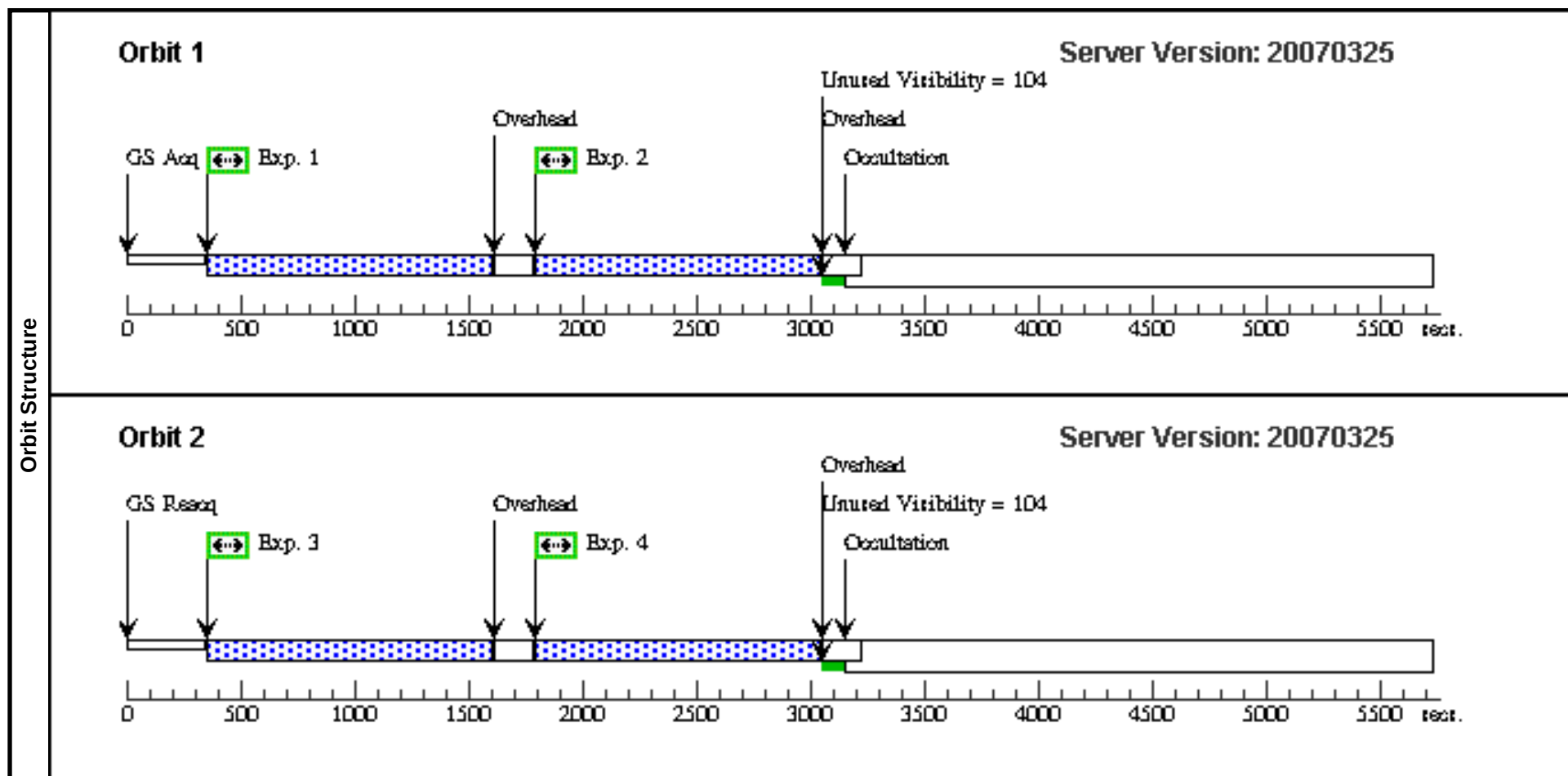






Proposal 11081 - Visit A3 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

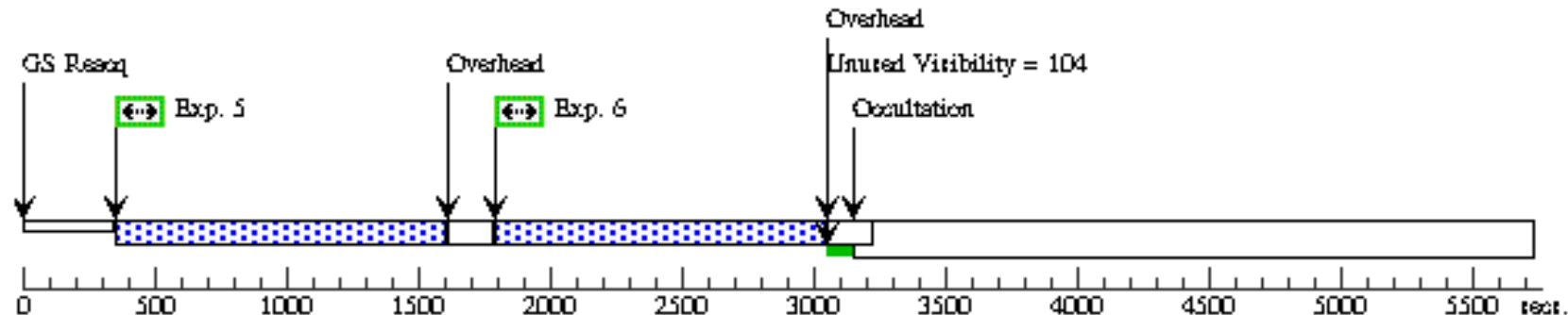
Visit	Proposal 11081, Visit A3, completed Fri Jul 06 01:15:32 GMT 2007									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: SAME ORIENT AS A1; AFTER A2 BY 0 Orbits TO 11 Orbits; ON HOLD Comments: Minimize time between A2 and A3. On Hold Comments: Execute either visit A0 or visits A1-A3. Visit A0 is preferred.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	B514	RA: 00 31 9.8000 (7.7908333d) Dec: +37 53 59.60 (37.89989d) Equinox: J2000		V=15.7+/-0.2	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B514_A3_V 10	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[1]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	2	B514_A3_I 10	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[1]
	3	B514_A3_V 11	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[2]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	4	B514_A3_I 11	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[2]
	5	B514_A3_V 12	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[3]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	6	B514_A3_I 12	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[3]
	7	B514_A2_V 13	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[4]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	8	B514_A3_I 13	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[4]
	9	B514_A3_V 14	(6) B514	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[5]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	10	B514_A3_I 14	(6) B514	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO			1100.0 Secs [==>]	[5]



Orbit Structure (continued)

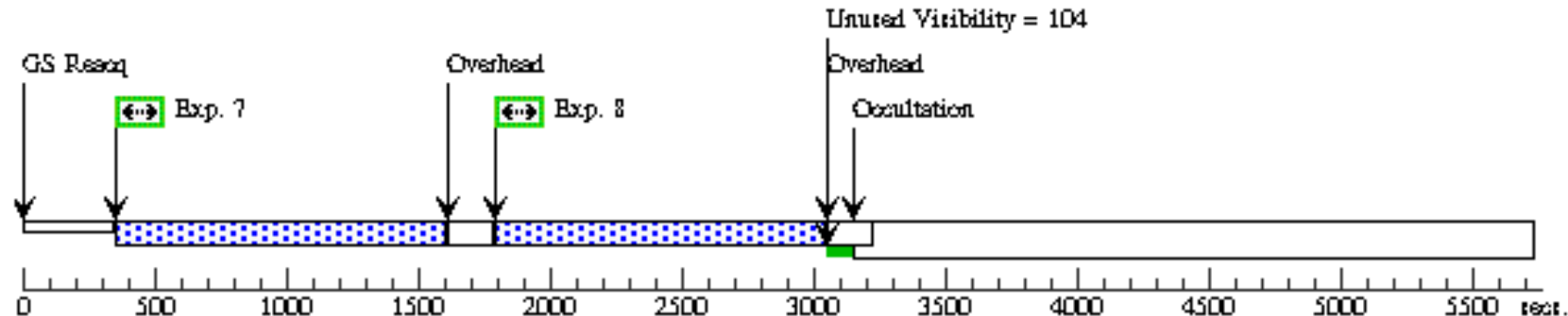
Orbit 3

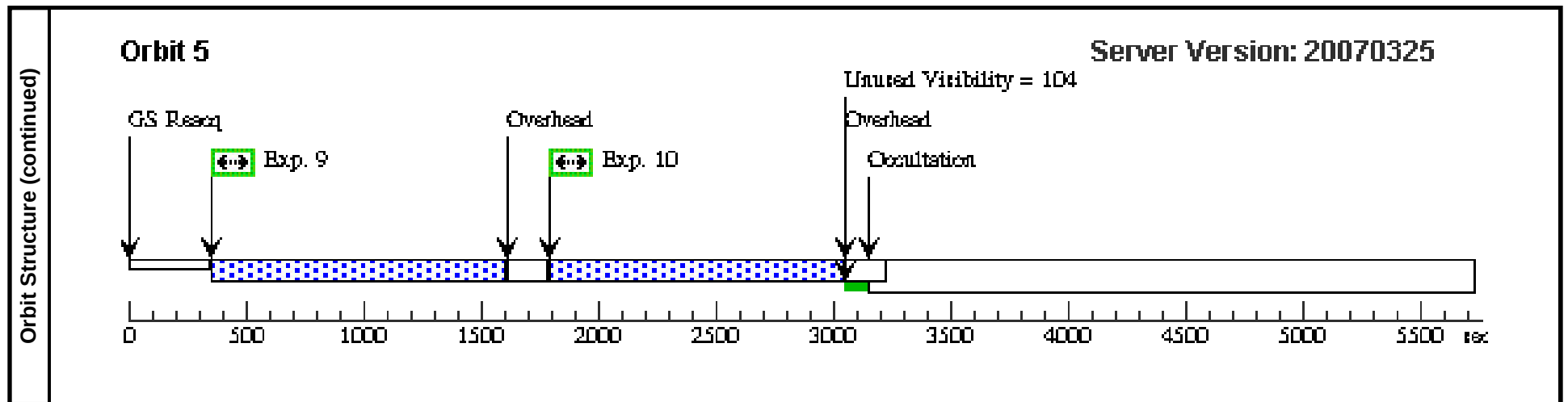
Server Version: 20070325



Orbit 4

Server Version: 20070325



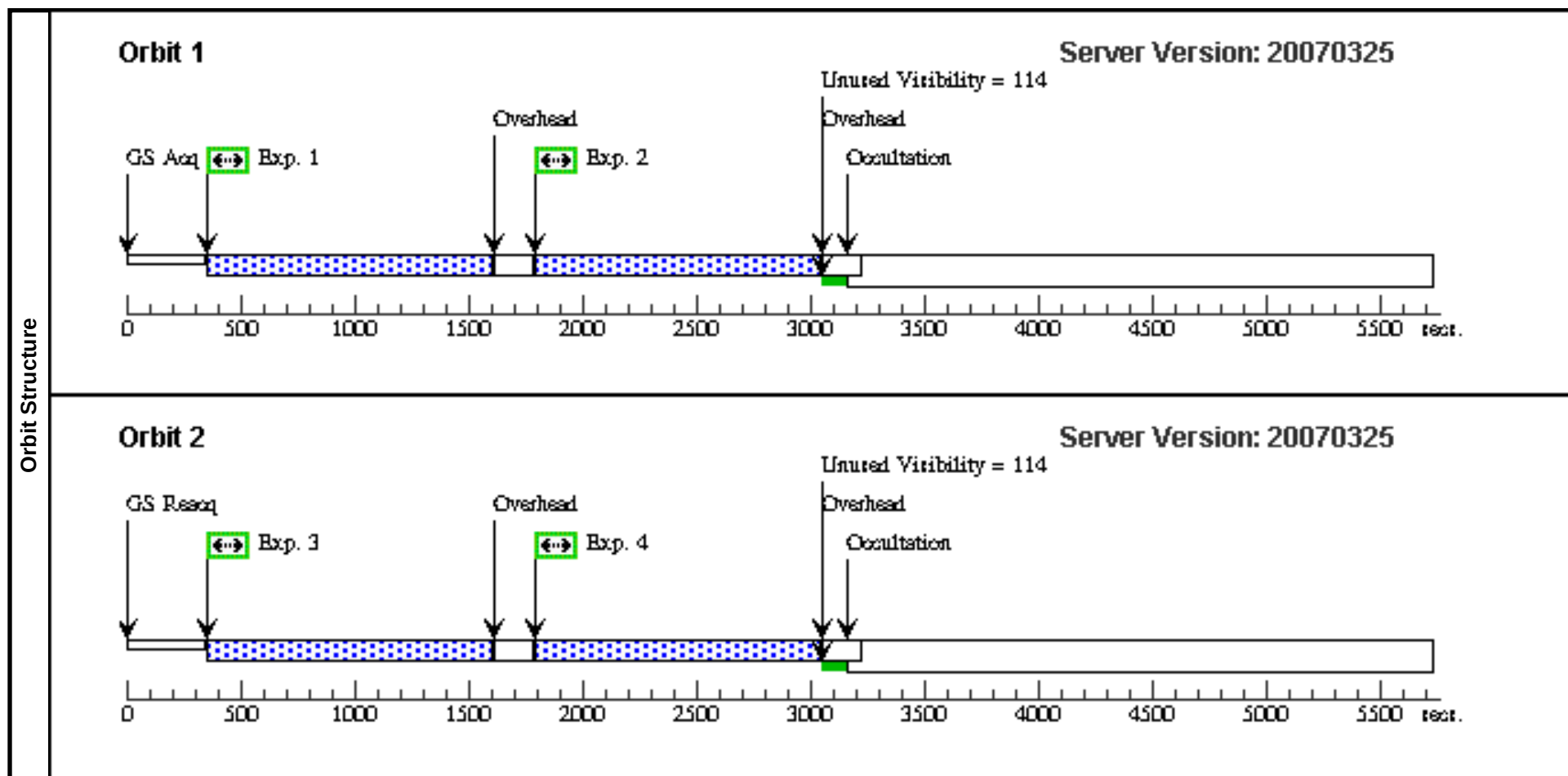


Proposal 11081 - Visit B0 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

Visit	Proposal 11081, Visit B0, scheduling Fri Jul 06 01:15:33 GMT 2007									
	Diagnostic Status: Warning Scientific Instruments: WFPC2 Special Requirements: ON HOLD <i>On Hold Comments: Execute either visit B0 or visits B1-B3. Visit B0 is preferred.</i>									
Diagnostics	(Visit B0) Warning: LONG SU LIKELY TO INTERSECT THE SAA									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	G322	RA: 00 46 27.0100 (11.6125417d) Dec: +42 01 52.76 (42.03132d) Equinox: J2000		V=15.58+/-0.2	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	G322_B0_V 0	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	2	G322_B0_I 0	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	3	G322_B0_V 1	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	4	G322_B0_I 1	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	5	G322_B0_V 2	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	6	G322_B0_I 2	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	7	G322_B0_V 3	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	8	G322_B0_I 3	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]

Proposal 11081 - Visit B0 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

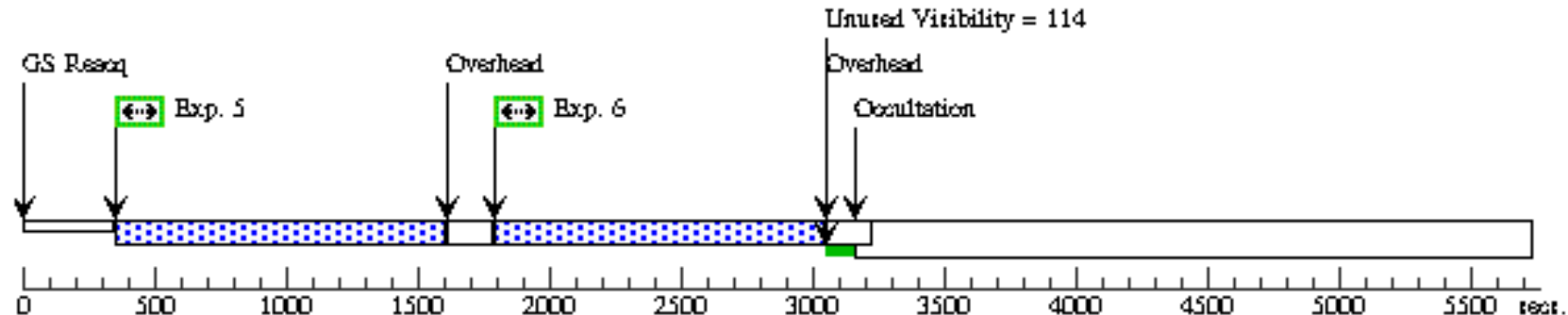
Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	9	G322_B0_V 4	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-Int	1100.0 Secs [==>]	[5]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	10	G322_B0_I 4	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-Int	1100.0 Secs [==>]	[5]
	11	G322_B0_V 5	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 11-12 Non-Int	1100.0 Secs [==>]	[6]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	12	G322_B0_I 5	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 11-12 Non-Int	1100.0 Secs [==>]	[6]
	13	G322_B0_V 6	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 13-14 Non-Int	1100.0 Secs [==>]	[7]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	14	G322_B0_I 6	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 13-14 Non-Int	1100.0 Secs [==>]	[7]
	15	G322_B0_V 7	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 15-16 Non-Int	1100.0 Secs [==>]	[8]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	16	G322_B0_I 7	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 15-16 Non-Int	1100.0 Secs [==>]	[8]
	17	G322_B0_V 8	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 17-18 Non-Int	1100.0 Secs [==>]	[9]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	18	G322_B0_I 8	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 17-18 Non-Int	1100.0 Secs [==>]	[9]
	19	G322_B0_V 9	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 19-20 Non-Int	1100.0 Secs [==>]	[10]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	20	G322_B0_I 9	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 19-20 Non-Int	1100.0 Secs [==>]	[10]
	21	G322_B0_V 10	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 21-22 Non-Int	1100.0 Secs [==>]	[11]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	22	G322_B0_I 10	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 21-22 Non-Int	1100.0 Secs [==>]	[11]



Orbit Structure (continued)

