



12915 - PROPER MOTIONS OF ISOLATED MASSIVE STARS NEAR THE GALACTIC CENTER

Cycle: 20, Proposal Category: GO
(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Dr. Daniel J. Lennon (PI) (ESA Member) (Contact)	Space Telescope Science Institute - ESA	lennon@stsci.edu
Dr. Selma E. de Mink (CoI)	Space Telescope Science Institute	demink@stsci.edu
Dr. Roeland P. van der Marel (CoI) (AdminUSPI)	Space Telescope Science Institute	marel@stsci.edu
Dr. Jay Anderson (CoI)	Space Telescope Science Institute	jayander@stsci.edu
Dr. Christopher J. Evans (CoI) (ESA Member)	Royal Observatory Edinburgh	chris.evans@stfc.ac.uk
Prof. Paul A. Crowther (CoI) (ESA Member)	University of Sheffield	paul.crowther@sheffield.ac.uk
Dr. Sangmo Tony Sohn (CoI)	Space Telescope Science Institute	tsohn@stsci.edu
Dr. Luigi R. Bedin (CoI) (ESA Member)	Osservatorio Astronomico di Padova	luigi.bedin@oapd.inaf.it
Dr. Imants Platais (CoI)	The Johns Hopkins University	imants@pha.jhu.edu
Dr. Andrea J. Bellini (CoI)	Space Telescope Science Institute	bellini@stsci.edu
Dr. Elena Sabbi (CoI) (ESA Member)	Space Telescope Science Institute - ESA	sabbi@stsci.edu

VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
0L	(1) GAL-CEN-FIELD1	ACS/WFC WFC3/IR	1	09-Jul-2012 22:37:59.0	yes
2F	(1) GAL-CEN-FIELD1	ACS/WFC WFC3/IR	1	09-Jul-2012 22:38:13.0	yes

Proposal 12915 (STScI Edit Number: 0, Created: Monday, July 9, 2012 9:41:24 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
2G	(1) GAL-CEN-FIELD1	ACS/WFC WFC3/IR	1	09-Jul-2012 22:38:26.0	yes
2H	(1) GAL-CEN-FIELD1	ACS/WFC WFC3/IR	1	09-Jul-2012 22:38:37.0	yes
2I	(1) GAL-CEN-FIELD1	ACS/WFC WFC3/IR	1	09-Jul-2012 22:38:48.0	yes
2J	(1) GAL-CEN-FIELD1	ACS/WFC WFC3/IR	1	09-Jul-2012 22:38:59.0	yes
0R	(2) GAL-CEN-FIELD2	ACS/WFC WFC3/IR	1	09-Jul-2012 22:39:10.0	yes
2K	(2) GAL-CEN-FIELD2	ACS/WFC WFC3/IR	1	09-Jul-2012 22:39:22.0	yes
2L	(2) GAL-CEN-FIELD2	ACS/WFC WFC3/IR	1	09-Jul-2012 22:39:39.0	yes
2M	(2) GAL-CEN-FIELD2	ACS/WFC WFC3/IR	1	09-Jul-2012 22:39:50.0	yes
2N	(2) GAL-CEN-FIELD2	ACS/WFC WFC3/IR	1	09-Jul-2012 22:40:01.0	yes
0W	(4) GAL-CEN-FIELD3	ACS/WFC WFC3/IR	1	09-Jul-2012 22:40:11.0	yes
2O	(4) GAL-CEN-FIELD3	ACS/WFC WFC3/IR	1	09-Jul-2012 22:40:22.0	yes
2P	(4) GAL-CEN-FIELD3	ACS/WFC WFC3/IR	1	09-Jul-2012 22:40:33.0	yes
2Q	(4) GAL-CEN-FIELD3	ACS/WFC WFC3/IR	1	09-Jul-2012 22:40:43.0	yes
2R	(4) GAL-CEN-FIELD3	ACS/WFC WFC3/IR	1	09-Jul-2012 22:40:54.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
1B	(3) GAL-CEN-FIELD4	ACS/WFC WFC3/IR	1	09-Jul-2012 22:41:04.0	yes
2S	(3) GAL-CEN-FIELD4	ACS/WFC WFC3/IR	1	09-Jul-2012 22:41:15.0	yes

18 Total Orbits Used

ABSTRACT

The Galactic Center is one of the most perplexing and unusual regions of the Galaxy. Not only is it home to the central massive black hole but it contains three very massive young star clusters within the central 30 pc; the Arches, Quintuplet and Central clusters. Furthermore, emission-line surveys have revealed the presence of what appears to be a diaspora of ~40 very massive isolated Wolf-Rayet-like stars scattered throughout the region, outside of these massive clusters. Their origin is currently unknown but the suspected causes include such diverse and exotic mechanisms as ejection by dynamical interaction within the massive clusters, ejection by supernovae events within those clusters old enough to have SN, ejection by interaction with the central black hole, stellar mergers in the field, and in situ star formation of isolated massive stars. These processes however should all leave clear and distinct dynamical signatures on their products.

We propose using WFC3/IR to conduct a survey of ~150 square arcminutes the Galactic Center region to measure relative proper motions to an accuracy of 10 km/s for stars with masses as low as a few solar masses (late B-type). Our objectives include determining which of the known isolated massive stars are runaways, estimating their probable places of origin, discovering less luminous runaways that are invisible to emission line surveys, characterizing the dynamical properties of runaway stars in all luminosity ranges, and searching for signs of tidally disrupted massive clusters. The survey will have lasting legacy value to those trying to unravel the physics of galactic centers and the environments around massive black holes.

OBSERVING DESCRIPTION

This is the first of two 18-orbit epochs of a proper motion survey around the Galactic Center (GC). The second 18-orbit epoch will follow in Cycle 22. In each epoch we will observe 36 adjacent fields with WFC3/IR with the F139M filter (changed from F125W) as the primary

instrument. We will also use ACS/WFC with the F850LP filter (the longest band-pass filter on ACS) in coordinated parallel mode to obtain images for a smaller set of 18 fields, adjacent to the WFC3 survey area. The primary WFC3 survey area will cover some 150 square arcminutes surrounding the Arches, Quintuplet and Central clusters. This area was previously the subject of a narrow-band (Paschen alpha) HST/NICMOS survey by another team (GO-11120). That survey was used to find massive star candidates subsequently confirmed as massive emission line stars through spectroscopy. Our survey will encompass all but a handful of the known isolated massive stars. It excludes the immediate environs of the three massive clusters, including the GC, since they are already the subject of other ongoing campaigns with HST.

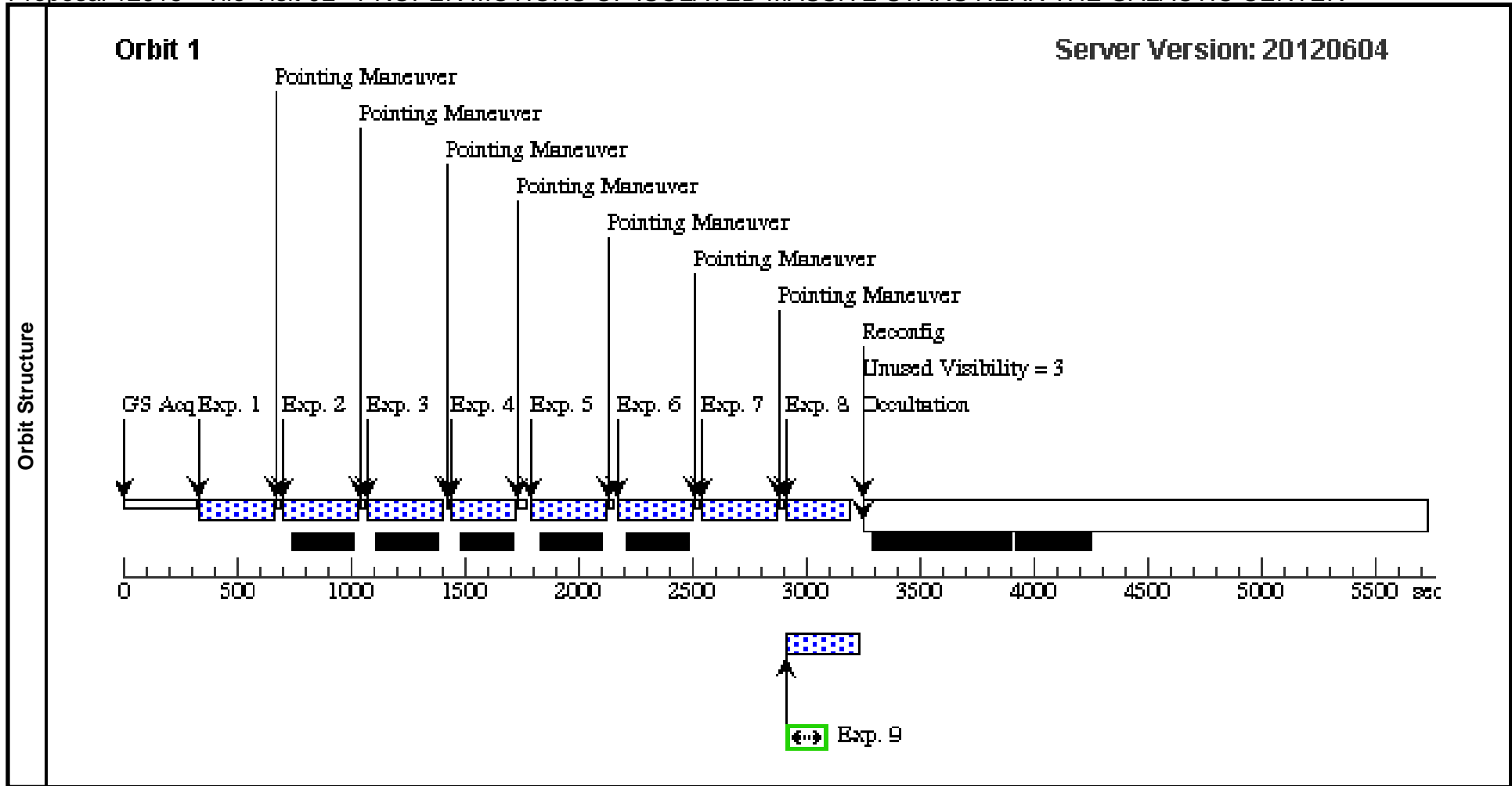
ADDITIONAL COMMENTS

We request observations before Dec 2012 during Cycle 20 in order to maximize the time baseline between Cycle 20 and 22 observations, for Cycle 22 we will request the second half of that cycle. We realize that scheduling may be an issue for Cycle 20 and if that is the case we are prepared to look at alternative constraints.

