# 10583 - Resolving the LMC Microlensing Puzzle: Where Are the Lensing Objects ?

Cycle: 14, Proposal Category: GO

(Availability Mode: SUPPORTED)

**INVESTIGATORS**


| *Name* | *Institution* | *E-Mail* |
|---|---|---|
| **Dr. Chris Stubbs (PI)** | **Harvard University** | **cstubbs@cfa.harvard.edu** |
| Dr. Armin Rest (CoI) | National Optical Astronomy Observatories - CTIO | arest@noao.edu |
| Dr. Chris Smith (CoI) | National Optical Astronomy Observatories - CTIO | csmith@noao.edu |
| Dr. Knut A.G. Olsen (CoI) | National Optical Astronomy Observatories - CTIO | kolsen@ctio.noao.edu |
| Dr. Nicholas B. Suntzeff (CoI) | National Optical Astronomy Observatories - CTIO | nsuntzeff@noao.edu |
| Mr. Jose Luis Prieto (CoI) | The Ohio State University Research Foundation | prieto@astronomy.ohio-state.edu |
| Dr. Andy Becker (CoI) | University of Washington | becker@astro.washington.edu |
| Mr. Gajus Miknaitis (CoI) | University of Washington | gm@astro.washington.edu |
| Mr. Ricardo Covarrubias (CoI) | University of Washington | rcovarrubias@astro.washington.edu |
| Mr. Anthony Miceli (CoI) | University of Washington | amiceli@astro.washington.edu |
| Dr. Kem Cook (CoI) | Lawrence Livermore National Laboratory | kcook@llnl.org |
| Dr. Sergei Nikolaev (CoI) | Lawrence Livermore National Laboratory | snikolaev@lbl.gov |
| Dr. Mark Huber (CoI) | Lawrence Livermore National Laboratory | mhuber@astro.ubc.ca |
| Dr. Alejandro Clocchiatti (CoI) | Universidad Catolica de Chile | aclocchi@astro.puc.cl |
| Dr. Dante Minniti (CoI) (ESA Member) | Universidad Catolica de Chile | dante@astro.puc.cl |
| Dr. Douglas L. Welch (CoI) | McMaster University | welch@dogwood.physics.mcmaster.ca |
| Dr. Brian Schmidt (CoI) | Australian National University | brian@mso.anu.edu.au |
| Dr. Stefan Keller (CoI) | Lawrence Livermore National Laboratory | skeller@igpp.ucllnl.org |
| Mr. Peter Challis (CoI) | Harvard University | pchallis@cfa.harvard.edu |
| Ms. Arti Garg (CoI) | Harvard University | agarg@cfa.harvard.edu |

**VISITS**

| *Visit* | *Targets used in Visit* | *Configurations used in Visit* | *Orbits Used* | *Last Orbit Planner Run* | *OP Current with Visit?* |
|---|---|---|---|---|---|
| 01 | (1) 2003-LMC-004-COPY | ACS/WFC | 1 | 17-Jan-2008 14:29:29.0 | yes |
| 02 | (2) 2003-LMC-032 | ACS/WFC | 1 | 17-Jan-2008 14:29:34.0 | yes |
| 03 | (3) 2003-LMC-035 | ACS/WFC | 1 | 17-Jan-2008 14:29:37.0 | yes |
| 04 | (4) 2003-LMC-054-COPY | ACS/WFC | 1 | 17-Jan-2008 14:29:40.0 | yes |
| 05 | (5) 2003-LMC-103 | ACS/WFC | 1 | 17-Jan-2008 14:29:43.0 | yes |
| 06 | (6) 2003-LMC-178-COPY | ACS/WFC | 1 | 17-Jan-2008 14:29:46.0 | yes |
| 07 | (7) 2003-LMC-205 | ACS/WFC | 1 | 17-Jan-2008 14:29:48.0 | yes |
| 08 | (8) 2003-LMC-157 | ACS/WFC | 1 | 17-Jan-2008 14:29:51.0 | yes |
| 09 | (9) 2004-LMC-781 | ACS/WFC | 1 | 17-Jan-2008 14:29:54.0 | yes |
| 10 | (10) 2004-LMC-821 | ACS/WFC | 1 | 17-Jan-2008 14:29:57.0 | yes |
| 11 | (11) 2004-LMC-958 | ACS/WFC | 1 | 17-Jan-2008 14:29:59.0 | yes |
| 12 | (12) 2004-LMC-976 | ACS/WFC | 1 | 17-Jan-2008 14:30:02.0 | yes |
| 13 | (13) 2004-LMC-1066 | ACS/WFC | 1 | 17-Jan-2008 14:30:05.0 | yes |
| 14 | (14) 2005-LMC-028-COPY | ACS/WFC | 1 | 17-Jan-2008 14:30:08.0 | yes |
| 15 | (15) 2005-LMC-324 | ACS/WFC | 1 | 17-Jan-2008 14:30:11.0 | yes |
| 16 | (16) 2004-LMC-1106-COPY | ACS/WFC | 1 | 17-Jan-2008 14:30:15.0 | yes |
| 17 | (17) 2004-LMC-780NEEDSUPDATE | ACS/WFC | 1 | 17-Jan-2008 14:30:18.0 | yes |
| 18 | (18) 2004-LMC-790NEEDSUPDATE | ACS/WFC | 1 | 17-Jan-2008 14:30:20.0 | yes |

| *Visit* | *Targets used in Visit* | *Configurations used in Visit* | *Orbits Used* | *Last Orbit Planner Run* | *OP Current with Visit?* |
|---|---|---|---|---|---|
| 19 | (19) 2004-LMC-805NEEDSUPATE | ACS/WFC | 1 | 17-Jan-2008 14:30:23.0 | yes |
| 20 | (20) 2004-LMC-812NEEDSUPDATE | ACS/WFC | 1 | 17-Jan-2008 14:30:25.0 | yes |
| 21 | (21) 2004-LMC-876NEEDSUPDATE | ACS/WFC | 1 | 17-Jan-2008 14:30:27.0 | yes |
| 22 | (22) 2004-LMC-898NEEDSUPDATE | ACS/WFC | 1 | 17-Jan-2008 14:30:30.0 | yes |
| 23 | (23) 2004-LMC-931NEEDSUPDATE | ACS/WFC | 1 | 17-Jan-2008 14:30:32.0 | yes |
| 24 | (24) 2005-LMC-01 | ACS/WFC | 1 | 17-Jan-2008 14:30:35.0 | yes |
| 25 | (25) 2005-LMC-02 | ACS/WFC | 1 | 17-Jan-2008 14:30:37.0 | yes |
| 26 | (26) 2005-LMC-03 | ACS/WFC | 1 | 17-Jan-2008 14:30:39.0 | yes |
| 27 | (27) 2005-LMC-04 | ACS/WFC | 1 | 17-Jan-2008 14:30:42.0 | yes |
| 28 | (28) 2005-LMC-05 | ACS/WFC | 1 | 17-Jan-2008 14:30:44.0 | yes |
| 29 | (29) 2005-LMC-06 | ACS/WFC | 1 | 17-Jan-2008 14:30:46.0 | yes |
| 30 | (30) 2005-LMC-07 | ACS/WFC | 1 | 17-Jan-2008 14:30:48.0 | yes |
| 31 | (31) 2005-LMC-08 | ACS/WFC | 1 | 17-Jan-2008 14:30:51.0 | yes |
| 32 | (32) 2005-LMC-09 | ACS/WFC | 1 | 17-Jan-2008 14:30:53.0 | yes |
| 41 | (80) 2001-LMC-120 | WFPC2 | 1 | 17-Jan-2008 14:30:55.0 | yes |
| 42 | (61) 2002-LMC-020 | WFPC2 | 1 | 17-Jan-2008 14:30:57.0 | yes |
| 43 | (63) 2002-LMC-031 | WFPC2 | 1 | 17-Jan-2008 14:30:58.0 | yes |
| 44 | (64) 2002-LMC-089 | WFPC2 | 1 | 17-Jan-2008 14:31:00.0 | yes |
| 45 | (65) 2002-LMC-100 | WFPC2 | 1 | 17-Jan-2008 14:31:02.0 | yes |
| 46 | (66) 2002-LMC-138 | WFPC2 | 1 | 17-Jan-2008 14:31:03.0 | yes |

| *Visit* | *Targets used in Visit* | *Configurations used in Visit* | *Orbits Used* | *Last Orbit Planner Run* | *OP Current with Visit?* |
|---|---|---|---|---|---|
| 47 | (67) 2002-LMC-155 | WFPC2 | 1 | 17-Jan-2008 14:31:05.0 | yes |
| 48 | (68) 2002-LMC-167 | WFPC2 | 1 | 17-Jan-2008 14:31:06.0 | yes |
| 49 | (69) 2002-LMC-170 | WFPC2 | 1 | 17-Jan-2008 14:31:08.0 | yes |
| 50 | (70) 2003-LMC-004 | WFPC2 | 1 | 17-Jan-2008 14:31:09.0 | yes |
| 51 | (71) 2003-LMC-028 | WFPC2 | 1 | 17-Jan-2008 14:31:11.0 | yes |
| 52 | (72) 2003-LMC-042 | WFPC2 | 1 | 17-Jan-2008 14:31:13.0 | yes |
| 53 | (73) 2003-LMC-054 | WFPC2 | 1 | 17-Jan-2008 14:31:14.0 | yes |
| 54 | (74) 2003-LMC-178 | WFPC2 | 1 | 17-Jan-2008 14:31:16.0 | yes |
| 55 | (75) 2003-LMC-186 | WFPC2 | 1 | 17-Jan-2008 14:31:17.0 | yes |
| 56 | (76) 2003-LMC-245 | WFPC2 | 1 | 17-Jan-2008 14:31:19.0 | yes |
| 57 | (77) 2003-LMC-247 | WFPC2 | 1 | 17-Jan-2008 14:31:21.0 | yes |
| 58 | (78) 2004-LMC-1106 | WFPC2 | 1 | 17-Jan-2008 14:31:22.0 | yes |
| 59 | (79) 2005-LMC-028 | WFPC2 | 1 | 17-Jan-2008 14:31:24.0 | yes |
| 60 | (62) 2002-LMC-024 | WFPC2 | 1 | 17-Jan-2008 14:31:25.0 | yes |

52 Total Orbits Used

**ABSTRACT**

We are requesting 32 HST orbits to help ascertain the nature of the population that gives rise to the observed set of microlensing events towards the LMC. The SuperMACHO project is an ongoing ground-based survey on the CTIO 4m that has demonstrated the ability to detect LMC microlensing events in real-time via frame subtraction. The improvement in angular resolution and photometric accuracy available from HST will allow us to 1) confirm that the detected flux excursions arise from LMC source stars rather than extended objects (such as for background supernovae or AGN), and 2) obtain reliable baseline flux measurements for the objects in their unlensed state. The latter measurement is important to resolve degeneracies

between the event timescale and baseline flux, which will yield a tighter constraint on the microlensing optical depth.

**OBSERVING DESCRIPTION**

We propose ACS/WFC, observations of
the good candidate microlensing events discovered in 2003 and 2004,
and those expected from 2005.
Our estimates of VR magnitudes for these objects range from 18 to 24.
For each target, the multi--color observations will be done in 3 filters
F435W, F606W, and F814W. For each observation we will use the ACS-WFC-DITHER-LINE
pattern to remove CR's, hot pixels and to improve the spatial sampling.
We are requesting 1 orbit per target, which will allow up to about 600 seconds
per filter.
Our exposures allow 3 $\sigma$ detections at mag 26.5, 27.5, and 27.3 for the
F435W, F606W, and F814W, respectively, hence good SNR at the fluxes of interest.
We are choosing WFC over HRC for the improved QE.

The positions of the expected microlensing candidates from 2005 will be known by
Dec 31, 2005. At that time we will not request the HST observations
to be done in either ToO or pre-location-ToO mode.
The coordinates will be sent to our PC and those observations can be placed into
the schedule any time in remainder cycle 14.
If we were to request SNAPshot exposures of these targets, given the past
history of completion we would only get about 50% of the targets.

The total request is therefore 32 orbits for 32 targets, 23 of which

are in hand. Given our track record of real-time detections in the SuperMACHO survey we predict with confidence having the other 9 objects from our upcoming 2005 season.

## Visit

**Proposal 10583, Visit 01, withdrawn** Thu Jan 17 19:31:29 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

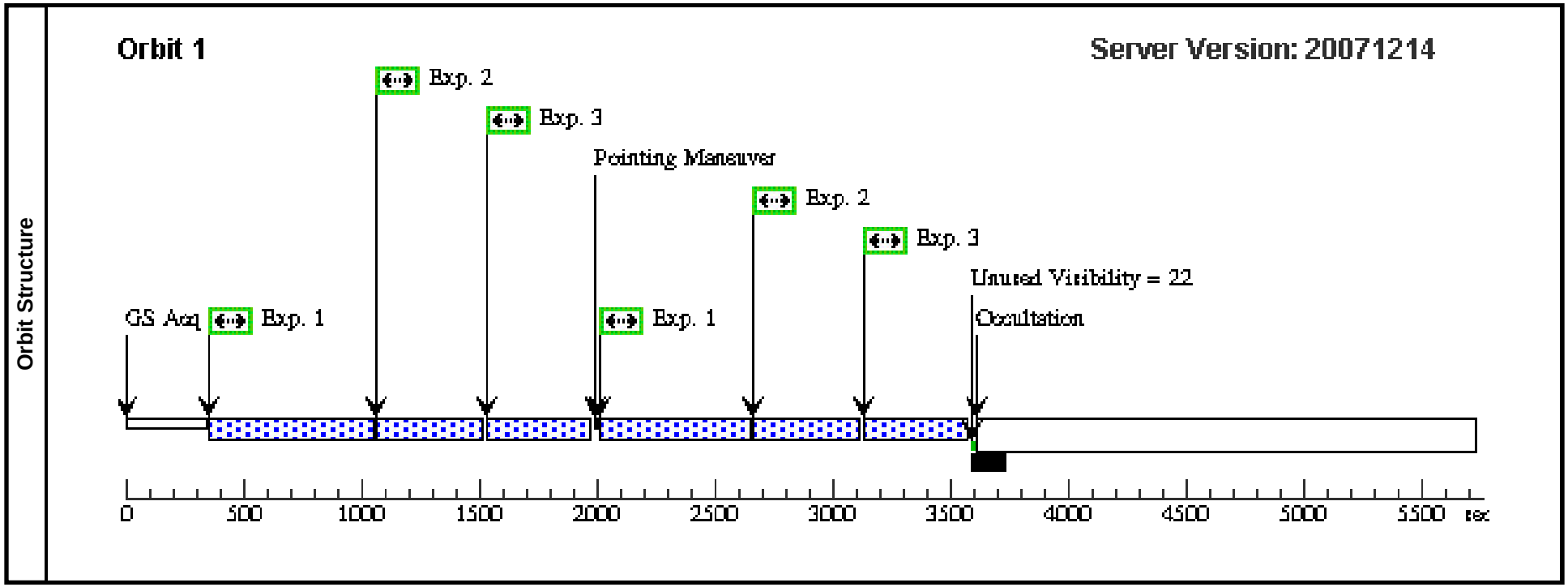
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (1) | 2003-LMC-004-COPY | RA: 04 52 57.5080 (73.2396167d)<br>Dec: -67 52 34.60 (-67.87628d)<br>Equinox: J2000<br>Plate Id: (?) | | V=19+/-0.1 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (1) 2003-LMC-004-COPY | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs<br>*[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (1) 2003-LMC-004-COPY | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs<br>*[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (1) 2003-LMC-004-COPY | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs<br>*[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 22
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 02, withdrawn** Thu Jan 17 19:31:30 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

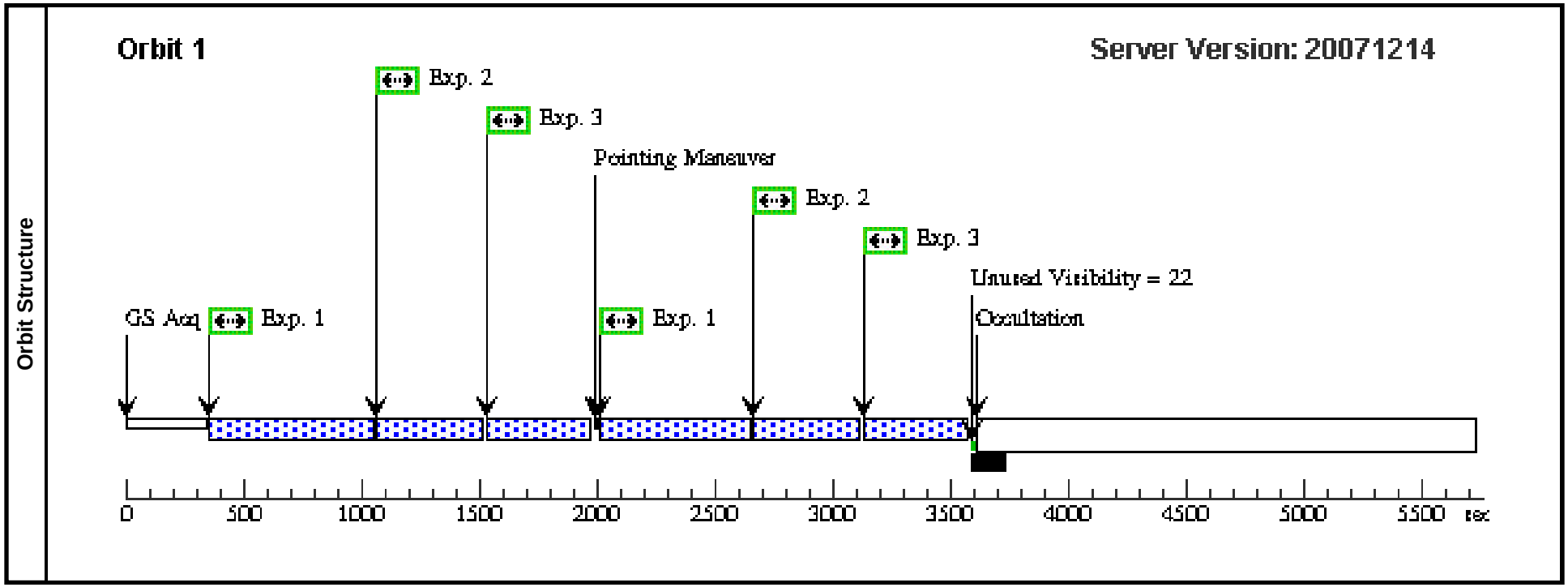
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (2) | 2003-LMC-032 | RA: 05 02 34.5370 (75.6439042d)<br>Dec: -69 35 13.57 (-69.58710d)<br>Equinox: J2000<br>Plate Id: (?) | | V=22.7+/-0.2 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (2) 2003-LMC-032 | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (2) 2003-LMC-032 | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (2) 2003-LMC-032 | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 22
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 03, withdrawn** Thu Jan 17 19:31:30 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

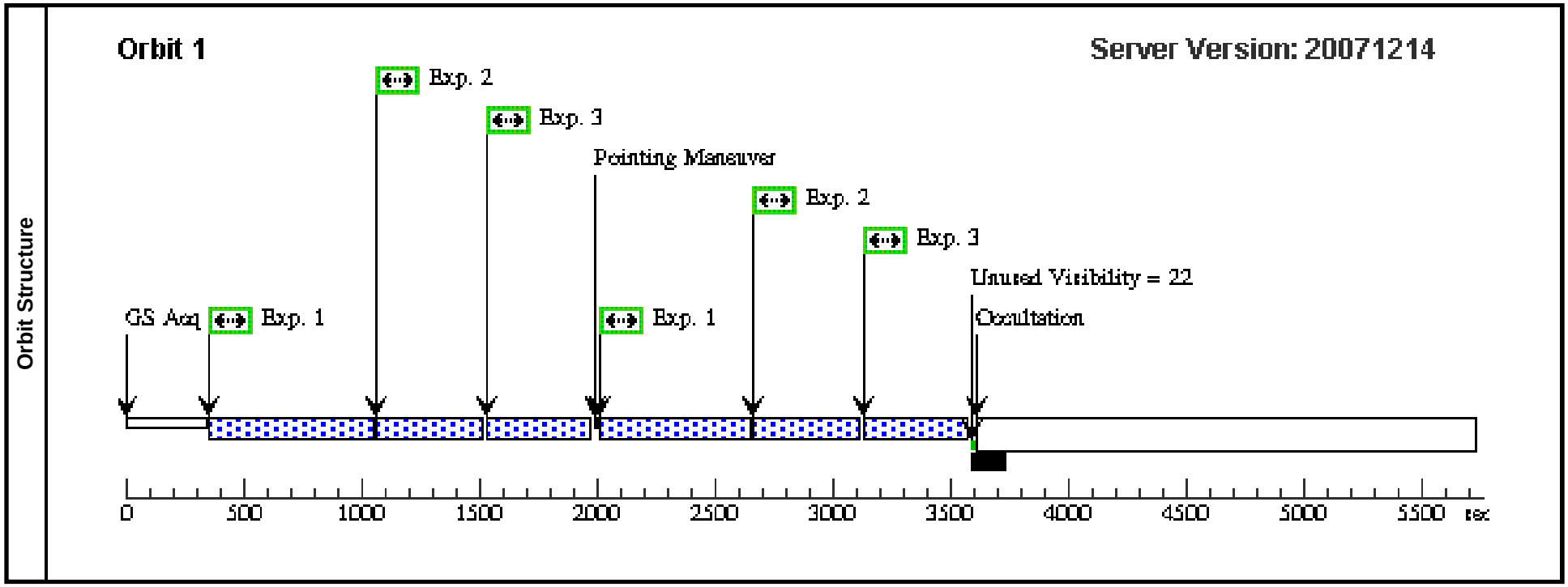
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (3) | 2003-LMC-035 | RA: 05 01 47.6050 (75.4483542d)<br>Dec: -69 30 0.51 (-69.50014d)<br>Equinox: J2000<br>Plate Id: (?) | | V=22.2+/-0.2 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (3) 2003-LMC-035 | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (3) 2003-LMC-035 | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (3) 2003-LMC-035 | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 22
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 04, withdrawn** Thu Jan 17 19:31:31 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

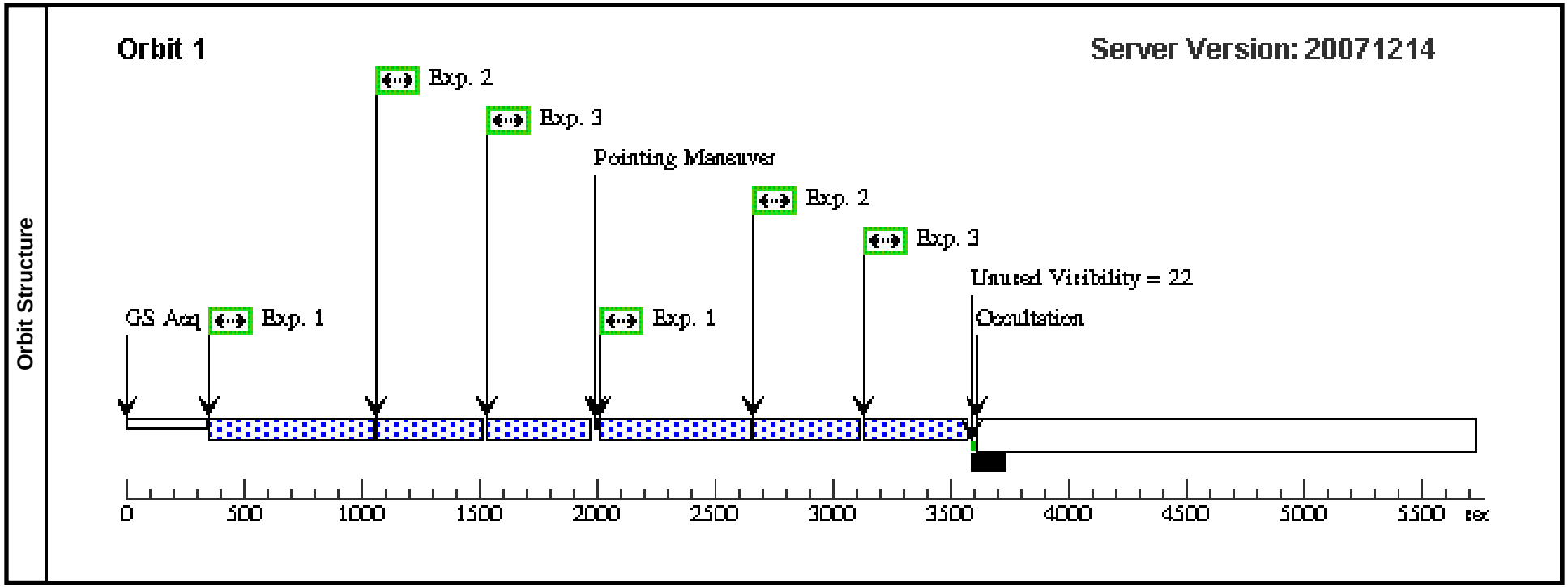
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (4) | 2003-LMC-054-COPY | RA: 05 06 15.9940 (76.5666417d)<br>Dec: -68 57 56.66 (-68.96574d)<br>Equinox: J2000<br>Plate Id: (?) | | V=18+/-0.1 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (4) 2003-LMC-054-COPY | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (4) 2003-LMC-054-COPY | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (4) 2003-LMC-054-COPY | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 2
Exp. 3
Unused Visibility = 22
GS Acq
Exp. 1
Exp. 1
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 05, withdrawn** Thu Jan 17 19:31:31 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