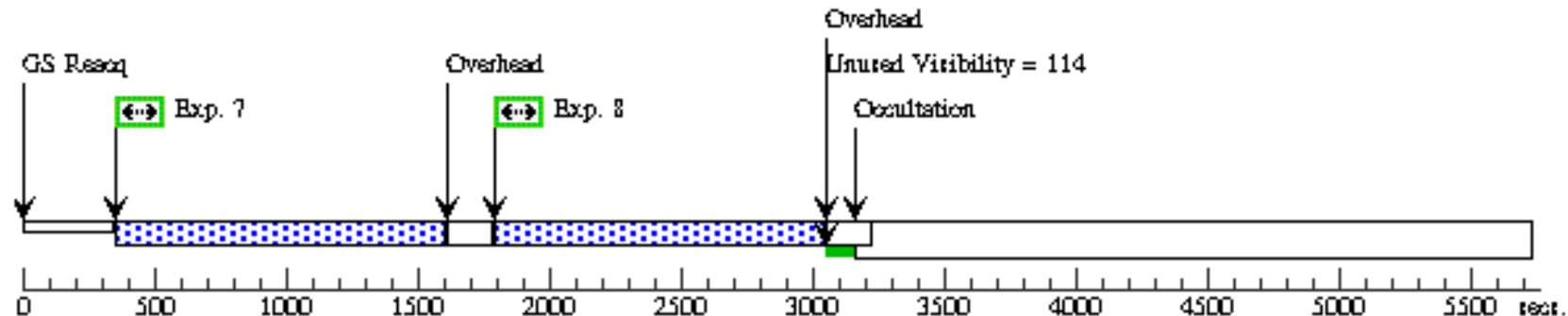
Orbit 3

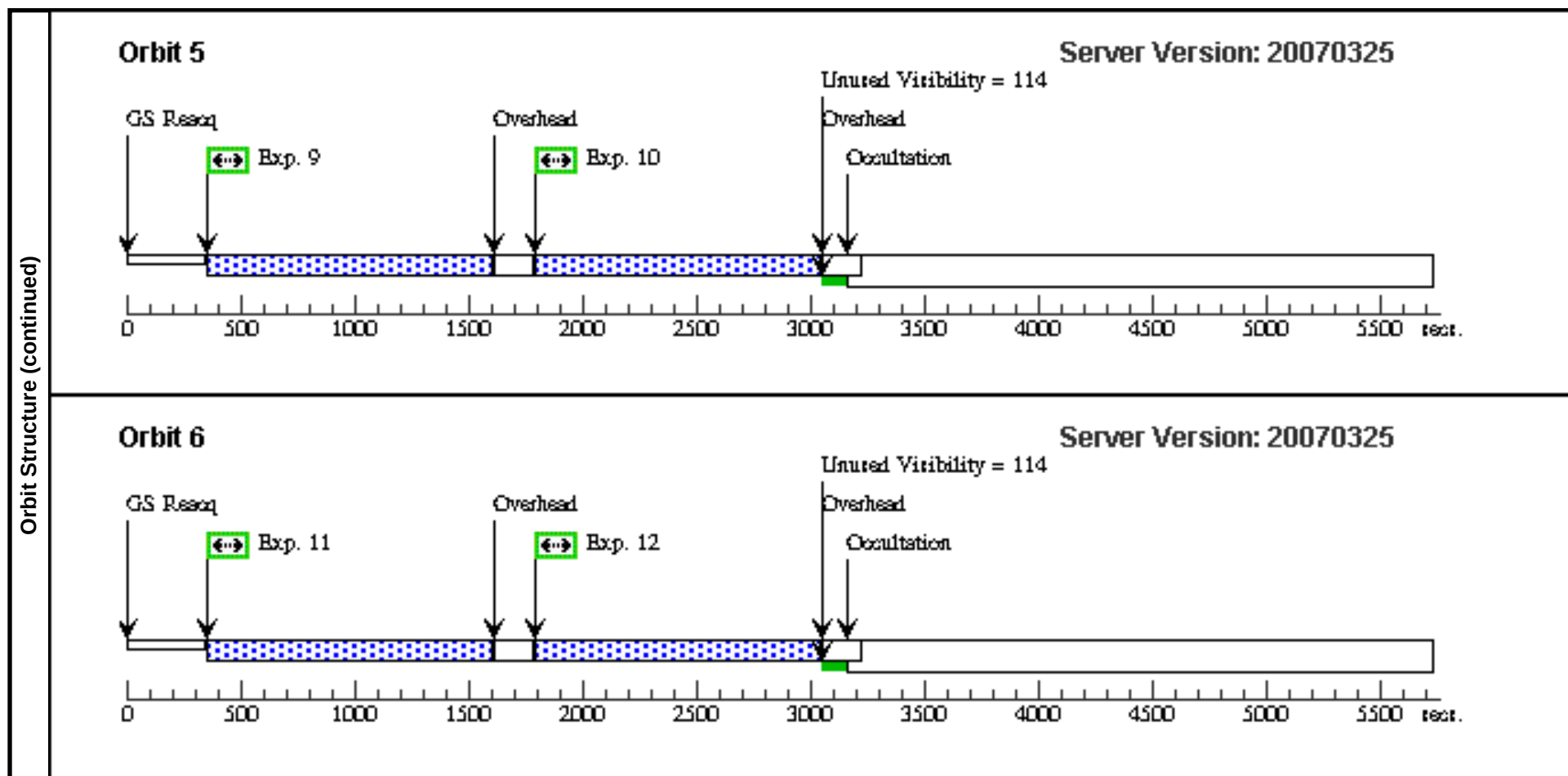
Server Version: 20070325

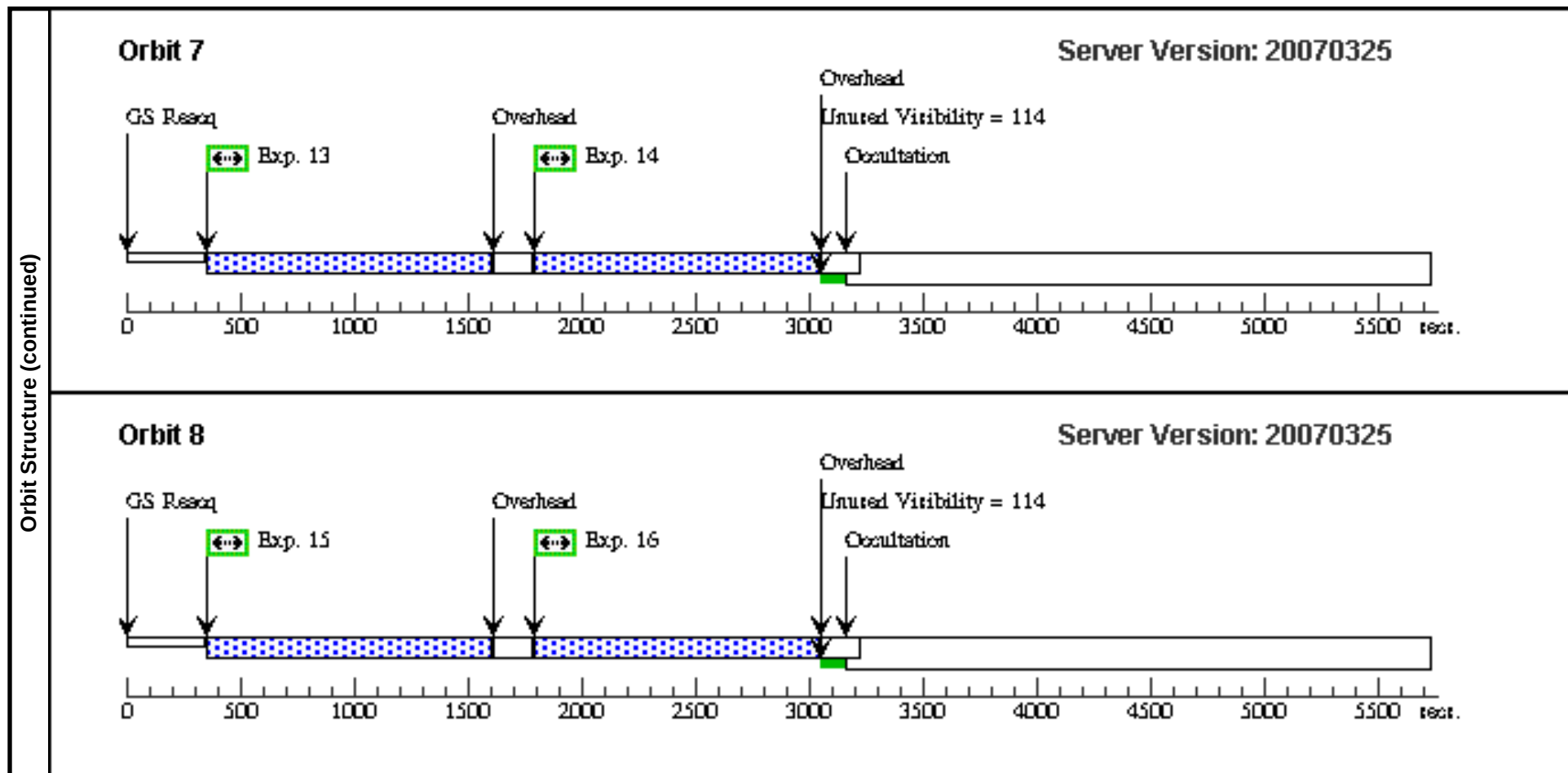


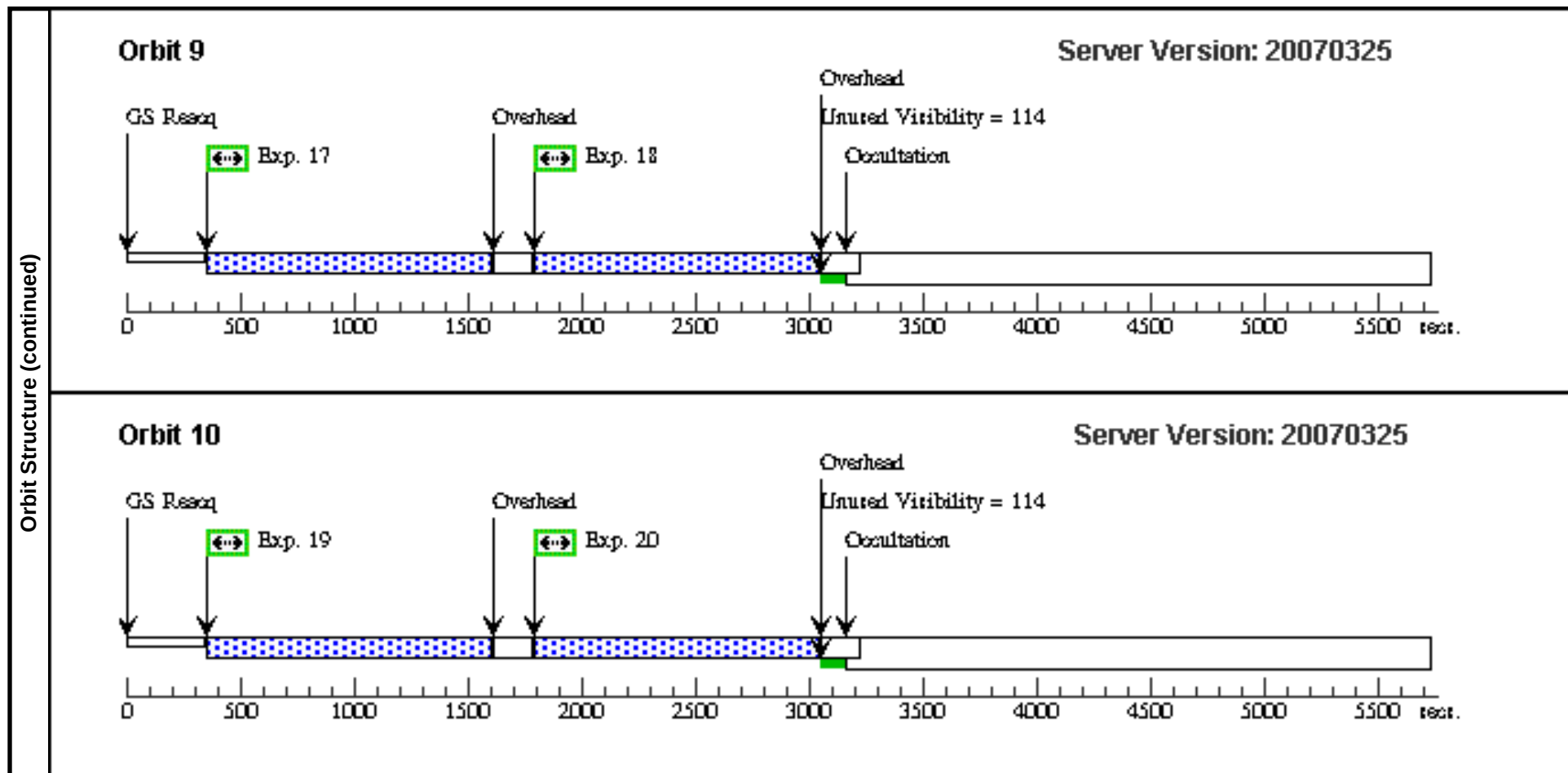
Orbit 4

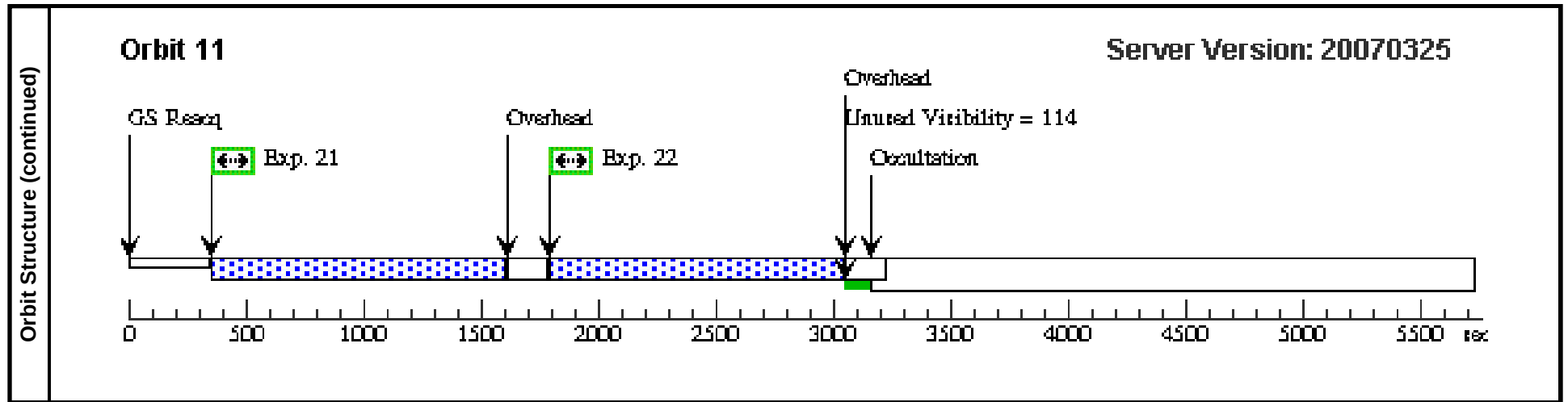
Server Version: 20070325





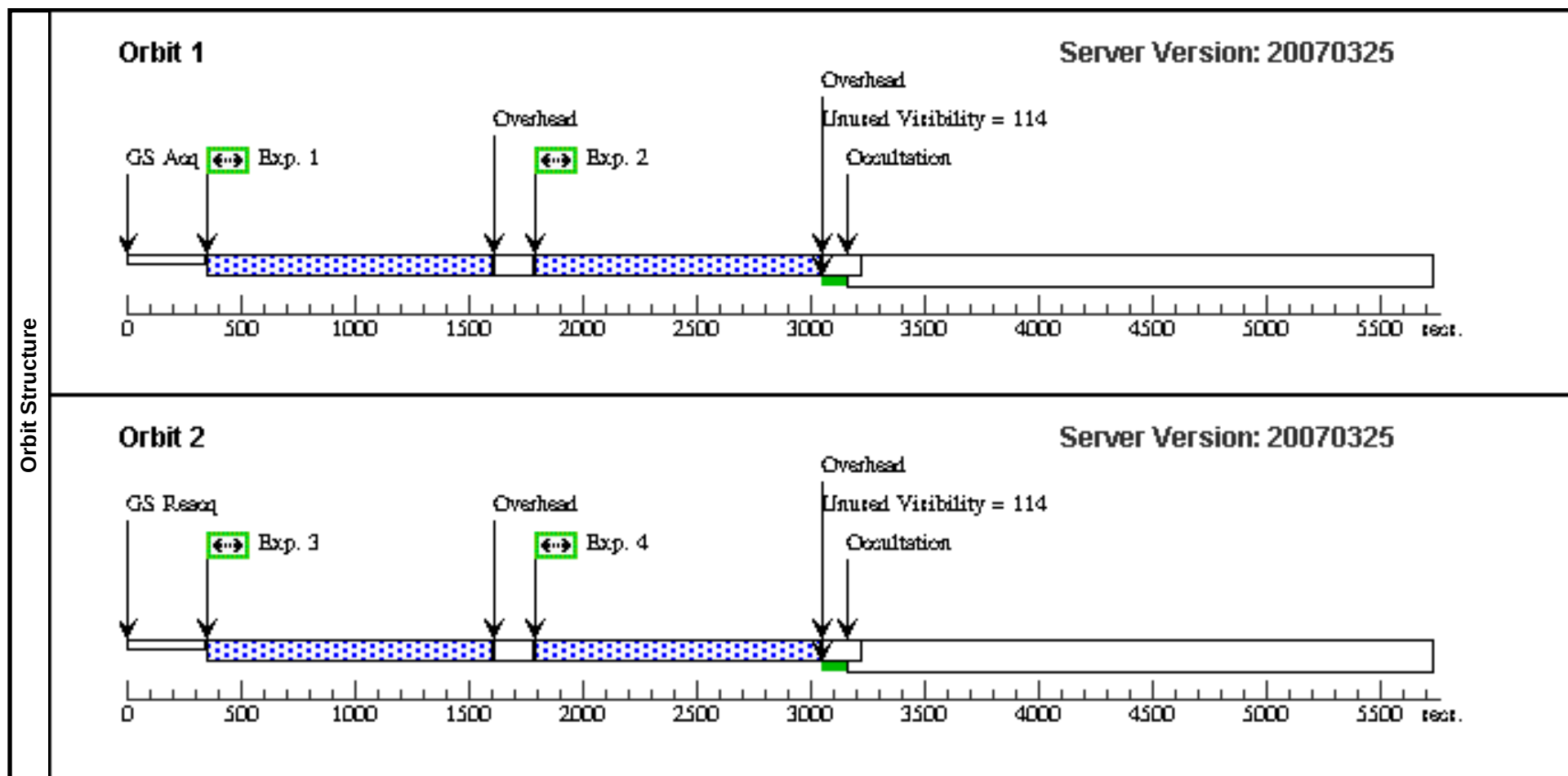


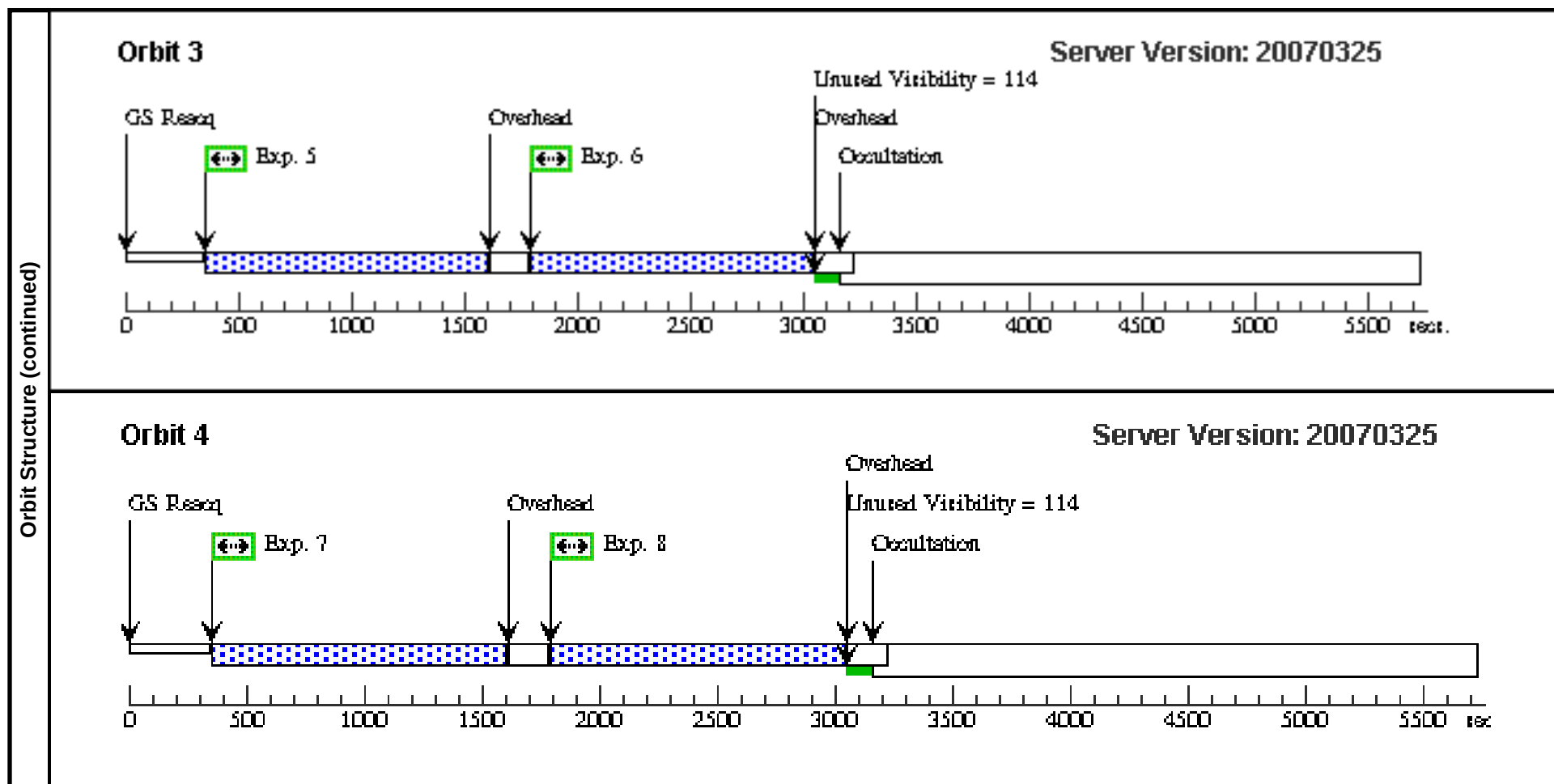




Proposal 11081 - Visit B1 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

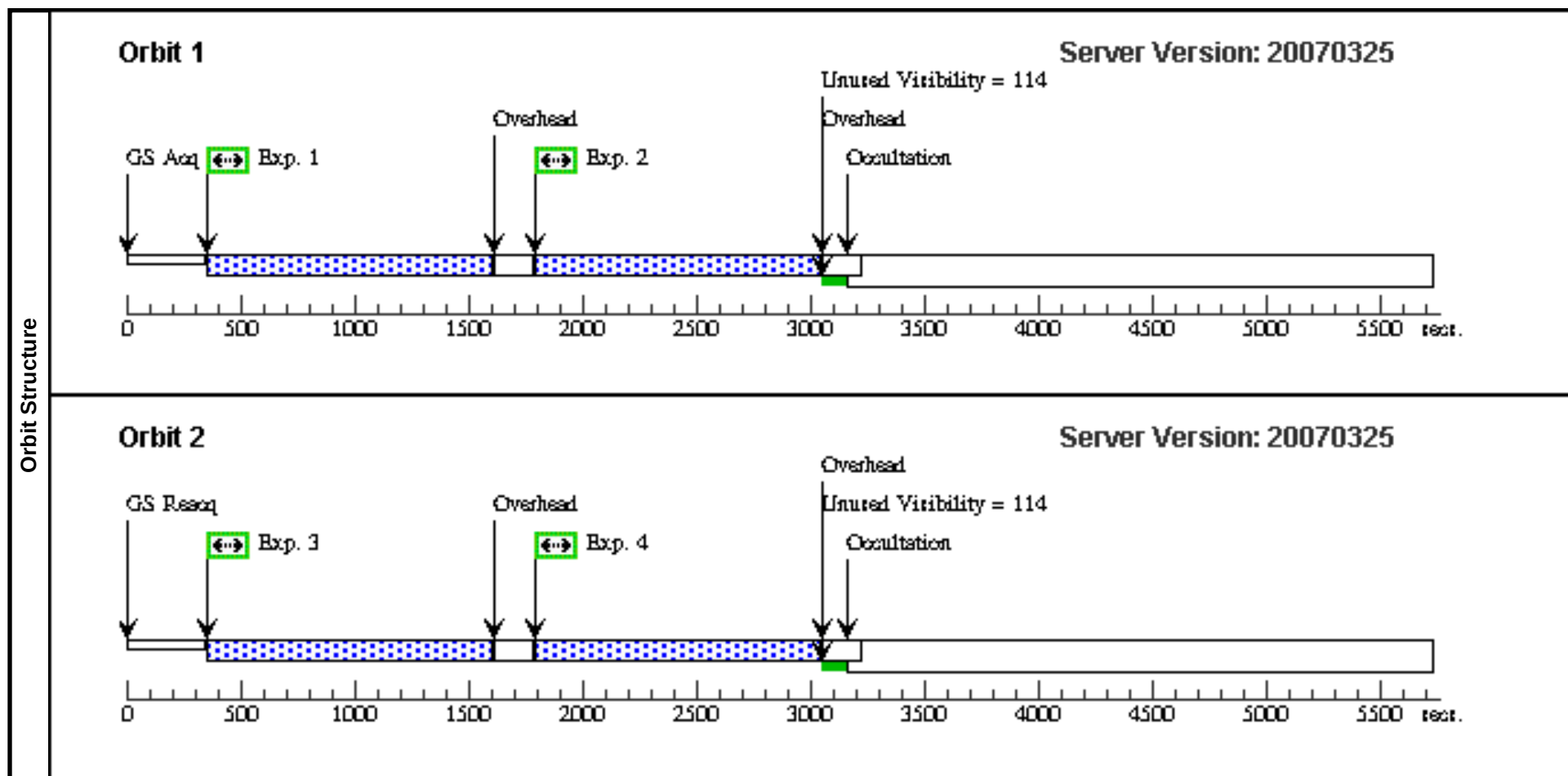
Visit	Proposal 11081, Visit B1, implementation Fri Jul 06 01:15:34 GMT 2007									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: ON HOLD <i>On Hold Comments: Execute either visit B0 or visits B1-B3. Visit B0 is preferred.</i>									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	G322	RA: 00 46 27.0100 (11.6125417d) Dec: +42 01 52.76 (42.03132d) Equinox: J2000		V=15.58+/-0.2	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	G322_B1_V 0	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	2	G322_B1_I 0	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	3	G322_B1_V 1	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	4	G322_B1_I 1	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	5	G322_B1_V 2	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	6	G322_B1_I 2	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	7	G322_B1_V 3	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	8	G322_B1_I 3	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]

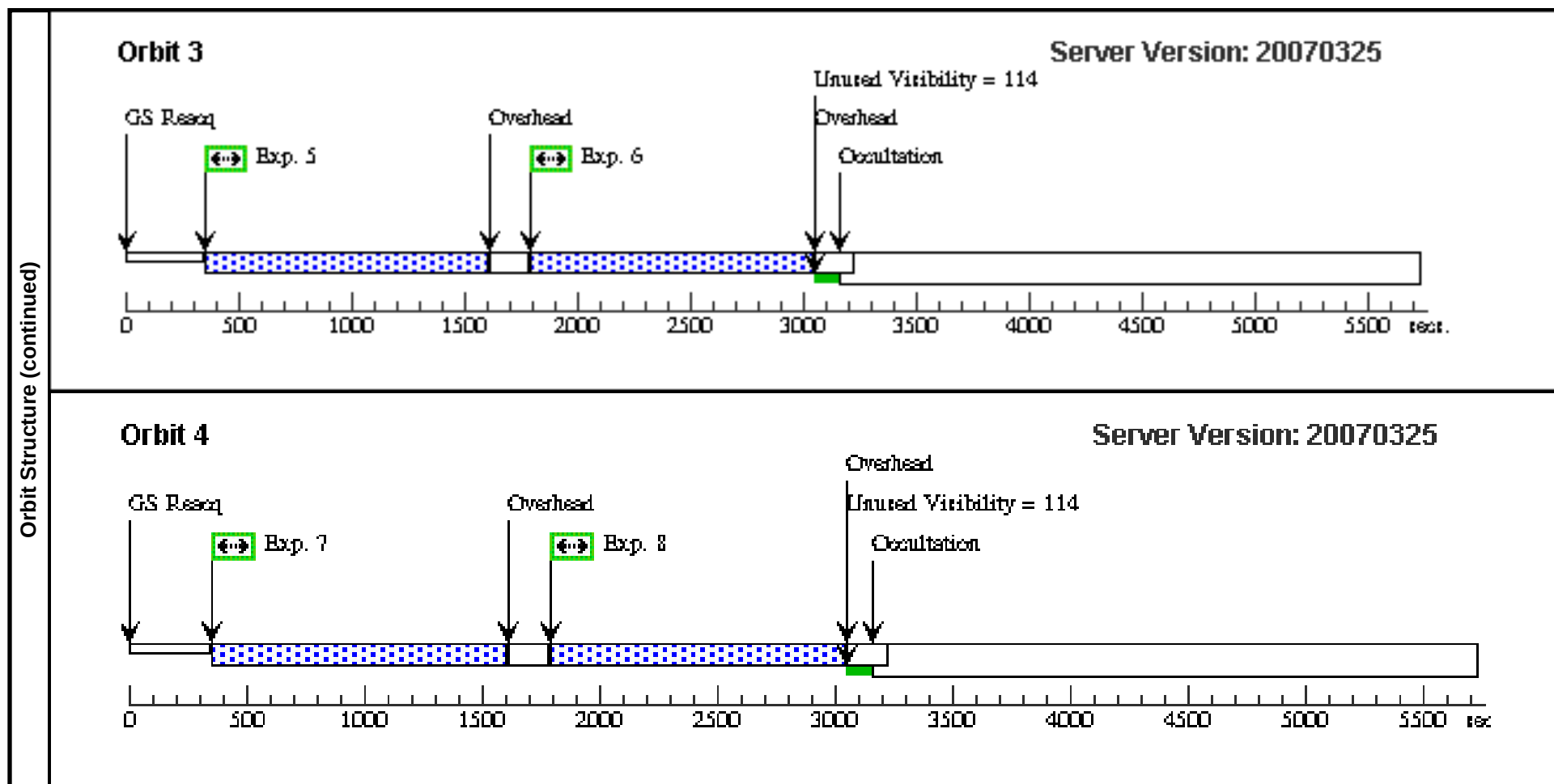




Proposal 11081 - Visit B2 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

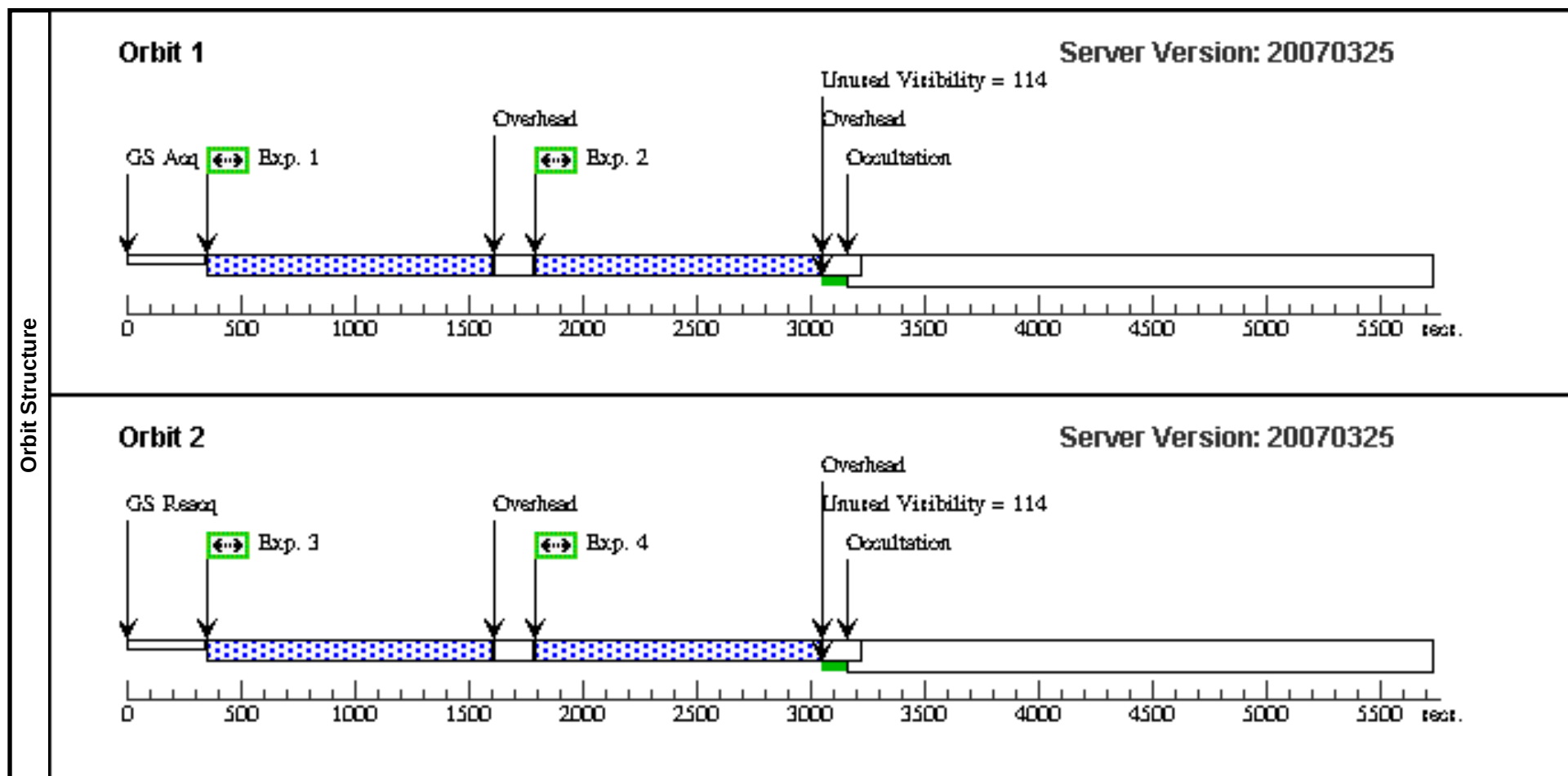
Visit	Proposal 11081, Visit B2, implementation Fri Jul 06 01:15:35 GMT 2007									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: SAME ORIENT AS B1; AFTER B1 BY 0 Orbits TO 10 Orbits; ON HOLD Comments: Minimize time between B1 and B2. On Hold Comments: Execute either visit B0 or visits B1-B3. Visit B0 is preferred.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	G322	RA: 00 46 27.0100 (11.6125417d) Dec: +42 01 52.76 (42.03132d) Equinox: J2000		V=15.58+/-0.2	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	G322_B2_V 4	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	2	G322_B2_I 4	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	3	G322_B2_V 5	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	4	G322_B2_I 5	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	5	G322_B2_V 6	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	6	G322_B2_I 6	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	7	G322_B2_V 7	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	8	G322_B2_I 7	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]

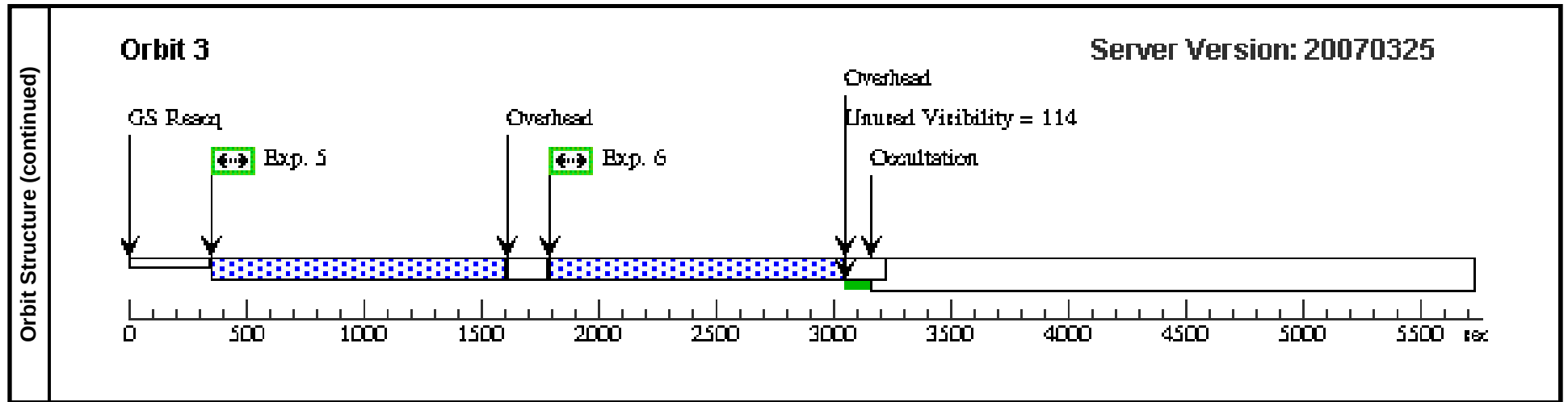




Proposal 11081 - Visit B3 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

Visit	Proposal 11081, Visit B3, implementation Fri Jul 06 01:15:35 GMT 2007									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: SAME ORIENT AS B1; AFTER B2 BY 0 Orbits TO 10 Orbits; ON HOLD Comments: Minimize time between B2 and B3. On Hold Comments: Execute either visit B0 or visits B1-B3. Visit B0 is preferred.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	G322	RA: 00 46 27.0100 (11.6125417d) Dec: +42 01 52.76 (42.03132d) Equinox: J2000		V=15.58+/-0.2	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	G322_B3_V 8	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	 [1]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	2	G322_B3_I 8	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	 [1]
	3	G322_B3_V 9	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	 [2]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	4	G322_B3_I 9	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	 [2]
	5	G322_B3_V 10	(4) G322	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	 [3]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	6	G322_B3_I 10	(4) G322	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	 [3]



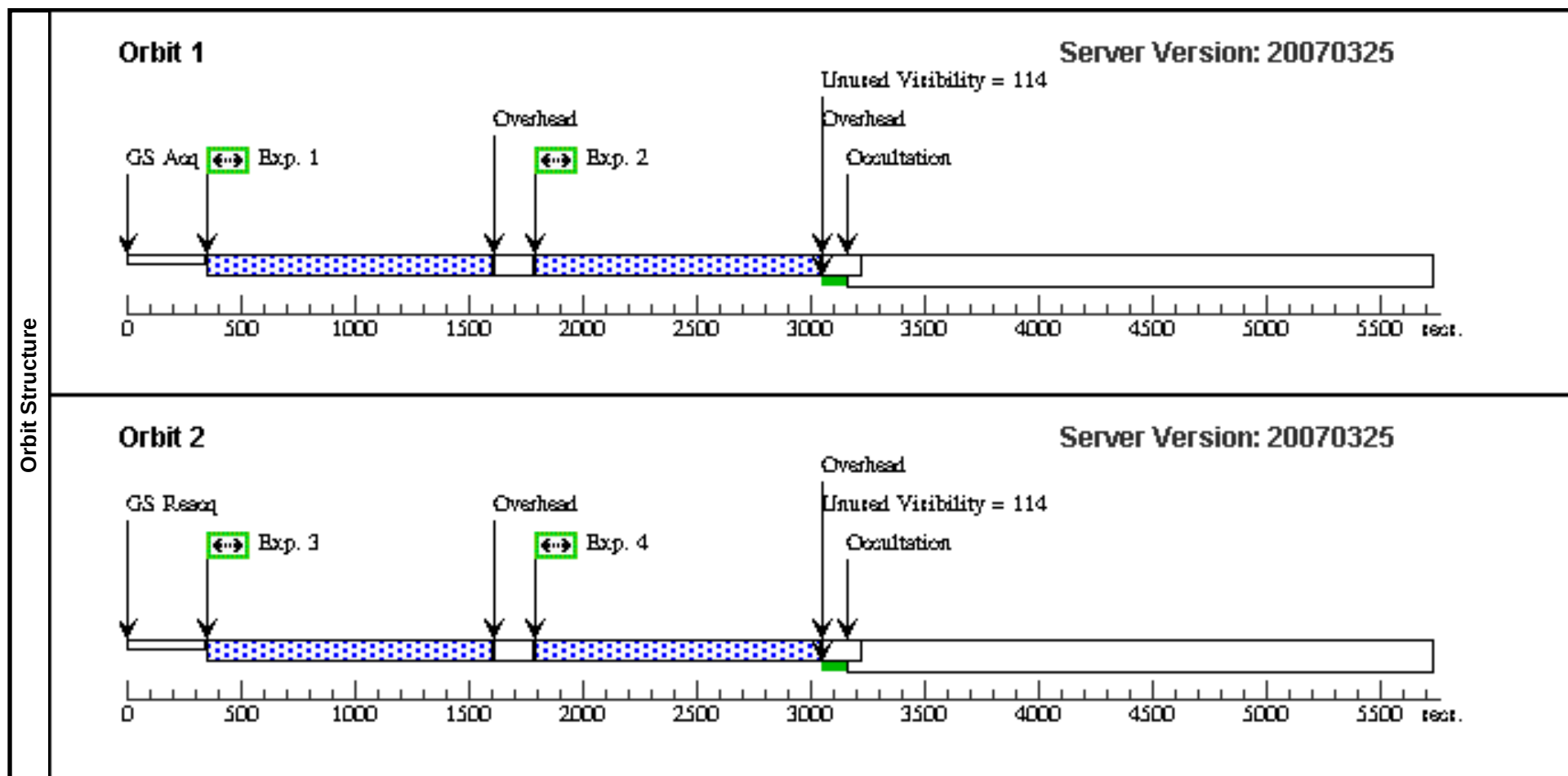


Proposal 11081 - Visit C0 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

Visit	Proposal 11081, Visit C0, scheduling Fri Jul 06 01:15:36 GMT 2007									
	Diagnostic Status: Warning Scientific Instruments: WFPC2 Special Requirements: ON HOLD <i>On Hold Comments: Execute either visit C0 or visits C1-C3. Visit C0 is preferred.</i>									
Diagnostics	(Visit C0) Warning: LONG SU LIKELY TO INTERSECT THE SAA									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	G33	RA: 00 39 33.7300 (9.8905417d) Dec: +40 31 14.79 (40.52078d) Equinox: J2000		V=15.45+/-0.2	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	G33_C0_V0	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	2	G33_C0_I0	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	3	G33_C0_V1	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	4	G33_C0_I1	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	5	G33_C0_V2	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	6	G33_C0_I2	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	7	G33_C0_V3	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	8	G33_C0_I3	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]

Proposal 11081 - Visit C0 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

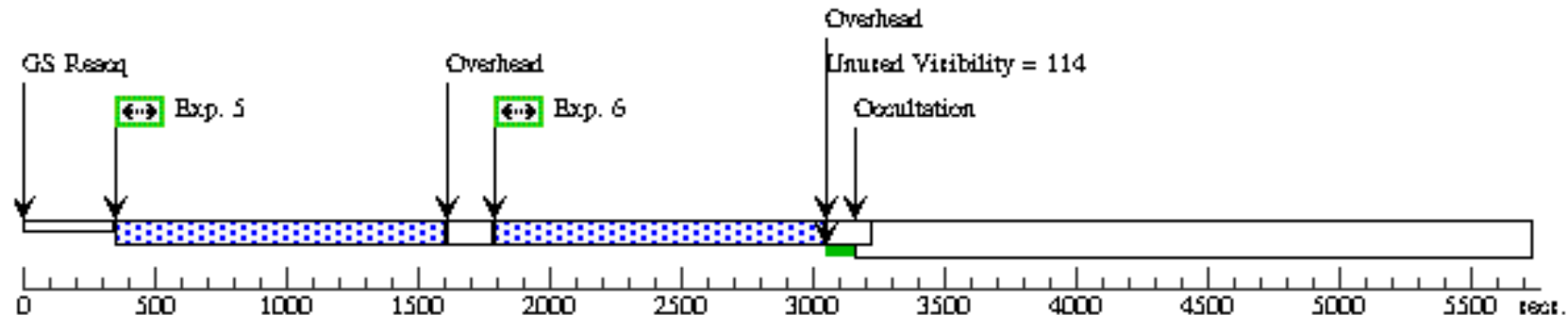
Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	9	G33_C0_V4	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-Int	1100.0 Secs [==>]	[5]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	10	G33_C0_I4	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-Int	1100.0 Secs [==>]	[5]
	11	G33_C0_V5	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 11-12 Non-Int	1100.0 Secs [==>]	[6]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	12	G33_C0_I5	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 11-12 Non-Int	1100.0 Secs [==>]	[6]
	13	G33_C0_V6	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 13-14 Non-Int	1100.0 Secs [==>]	[7]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	14	G33_C0_I6	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 13-14 Non-Int	1100.0 Secs [==>]	[7]
	15	G33_C0_V7	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 15-16 Non-Int	1100.0 Secs [==>]	[8]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	16	G33_C0_I7	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 15-16 Non-Int	1100.0 Secs [==>]	[8]
	17	G33_C0_V8	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 17-18 Non-Int	1100.0 Secs [==>]	[9]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	18	G33_C0_I8	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 17-18 Non-Int	1100.0 Secs [==>]	[9]
	19	G33_C0_V9	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 19-20 Non-Int	1100.0 Secs [==>]	[10]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	20	G33_C0_I9	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 19-20 Non-Int	1100.0 Secs [==>]	[10]
	21	G33_C0_V10	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 21-22 Non-Int	1100.0 Secs [==>]	[11]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	22	G33_C0_I10	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 21-22 Non-Int	1100.0 Secs [==>]	[11]



Orbit Structure (continued)