Proposal 12915 - Tile Visit 0L - PROPER MOTIONS OF ISOLATED MASSIVE STARS NEAR THE GALACTIC CENTER

Tue Jul 10 02:41:25 GMT 2012

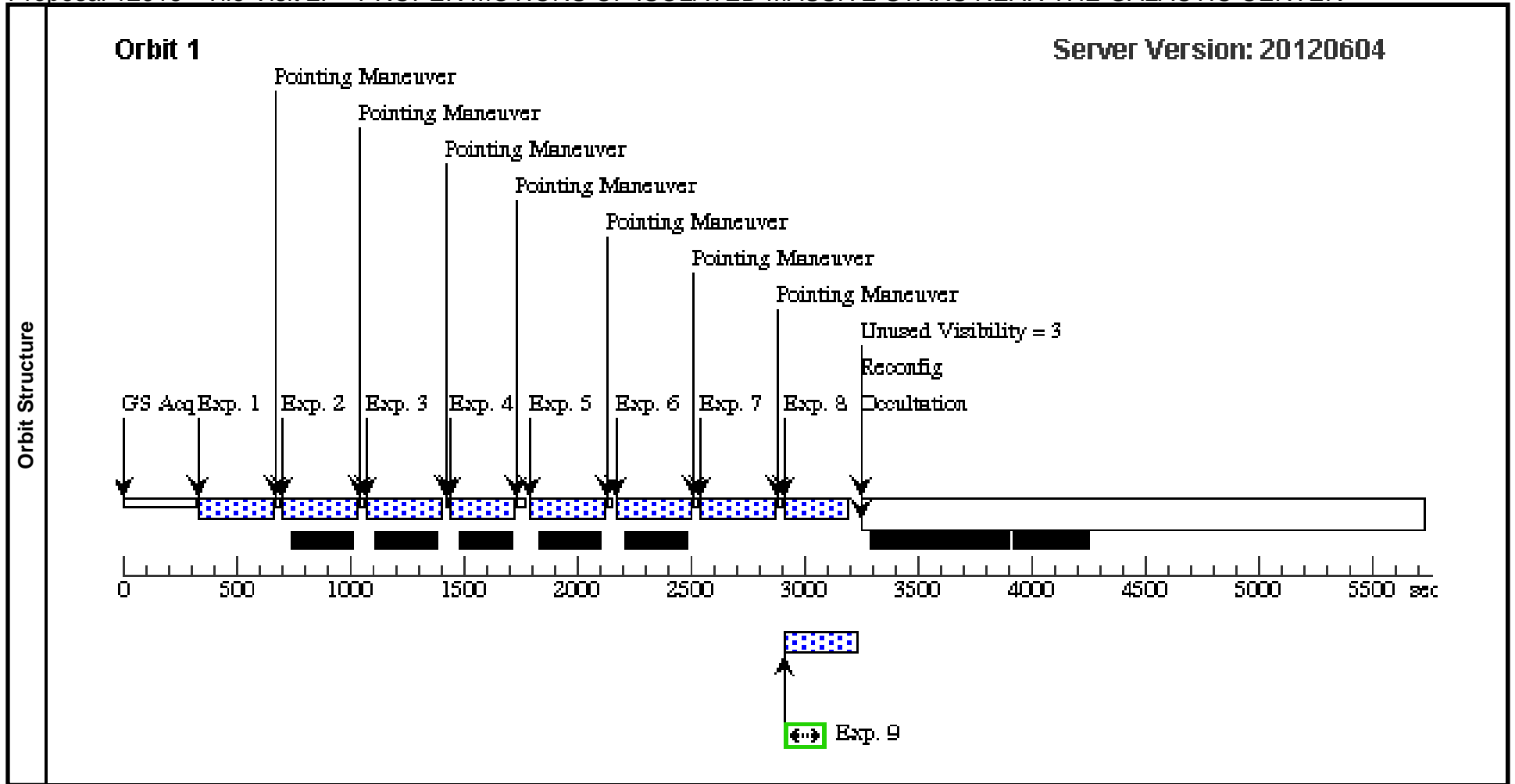
Visit	Proposal 12915, Tile Visit 0L									
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/IR, ACS/WFC										
Special Requirements: ORIENT 80D TO 100 D; ORIENT 260D TO 280 D; BEFORE 01-DEC-2012:00:00:00										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	GAL-CEN-FIELD1	RA: 17 45 30.0000 (266.3750000d) Dec: -28 55 39.58 (-28.92766d) Equinox: J2000		V=(?) J=14-20	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -312.83 212499999996,50.0		[==>]	[1]
	2		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -302.83 212499999996,55.0		[==>]	[1]
	3		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -292.83 212499999996,45.0		[==>]	[1]
	4		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG -297.83 212499999996,40.0		[==>]	[1]
	5		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -312.83 212499999996,-50.0		[==>]	[1]
	6		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -302.83 212499999996,-45.0		[==>]	[1]
	7		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -292.83 212499999996,-55.0		[==>]	[1]
	8		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG -302.83 212499999996,-60.0	Prime + Parallel Group 8-9 in Tile Visit 0L	[==>]	[1]
	9		(1) GAL-CEN-FIELD1	ACS/WFC, ACCUM, WFC	F850LP			Prime + Parallel Group 8-9 in Tile Visit 0L	110 Secs [==>]	[1]



Proposal 12915 - Tile Visit 2F - PROPER MOTIONS OF ISOLATED MASSIVE STARS NEAR THE GALACTIC CENTER

Tue Jul 10 02:41:27 GMT 2012

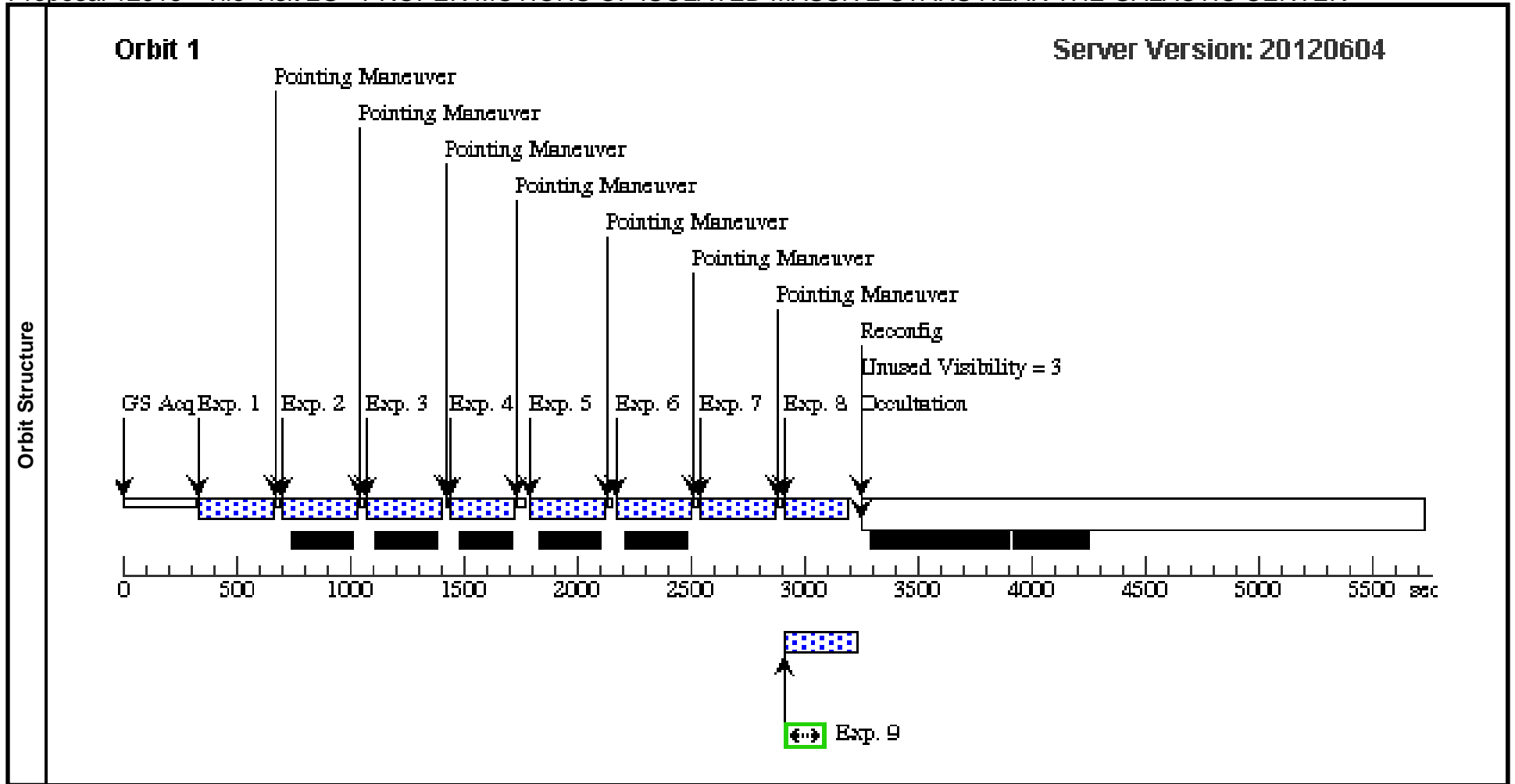
Visit	Proposal 12915, Tile Visit 2F Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 0L; BEFORE 01-DEC-2012:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	GAL-CEN-FIELD1	RA: 17 45 30.0000 (266.3750000d) Dec: -28 55 39.58 (-28.92766d) Equinox: J2000		V=(?) J=14-20	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -187.69 927499999997,50.0		[==>]	[1]
	2		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -177.69 927499999997,55.0		[==>]	[1]
	3		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -167.69 927499999997,45.0		[==>]	[1]
	4		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG -172.69 927499999997,40.0		[==>]	[1]
	5		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -187.69 927499999997,-50.0		[==>]	[1]
	6		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -177.69 927499999997,-45.0		[==>]	[1]
	7		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -167.69 927499999997,-55.0		[==>]	[1]
	8		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG -177.69 927499999997,-60.0	Prime + Parallel Group 8-9 in Tile Visit 2F	[==>]	[1]
	9		(1) GAL-CEN-FIELD1	ACS/WFC, ACCUM, WFC	F850LP			Prime + Parallel Group 8-9 in Tile Visit 2F	110 Secs [==>]	[1]



Proposal 12915 - Tile Visit 2G - PROPER MOTIONS OF ISOLATED MASSIVE STARS NEAR THE GALACTIC CENTER

Tue Jul 10 02:41:28 GMT 2012

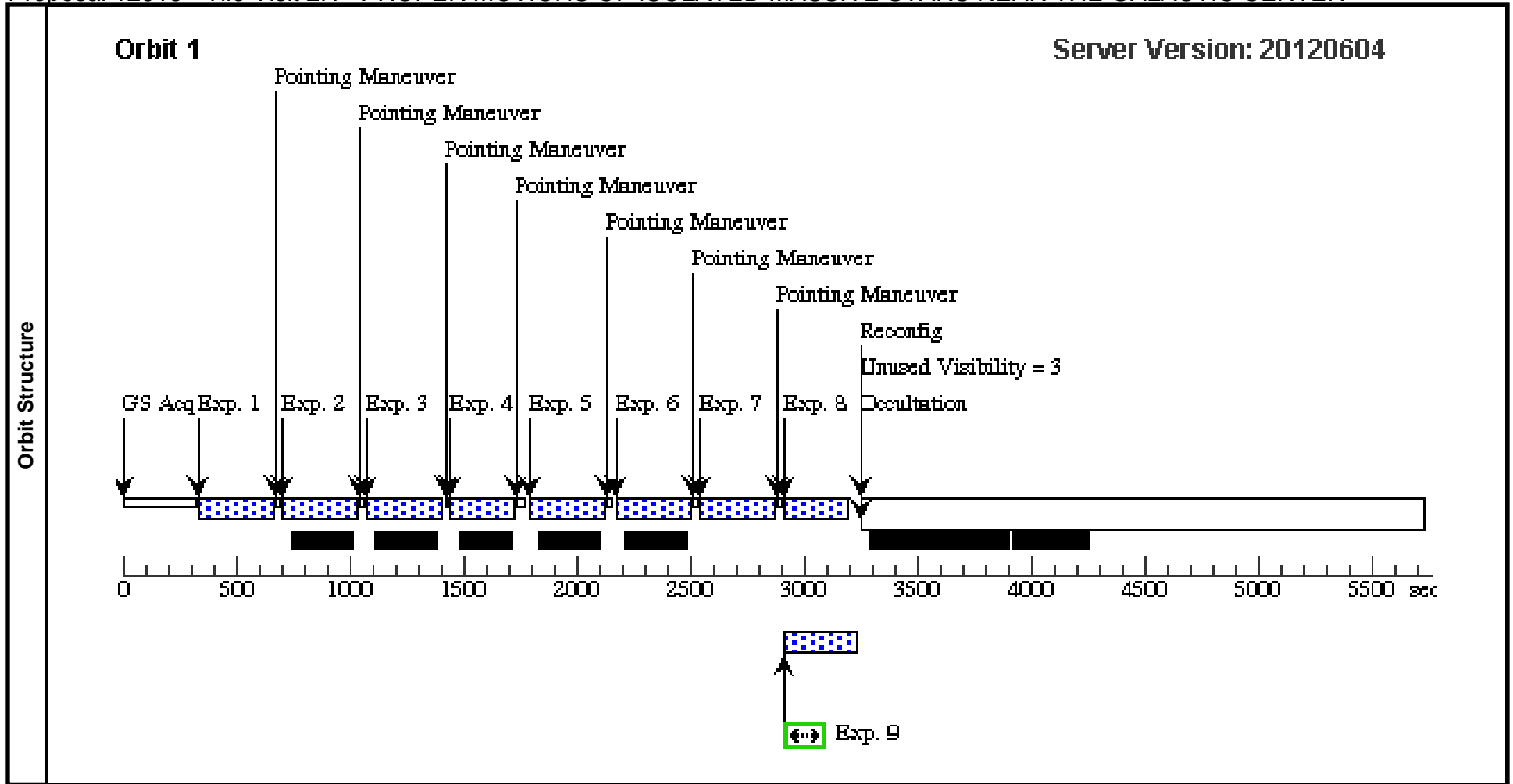
Visit	Proposal 12915, Tile Visit 2G Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 0L; BEFORE 01-DEC-2012:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	GAL-CEN-FIELD1	RA: 17 45 30.0000 (266.3750000d) Dec: -28 55 39.58 (-28.92766d) Equinox: J2000		V=(?) J=14-20	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -62.566 42499999998,50.0		[==>]	[1]
	2		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -52.566 42499999998,55.0		[==>]	[1]
	3		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -42.566 42499999998,45.0		[==>]	[1]
	4		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG -47.566 42499999998,40.0		[==>]	[1]
	5		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -62.566 42499999998,-50.0		[==>]	[1]
	6		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -52.566 42499999998,-45.0		[==>]	[1]
	7		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -42.566 42499999998,-55.0		[==>]	[1]
	8		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG -52.566 42499999998,-60.0	Prime + Parallel Group 8-9 in Tile Visit 2G	[==>]	[1]
	9		(1) GAL-CEN-FIELD1	ACS/WFC, ACCUM, WFC	F850LP			Prime + Parallel Group 8-9 in Tile Visit 2G	110 Secs [==>]	[1]