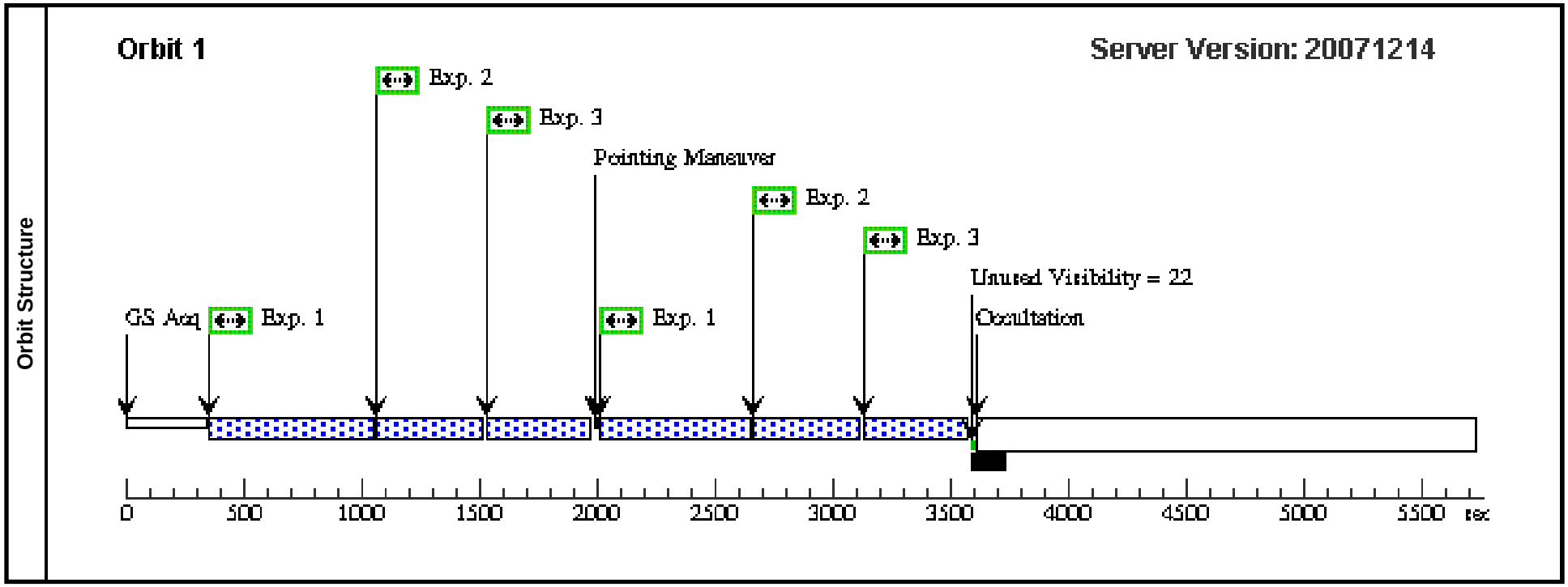
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (5) | 2003-LMC-103 | RA: 04 51 48.3770 (72.9515708d)<br>Dec: -69 11 32.43 (-69.19234d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23.8+/-0.5 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (5) 2003-LMC-103 | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (5) 2003-LMC-103 | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (5) 2003-LMC-103 | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 22
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 06, withdrawn** Thu Jan 17 19:31:31 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

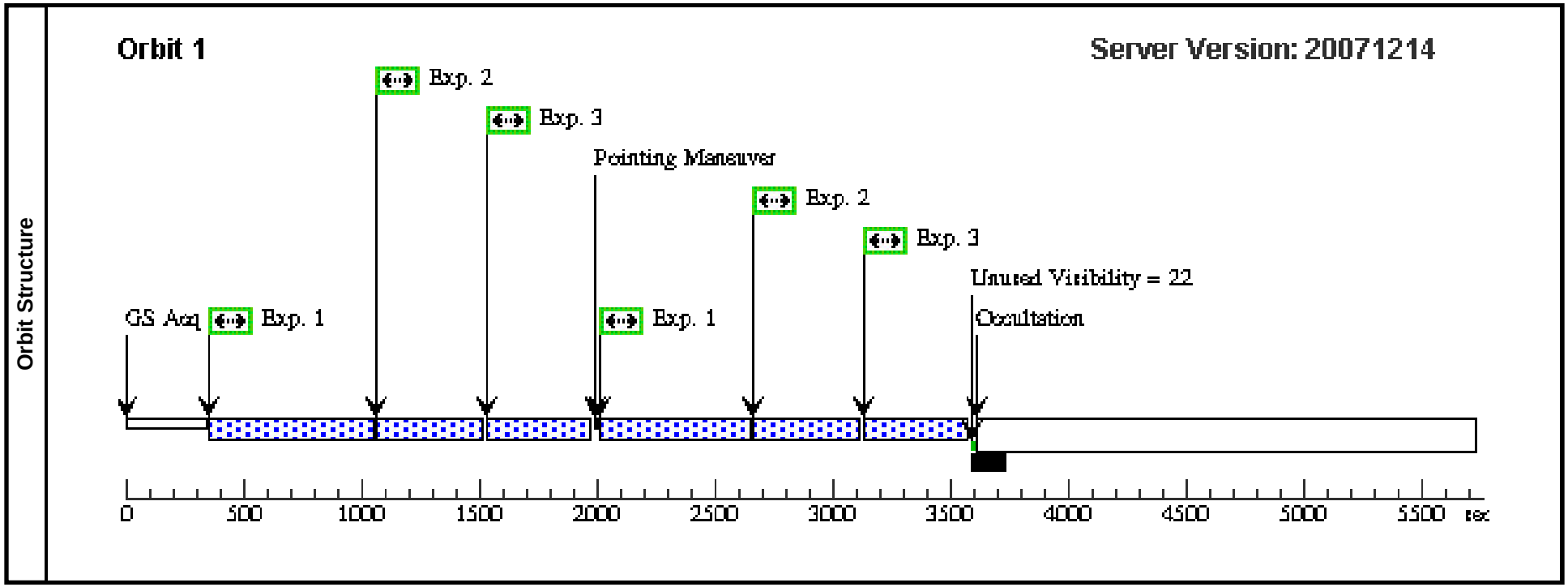
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (6) | 2003-LMC-178-COPY | RA: 05 15 18.2870 (78.8261958d)<br>Dec: -69 04 59.12 (-69.08309d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23.8+/-0.5 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (6) 2003-LMC-178-COPY | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs<br>*[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (6) 2003-LMC-178-COPY | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs<br>*[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (6) 2003-LMC-178-COPY | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs<br>*[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 22
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 07, withdrawn** Thu Jan 17 19:31:32 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

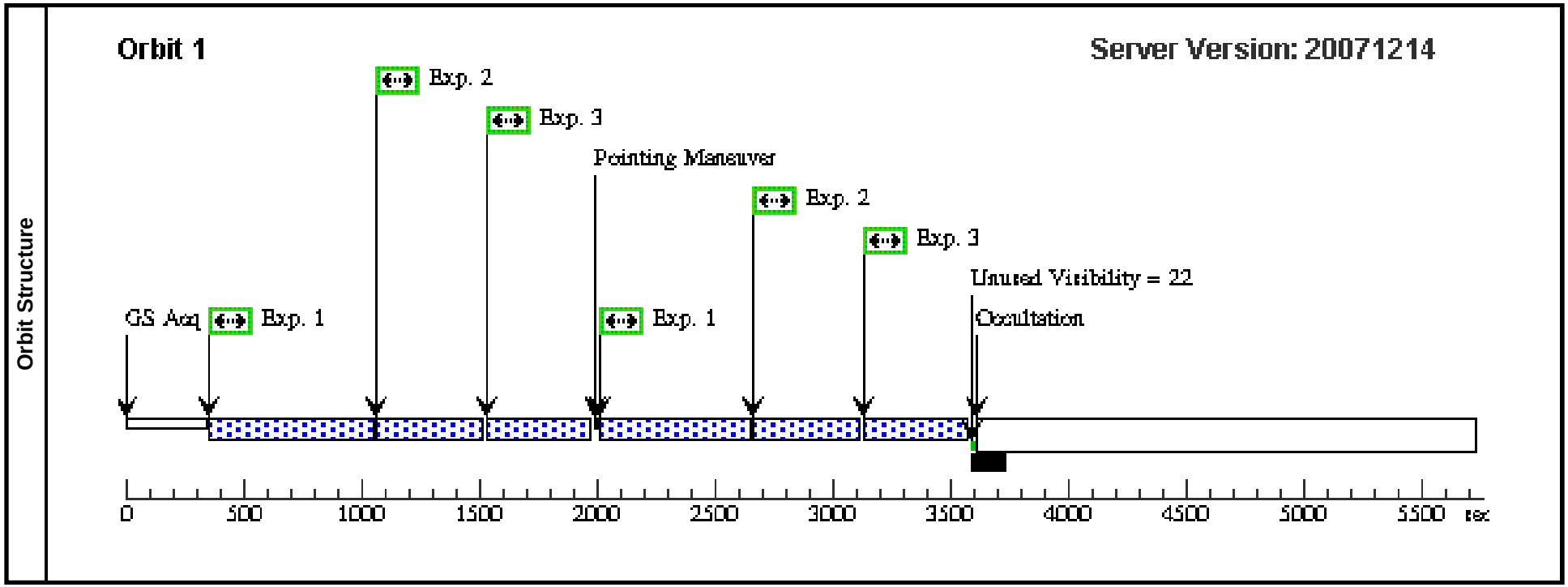
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (7) | 2003-LMC-205 | RA: 05 21 16.6030 (80.3191792d)<br>Dec: -67 21 58.95 (-67.36638d)<br>Equinox: J2000<br>Plate Id: (?) | | V=21.5+/-0.1 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (7) 2003-LMC-205 | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (7) 2003-LMC-205 | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (7) 2003-LMC-205 | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 22
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 08, completed** Thu Jan 17 19:31:32 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: BETWEEN 01-JUN-2005:00:00:00 AND 01-SEP-2005:00:00:00

## Patterns

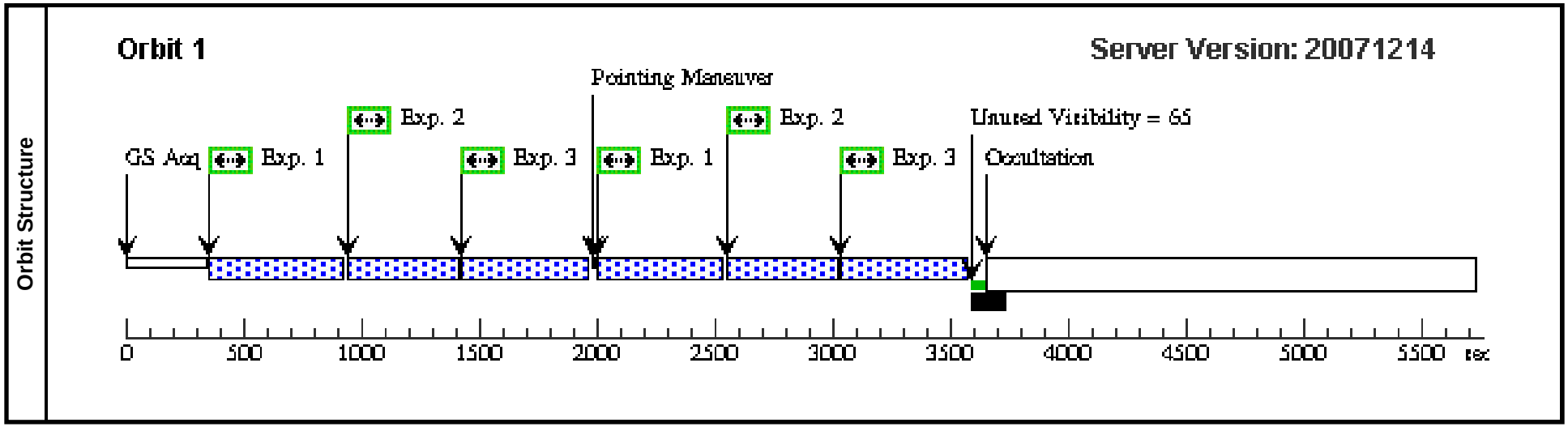
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (8) | 2003-LMC-157 | RA: 05 31 30.6560 (82.8777333d)<br>Dec: -70 47 26.03 (-70.79056d)<br>Equinox: J2000<br>Plate Id: (?) | | V=22.4+/-0.5 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (8) 2003-LMC-157 | ACS/WFC, ACCUM, WFC1-1K | F475W | CR-SPLIT=NO | | Pattern 1-3 (1) | 400.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (8) 2003-LMC-157 | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 350.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (8) 2003-LMC-157 | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 400.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
Pointing Maneuver
GS Acq
Exp. 1
Exp. 2
Exp. 3
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 65
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 09, withdrawn** Thu Jan 17 19:31:33 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

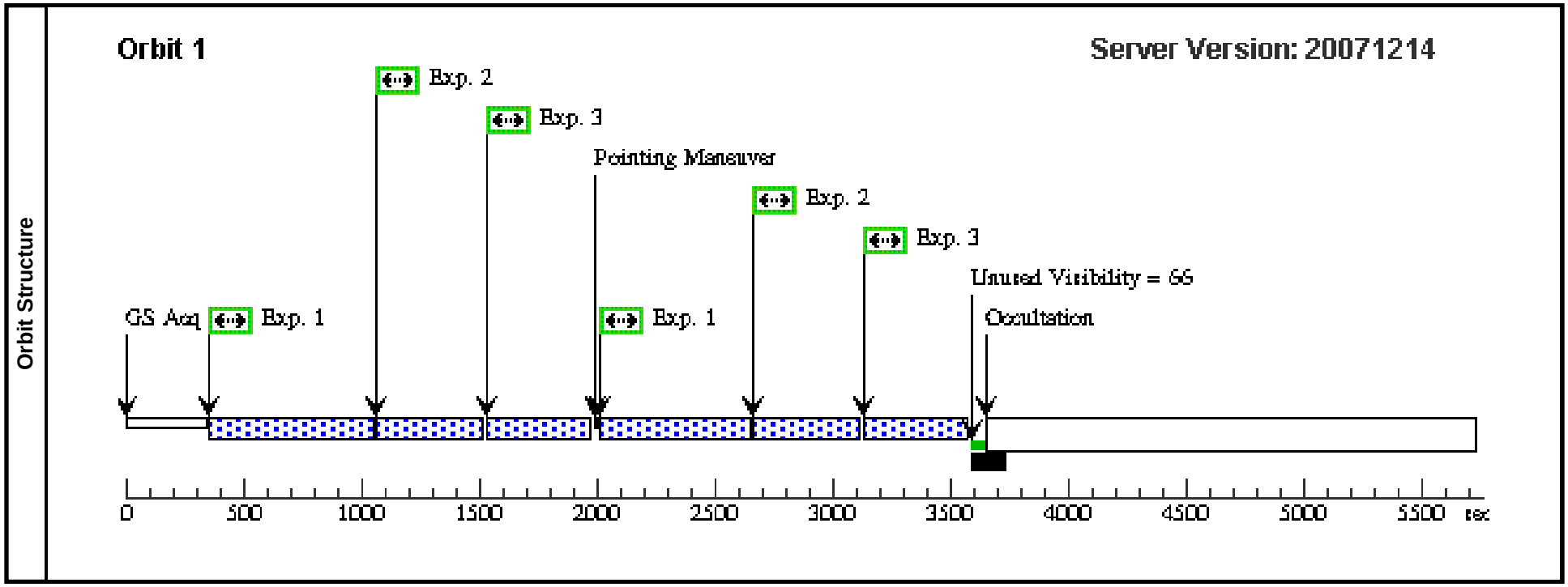
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (9) | 2004-LMC-781 | RA: 06 04 29.4140 (91.1225583d)<br>Dec: -70 32 45.46 (-70.54596d)<br>Equinox: J2000<br>Plate Id: (?) | | V=21.7+/-0.1 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (9) 2004-LMC-781 | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (9) 2004-LMC-781 | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (9) 2004-LMC-781 | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 66
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 10, withdrawn** Thu Jan 17 19:31:33 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

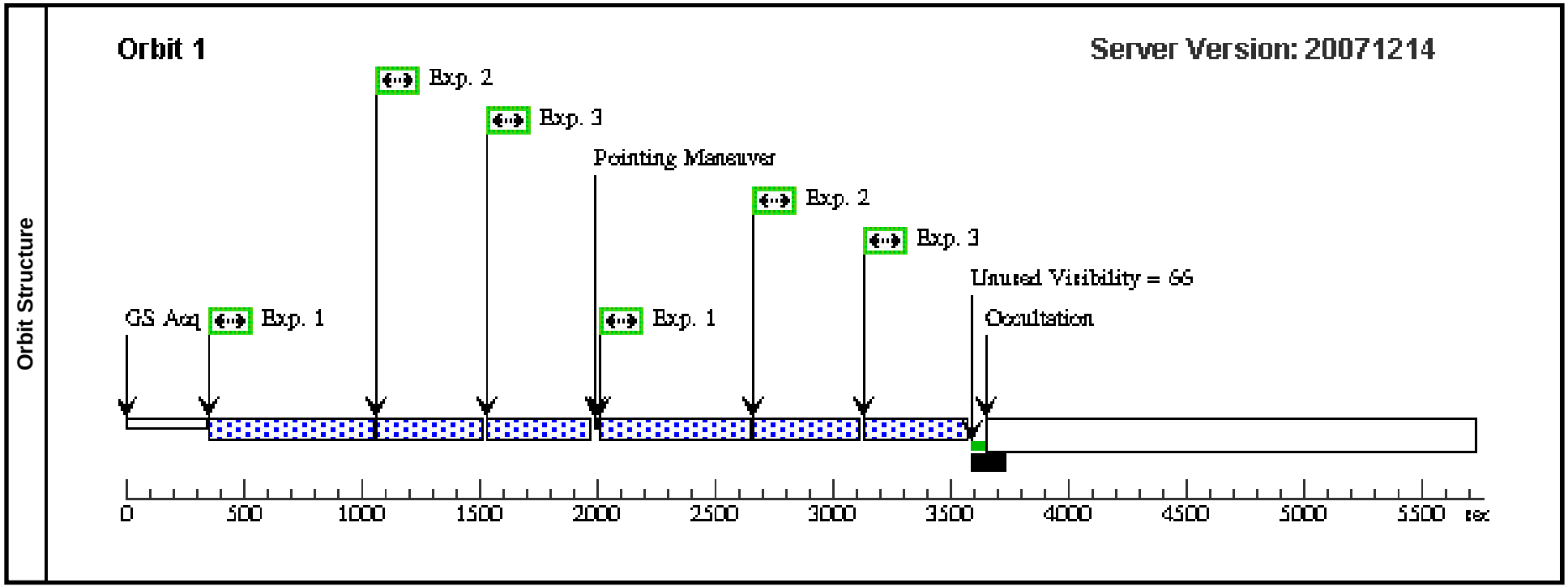
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (10) | 2004-LMC-821 | RA: 05 51 38.8350 (87.9118125d)<br>Dec: -71 02 12.64 (-71.03684d)<br>Equinox: J2000<br>Plate Id: (?) | | V=21.6+/-0.1 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (10) 2004-LMC-821 | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (10) 2004-LMC-821 | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (10) 2004-LMC-821 | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 66
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 11, withdrawn** Thu Jan 17 19:31:33 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

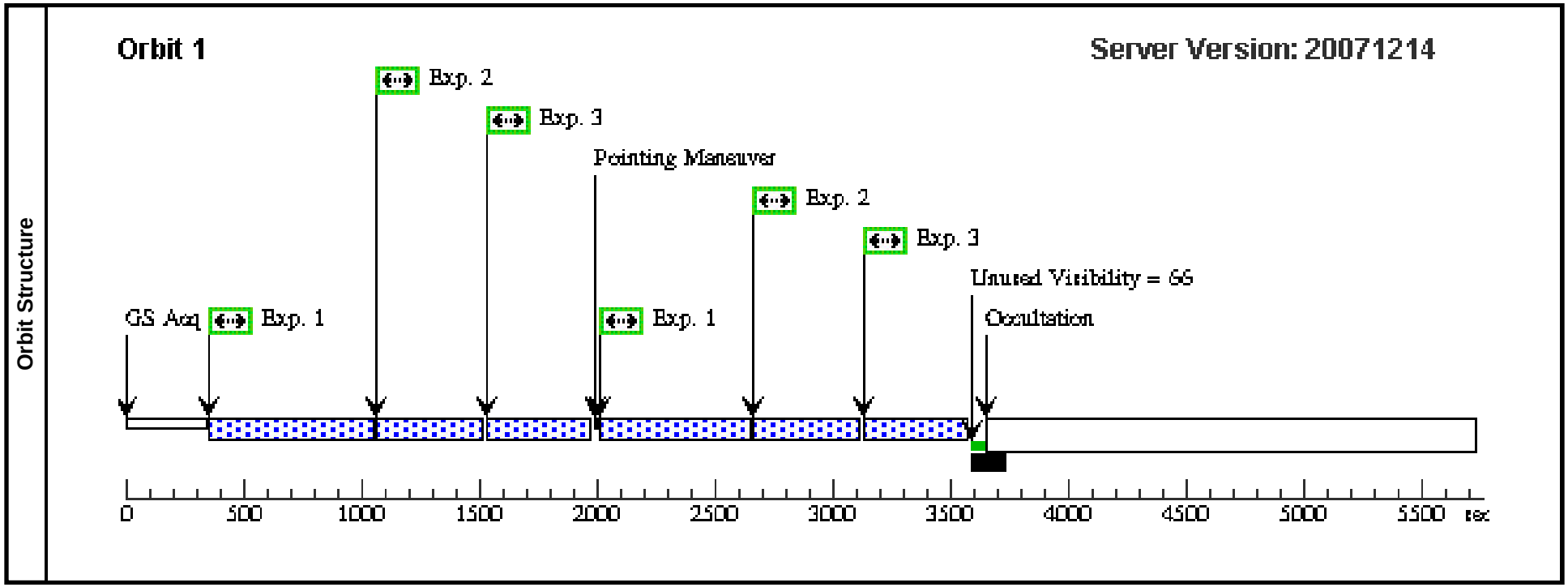
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (11) | 2004-LMC-958 | RA: 05 24 22.9620 (81.0956750d)<br>Dec: -70 56 6.06 (-70.93502d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23+/-0.5 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (11) 2004-LMC-958 | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (11) 2004-LMC-958 | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (11) 2004-LMC-958 | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 66
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 12, withdrawn** Thu Jan 17 19:31:34 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