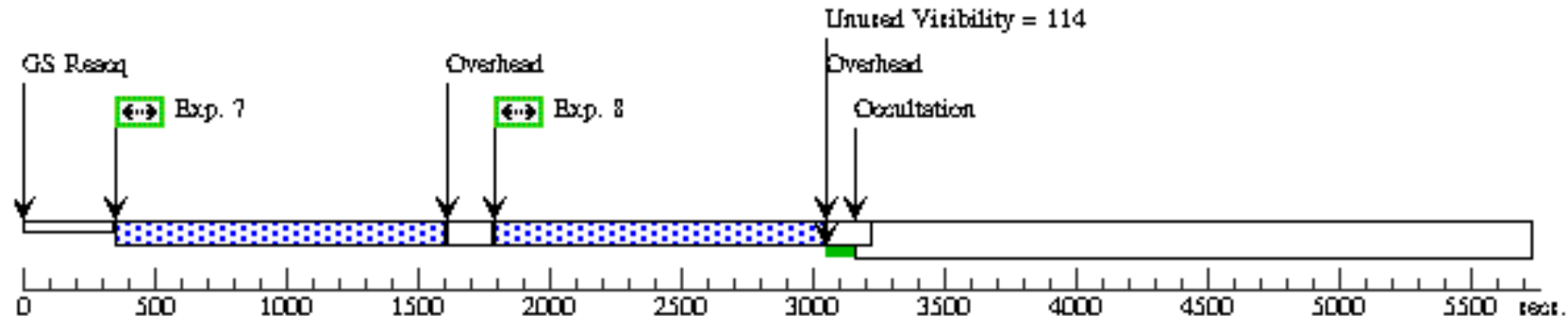
Orbit 3

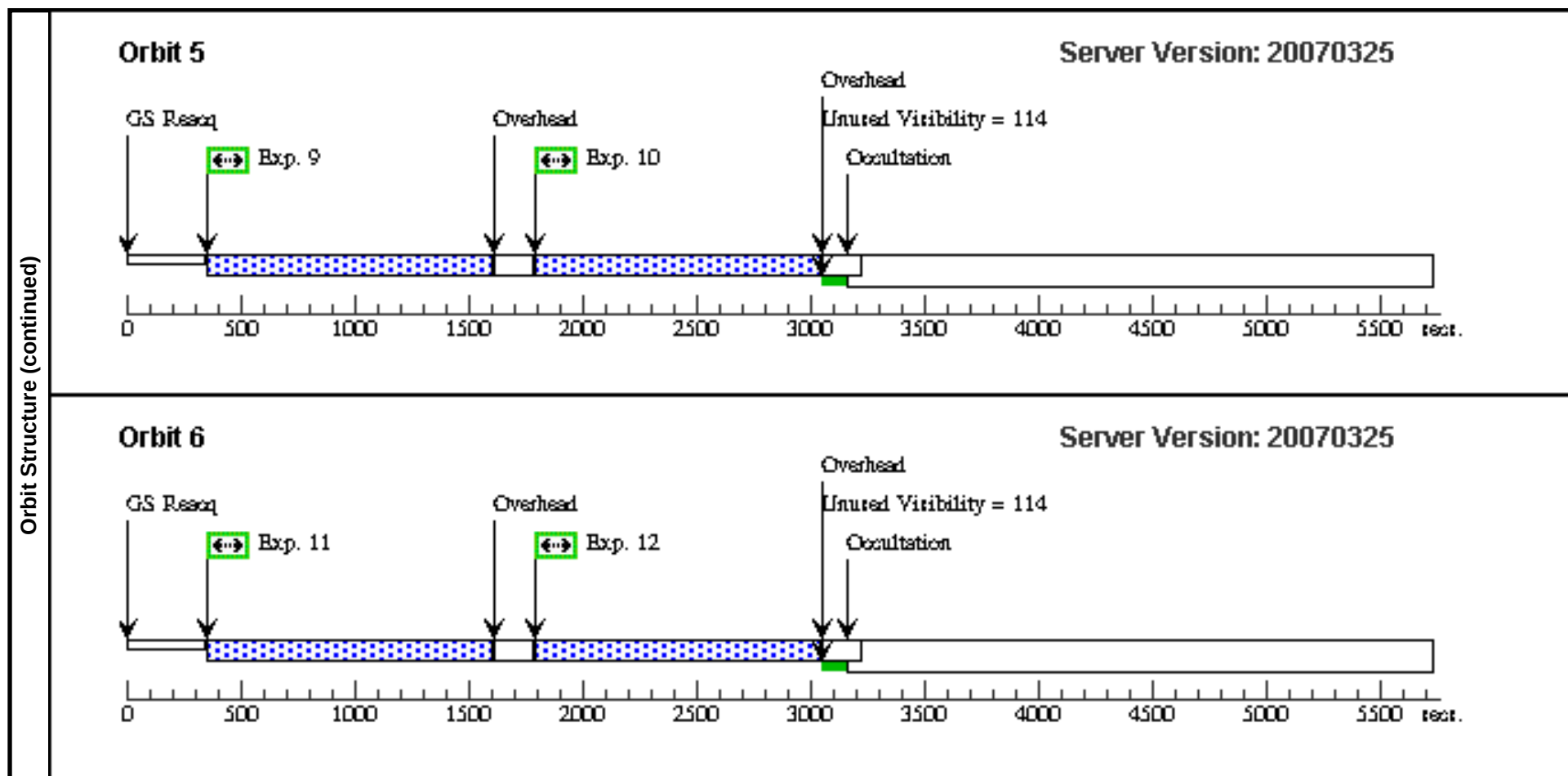
Server Version: 20070325

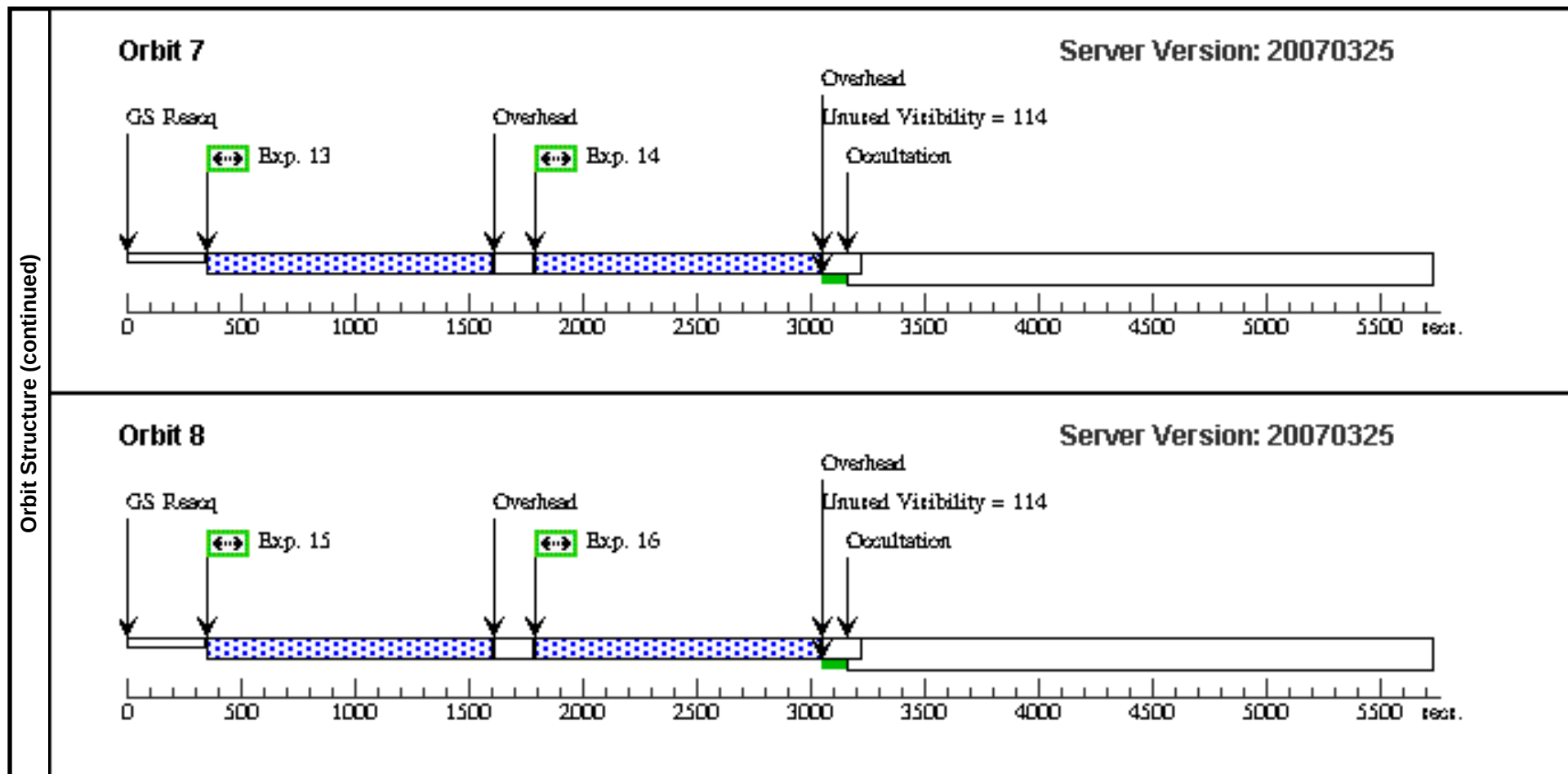


Orbit 4

Server Version: 20070325



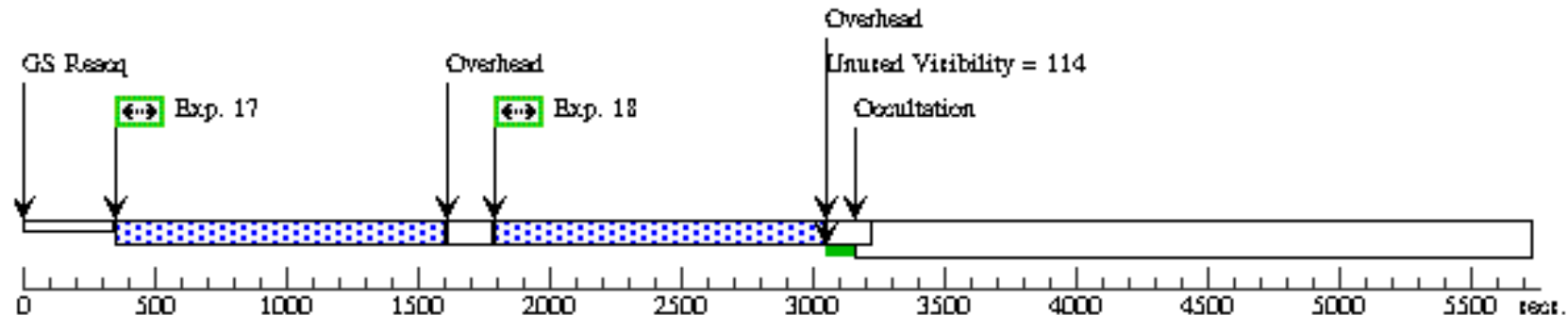




Orbit Structure (continued)

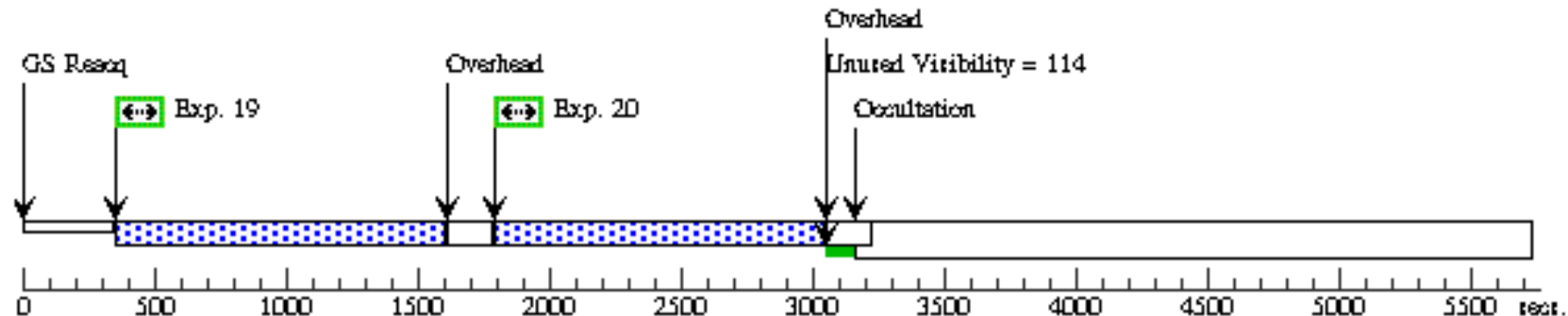
Orbit 9

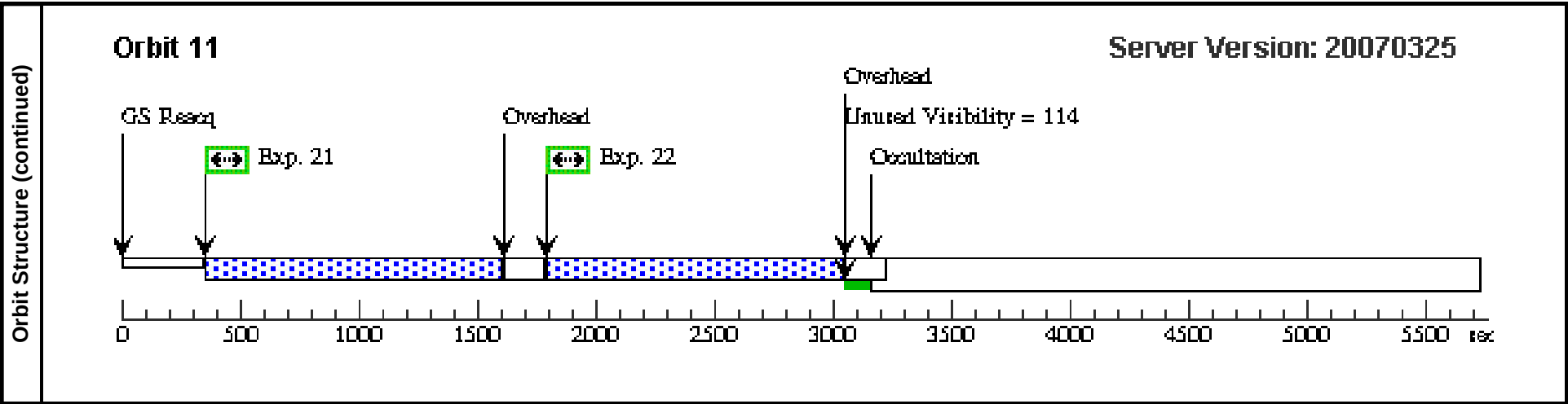
Server Version: 20070325



Orbit 10

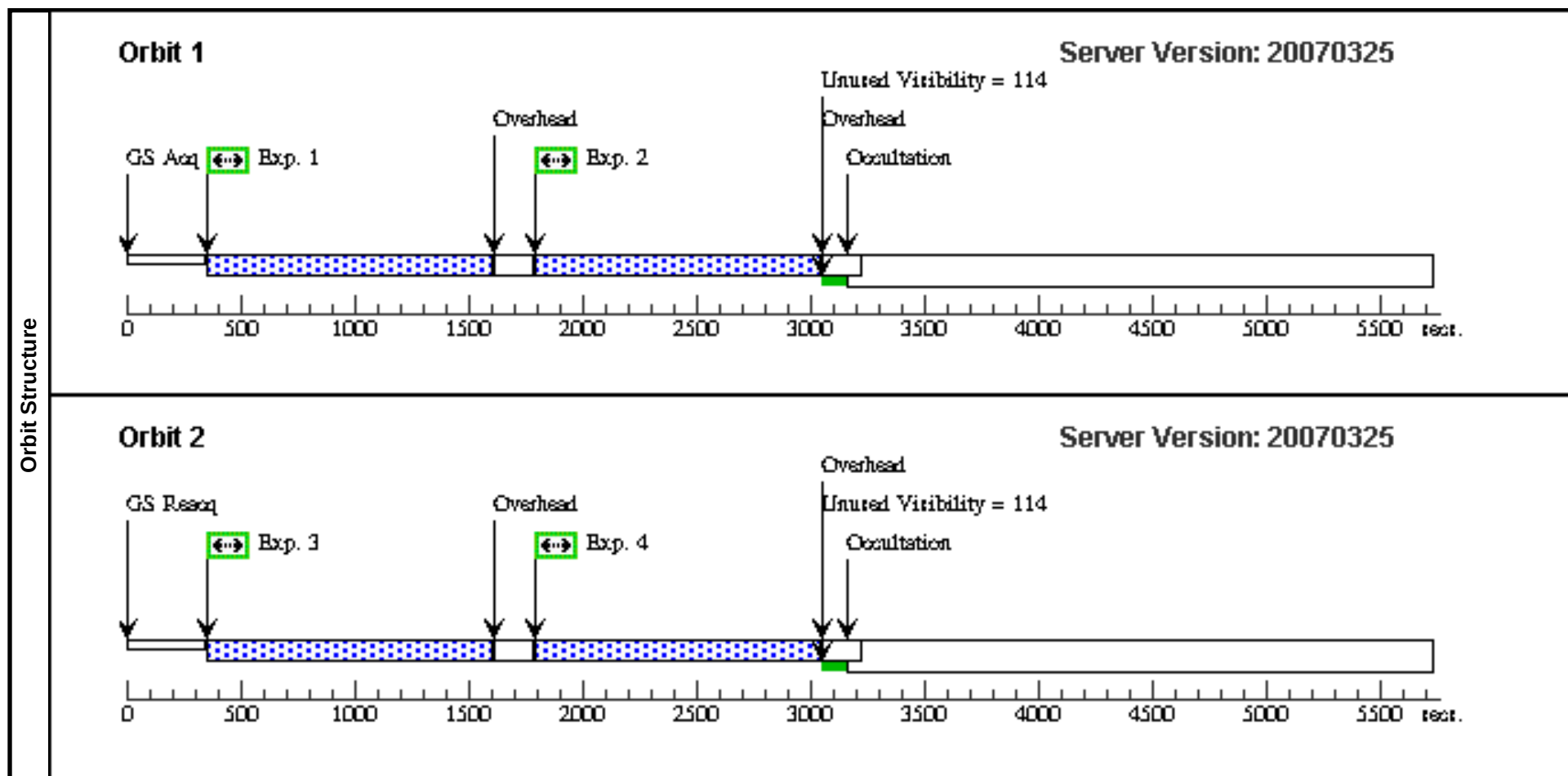
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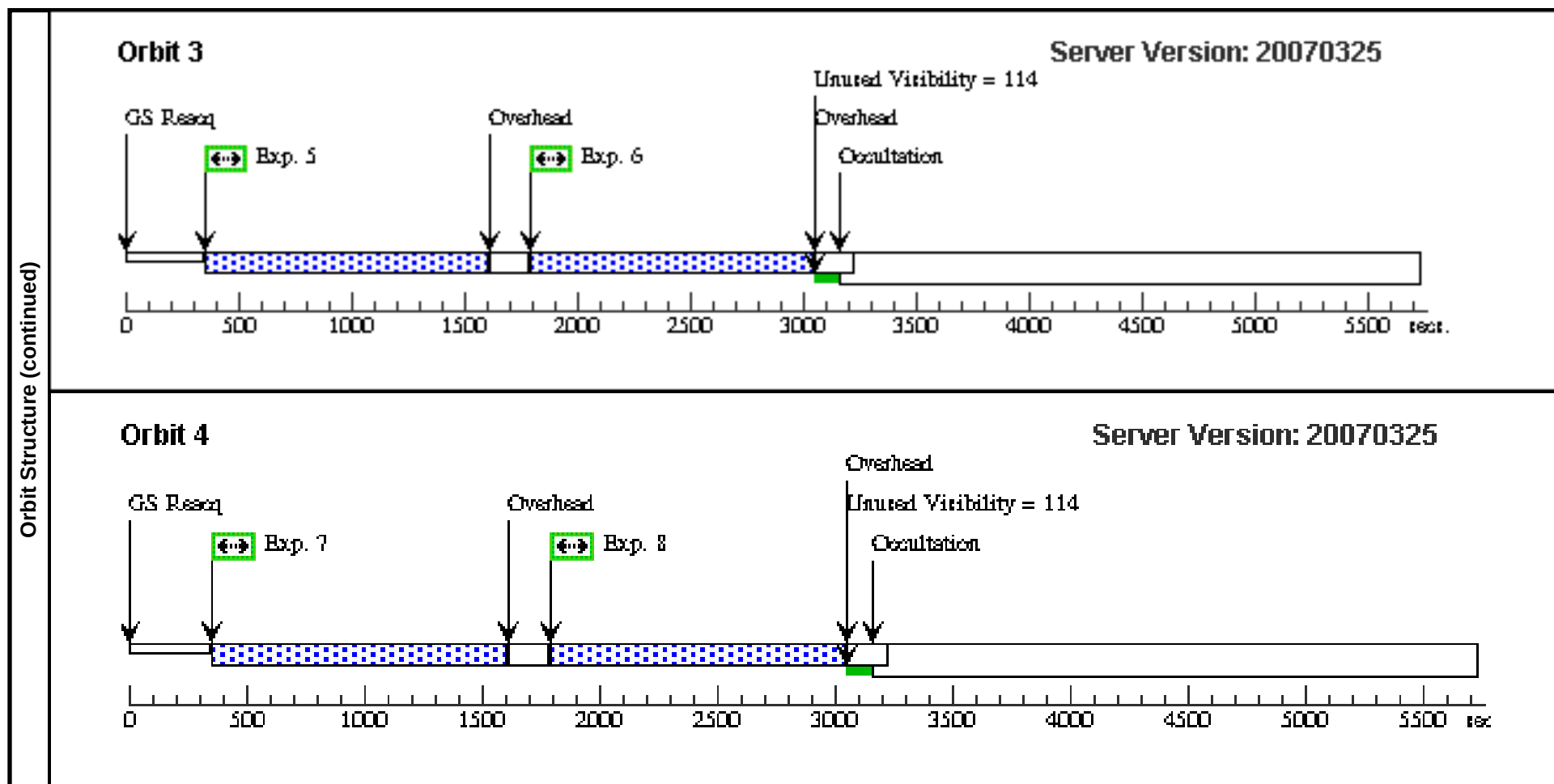




Proposal 11081 - Visit C1 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

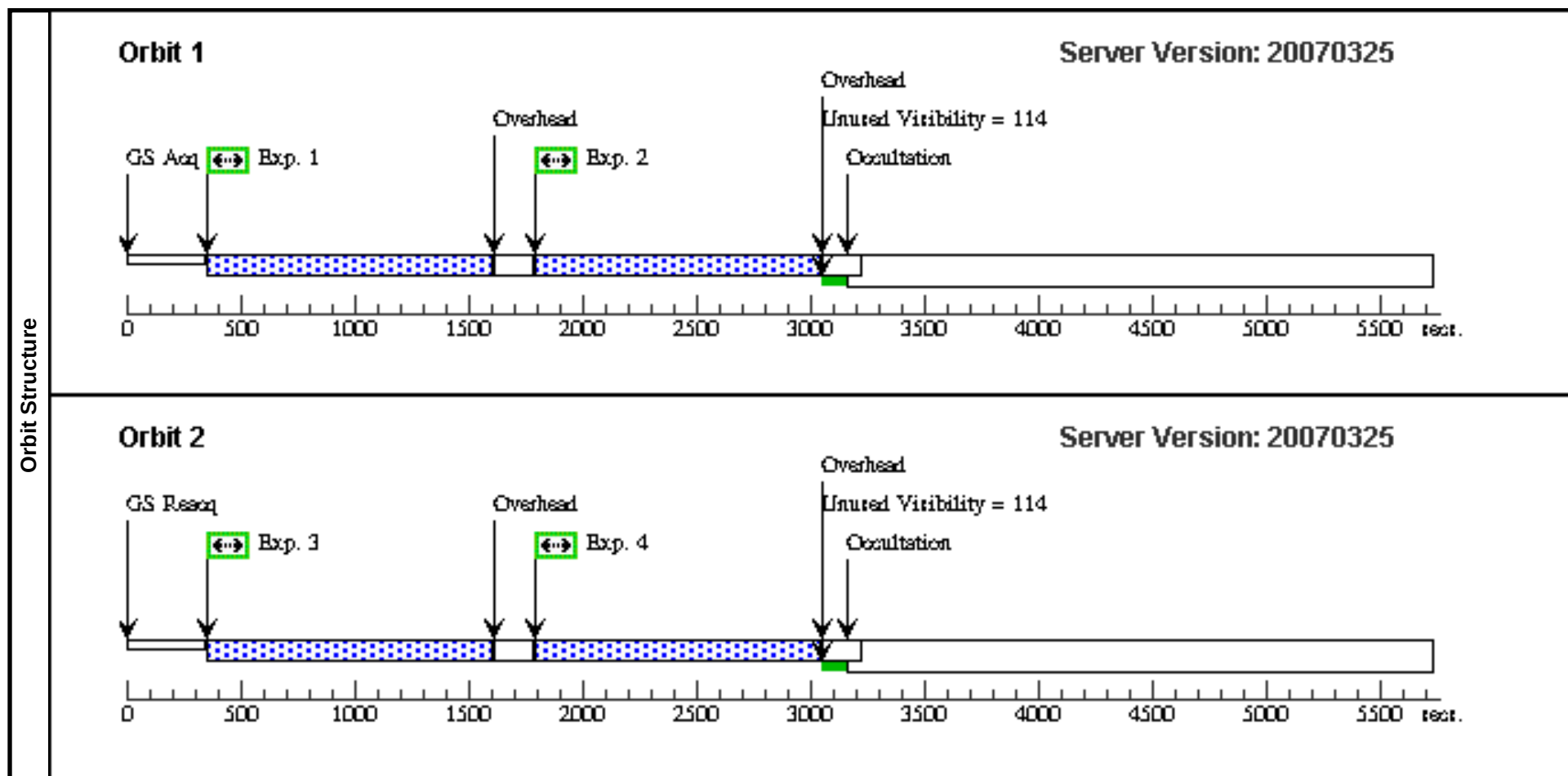
Visit	Proposal 11081, Visit C1, implementation Fri Jul 06 01:15:38 GMT 2007									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: ON HOLD <i>On Hold Comments: Execute either visit C0 or visits C1-C3. Visit C0 is preferred.</i>									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	G33	RA: 00 39 33.7300 (9.8905417d) Dec: +40 31 14.79 (40.52078d) Equinox: J2000		V=15.45+/-0.2	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	G33_C1_V0	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	2	G33_C1_I0	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	3	G33_C1_V1	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	4	G33_C1_I1	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	5	G33_C1_V2	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	6	G33_C1_I2	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	7	G33_C1_V3	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]
	<i>Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.</i>									
	8	G33_C1_I3	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]

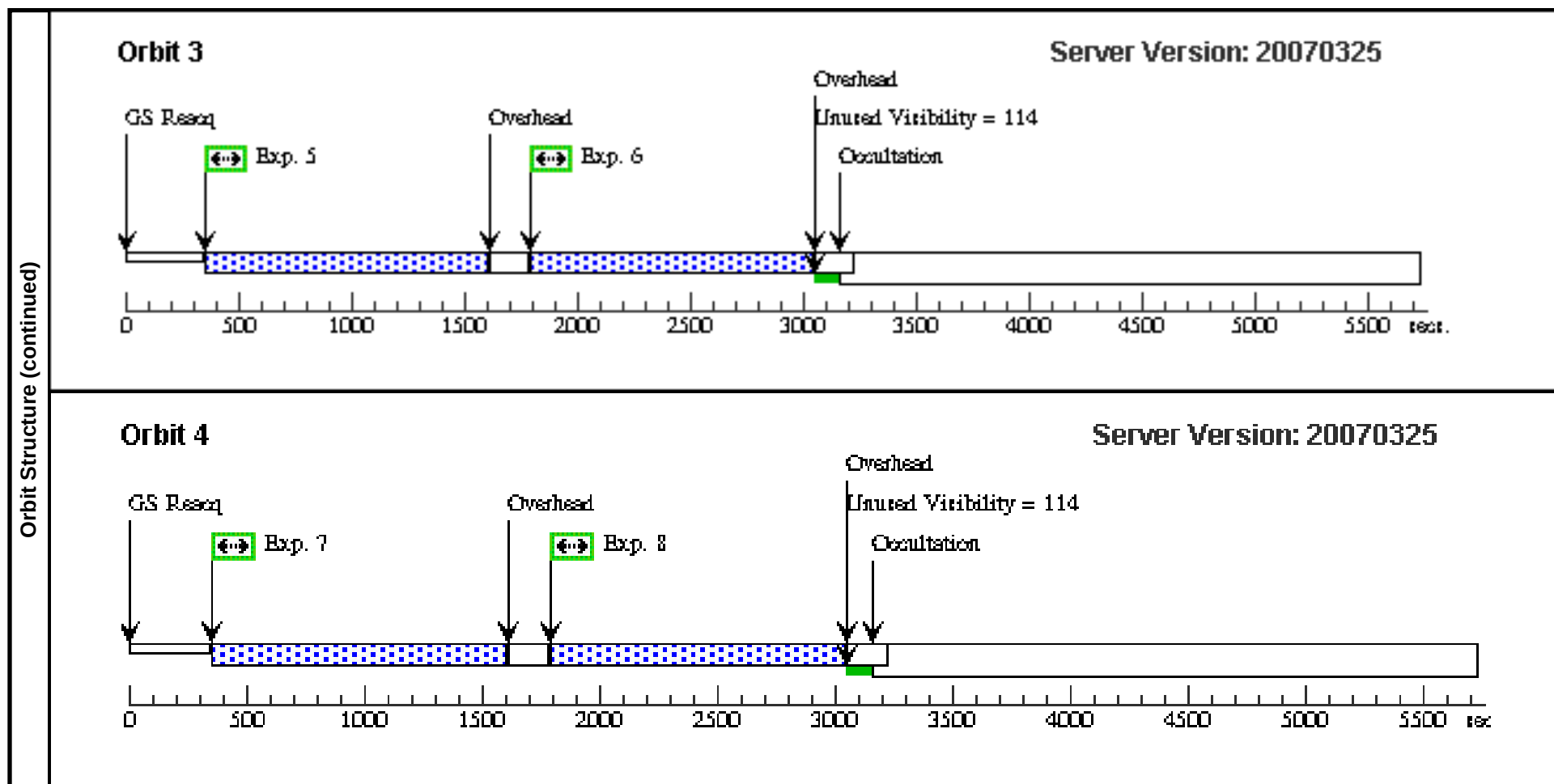




Proposal 11081 - Visit C2 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

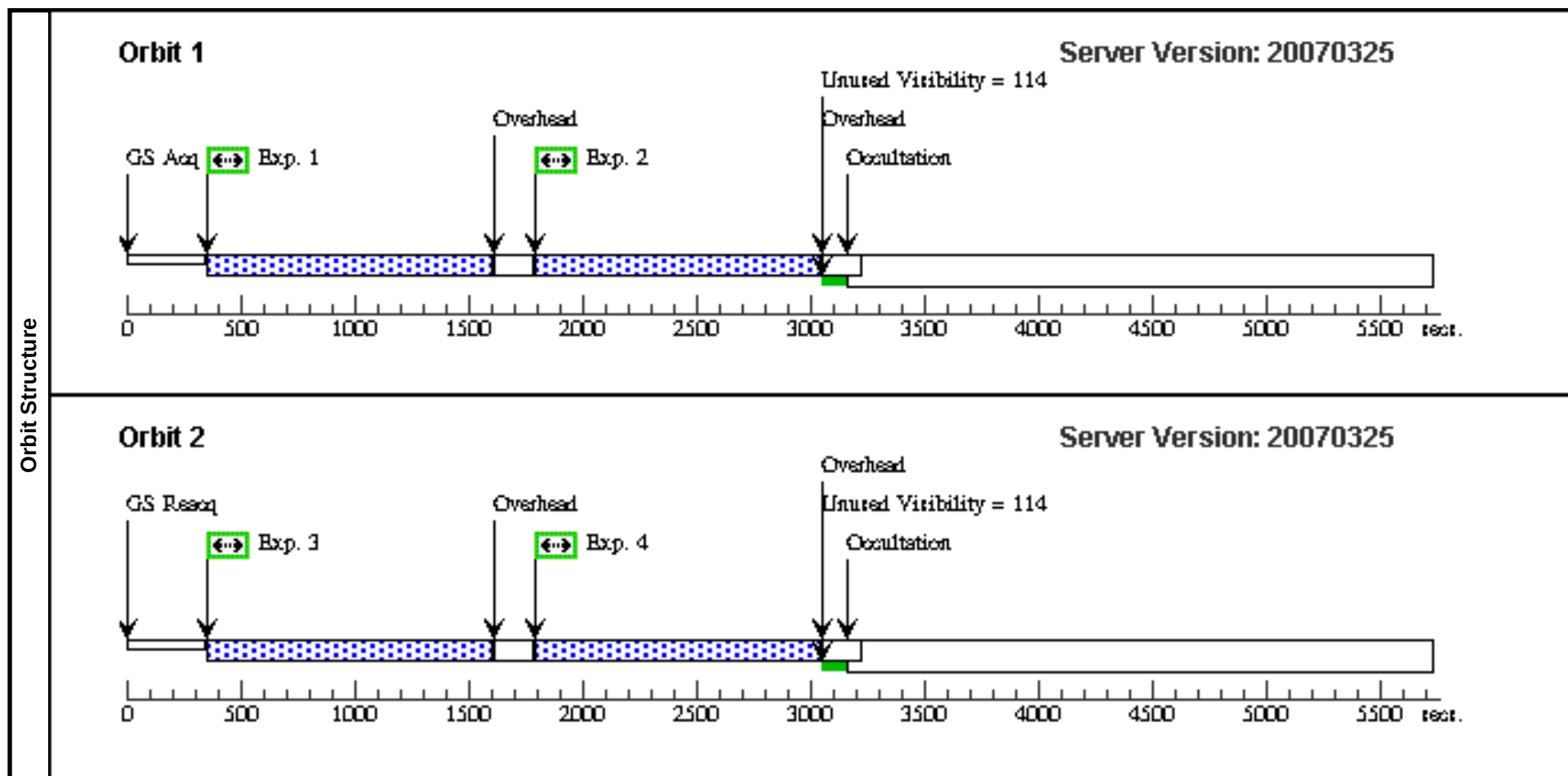
Visit	Proposal 11081, Visit C2, implementation Fri Jul 06 01:15:38 GMT 2007									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: SAME ORIENT AS C1; AFTER C1 BY 0 Orbits TO 10 Orbits; ON HOLD Comments: Minimize time between C1 and C2. On Hold Comments: Execute either visit C0 or visits C1-C3. Visit C0 is preferred.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	G33	RA: 00 39 33.7300 (9.8905417d) Dec: +40 31 14.79 (40.52078d) Equinox: J2000		V=15.45+/-0.2	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	G33_C2_V4	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	2	G33_C2_I4	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	3	G33_C2_V5	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	4	G33_C2_I5	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	5	G33_C2_V6	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	6	G33_C2_I6	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	7	G33_C2_V7	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	8	G33_C2_I7	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]