Proposal 12915 - Tile Visit 2H - PROPER MOTIONS OF ISOLATED MASSIVE STARS NEAR THE GALACTIC CENTER

Tue Jul 10 02:41:29 GMT 2012

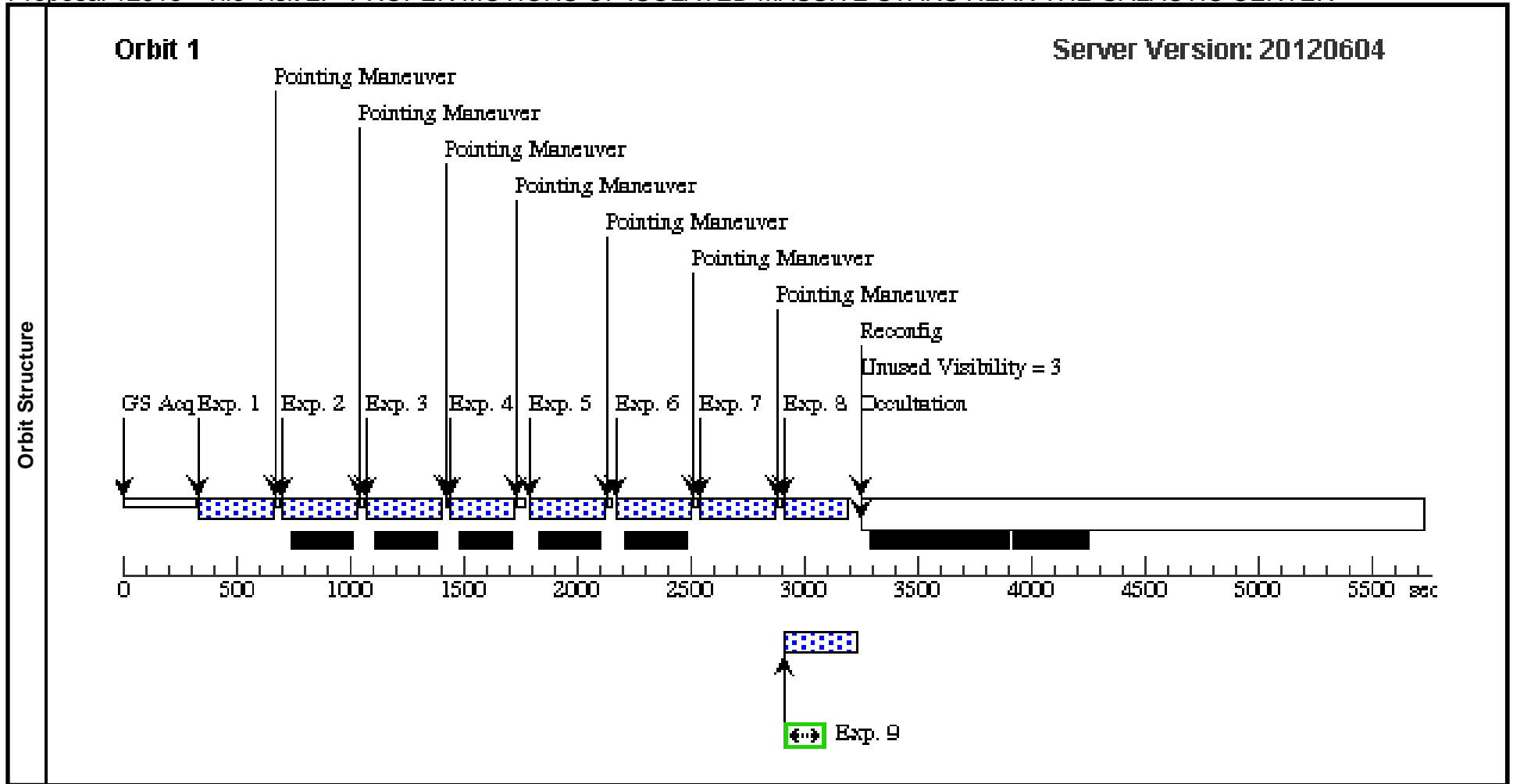
Visit	Proposal 12915, Tile Visit 2H									
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/IR, ACS/WFC										
Special Requirements: SAME ORIENT AS 0L; BEFORE 01-DEC-2012:00:00:00										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	GAL-CEN-FIELD1	RA: 17 45 30.0000 (266.3750000d) Dec: -28 55 39.58 (-28.92766d) Equinox: J2000		V=(?) J=14-20	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 62.5664 2500000001,50.0		[==>]	[1]
	2		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 72.5664 2500000001,55.0		[==>]	[1]
	3		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 82.5664 2500000001,45.0		[==>]	[1]
	4		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG 77.5664 2500000001,40.0		[==>]	[1]
	5		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 62.5664 2500000001,-50.0		[==>]	[1]
	6		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 72.5664 2500000001,-45.0		[==>]	[1]
	7		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 82.5664 2500000001,-55.0		[==>]	[1]
	8		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG 72.5664 2500000001,-60.0	Prime + Parallel Group 8-9 in Tile Visit 2H	[==>]	[1]
	9		(1) GAL-CEN-FIELD1	ACS/WFC, ACCUM, WFC	F850LP			Prime + Parallel Group 8-9 in Tile Visit 2H	110 Secs [==>]	[1]



Proposal 12915 - Tile Visit 2I - PROPER MOTIONS OF ISOLATED MASSIVE STARS NEAR THE GALACTIC CENTER

Tue Jul 10 02:41:31 GMT 2012

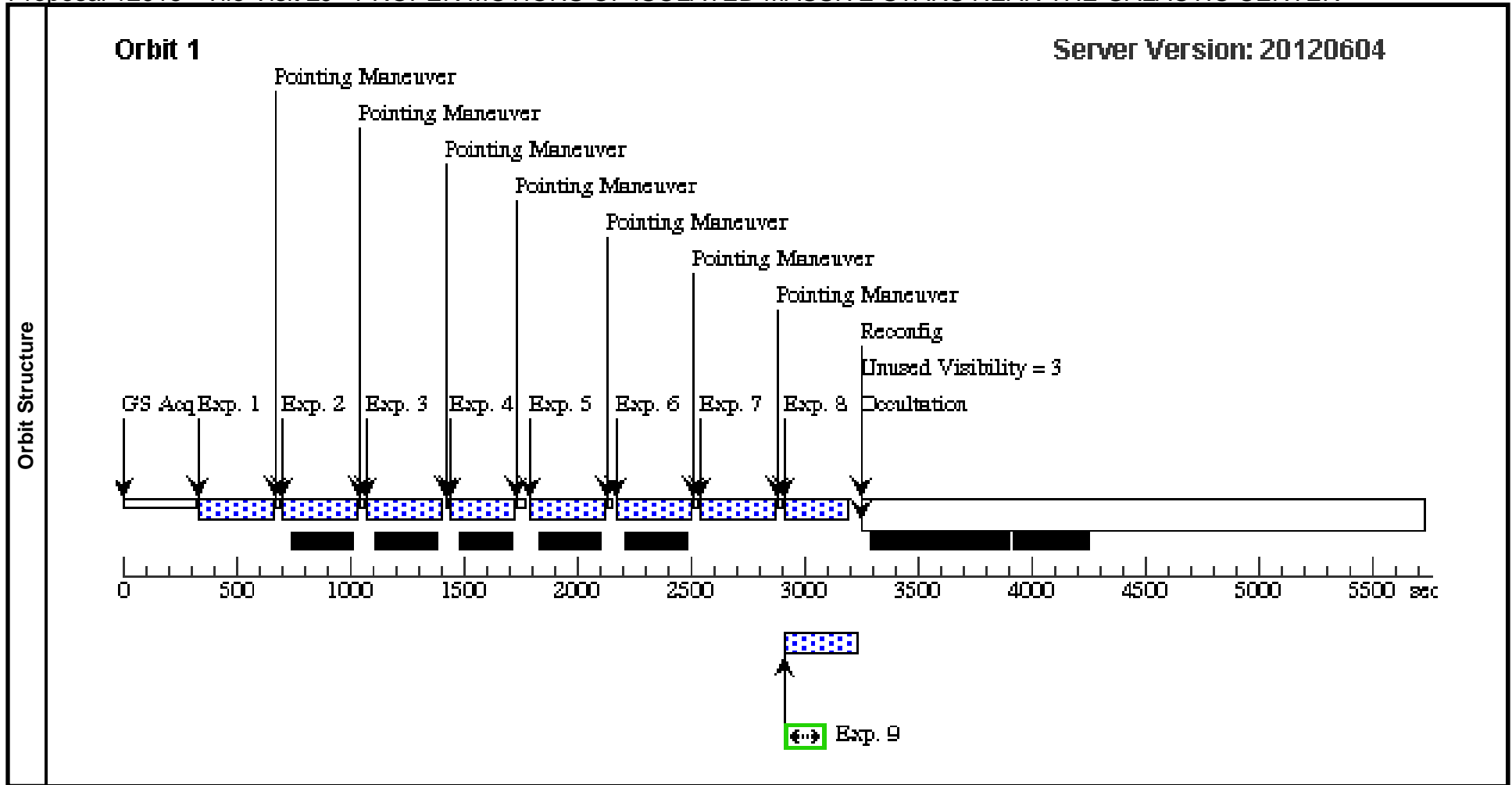
Visit	Proposal 12915, Tile Visit 2I									
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/IR, ACS/WFC										
Special Requirements: SAME ORIENT AS 0L; BEFORE 01-DEC-2012:00:00:00										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(1)	GAL-CEN-FIELD1	RA: 17 45 30.0000 (266.3750000d) Dec: -28 55 39.58 (-28.92766d) Equinox: J2000		V=(?) J=14-20	Reference Frame: ICRS			
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 187.699 275,50.0		[==>]	[1]
	2		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 197.699 275,55.0		[==>]	[1]
	3		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 207.699 275,45.0		[==>]	[1]
	4		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG 202.699 275,40.0		[==>]	[1]
	5		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 187.699 275,-50.0		[==>]	[1]
	6		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 197.699 275,-45.0		[==>]	[1]
	7		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 207.699 275,-55.0		[==>]	[1]
	8		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG 197.699 275,-60.0	Prime + Parallel Group 8-9 in Tile Visit 2I	[==>]	[1]
	9		(1) GAL-CEN-FIELD1	ACS/WFC, ACCUM, WFC	F850LP			Prime + Parallel Group 8-9 in Tile Visit 2I	110 Secs [==>]	[1]