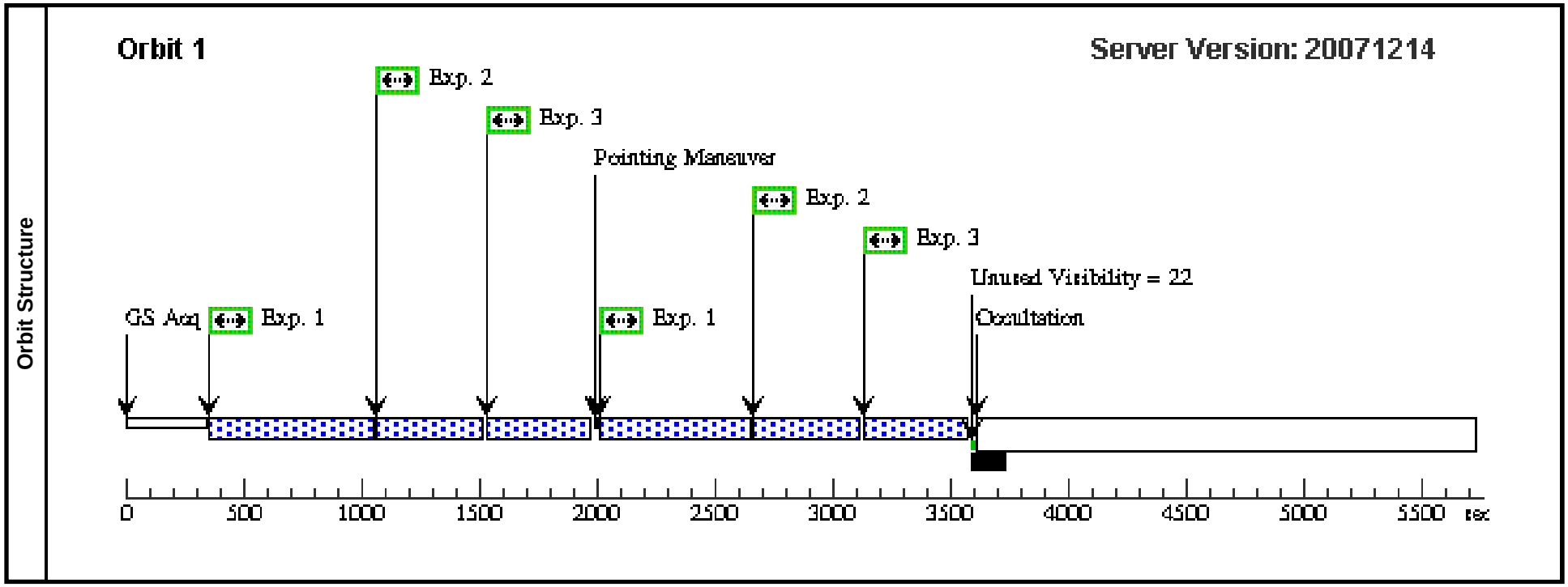
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (12) | 2004-LMC-976 | RA: 05 35 18.0700 (83.8252917d)<br>Dec: -69 45 19.72 (-69.75548d)<br>Equinox: J2000<br>Plate Id: (?) | | V=22.7+/-0.2 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (12) 2004-LMC-976 | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (12) 2004-LMC-976 | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (12) 2004-LMC-976 | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 22
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 13, withdrawn** Thu Jan 17 19:31:34 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

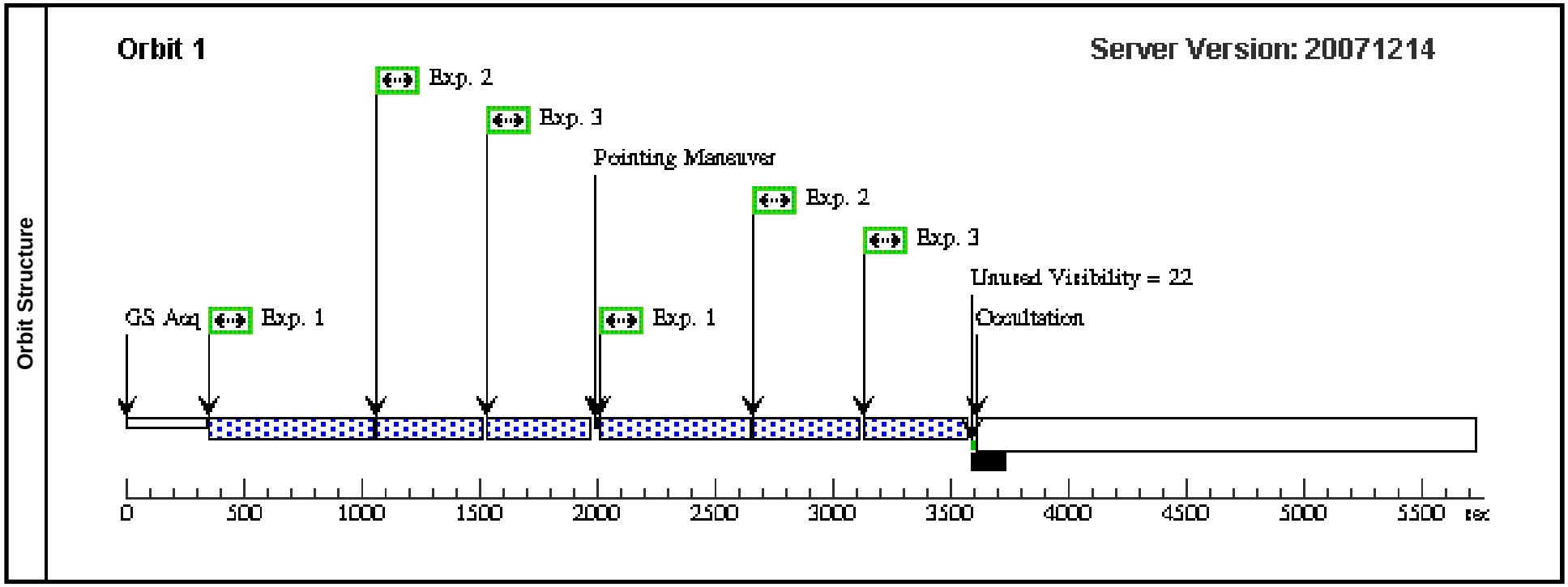
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (13) | 2004-LMC-1066 | RA: 04 45 31.8480 (71.3827000d)<br>Dec: -68 14 48.50 (-68.24681d)<br>Equinox: J2000<br>Plate Id: (?) | | V=17.8+/-0.1 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (13) 2004-LMC-1066 | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (13) 2004-LMC-1066 | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (13) 2004-LMC-1066 | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 22
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 14, withdrawn** Thu Jan 17 19:31:34 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

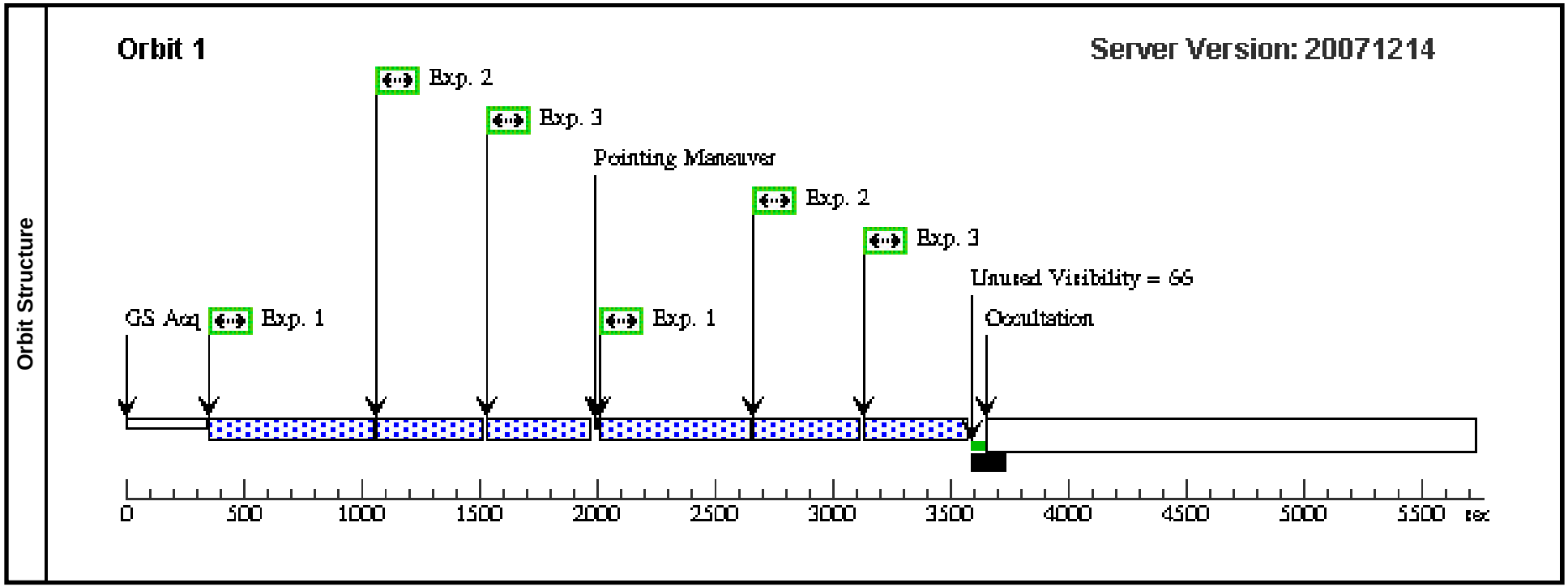
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (14) | 2005-LMC-028-COPY | RA: 05 47 44.2940 (86.9345583d)<br>Dec: -71 32 2.71 (-71.53409d)<br>Equinox: J2000<br>Plate Id: (?) | | V=21.5+/-0.2 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (14) 2005-LMC-028-COPY | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs<br>*[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (14) 2005-LMC-028-COPY | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs<br>*[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (14) 2005-LMC-028-COPY | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs<br>*[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 66
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 15, withdrawn** Thu Jan 17 19:31:35 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

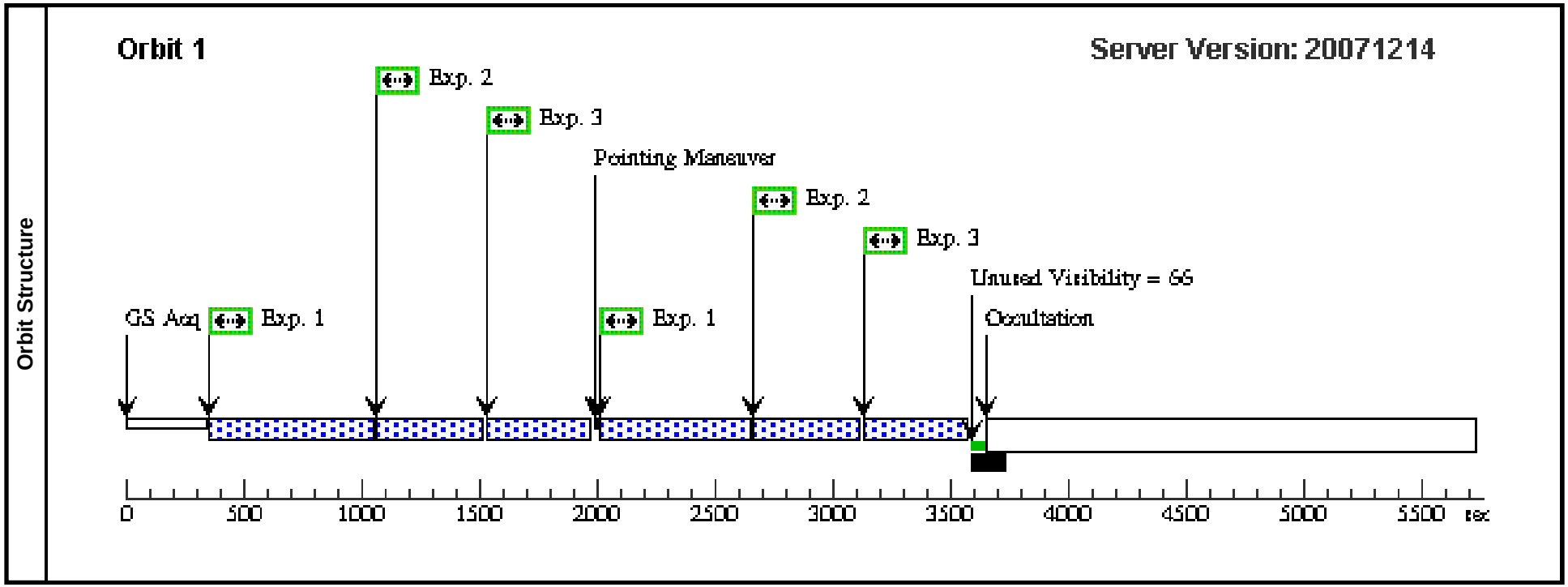
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (15) | 2005-LMC-324 | RA: 05 35 10.9220 (83.7955083d)<br>Dec: -71 22 12.73 (-71.37020d)<br>Equinox: J2000<br>Plate Id: (?) | | V=22.6+/-0.5 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (15) 2005-LMC-324 | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (15) 2005-LMC-324 | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (15) 2005-LMC-324 | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 66
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 16, withdrawn** Thu Jan 17 19:31:35 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

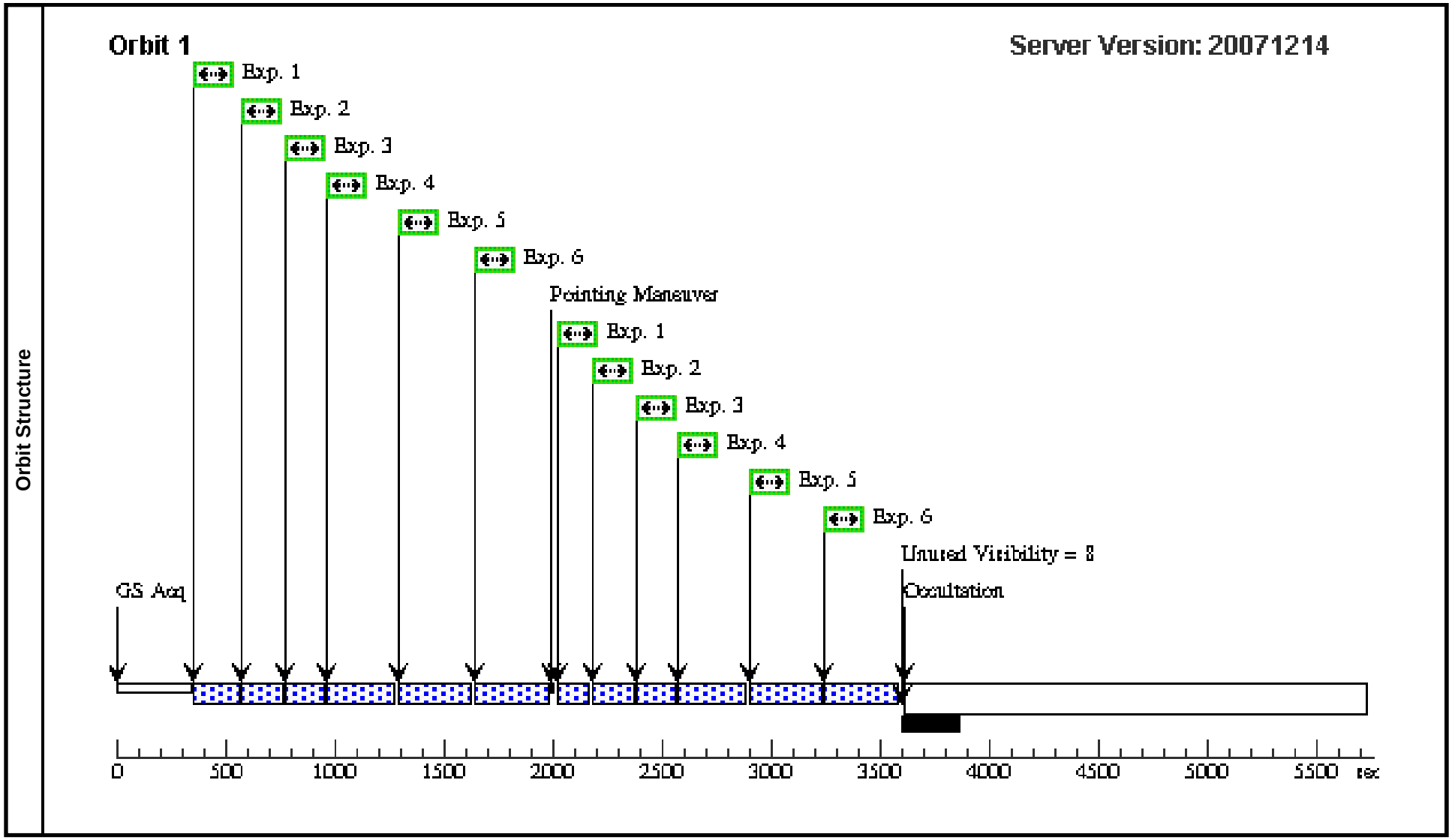
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-6) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (16) | 2004-LMC-1106-COPY | RA: 05 24 19.1650 (81.0798542d)<br>Dec: -69 38 48.91 (-69.64692d)<br>Equinox: J2000<br>Plate Id: (?) | | V=21.9+/-0.5 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (16) 2004-LMC-1106-COPY | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-6 (1) | 30.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (16) 2004-LMC-1106-COPY | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-6 (1) | 30.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (16) 2004-LMC-1106-COPY | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-6 (1) | 30.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 4 | | (16) 2004-LMC-1106-COPY | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-6 (1) | 200.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 5 | | (16) 2004-LMC-1106-COPY | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-6 (1) | 175.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 6 | | (16) 2004-LMC-1106-COPY | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-6 (1) | 200.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
Exp. 1
Exp. 2
Exp. 3
Exp. 4
Exp. 5
Exp. 6
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Exp. 4
Exp. 5
Exp. 6
Unused Visibility = 8
Occultation
GS Acq
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 17, withdrawn** Thu Jan 17 19:31:36 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

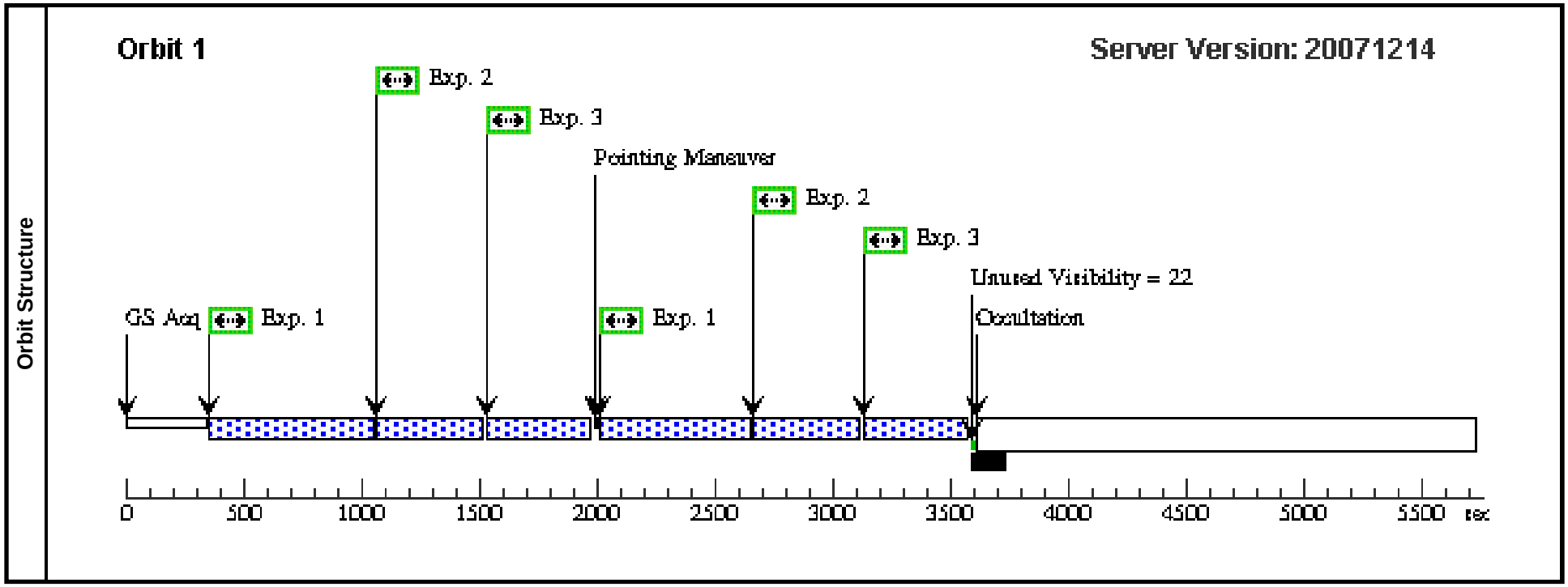
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (17) | 2004-LMC-780NEEDSUPDATE | RA: 05 07 34.9380 (76.8955750d)<br>Dec: -67 40 45.57 (-67.67932d)<br>Equinox: J2000<br>Plate Id: (?) | | V=21.9+/-0.1 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (17) 2004-LMC-780 NEEDSUPDATE | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (17) 2004-LMC-780 NEEDSUPDATE | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (17) 2004-LMC-780 NEEDSUPDATE | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 22
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 18, withdrawn** Thu Jan 17 19:31:36 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

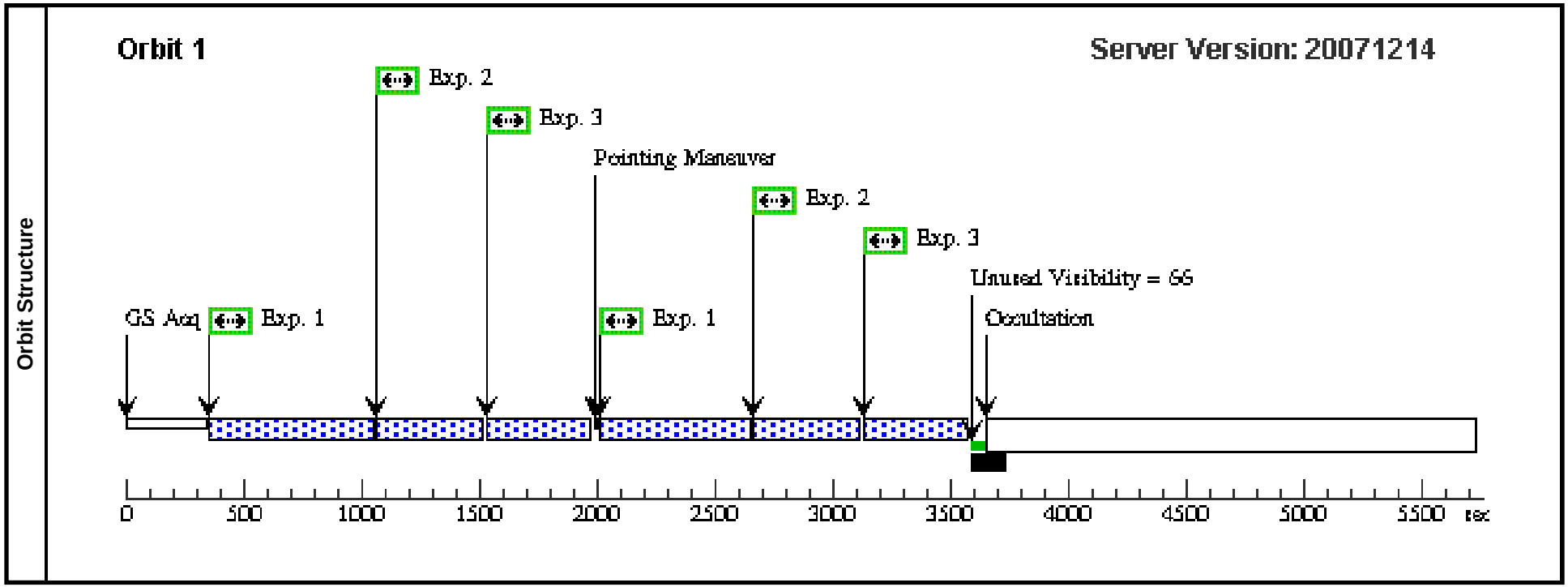
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (18) | 2004-LMC-790NEEDSUPDATE | RA: 05 33 7.0750 (83.2794792d)<br>Dec: -70 28 26.54 (-70.47404d)<br>Equinox: J2000<br>Plate Id: (?) | | V=22.6+/-0.5 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (18) 2004-LMC-790 NEEDSUPDATE | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (18) 2004-LMC-790 NEEDSUPDATE | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (18) 2004-LMC-790 NEEDSUPDATE | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 66
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 19, withdrawn** Thu Jan 17 19:31:37 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