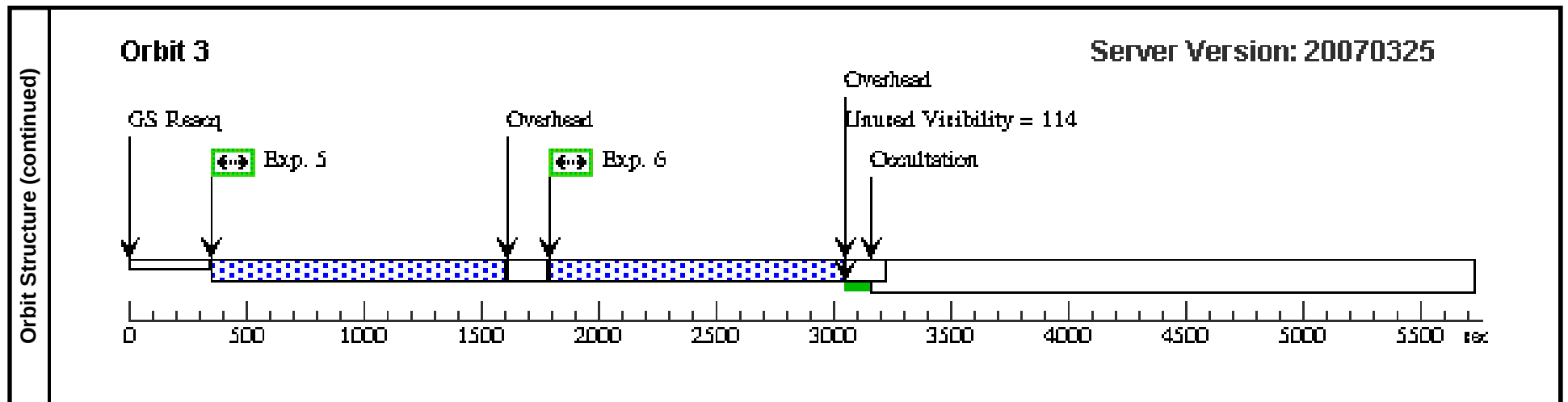




Proposal 11081 - Visit C3 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

Visit	Proposal 11081, Visit C3, implementation Fri Jul 06 01:15:39 GMT 2007									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: SAME ORIENT AS C1; AFTER C2 BY 0 Orbits TO 4 Orbits; ON HOLD Comments: Minimize time between C2 and C3. On Hold Comments: Execute either visit C0 or visits C1-C3. Visit C0 is preferred.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	G33	RA: 00 39 33.7300 (9.8905417d) Dec: +40 31 14.79 (40.52078d) Equinox: J2000		V=15.45+/-0.2	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	G33_C3_V8	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	2	G33_C3_I8	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	3	G33_C3_V9	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	4	G33_C3_I9	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	5	G33_C3_V10	(2) G33	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	Comments: Filter F606W is used in place of filter F555W originally requested , because better throughput.									
	6	G33_C3_I10	(2) G33	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]





Proposal 11081 - Visit D0 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

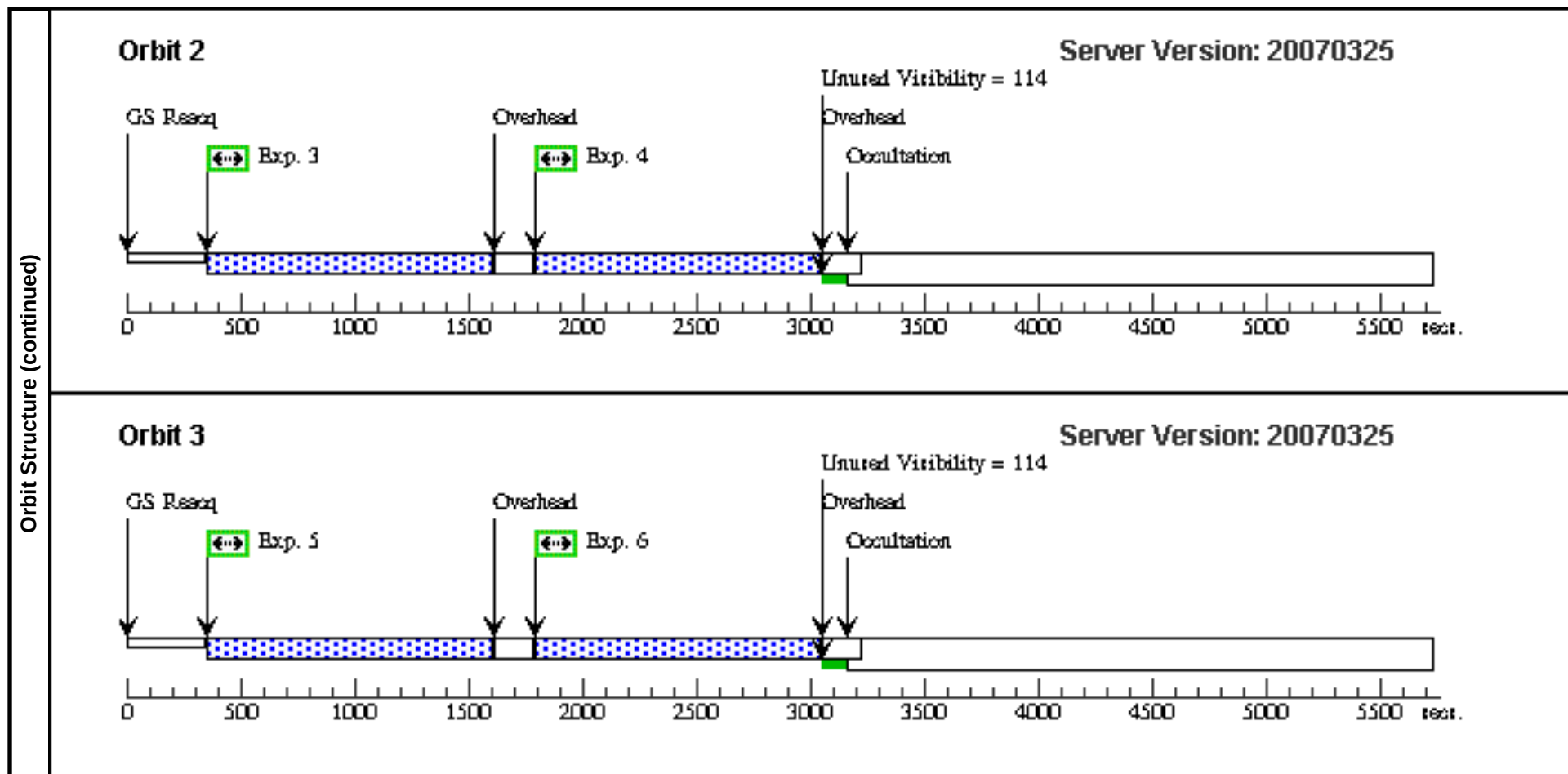
Visit	Proposal 11081, Visit D0, scheduling Fri Jul 06 01:15:39 GMT 2007									
	Diagnostic Status: Warning Scientific Instruments: WFPC2 Special Requirements: ON HOLD <i>On Hold Comments: Execute either visit D0 or visits D1-D3. Visit D0 is preferred.</i>									
Diagnostics	(Visit D0) Warning: LONG SU LIKELY TO INTERSECT THE SAA									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord.	Corrections	Fluxes	Miscellaneous			
	(5)	G105	RA: 00 41 43.1700 (10.4298750d) Dec: +40 12 22.76 (40.20632d) Equinox: J2000			V=16.31+/-0.2	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	G105_D0_V 0	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	2	G105_D0_I 0	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	3	G105_D0_V 1	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	4	G105_D0_I 1	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	5	G105_D0_V 2	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	6	G105_D0_I 2	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	7	G105_D0_V 3	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	8	G105_D0_I 3	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]

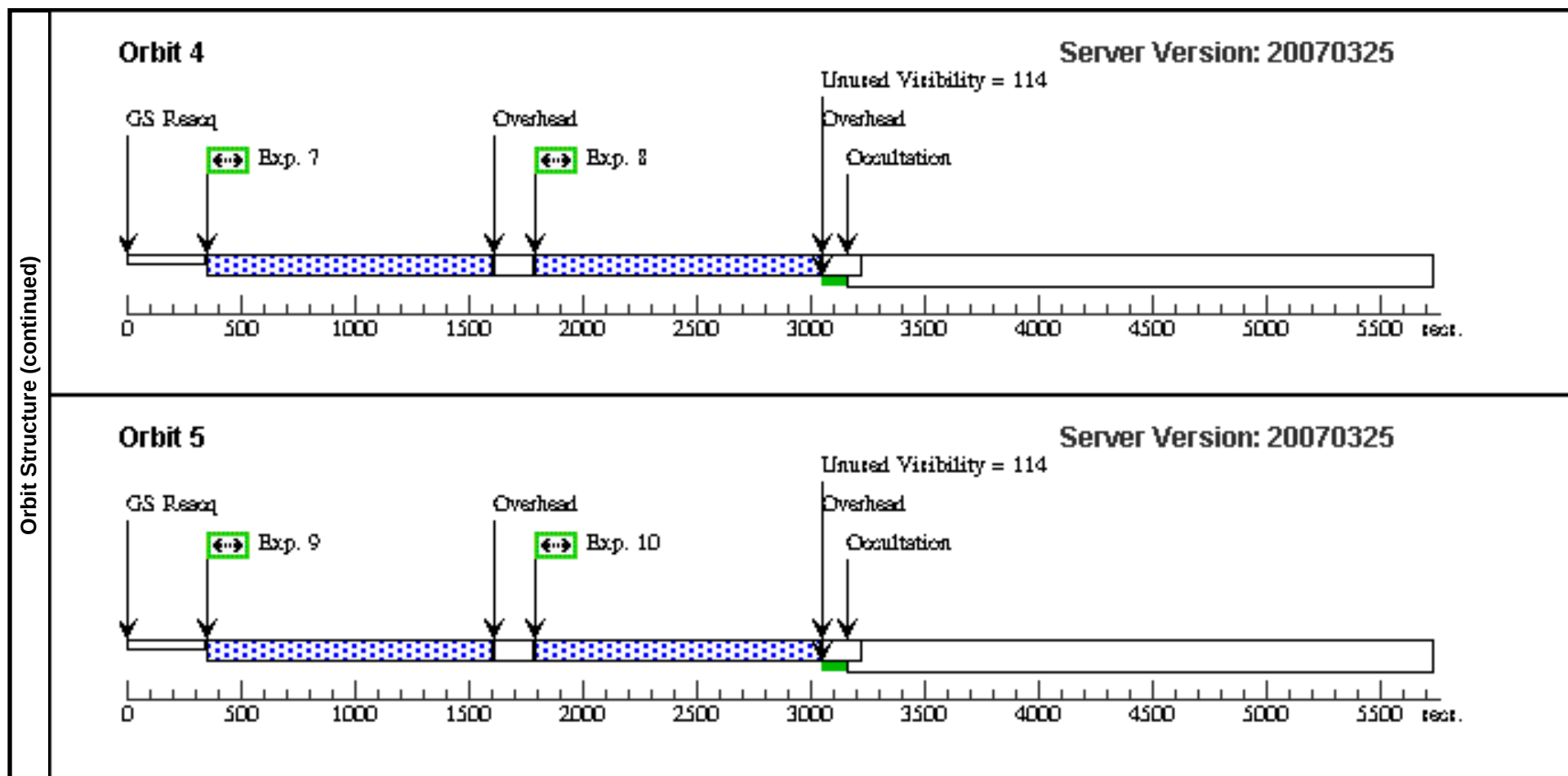
Proposal 11081 - Visit D0 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

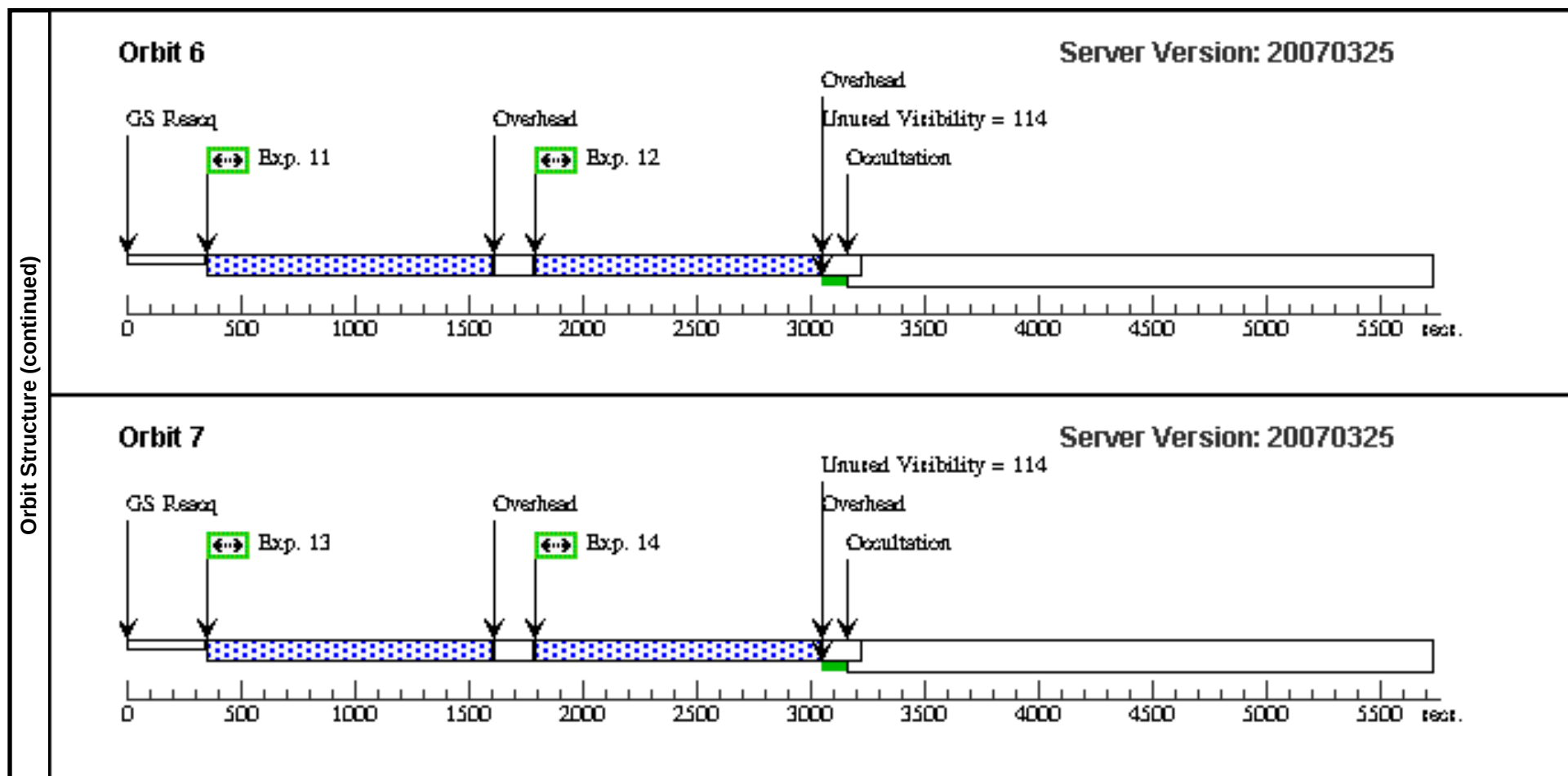
Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	9	G105_D0_V 4	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-Int	1100.0 Secs [==>]	[5]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	10	G105_D0_I 4	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-Int	1100.0 Secs [==>]	[5]
	11	G105_D0_V 5	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 11-12 Non-Int	1100.0 Secs [==>]	[6]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	12	G105_D0_I 5	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 11-12 Non-Int	1100.0 Secs [==>]	[6]
	13	G105_D0_V 6	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 13-14 Non-Int	1100.0 Secs [==>]	[7]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	14	G105_D0_I 6	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 13-14 Non-Int	1100.0 Secs [==>]	[7]
	15	G105_D0_V 7	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 15-16 Non-Int	1100.0 Secs [==>]	[8]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	16	G105_D0_I 7	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 15-16 Non-Int	1100.0 Secs [==>]	[8]
	17	G105_D0_V 8	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 17-18 Non-Int	1100.0 Secs [==>]	[9]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	18	G105_D0_I 8	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 17-18 Non-Int	1100.0 Secs [==>]	[9]
	19	G105_D0_V 9	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 19-20 Non-Int	1100.0 Secs [==>]	[10]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	20	G105_D0_I 9	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 19-20 Non-Int	1100.0 Secs [==>]	[10]
	21	G105_D0_V 10	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 21-22 Non-Int	1100.0 Secs [==>]	[11]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	22	G105_D0_I 10	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 21-22 Non-Int	1100.0 Secs [==>]	[11]
	23	G105_D0_V 11	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 23-24 Non-Int	1100.0 Secs [==>]	[12]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									

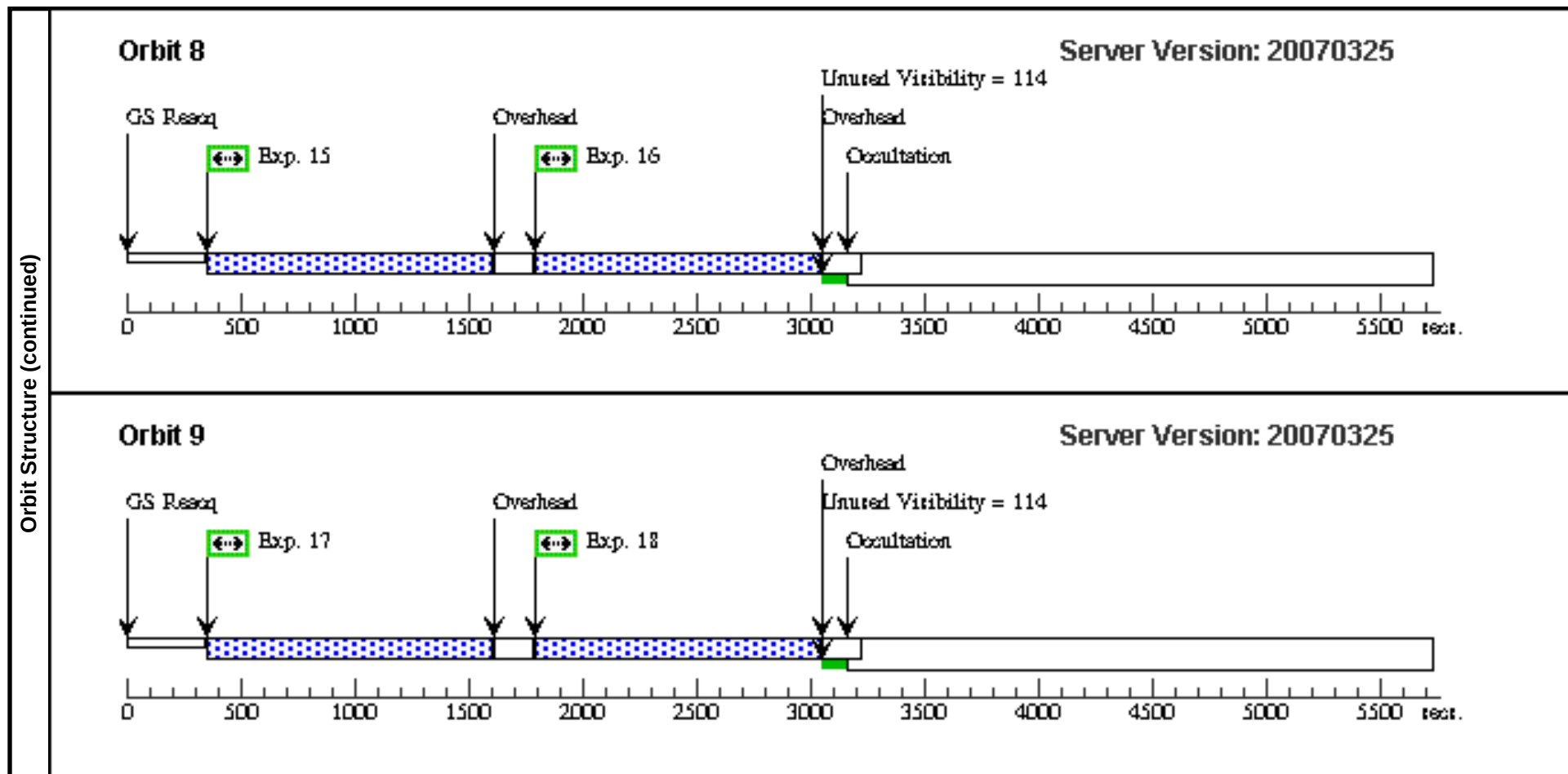
Proposal 11081 - Visit D0 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

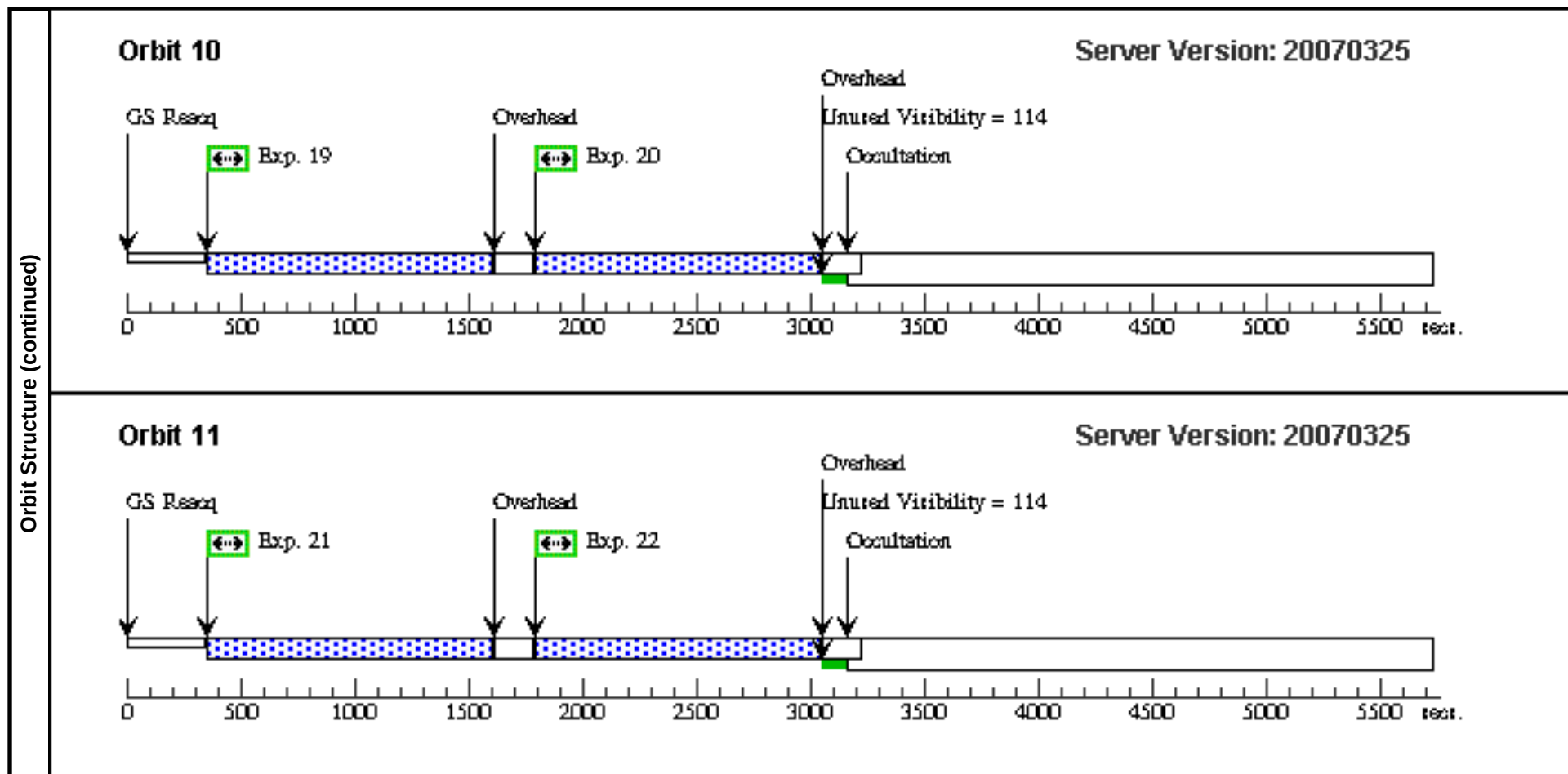
Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	24	G105_D0_I 11	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 23-24 Non-Int	1100.0 Secs [==>]	[12]
	25	G105_D0_V 12	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 25-26 Non-Int	1100.0 Secs [==>]	[13]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	26	G105_D0_I 12	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 25-26 Non-Int	1100.0 Secs [==>]	[13]
	27	G105_D0_V 13	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 27-28 Non-Int	1100.0 Secs [==>]	[14]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	28	G105_D0_I 13	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 27-28 Non-Int	1100.0 Secs [==>]	[14]
	29	G105_D0_V 14	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 29-30 Non-Int	1100.0 Secs [==>]	[15]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	30	G105_D0_I 14	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 29-30 Non-Int	1100.0 Secs [==>]	[15]
Orbit Structure	Orbit 1 Server Version: 20070325									