Proposal 12915 - Tile Visit 2J - PROPER MOTIONS OF ISOLATED MASSIVE STARS NEAR THE GALACTIC CENTER

Tue Jul 10 02:41:32 GMT 2012

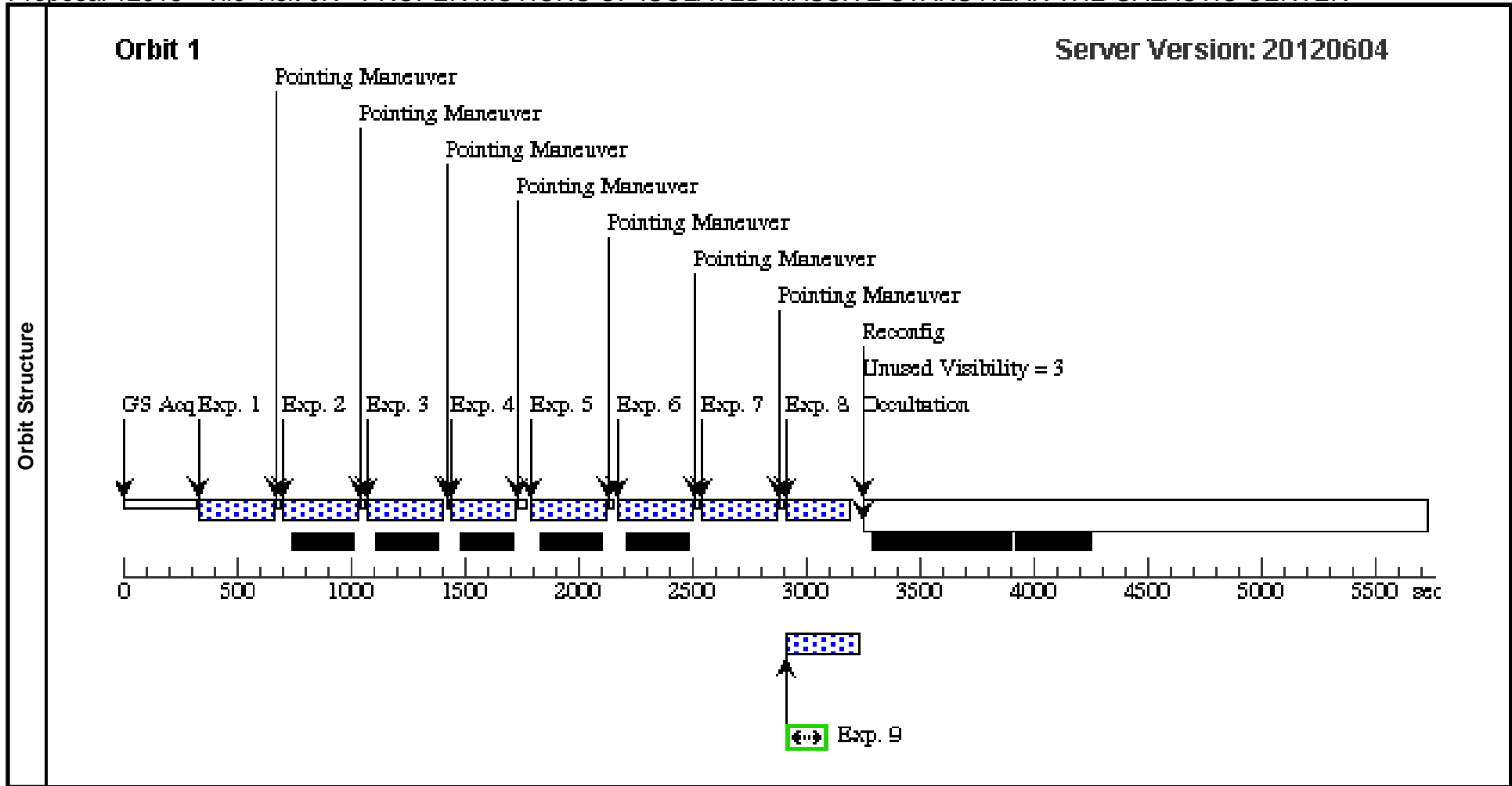
Visit	Proposal 12915, Tile Visit 2J Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 0L; BEFORE 01-DEC-2012:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	GAL-CEN-FIELD1	RA: 17 45 30.0000 (266.3750000d) Dec: -28 55 39.58 (-28.92766d) Equinox: J2000		V=(?) J=14-20	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 312.832 125,50.0		[==>]	[1]
	2		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 322.832 125,55.0		[==>]	[1]
	3		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 332.832 125,45.0		[==>]	[1]
	4		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG 327.832 125,40.0		[==>]	[1]
	5		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 312.832 125,-50.0		[==>]	[1]
	6		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 322.832 125,-45.0		[==>]	[1]
	7		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 332.832 125,-55.0		[==>]	[1]
	8		(1) GAL-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG 322.832 125,-60.0	Prime + Parallel Group 8-9 in Tile Visit 2J	[==>]	[1]
	9		(1) GAL-CEN-FIELD1	ACS/WFC, ACCUM, WFC	F850LP			Prime + Parallel Group 8-9 in Tile Visit 2J	110 Secs [==>]	[1]



Proposal 12915 - Tile Visit 0R - PROPER MOTIONS OF ISOLATED MASSIVE STARS NEAR THE GALACTIC CENTER

Tue Jul 10 02:41:33 GMT 2012

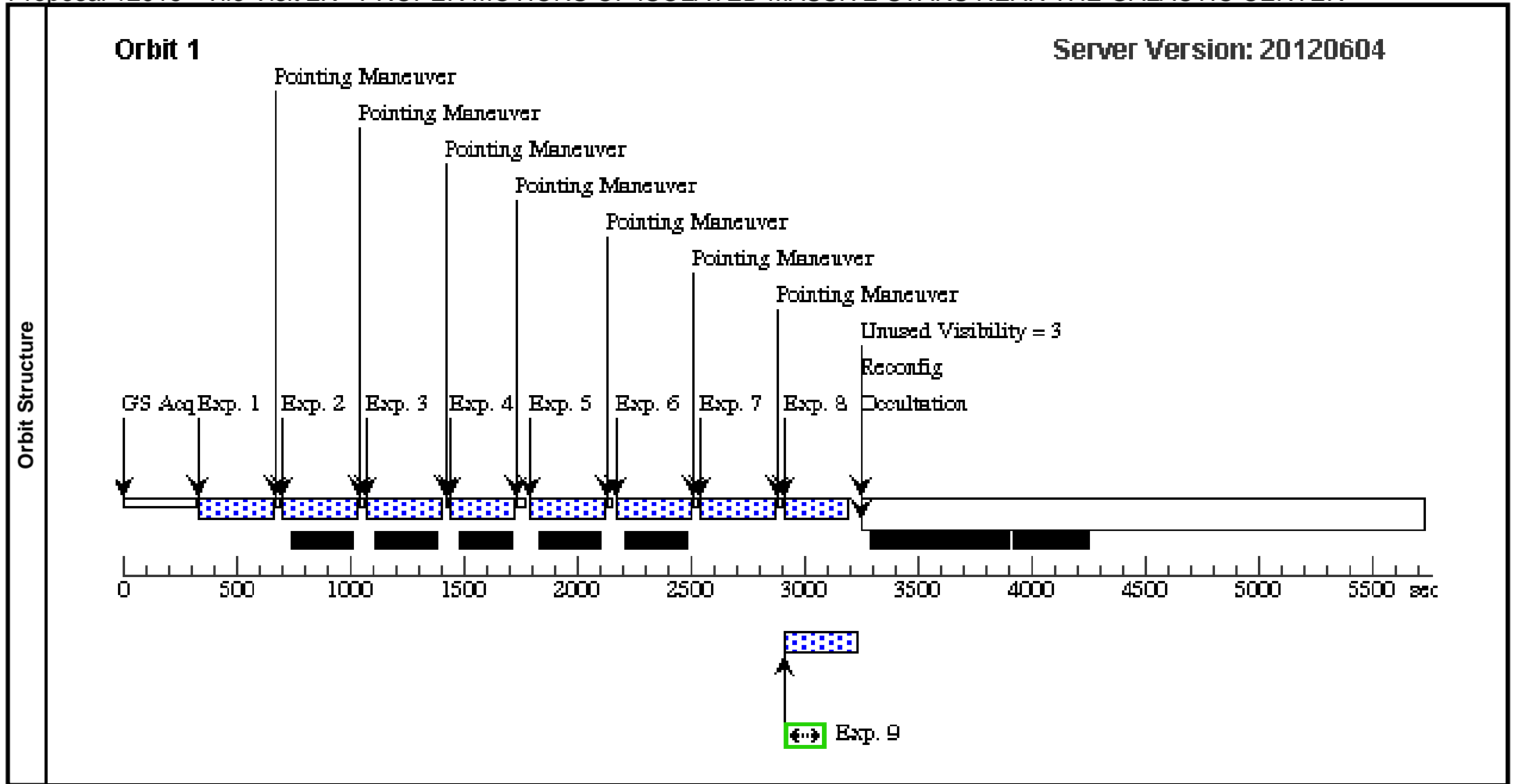
Visit	Proposal 12915, Tile Visit 0R									
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/IR, ACS/WFC										
Special Requirements: ORIENT 80D TO 100 D; ORIENT 260D TO 280 D; BEFORE 01-DEC-2012:00:00:00										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	GAL-CEN-FIELD2	RA: 17 45 6.7800 (266.2782500d) Dec: -29 06 49.94 (-29.11387d) Equinox: J2000		V=(?) J=14-20	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -250.26 569999999998,50.0		[==>]	[1]
	2	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -240.26 569999999998,55.0		[==>]	[1]
	3	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -230.26 569999999998,45.0		[==>]	[1]
	4	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG -235.26 569999999998,40.0		[==>]	[1]
	5	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -250.26 569999999998,-50.0		[==>]	[1]
	6	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -240.26 569999999998,-45.0		[==>]	[1]
	7	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -230.26 569999999998,-55.0		[==>]	[1]
	8	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG -240.26 569999999998,-60.0	Prime + Parallel Group 8-9 in Tile Visit 0R	[==>]	[1]
	9	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	ACS/WFC, ACCUM, WFC	F850LP			Prime + Parallel Group 8-9 in Tile Visit 0R	110 Secs [==>]	[1]