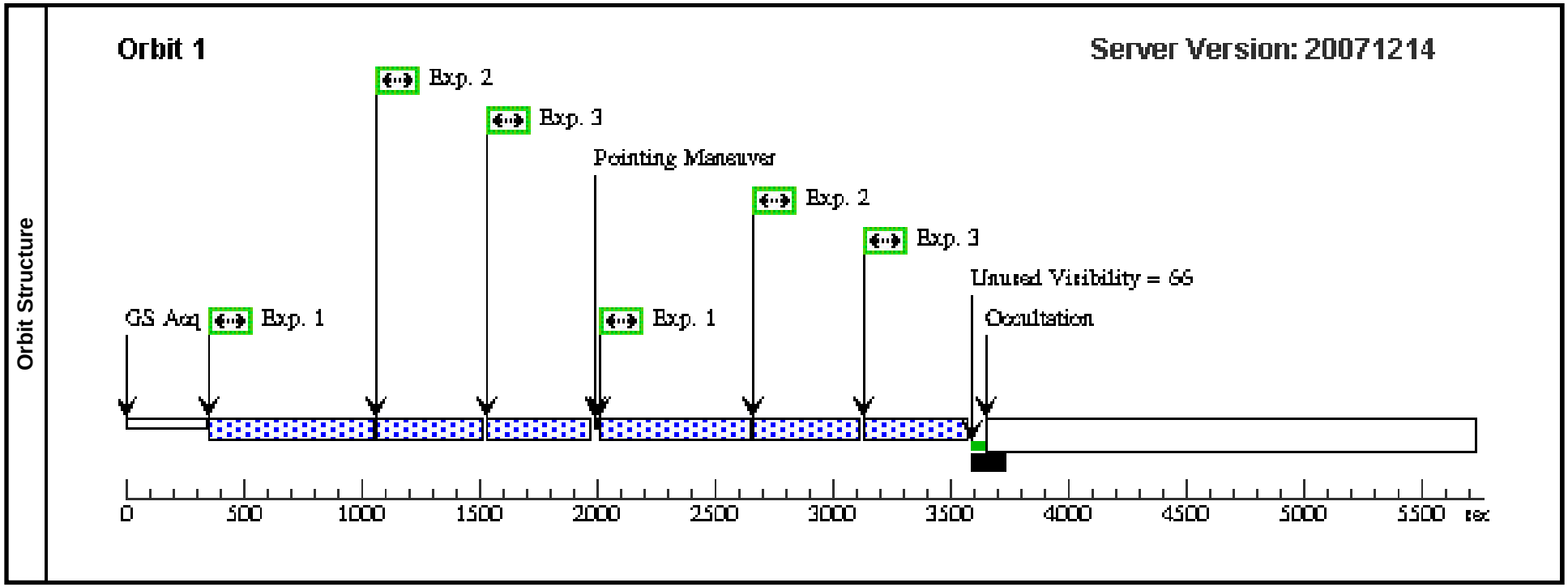
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (19) | 2004-LMC-805NEEDSUPATE | RA: 05 28 35.4350 (82.1476458d)<br>Dec: -70 36 18.75 (-70.60521d)<br>Equinox: J2000<br>Plate Id: (?) | | V=21.7+/-0.2 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (19) 2004-LMC-805 NEEDSUPATE | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (19) 2004-LMC-805 NEEDSUPATE | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (19) 2004-LMC-805 NEEDSUPATE | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 66
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 20, withdrawn** Thu Jan 17 19:31:37 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

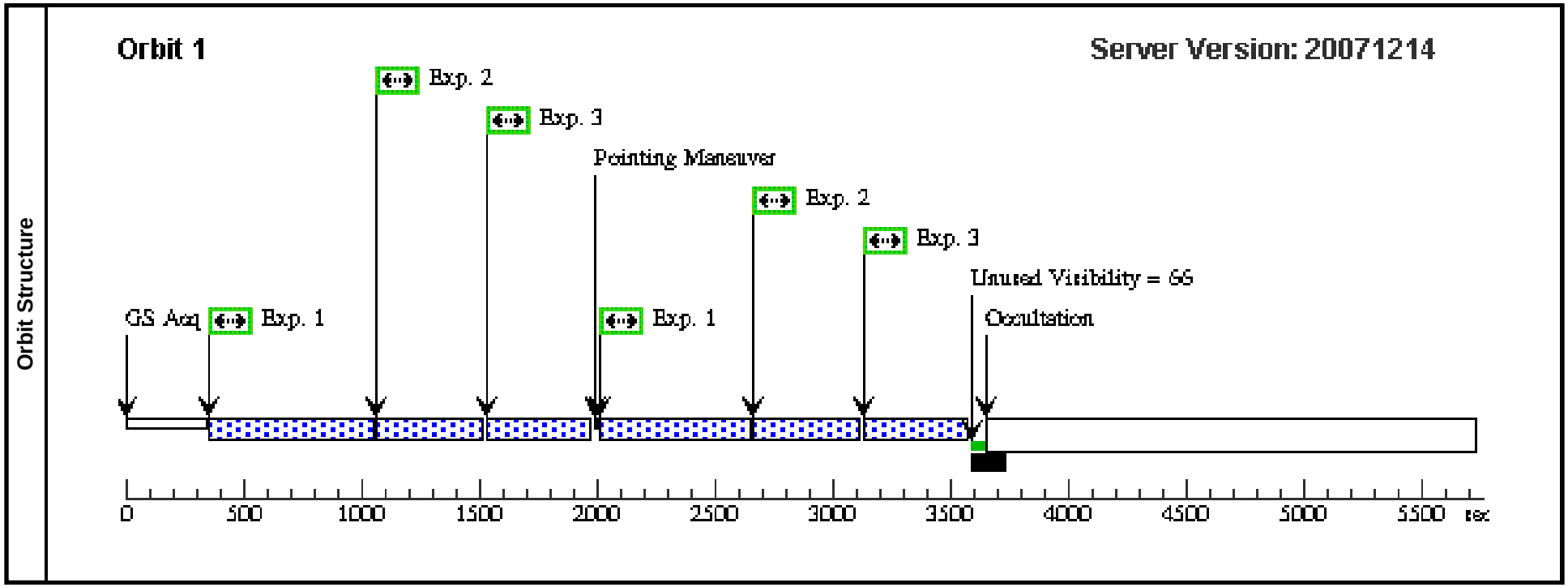
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (20) | 2004-LMC-812NEEDSUPDATE | RA: 05 23 21.8150 (80.8408958d)<br>Dec: -70 39 10.23 (-70.65284d)<br>Equinox: J2000<br>Plate Id: (?) | | V=21.6+/-0.1 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (20) 2004-LMC-812 NEEDSUPDATE | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (20) 2004-LMC-812 NEEDSUPDATE | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (20) 2004-LMC-812 NEEDSUPDATE | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 66
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 21, withdrawn** Thu Jan 17 19:31:37 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

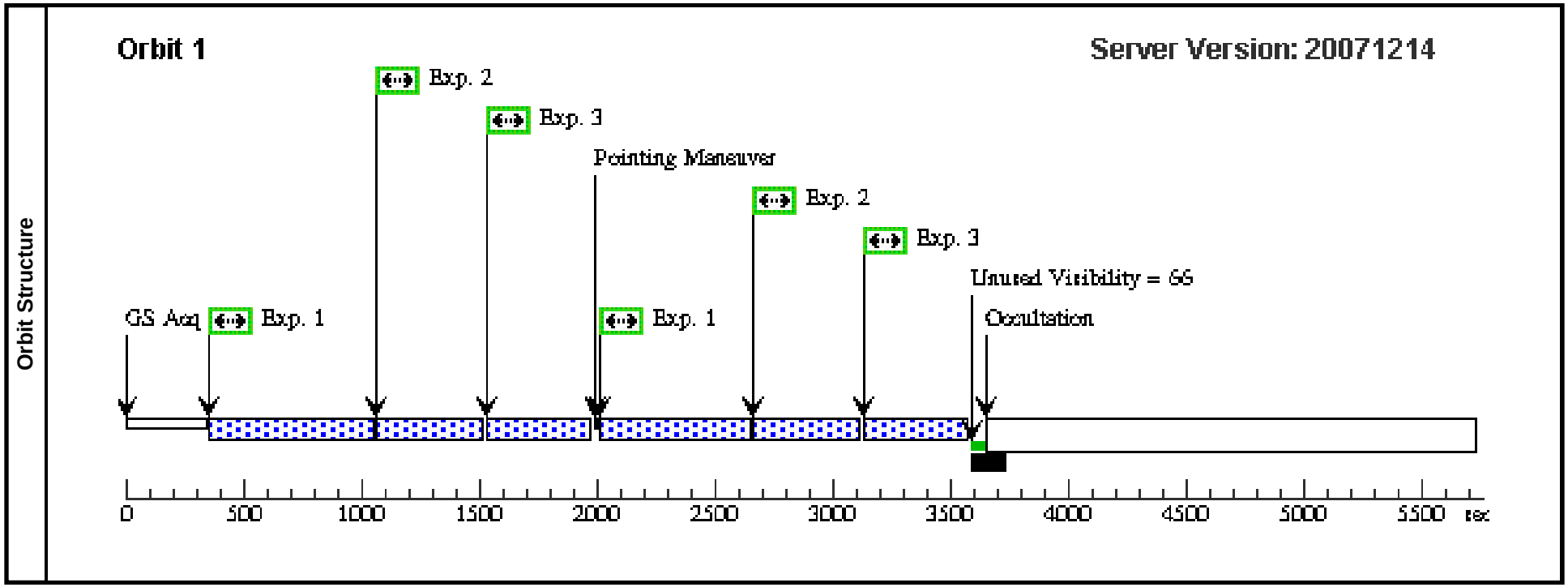
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (21) | 2004-LMC-876NEEDSUPDATE | RA: 06 05 44.6490 (91.4360375d)<br>Dec: -70 01 55.30 (-70.03203d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23+/-0.1 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (21) 2004-LMC-876 NEEDSUPDATE | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (21) 2004-LMC-876 NEEDSUPDATE | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (21) 2004-LMC-876 NEEDSUPDATE | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 66
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 22, withdrawn** Thu Jan 17 19:31:37 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

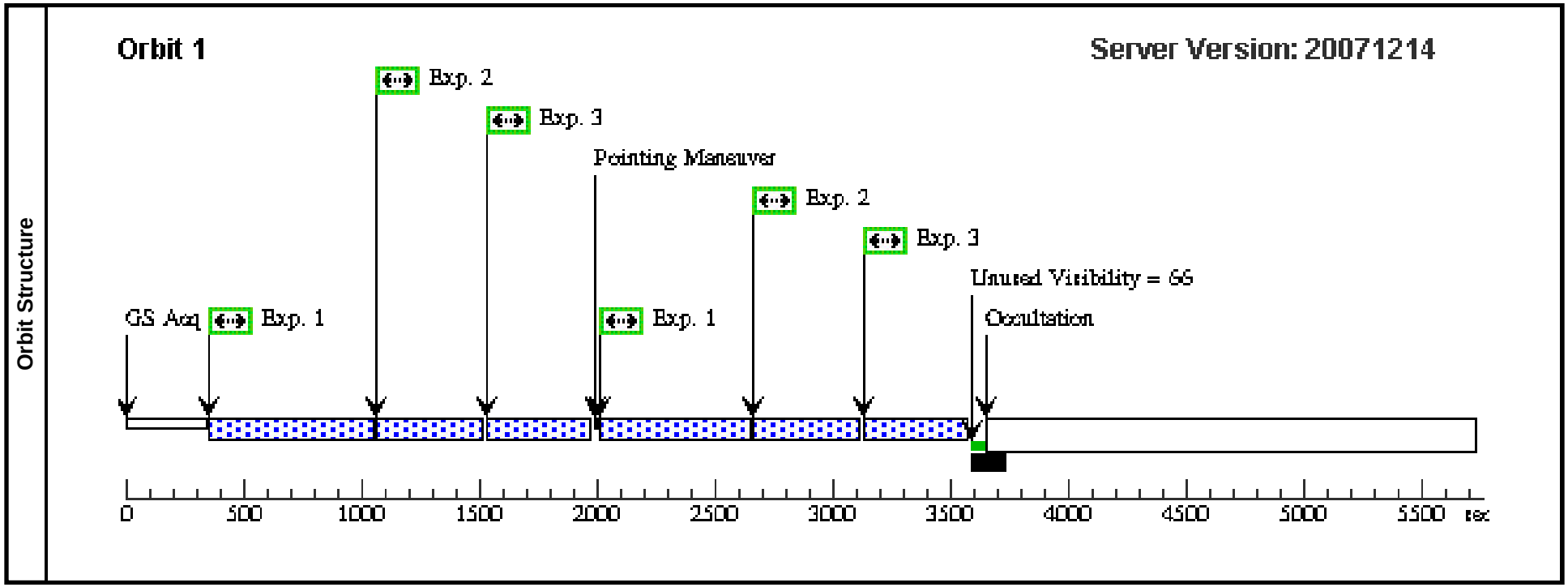
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (22) | 2004-LMC-898NEEDSUPDATE | RA: 05 50 8.6050 (87.5358542d)<br>Dec: -71 08 42.89 (-71.14525d)<br>Equinox: J2000<br>Plate Id: (?) | | V=21+/-0.5 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (22) 2004-LMC-898 NEEDSUPDATE | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (22) 2004-LMC-898 NEEDSUPDATE | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (22) 2004-LMC-898 NEEDSUPDATE | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 66
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 23, withdrawn** Thu Jan 17 19:31:38 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

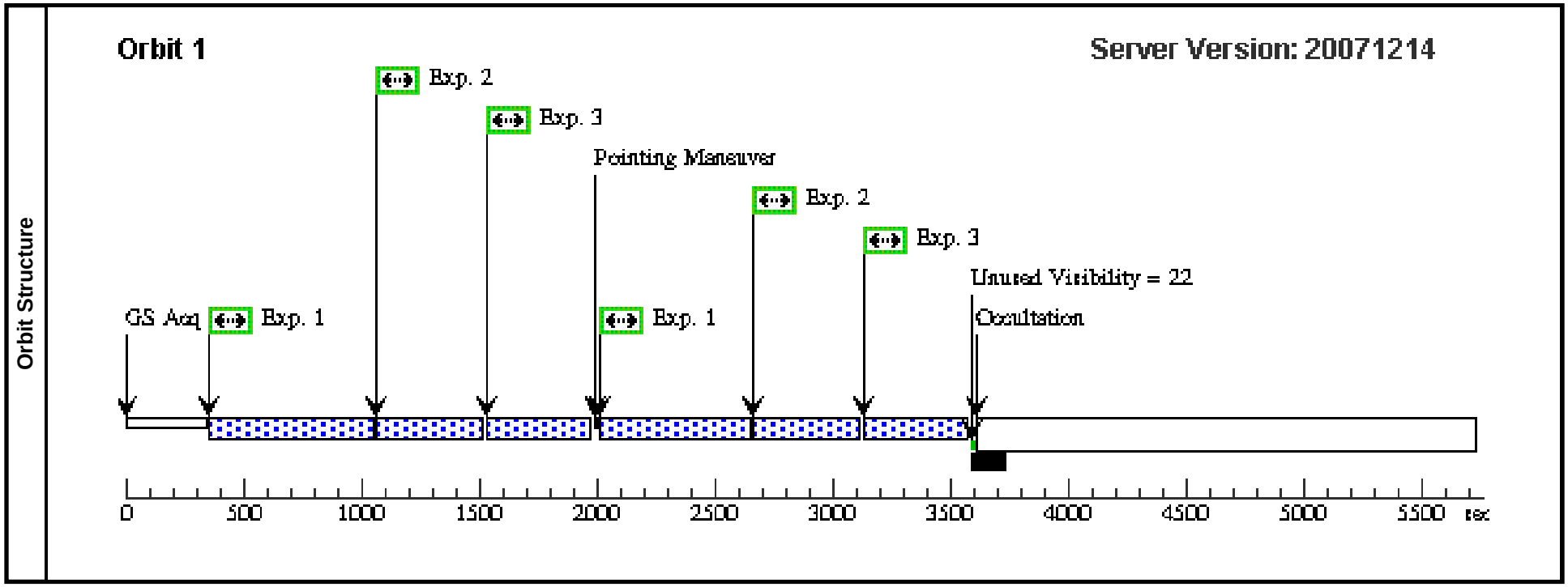
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (23) | 2004-LMC-931NEEDSUPDATE | RA: 04 53 27.6500 (73.3652083d)<br>Dec: -68 36 14.41 (-68.60400d)<br>Equinox: J2000<br>Plate Id: (?) | | V=21.7+/-0.2 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (23) 2004-LMC-931 NEEDSUPDATE | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (23) 2004-LMC-931 NEEDSUPDATE | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (23) 2004-LMC-931 NEEDSUPDATE | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 22
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 24, withdrawn** Thu Jan 17 19:31:38 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

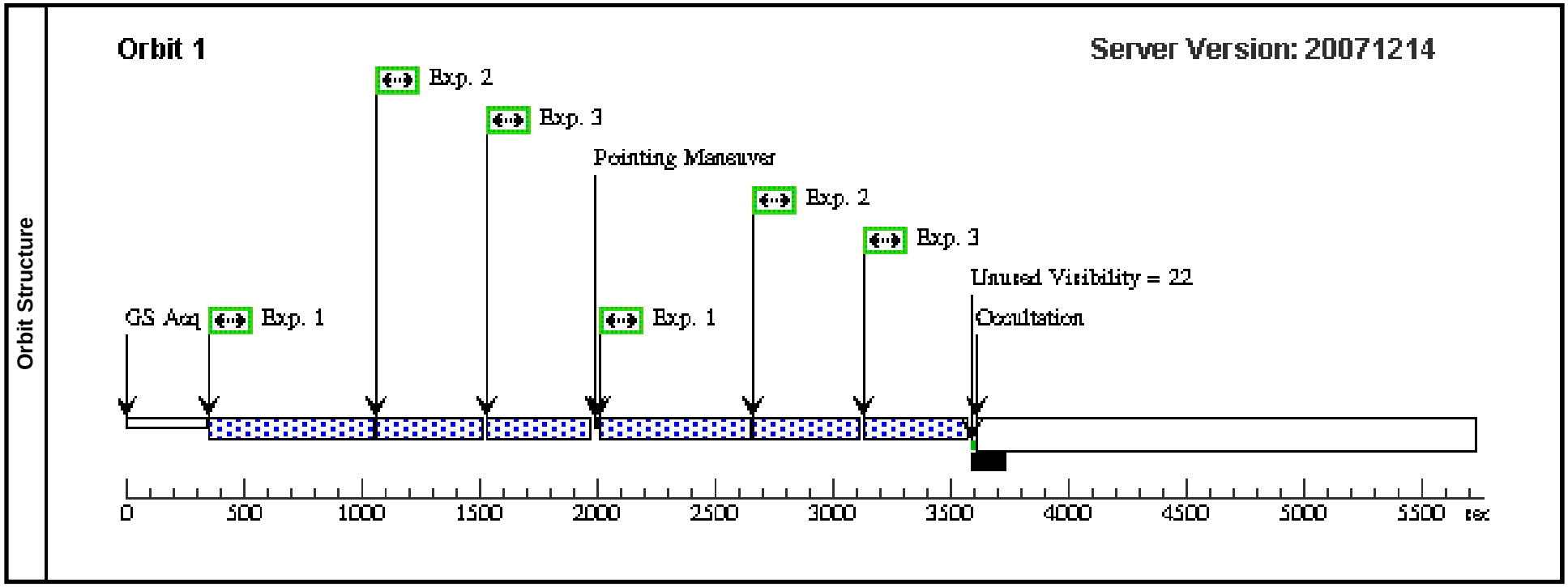
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (24) | 2005-LMC-01 | RA: 05 35 0.0000 (83.7500000d)<br>Dec: -69 00 0.00 (-69.00000d)<br>Equinox: J2000<br>Plate Id: (?) | | V=24 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (24) 2005-LMC-01 | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (24) 2005-LMC-01 | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (24) 2005-LMC-01 | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 22
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 25, withdrawn** Thu Jan 17 19:31:38 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

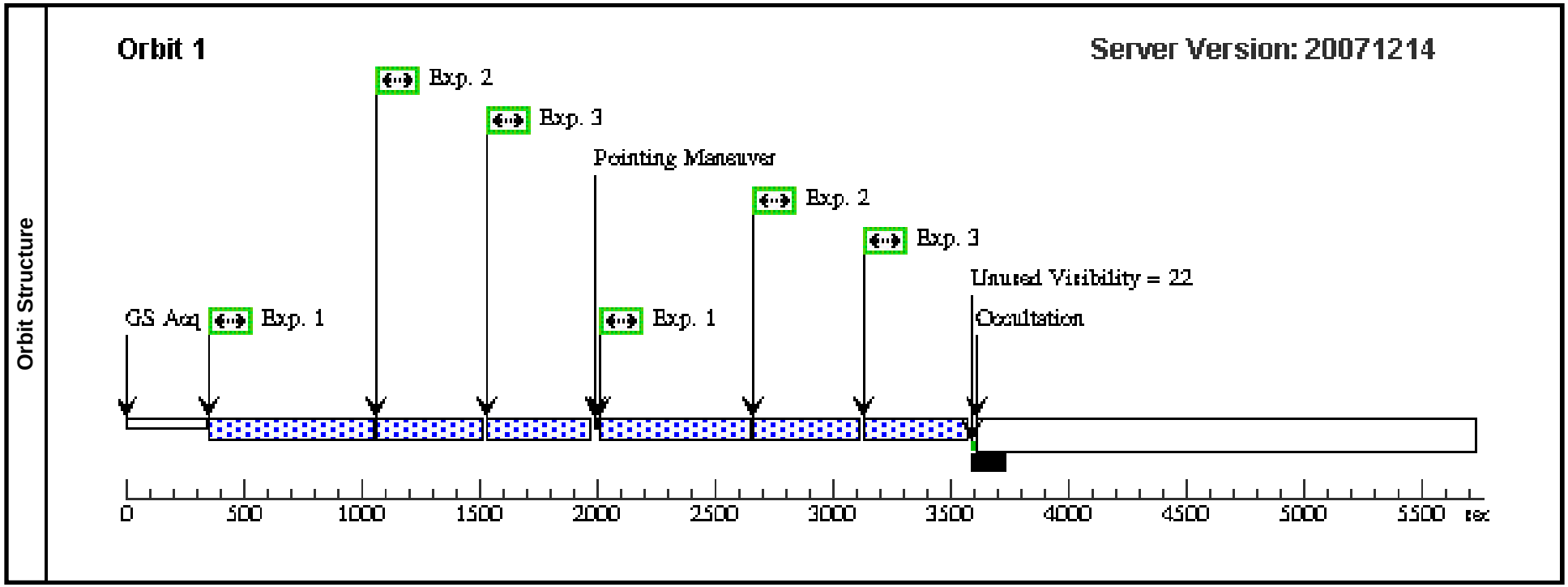
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (25) | 2005-LMC-02 | RA: 05 35 0.0000 (83.7500000d)<br>Dec: -69 00 0.00 (-69.00000d)<br>Equinox: J2000<br>Plate Id: (?) | | V=24 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (25) 2005-LMC-02 | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (25) 2005-LMC-02 | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (25) 2005-LMC-02 | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 22
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 26, withdrawn** Thu Jan 17 19:31:38 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