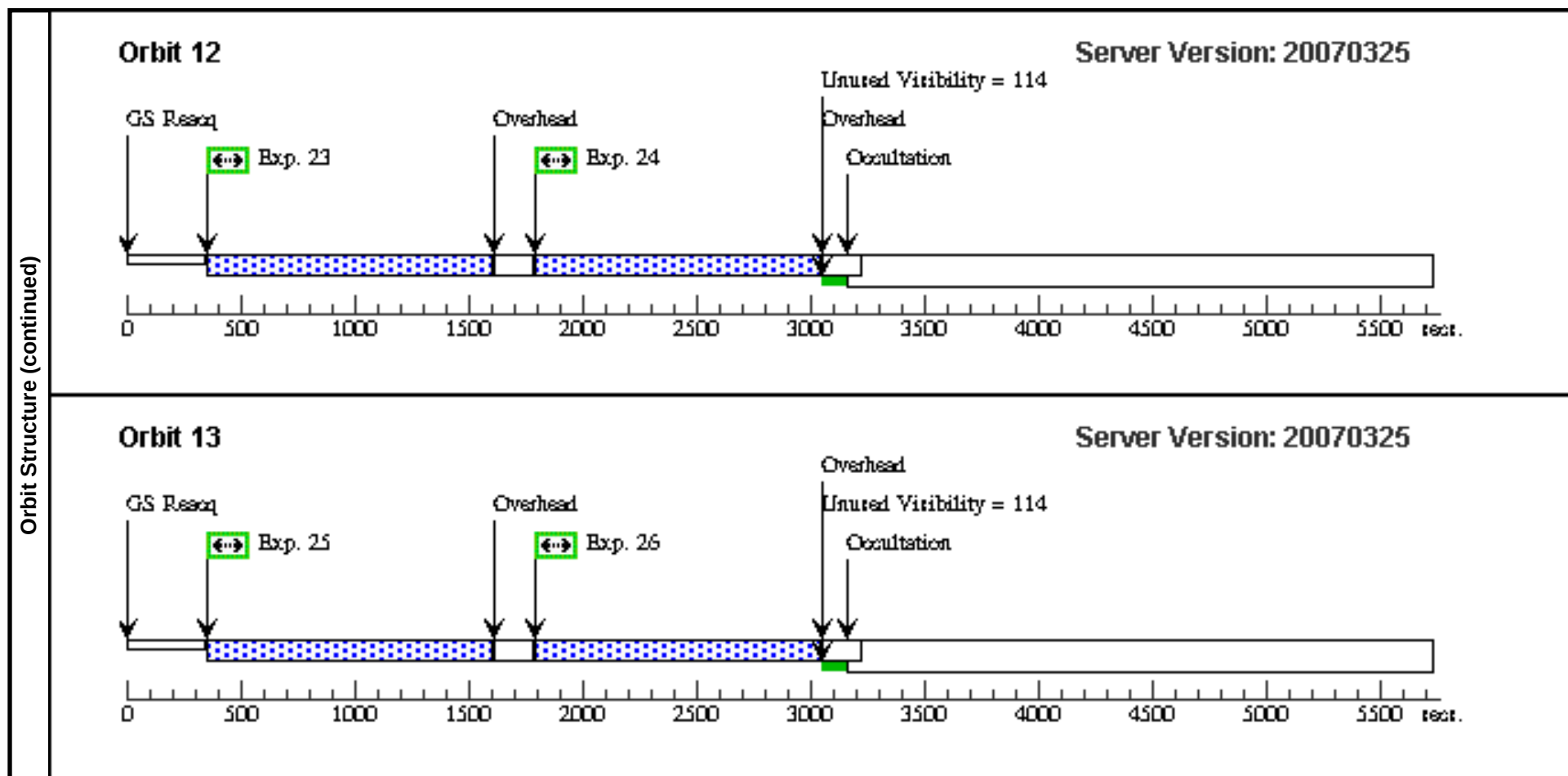


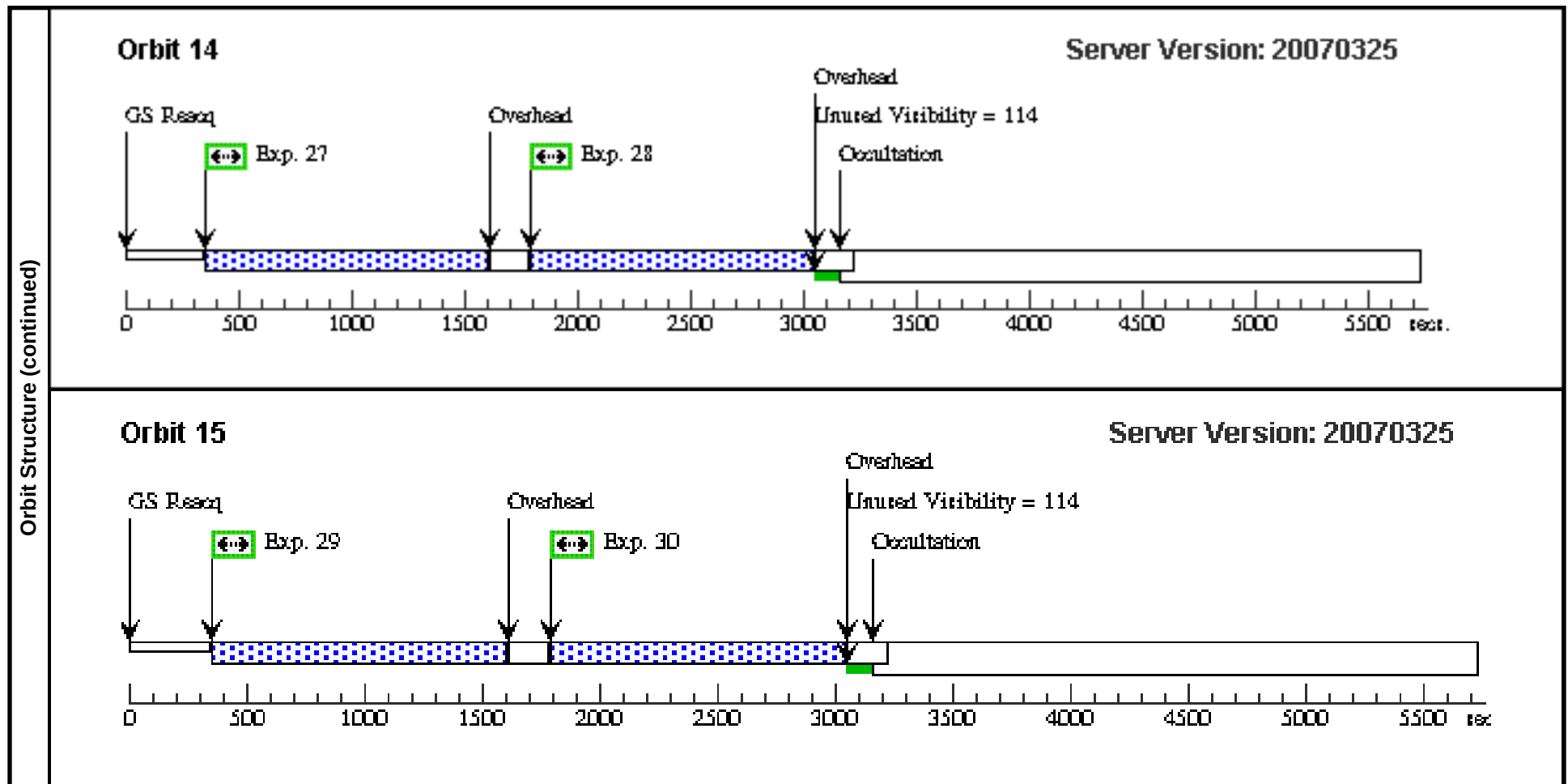






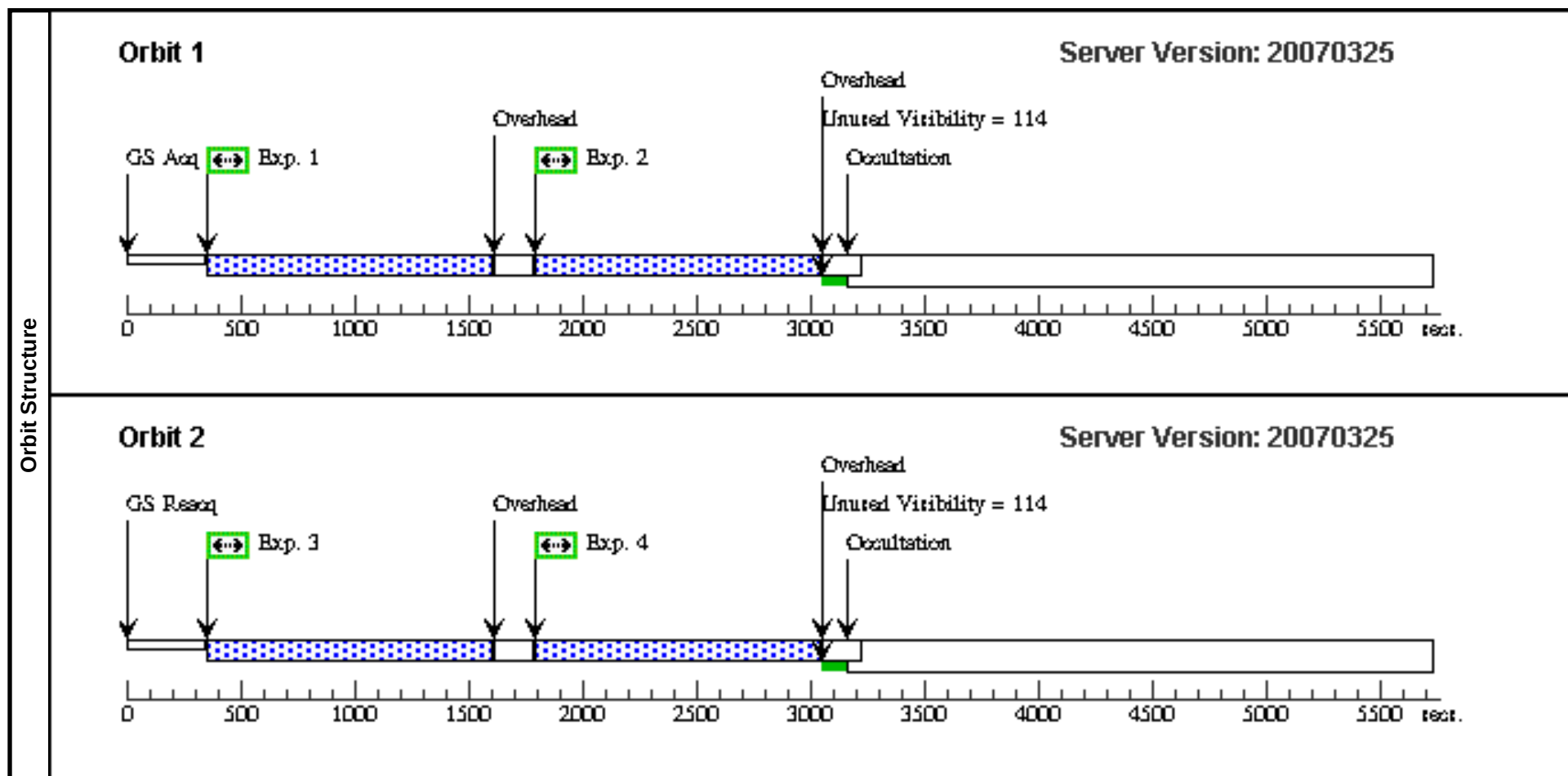






Proposal 11081 - Visit D1 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

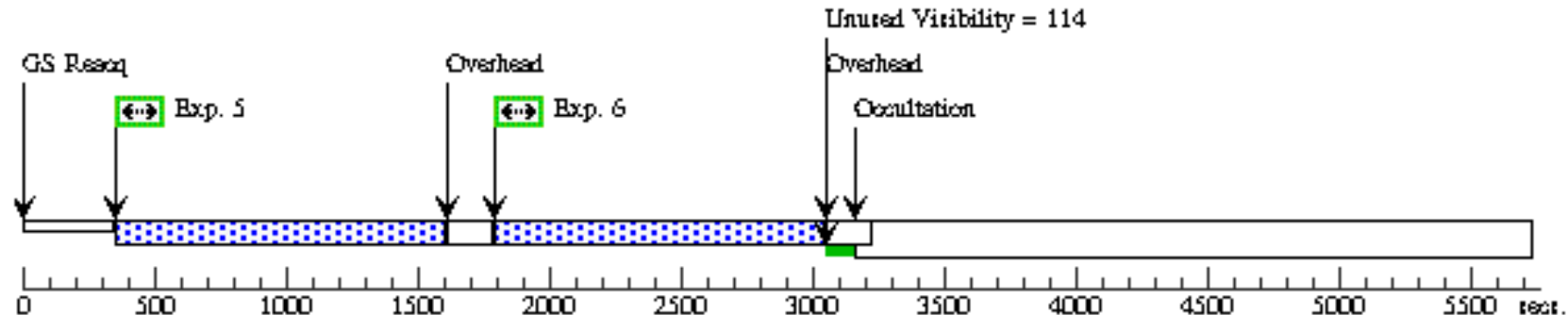
Visit	Proposal 11081, Visit D1, scheduling									Fri Jul 06 01:15:42 GMT 2007
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFPC2									
	Special Requirements: ON HOLD									
	On Hold Comments: Execute either visit D0 or visits D1-D3. Visit D0 is preferred.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(5)	G105	RA: 00 41 43.1700 (10.4298750d) Dec: +40 12 22.76 (40.20632d) Equinox: J2000			V=16.31+/-0.2		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	G105_D1_V 0	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-In t	1100.0 Secs [==>]	[1]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	2	G105_D1_I 0	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-In t	1100.0 Secs [==>]	[1]
	3	G105_D1_V 1	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-In t	1100.0 Secs [==>]	[2]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	4	G105_D1_I 1	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-In t	1100.0 Secs [==>]	[2]
	5	G105_D1_V 2	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-In t	1100.0 Secs [==>]	[3]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	6	G105_D1_I 2	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-In t	1100.0 Secs [==>]	[3]
	7	G105_D1_V 3	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-In t	1100.0 Secs [==>]	[4]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	8	G105_D1_I 3	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-In t	1100.0 Secs [==>]	[4]
	9	G105_D1_V 4	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-I nt	1100.0 Secs [==>]	[5]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	10	G105_D1_I 4	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-I nt	1100.0 Secs [==>]	[5]



Orbit Structure (continued)

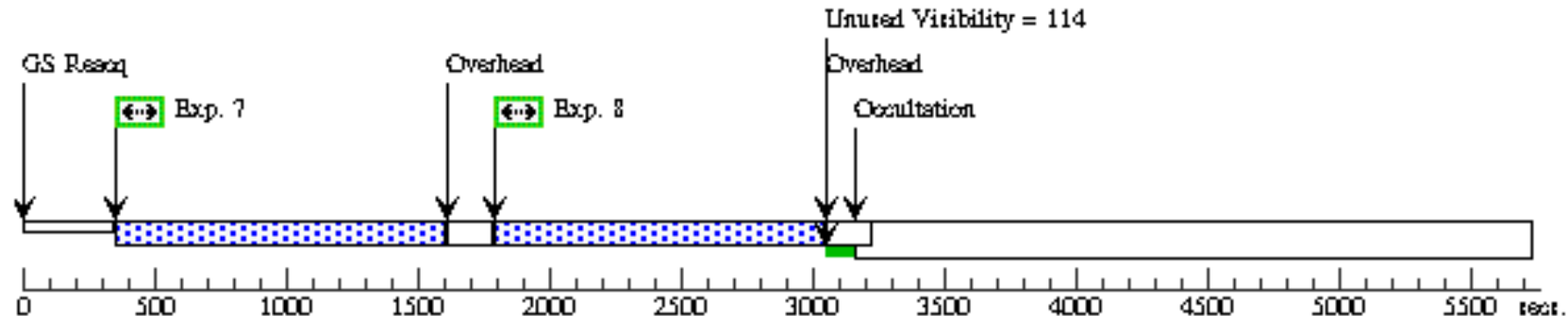
Orbit 3

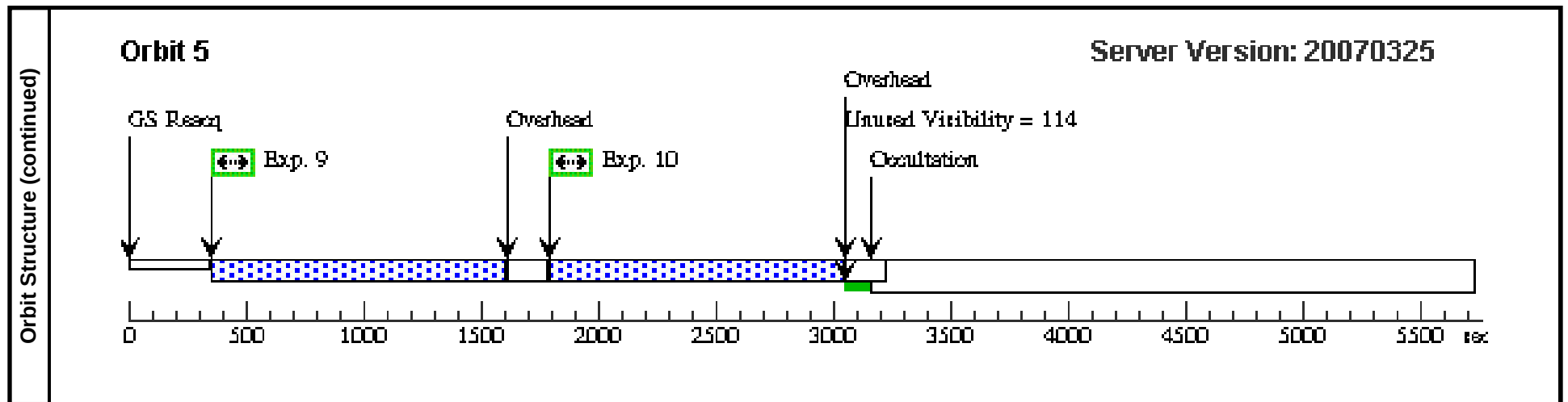
Server Version: 20070325



Orbit 4

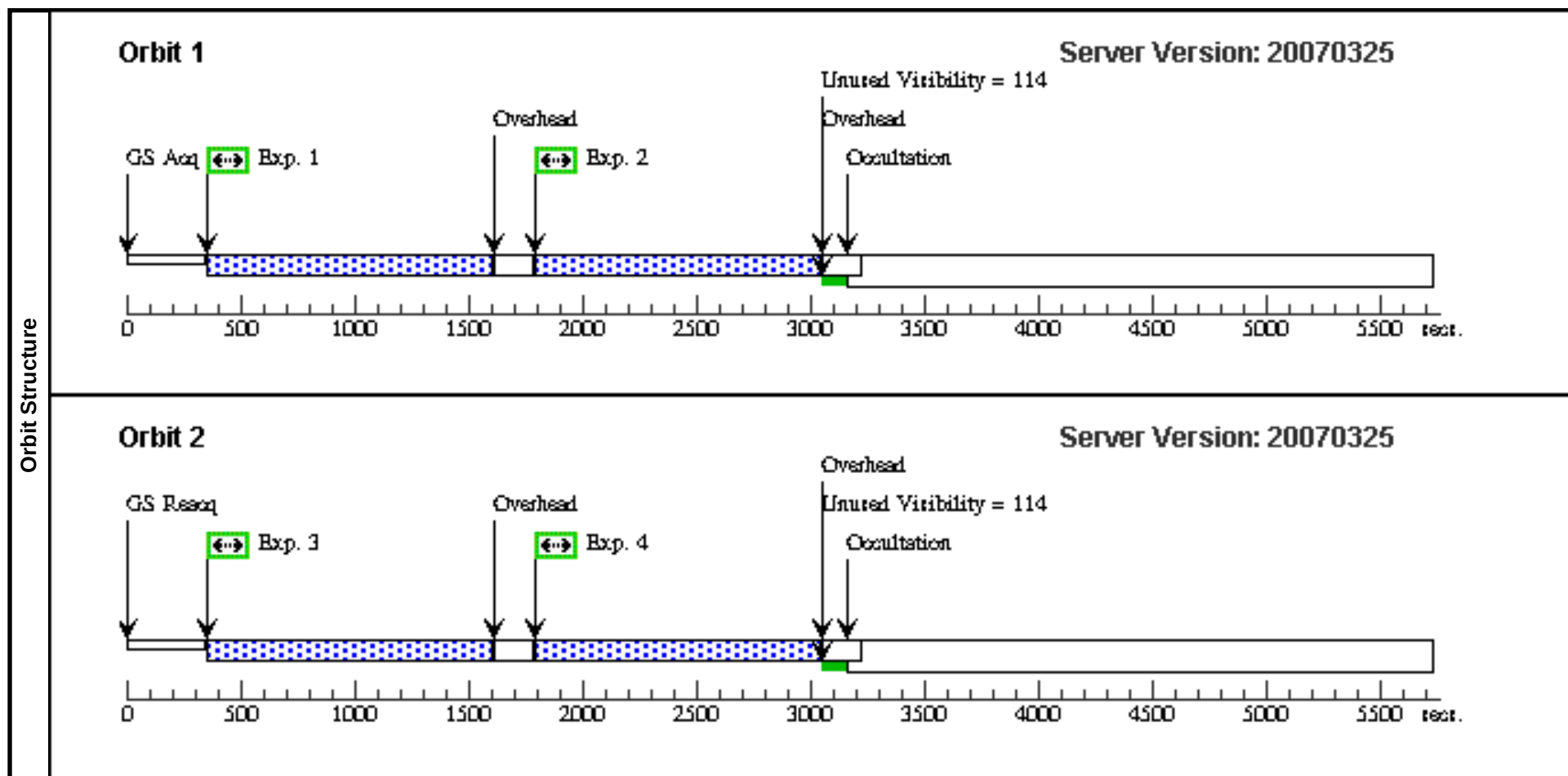
Server Version: 20070325





Proposal 11081 - Visit D2 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

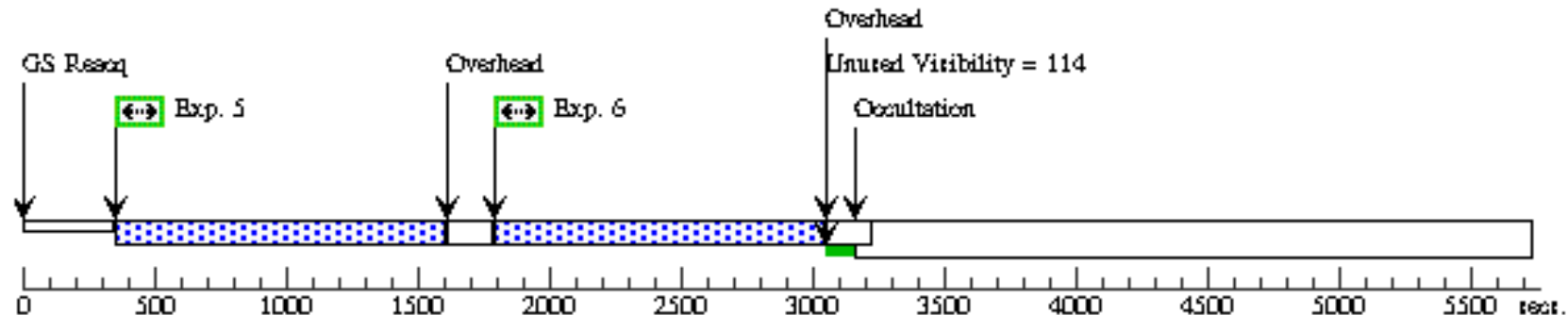
Visit	Proposal 11081, Visit D2, scheduling Fri Jul 06 01:15:42 GMT 2007									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: SAME ORIENT AS D1; AFTER D1 BY 0 Orbits TO 11 Orbits; ON HOLD Comments: Minimize time between D1 and D2. On Hold Comments: Execute either visit D0 or visits D1-D3. Visit D0 is preferred.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	G105	RA: 00 41 43.1700 (10.4298750d) Dec: +40 12 22.76 (40.20632d) Equinox: J2000		V=16.31+/-0.2	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	G105_D2_V 5	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	2	G105_D2_I 5	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	3	G105_D2_V 6	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	4	G105_D2_I 6	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	5	G105_D2_V 7	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	6	G105_D2_I 7	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	7	G105_D2_V 8	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	8	G105_D2_I 8	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]
	9	G105_D2_V 9	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-Int	1100.0 Secs [==>]	[5]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	10	G105_D2_I 9	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-Int	1100.0 Secs [==>]	[5]



Orbit Structure (continued)

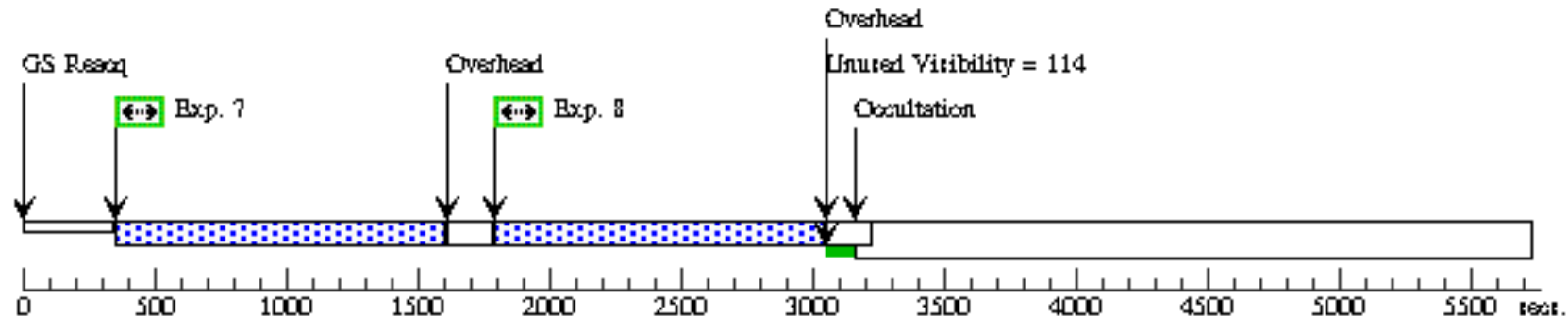
Orbit 3

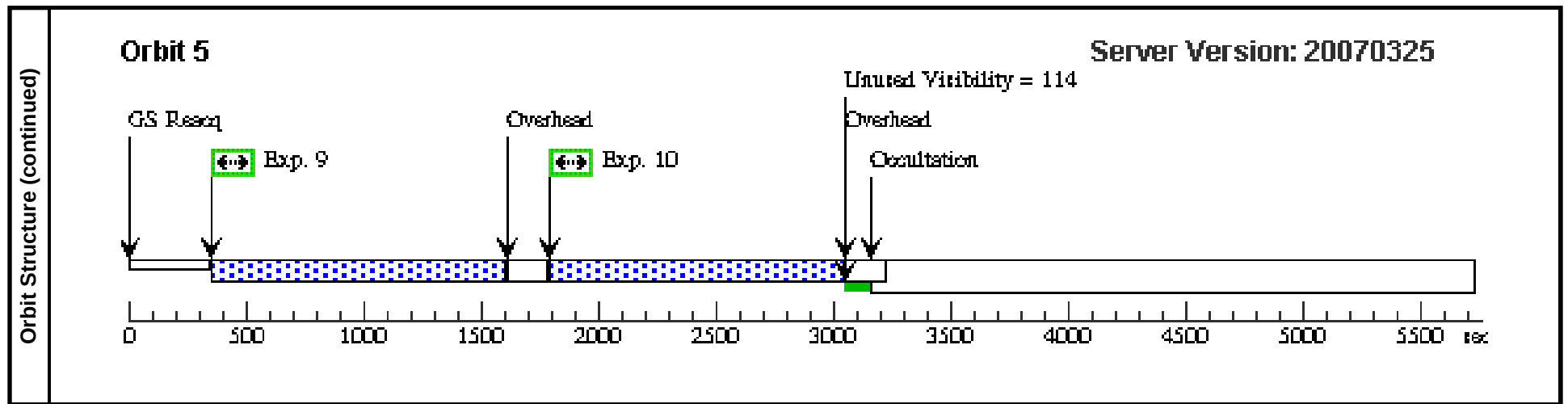
Server Version: 20070325



Orbit 4

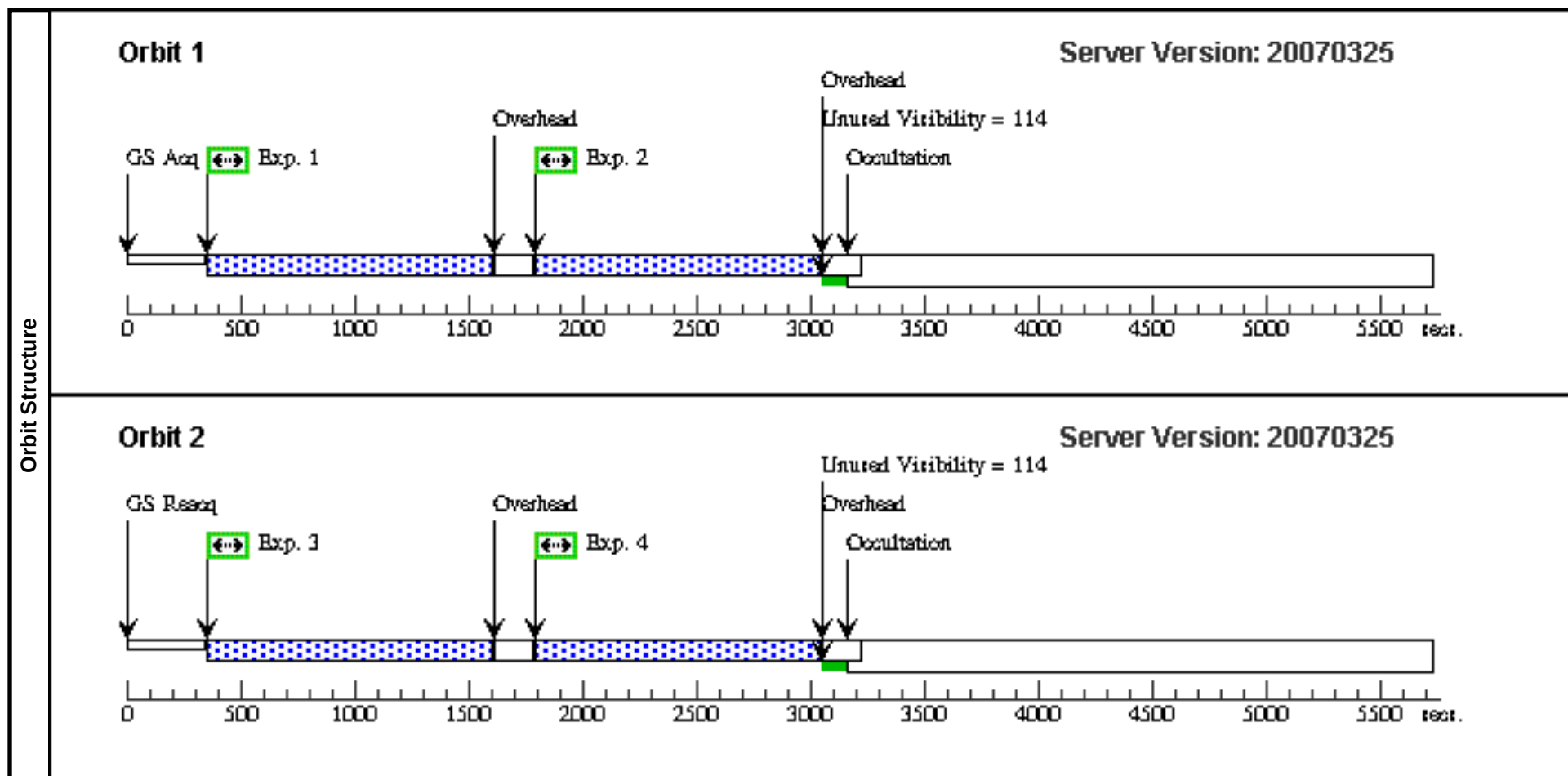
Server Version: 20070325

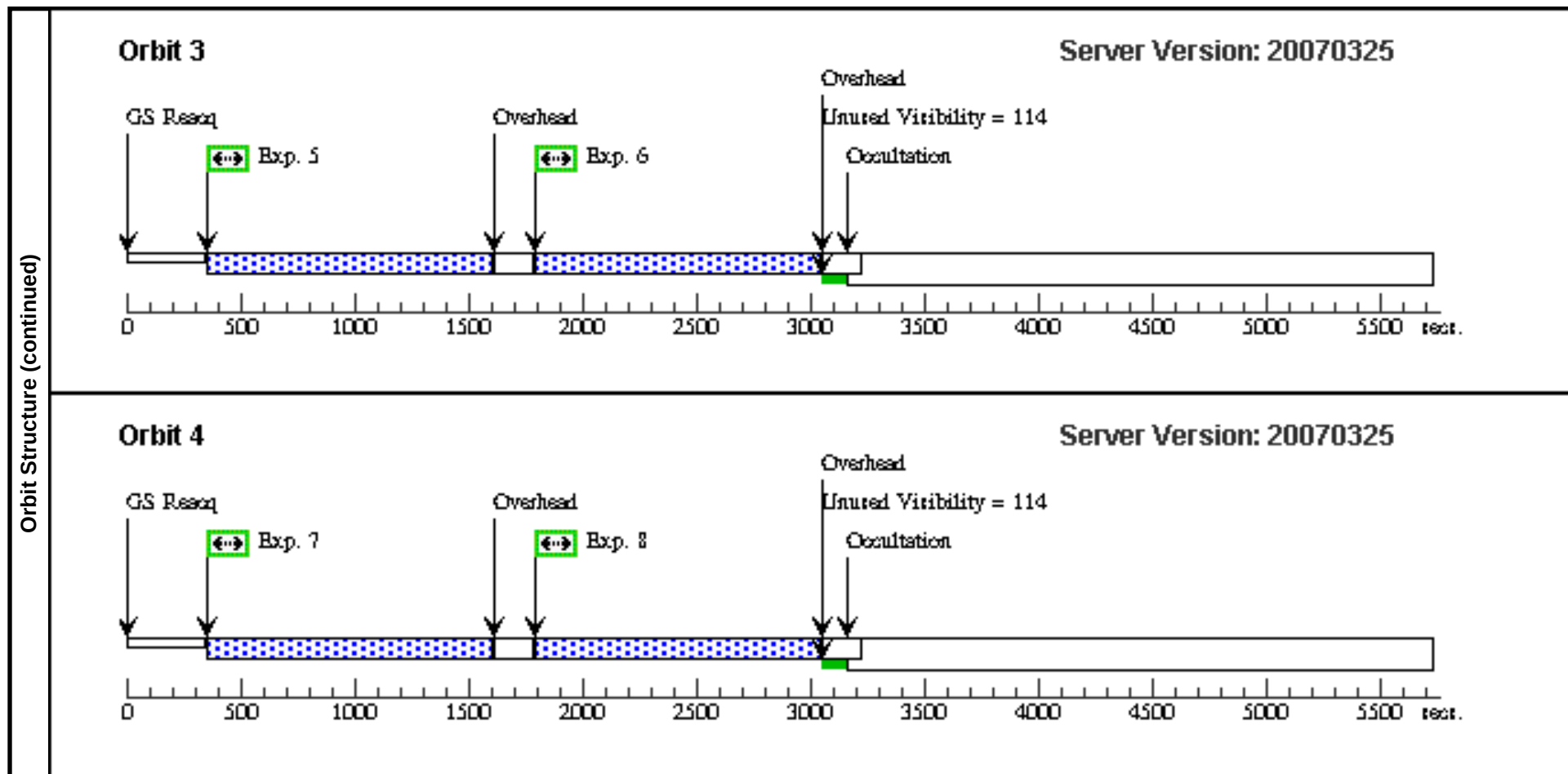


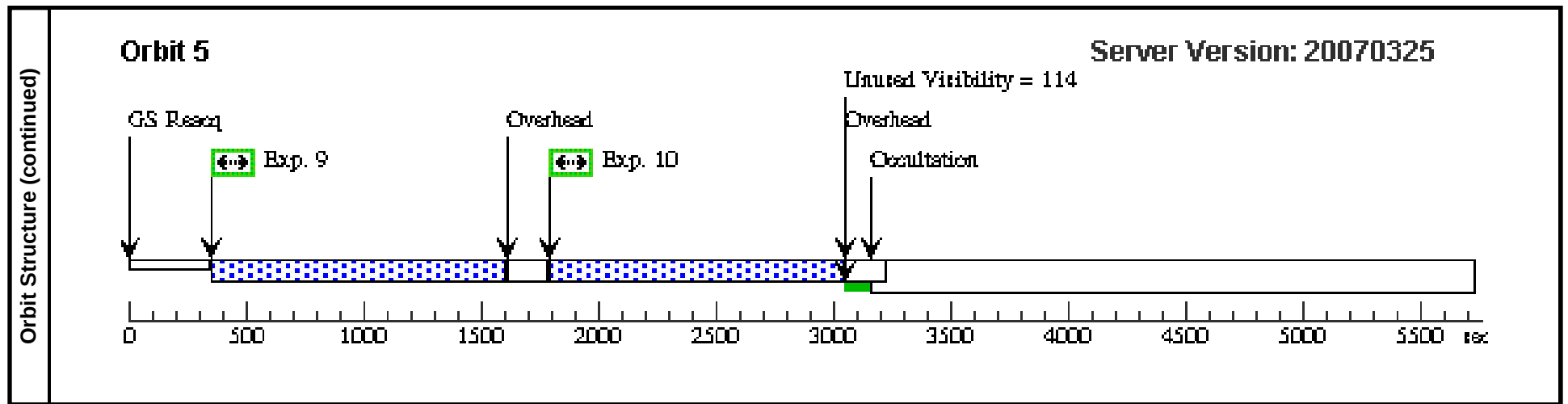


Proposal 11081 - Visit D3 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

Visit	Proposal 11081, Visit D3, scheduling Fri Jul 06 01:15:43 GMT 2007 Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: SAME ORIENT AS D1; AFTER D2 BY 0 D TO 11 Orbits; ON HOLD Comments: Minimize time between D2 and D3. On Hold Comments: Execute either visit D0 or visits D1-D3. Visit D0 is preferred.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord.	Corrections	Fluxes	Miscellaneous			
	(5)	G105	RA: 00 41 43.1700 (10.4298750d) Dec: +40 12 22.76 (40.20632d) Equinox: J2000			V=16.31+/-0.2	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	G105_D3_V 10	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	2	G105_D3_I 10	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	3	G105_D3_V 11	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	4	G105_D3_I 11	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	5	G105_D3_V 12	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	6	G105_D3_I 12	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	7	G105_D3_V 13	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	8	G105_D3_I 13	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]
	9	G105_D3_V 14	(5) G105	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-Int	1100.0 Secs [==>]	[5]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	10	G105_D3_I 14	(5) G105	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-Int	1100.0 Secs [==>]	[5]







Proposal 11081 - Visit E0 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

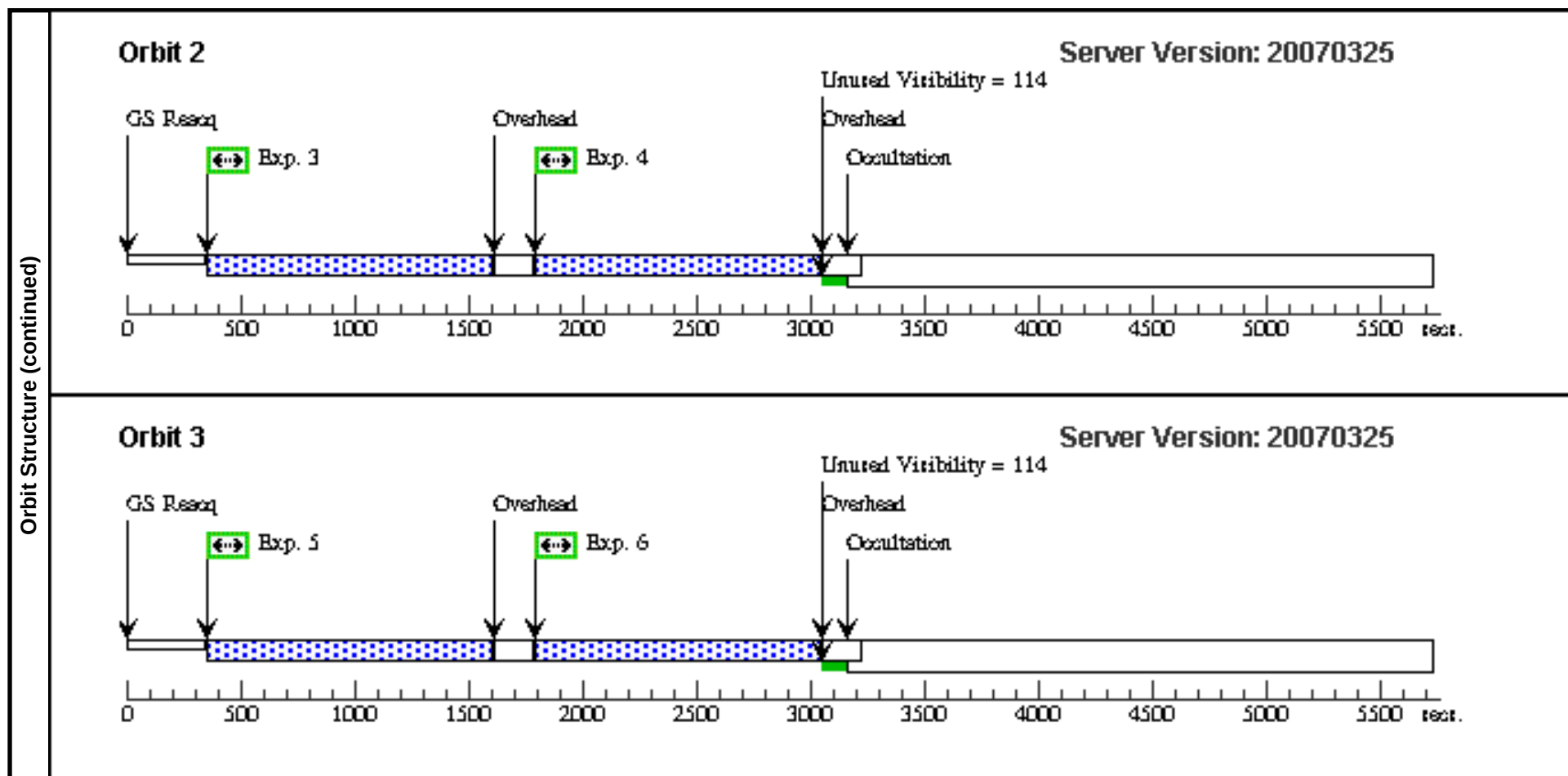
Visit	Proposal 11081, Visit E0, scheduling Fri Jul 06 01:15:43 GMT 2007									
	Diagnostic Status: Warning Scientific Instruments: WFPC2 Special Requirements: ON HOLD <i>On Hold Comments: Execute either visit E0 or visits E1-E3. Visit E0 is preferred.</i>									
Diagnostics	(Visit E0) Warning: LONG SU LIKELY TO INTERSECT THE SAA									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	G76	RA: 00 40 58.8500 (10.2452083d) Dec: +40 35 48.54 (40.59682d) Equinox: J2000		V=14.25+/-0.2	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	G76_E0_V0	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	2	G76_E0_I0	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	3	G76_E0_V1	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	4	G76_E0_I1	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	5	G76_E0_V2	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	6	G76_E0_I2	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	7	G76_E0_V3	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	8	G76_E0_I3	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]

Proposal 11081 - Visit E0 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	9	G76_E0_V4	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-Int	1100.0 Secs [==>]	[5]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	10	G76_E0_I4	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-Int	1100.0 Secs [==>]	[5]
	11	G76_E0_V5	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 11-12 Non-Int	1100.0 Secs [==>]	[6]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	12	G76_E0_I5	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 11-12 Non-Int	1100.0 Secs [==>]	[6]
	13	G76_E0_V6	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 13-14 Non-Int	1100.0 Secs [==>]	[7]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	14	G76_E0_I6	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 13-14 Non-Int	1100.0 Secs [==>]	[7]
	15	G76_E0_V7	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 15-16 Non-Int	1100.0 Secs [==>]	[8]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	16	G76_E0_I7	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 15-16 Non-Int	1100.0 Secs [==>]	[8]
	17	G76_E0_V8	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 17-18 Non-Int	1100.0 Secs [==>]	[9]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	18	G76_E0_I8	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 17-18 Non-Int	1100.0 Secs [==>]	[9]
	19	G76_E0_V9	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 19-20 Non-Int	1100.0 Secs [==>]	[10]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	20	G76_E0_I9	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 19-20 Non-Int	1100.0 Secs [==>]	[10]
	21	G76_E0_V10	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 21-22 Non-Int	1100.0 Secs [==>]	[11]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	22	G76_E0_I10	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 21-22 Non-Int	1100.0 Secs [==>]	[11]
	23	G76_E0_V11	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 23-24 Non-Int	1100.0 Secs [==>]	[12]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									

Proposal 11081 - Visit E0 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

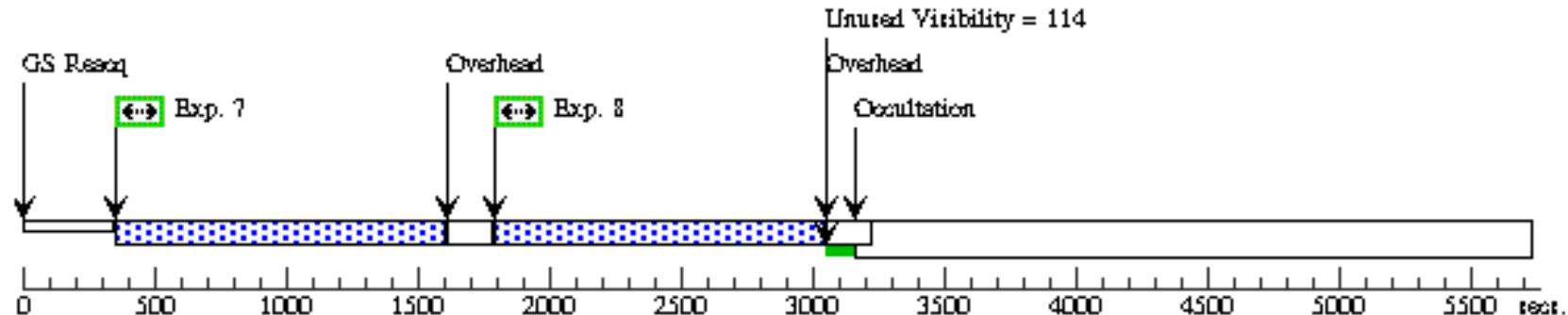
Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	24	G76_E0_I11	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 23-24 Non-Int	1100.0 Secs [==>]	[12]
	25	G76_E0_V1 2	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 25-26 Non-Int	1100.0 Secs [==>]	[13]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	26	G76_E0_I12	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 25-26 Non-Int	1100.0 Secs [==>]	[13]
	27	G76_E0_V1 3	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 27-28 Non-Int	1100.0 Secs [==>]	[14]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	28	G76_E0_I13	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 27-28 Non-Int	1100.0 Secs [==>]	[14]
	29	G76_E0_V1 4	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 29-30 Non-Int	1100.0 Secs [==>]	[15]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	30	G76_E0_I14	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 29-30 Non-Int	1100.0 Secs [==>]	[15]
Orbit Structure	Orbit 1 Server Version: 20070325									



Orbit Structure (continued)

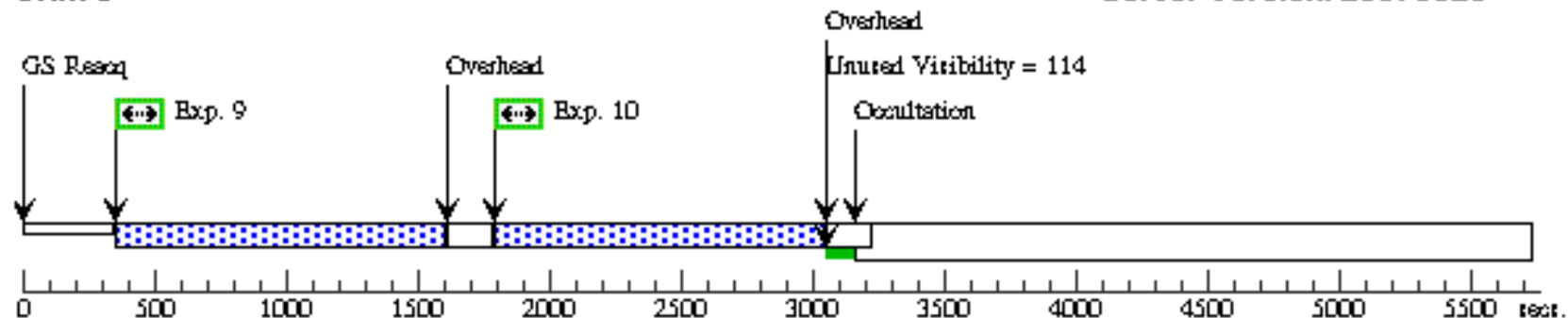
Orbit 4

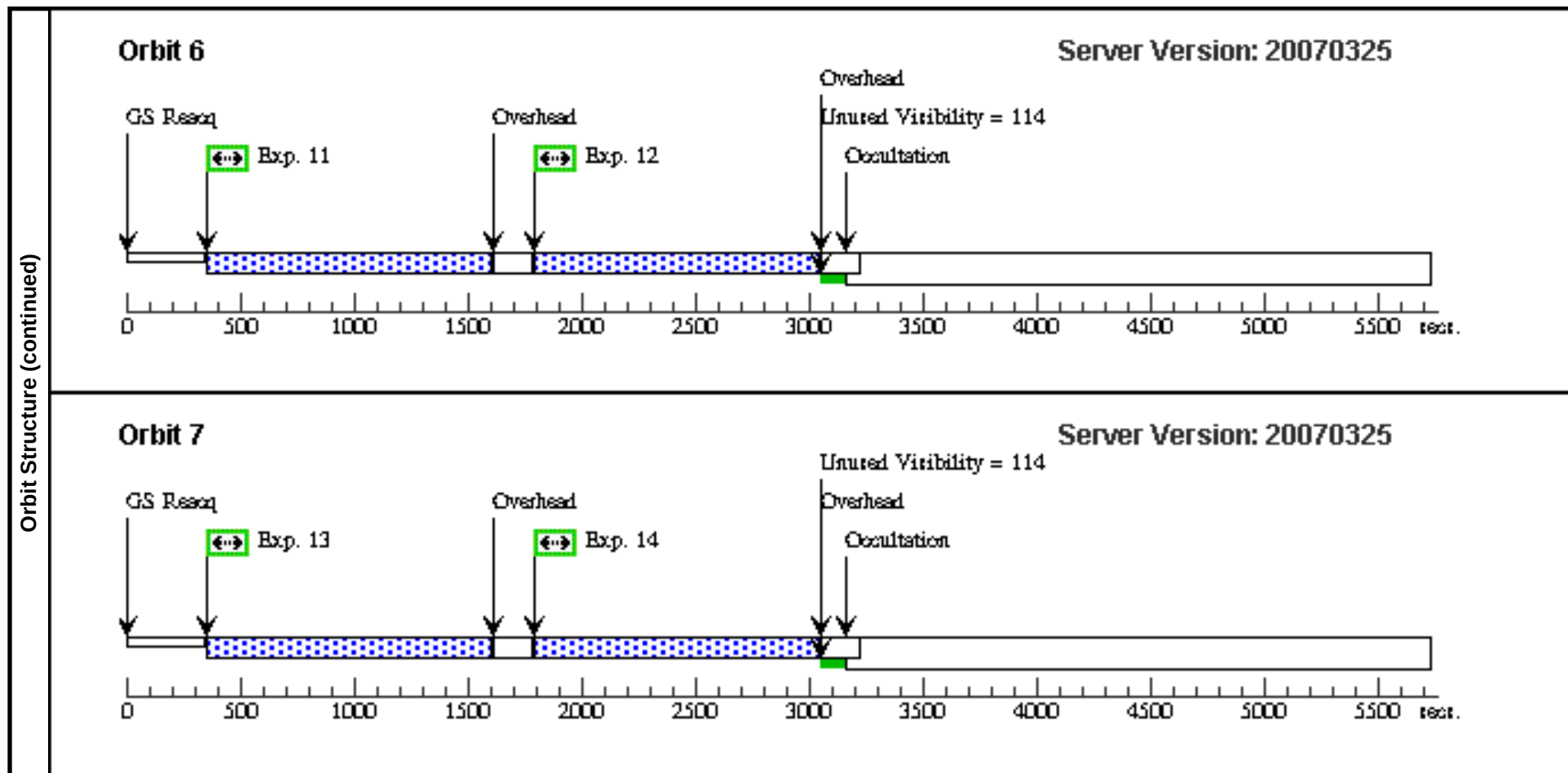
Server Version: 20070325



Orbit 5

Server Version: 20070325

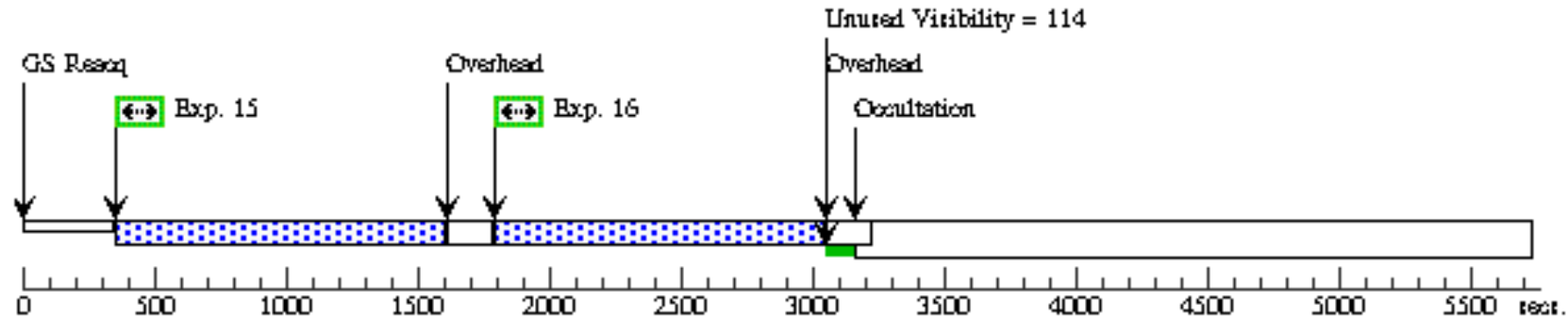




Orbit Structure (continued)

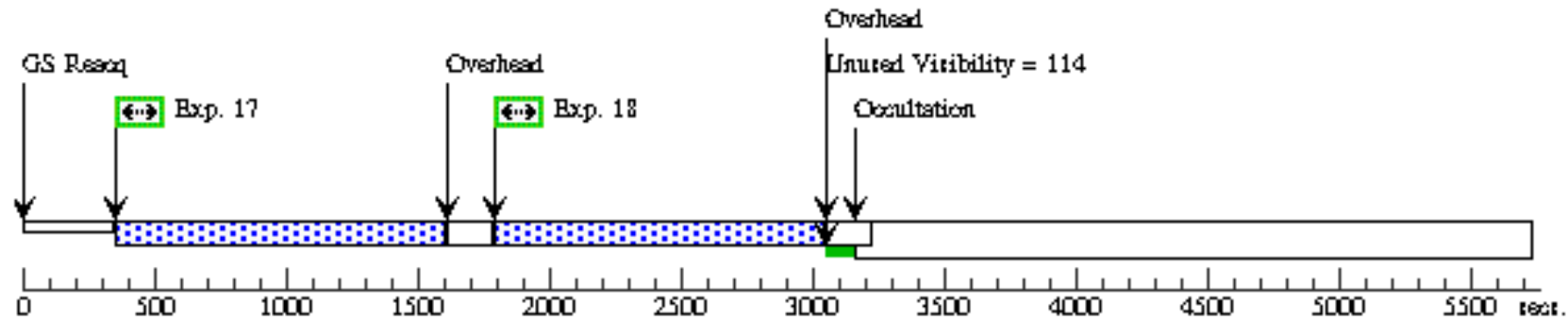
Orbit 8

Server Version: 20070325



Orbit 9

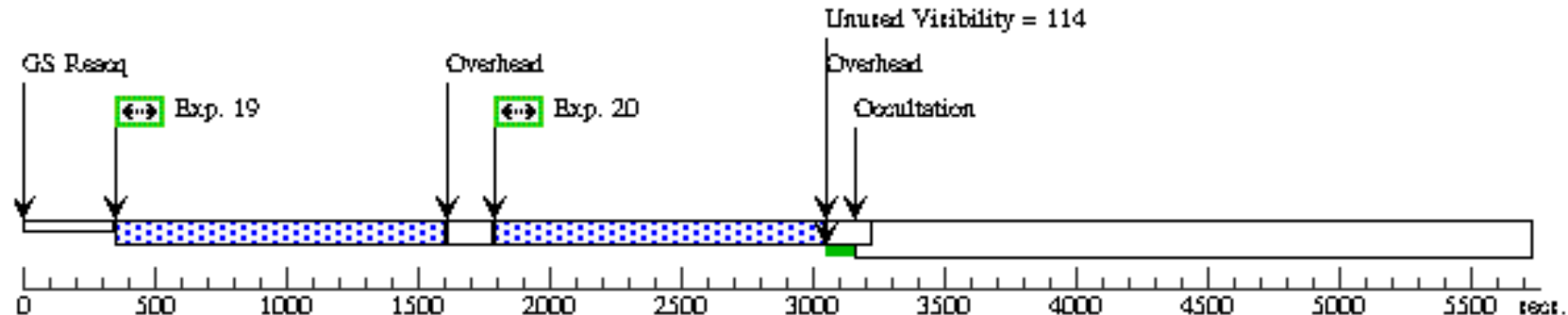
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Orbit Structure (continued)

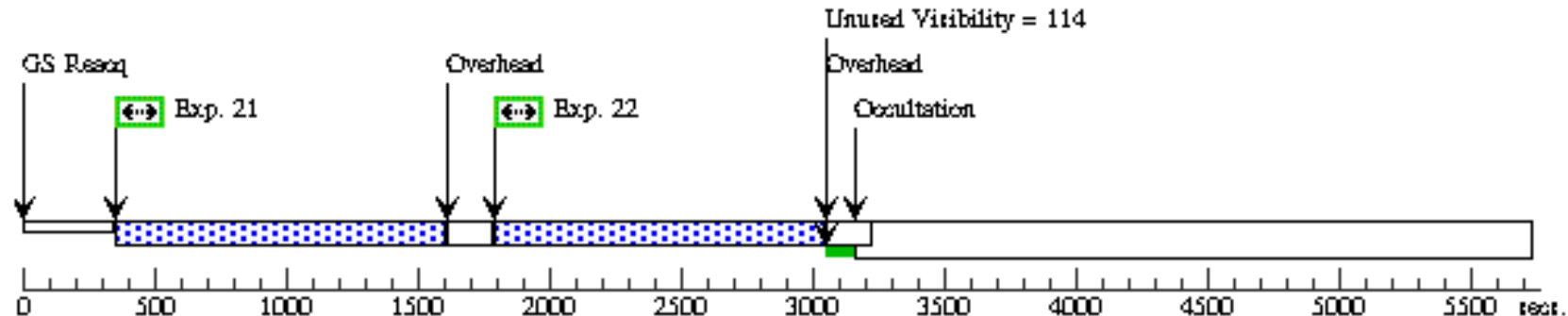
Orbit 10

Server Version: 20070325



Orbit 11

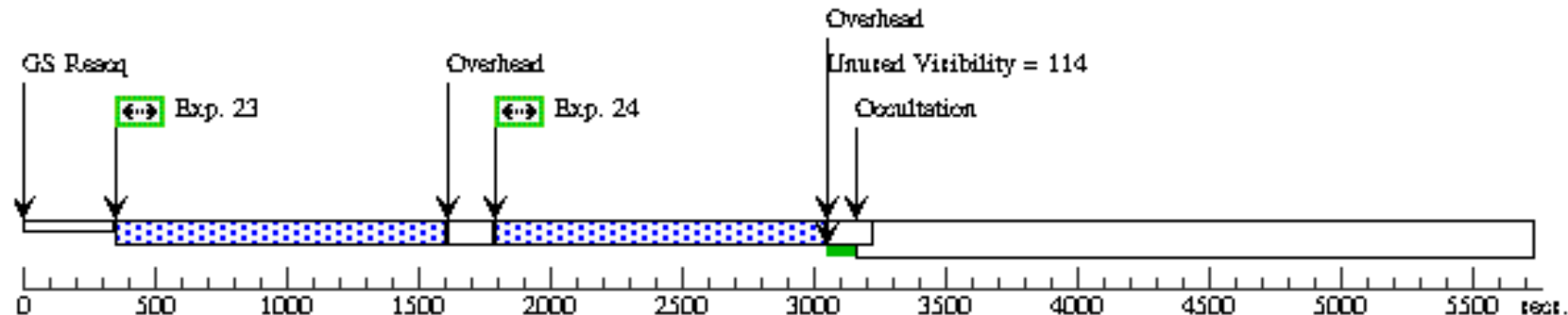
Server Version: 20070325



Orbit Structure (continued)

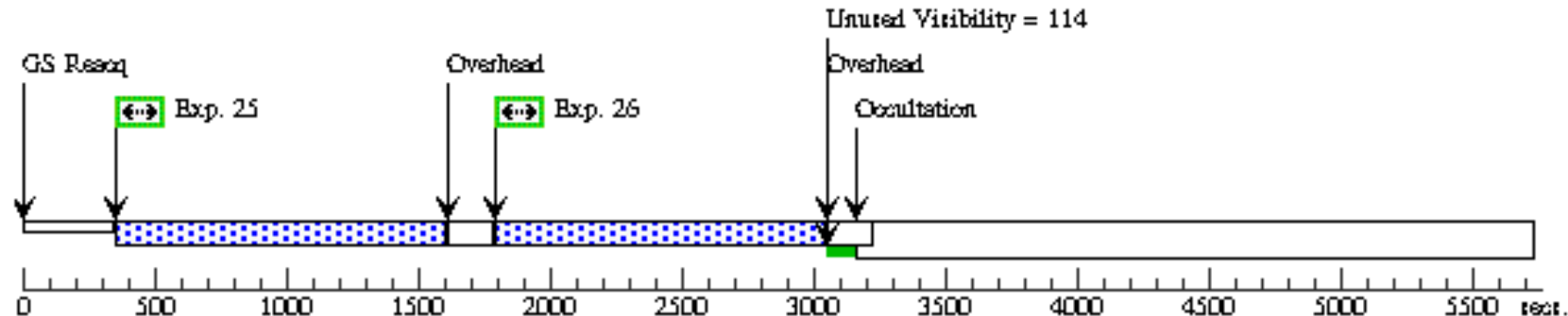
Orbit 12

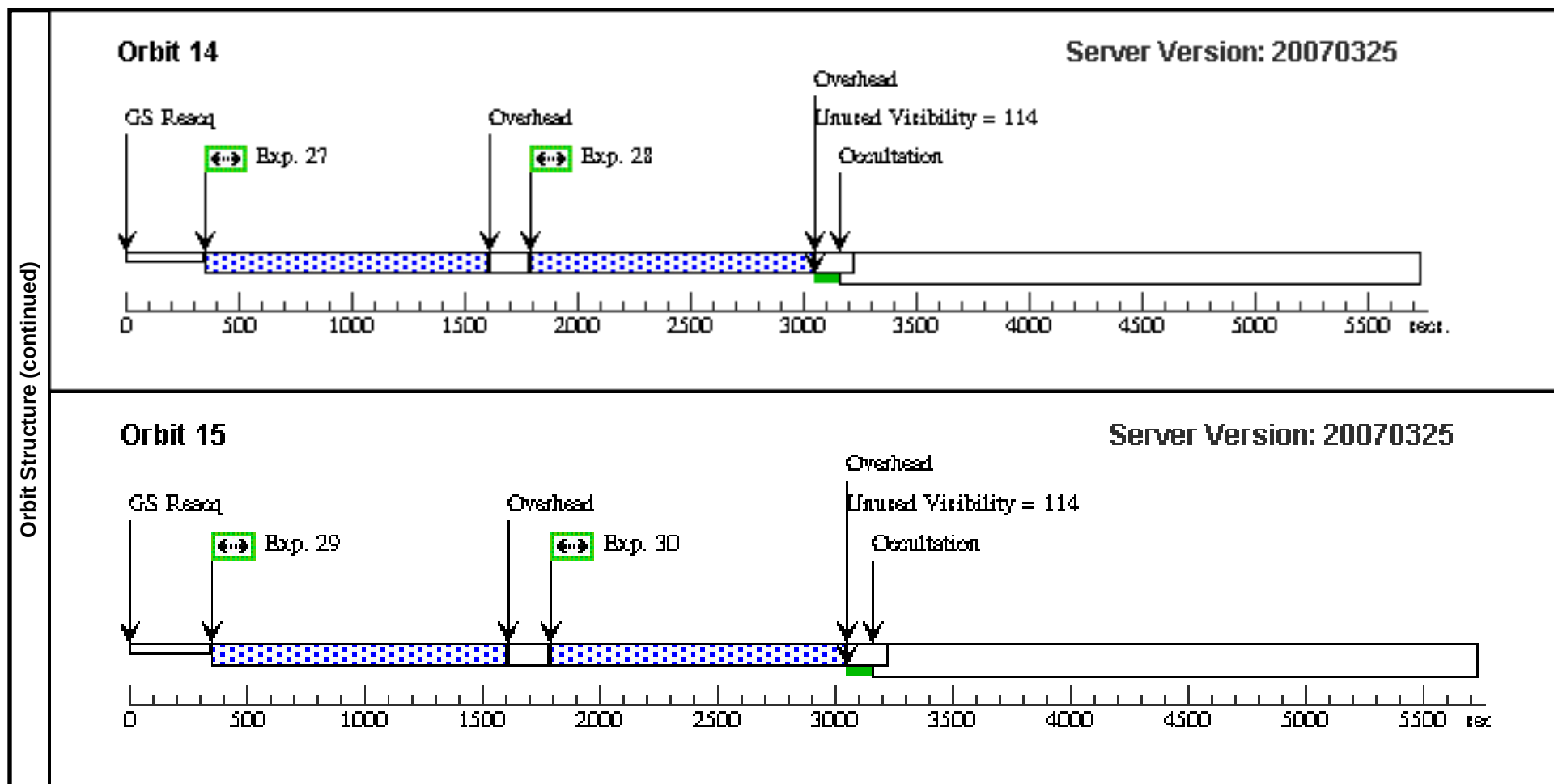
Server Version: 20070325



Orbit 13

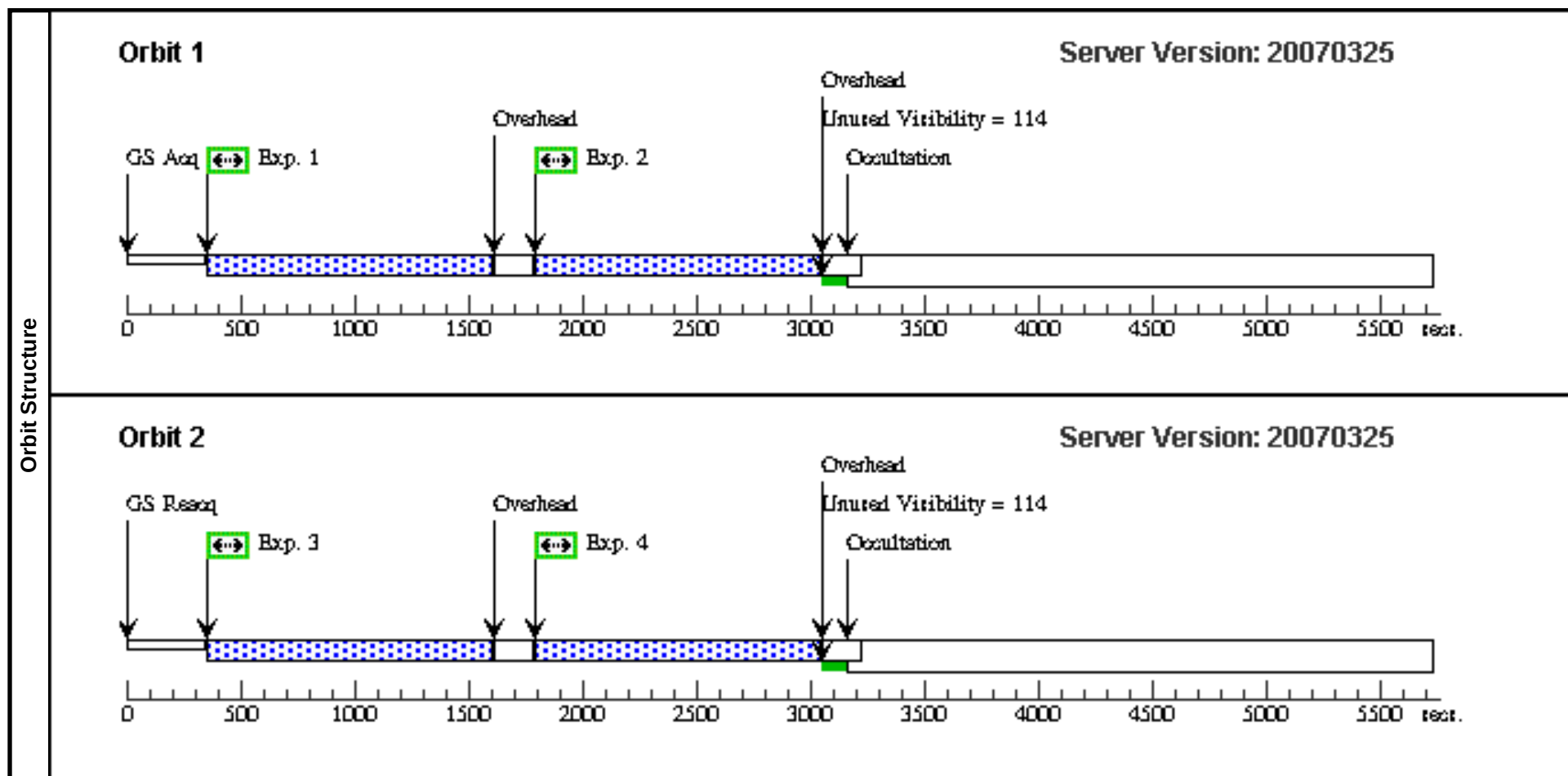
Server Version: 20070325

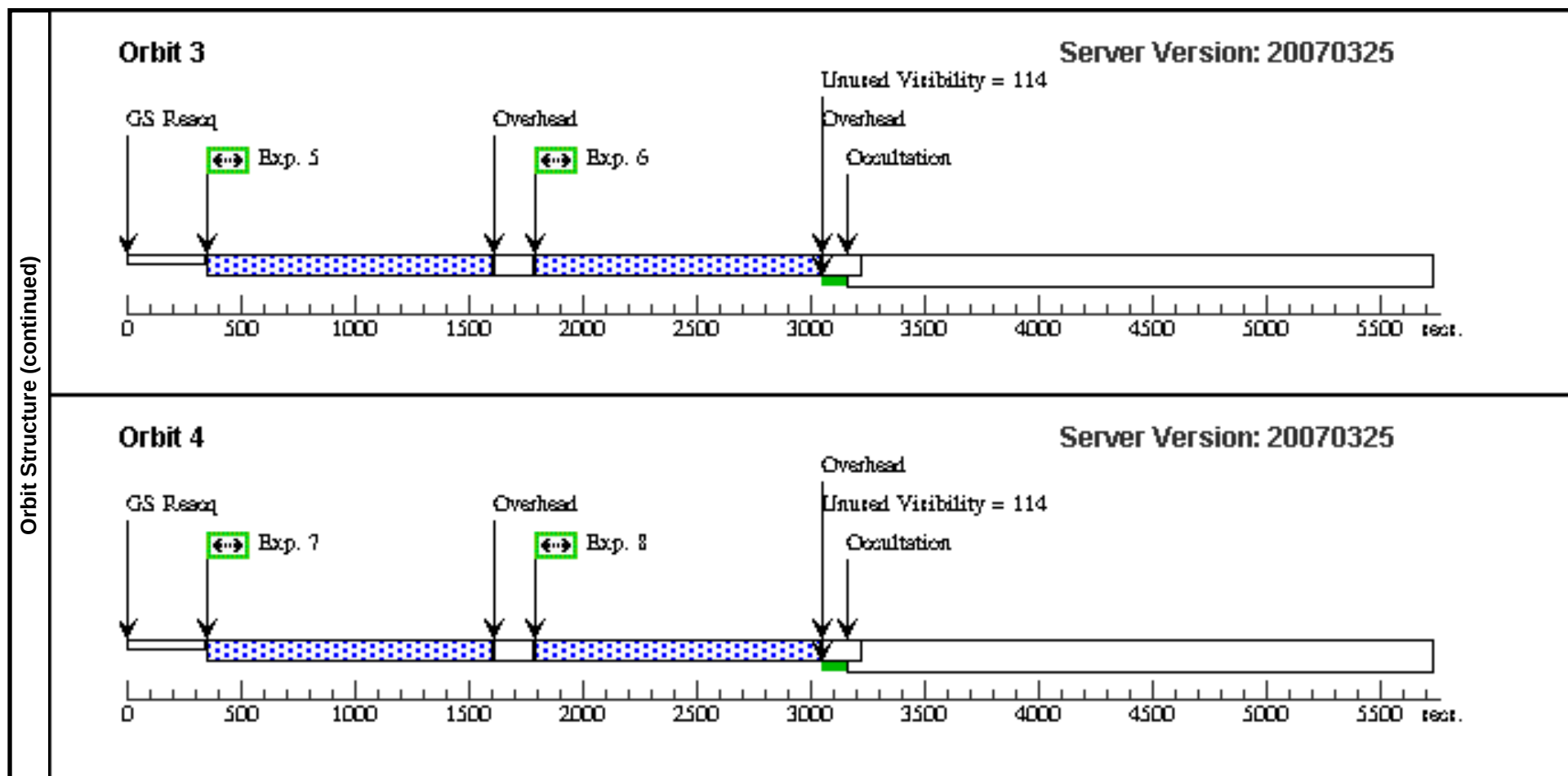


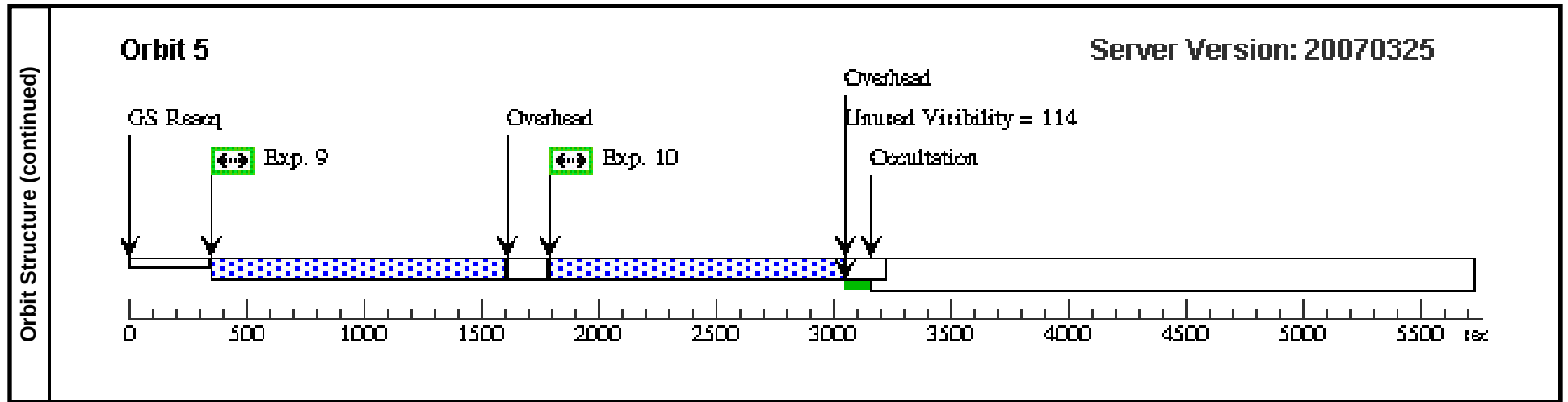


Proposal 11081 - Visit E1 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

Visit	Proposal 11081, Visit E1, implementation									Fri Jul 06 01:15:46 GMT 2007
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFPC2									
	Special Requirements: ON HOLD									
On Hold Comments: Execute either visit E0 or visits E1-E3. Visit E0 is preferred.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(3)	G76	RA: 00 40 58.8500 (10.2452083d) Dec: +40 35 48.54 (40.59682d) Equinox: J2000				V=14.25+/-0.2		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	G76_E1_V0	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-In t	1100.0 Secs [==>]	 [1]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	2	G76_E1_I0	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-In t	1100.0 Secs [==>]	 [1]
	3	G76_E1_V1	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-In t	1100.0 Secs [==>]	 [2]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	4	G76_E1_I1	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-In t	1100.0 Secs [==>]	 [2]
	5	G76_E1_V2	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-In t	1100.0 Secs [==>]	 [3]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	6	G76_E1_I2	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-In t	1100.0 Secs [==>]	 [3]
	7	G76_E1_V3	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-In t	1100.0 Secs [==>]	 [4]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	8	G76_E1_I3	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-In t	1100.0 Secs [==>]	 [4]
	9	G76_E1_V4	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-I nt	1100.0 Secs [==>]	 [5]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	10	G76_E1_I4	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-I nt	1100.0 Secs [==>]	 [5]