Proposal 12915 - Tile Visit 2K - PROPER MOTIONS OF ISOLATED MASSIVE STARS NEAR THE GALACTIC CENTER

Tue Jul 10 02:41:34 GMT 2012

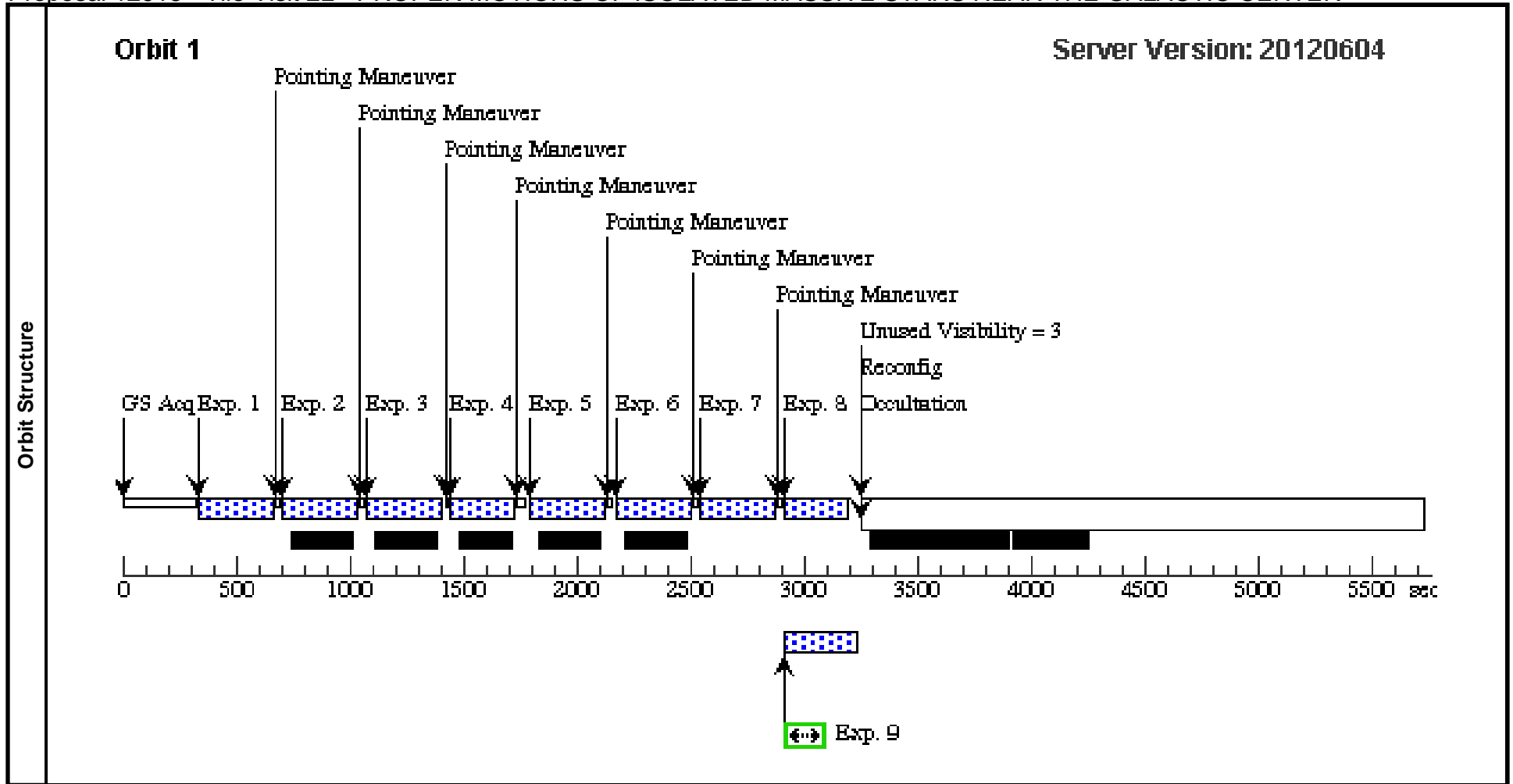
Visit	Proposal 12915, Tile Visit 2K Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 0R; BEFORE 01-DEC-2012:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(2)	GAL-CEN-FIELD2	RA: 17 45 6.7800 (266.2782500d) Dec: -29 06 49.94 (-29.11387d) Equinox: J2000		V=(?) J=14-20	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -125.13 28499999999,50.0		[==>]	[1]
	2	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -115.13 28499999999,55.0		[==>]	[1]
	3	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -105.13 28499999999,45.0		[==>]	[1]
	4	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG -110.13 28499999999,40.0		[==>]	[1]
	5	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -125.13 28499999999,-50.0		[==>]	[1]
	6	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -115.13 28499999999,-45.0		[==>]	[1]
	7	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -105.13 28499999999,-55.0		[==>]	[1]
	8	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG -115.13 28499999999,-60.0	Prime + Parallel Group 8-9 in Tile Visit 2K	[==>]	[1]
	9	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	ACS/WFC, ACCUM, WFC	F850LP			Prime + Parallel Group 8-9 in Tile Visit 2K	110 Secs [==>]	[1]



Proposal 12915 - Tile Visit 2L - PROPER MOTIONS OF ISOLATED MASSIVE STARS NEAR THE GALACTIC CENTER

Tue Jul 10 02:41:35 GMT 2012

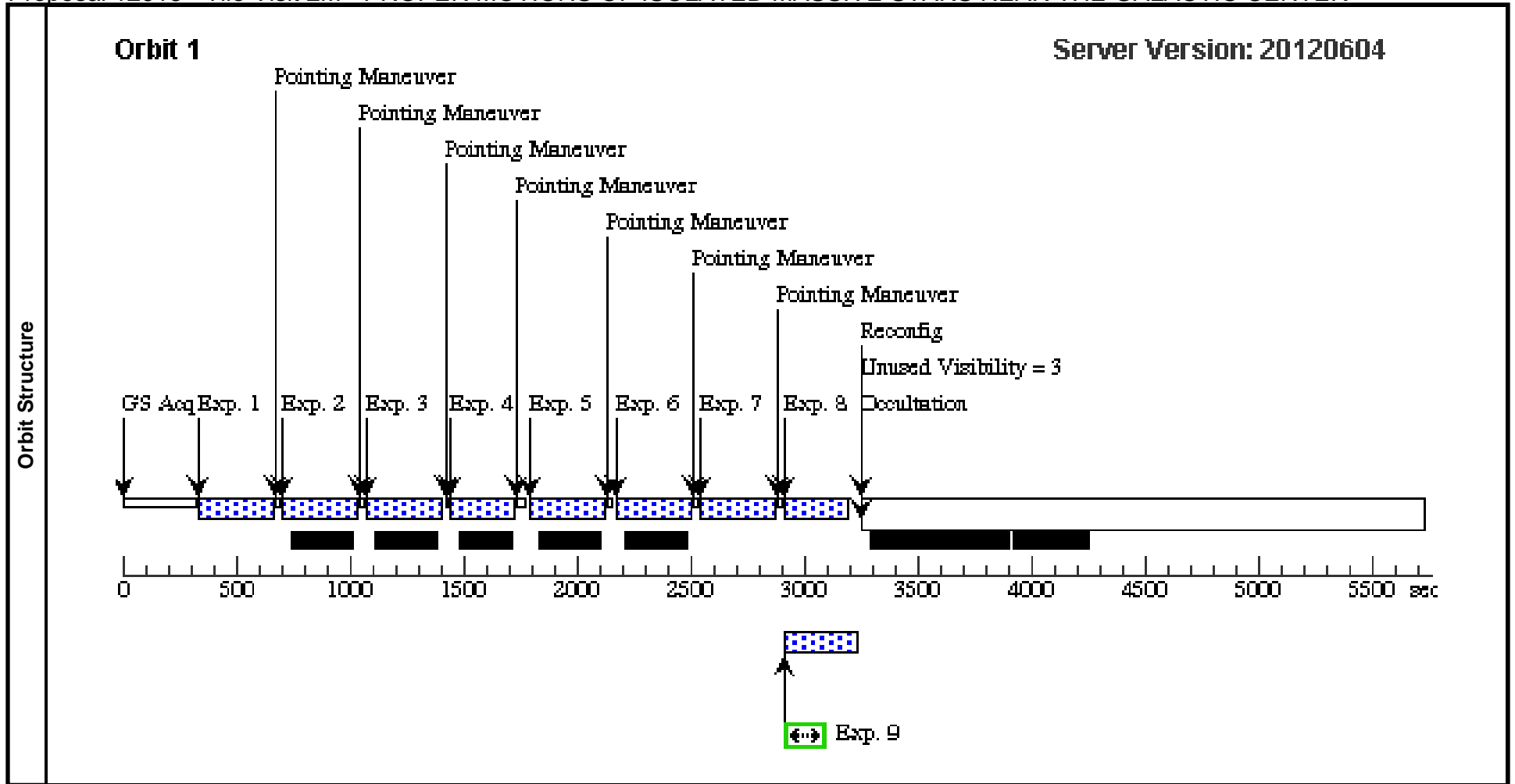
Visit	Proposal 12915, Tile Visit 2L									
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/IR, ACS/WFC										
Special Requirements: SAME ORIENT AS 0R; BEFORE 01-DEC-2012:00:00:00										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(2)	GAL-CEN-FIELD2	RA: 17 45 6.7800 (266.2782500d) Dec: -29 06 49.94 (-29.11387d) Equinox: J2000		V=(?) J=14-20	Reference Frame: ICRS			
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(2) GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 0.0,50.0		[==>]	[1]
	2		(2) GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 10.0,55.0		[==>]	[1]
	3		(2) GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 20.0,45.0		[==>]	[1]
	4		(2) GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG 15.0,40.0		[==>]	[1]
	5		(2) GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 0.0,-50.0		[==>]	[1]
	6		(2) GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 10.0,-45.0		[==>]	[1]
	7		(2) GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 20.0,-55.0		[==>]	[1]
	8		(2) GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG 10.0,-60.0	Prime + Parallel Group 8-9 in Tile Visit 2L	[==>]	[1]
	9		(2) GAL-CEN-FIELD2	ACS/WFC, ACCUM, WFC	F850LP			Prime + Parallel Group 8-9 in Tile Visit 2L	110 Secs [==>]	[1]



Proposal 12915 - Tile Visit 2M - PROPER MOTIONS OF ISOLATED MASSIVE STARS NEAR THE GALACTIC CENTER

Tue Jul 10 02:41:36 GMT 2012

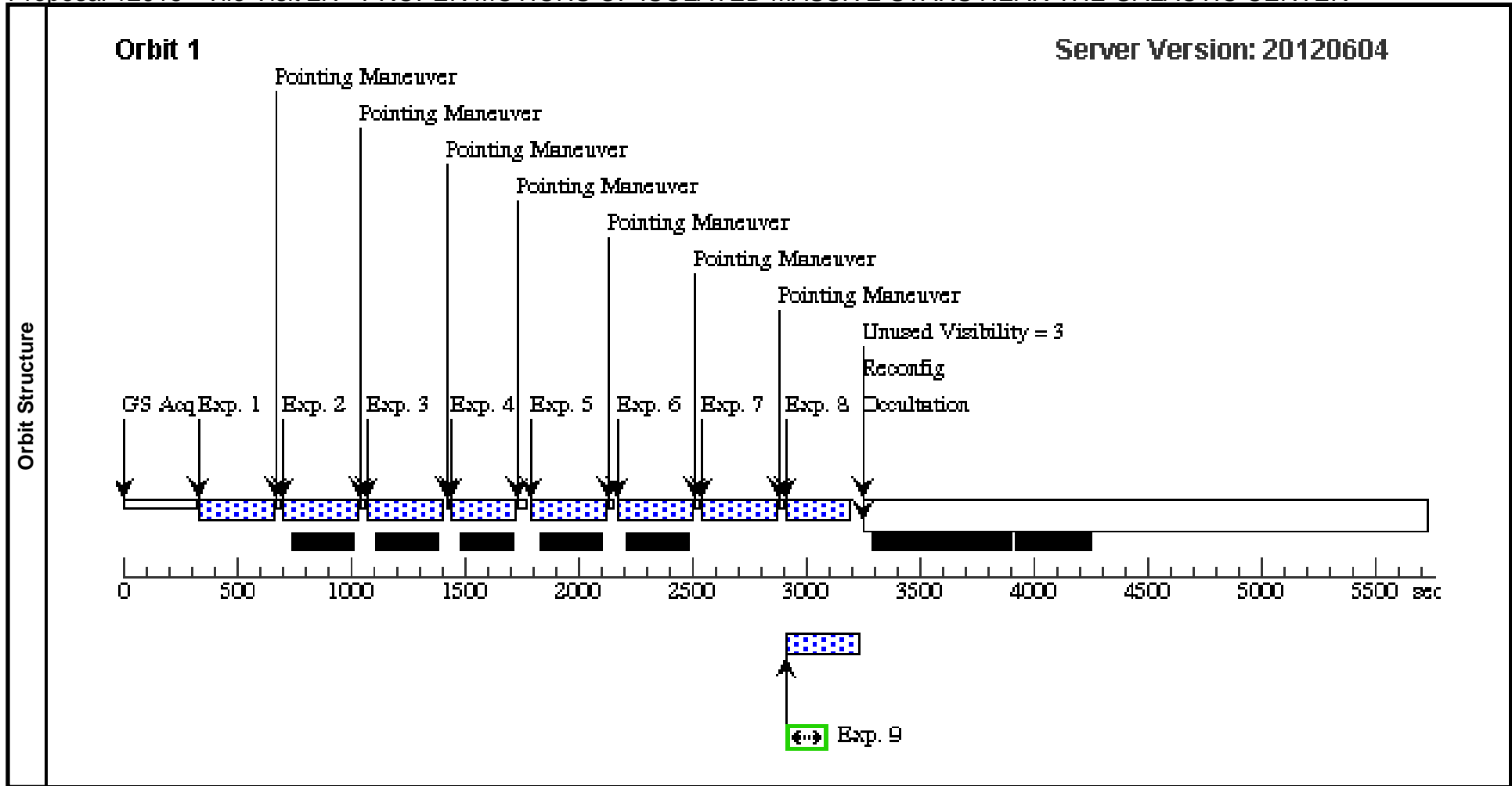
Visit	Proposal 12915, Tile Visit 2M Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 0R; BEFORE 01-DEC-2012:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(2)	GAL-CEN-FIELD2	RA: 17 45 6.7800 (266.2782500d) Dec: -29 06 49.94 (-29.11387d) Equinox: J2000		V=(?) J=14-20	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 125.132 8499999999,50.0		[==>]	[1]
	2	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 135.132 85,55.0		[==>]	[1]
	3	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 145.132 85,45.0		[==>]	[1]
	4	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG 140.132 85,40.0		[==>]	[1]
	5	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 125.132 8499999999,-50.0		[==>]	[1]
	6	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 135.132 85,-45.0		[==>]	[1]
	7	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 145.132 85,-55.0		[==>]	[1]
	8	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG 135.132 85,-60.0	Prime + Parallel Group 8-9 in Tile Visit 2M	[==>]	[1]
	9	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	ACS/WFC, ACCUM, WFC	F850LP			Prime + Parallel Group 8-9 in Tile Visit 2M	110 Secs [==>]	[1]