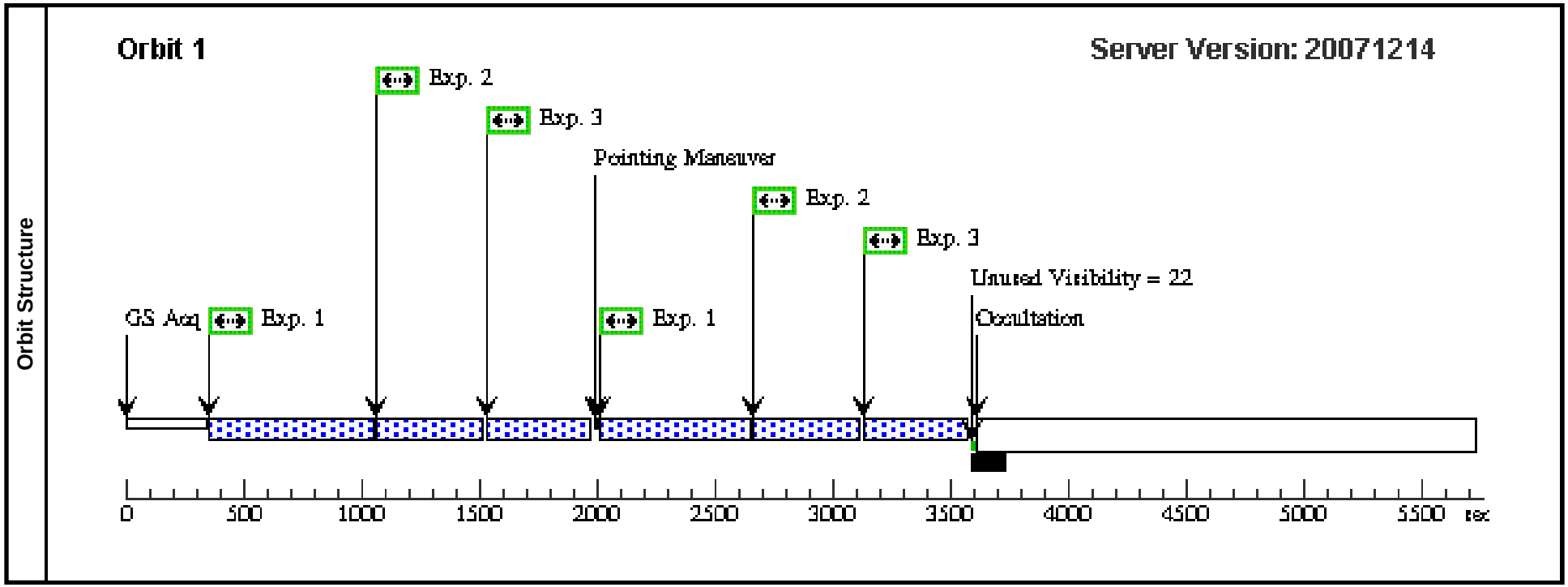
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (26) | 2005-LMC-03 | RA: 05 35 0.0000 (83.7500000d)<br>Dec: -69 00 0.00 (-69.00000d)<br>Equinox: J2000<br>Plate Id: (?) | | V=24 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (26) 2005-LMC-03 | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (26) 2005-LMC-03 | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (26) 2005-LMC-03 | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 22
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 27, withdrawn** Thu Jan 17 19:31:38 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

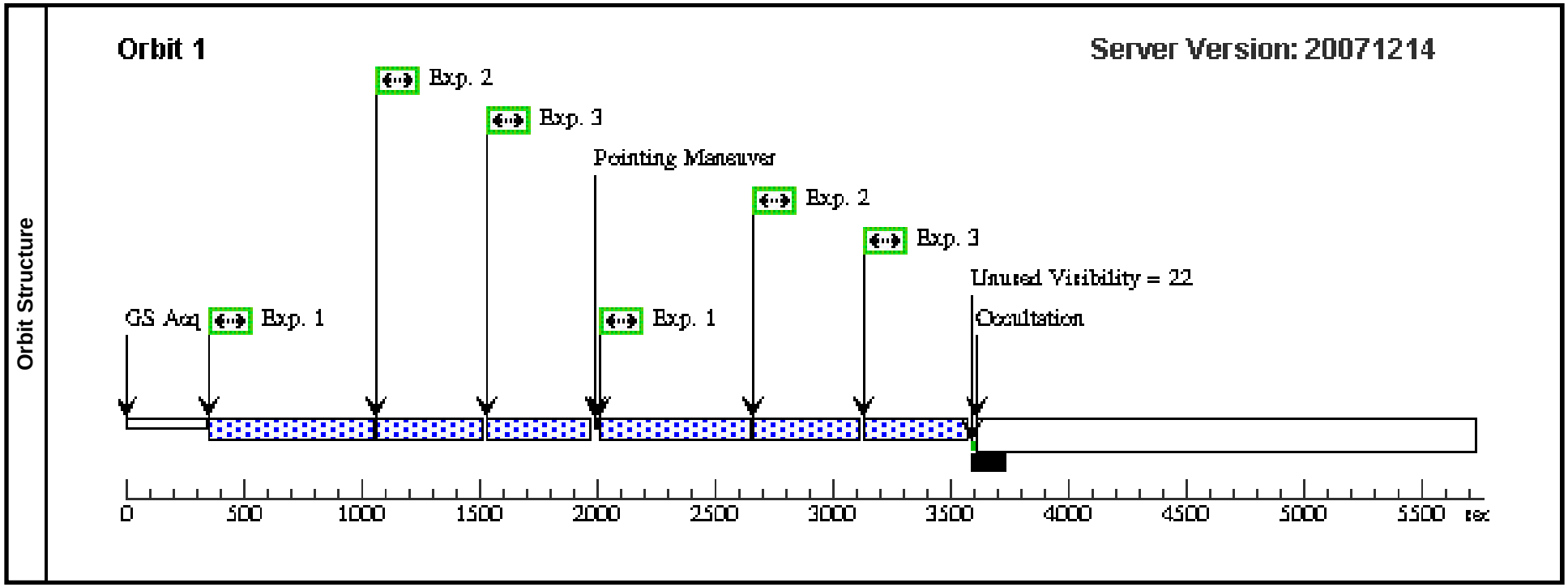
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (27) | 2005-LMC-04 | RA: 05 35 0.0000 (83.7500000d)<br>Dec: -69 00 0.00 (-69.00000d)<br>Equinox: J2000<br>Plate Id: (?) | | V=24 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (27) 2005-LMC-04 | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (27) 2005-LMC-04 | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (27) 2005-LMC-04 | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 22
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 28, withdrawn** Thu Jan 17 19:31:39 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

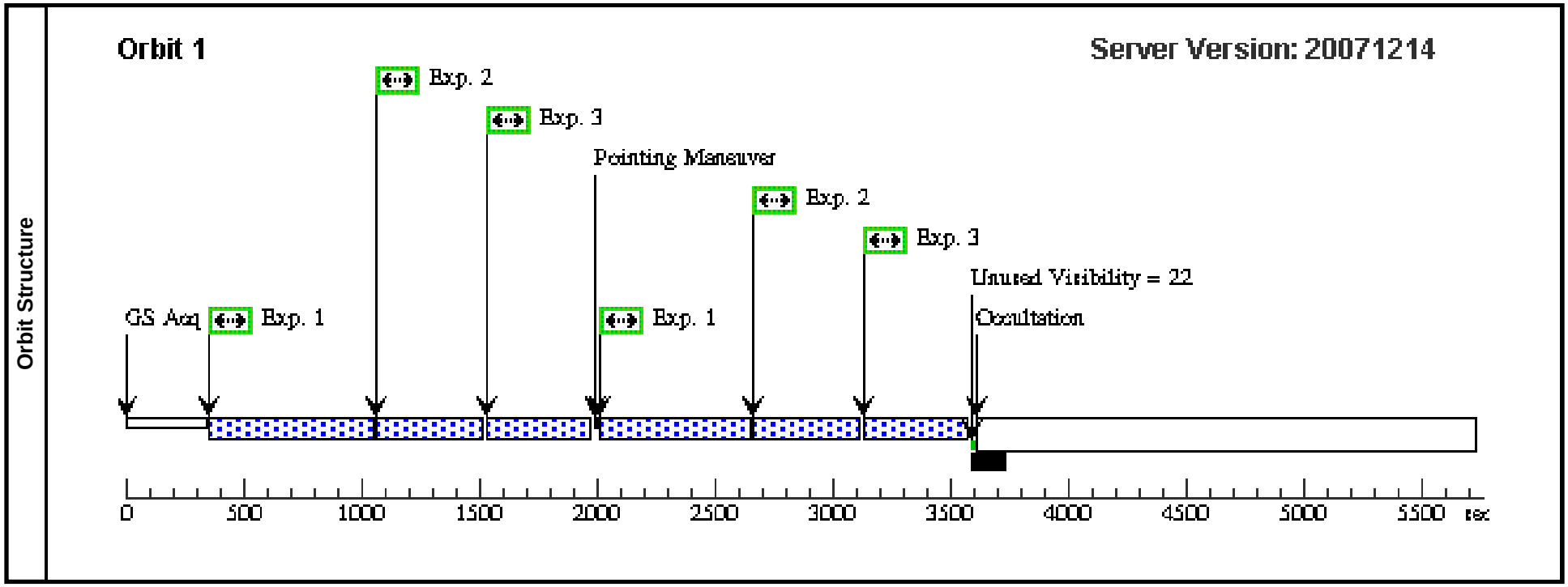
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (28) | 2005-LMC-05 | RA: 05 35 0.0000 (83.7500000d)<br>Dec: -69 00 0.00 (-69.00000d)<br>Equinox: J2000<br>Plate Id: (?) | | V=24 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (28) 2005-LMC-05 | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (28) 2005-LMC-05 | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (28) 2005-LMC-05 | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 22
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 29, withdrawn** Thu Jan 17 19:31:39 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

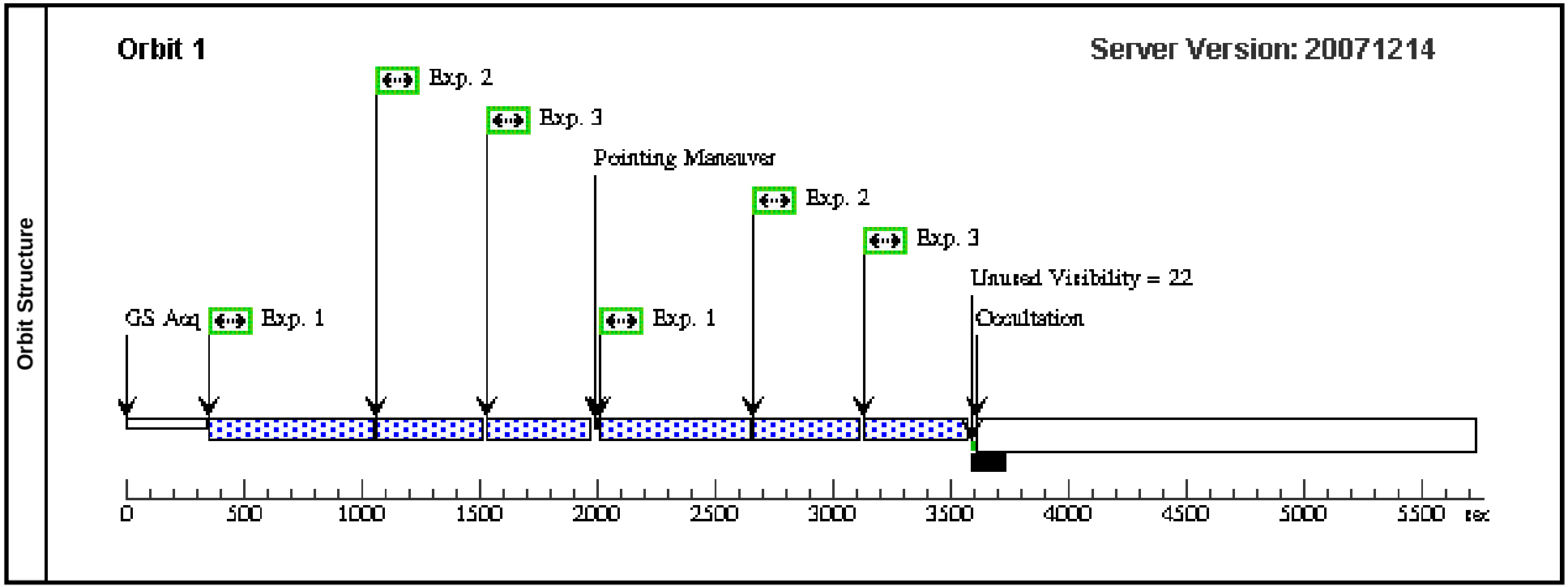
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (29) | 2005-LMC-06 | RA: 05 35 0.0000 (83.7500000d)<br>Dec: -69 00 0.00 (-69.00000d)<br>Equinox: J2000<br>Plate Id: (?) | | V=24 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (29) 2005-LMC-06 | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (29) 2005-LMC-06 | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (29) 2005-LMC-06 | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 22
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 30, withdrawn** Thu Jan 17 19:31:39 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

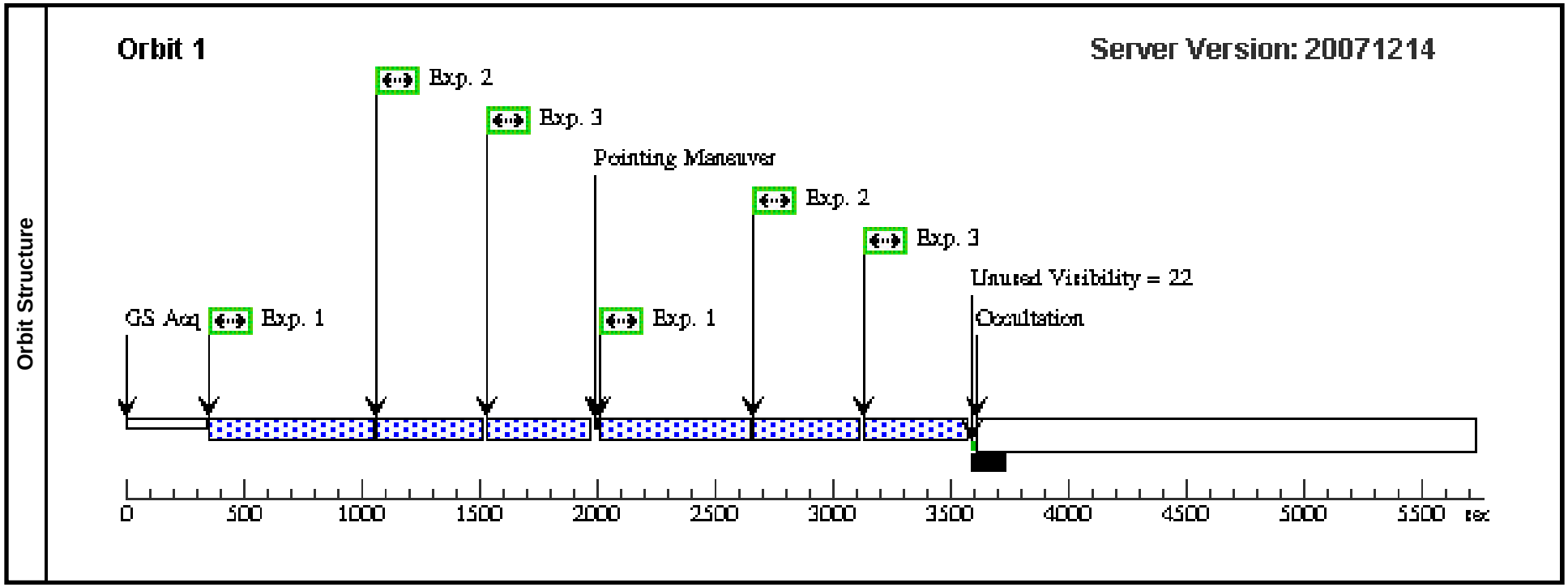
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (30) | 2005-LMC-07 | RA: 05 35 0.0000 (83.7500000d)<br>Dec: -69 00 0.00 (-69.00000d)<br>Equinox: J2000<br>Plate Id: (?) | | V=24 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (30) 2005-LMC-07 | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (30) 2005-LMC-07 | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (30) 2005-LMC-07 | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 22
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 31, withdrawn** Thu Jan 17 19:31:39 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

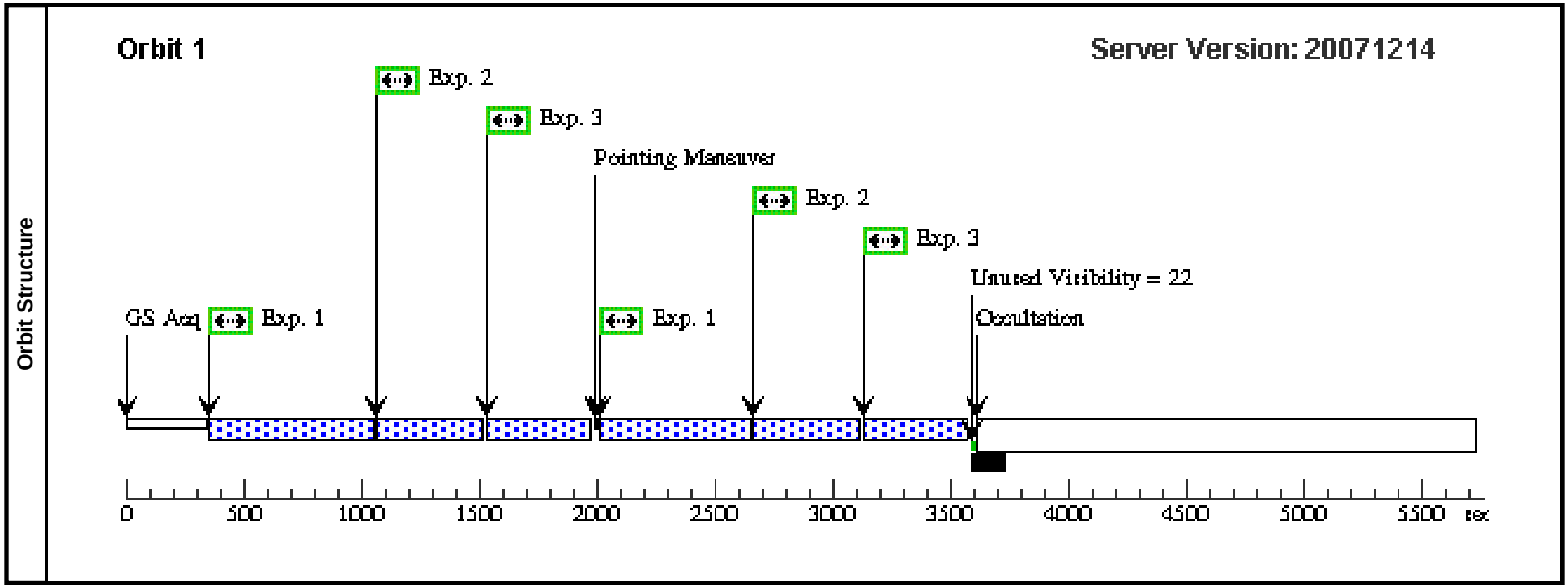
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (31) | 2005-LMC-08 | RA: 05 35 0.0000 (83.7500000d)<br>Dec: -69 00 0.00 (-69.00000d)<br>Equinox: J2000<br>Plate Id: (?) | | V=24 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (31) 2005-LMC-08 | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (31) 2005-LMC-08 | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (31) 2005-LMC-08 | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 22
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 32, withdrawn** Thu Jan 17 19:31:39 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: ACS/WFC

Special Requirements: AFTER 01-MAR-2006:00:00:00

## Patterns

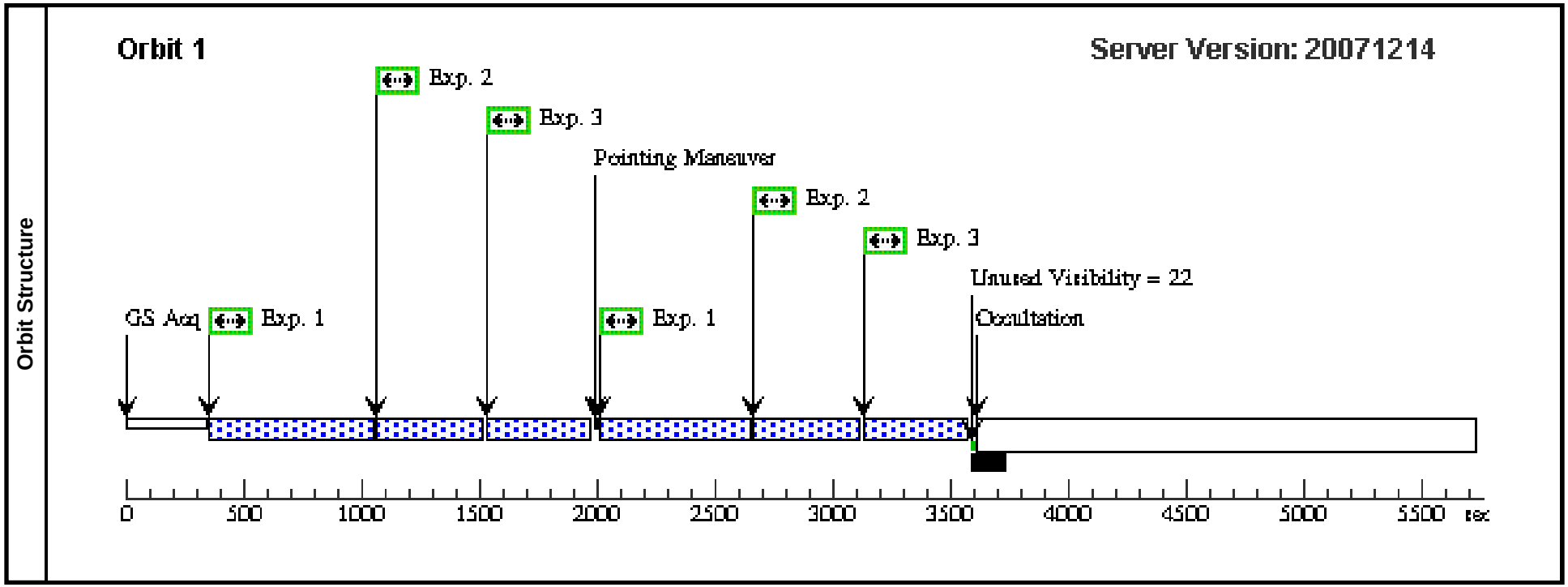
| # | Primary Pattern | | Secondary Pattern | Exposures |
|---|---|---|---|---|
| (1) | Pattern Type=ACS-WFC-DITHER-LINE<br>Purpose=DITHER<br>Number Of Points=2<br>Point Spacing=3.011<br>Line Spacing= | Coordinate Frame=POS-TARG<br>Pattern Orientation=85.28<br>Angle Between Sides=<br>Center Pattern=false | | (1-3) |

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (32) | 2005-LMC-09 | RA: 05 35 0.0000 (83.7500000d)<br>Dec: -69 00 0.00 (-69.00000d)<br>Equinox: J2000<br>Plate Id: (?) | | V=24 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (32) 2005-LMC-09 | ACS/WFC, ACCUM, WFC1-1K | F435W | CR-SPLIT=NO | | Pattern 1-3 (1) | 525.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 2 | | (32) 2005-LMC-09 | ACS/WFC, ACCUM, WFC1-1K | F606W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |
| 3 | | (32) 2005-LMC-09 | ACS/WFC, ACCUM, WFC1-1K | F814W | CR-SPLIT=NO | | Pattern 1-3 (1) | 300.0 Secs | |
| | | | | | | | | *[==>(Pattern 1)]*<br>*[==>(Pattern 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
GS Acq
Exp. 1
Exp. 2
Exp. 3
Pointing Maneuver
Exp. 1
Exp. 2
Exp. 3
Unused Visibility = 22
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 41, scheduling** Thu Jan 17 19:31:40 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: WFPC2