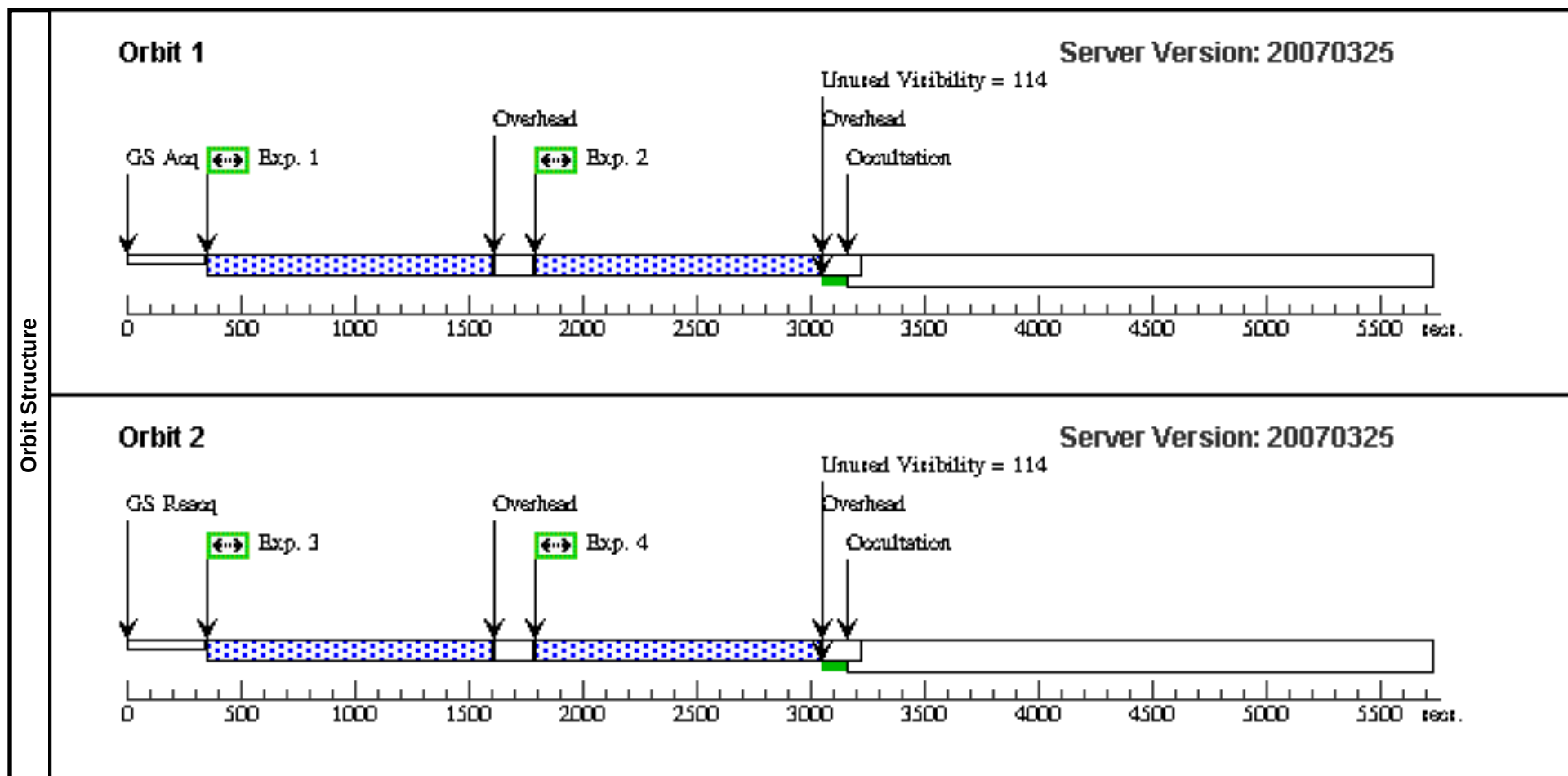






Proposal 11081 - Visit E2 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

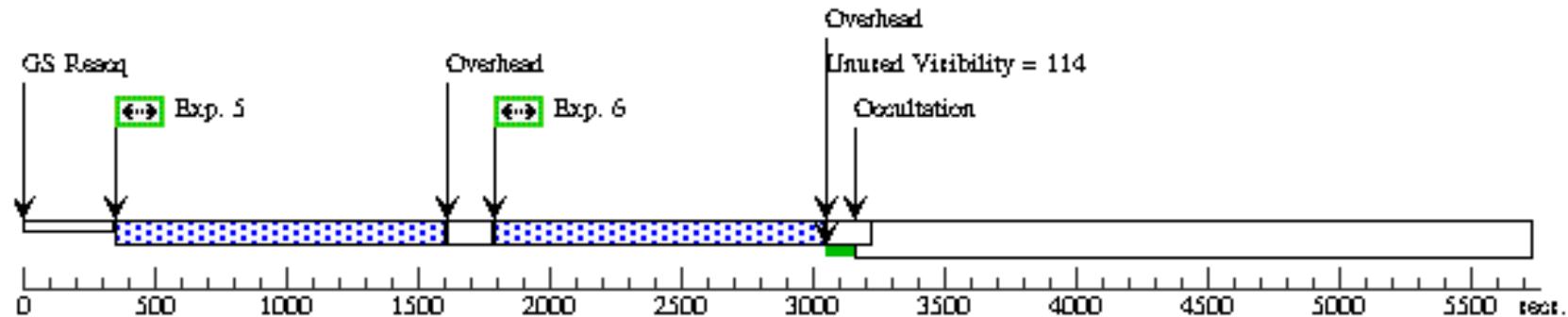
Visit	Proposal 11081, Visit E2, implementation Fri Jul 06 01:15:46 GMT 2007									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: SAME ORIENT AS E1; AFTER E1 BY 0 Orbits TO 11 Orbits; ON HOLD Comments: Minimize time between E1 and E2. On Hold Comments: Execute either visit E0 or visits E1-E3. Visit E0 is preferred.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	G76	RA: 00 40 58.8500 (10.2452083d) Dec: +40 35 48.54 (40.59682d) Equinox: J2000		V=14.25+/-0.2	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	G76_E2_V5	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	2	G76_E2_I5	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	3	G76_E2_V6	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	4	G76_E2_I6	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	5	G76_E2_V7	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	6	G76_E2_I7	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	7	G76_E2_V8	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	8	G76_E2_I8	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]
	9	G76_E2_V9	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-Int	1100.0 Secs [==>]	[5]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	10	G76_E2_I9	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-Int	1100.0 Secs [==>]	[5]



Orbit Structure (continued)

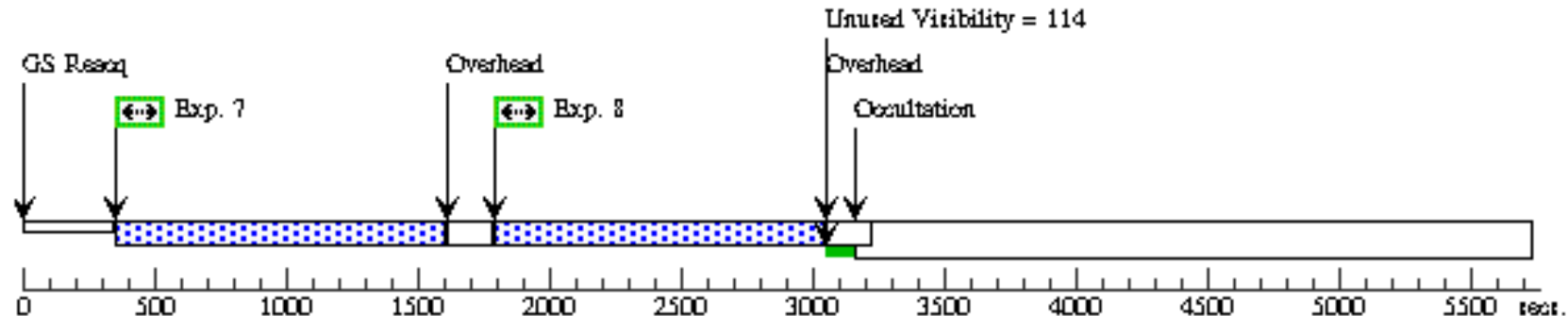
Orbit 3

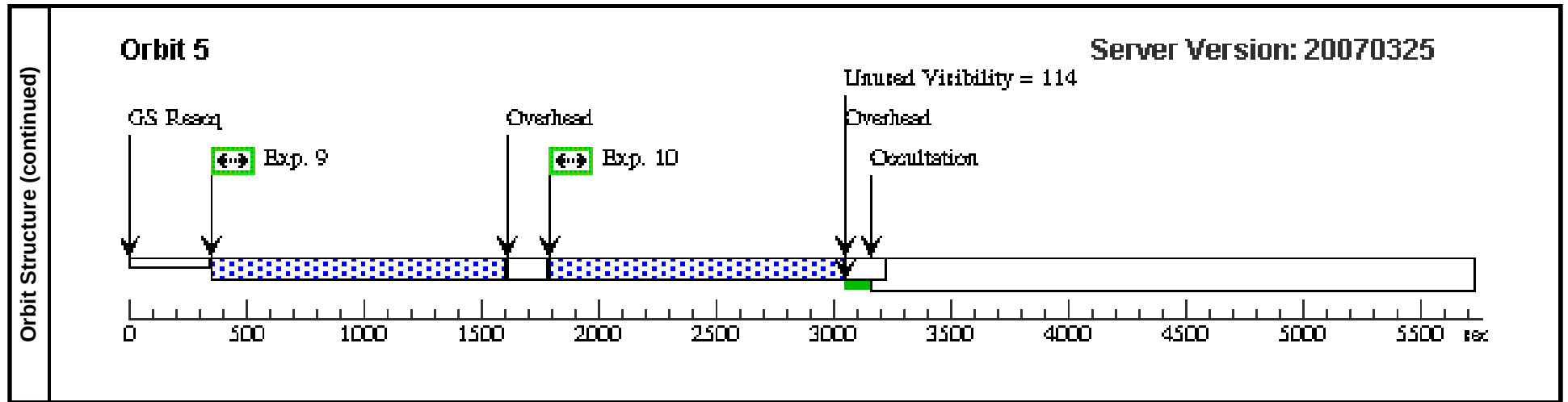
Server Version: 20070325



Orbit 4

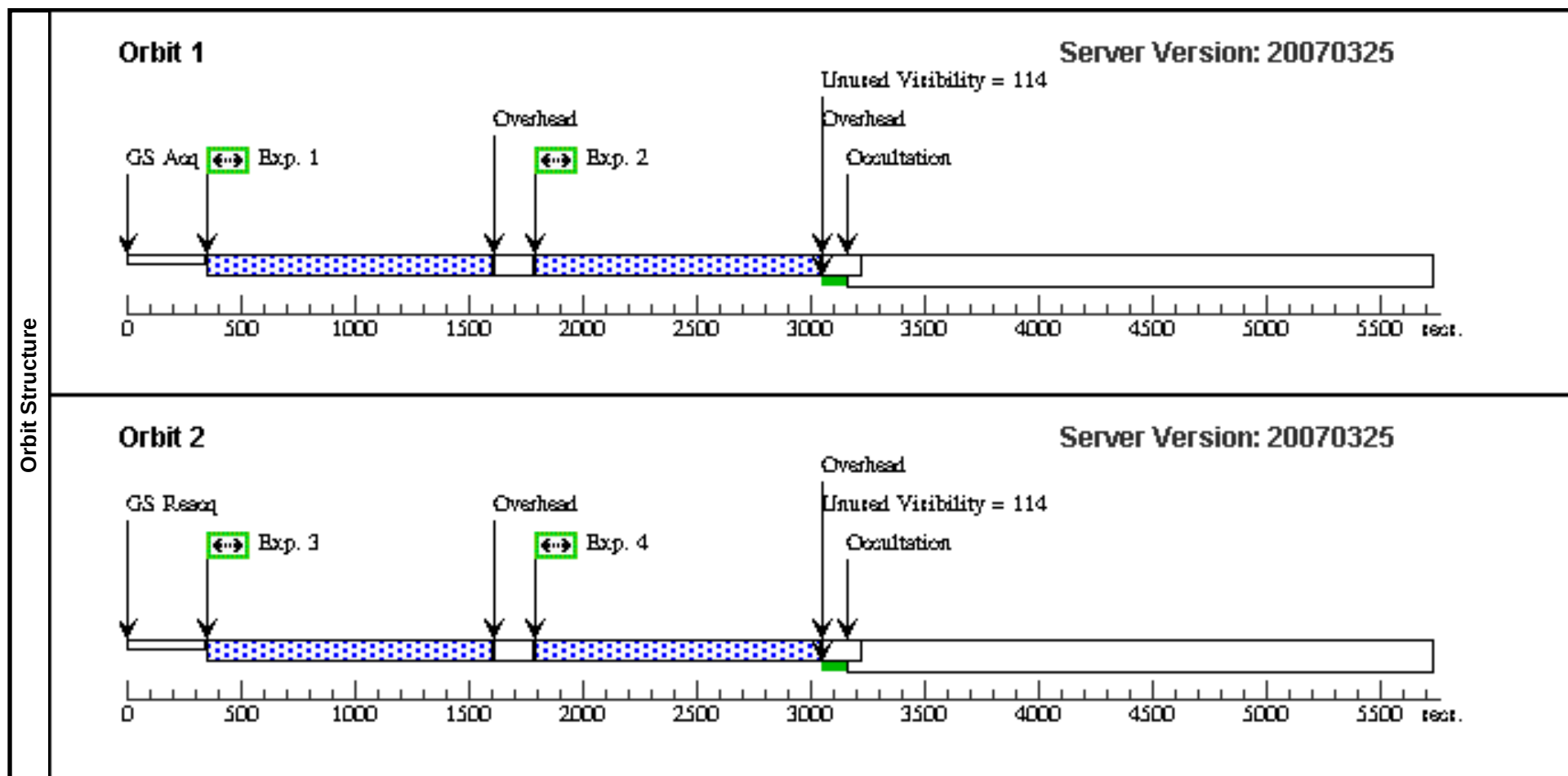
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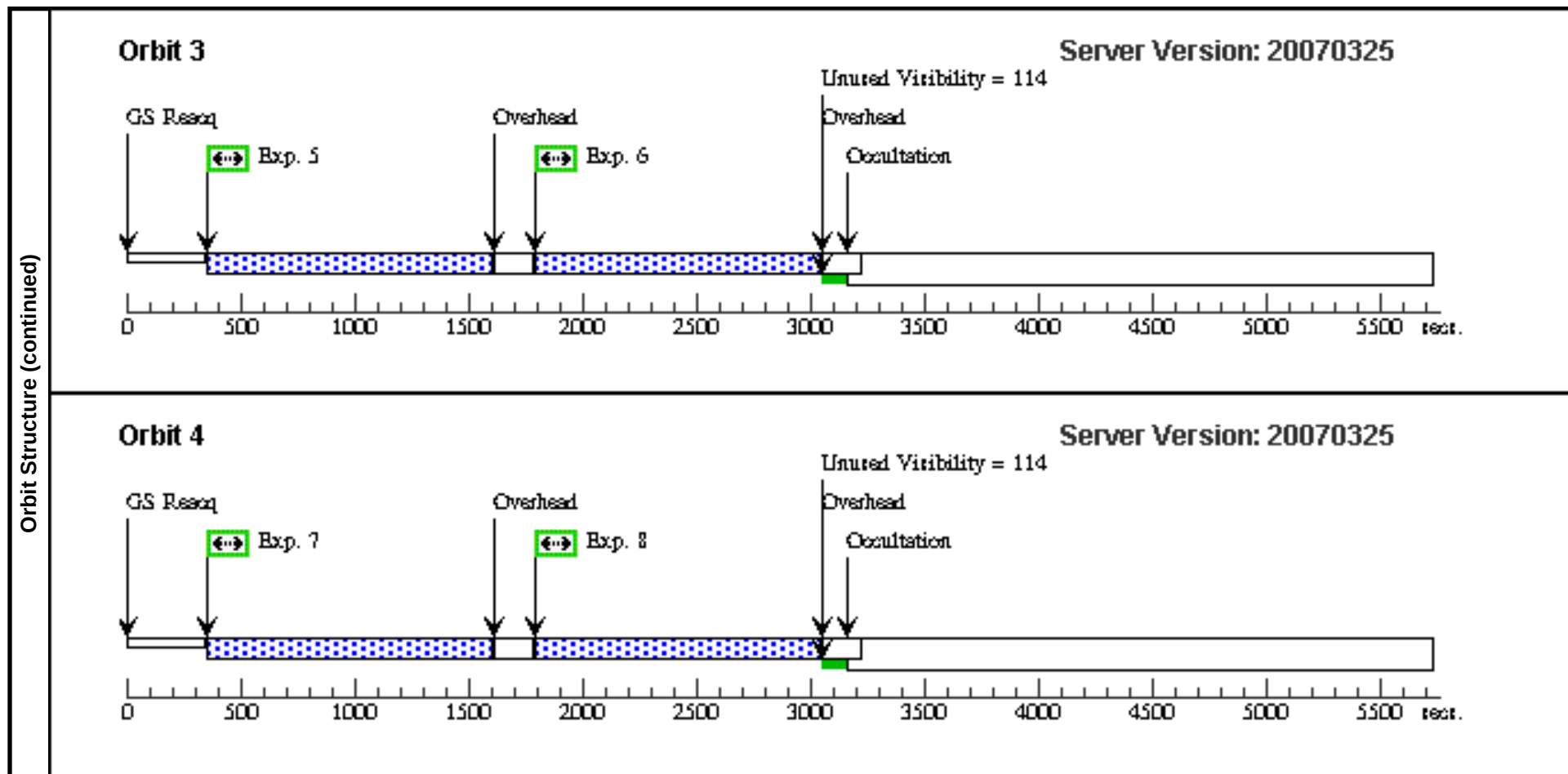


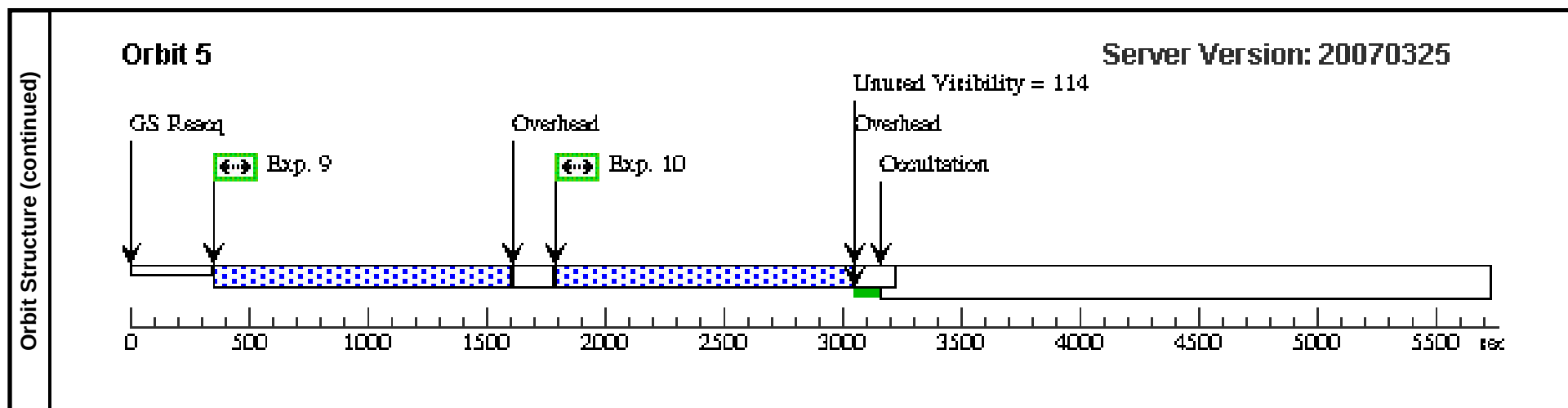


Proposal 11081 - Visit E3 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

Visit	Proposal 11081, Visit E3, implementation Fri Jul 06 01:15:47 GMT 2007									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: SAME ORIENT AS E1; AFTER E2 BY 0 Orbits TO 11 Orbits; ON HOLD Comments: Minimize time between E2 and E3. On Hold Comments: Execute either visit E0 or visits E1-E3. Visit E0 is preferred.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	G76	RA: 00 40 58.8500 (10.2452083d) Dec: +40 35 48.54 (40.59682d) Equinox: J2000		V=14.25+/-0.2	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	G76_E3_V1 0	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [=>]	[1]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	2	G76_E3_I10	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [=>]	[1]
	3	G76_E3_V1 1	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [=>]	[2]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	4	G76_E3_I11	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [=>]	[2]
	5	G76_E3_V1 2	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [=>]	[3]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	6	G76_E3_I12	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [=>]	[3]
	7	G76_E3_V1 3	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [=>]	[4]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	8	G76_E3_I13	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [=>]	[4]
	9	G76_E3_V1 4	(3) G76	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-Int	1100.0 Secs [=>]	[5]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	10	G76_E3_I14	(3) G76	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-Int	1100.0 Secs [=>]	[5]





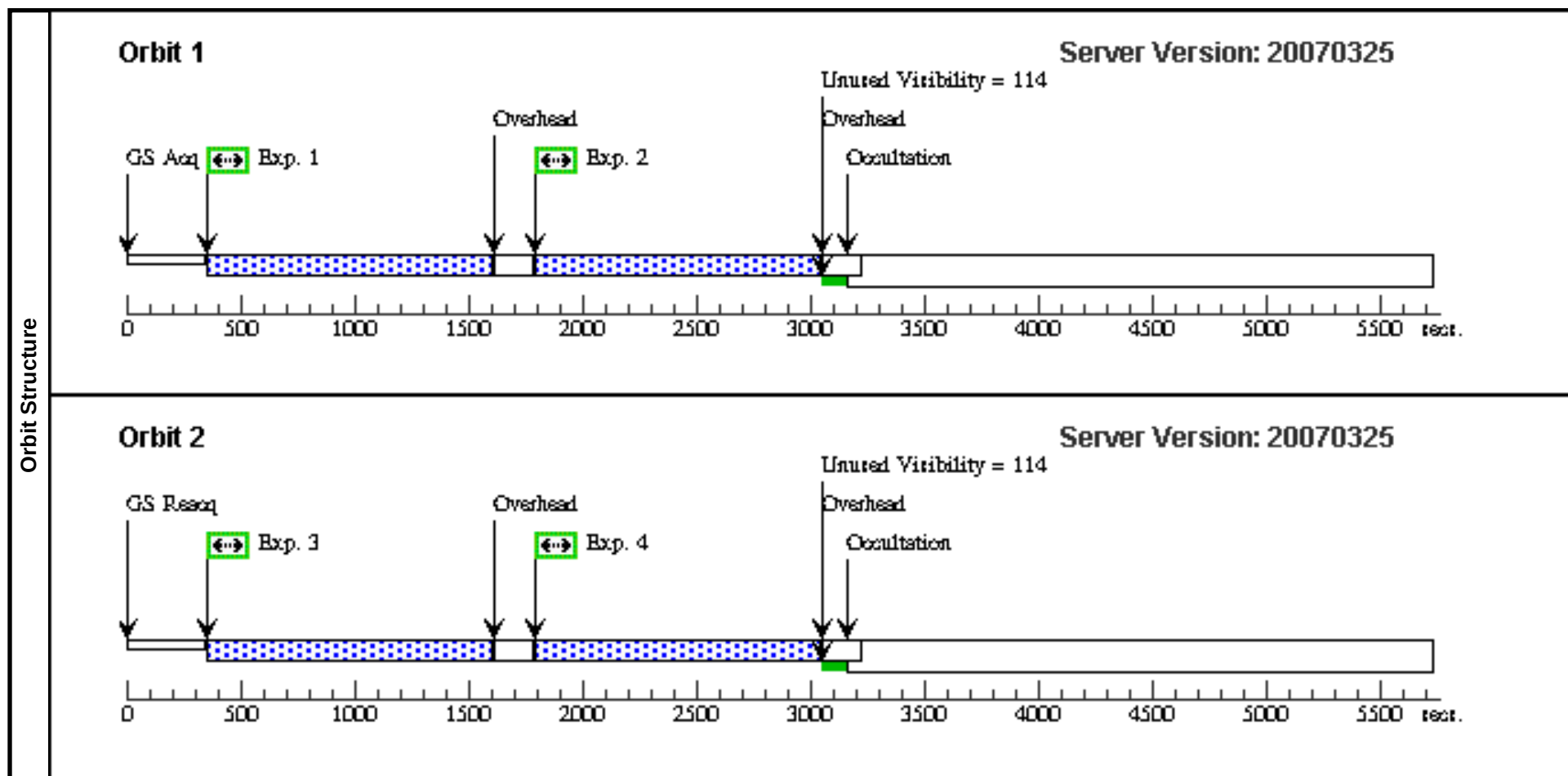


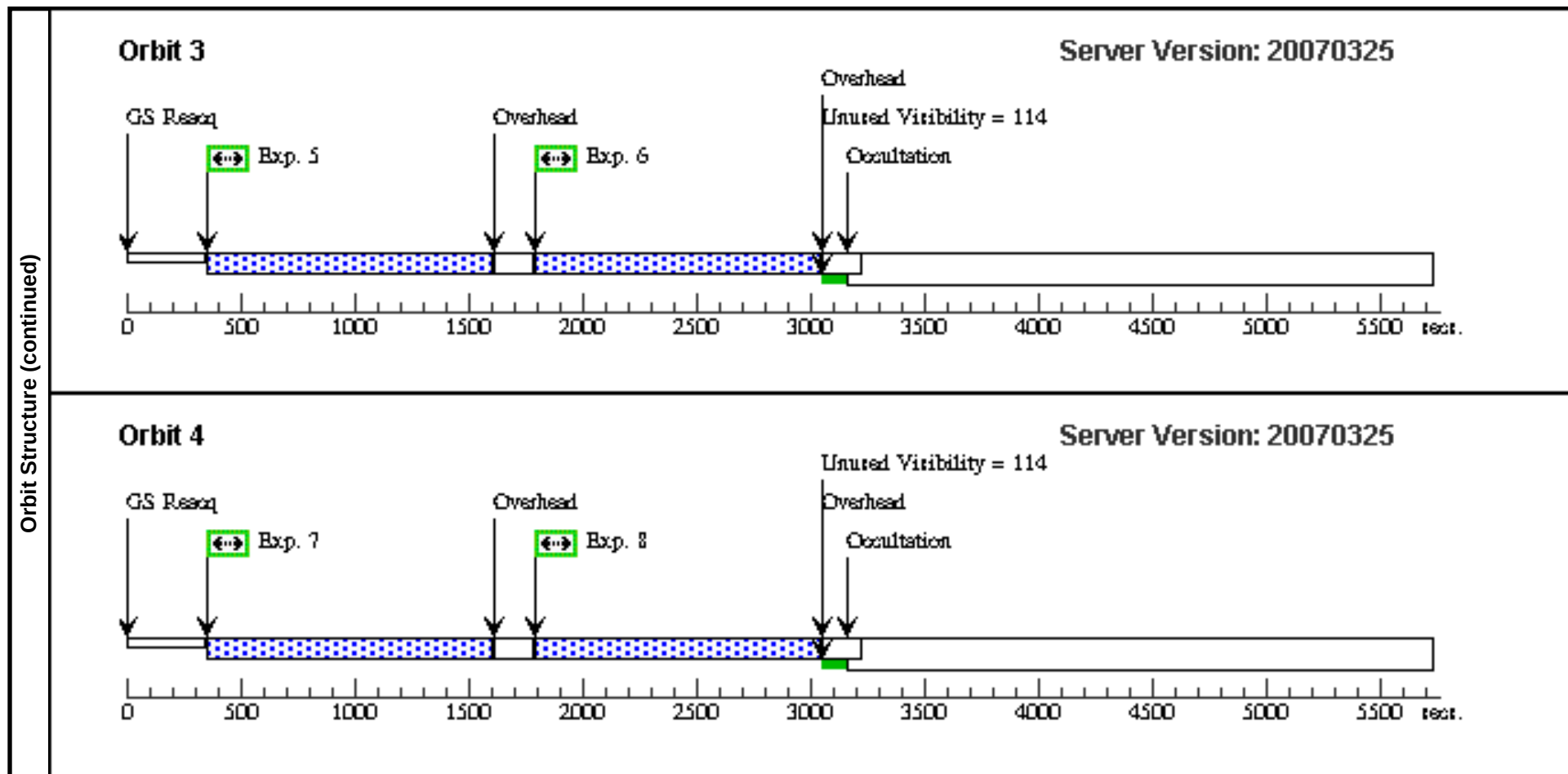
Proposal 11081 - Visit F0 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

Visit	Proposal 11081, Visit F0, scheduling Fri Jul 06 01:15:47 GMT 2007									
	Diagnostic Status: Warning Scientific Instruments: WFPC2 Special Requirements: ON HOLD <i>On Hold Comments: Execute either visit F0 or visits F1-F3. Visit F0 is preferred.</i>									
Diagnostics	(Visit F0) Warning: LONG SU LIKELY TO INTERSECT THE SAA									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	G11	RA: 00 36 20.8700 (9.0869583d) Dec: +40 53 37.09 (40.89364d) Equinox: J2000		V=16.3+/-0.2	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	G11_F0_V0	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	2	G11_F0_I0	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	3	G11_F0_V1	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	4	G11_F0_I1	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	5	G11_F0_V2	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	6	G11_F0_I2	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	7	G11_F0_V3	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	8	G11_F0_I3	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]

Proposal 11081 - Visit F0 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

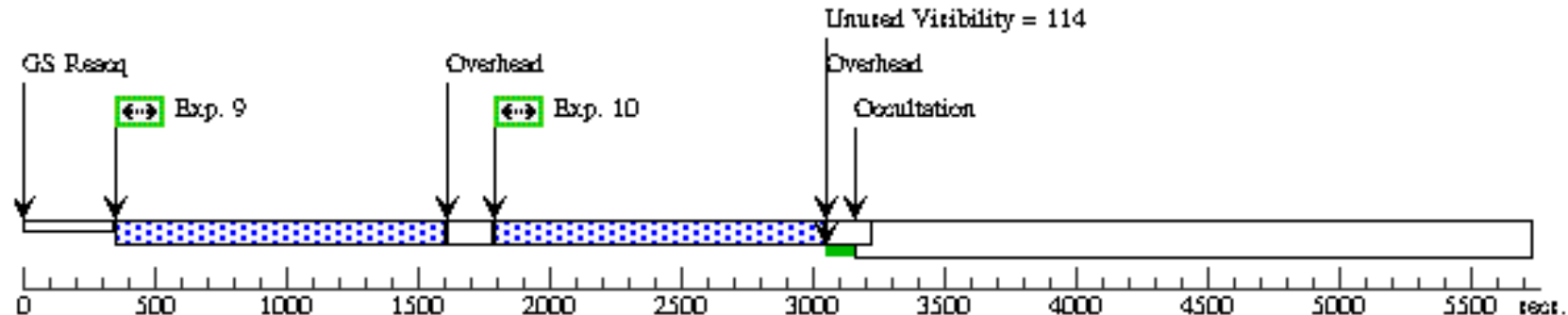
Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	9	G11_F0_V4	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-Int	1100.0 Secs [==>]	[5]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	10	G11_F0_I4	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 9-10 Non-Int	1100.0 Secs [==>]	[5]
	11	G11_F0_V5	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 11-12 Non-Int	1100.0 Secs [==>]	[6]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	12	G11_F0_I5	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 11-12 Non-Int	1100.0 Secs [==>]	[6]
	13	G11_F0_V6	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 13-14 Non-Int	1100.0 Secs [==>]	[7]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	14	G11_F0_I6	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 13-14 Non-Int	1100.0 Secs [==>]	[7]
	15	G11_F0_V7	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 15-16 Non-Int	1100.0 Secs [==>]	[8]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	16	G11_F0_I7	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 15-16 Non-Int	1100.0 Secs [==>]	[8]
	17	G11_F0_V8	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 17-18 Non-Int	1100.0 Secs [==>]	[9]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	18	G11_F0_I8	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 17-18 Non-Int	1100.0 Secs [==>]	[9]
	19	G11_F0_V9	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 19-20 Non-Int	1100.0 Secs [==>]	[10]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	20	G11_F0_I9	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 19-20 Non-Int	1100.0 Secs [==>]	[10]
	21	G11_F0_V10	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 21-22 Non-Int	1100.0 Secs [==>]	[11]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	22	G11_F0_I10	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 21-22 Non-Int	1100.0 Secs [==>]	[11]





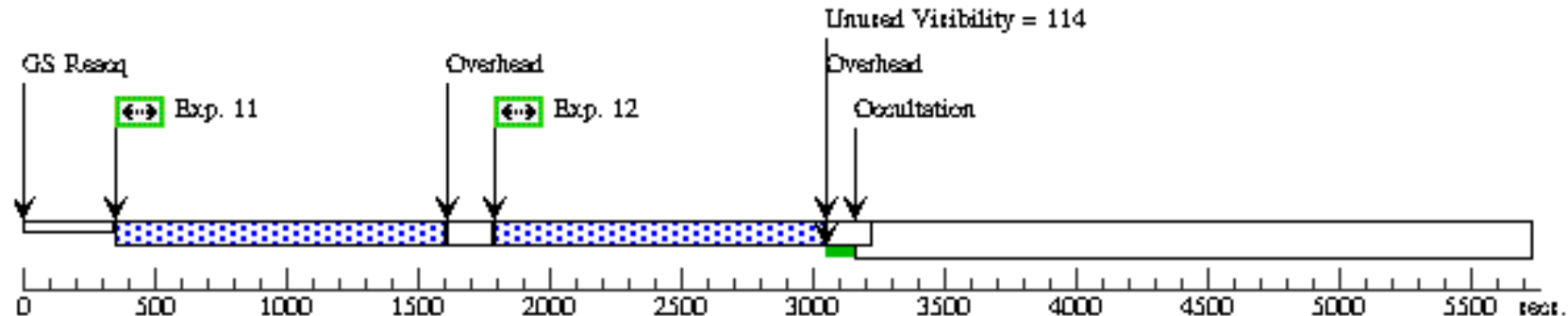
Orbit 5

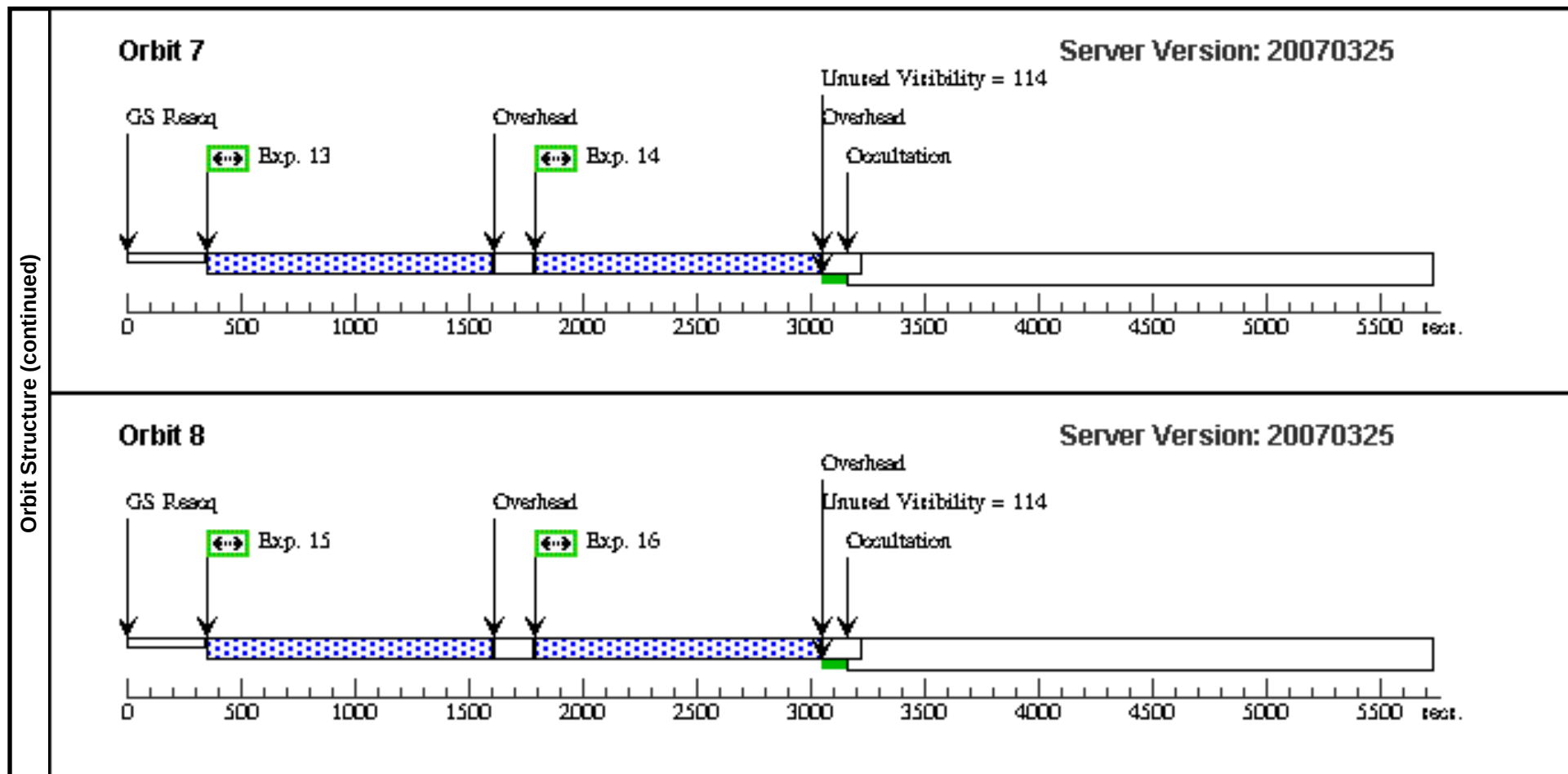
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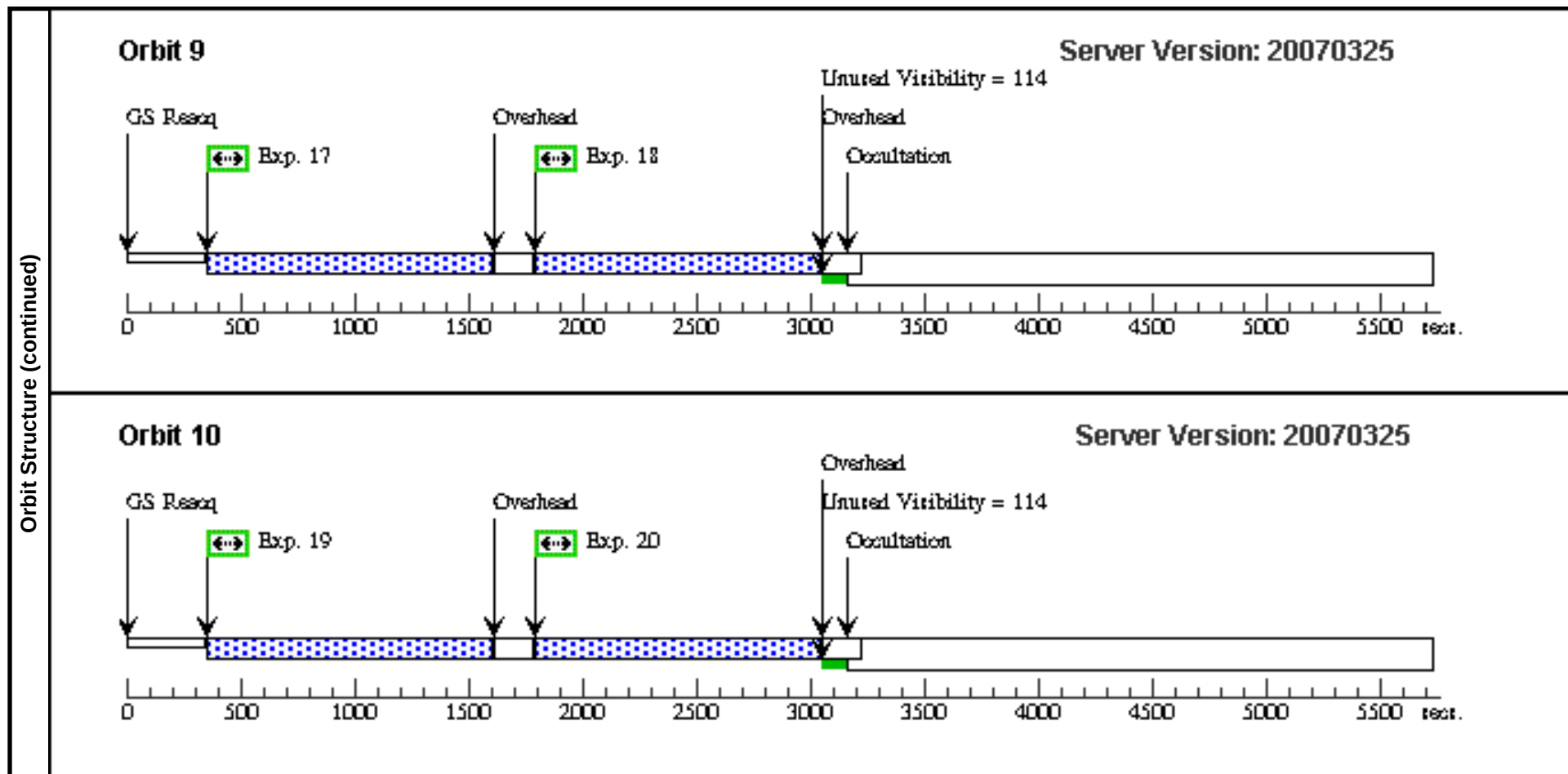


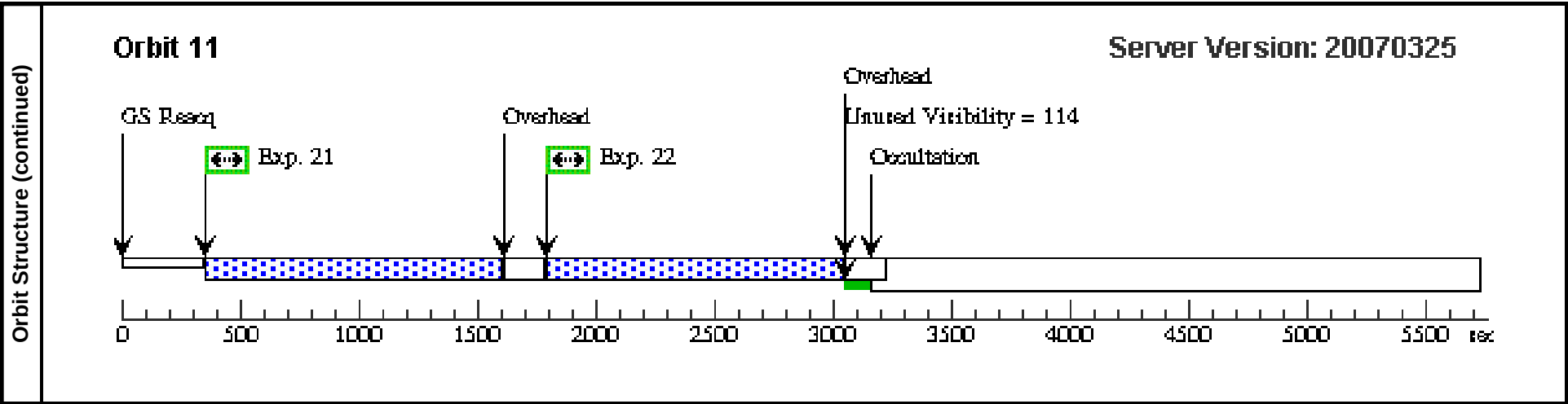
Orbit 6

Server Version: 20070325



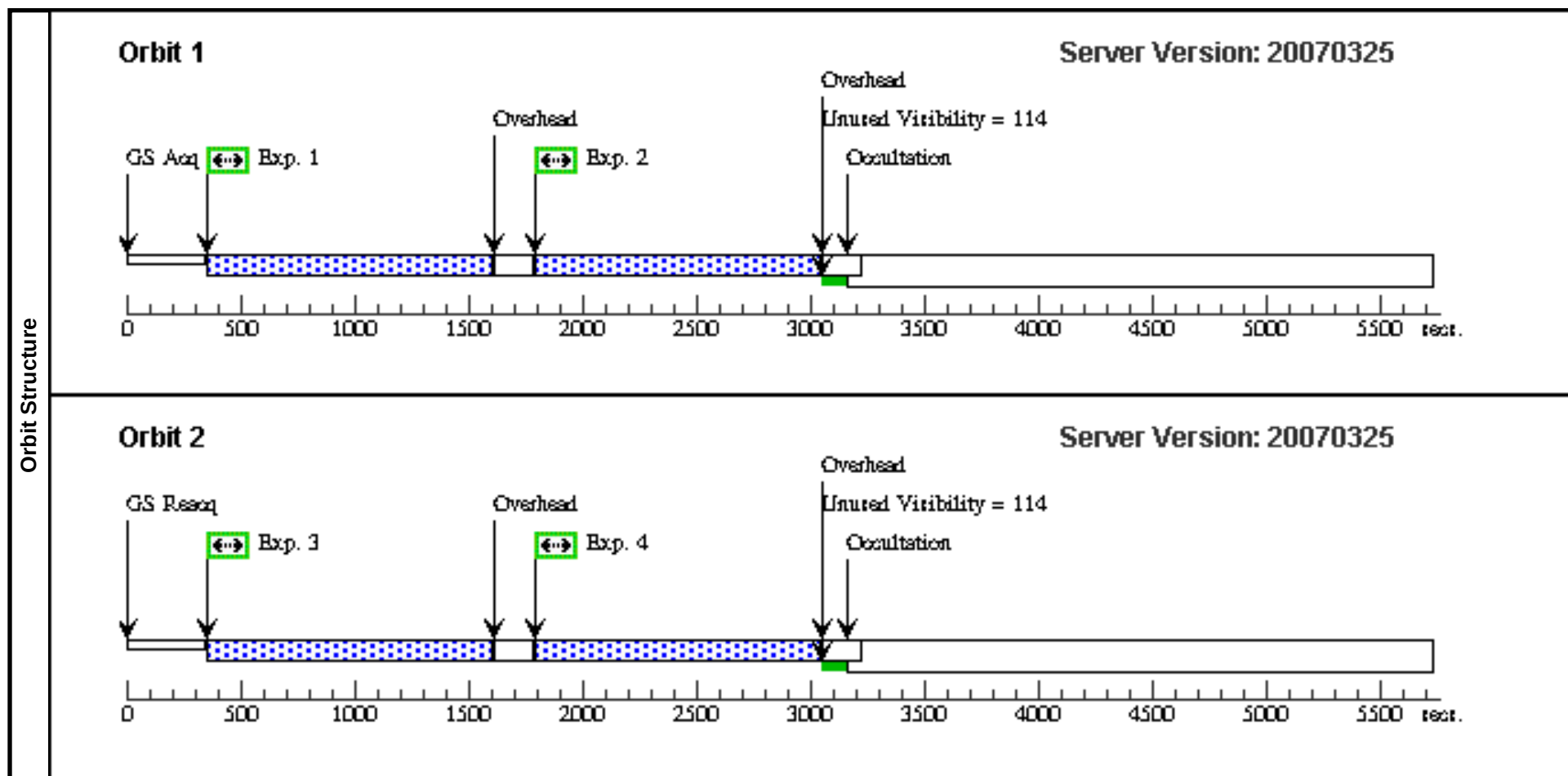


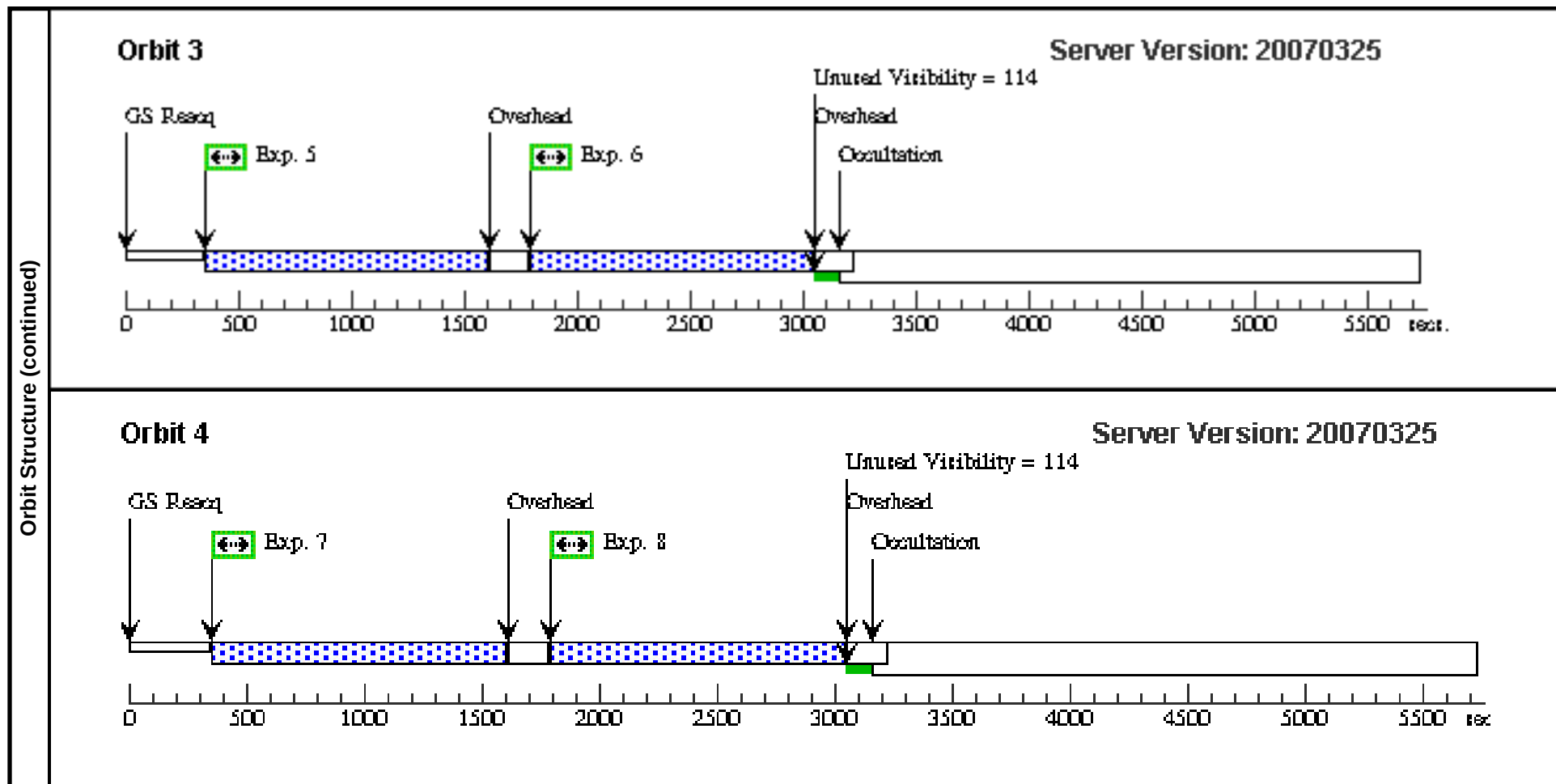




Proposal 11081 - Visit F1 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

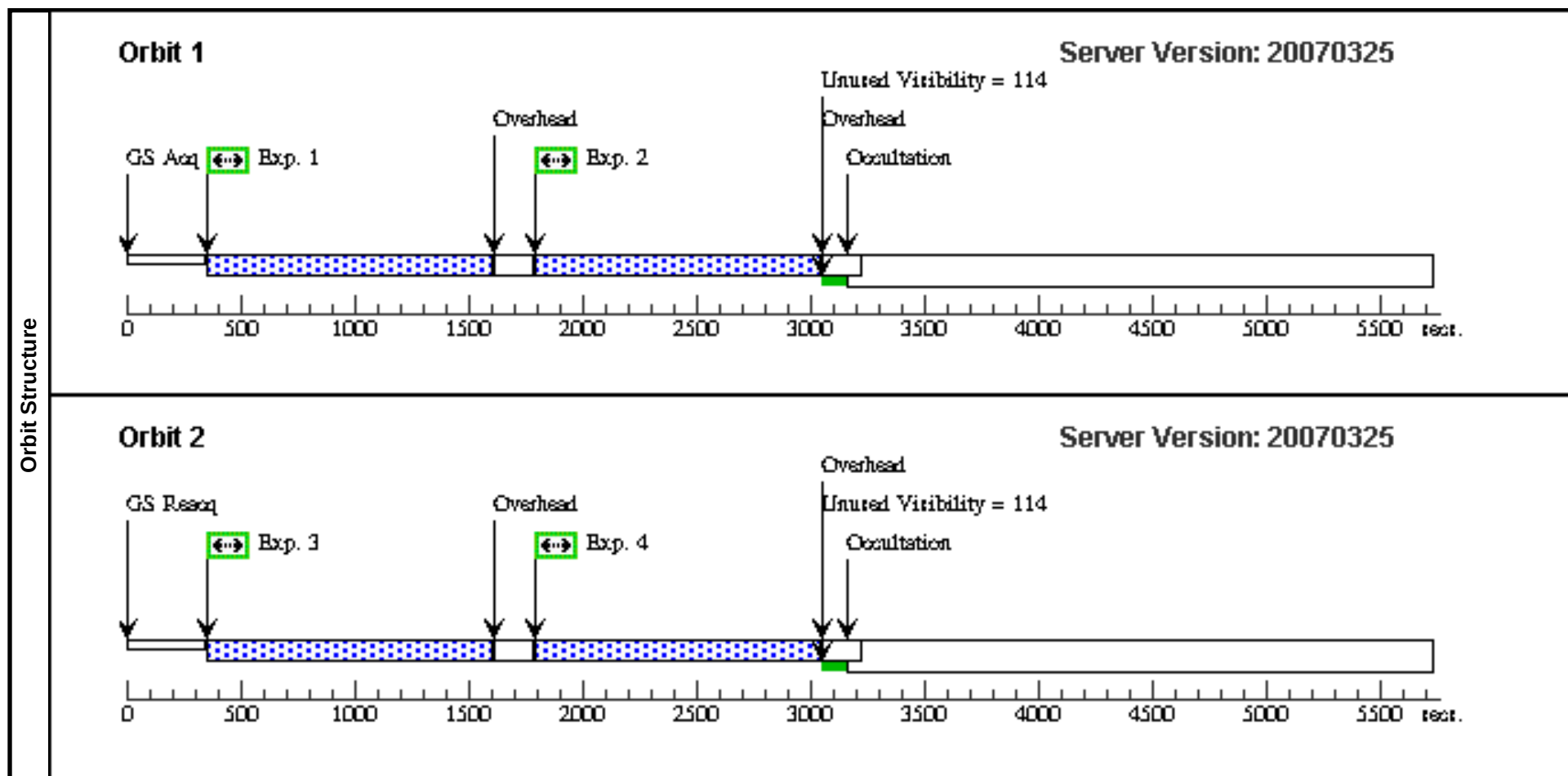
Visit	Proposal 11081, Visit F1, implementation Fri Jul 06 01:15:49 GMT 2007									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: ON HOLD <i>On Hold Comments: Execute either visit F0 or visits F1-F3. Visit F0 is preferred.</i>									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	G11	RA: 00 36 20.8700 (9.0869583d) Dec: +40 53 37.09 (40.89364d) Equinox: J2000		V=16.3+/-0.2	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	G11_F1_V0	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	2	G11_F1_I0	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	3	G11_F1_V1	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	4	G11_F1_I1	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	5	G11_F1_V2	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	6	G11_F1_I2	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	7	G11_F1_V3	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]
	<i>Comments: F606W is used in place of filter F555W originally requested because better throughput.</i>									
	8	G11_F1_I3	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]

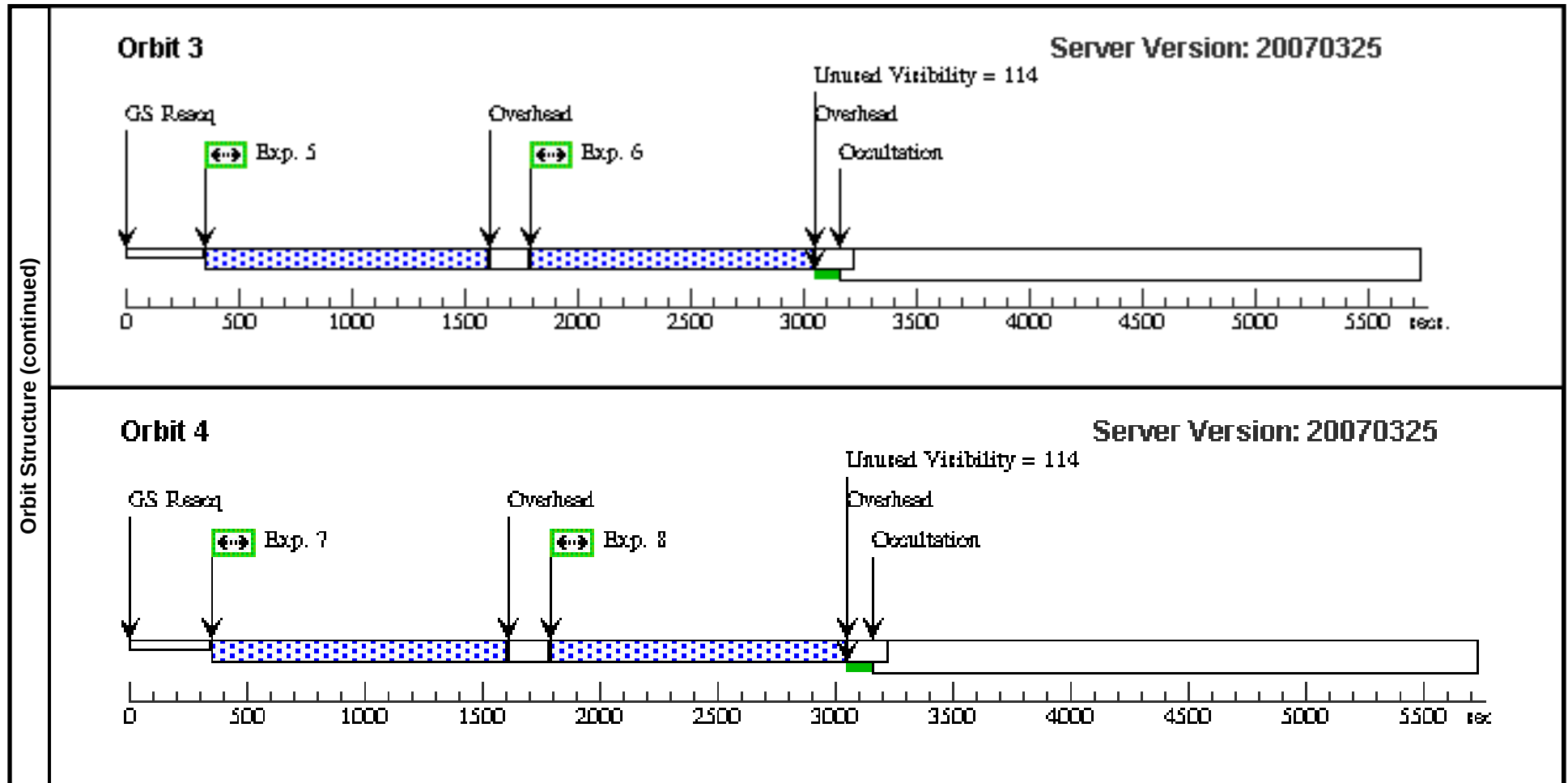




Proposal 11081 - Visit F2 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

Visit	Proposal 11081, Visit F2, implementation Fri Jul 06 01:15:49 GMT 2007 Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: SAME ORIENT AS F1; AFTER F1 BY 0 Orbits TO 10 Orbits; ON HOLD Comments: Minimize time between F1 and F2. On Hold Comments: Execute either visit F0 or visits F1-F3. Visit F0 is preferred.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	G11	RA: 00 36 20.8700 (9.0869583d) Dec: +40 53 37.09 (40.89364d) Equinox: J2000		V=16.3+/-0.2	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	G11_F2_V4	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	2	G11_F2_I4	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	3	G11_F2_V5	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	4	G11_F2_I5	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	5	G11_F2_V6	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	6	G11_F2_I6	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	7	G11_F2_V7	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	8	G11_F2_I7	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 7-8 Non-Int	1100.0 Secs [==>]	[4]





Proposal 11081 - Visit F3 - RR Lyrae stars in M31 Globular Clusters: How did the M31 Spiral Galaxy Form?

Visit	Proposal 11081, Visit F3, implementation Fri Jul 06 01:15:50 GMT 2007									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: SAME ORIENT AS F1; AFTER F2 BY 0 Orbits TO 10 Orbits; ON HOLD Comments: Minimize time between F2 and F3. On Hold Comments: Execute either visit F0 or visits F1-F3. Visit F0 is preferred.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	G11	RA: 00 36 20.8700 (9.0869583d) Dec: +40 53 37.09 (40.89364d) Equinox: J2000		V=16.3+/-0.2	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	G11_F3_V8	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	2	G11_F3_I8	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 1-2 Non-Int	1100.0 Secs [==>]	[1]
	3	G11_F3_V9	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	4	G11_F3_I9	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 3-4 Non-Int	1100.0 Secs [==>]	[2]
	5	G11_F3_V10	(1) G11	WFPC2, IMAGE, PC1-FIX	F606W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]
	Comments: F606W is used in place of filter F555W originally requested because better throughput.									
	6	G11_F3_I10	(1) G11	WFPC2, IMAGE, PC1-FIX	F814W	ATD-GAIN=7; CR-SPLIT=NO		Sequence 5-6 Non-Int	1100.0 Secs [==>]	[3]