Proposal 12915 - Tile Visit 2N - PROPER MOTIONS OF ISOLATED MASSIVE STARS NEAR THE GALACTIC CENTER

Tue Jul 10 02:41:37 GMT 2012

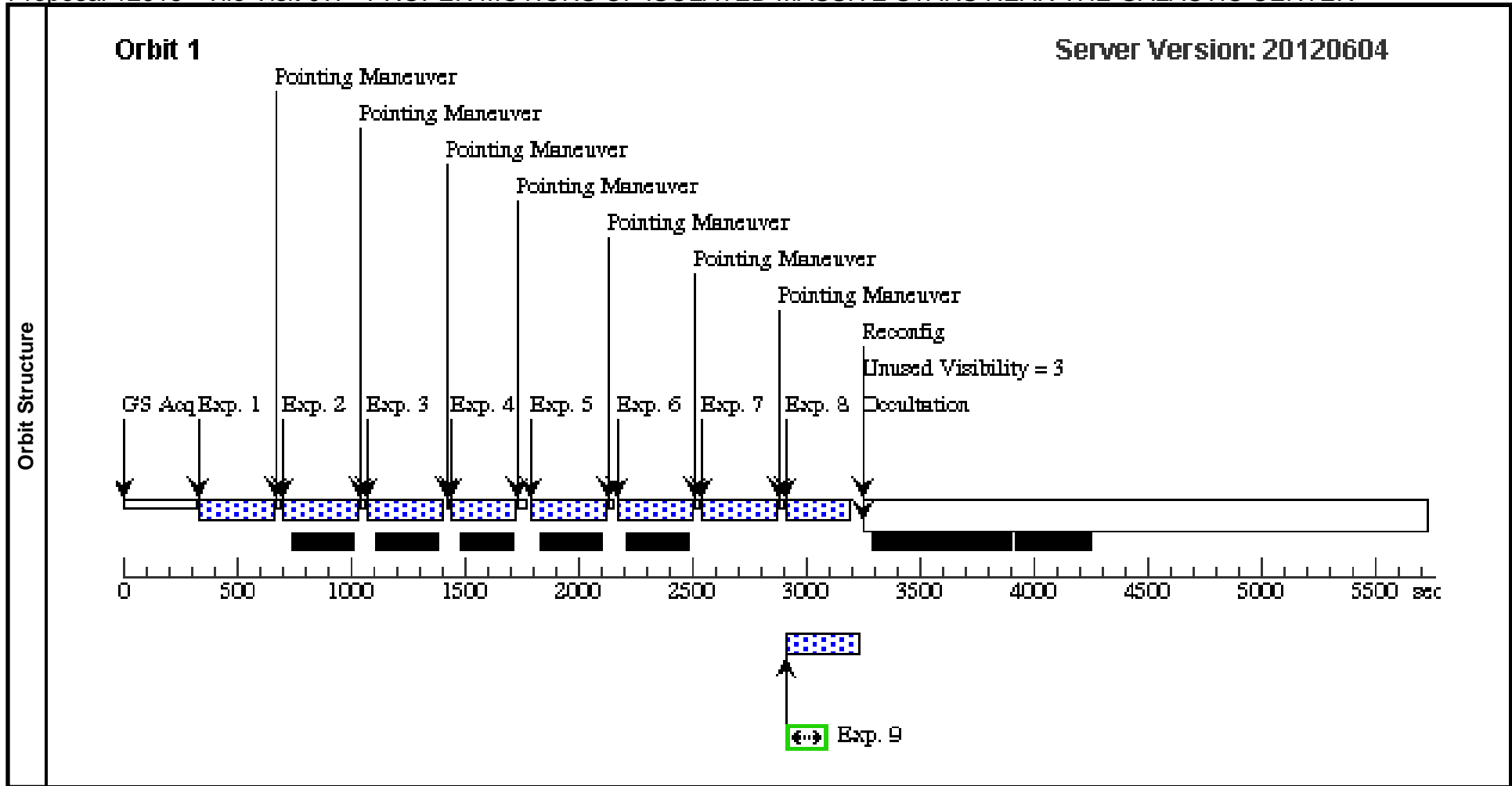
Visit	Proposal 12915, Tile Visit 2N Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 0R; BEFORE 01-DEC-2012:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(2)	GAL-CEN-FIELD2	RA: 17 45 6.7800 (266.2782500d) Dec: -29 06 49.94 (-29.11387d) Equinox: J2000		V=(?) J=14-20	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 250.265 69999999998,50.0		[==>]	[1]
	2	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 260.265 7,55.0		[==>]	[1]
	3	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 270.265 7,45.0		[==>]	[1]
	4	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG 265.265 7,40.0		[==>]	[1]
	5	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 250.265 69999999998,-50.0		[==>]	[1]
	6	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 260.265 7,-45.0		[==>]	[1]
	7	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 270.265 7,-55.0		[==>]	[1]
	8	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG 260.265 7,-60.0	Prime + Parallel Group 8-9 in Tile Visit 2N	[==>]	[1]
	9	(2) GAL-CEN-FIELD2	GAL-CEN-FIELD2	ACS/WFC, ACCUM, WFC	F850LP			Prime + Parallel Group 8-9 in Tile Visit 2N	110 Secs [==>]	[1]



Proposal 12915 - Tile Visit 0W - PROPER MOTIONS OF ISOLATED MASSIVE STARS NEAR THE GALACTIC CENTER

Tue Jul 10 02:41:38 GMT 2012

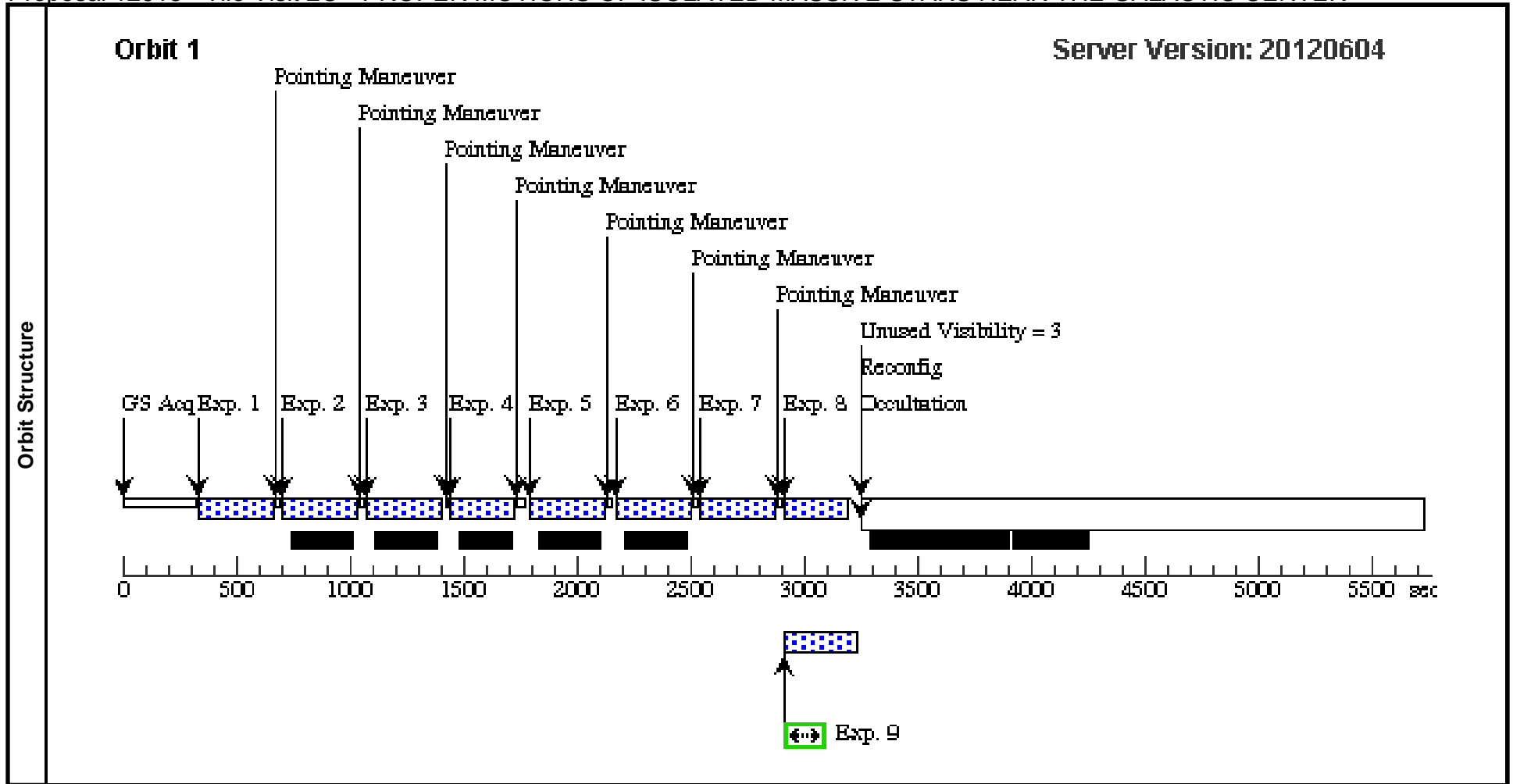
Visit	Proposal 12915, Tile Visit 0W									
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/IR, ACS/WFC										
Special Requirements: ORIENT 80D TO 100 D; ORIENT 260D TO 280 D; BEFORE 01-DEC-2012:00:00:00										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(4)	GAL-CEN-FIELD3	RA: 17 45 21.4400 (266.3393333d) Dec: -29 10 15.98 (-29.17111d) Equinox: J2000		V=(?) J=14-20	Reference Frame: ICRS			
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(4) GAL-CEN-FIELD3	(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -250.26 569999999998,50.0		[==>]	[1]
	2	(4) GAL-CEN-FIELD3	(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -240.26 569999999998,55.0		[==>]	[1]
	3	(4) GAL-CEN-FIELD3	(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -230.26 569999999998,45.0		[==>]	[1]
	4	(4) GAL-CEN-FIELD3	(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG -235.26 569999999998,40.0		[==>]	[1]
	5	(4) GAL-CEN-FIELD3	(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -250.26 569999999998,-50.0		[==>]	[1]
	6	(4) GAL-CEN-FIELD3	(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -240.26 569999999998,-45.0		[==>]	[1]
	7	(4) GAL-CEN-FIELD3	(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -230.26 569999999998,-55.0		[==>]	[1]
	8	(4) GAL-CEN-FIELD3	(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG -240.26 569999999998,-60.0	Prime + Parallel Group 8-9 in Tile Visit 0W	[==>]	[1]
	9	(4) GAL-CEN-FIELD3	(4) GAL-CEN-FIELD3	ACS/WFC, ACCUM, WFC	F850LP			Prime + Parallel Group 8-9 in Tile Visit 0W	110 Secs [==>]	[1]