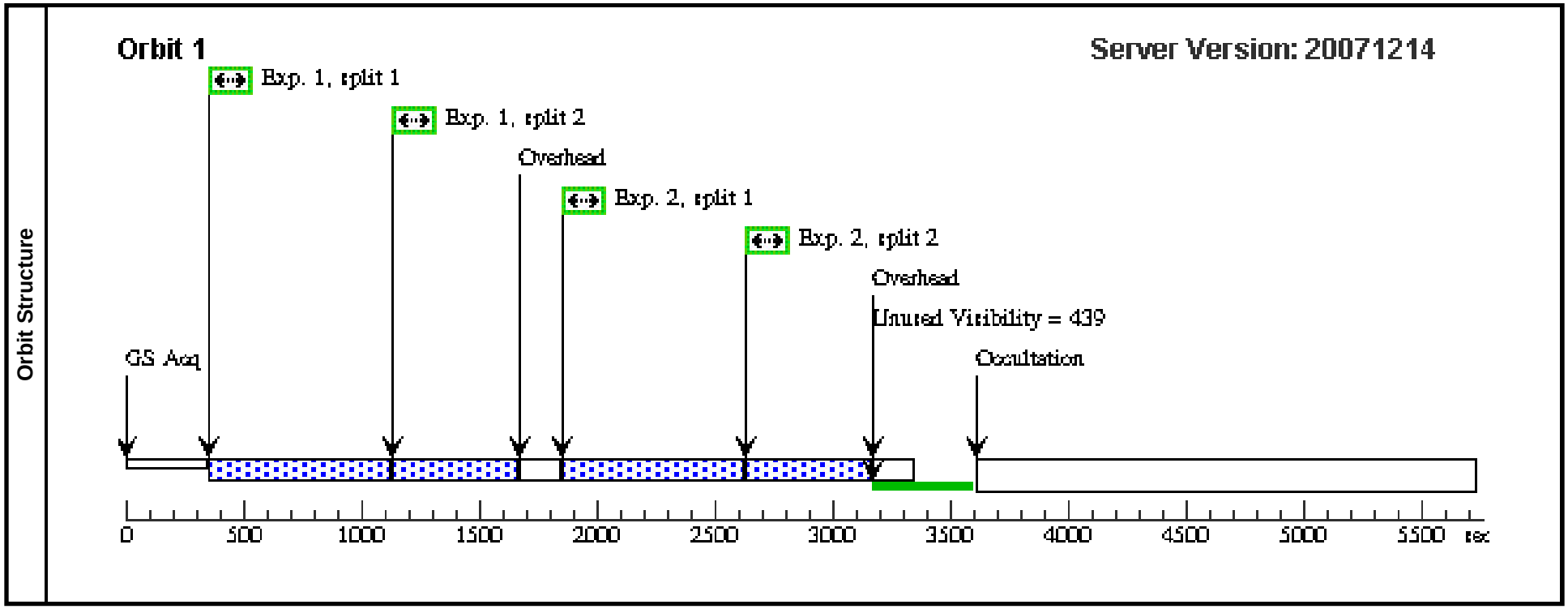
Special Requirements: (none)

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (80) | 2001-LMC-120 | RA: 05 03 20.9480 (75.8372833d)<br>Dec: -68 49 0.00 (-68.81667d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23 | Coordinate Source:<br>GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (80) 2001-LMC-120 | WFPC2, IMAGE, PC1 | F555W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |
| 2 | | (80) 2001-LMC-120 | WFPC2, IMAGE, PC1 | F814W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
Exp. 1, split 1
Exp. 1, split 2
Overhead
Exp. 2, split 1
Exp. 2, split 2
Overhead
Unused Visibility = 439
GS Acq
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 42, scheduling** Thu Jan 17 19:31:40 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: WFPC2

Special Requirements: (none)

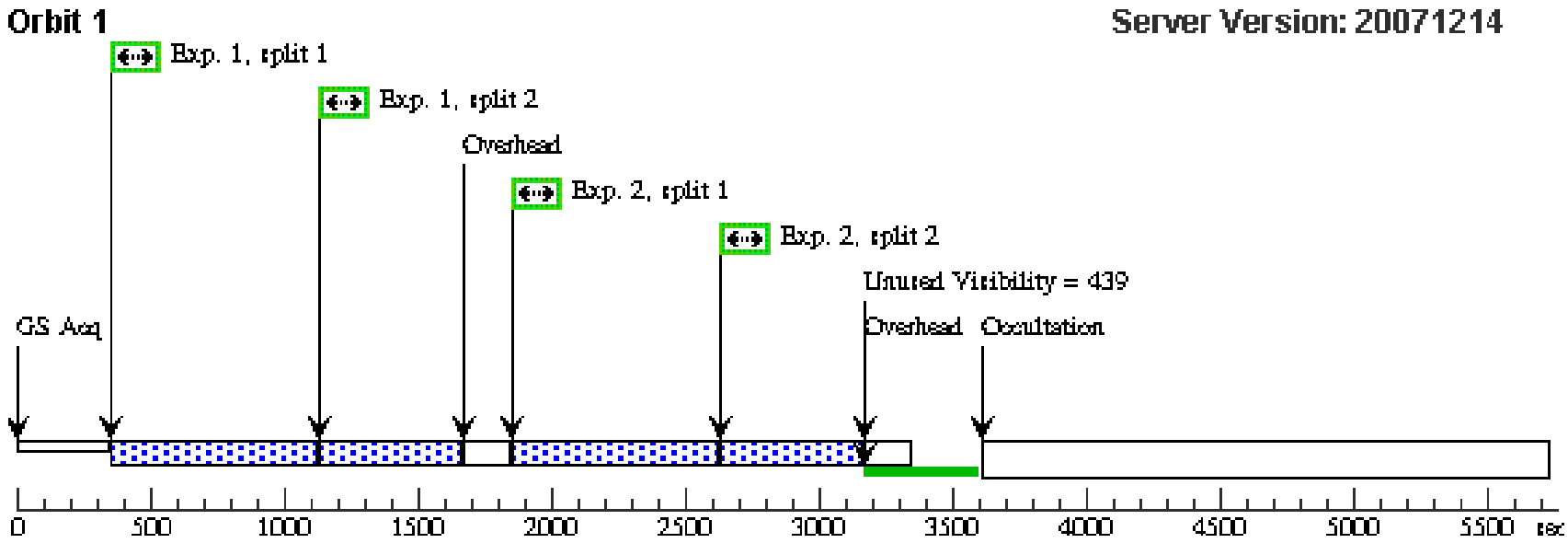
## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (61) | 2002-LMC-020 | RA: 05 19 5.7380 (79.7739083d)<br>Dec: -68 57 15.55 (-68.95432d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (61) 2002-LMC-020 | WFPC2, IMAGE, PC1 | F555W | CR-SPLIT=DEF | | | 1000.0 Secs<br>*[==>(Split 1)]*<br>*[==>(Split 2)]* | *[1]* |
| 2 | | (61) 2002-LMC-020 | WFPC2, IMAGE, PC1 | F814W | CR-SPLIT=DEF | | | 1000.0 Secs<br>*[==>(Split 1)]*<br>*[==>(Split 2)]* | *[1]* |

## Orbit Structure



## Visit

**Proposal 10583, Visit 43, scheduling** Thu Jan 17 19:31:40 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: WFPC2

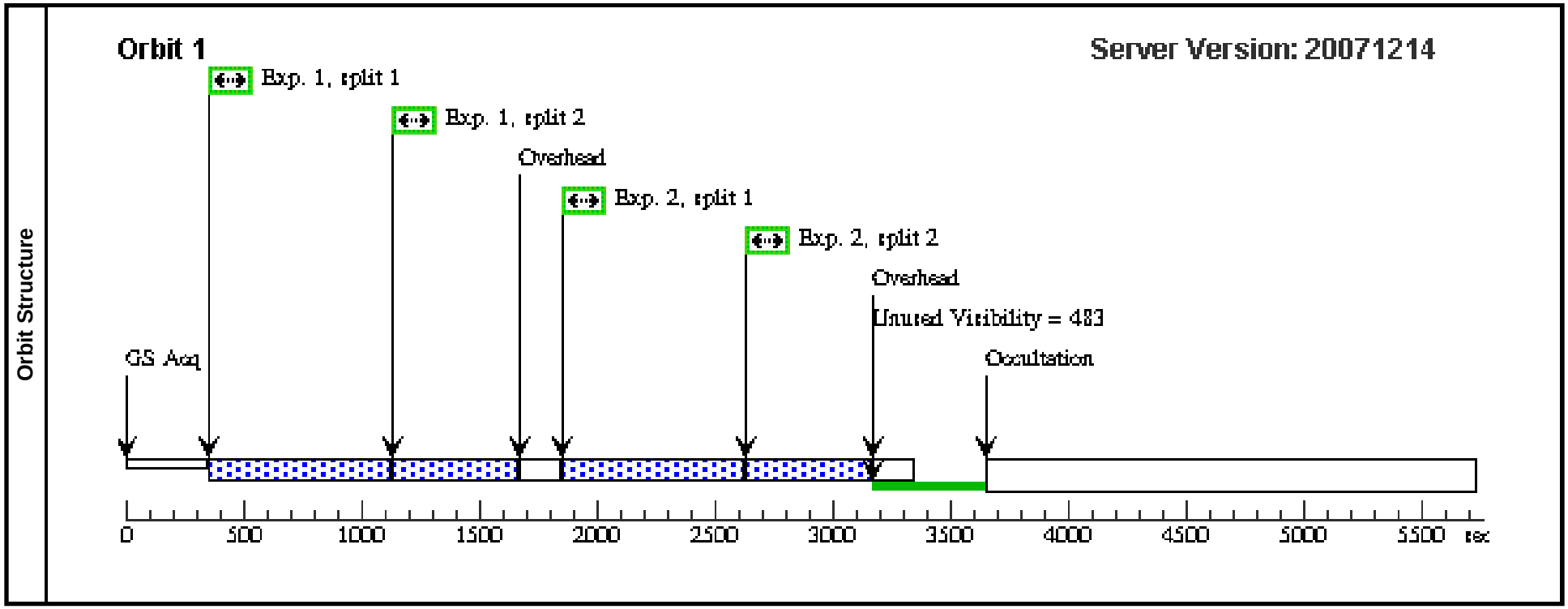
Special Requirements: (none)

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (63) | 2002-LMC-031 | RA: 05 24 10.0290 (81.0417875d)<br>Dec: -70 03 56.63 (-70.06573d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (63) 2002-LMC-031 | WFPC2, IMAGE, PC1 | F555W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |
| 2 | | (63) 2002-LMC-031 | WFPC2, IMAGE, PC1 | F814W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
Exp. 1, split 1
Exp. 1, split 2
Overhead
Exp. 2, split 1
Exp. 2, split 2
Overhead
Unused Visibility = 483
GS Acq
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 44, scheduling** Thu Jan 17 19:31:40 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: WFPC2

Special Requirements: (none)

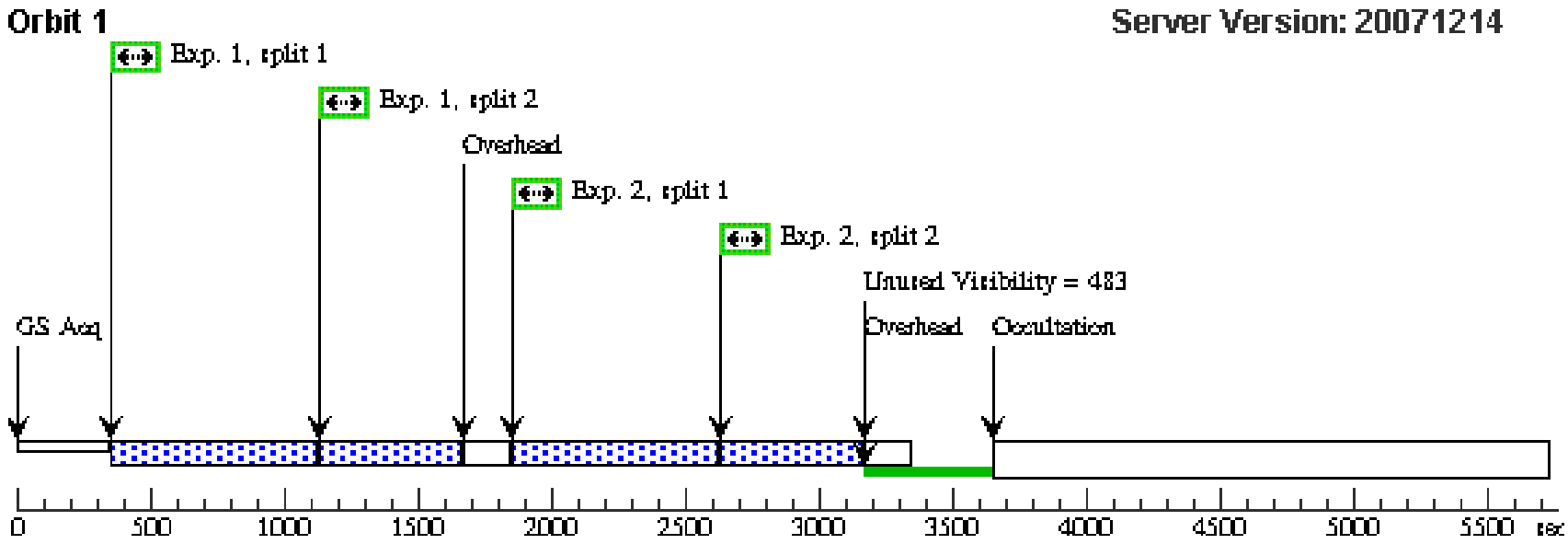
## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (64) | 2002-LMC-089 | RA: 05 20 49.4800 (80.2061667d)<br>Dec: -70 17 58.13 (-70.29948d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (64) 2002-LMC-089 | WFPC2, IMAGE, PC1 | F555W | CR-SPLIT=DEF | | | 1000.0 Secs<br>*[==>(Split 1)]*<br>*[==>(Split 2)]* | *[1]* |
| 2 | | (64) 2002-LMC-089 | WFPC2, IMAGE, PC1 | F814W | CR-SPLIT=DEF | | | 1000.0 Secs<br>*[==>(Split 1)]*<br>*[==>(Split 2)]* | *[1]* |

## Orbit Structure



## Visit

**Proposal 10583, Visit 45, scheduling** Thu Jan 17 19:31:40 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: WFPC2

Special Requirements: (none)

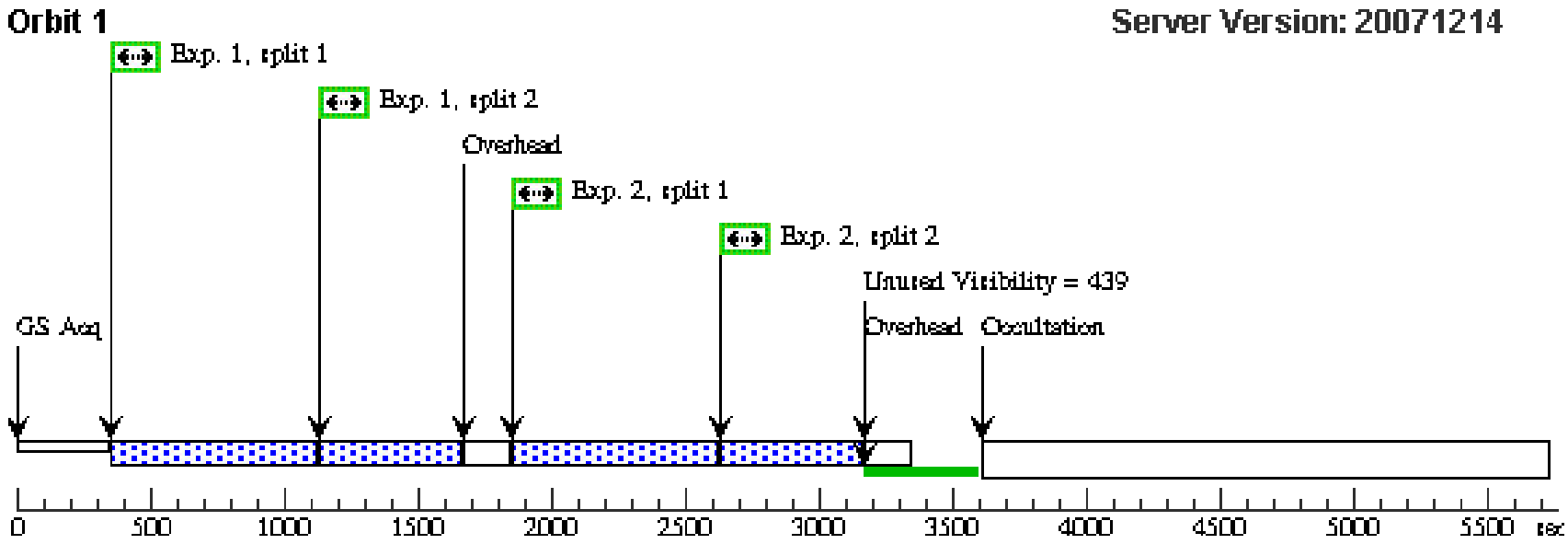
## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (65) | 2002-LMC-100 | RA: 05 41 55.0750 (85.4794792d)<br>Dec: -69 38 15.63 (-69.63768d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (65) 2002-LMC-100 | WFPC2, IMAGE, PC1 | F555W | CR-SPLIT=DEF | | | 1000.0 Secs<br>*[==>(Split 1)]*<br>*[==>(Split 2)]* | *[1]* |
| 2 | | (65) 2002-LMC-100 | WFPC2, IMAGE, PC1 | F814W | CR-SPLIT=DEF | | | 1000.0 Secs<br>*[==>(Split 1)]*<br>*[==>(Split 2)]* | *[1]* |

## Orbit Structure



## Visit

**Proposal 10583, Visit 46, scheduling** Thu Jan 17 19:31:41 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: WFPC2

Special Requirements: (none)

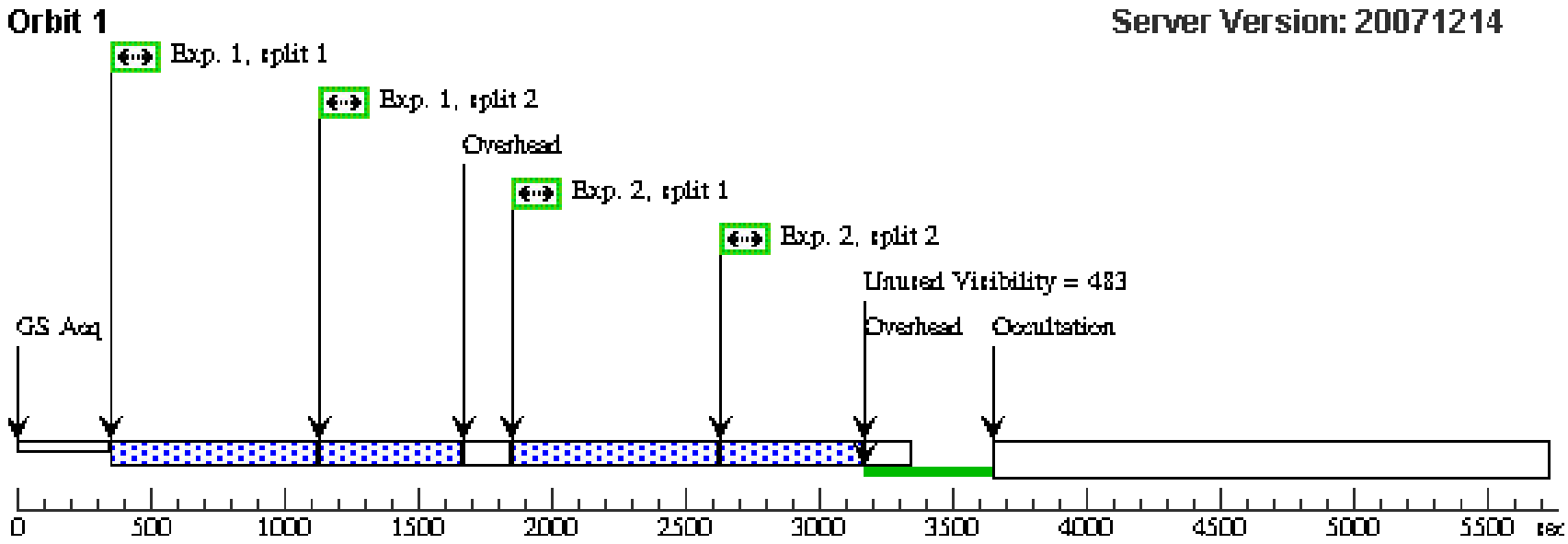
## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (66) | 2002-LMC-138 | RA: 05 34 43.9310 (83.6830458d)<br>Dec: -70 01 37.42 (-70.02706d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (66) 2002-LMC-138 | WFPC2, IMAGE, PC1 | F555W | CR-SPLIT=DEF | | | 1000.0 Secs<br>*[==>(Split 1)]*<br>*[==>(Split 2)]* | *[1]* |
| 2 | | (66) 2002-LMC-138 | WFPC2, IMAGE, PC1 | F814W | CR-SPLIT=DEF | | | 1000.0 Secs<br>*[==>(Split 1)]*<br>*[==>(Split 2)]* | *[1]* |

## Orbit Structure



## Visit

**Proposal 10583, Visit 47, scheduling** Thu Jan 17 19:31:41 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: WFPC2

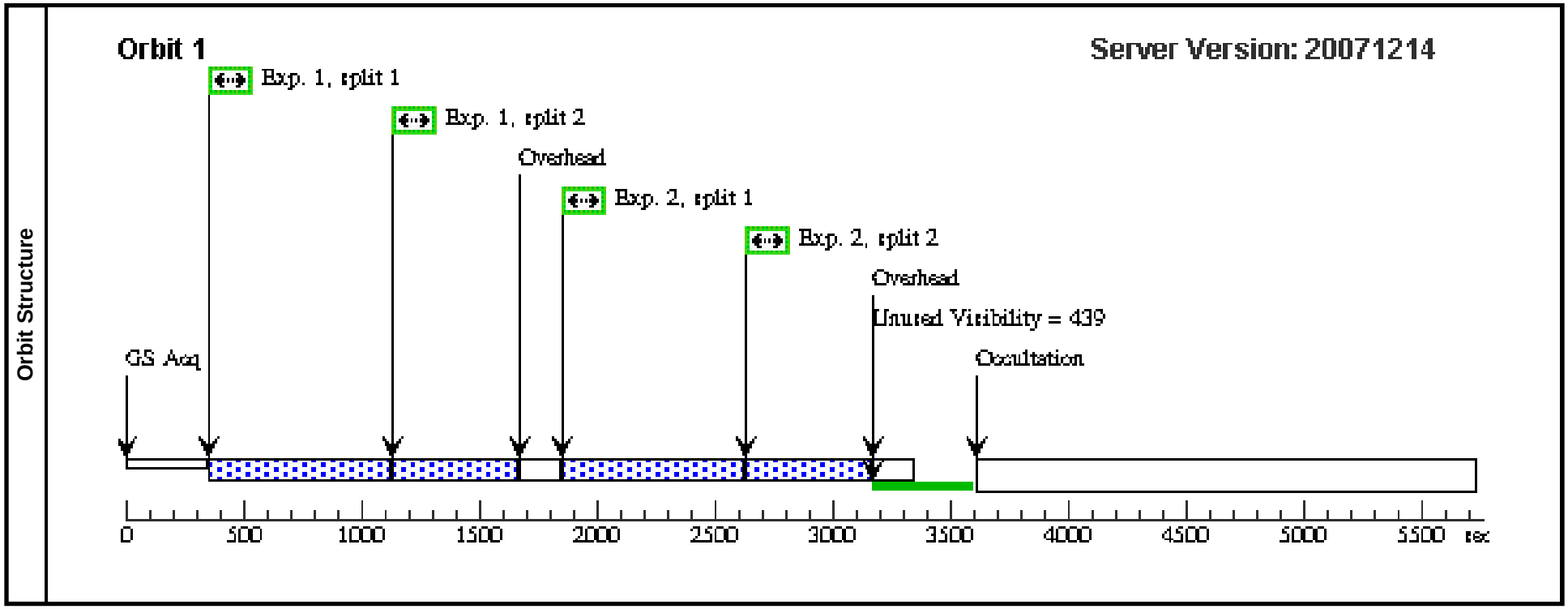
Special Requirements: (none)

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (67) | 2002-LMC-155 | RA: 05 20 43.5710 (80.1815458d)<br>Dec: -68 08 58.77 (-68.14966d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (67) 2002-LMC-155 | WFPC2, IMAGE, PC1 | F555W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |
| 2 | | (67) 2002-LMC-155 | WFPC2, IMAGE, PC1 | F814W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
Exp. 1, split 1
Exp. 1, split 2
Overhead
Exp. 2, split 1
Exp. 2, split 2
Overhead
Unused Visibility = 439
GS Acq
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 48, scheduling** Thu Jan 17 19:31:41 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: WFPC2

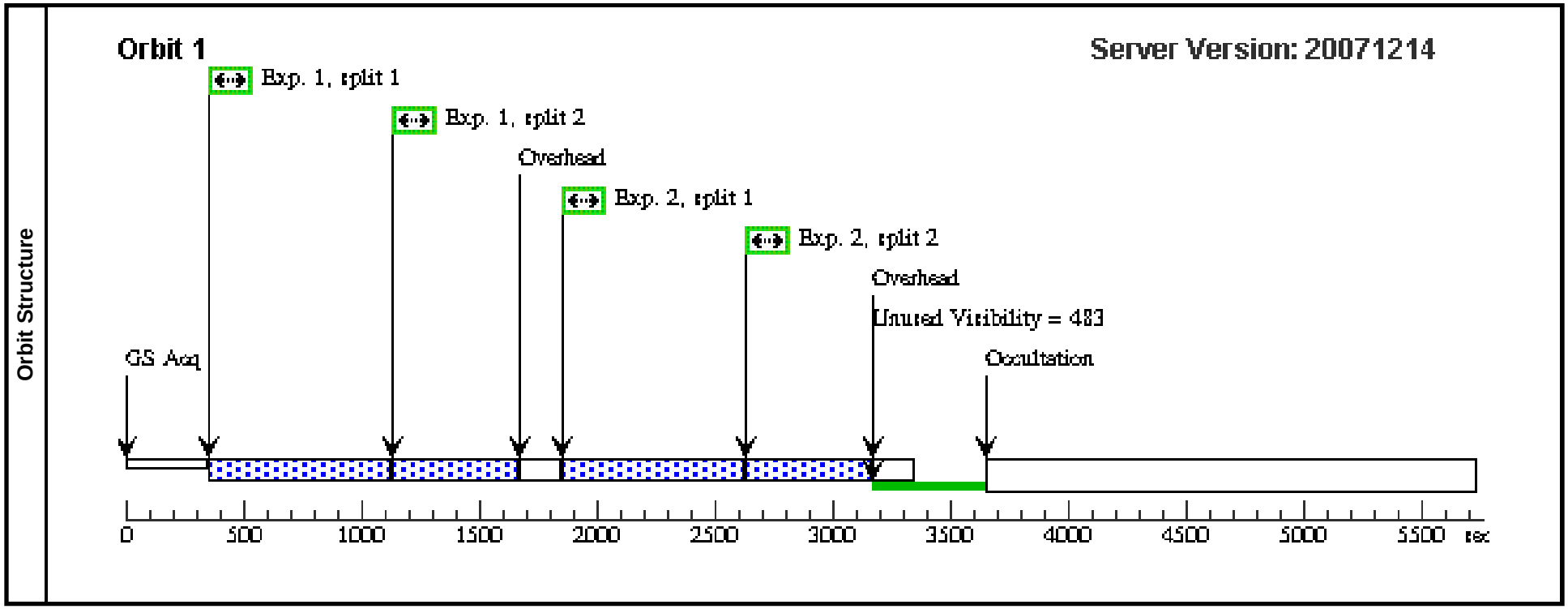
Special Requirements: (none)

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (68) | 2002-LMC-167 | RA: 04 58 19.4890 (74.5812042d)<br>Dec: -70 26 37.18 (-70.44366d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (68) 2002-LMC-167 | WFPC2, IMAGE, PC1 | F555W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |
| 2 | | (68) 2002-LMC-167 | WFPC2, IMAGE, PC1 | F814W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
Exp. 1, split 1
Exp. 1, split 2
Overhead
Exp. 2, split 1
Exp. 2, split 2
Overhead
Unused Visibility = 483
GS Acq
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 49, scheduling** Thu Jan 17 19:31:41 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: WFPC2

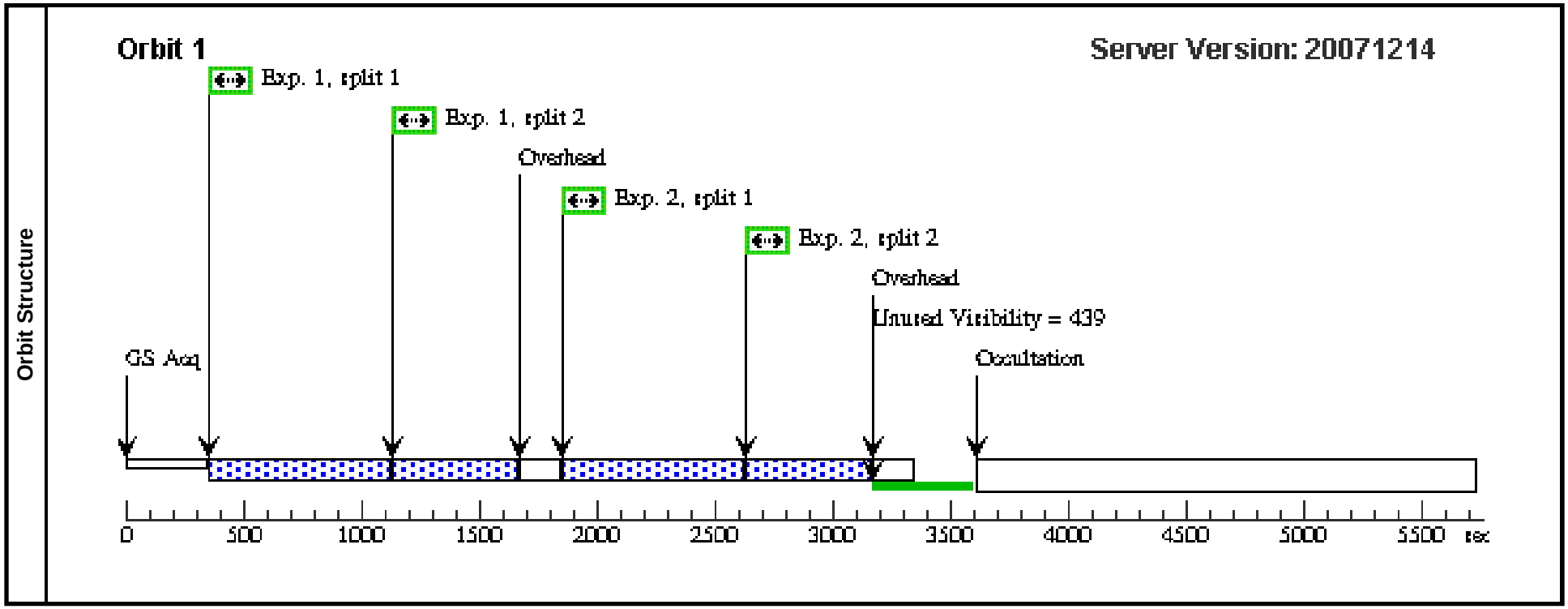
Special Requirements: (none)

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (69) | 2002-LMC-170 | RA: 05 01 51.5460 (75.4647750d)<br>Dec: -68 41 22.52 (-68.68959d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (69) 2002-LMC-170 | WFPC2, IMAGE, PC1 | F555W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |
| 2 | | (69) 2002-LMC-170 | WFPC2, IMAGE, PC1 | F814W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
Exp. 1, split 1
Exp. 1, split 2
Overhead
Exp. 2, split 1
Exp. 2, split 2
Overhead
Unused Visibility = 439
GS Acq
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 50, scheduling** Thu Jan 17 19:31:42 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: WFPC2

Special Requirements: (none)

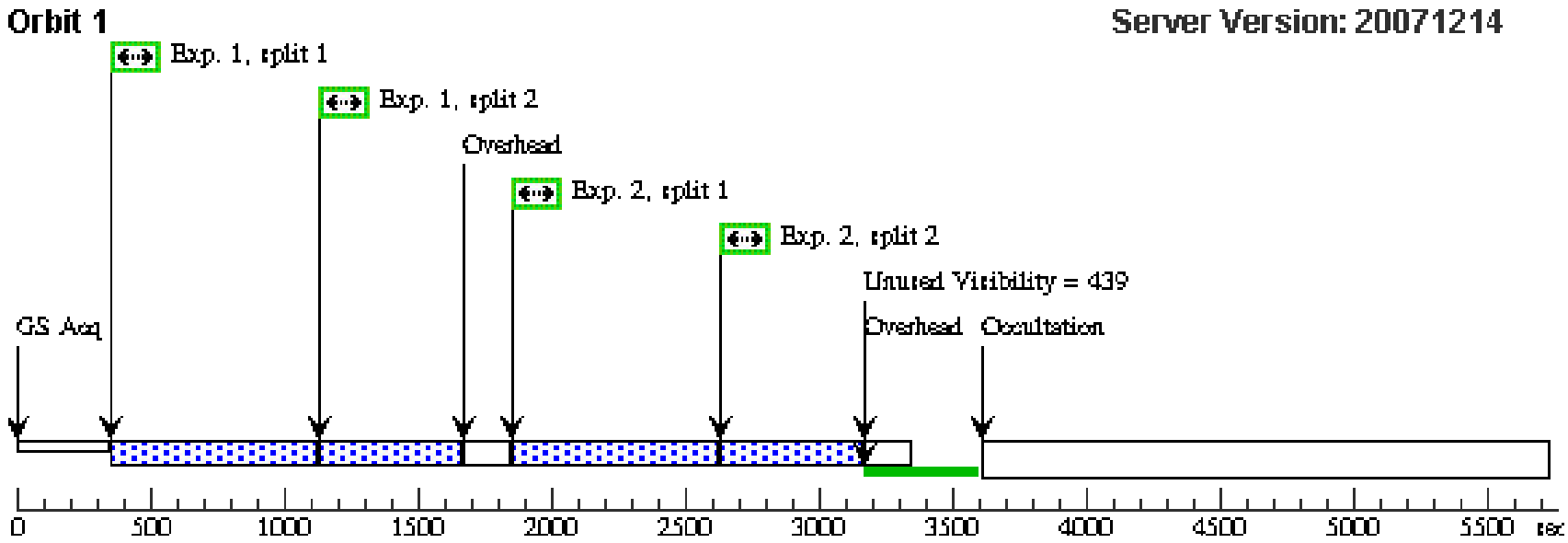
## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (70) | 2003-LMC-004 | RA: 04 52 57.5080 (73.2396167d)<br>Dec: -67 52 34.60 (-67.87628d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (70) 2003-LMC-004 | WFPC2, IMAGE, PC1 | F555W | CR-SPLIT=DEF | | | 1000.0 Secs<br>*[==>(Split 1)]*<br>*[==>(Split 2)]* | *[1]* |
| 2 | | (70) 2003-LMC-004 | WFPC2, IMAGE, PC1 | F814W | CR-SPLIT=DEF | | | 1000.0 Secs<br>*[==>(Split 1)]*<br>*[==>(Split 2)]* | *[1]* |

## Orbit Structure



## Visit

**Proposal 10583, Visit 51, scheduling** Thu Jan 17 19:31:42 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: WFPC2

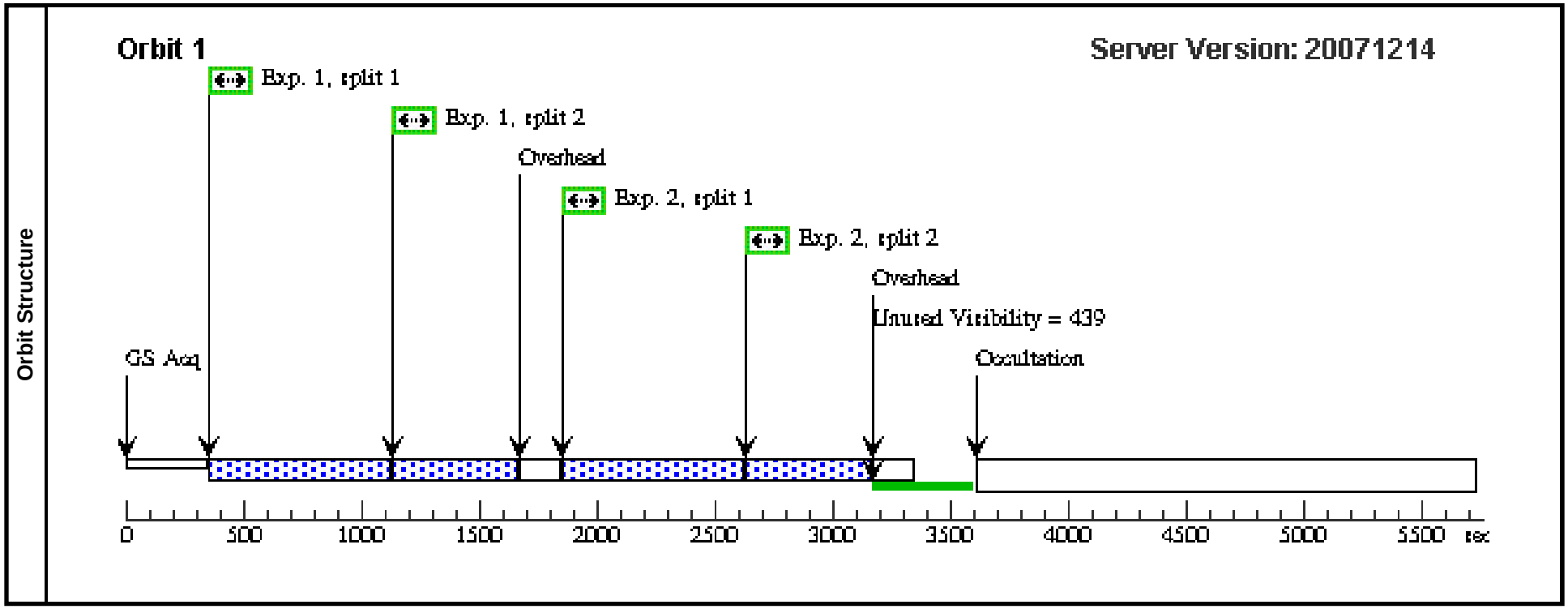
Special Requirements: (none)

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (71) | 2003-LMC-028 | RA: 04 53 36.3070 (73.4012792d)<br>Dec: -69 37 54.54 (-69.63182d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (71) 2003-LMC-028 | WFPC2, IMAGE, PC1 | F555W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |
| 2 | | (71) 2003-LMC-028 | WFPC2, IMAGE, PC1 | F814W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
Exp. 1, split 1
Exp. 1, split 2
Overhead
Exp. 2, split 1
Exp. 2, split 2
Overhead
Unused Visibility = 439
GS Acq
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 52, scheduling** Thu Jan 17 19:31:42 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: WFPC2

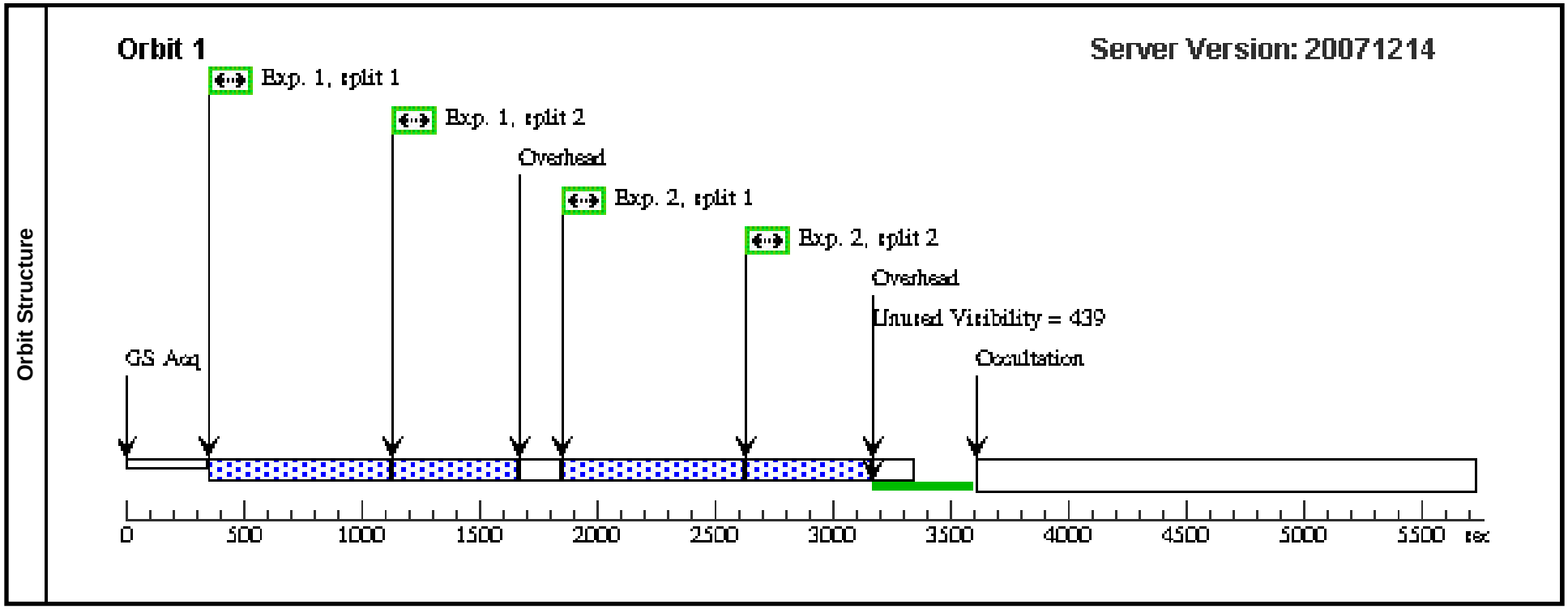
Special Requirements: (none)

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (72) | 2003-LMC-042 | RA: 04 49 48.9940 (72.4541417d)<br>Dec: -68 39 42.41 (-68.66178d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23 | Coordinate Source:<br>GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (72) 2003-LMC-042 | WFPC2, IMAGE, PC1 | F555W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |
| 2 | | (72) 2003-LMC-042 | WFPC2, IMAGE, PC1 | F814W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
Exp. 1, split 1
Exp. 1, split 2
Overhead
Exp. 2, split 1
Exp. 2, split 2
Overhead
Unused Visibility = 439
GS Acq
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 53, scheduling** Thu Jan 17 19:31:42 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: WFPC2

Special Requirements: (none)

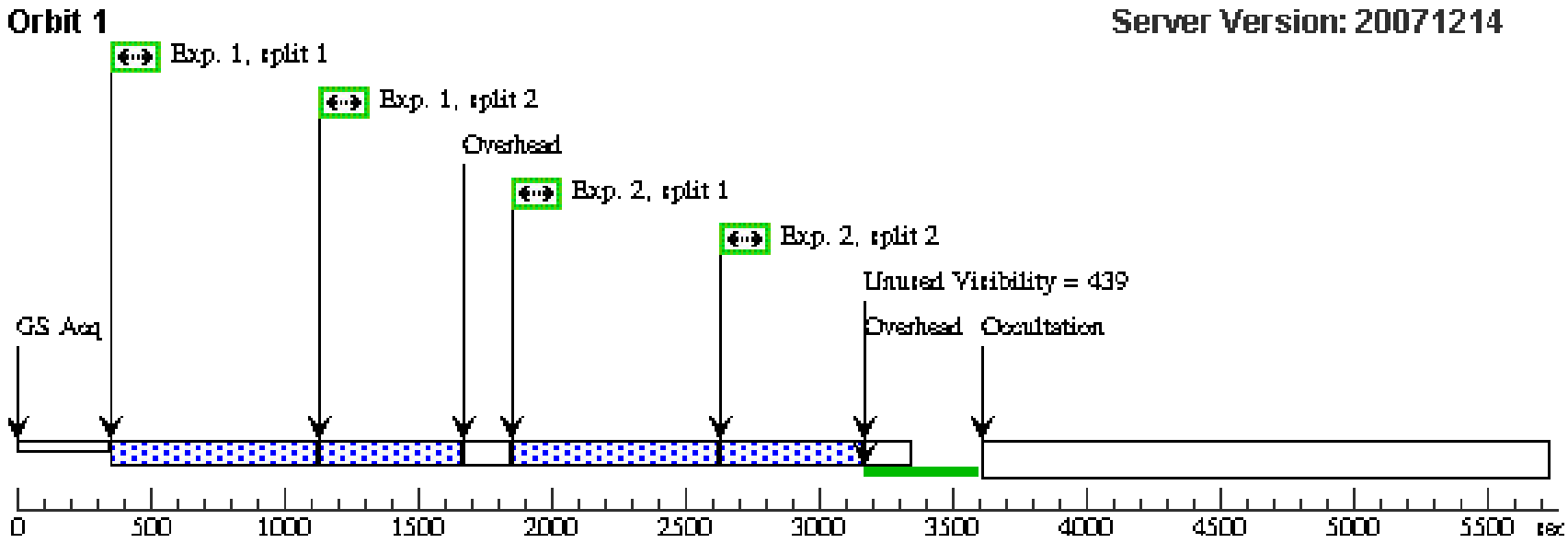
## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (73) | 2003-LMC-054 | RA: 05 06 15.9940 (76.5666417d)<br>Dec: -68 57 56.66 (-68.96574d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (73) 2003-LMC-054 | WFPC2, IMAGE, PC1 | F555W | CR-SPLIT=DEF | | | 1000.0 Secs<br>*[==>(Split 1)]*<br>*[==>(Split 2)]* | *[1]* |
| 2 | | (73) 2003-LMC-054 | WFPC2, IMAGE, PC1 | F814W | CR-SPLIT=DEF | | | 1000.0 Secs<br>*[==>(Split 1)]*<br>*[==>(Split 2)]* | *[1]* |

## Orbit Structure



## Visit

**Proposal 10583, Visit 54, scheduling** Thu Jan 17 19:31:42 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: WFPC2

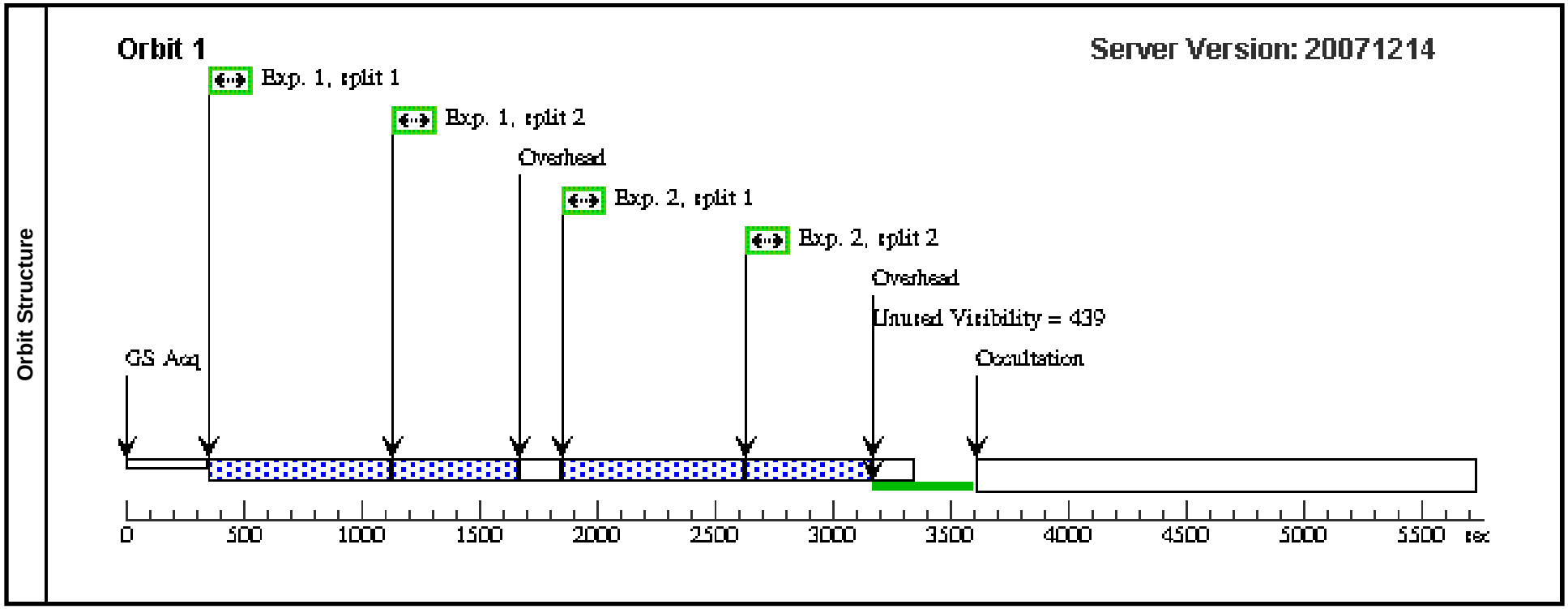
Special Requirements: (none)