Proposal 12915 - Tile Visit 20 - PROPER MOTIONS OF ISOLATED MASSIVE STARS NEAR THE GALACTIC CENTER

Tue Jul 10 02:41:39 GMT 2012

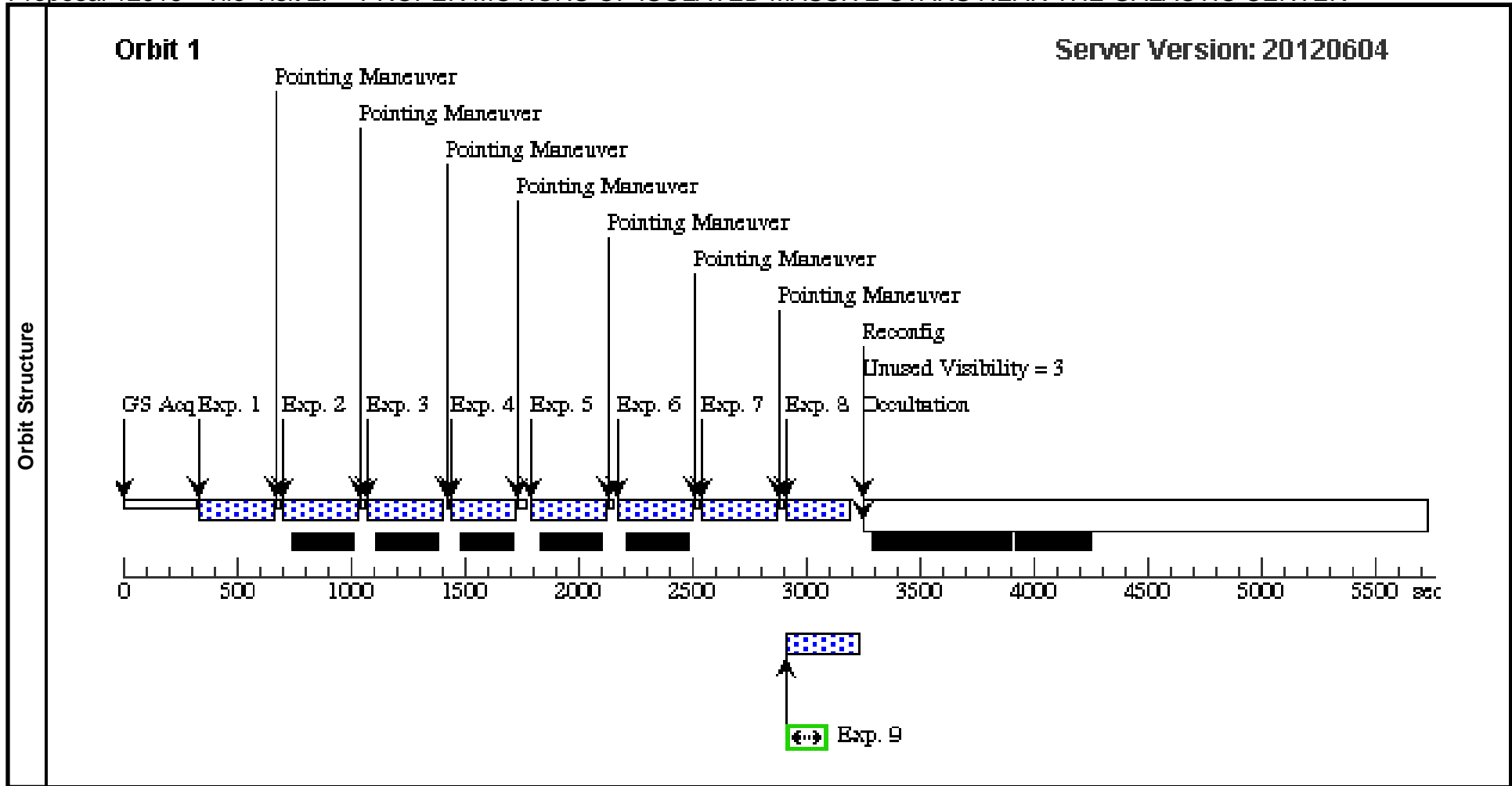
Visit	Proposal 12915, Tile Visit 20 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 0W; BEFORE 01-DEC-2012:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(4)	GAL-CEN-FIELD3	RA: 17 45 21.4400 (266.3393333d) Dec: -29 10 15.98 (-29.17111d) Equinox: J2000		V=(?) J=14-20	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -125.13 28499999999,50.0		[==>]	[1]
	2		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -115.13 28499999999,55.0		[==>]	[1]
	3		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -105.13 28499999999,45.0		[==>]	[1]
	4		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG -110.13 28499999999,40.0		[==>]	[1]
	5		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -125.13 28499999999,-50.0		[==>]	[1]
	6		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -115.13 28499999999,-45.0		[==>]	[1]
	7		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -105.13 28499999999,-55.0		[==>]	[1]
	8		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG -115.13 28499999999,-60.0	Prime + Parallel Group 8-9 in Tile Visit 20	[==>]	[1]
	9		(4) GAL-CEN-FIELD3	ACS/WFC, ACCUM, WFC	F850LP			Prime + Parallel Group 8-9 in Tile Visit 20	110 Secs [==>]	[1]



Proposal 12915 - Tile Visit 2P - PROPER MOTIONS OF ISOLATED MASSIVE STARS NEAR THE GALACTIC CENTER

Tue Jul 10 02:41:40 GMT 2012

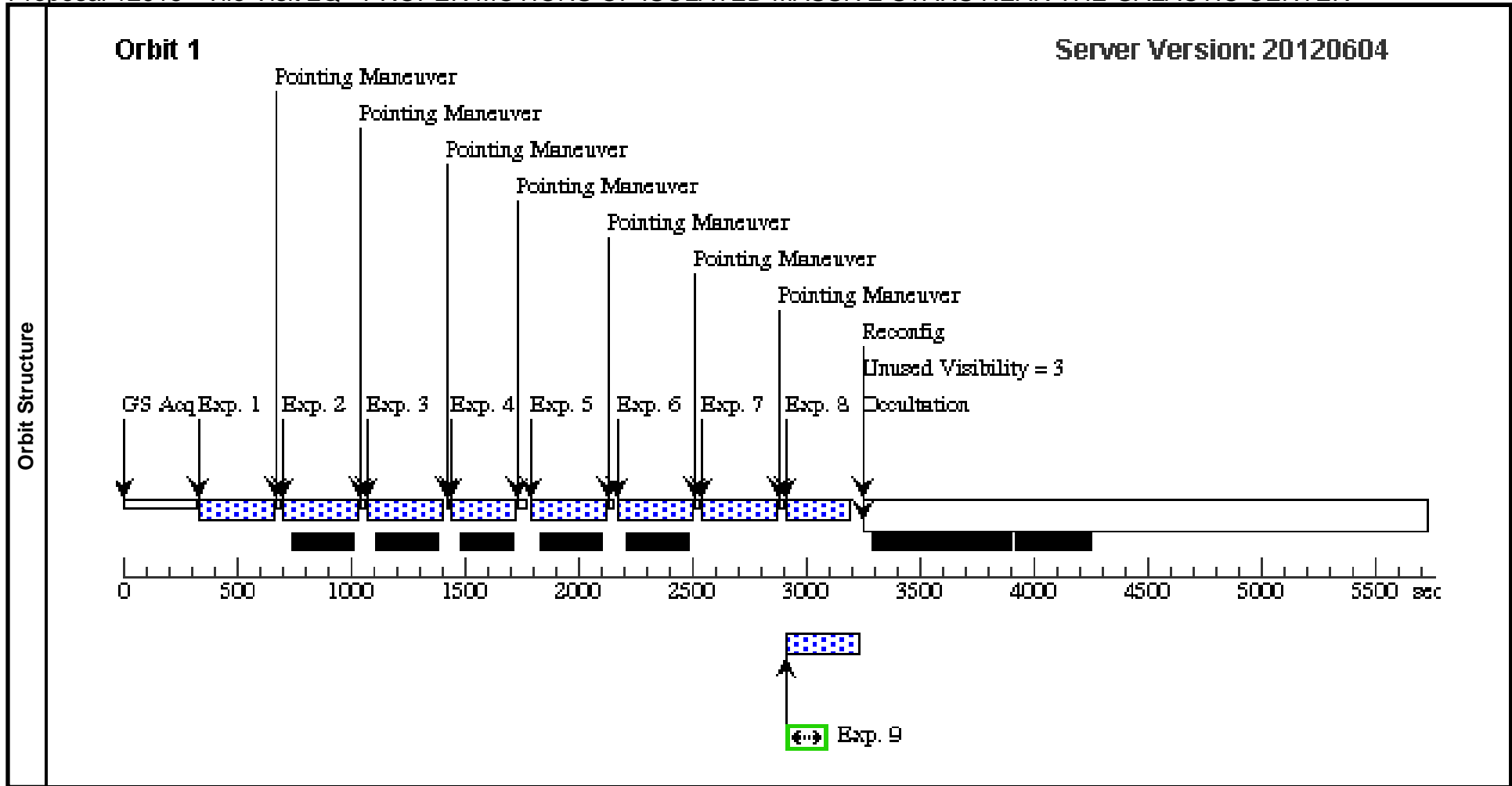
Visit	Proposal 12915, Tile Visit 2P									
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/IR, ACS/WFC										
Special Requirements: SAME ORIENT AS 0W: BEFORE 01-DEC-2012:00:00:00										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(4)	GAL-CEN-FIELD3	RA: 17 45 21.4400 (266.3393333d) Dec: -29 10 15.98 (-29.17111d) Equinox: J2000		V=(?) J=14-20	Reference Frame: ICRS			
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 0.0,50.0		[==>]	[1]
	2		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 10.0,55.0		[==>]	[1]
	3		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 20.0,45.0		[==>]	[1]
	4		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG 15.0,40.0		[==>]	[1]
	5		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 0.0,-50.0		[==>]	[1]
	6		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 10.0,-45.0		[==>]	[1]
	7		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 20.0,-55.0		[==>]	[1]
	8		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG 10.0,-60.0	Prime + Parallel Group 8-9 in Tile Visit 2P	[==>]	[1]
	9		(4) GAL-CEN-FIELD3	ACS/WFC, ACCUM, WFC	F850LP			Prime + Parallel Group 8-9 in Tile Visit 2P	110 Secs [==>]	[1]



Proposal 12915 - Tile Visit 2Q - PROPER MOTIONS OF ISOLATED MASSIVE STARS NEAR THE GALACTIC CENTER

Tue Jul 10 02:41:41 GMT 2012

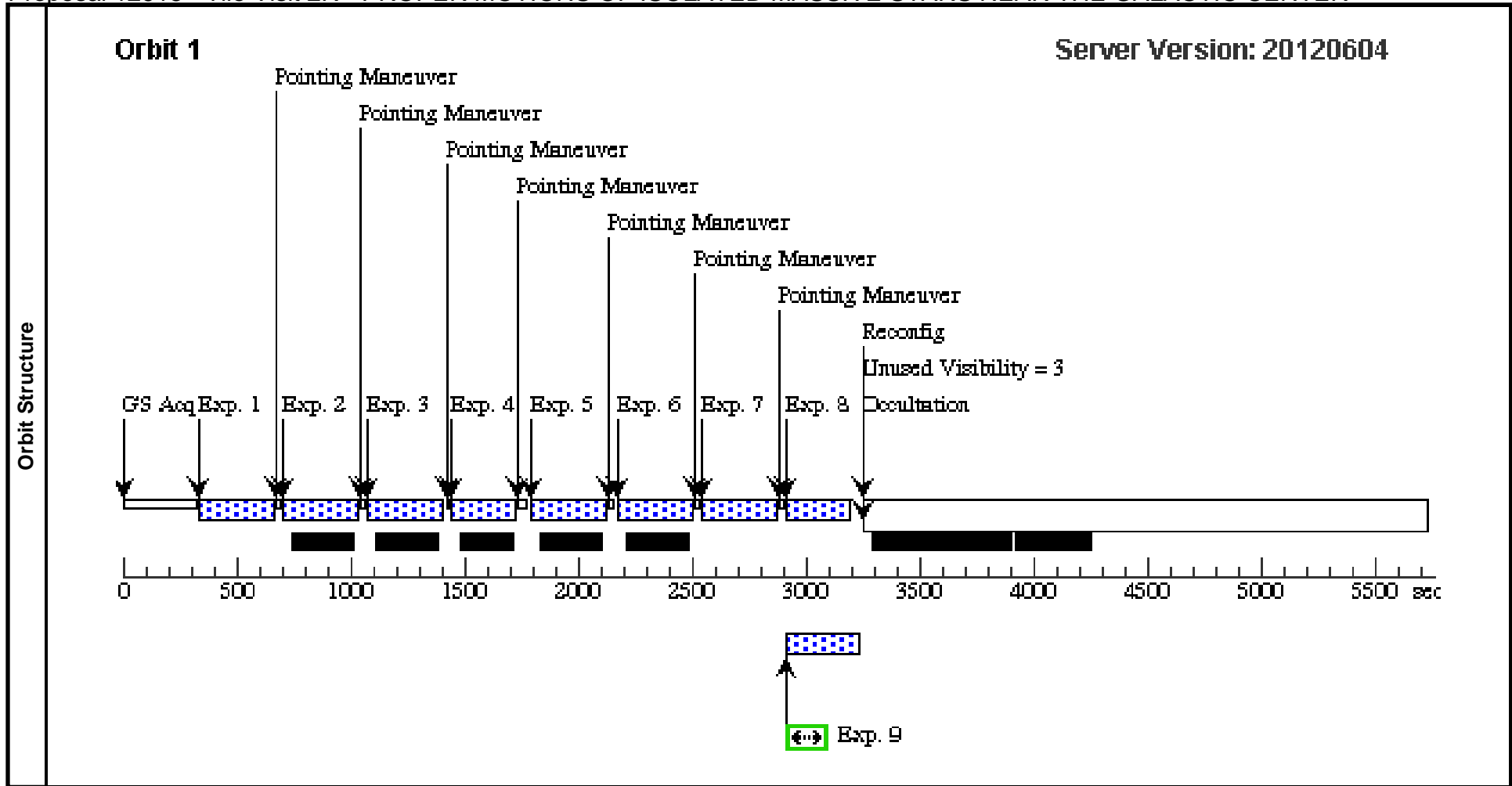
Visit	Proposal 12915, Tile Visit 2Q Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 0W; BEFORE 01-DEC-2012:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(4)	GAL-CEN-FIELD3	RA: 17 45 21.4400 (266.3393333d) Dec: -29 10 15.98 (-29.17111d) Equinox: J2000		V=(?) J=14-20	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 125.132 8499999999,50.0		[==>]	[1]
	2		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 135.132 85,55.0		[==>]	[1]
	3		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 145.132 85,45.0		[==>]	[1]
	4		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG 140.132 85,40.0		[==>]	[1]
	5		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 125.132 8499999999,-50.0		[==>]	[1]
	6		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 135.132 85,-45.0		[==>]	[1]
	7		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 145.132 85,-55.0		[==>]	[1]
	8		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG 135.132 85,-60.0	Prime + Parallel Group 8-9 in Tile Visit 2Q	[==>]	[1]
	9		(4) GAL-CEN-FIELD3	ACS/WFC, ACCUM, WFC	F850LP			Prime + Parallel Group 8-9 in Tile Visit 2Q	110 Secs [==>]	[1]



Proposal 12915 - Tile Visit 2R - PROPER MOTIONS OF ISOLATED MASSIVE STARS NEAR THE GALACTIC CENTER

Tue Jul 10 02:41:41 GMT 2012

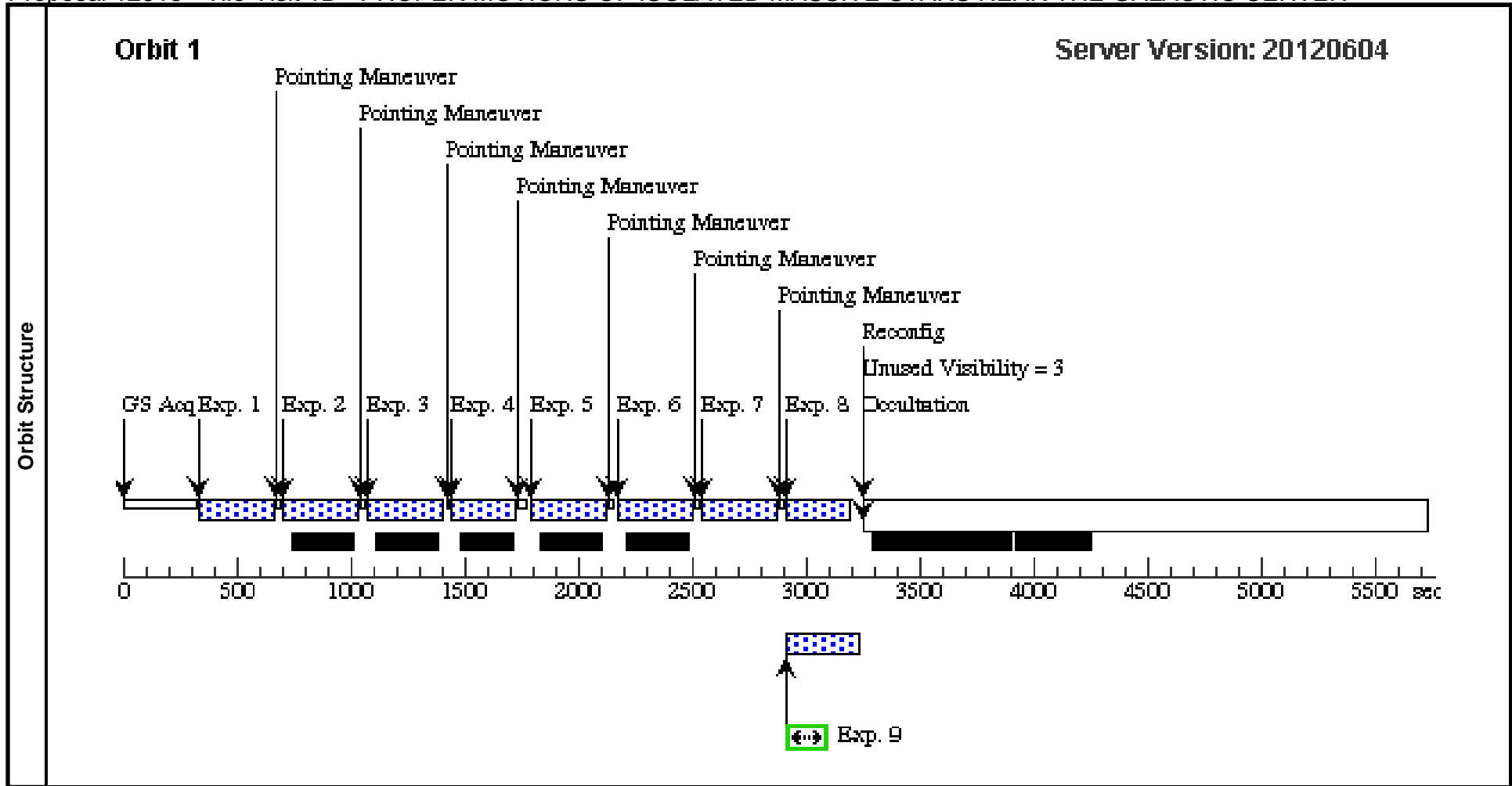
Visit	Proposal 12915, Tile Visit 2R Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 0W; BEFORE 01-DEC-2012:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(4)	GAL-CEN-FIELD3	RA: 17 45 21.4400 (266.3393333d) Dec: -29 10 15.98 (-29.17111d) Equinox: J2000		V=(?) J=14-20	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 250.265 69999999998,50.0		[==>]	[1]
	2		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 260.265 7,55.0		[==>]	[1]
	3		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 270.265 7,45.0		[==>]	[1]
	4		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG 265.265 7,40.0		[==>]	[1]
	5		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 250.265 69999999998,-50.0		[==>]	[1]
	6		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 260.265 7,-45.0		[==>]	[1]
	7		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 270.265 7,-55.0		[==>]	[1]
	8		(4) GAL-CEN-FIELD3	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG 260.265 7,-60.0	Prime + Parallel Group 8-9 in Tile Visit 2R	[==>]	[1]
	9		(4) GAL-CEN-FIELD3	ACS/WFC, ACCUM, WFC	F850LP			Prime + Parallel Group 8-9 in Tile Visit 2R	110 Secs [==>]	[1]



Proposal 12915 - Tile Visit 1B - PROPER MOTIONS OF ISOLATED MASSIVE STARS NEAR THE GALACTIC CENTER

Tue Jul 10 02:41:42 GMT 2012

Visit	Proposal 12915, Tile Visit 1B									
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/IR, ACS/WFC										
Special Requirements: ORIENT 80D TO 100 D; ORIENT 260D TO 280 D; BEFORE 01-DEC-2012:00:00:00										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	GAL-CEN-FIELD4	RA: 17 46 7.5600 (266.5315000d) Dec: -28 54 2.42 (-28.90067d) Equinox: J2000		V=(?) J=14-20	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(3) GAL-CEN-FIELD4	(3) GAL-CEN-FIELD4	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -62.566 424999999995,50.0		[==>]	[1]
	2	(3) GAL-CEN-FIELD4	(3) GAL-CEN-FIELD4	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -52.566 424999999995,55.0		[==>]	[1]
	3	(3) GAL-CEN-FIELD4	(3) GAL-CEN-FIELD4	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -42.566 424999999995,45.0		[==>]	[1]
	4	(3) GAL-CEN-FIELD4	(3) GAL-CEN-FIELD4	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG -47.566 424999999995,40.0		[==>]	[1]
	5	(3) GAL-CEN-FIELD4	(3) GAL-CEN-FIELD4	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -62.566 424999999995,-50.0		[==>]	[1]
	6	(3) GAL-CEN-FIELD4	(3) GAL-CEN-FIELD4	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -52.566 424999999995,-45.0		[==>]	[1]
	7	(3) GAL-CEN-FIELD4	(3) GAL-CEN-FIELD4	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG -42.566 424999999995,-55.0		[==>]	[1]
	8	(3) GAL-CEN-FIELD4	(3) GAL-CEN-FIELD4	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG -52.566 424999999995,-60.0	Prime + Parallel Group 8-9 in Tile Visit 1B	[==>]	[1]
	9	(3) GAL-CEN-FIELD4	(3) GAL-CEN-FIELD4	ACS/WFC, ACCUM, WFC	F850LP			Prime + Parallel Group 8-9 in Tile Visit 1B	110 Secs [==>]	[1]



Proposal 12915 - Tile Visit 2S - PROPER MOTIONS OF ISOLATED MASSIVE STARS NEAR THE GALACTIC CENTER

Tue Jul 10 02:41:43 GMT 2012

Visit	Proposal 12915, Tile Visit 2S Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 1B; BEFORE 01-DEC-2012:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(3)	GAL-CEN-FIELD4	RA: 17 46 7.5600 (266.5315000d) Dec: -28 54 2.42 (-28.90067d) Equinox: J2000		V=(?) J=14-20	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) GAL-CEN-FIELD4	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 62.5664 24999999995,50.0		[==>]	[1]
	2		(3) GAL-CEN-FIELD4	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 72.5664 25,55.0		[==>]	[1]
	3		(3) GAL-CEN-FIELD4	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 82.5664 25,45.0		[==>]	[1]
	4		(3) GAL-CEN-FIELD4	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG 77.5664 25,40.0		[==>]	[1]
	5		(3) GAL-CEN-FIELD4	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 62.5664 24999999995,-50.0		[==>]	[1]
	6		(3) GAL-CEN-FIELD4	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 72.5664 25,-45.0		[==>]	[1]
	7		(3) GAL-CEN-FIELD4	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=11; SAMP-SEQ=STEP5 0	POS TARG 82.5664 25,-55.0		[==>]	[1]
	8		(3) GAL-CEN-FIELD4	WFC3/IR, MULTIACCUM, IR	F139M	NSAMP=10; SAMP-SEQ=STEP5 0	POS TARG 72.5664 25,-60.0	Prime + Parallel Group 8-9 in Tile Visit 2S	[==>]	[1]
	9		(3) GAL-CEN-FIELD4	ACS/WFC, ACCUM, WFC	F850LP			Prime + Parallel Group 8-9 in Tile Visit 2S	110 Secs [==>]	[1]