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (74) | 2003-LMC-178 | RA: 05 15 18.2870 (78.8261958d)<br>Dec: -69 04 59.12 (-69.08309d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (74) 2003-LMC-178 | WFPC2, IMAGE, PC1 | F555W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |
| 2 | | (74) 2003-LMC-178 | WFPC2, IMAGE, PC1 | F814W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
Exp. 1, split 1
Exp. 1, split 2
Overhead
Exp. 2, split 1
Exp. 2, split 2
Overhead
Unused Visibility = 439
GS Acq
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 55, scheduling** Thu Jan 17 19:31:42 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: WFPC2

Special Requirements: (none)

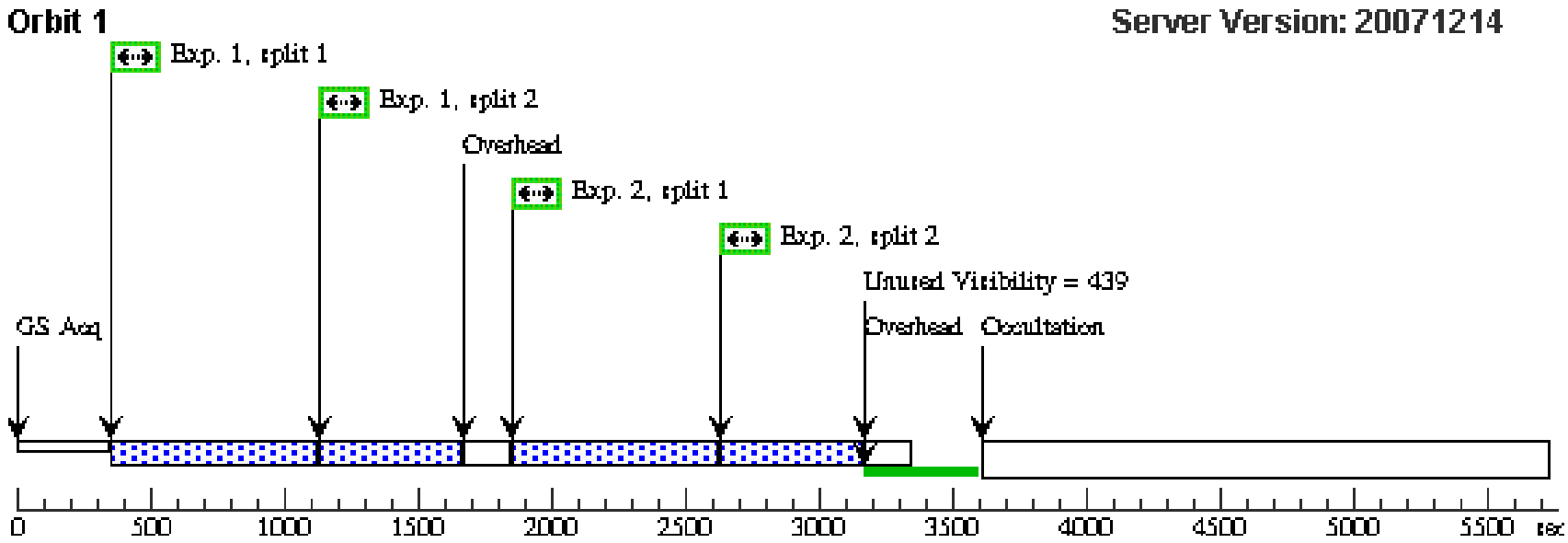
## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (75) | 2003-LMC-186 | RA: 05 41 44.9520 (85.4373000d)<br>Dec: -68 16 44.91 (-68.27914d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (75) 2003-LMC-186 | WFPC2, IMAGE, PC1 | F555W | CR-SPLIT=DEF | | | 1000.0 Secs<br>*[==>(Split 1)]*<br>*[==>(Split 2)]* | *[1]* |
| 2 | | (75) 2003-LMC-186 | WFPC2, IMAGE, PC1 | F814W | CR-SPLIT=DEF | | | 1000.0 Secs<br>*[==>(Split 1)]*<br>*[==>(Split 2)]* | *[1]* |

## Orbit Structure



## Visit

**Proposal 10583, Visit 56, scheduling** Thu Jan 17 19:31:43 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: WFPC2

Special Requirements: (none)

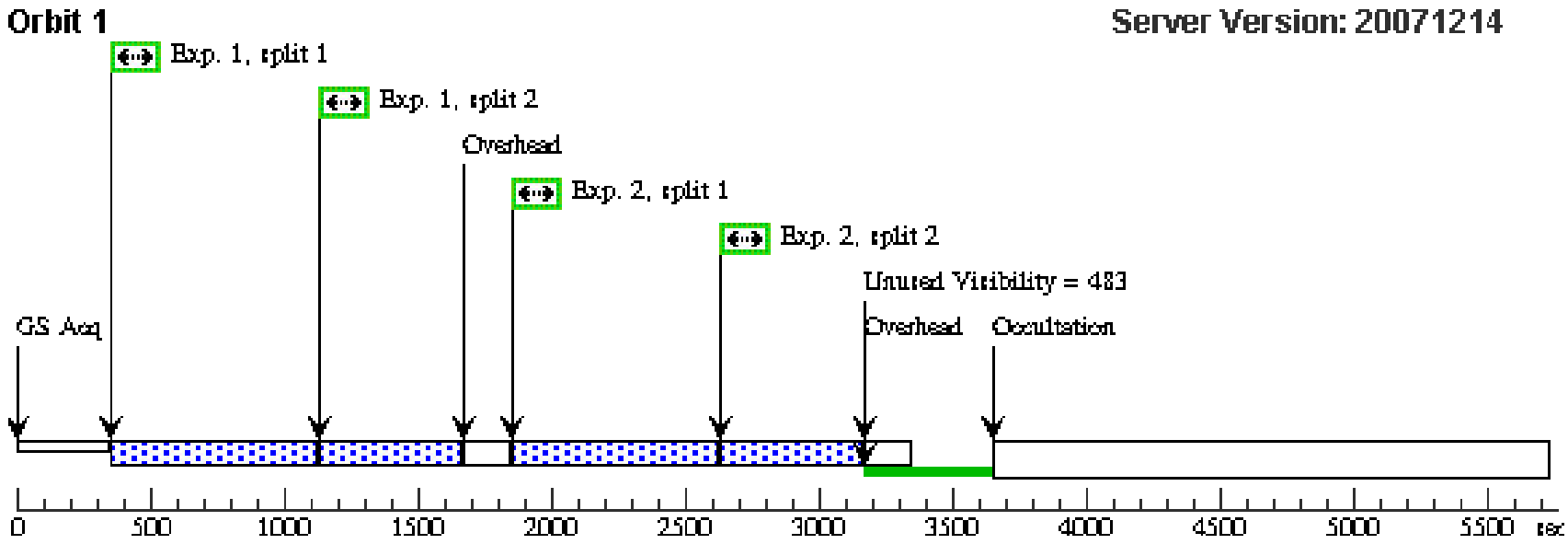
## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (76) | 2003-LMC-245 | RA: 05 12 59.4370 (78.2476542d)<br>Dec: -71 31 13.49 (-71.52041d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (76) 2003-LMC-245 | WFPC2, IMAGE, PC1 | F555W | CR-SPLIT=DEF | | | 1000.0 Secs<br>*[==>(Split 1)]*<br>*[==>(Split 2)]* | *[1]* |
| 2 | | (76) 2003-LMC-245 | WFPC2, IMAGE, PC1 | F814W | CR-SPLIT=DEF | | | 1000.0 Secs<br>*[==>(Split 1)]*<br>*[==>(Split 2)]* | *[1]* |

## Orbit Structure



## Visit

**Proposal 10583, Visit 57, scheduling** Thu Jan 17 19:31:43 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: WFPC2

Special Requirements: (none)

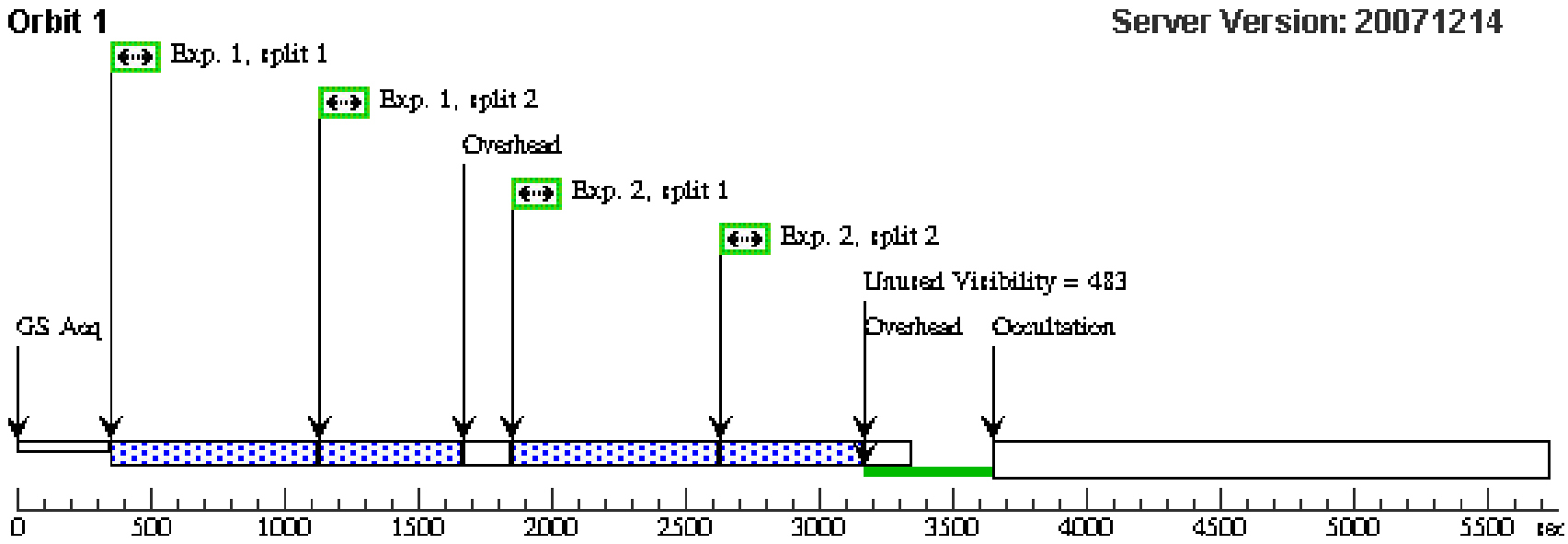
## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (77) | 2003-LMC-247 | RA: 05 58 33.7400 (89.6405833d)<br>Dec: -70 15 28.06 (-70.25779d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (77) 2003-LMC-247 | WFPC2, IMAGE, PC1 | F555W | CR-SPLIT=DEF | | | 1000.0 Secs<br>*[==>(Split 1)]*<br>*[==>(Split 2)]* | *[1]* |
| 2 | | (77) 2003-LMC-247 | WFPC2, IMAGE, PC1 | F814W | CR-SPLIT=DEF | | | 1000.0 Secs<br>*[==>(Split 1)]*<br>*[==>(Split 2)]* | *[1]* |

## Orbit Structure



## Visit

**Proposal 10583, Visit 58, scheduling** Thu Jan 17 19:31:43 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: WFPC2

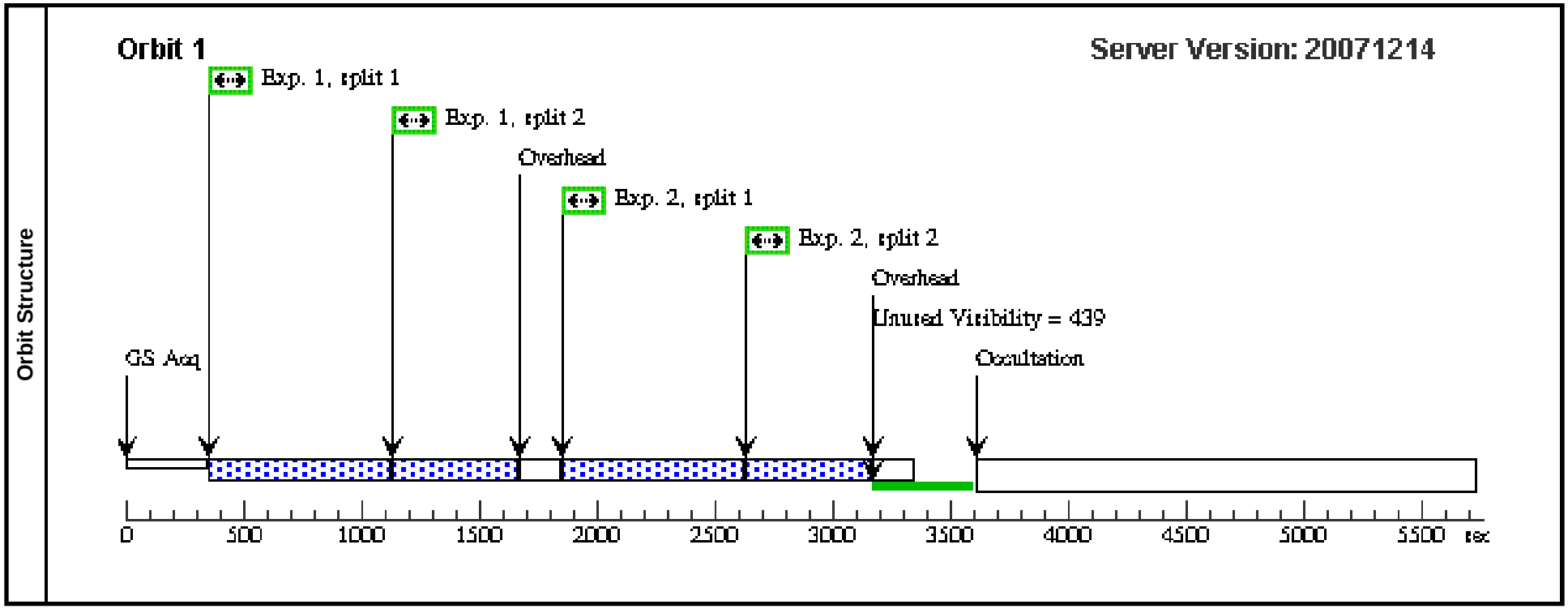
Special Requirements: (none)

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (78) | 2004-LMC-1106 | RA: 05 24 19.1650 (81.0798542d)<br>Dec: -69 38 48.91 (-69.64692d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (78) 2004-LMC-1106 | WFPC2, IMAGE, PC1 | F555W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |
| 2 | | (78) 2004-LMC-1106 | WFPC2, IMAGE, PC1 | F675W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
Exp. 1, split 1
Exp. 1, split 2
Overhead
Exp. 2, split 1
Exp. 2, split 2
Overhead
Unused Visibility = 439
GS Acq
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 59, scheduling** Thu Jan 17 19:31:43 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: WFPC2

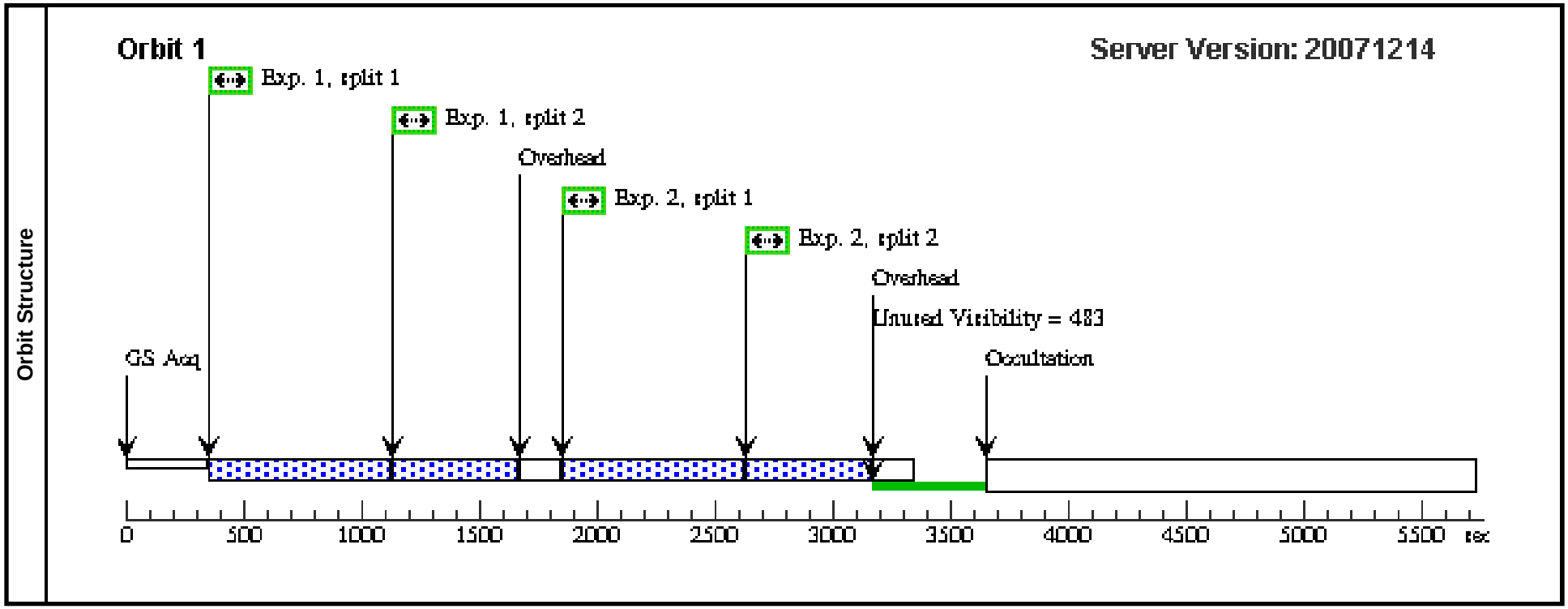
Special Requirements: (none)

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (79) | 2005-LMC-028 | RA: 05 47 44.2940 (86.9345583d)<br>Dec: -71 32 2.71 (-71.53409d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23 | Coordinate Source: GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (79) 2005-LMC-028 | WFPC2, IMAGE, PC1 | F555W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |
| 2 | | (79) 2005-LMC-028 | WFPC2, IMAGE, PC1 | F814W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
Exp. 1, split 1
Exp. 1, split 2
Overhead
Exp. 2, split 1
Exp. 2, split 2
Overhead
Unused Visibility = 483
GS Acq
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

## Visit

**Proposal 10583, Visit 60, scheduling** Thu Jan 17 19:31:43 GMT 2008

**Diagnostic Status: No Diagnostics**

Scientific Instruments: WFPC2

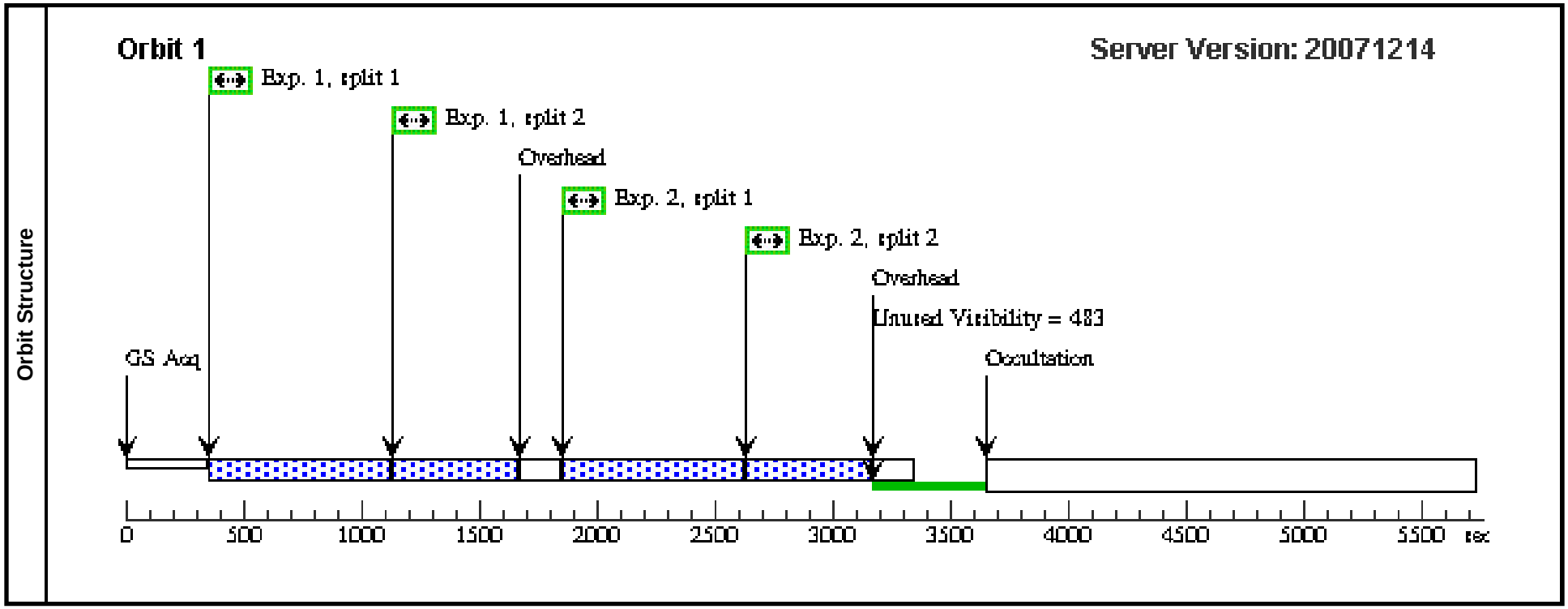
Special Requirements: (none)

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
|---|---|---|---|---|---|
| (62) | 2002-LMC-024 | RA: 05 10 25.2570 (77.6052375d)<br>Dec: -70 09 30.71 (-70.15853d)<br>Equinox: J2000<br>Plate Id: (?) | | V=23 | Coordinate Source:<br>GUIDE_STAR_CATALOG |

## Exposures

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | (62) 2002-LMC-024 | WFPC2, IMAGE, PC1 | F555W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |
| 2 | | (62) 2002-LMC-024 | WFPC2, IMAGE, PC1 | F814W | CR-SPLIT=DEF | | | 1000.0 Secs | |
| | | | | | | | | *[==>(Split 1)]*<br>*[==>(Split 2)]* | ***[1]*** |


Orbit Structure
Orbit 1
Server Version: 20071214
Exp. 1, split 1
Exp. 1, split 2
Overhead
Exp. 2, split 1
Exp. 2, split 2
Overhead
Unused Visibility = 483
GS Acq
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec