15857 - Internal Kinematics of Outer Fields in Globular Clusters: The Last Piece of the Multi-Population Puzzle

Cycle: 27, Proposal Category: GO

(UV Initiative)

(Availability Mode: SUPPORTED)

INVESTIGATORS

Name	*Institution*	*E-Mail*
Dr. Andrea Bellini (PI) (Contact)	**Space Telescope Science Institute**	**bellini@stsci.edu**
Dr. Jay Anderson (CoI)	Space Telescope Science Institute	jayander@stsci.edu
Prof. Francesco R. Ferraro (CoI) (ESA Member)	Universita di Bologna	francesco.ferraro3@unibo.it
Dr. Mattia Libralato (CoI)	Space Telescope Science Institute - ESA - JWST	libra@stsci.edu
Prof. Giampaolo Piotto (CoI) (ESA Member)	Universita degli Studi di Padova	giampaolo.piotto@unipd.it
Mrs. Silvia Raso (CoI) (ESA Member)	Universita di Bologna	silvia.raso2@unibo.it
Prof. Alvio Renzini (CoI) (ESA Member)	Osservatorio Astronomico di Padova	alvio.renzini@oapd.inaf.it
Dr. Enrico Vesperini (CoI)	Indiana University System	evesperi@indiana.edu
Dr. Roeland P. van der Marel (CoI)	Space Telescope Science Institute	marel@stsci.edu
Dr. Holger Baumgardt (CoI)	University of Queensland	h.baumgardt@uq.edu.au

VISITS

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
01	(1) NGC-5272-M-3	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:25.0	yes
02	(1) NGC-5272-M-3	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:26.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
03	(1) NGC-5272-M-3	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:27.0	yes
04	(1) NGC-5272-M-3	ACS/WFC	1	09-Mar-2022 11:00:28.0	yes
05	(1) NGC-5272-M-3	ACS/WFC	1	09-Mar-2022 11:00:29.0	yes
06	(2) NGC-6341-M-92	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:30.0	yes
07	(2) NGC-6341-M-92	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:31.0	yes
08	(2) NGC-6341-M-92	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:32.0	yes
09	(2) NGC-6341-M-92	ACS/WFC	1	09-Mar-2022 11:00:33.0	yes
10	(2) NGC-6341-M-92	ACS/WFC	1	09-Mar-2022 11:00:34.0	yes
11	(3) NGC-7078-M-15	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:35.0	yes
51	(3) NGC-7078-M-15	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:36.0	yes
61	(3) NGC-7078-M-15	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:36.0	yes
12	(3) NGC-7078-M-15	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:37.0	yes
13	(3) NGC-7078-M-15	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:38.0	yes
14	(3) NGC-7078-M-15	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:39.0	yes
15	(3) NGC-7078-M-15	ACS/WFC	1	09-Mar-2022 11:00:40.0	yes
16	(3) NGC-7078-M-15	ACS/WFC	1	09-Mar-2022 11:00:41.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
17	(6) NGC-5904-M-5	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:42.0	yes
18	(6) NGC-5904-M-5	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:43.0	yes
19	(6) NGC-5904-M-5	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:44.0	yes
20	(6) NGC-5904-M-5	ACS/WFC	1	09-Mar-2022 11:00:45.0	yes
21	(6) NGC-5904-M-5	ACS/WFC	1	09-Mar-2022 11:00:45.0	yes
22	(7) NGC-6752	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:46.0	yes
23	(7) NGC-6752	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:47.0	yes
24	(7) NGC-6752	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:48.0	yes
25	(7) NGC-6752	ACS/WFC	1	09-Mar-2022 11:00:49.0	yes
26	(7) NGC-6752	ACS/WFC	1	09-Mar-2022 11:00:50.0	yes
27	(4) NGC-2808 ANY	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:51.0	yes
28	(4) NGC-2808 ANY	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:52.0	yes
29	(4) NGC-2808 ANY	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:53.0	yes
30	(4) NGC-2808 ANY	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:54.0	yes
31	(4) NGC-2808 ANY	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:55.0	yes
32	(4) NGC-2808 ANY	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:56.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
33	(4) NGC-2808	ACS/WFC	1	09-Mar-2022 11:00:57.0	yes
34	(4) NGC-2808	ACS/WFC	1	09-Mar-2022 11:00:57.0	yes
35	(4) NGC-2808	ACS/WFC	1	09-Mar-2022 11:00:58.0	yes
36	(5) NGC-5139-OMEGA-CEN	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:00:59.0	yes
37	(5) NGC-5139-OMEGA-CEN	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:01:00.0	yes
38	(5) NGC-5139-OMEGA-CEN	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:01:02.0	yes
39	(5) NGC-5139-OMEGA-CEN	ACS/WFC WFC3/UVIS	1	09-Mar-2022 11:01:03.0	yes

41 Total Orbits Used

ABSTRACT

Photometric and spectroscopic studies over the last 20 years have revolutionized our understanding of globular clusters (GCs). We now know that essentially all GCs host multiple stellar populations (mPOPs) that can be identified at all evolutionary stages and are characterized by differences in light elements, He, and sometimes Fe. These findings present a number of formidable challenges for the study of the formation and evolution of GCs, and many key questions remain unanswered.

While a combination of photometric and spectroscopic data have provided us with a wealth of information on many properties of mPOPs, the dynamical picture of GCs and their mPOPs is still far from complete, and it is essential to study the GCs' internal kinematics. High-precision proper motions (PMs) represent a very effective way to shed light on and constrain the formation and evolution of these ancient stellar systems.

The observations we propose will allow the analyis of the internal kinematics of 7 GCs in strategic radial ranges where dynamical differences between first- and second-generation stars have not yet been erased by dynamical processes . These targets are the only GCs for which the proposed investigation is currently possible with the available first-epoch observations in the HST archive.

Most of our target stars are too faint for Gaia, and even stars that are just bright enough to make it into the Gaia's catalog have errors that are too large

to measure the clusters' internal dispersion. HST is the only tool that can measure internal internal PMs with the required precision and for the range of stellar masses needed to build a complete dynamical portrait of mPOPs in GCs.

OBSERVING DESCRIPTION

Photometric and spectroscopic studies over the last 20 years have revolutionized our understanding of globular clusters (GCs). We now know that essentially all GCs host multiple stellar populations (mPOPs) that can be identified at all evolutionary stages and are characterized by differences in light elements, He, and sometimes Fe. These findings present a number of formidable challenges for the study of the formation and evolution of GCs, and many key questions remain unanswered.

While a combination of photometric and spectroscopic data have provided us with a wealth of information on many properties of mPOPs, the dynamical picture of GCs and their mPOPs is still far from being complete, and it is essential to study the GCs' internal kinematics. High-precision proper motions (PMs) represent a very effective way to shed light on and constrain the formation and dynamics of these ancient stellar systems.

The observations we propose will allow the analyis of the internal kinematics of 7 GCs in strategic radial ranges where dynamical differences between first- and second-generation stars have not yet been erased by dynamical processes . These targets are the all and only GCs for which the proposed investigation is currently possible with the available first-epoch observations in the HST archive.

Most of our target stars are fainter than the Gaia's faint limit. At this limit, Gaia's PM errors are several times larger than the internal dispersion we want to measure. HST is the only tool to measure internal internal PMs with the required precision and for the range of stellar masses needed to build a complete dynamical portrait of mPOPs in GCs.

Visit

Proposal 15857, NGC5272_M3_V01 (01), scheduling Wed Mar 09 16:01:03 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 330D TO 348 D

Diagnostics

(Exposure 1 (NGC5272_M3_V01 (01))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC5272_M3_V01 (01))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC5272_M3_V01 (01))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC5272_M3_V01 (01))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

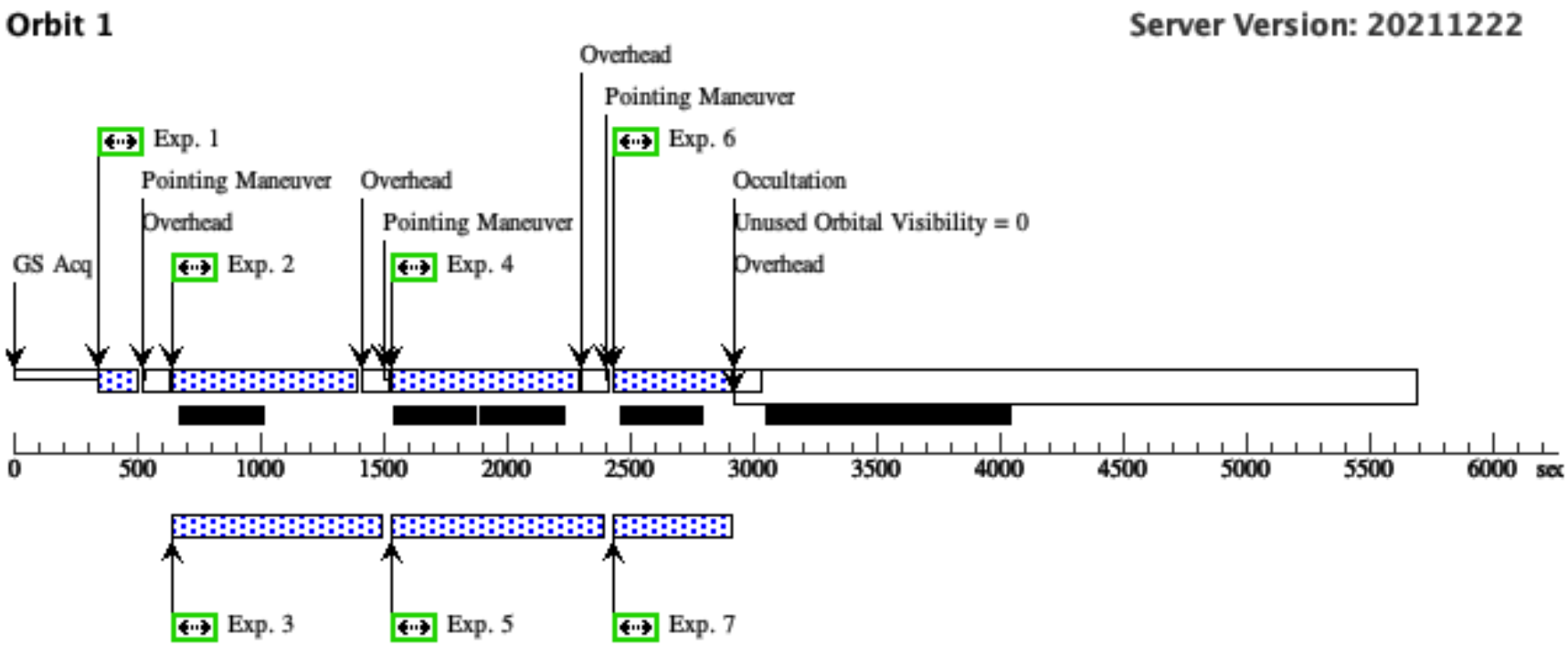
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-5272-M-3	RA: 13 41 39.1937 (205.4133071d) Dec: +28 33 36.61 (28.56017d) Equinox: J2000	Proper Motion RA: -4.273517115758143E-4 sec of time/yr Proper Motion Dec: -0.00612999990607932 arcsec/yr Epoch of Position: 2015.5	V=6.39	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) NGC-5272-M-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG -4.48069, -3.66588; GS ACQ SCENARIO BASE1B3		200 Secs (130 Secs) *[==>130.0 Secs]*	*[1]*
2		(1) NGC-5272-M-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -7.67953,-3.19496	Prime + Parallel Group 2-3 in NGC5272_M3_V01 (01)	900 Secs (732 Secs) *[==>732.0 Secs]*	*[1]*
3		(1) NGC-5272-M-3	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 2-3 in NGC5272_M3_V01 (01)	800 Secs (640 Secs) *[==>640.0 Secs]*	*[1]*
4		(1) NGC-5272-M-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 1.91697, -4.60772	Prime + Parallel Group 4-5 in NGC5272_M3_V01 (01)	900 Secs (760 Secs) *[==>760.0 Secs]*	*[1]*
5		(1) NGC-5272-M-3	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 4-5 in NGC5272_M3_V01 (01)	800 Secs (733 Secs) *[==>733.0 Secs]*	*[1]*
6		(1) NGC-5272-M-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG -1.28186,-4.13680	Prime + Parallel Group 6-7 in NGC5272_M3_V01 (01)	900 Secs (462 Secs) *[==>462.0 Secs]*	*[1]*
7		(1) NGC-5272-M-3	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 6-7 in NGC5272_M3_V01 (01)	800 Secs (337 Secs) *[==>337.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 15857, NGC5272_M3_V02 (02), scheduling Wed Mar 09 16:01:03 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 330D TO 348 D

Diagnostics

(Exposure 1 (NGC5272_M3_V02 (02))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC5272_M3_V02 (02))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC5272_M3_V02 (02))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC5272_M3_V02 (02))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

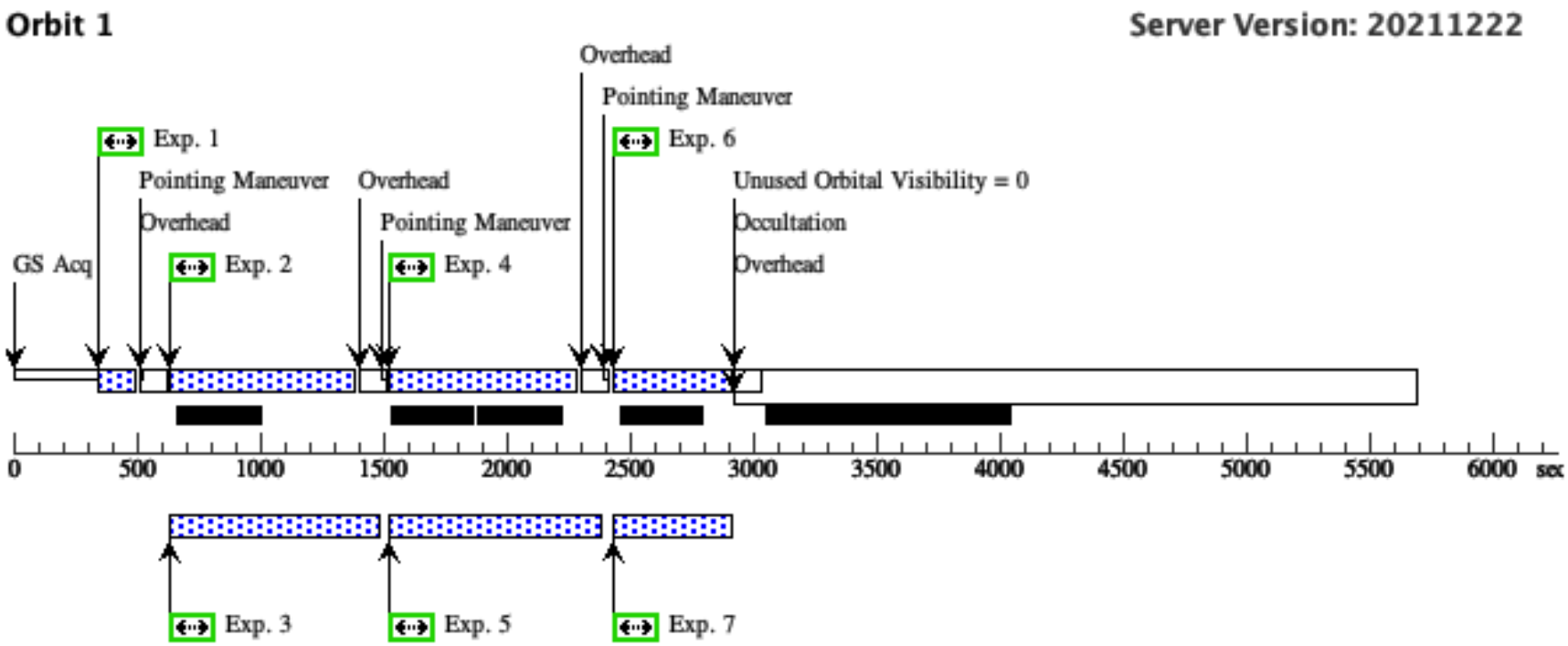
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-5272-M-3	RA: 13 41 39.1937 (205.4133071d) Dec: +28 33 36.61 (28.56017d) Equinox: J2000	Proper Motion RA: -4.273517115758143E-4 sec of time/yr Proper Motion Dec: -0.00612999990607932 arcsec/yr Epoch of Position: 2015.5	V=6.39	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) NGC-5272-M-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG -0.63899,1.53591; GS ACQ SCENARIO BASE1B3		200 Secs (122 Secs) *[==>122.0 Secs]*	*[1]*
2		(1) NGC-5272-M-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -1.91697,4.60772	Prime + Parallel Group 2-3 in NGC5272_M3_V02 (02)	900 Secs (732 Secs) *[==>732.0 Secs]*	*[1]*
3		(1) NGC-5272-M-3	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 2-3 in NGC5272_M3_V02 (02)	800 Secs (640 Secs) *[==>640.0 Secs]*	*[1]*
4		(1) NGC-5272-M-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 7.67953,3.19496	Prime + Parallel Group 4-5 in NGC5272_M3_V02 (02)	900 Secs (760 Secs) *[==>760.0 Secs]*	*[1]*
5		(1) NGC-5272-M-3	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 4-5 in NGC5272_M3_V02 (02)	800 Secs (733 Secs) *[==>733.0 Secs]*	*[1]*
6		(1) NGC-5272-M-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG -3.83783,2.00683	Prime + Parallel Group 6-7 in NGC5272_M3_V02 (02)	900 Secs (462 Secs) *[==>462.0 Secs]*	*[1]*
7		(1) NGC-5272-M-3	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 6-7 in NGC5272_M3_V02 (02)	800 Secs (337 Secs) *[==>337.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 15857, NGC5272_M3_V03 (03), scheduling Wed Mar 09 16:01:03 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 330D TO 348 D

Diagnostics

(Exposure 1 (NGC5272_M3_V03 (03))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC5272_M3_V03 (03))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC5272_M3_V03 (03))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC5272_M3_V03 (03))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

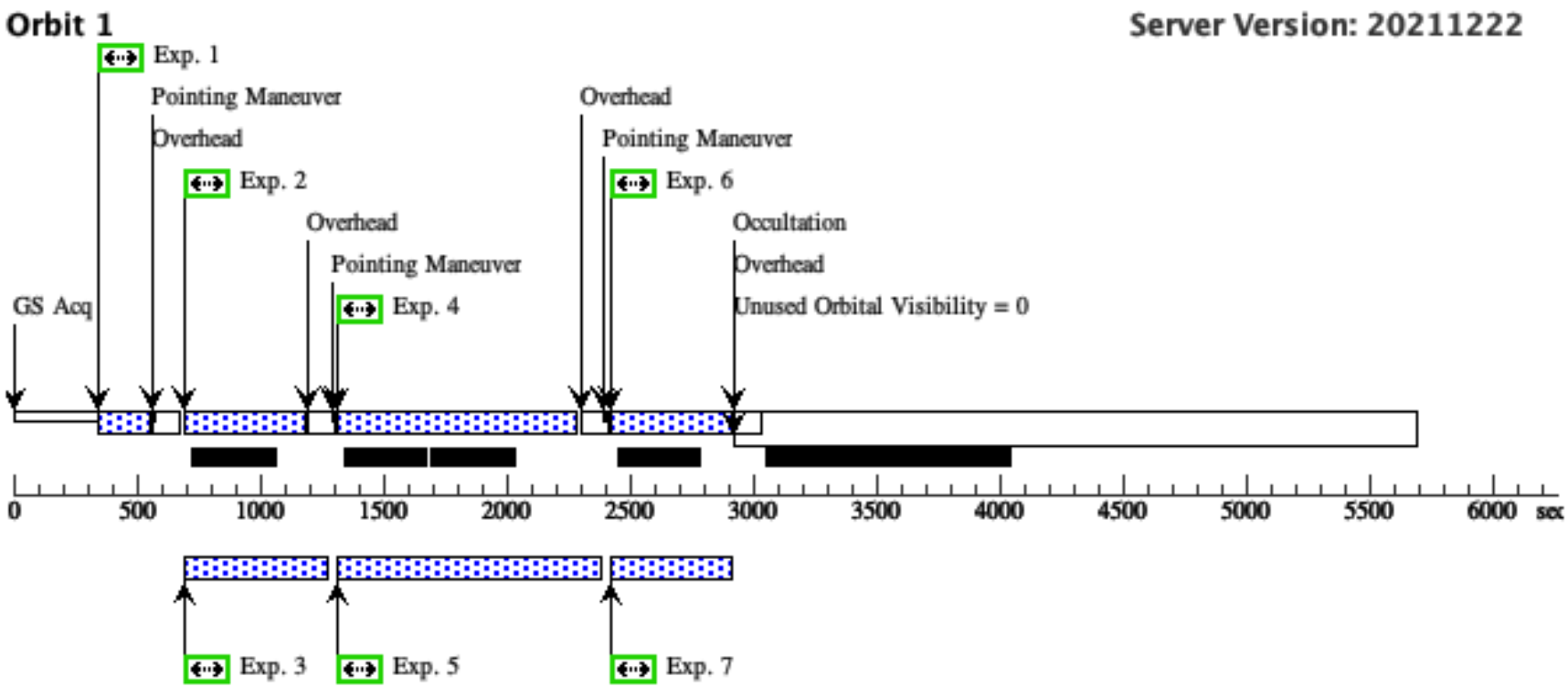
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-5272-M-3	RA: 13 41 39.1937 (205.4133071d) Dec: +28 33 36.61 (28.56017d) Equinox: J2000	Proper Motion RA: -4.273517115758143E-4 sec of time/yr Proper Motion Dec: -0.00612999990607932 arcsec/yr Epoch of Position: 2015.5	V=6.39	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) NGC-5272-M-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG 5.75868, 0.59407; GS ACQ SCENARIO BASE1B3		200 Secs (178 Secs) *[==>178.0 Secs]*	***[1]***
2		(1) NGC-5272-M-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG 3.83783, -2.00683	Prime + Parallel Group 2-3 in NGC5272_M3_V03 (03)	900 Secs (465 Secs) *[==>465.0 Secs]*	***[1]***
3		(1) NGC-5272-M-3	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 2-3 in NGC5272_M3_V03 (03)	800 Secs (377 Secs) *[==>377.0 Secs]*	***[1]***
4		(1) NGC-5272-M-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 0,0	Prime + Parallel Group 4-5 in NGC5272_M3_V03 (03)	900 Secs (950 Secs) *[==>950.0 Secs]*	***[1]***
5		(1) NGC-5272-M-3	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 4-5 in NGC5272_M3_V03 (03)	800 Secs (923 Secs) *[==>923 Secs]*	***[1]***
6		(1) NGC-5272-M-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG 1.28186, 4.13680	Prime + Parallel Group 6-7 in NGC5272_M3_V03 (03)	900 Secs (468 Secs) *[==>468.0 Secs]*	***[1]***
7		(1) NGC-5272-M-3	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 6-7 in NGC5272_M3_V03 (03)	800 Secs (343 Secs) *[==>343.0 Secs]*	***[1]***

Orbit Structure



Visit

Proposal 15857, NGC5272_M3_V04 (04), completed Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: ACS/WFC

Special Requirements: ORIENT 350D TO 10 D; ORIENT 170D TO 190 D

Diagnostics

(NGC5272_M3_V04 (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

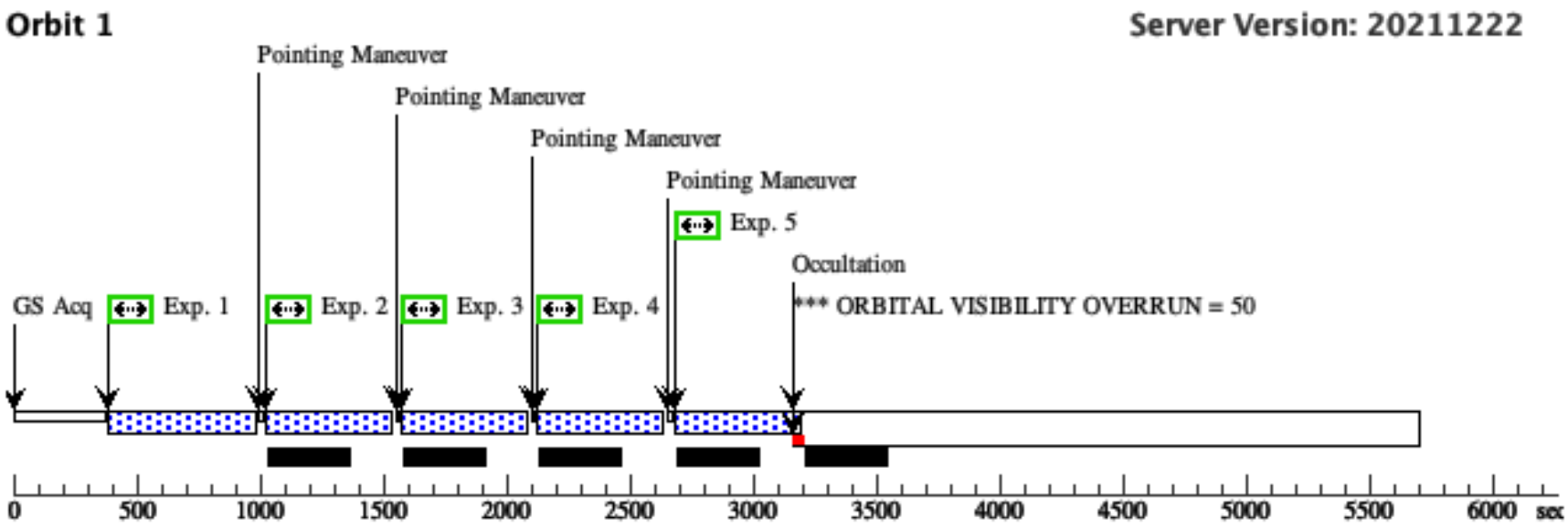
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-5272-M-3	RA: 13 41 39.1937 (205.4133071d) Dec: +28 33 36.61 (28.56017d) Equinox: J2000	Proper Motion RA: -4.273517115758143E-4 sec of time/yr Proper Motion Dec: -0.00612999990607932 arcsec/yr Epoch of Position: 2015.5	V=6.39	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) NGC-5272-M-3	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 5.83549, -5.88326		337 Secs (390 Secs) *[==>390 Secs]*	***[1]***
2		(1) NGC-5272-M-3	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.50129,-3.52996		337 Secs (389 Secs) *[==>389.0 Secs]*	***[1]***
3		(1) NGC-5272-M-3	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0,0		337 Secs (389 Secs) *[==>389.0 Secs]*	***[1]***
4		(1) NGC-5272-M-3	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.50129, 3.52996		337 Secs (390 Secs) *[==>390.0 Secs]*	***[1]***
5		(1) NGC-5272-M-3	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -5.83549,5.88326		337 Secs (390 Secs) *[==>390.0 Secs]*	***[1]***

Orbit Structure



Visit

Proposal 15857, NGC5272_M3_V05 (05), completed Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: ACS/WFC

Special Requirements: ORIENT 350D TO 10 D; ORIENT 170D TO 190 D

Diagnostics

(NGC5272_M3_V05 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

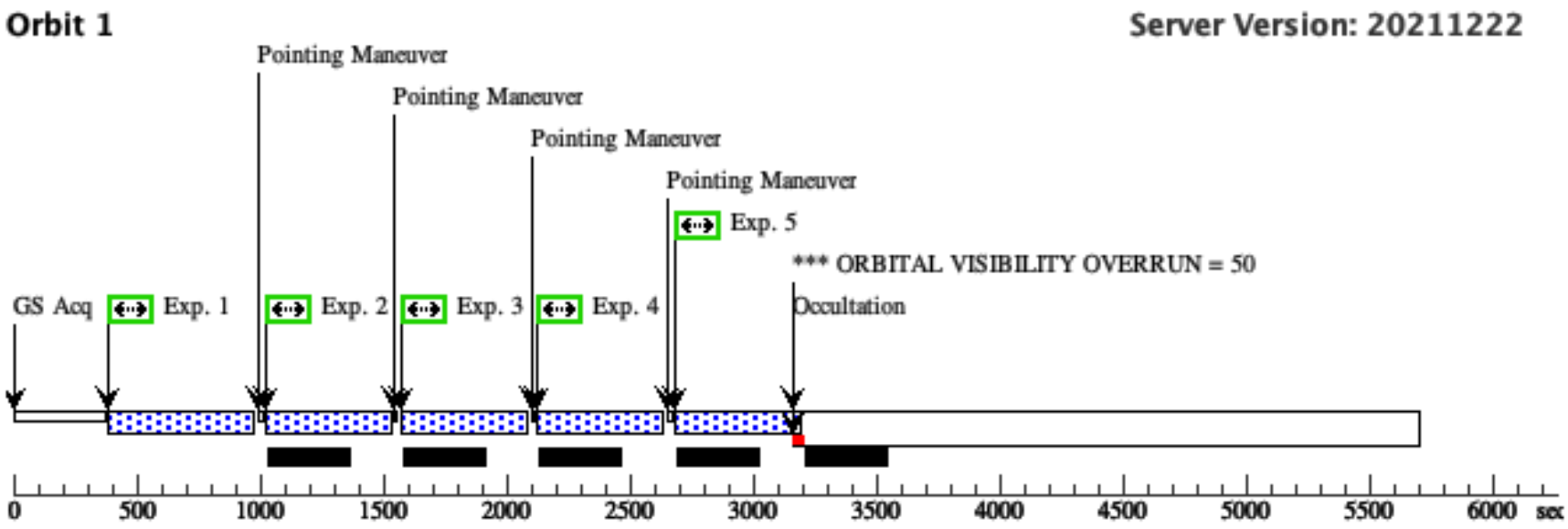
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	NGC-5272-M-3	RA: 13 41 39.1937 (205.4133071d) Dec: +28 33 36.61 (28.56017d) Equinox: J2000	Proper Motion RA: -4.273517115758143E-4 sec of time/yr Proper Motion Dec: -0.00612999990607932 arcsec/yr Epoch of Position: 2015.5	V=6.39	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) NGC-5272-M-3	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 5.88049 ,-5.83826		337 Secs (389 Secs) *[==>389.0 Secs]*	 ***[1]***
2		(1) NGC-5272-M-3	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.4562 9,-3.48496		337 Secs (389 Secs) *[==>389.0 Secs]*	 ***[1]***
3		(1) NGC-5272-M-3	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.04500, 0.04500		337 Secs (390 Secs) *[==>390 Secs]*	 ***[1]***
4		(1) NGC-5272-M-3	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.54629, 3.57496		337 Secs (390 Secs) *[==>390 Secs]*	 ***[1]***
5		(1) NGC-5272-M-3	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -5.7904 9,5.92826		337 Secs (390 Secs) *[==>390 Secs]*	 ***[1]***

Orbit Structure



Visit

Proposal 15857, NGC6341_M92_V06 (06), scheduling Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 236D TO 246 D

Diagnostics

(NGC6341_M92_V06 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(Exposure 1 (NGC6341_M92_V06 (06))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC6341_M92_V06 (06))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC6341_M92_V06 (06))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC6341_M92_V06 (06))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

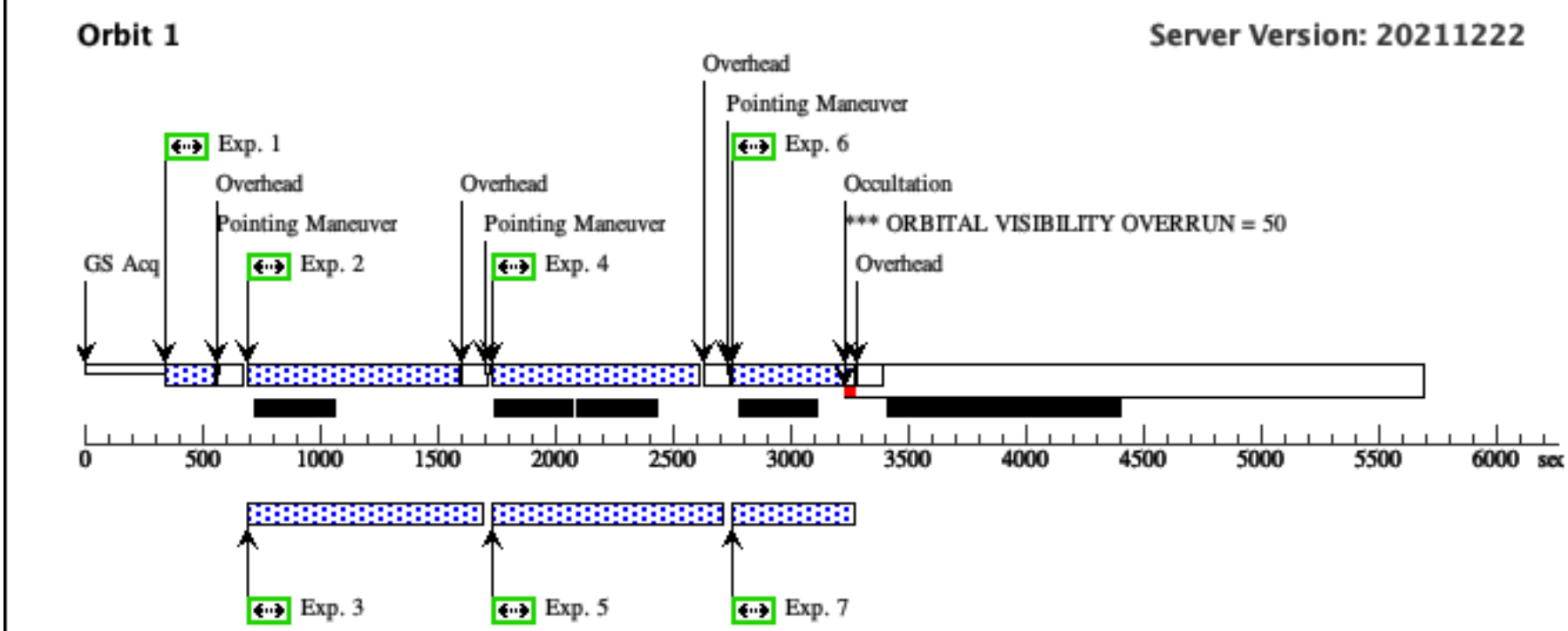
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	NGC-6341-M-92	RA: 17 16 45.9568 (259.1914867d) Dec: +43 07 59.63 (43.13323d) Equinox: J2000	Proper Motion RA: -6.038734381650626E-4 sec of time/yr Proper Motion Dec: -0.0021200000219323556 arcsec/yr Epoch of Position: 2015.5	V=6.52	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(2) NGC-6341-M-92	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG -4.48069,-3.66588		200 Secs (175 Secs) *[==>175.0 Secs]*	*[1]*
2		(2) NGC-6341-M-92	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -7.67953,-3.19496	Prime + Parallel Group 2-3 in NGC6341_M92_V06 (06)	900 Secs (883 Secs) *[==>883.0 Secs]*	*[1]*
3		(2) NGC-6341-M-92	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 2-3 in NGC6341_M92_V06 (06)	800 Secs (795 Secs) *[==>795.0 Secs]*	*[1]*
4		(2) NGC-6341-M-92	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 1.91697,-4.60772	Prime + Parallel Group 4-5 in NGC6341_M92_V06 (06)	900 Secs (883 Secs) *[==>883.0 Secs]*	*[1]*
5		(2) NGC-6341-M-92	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 4-5 in NGC6341_M92_V06 (06)	800 Secs (856 Secs) *[==>856.0 Secs]*	*[1]*
6		(2) NGC-6341-M-92	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG -1.28186,-4.13680	Prime + Parallel Group 6-7 in NGC6341_M92_V06 (06)	900 Secs (499 Secs) *[==>499.0 Secs]*	*[1]*
7		(2) NGC-6341-M-92	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 6-7 in NGC6341_M92_V06 (06)	800 Secs (374 Secs) *[==>374.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 15857, NGC6341_M92_V07 (07), scheduling Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 236D TO 246 D

Diagnostics

(NGC6341_M92_V07 (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(Exposure 1 (NGC6341_M92_V07 (07))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC6341_M92_V07 (07))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC6341_M92_V07 (07))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC6341_M92_V07 (07))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

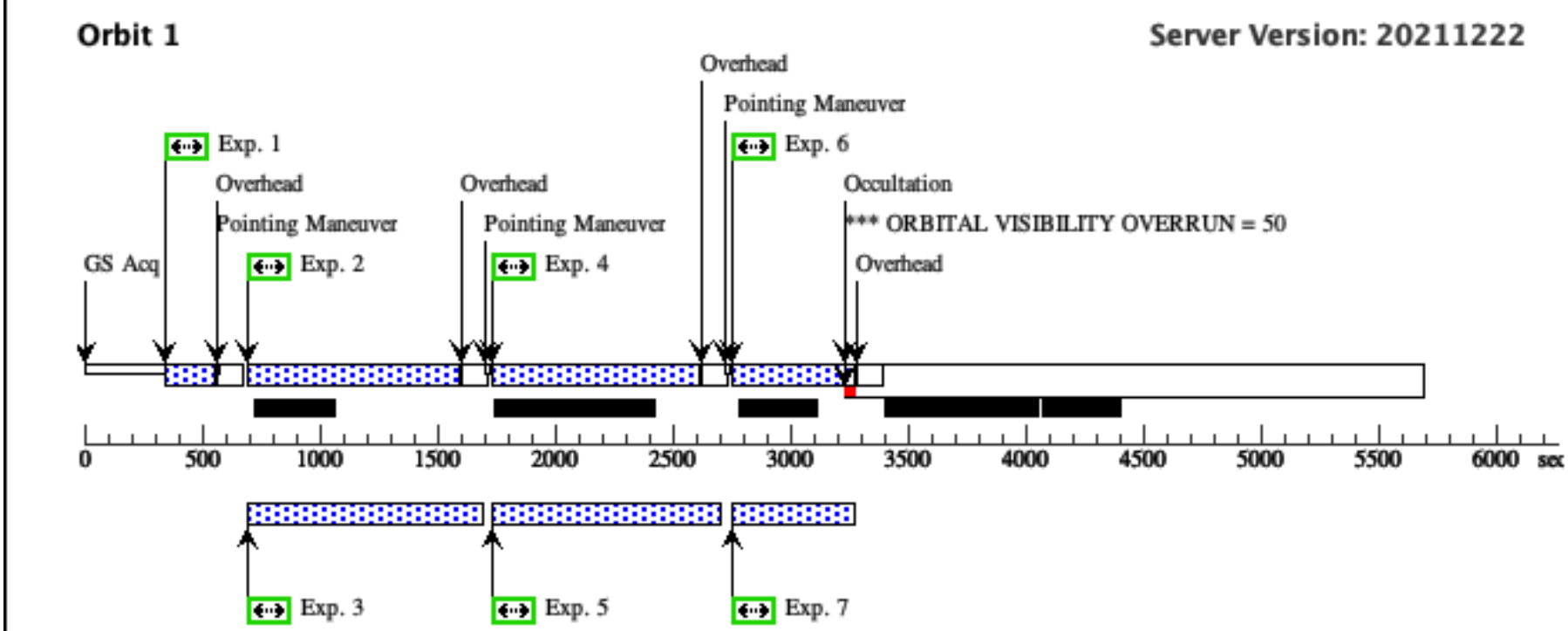
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	NGC-6341-M-92	RA: 17 16 45.9568 (259.1914867d) Dec: +43 07 59.63 (43.13323d) Equinox: J2000	Proper Motion RA: -6.038734381650626E-4 sec of time/yr Proper Motion Dec: -0.0021200000219323556 arcsec/yr Epoch of Position: 2015.5	V=6.52	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(2) NGC-6341-M-92	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG -0.63899, 1.53591		200 Secs (175 Secs) *[==>175.0 Secs]*	 ***[1]***
2		(2) NGC-6341-M-92	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -1.91697, 4.60772	Prime + Parallel Group 2-3 in NGC6341_M92_V07 (07)	900 Secs (883 Secs) *[==>883 Secs]*	 ***[1]***
3		(2) NGC-6341-M-92	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 2-3 in NGC6341_M92_V07 (07)	800 Secs (790 Secs) *[==>790.0 Secs]*	 ***[1]***
4		(2) NGC-6341-M-92	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 7.67953,3.19496	Prime + Parallel Group 4-5 in NGC6341_M92_V07 (07)	900 Secs (883 Secs) *[==>883 Secs]*	 ***[1]***
5		(2) NGC-6341-M-92	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 4-5 in NGC6341_M92_V07 (07)	800 Secs (850 Secs) *[==>850.0 Secs]*	 ***[1]***
6		(2) NGC-6341-M-92	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG -3.83783,2.00683	Prime + Parallel Group 6-7 in NGC6341_M92_V07 (07)	900 Secs (496 Secs) *[==>496.0 Secs]*	 ***[1]***
7		(2) NGC-6341-M-92	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 6-7 in NGC6341_M92_V07 (07)	800 Secs (376 Secs) *[==>376.0 Secs]*	 ***[1]***

Orbit Structure



Visit

Proposal 15857, NGC6341_M92_V08 (08), scheduling Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 236D TO 246 D

Diagnostics

(NGC6341_M92_V08 (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(Exposure 1 (NGC6341_M92_V08 (08))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC6341_M92_V08 (08))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC6341_M92_V08 (08))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC6341_M92_V08 (08))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

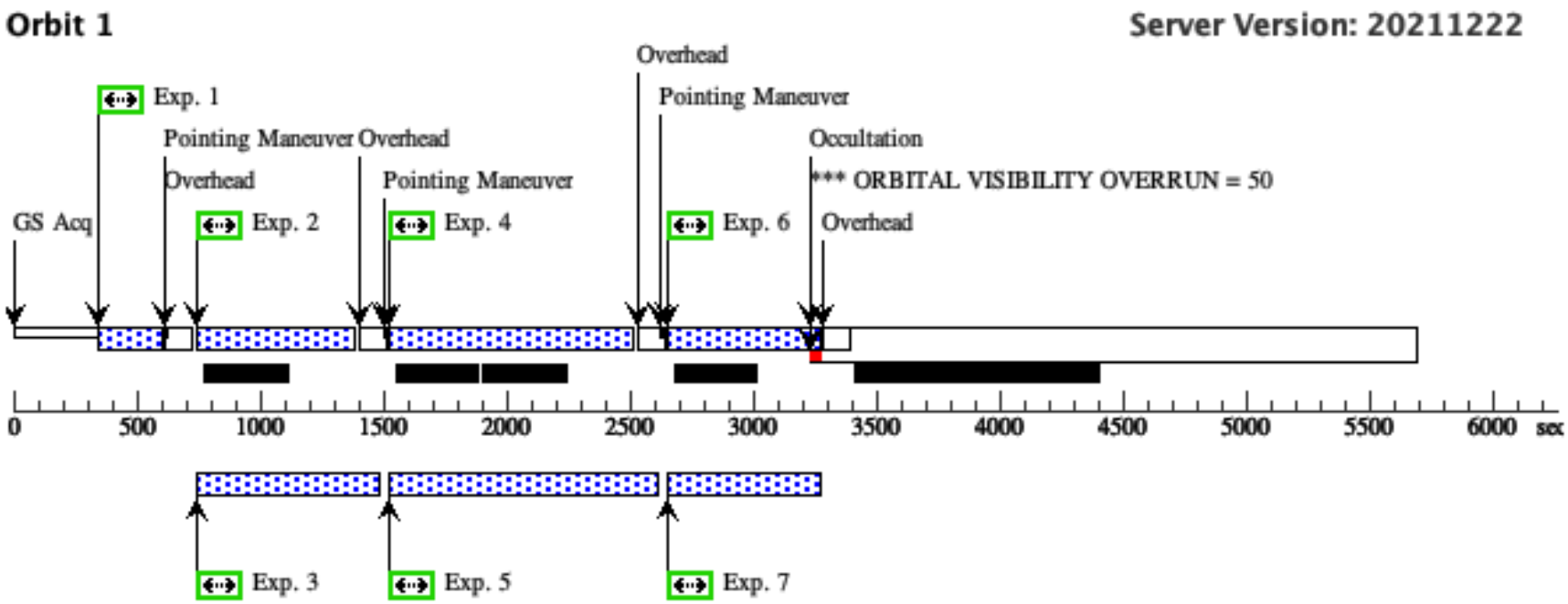
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	NGC-6341-M-92	RA: 17 16 45.9568 (259.1914867d) Dec: +43 07 59.63 (43.13323d) Equinox: J2000	Proper Motion RA: -6.038734381650626E-4 sec of time/yr Proper Motion Dec: -0.0021200000219323556 arcsec/yr Epoch of Position: 2015.5	V=6.52	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(2) NGC-6341-M-92	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG 5.75868, 0.59407		200 Secs (228 Secs) *[==>228.0 Secs]*	***[1]***
2		(2) NGC-6341-M-92	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG 3.83783, -2.00683	Prime + Parallel Group 2-3 in NGC6341_M92_V08 (08)	900 Secs (624 Secs) *[==>624 Secs]*	***[1]***
3		(2) NGC-6341-M-92	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 2-3 in NGC6341_M92_V08 (08)	800 Secs (538 Secs) *[==>538.0 Secs]*	***[1]***
4		(2) NGC-6341-M-92	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 0,0	Prime + Parallel Group 4-5 in NGC6341_M92_V08 (08)	900 Secs (969 Secs) *[==>969.0 Secs]*	***[1]***
5		(2) NGC-6341-M-92	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 4-5 in NGC6341_M92_V08 (08)	800 Secs (942 Secs) *[==>942.0 Secs]*	***[1]***
6		(2) NGC-6341-M-92	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG 1.28186, 4.13680	Prime + Parallel Group 6-7 in NGC6341_M92_V08 (08)	900 Secs (600 Secs) *[==>600.0 Secs]*	***[1]***
7		(2) NGC-6341-M-92	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 6-7 in NGC6341_M92_V08 (08)	800 Secs (475 Secs) *[==>475.0 Secs]*	***[1]***

Orbit Structure



Visit

Proposal 15857, NGC6341_M92_V09 (09), completed Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: ACS/WFC

Special Requirements: ORIENT 9D TO 19 D; ORIENT 189D TO 199 D

Diagnostics

(NGC6341_M92_V09 (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

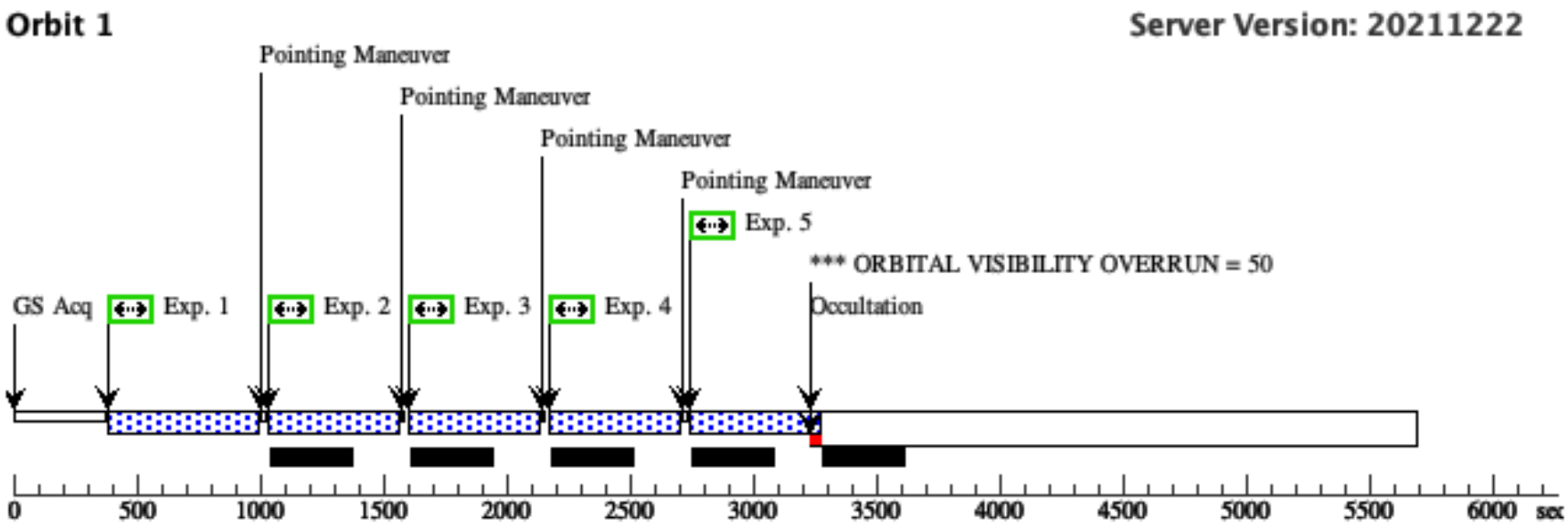
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	NGC-6341-M-92	RA: 17 16 45.9568 (259.1914867d) Dec: +43 07 59.63 (43.13323d) Equinox: J2000	Proper Motion RA: -6.038734381650626E-4 sec of time/yr Proper Motion Dec: -0.0021200000219323556 arcsec/yr Epoch of Position: 2015.5	V=6.52	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(2) NGC-6341-M-92	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 5.83549, -5.88326		337 Secs (404 Secs) *[==>404.0 Secs]*	 ***[1]***
2		(2) NGC-6341-M-92	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.50129 ,-3.52996		337 Secs (404 Secs) *[==>404.0 Secs]*	 ***[1]***
3		(2) NGC-6341-M-92	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0,0		337 Secs (404 Secs) *[==>404.0 Secs]*	 ***[1]***
4		(2) NGC-6341-M-92	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.50129, 3.52996		337 Secs (404 Secs) *[==>404.0 Secs]*	 ***[1]***
5		(2) NGC-6341-M-92	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -5.83549,5.88326		337 Secs (405 Secs) *[==>405.0 Secs]*	 ***[1]***

Orbit Structure



Visit

Proposal 15857, NGC6341_M92_V10 (10), completed Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: ACS/WFC

Special Requirements: ORIENT 9D TO 19 D; ORIENT 189D TO 199 D

Diagnostics

(NGC6341_M92_V10 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

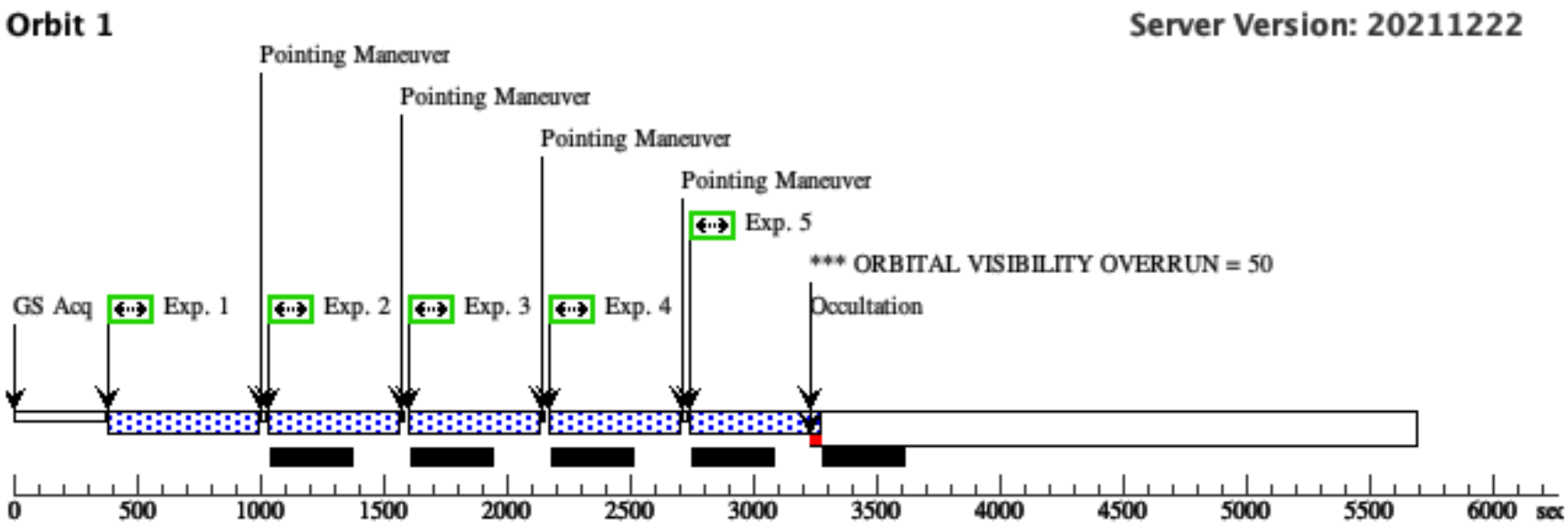
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	NGC-6341-M-92	RA: 17 16 45.9568 (259.1914867d) Dec: +43 07 59.63 (43.13323d) Equinox: J2000	Proper Motion RA: -6.038734381650626E-4 sec of time/yr Proper Motion Dec: -0.0021200000219323556 arcsec/yr Epoch of Position: 2015.5	V=6.52	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(2) NGC-6341-M-92	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 5.88049 ,-5.83826		337 Secs (404 Secs) *[==>404.0 Secs]*	 ***[1]***
2		(2) NGC-6341-M-92	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.45629,-3.48496		337 Secs (404 Secs) *[==>404.0 Secs]*	 ***[1]***
3		(2) NGC-6341-M-92	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.04500, 0.04500		337 Secs (404 Secs) *[==>404.0 Secs]*	 ***[1]***
4		(2) NGC-6341-M-92	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.54629, 3.57496		337 Secs (404 Secs) *[==>404.0 Secs]*	 ***[1]***
5		(2) NGC-6341-M-92	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -5.79049, 5.92826		337 Secs (405 Secs) *[==>405.0 Secs]*	 ***[1]***

Orbit Structure



Visit

Proposal 15857, NGC7078_M15_V11 (11), failed Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 79D TO 89 D

Diagnostics

(NGC7078_M15_V11 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(Exposure 1 (NGC7078_M15_V11 (11))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC7078_M15_V11 (11))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC7078_M15_V11 (11))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC7078_M15_V11 (11))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

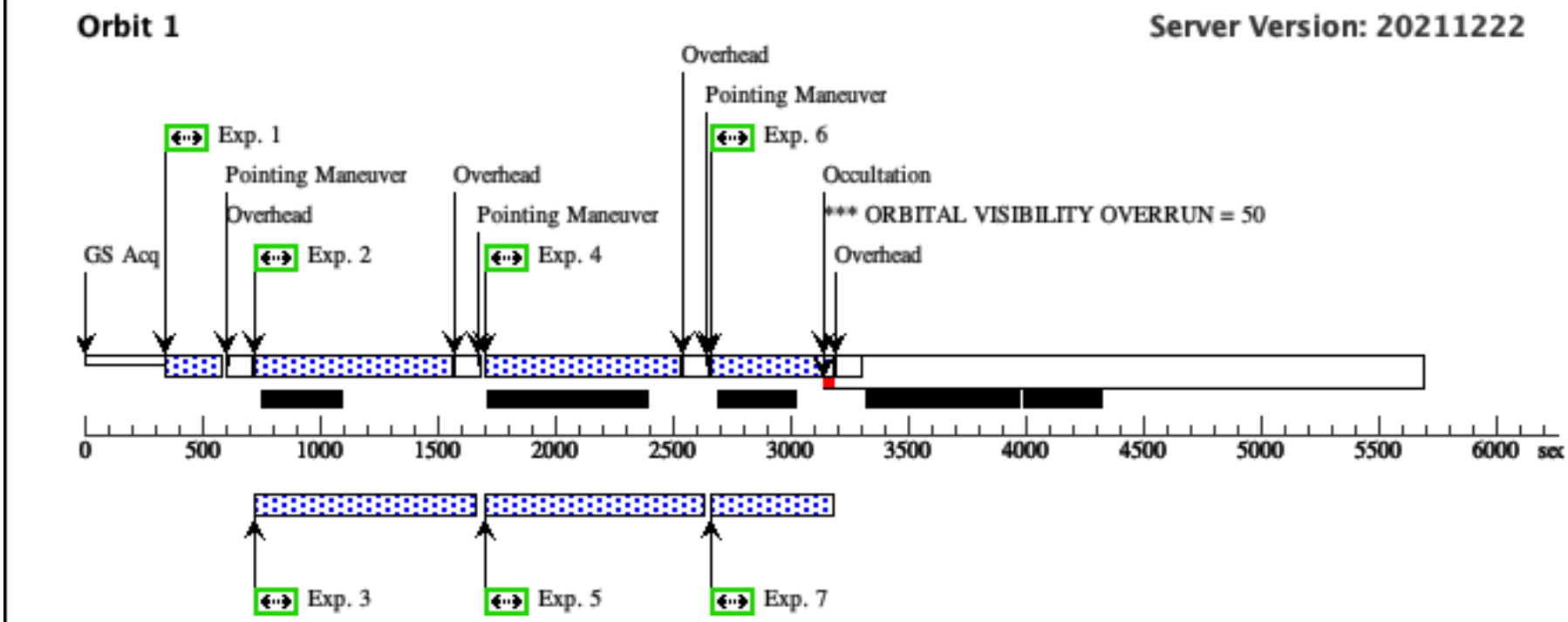
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	NGC-7078-M-15	RA: 21 30 16.6729 (322.5694704d) Dec: +12 06 23.36 (12.10649d) Equinox: J2000	Proper Motion RA: -3.137134395285233E-5 sec of time/yr Proper Motion Dec: -0.004979999926035816 arcsec/yr Epoch of Position: 2015.5	V=6.2	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(3) NGC-7078-M-15	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG -4.48069,-3.66588		200 Secs (210 Secs) *[==>210.0 Secs]*	***[1]***
2		(3) NGC-7078-M-15	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -1.28186,-4.13680	Prime + Parallel Group 2-3 in NGC7078_M15_V11 (11)	900 Secs (820 Secs) *[==>820.0 Secs]*	***[1]***
3		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 2-3 in NGC7078_M15_V11 (11)	800 Secs (731 Secs) *[==>731 Secs]*	***[1]***
4		(3) NGC-7078-M-15	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -5.75868,-0.59407	Prime + Parallel Group 4-5 in NGC7078_M15_V11 (11)	900 Secs (831 Secs) *[==>831.0 Secs]*	***[1]***
5		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 4-5 in NGC7078_M15_V11 (11)	800 Secs (804 Secs) *[==>804 Secs]*	***[1]***
6		(3) NGC-7078-M-15	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG -7.67953,-3.19496	Prime + Parallel Group 6-7 in NGC7078_M15_V11 (11)	900 Secs (496 Secs) *[==>496 Secs]*	***[1]***
7		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 6-7 in NGC7078_M15_V11 (11)	800 Secs (371 Secs) *[==>371.0 Secs]*	***[1]***

Orbit Structure



Visit

Proposal 15857, NGC7078_M15_V11 (51), failed Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 79D TO 89 D

Comments: This is a repeat of failed visit 11.

Diagnostics

(NGC7078_M15_V11 (51)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(Exposure 1 (NGC7078_M15_V11 (51))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC7078_M15_V11 (51))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC7078_M15_V11 (51))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC7078_M15_V11 (51))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

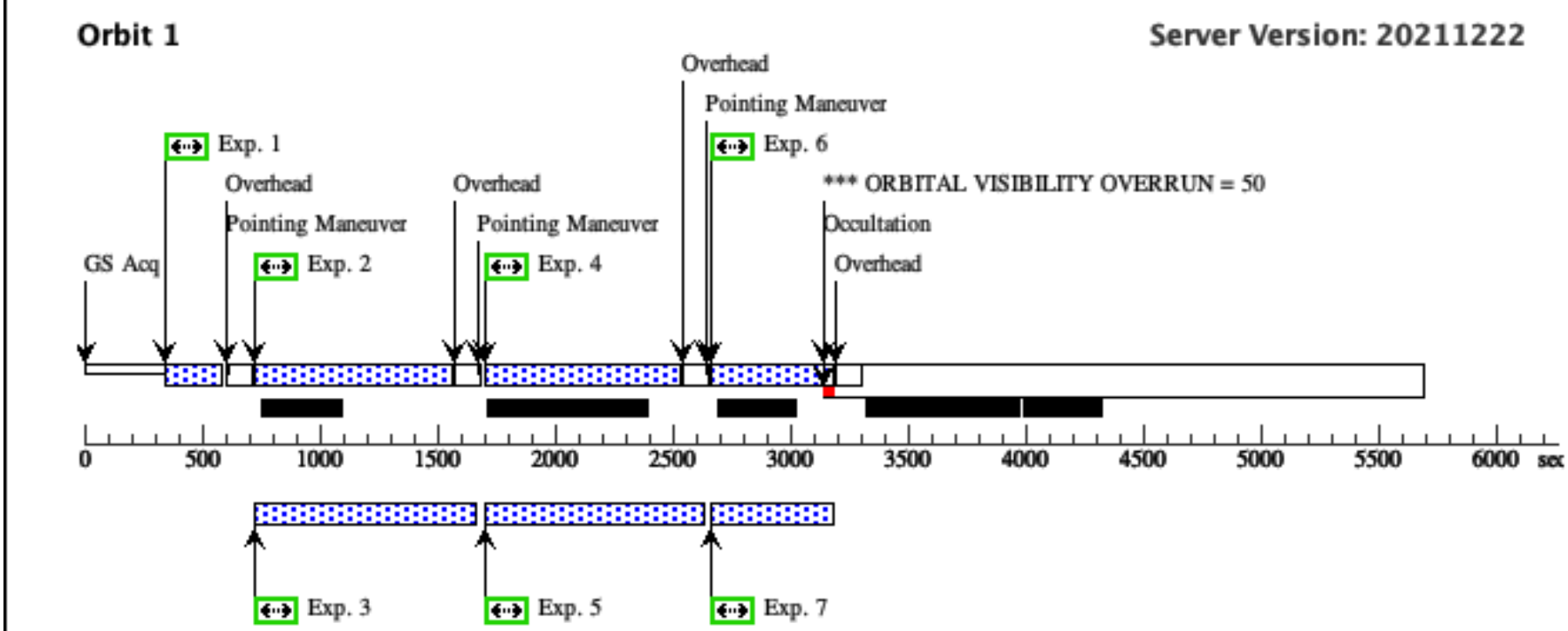
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	NGC-7078-M-15	RA: 21 30 16.6729 (322.5694704d) Dec: +12 06 23.36 (12.10649d) Equinox: J2000	Proper Motion RA: -3.137134395285233E-5 sec of time/yr Proper Motion Dec: -0.004979999926035816 arcsec/yr Epoch of Position: 2015.5	V=6.2	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(3) NGC-7078-M-15	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG -4.48069,-3.66588		200 Secs (210 Secs) *[==>210.0 Secs]*	***[1]***
2		(3) NGC-7078-M-15	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -1.28186,-4.13680	Prime + Parallel Group 2-3 in NGC7078_M15_V11 (51)	900 Secs (820 Secs) *[==>820.0 Secs]*	***[1]***
3		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 2-3 in NGC7078_M15_V11 (51)	800 Secs (731 Secs) *[==>731 Secs]*	***[1]***
4		(3) NGC-7078-M-15	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -5.75868,-0.59407	Prime + Parallel Group 4-5 in NGC7078_M15_V11 (51)	900 Secs (831 Secs) *[==>831.0 Secs]*	***[1]***
5		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 4-5 in NGC7078_M15_V11 (51)	800 Secs (804 Secs) *[==>804 Secs]*	***[1]***
6		(3) NGC-7078-M-15	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG -7.67953,-3.19496	Prime + Parallel Group 6-7 in NGC7078_M15_V11 (51)	900 Secs (496 Secs) *[==>496 Secs]*	***[1]***
7		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 6-7 in NGC7078_M15_V11 (51)	800 Secs (371 Secs) *[==>371.0 Secs]*	***[1]***

Orbit Structure



Visit

Proposal 15857, NGC7078_M15_V11 (61), completed Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 79D TO 89 D

Comments: This is a repeat of failed visit 51.

Diagnostics

(Primary Exposure 1 (Prime + Parallel Group 1-2 in NGC7078_M15_V11 (61))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

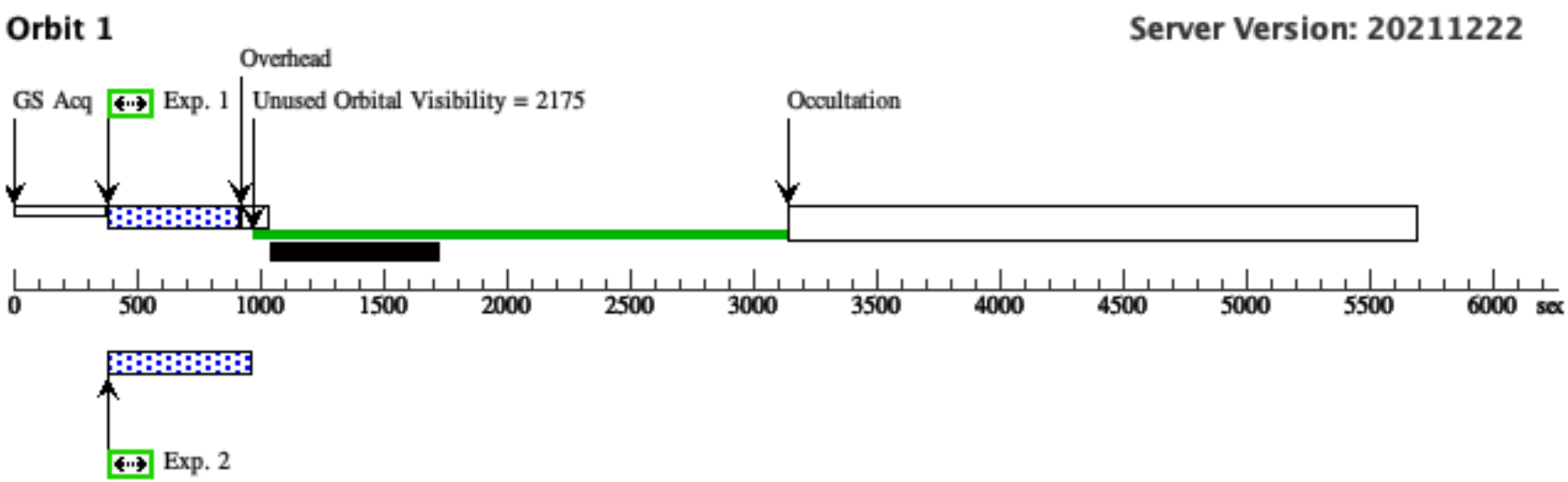
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	NGC-7078-M-15	RA: 21 30 16.6729 (322.5694704d) Dec: +12 06 23.36 (12.10649d) Equinox: J2000	Proper Motion RA: -3.137134395285233E-5 sec of time/yr Proper Motion Dec: -0.004979999926035816 arcsec/yr Epoch of Position: 2015.5	V=6.2	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(3) NGC-7078-M-15	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG -7.67953,-3.19496	Prime + Parallel Group 1-2 in NGC7078_M15_V11 (61)	900 Secs (496 Secs) *[==>496 Secs]*	*[1]*
2		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in NGC7078_M15_V11 (61)	800 Secs (371 Secs) *[==>371.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 15857, NGC7078_M15_V12 (12), completed Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 79D TO 89 D

Diagnostics

(NGC7078_M15_V12 (12)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(Exposure 1 (NGC7078_M15_V12 (12))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC7078_M15_V12 (12))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC7078_M15_V12 (12))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC7078_M15_V12 (12))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

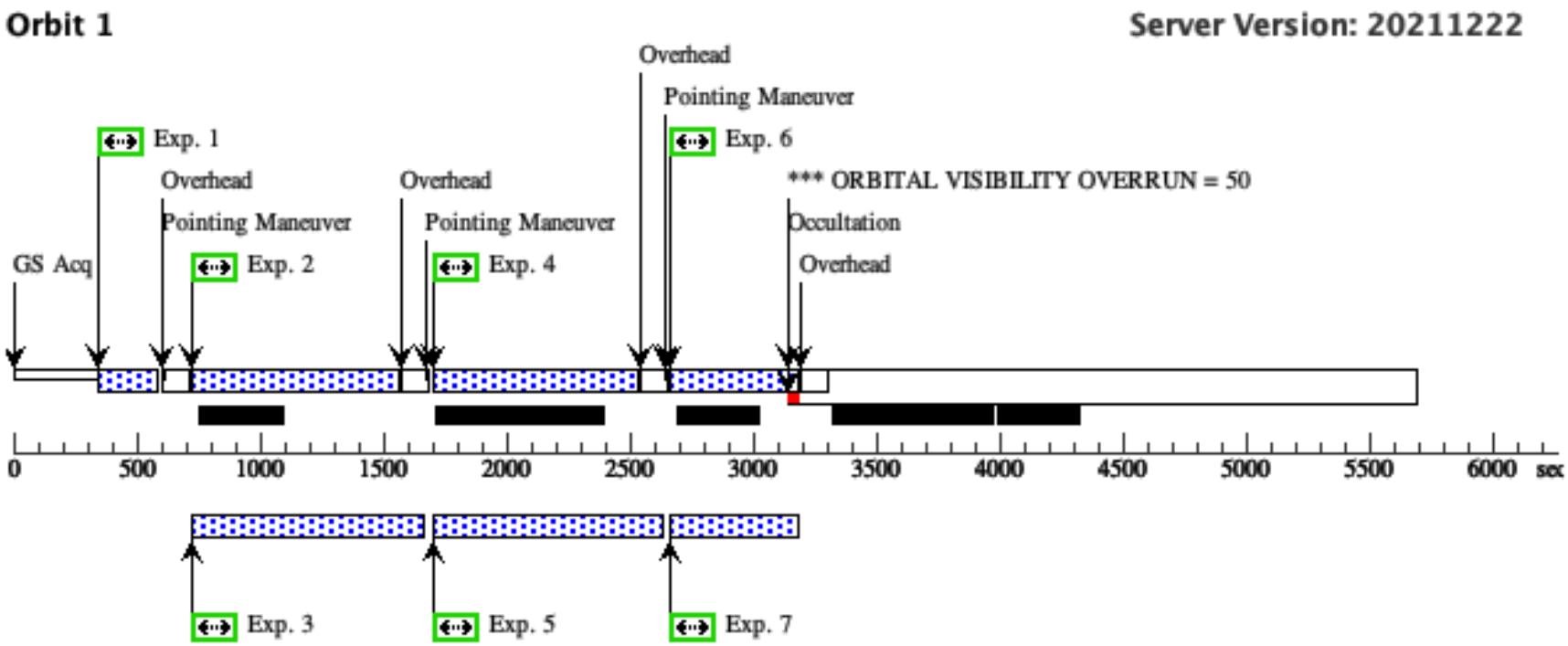
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	NGC-7078-M-15	RA: 21 30 16.6729 (322.5694704d) Dec: +12 06 23.36 (12.10649d) Equinox: J2000	Proper Motion RA: -3.137134395285233E-5 sec of time/yr Proper Motion Dec: -0.004979999926035816 arcsec/yr Epoch of Position: 2015.5	V=6.2	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(3) NGC-7078-M-15	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG 0.63899, -1.53591		200 Secs (210 Secs) *[==>210.0 Secs]*	*[1]*
2		(3) NGC-7078-M-15	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -2.55984,-1.06499	Prime + Parallel Group 2-3 in NGC7078_M15_V12 (12)	900 Secs (820 Secs) *[==>820.0 Secs]*	*[1]*
3		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 2-3 in NGC7078_M15_V12 (12)	800 Secs (730 Secs) *[==>730 Secs]*	*[1]*
4		(3) NGC-7078-M-15	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 3.83783,-2.00683	Prime + Parallel Group 4-5 in NGC7078_M15_V12 (12)	900 Secs (831 Secs) *[==>831.0 Secs]*	*[1]*
5		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 4-5 in NGC7078_M15_V12 (12)	800 Secs (804 Secs) *[==>804 Secs]*	*[1]*
6		(3) NGC-7078-M-15	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG 1.91697, -4.60772	Prime + Parallel Group 6-7 in NGC7078_M15_V12 (12)	900 Secs (496 Secs) *[==>496 Secs]*	*[1]*
7		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 6-7 in NGC7078_M15_V12 (12)	800 Secs (371 Secs) *[==>371.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 15857, NGC7078_M15_V13 (13), completed Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 79D TO 89 D

Diagnostics

(NGC7078_M15_V13 (13)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(Exposure 1 (NGC7078_M15_V13 (13))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC7078_M15_V13 (13))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC7078_M15_V13 (13))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC7078_M15_V13 (13))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

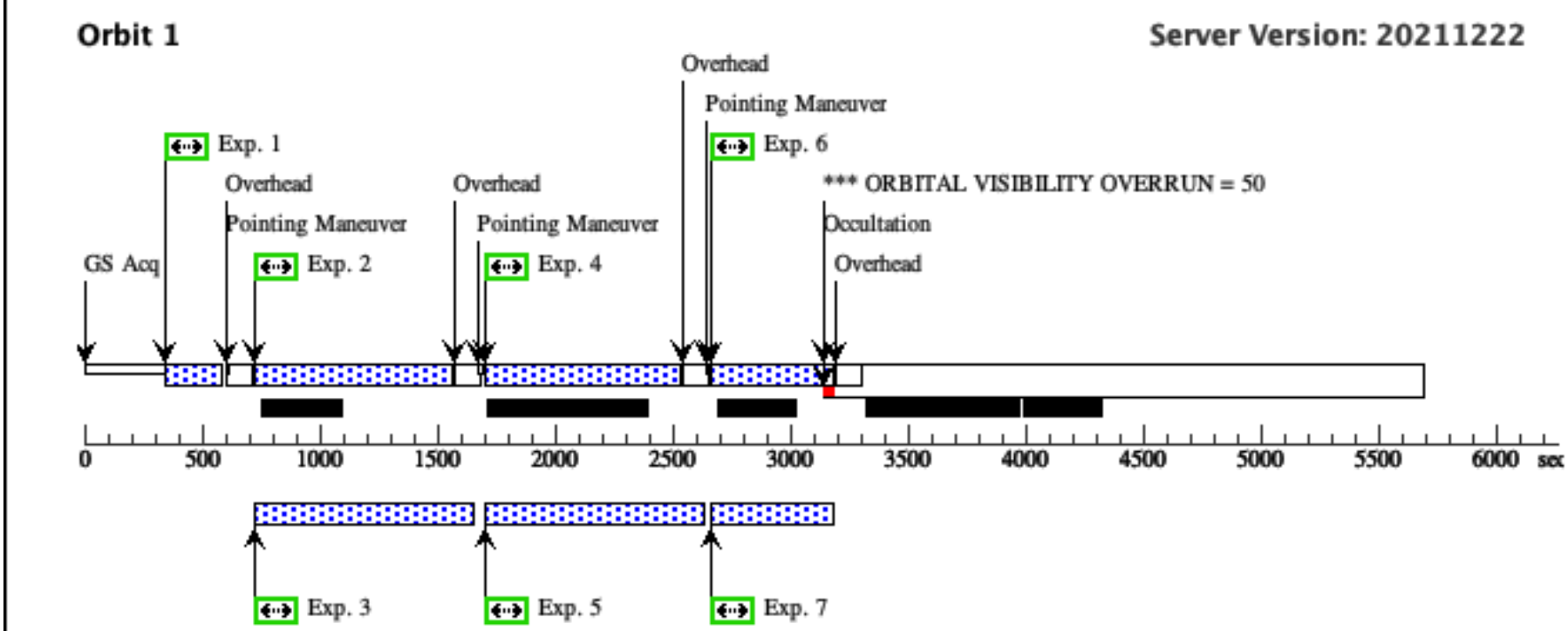
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	NGC-7078-M-15	RA: 21 30 16.6729 (322.5694704d) Dec: +12 06 23.36 (12.10649d) Equinox: J2000	Proper Motion RA: -3.137134395285233E-5 sec of time/yr Proper Motion Dec: -0.004979999926035816 arcsec/yr Epoch of Position: 2015.5	V=6.2	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(3) NGC-7078-M-15	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG -0.63899, 1.53591		200 Secs (210 Secs) *[==>210.0 Secs]*	***[1]***
2		(3) NGC-7078-M-15	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -3.83783,-3.83783	Prime + Parallel Group 2-3 in NGC7078_M15_V13 (13)	900 Secs (820 Secs) *[==>820.0 Secs]*	***[1]***
3		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 2-3 in NGC7078_M15_V13 (13)	800 Secs (728 Secs) *[==>728 Secs]*	***[1]***
4		(3) NGC-7078-M-15	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 1.28186, 4.13680	Prime + Parallel Group 4-5 in NGC7078_M15_V13 (13)	900 Secs (831 Secs) *[==>831.0 Secs]*	***[1]***
5		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 4-5 in NGC7078_M15_V13 (13)	800 Secs (804 Secs) *[==>804 Secs]*	***[1]***
6		(3) NGC-7078-M-15	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG -1.91697,4.60772	Prime + Parallel Group 6-7 in NGC7078_M15_V13 (13)	900 Secs (496 Secs) *[==>496 Secs]*	***[1]***
7		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 6-7 in NGC7078_M15_V13 (13)	800 Secs (371 Secs) *[==>371.0 Secs]*	***[1]***

Orbit Structure



Visit

Proposal 15857, NGC7078_M15_V14 (14), completed Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 79D TO 89 D

Diagnostics

(NGC7078_M15_V14 (14)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(Exposure 1 (NGC7078_M15_V14 (14))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC7078_M15_V14 (14))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC7078_M15_V14 (14))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC7078_M15_V14 (14))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

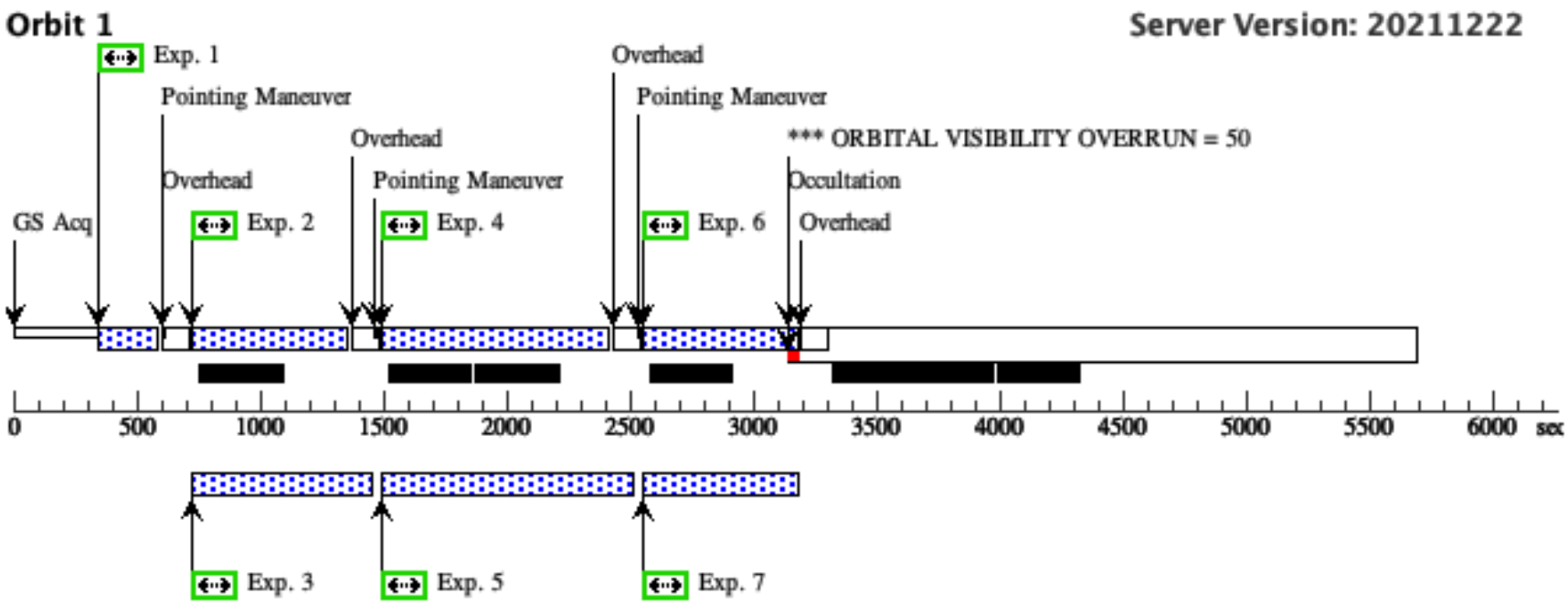
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	NGC-7078-M-15	RA: 21 30 16.6729 (322.5694704d) Dec: +12 06 23.36 (12.10649d) Equinox: J2000	Proper Motion RA: -3.137134395285233E-5 sec of time/yr Proper Motion Dec: -0.004979999926035816 arcsec/yr Epoch of Position: 2015.5	V=6.2	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(3) NGC-7078-M-15	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG 5.75868, 0.59407		200 Secs (214 Secs) *[==>214.0 Secs]*	*[1]*
2		(3) NGC-7078-M-15	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG 0.00000, 0.00000	Prime + Parallel Group 2-3 in NGC7078_M15_V14 (14)	900 Secs (610 Secs) *[==>610.0 Secs]*	*[1]*
3		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 2-3 in NGC7078_M15_V14 (14)	800 Secs (521 Secs) *[==>521.0 Secs]*	*[1]*
4		(3) NGC-7078-M-15	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 4.48069, 3.66588	Prime + Parallel Group 4-5 in NGC7078_M15_V14 (14)	900 Secs (900 Secs) *[==>900 Secs]*	*[1]*
5		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 4-5 in NGC7078_M15_V14 (14)	800 Secs (875 Secs) *[==>875 Secs]*	*[1]*
6		(3) NGC-7078-M-15	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG 7.67953, 3.19496	Prime + Parallel Group 6-7 in NGC7078_M15_V14 (14)	900 Secs (610 Secs) *[==>610.0 Secs]*	*[1]*
7		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 6-7 in NGC7078_M15_V14 (14)	800 Secs (485 Secs) *[==>485.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 15857, NGC7078_M15_V15 (15), completed Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: ACS/WFC

Special Requirements: ORIENT 327D TO 337 D; ORIENT 147D TO 157 D

Diagnostics

(NGC7078_M15_V15 (15)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

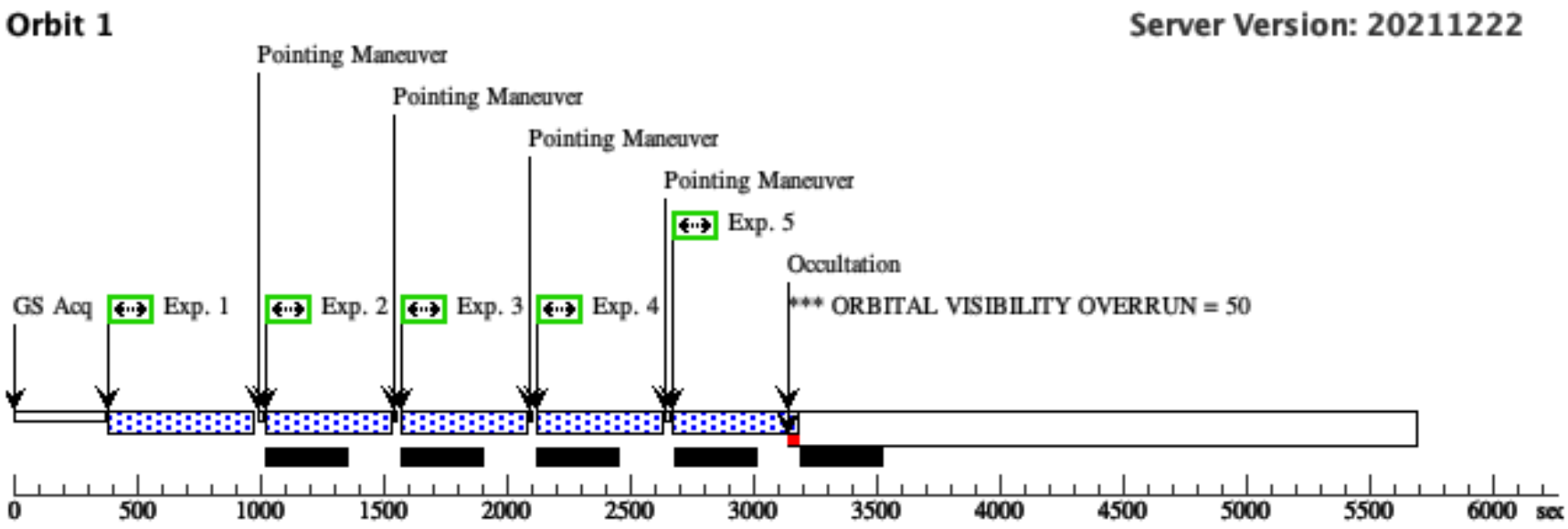
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	NGC-7078-M-15	RA: 21 30 16.6729 (322.5694704d) Dec: +12 06 23.36 (12.10649d) Equinox: J2000	Proper Motion RA: -3.137134395285233E-5 sec of time/yr Proper Motion Dec: -0.004979999926035816 arcsec/yr Epoch of Position: 2015.5	V=6.2	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 5.83549 ,-5.88326		337 Secs (387 Secs) *[==>387.0 Secs]*	***[1]***
2		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.5012 9,-3.52996		337 Secs (387 Secs) *[==>387.0 Secs]*	***[1]***
3		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.00000, 0.00000		337 Secs (386 Secs) *[==>386.0 Secs]*	***[1]***
4		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.50129 ,3.52996		337 Secs (386 Secs) *[==>386.0 Secs]*	***[1]***
5		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -5.8354 9 ,5.88326		337 Secs (386 Secs) *[==>386.0 Secs]*	***[1]***

Orbit Structure



Visit

Proposal 15857, NGC7078_M15_V16 (16), completed Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: ACS/WFC

Special Requirements: ORIENT 327D TO 337 D; ORIENT 147D TO 157 D

Diagnostics

(NGC7078_M15_V16 (16)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

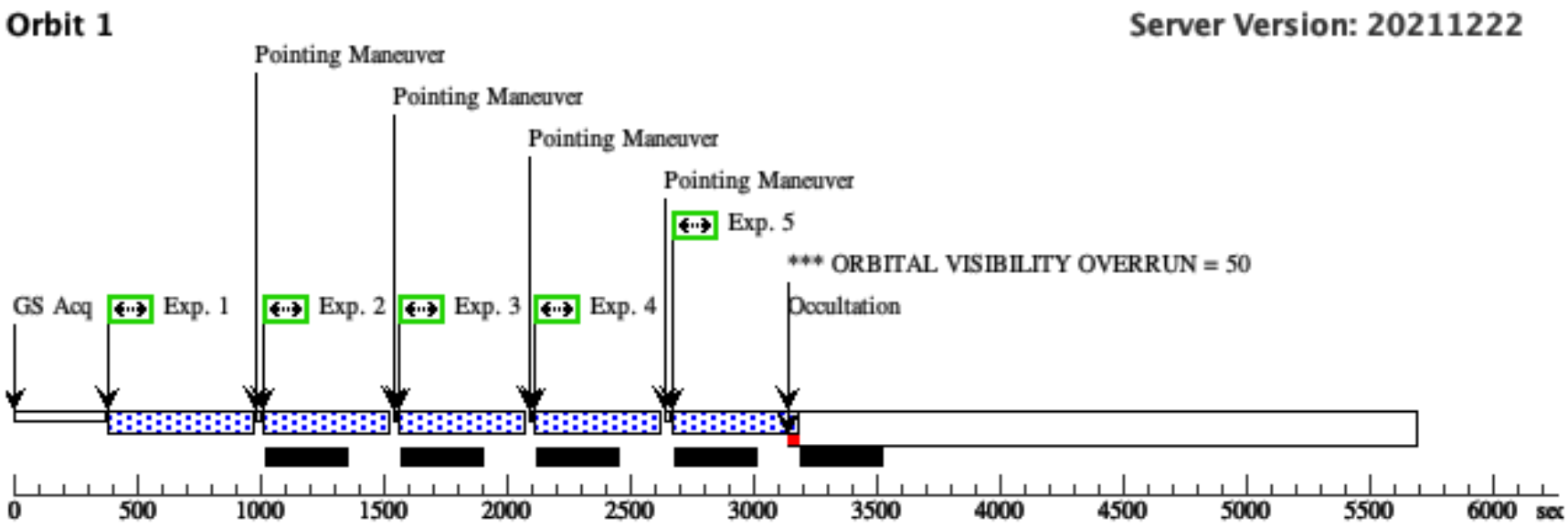
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	NGC-7078-M-15	RA: 21 30 16.6729 (322.5694704d) Dec: +12 06 23.36 (12.10649d) Equinox: J2000	Proper Motion RA: -3.137134395285233E-5 sec of time/yr Proper Motion Dec: -0.004979999926035816 arcsec/yr Epoch of Position: 2015.5	V=6.2	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 5.88049 ,-5.83826		337 Secs (386 Secs) *[==>386.0 Secs]*	*[1]*
2		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.4562 9,-3.48496		337 Secs (386 Secs) *[==>386.0 Secs]*	*[1]*
3		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.04500, 0.04500		337 Secs (386 Secs) *[==>386.0 Secs]*	*[1]*
4		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.54629, 3.57496		337 Secs (386 Secs) *[==>386.0 Secs]*	*[1]*
5		(3) NGC-7078-M-15	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -5.7904 9 ,-5.79049		337 Secs (385 Secs) *[==>385.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 15857, NGC5904_M5_V17 (17), completed Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 306D TO 316 D

Diagnostics

(NGC5904_M5_V17 (17)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(Exposure 1 (NGC5904_M5_V17 (17))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC5904_M5_V17 (17))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC5904_M5_V17 (17))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC5904_M5_V17 (17))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

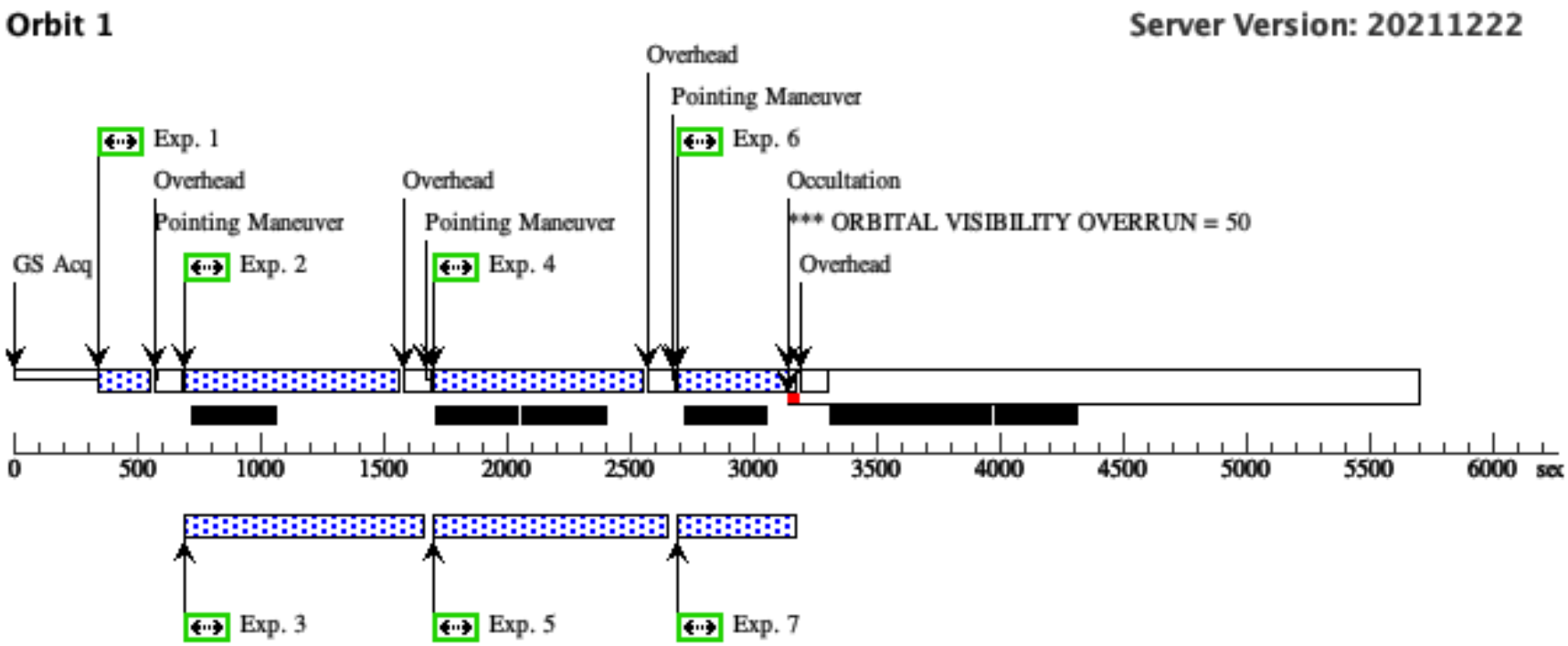
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	NGC-5904-M-5	RA: 15 18 31.7140 (229.6321417d) Dec: +02 10 40.42 (2.17789d) Equinox: J2000	Proper Motion RA: 3.408914818887207E-4 sec of time/yr Proper Motion Dec: -0.010290000045642955 arcsec/yr Epoch of Position: 2015.5	V=5.95	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(6) NGC-5904-M-5	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG -4.48069,-3.66588		200 Secs (180 Secs) *[==>180.0 Secs]*	*[1]*
2		(6) NGC-5904-M-5	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -7.67953,-3.19496	Prime + Parallel Group 2-3 in NGC5904_M5_V17 (17)	900 Secs (853 Secs) *[==>853.0 Secs]*	*[1]*
3		(6) NGC-5904-M-5	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 2-3 in NGC5904_M5_V17 (17)	800 Secs (761 Secs) *[==>761.0 Secs]*	*[1]*
4		(6) NGC-5904-M-5	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 1.91697, -4.60772	Prime + Parallel Group 4-5 in NGC5904_M5_V17 (17)	900 Secs (853 Secs) *[==>853.0 Secs]*	*[1]*
5		(6) NGC-5904-M-5	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 4-5 in NGC5904_M5_V17 (17)	800 Secs (826 Secs) *[==>826.0 Secs]*	*[1]*
6		(6) NGC-5904-M-5	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG -1.28186 ,-4.13680	Prime + Parallel Group 6-7 in NGC5904_M5_V17 (17)	900 Secs (462 Secs) *[==>462.0 Secs]*	*[1]*
7		(6) NGC-5904-M-5	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 6-7 in NGC5904_M5_V17 (17)	800 Secs (337 Secs) *[==>337.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 15857, NGC5904_M5_V18 (18), completed Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 306D TO 316 D

Diagnostics

(NGC5904_M5_V18 (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(Exposure 1 (NGC5904_M5_V18 (18))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC5904_M5_V18 (18))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC5904_M5_V18 (18))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC5904_M5_V18 (18))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

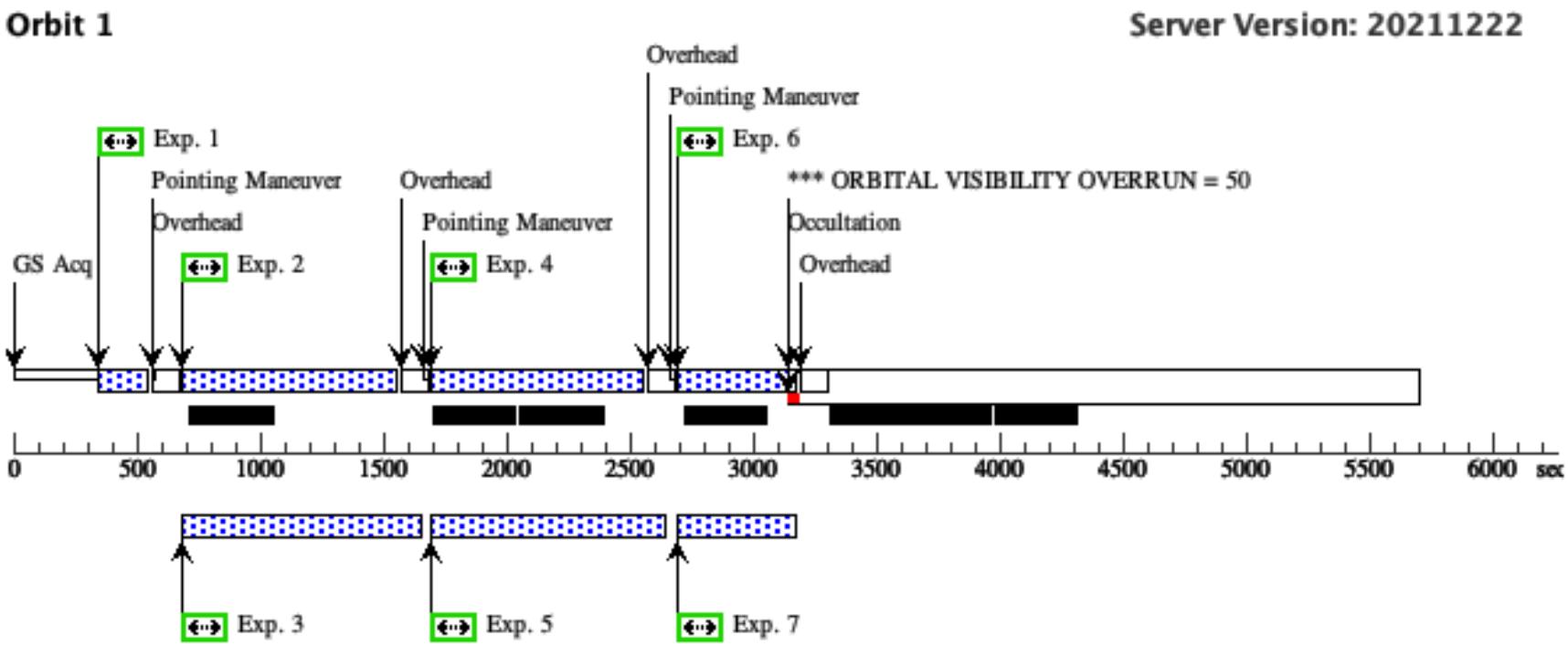
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	NGC-5904-M-5	RA: 15 18 31.7140 (229.6321417d) Dec: +02 10 40.42 (2.17789d) Equinox: J2000	Proper Motion RA: 3.408914818887207E-4 sec of time/yr Proper Motion Dec: -0.010290000045642955 arcsec/yr Epoch of Position: 2015.5	V=5.95	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(6) NGC-5904-M-5	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG -0.63899, 1.53591		200 Secs (172 Secs) *[==>172 Secs]*	*[1]*
2		(6) NGC-5904-M-5	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -1.91697, 4.60772	Prime + Parallel Group 2-3 in NGC5904_M5_V18 (18)	900 Secs (853 Secs) *[==>853.0 Secs]*	*[1]*
3		(6) NGC-5904-M-5	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 2-3 in NGC5904_M5_V18 (18)	800 Secs (761 Secs) *[==>761.0 Secs]*	*[1]*
4		(6) NGC-5904-M-5	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 7.67953,3.19496	Prime + Parallel Group 4-5 in NGC5904_M5_V18 (18)	900 Secs (861 Secs) *[==>861 Secs]*	*[1]*
5		(6) NGC-5904-M-5	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 4-5 in NGC5904_M5_V18 (18)	800 Secs (826 Secs) *[==>826.0 Secs]*	*[1]*
6		(6) NGC-5904-M-5	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG -3.83783,2.00683	Prime + Parallel Group 6-7 in NGC5904_M5_V18 (18)	900 Secs (462 Secs) *[==>462.0 Secs]*	*[1]*
7		(6) NGC-5904-M-5	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 6-7 in NGC5904_M5_V18 (18)	800 Secs (337 Secs) *[==>337.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 15857, NGC5904_M5_V19 (19), completed Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 306D TO 316 D

Diagnostics

(NGC5904_M5_V19 (19)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(Exposure 1 (NGC5904_M5_V19 (19))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC5904_M5_V19 (19))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC5904_M5_V19 (19))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC5904_M5_V19 (19))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

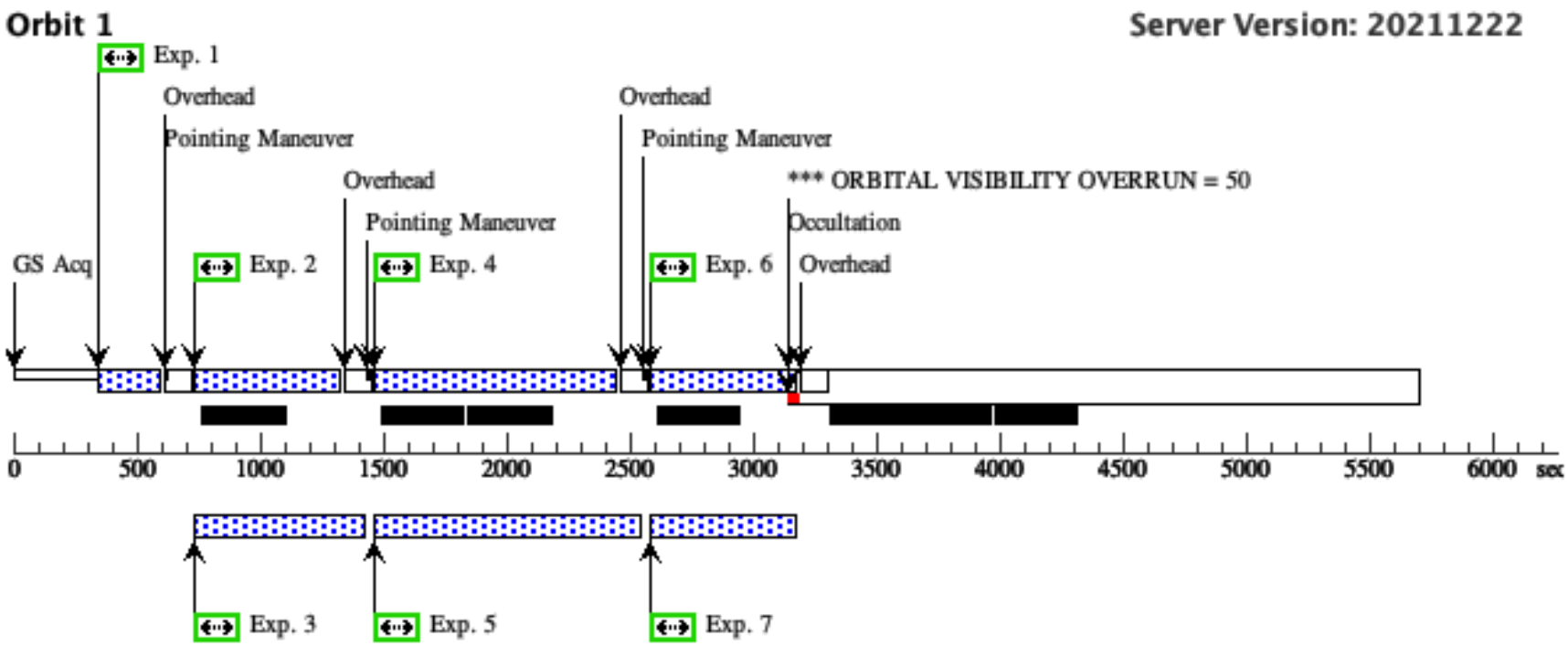
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	NGC-5904-M-5	RA: 15 18 31.7140 (229.6321417d) Dec: +02 10 40.42 (2.17789d) Equinox: J2000	Proper Motion RA: 3.408914818887207E-4 sec of time/yr Proper Motion Dec: -0.010290000045642955 arcsec/yr Epoch of Position: 2015.5	V=5.95	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(6) NGC-5904-M-5	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG 5.75868, 0.59407		200 Secs (220 Secs) *[==>220.0 Secs]*	*[1]*
2		(6) NGC-5904-M-5	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG 3.83783, -2.00683	Prime + Parallel Group 2-3 in NGC5904_M5_V19 (19)	900 Secs (573 Secs) *[==>573.0 Secs]*	*[1]*
3		(6) NGC-5904-M-5	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 2-3 in NGC5904_M5_V19 (19)	800 Secs (485 Secs) *[==>485.0 Secs]*	*[1]*
4		(6) NGC-5904-M-5	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 0.00000, 0.00000	Prime + Parallel Group 4-5 in NGC5904_M5_V19 (19)	900 Secs (961 Secs) *[==>961.0 Secs]*	*[1]*
5		(6) NGC-5904-M-5	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 4-5 in NGC5904_M5_V19 (19)	800 Secs (934 Secs) *[==>934.0 Secs]*	*[1]*
6		(6) NGC-5904-M-5	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG 1.28186 ,4.13680	Prime + Parallel Group 6-7 in NGC5904_M5_V19 (19)	900 Secs (573 Secs) *[==>573.0 Secs]*	*[1]*
7		(6) NGC-5904-M-5	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 6-7 in NGC5904_M5_V19 (19)	800 Secs (448 Secs) *[==>448.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 15857, NGC5904_M5_V20 (20), implementation Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: ACS/WFC

Special Requirements: ORIENT 131D TO 141 D; ORIENT 311D TO 321 D

Diagnostics

(NGC5904_M5_V20 (20)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

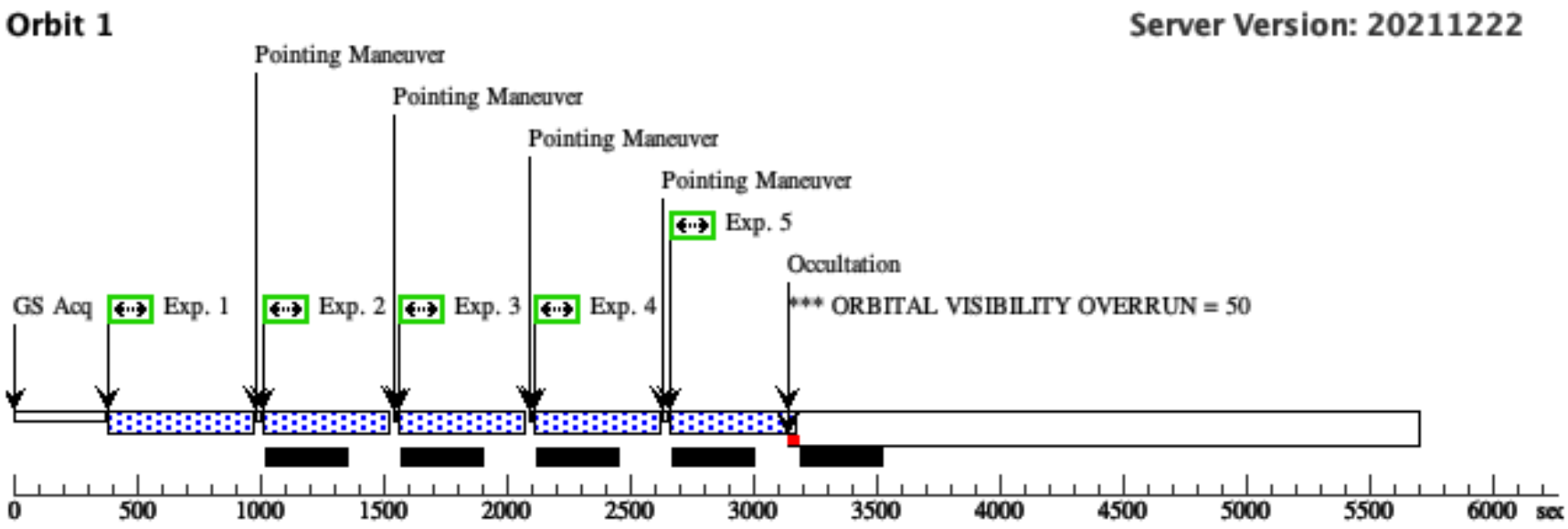
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	NGC-5904-M-5	RA: 15 18 31.7140 (229.6321417d) Dec: +02 10 40.42 (2.17789d) Equinox: J2000	Proper Motion RA: 3.408914818887207E-4 sec of time/yr Proper Motion Dec: -0.010290000045642955 arcsec/yr Epoch of Position: 2015.5	V=5.95	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(6) NGC-5904-M-5	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 5.83549 ,-5.88326		337 Secs (385 Secs) *[==>385.0 Secs]*	 ***[1]***
2		(6) NGC-5904-M-5	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.5012 9,-3.52996		337 Secs (385 Secs) *[==>385.0 Secs]*	 ***[1]***
3		(6) NGC-5904-M-5	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.0000,0 .0000		337 Secs (385 Secs) *[==>385.0 Secs]*	 ***[1]***
4		(6) NGC-5904-M-5	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.50129, 3.52996		337 Secs (385 Secs) *[==>385.0 Secs]*	 ***[1]***
5		(6) NGC-5904-M-5	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -5.8354 9,5.88326		337 Secs (385 Secs) *[==>385.0 Secs]*	 ***[1]***

Orbit Structure



Visit

Proposal 15857, NGC5904_M5_V21 (21), implementation Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: ACS/WFC

Special Requirements: ORIENT 131D TO 141 D; ORIENT 311D TO 321 D

Diagnostics

(NGC5904_M5_V21 (21)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

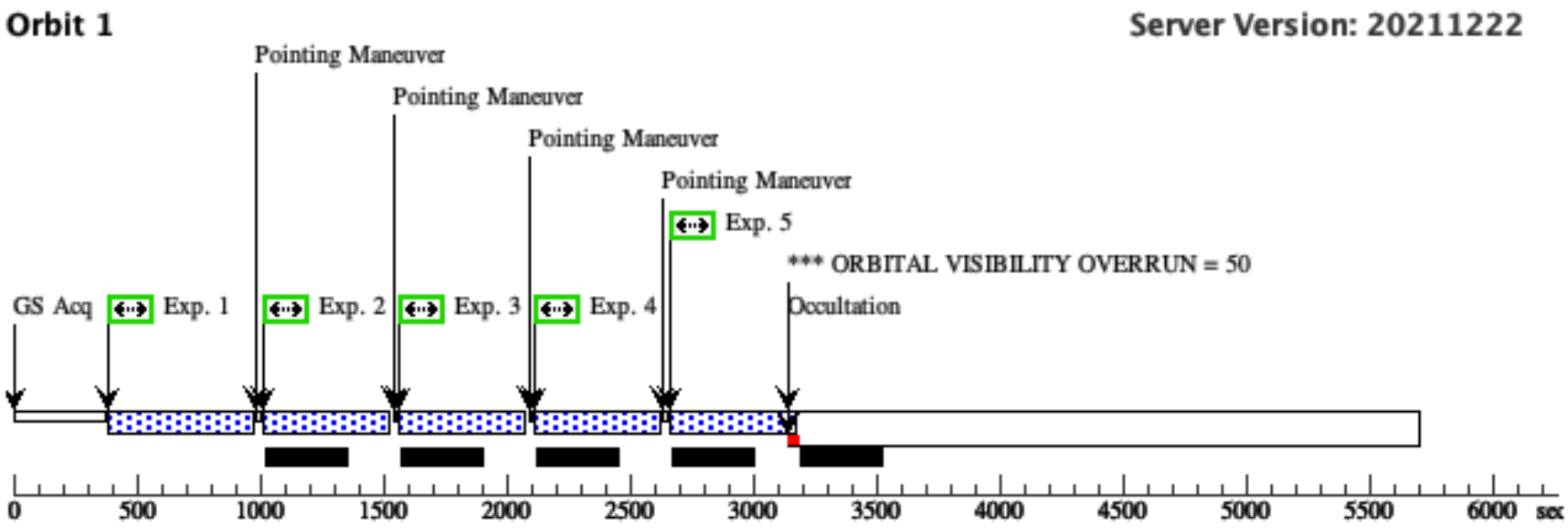
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	NGC-5904-M-5	RA: 15 18 31.7140 (229.6321417d) Dec: +02 10 40.42 (2.17789d) Equinox: J2000	Proper Motion RA: 3.408914818887207E-4 sec of time/yr Proper Motion Dec: -0.010290000045642955 arcsec/yr Epoch of Position: 2015.5	V=5.95	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(6) NGC-5904-M-5	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 5.88049 ,-5.83826		337 Secs (385 Secs) *[==>385.0 Secs]*	 ***[1]***
2		(6) NGC-5904-M-5	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.4562 9 ,-3.48496		337 Secs (385 Secs) *[==>385.0 Secs]*	 ***[1]***
3		(6) NGC-5904-M-5	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.04500, 0.04500		337 Secs (385 Secs) *[==>385.0 Secs]*	 ***[1]***
4		(6) NGC-5904-M-5	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.54629, 3.57496		337 Secs (385 Secs) *[==>385.0 Secs]*	 ***[1]***
5		(6) NGC-5904-M-5	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -5.7904 9,5.92826		337 Secs (385 Secs) *[==>385.0 Secs]*	 ***[1]***

Orbit Structure



Visit

Proposal 15857, NGC6752_V22 (22), completed Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 345D TO 355 D

Diagnostics

(NGC6752_V22 (22)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(Exposure 1 (NGC6752_V22 (22))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC6752_V22 (22))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC6752_V22 (22))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC6752_V22 (22))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

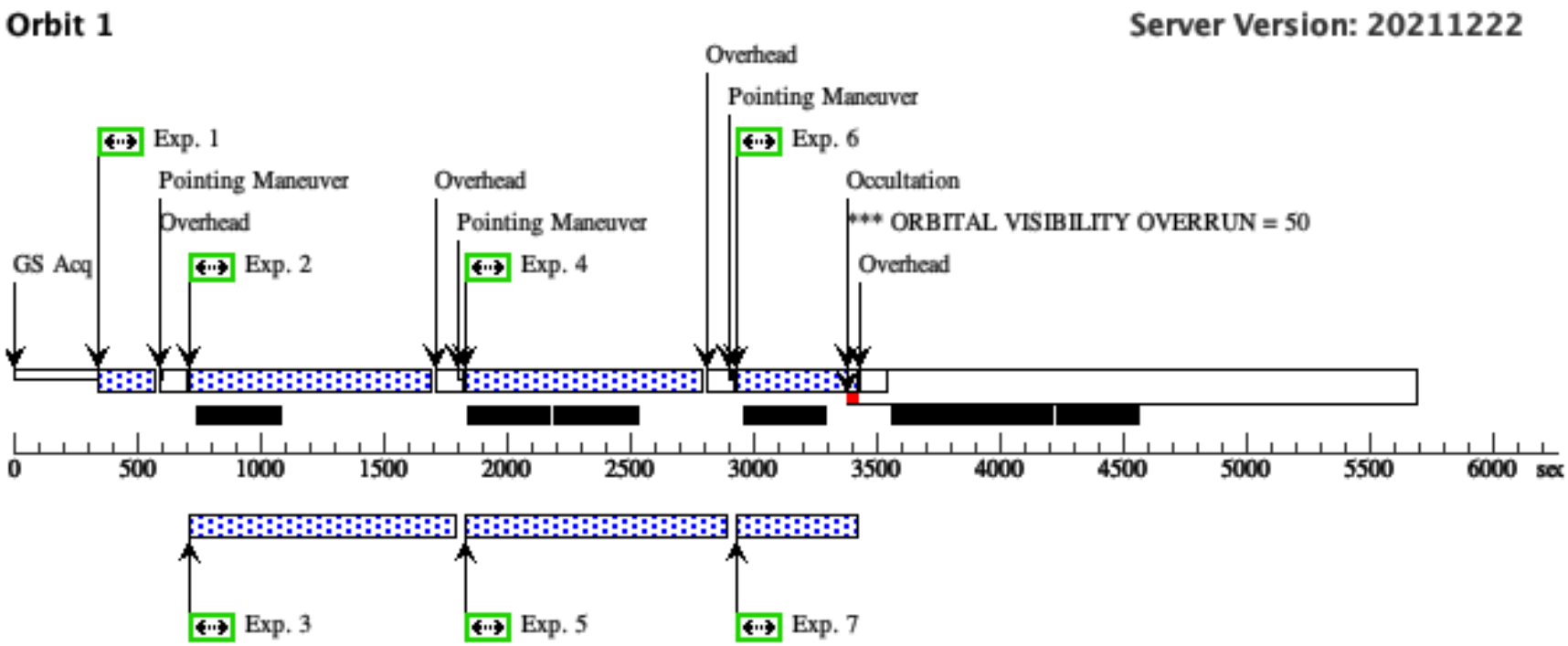
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	NGC-6752	RA: 19 11 33.0880 (287.8878667d) Dec: -59 59 52.66 (-59.99796d) Equinox: J2000	Proper Motion RA: -9.195706992871839E-5 sec of time/yr Proper Motion Dec: -0.0028499999416453647 arcsec/yr Epoch of Position: 2015.5	V=6.28	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(7) NGC-6752	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG -4.48069,-3.66588		200 Secs (204 Secs) *[==>204.0 Secs]*	***[1]***
2		(7) NGC-6752	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -7.67953,-3.19496	Prime + Parallel Group 2-3 in NGC6752_V22 (22)	900 Secs (962 Secs) *[==>962 Secs]*	***[1]***
3		(7) NGC-6752	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 2-3 in NGC6752_V22 (22)	800 Secs (870 Secs) *[==>870.0 Secs]*	***[1]***
4		(7) NGC-6752	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 1.91697,-4.60772	Prime + Parallel Group 4-5 in NGC6752_V22 (22)	900 Secs (960 Secs) *[==>960.0 Secs]*	***[1]***
5		(7) NGC-6752	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 4-5 in NGC6752_V22 (22)	800 Secs (933 Secs) *[==>933.0 Secs]*	***[1]***
6		(7) NGC-6752	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG -1.28186,-4.13680	Prime + Parallel Group 6-7 in NGC6752_V22 (22)	900 Secs (471 Secs) *[==>471 Secs]*	***[1]***
7		(7) NGC-6752	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 6-7 in NGC6752_V22 (22)	800 Secs (346 Secs) *[==>346.0 Secs]*	***[1]***

Orbit Structure



Visit

Proposal 15857, NGC6752_V23 (23), completed Wed Mar 09 16:01:04 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 345D TO 355 D

Diagnostics

(NGC6752_V23 (23)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(Exposure 1 (NGC6752_V23 (23))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC6752_V23 (23))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC6752_V23 (23))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC6752_V23 (23))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

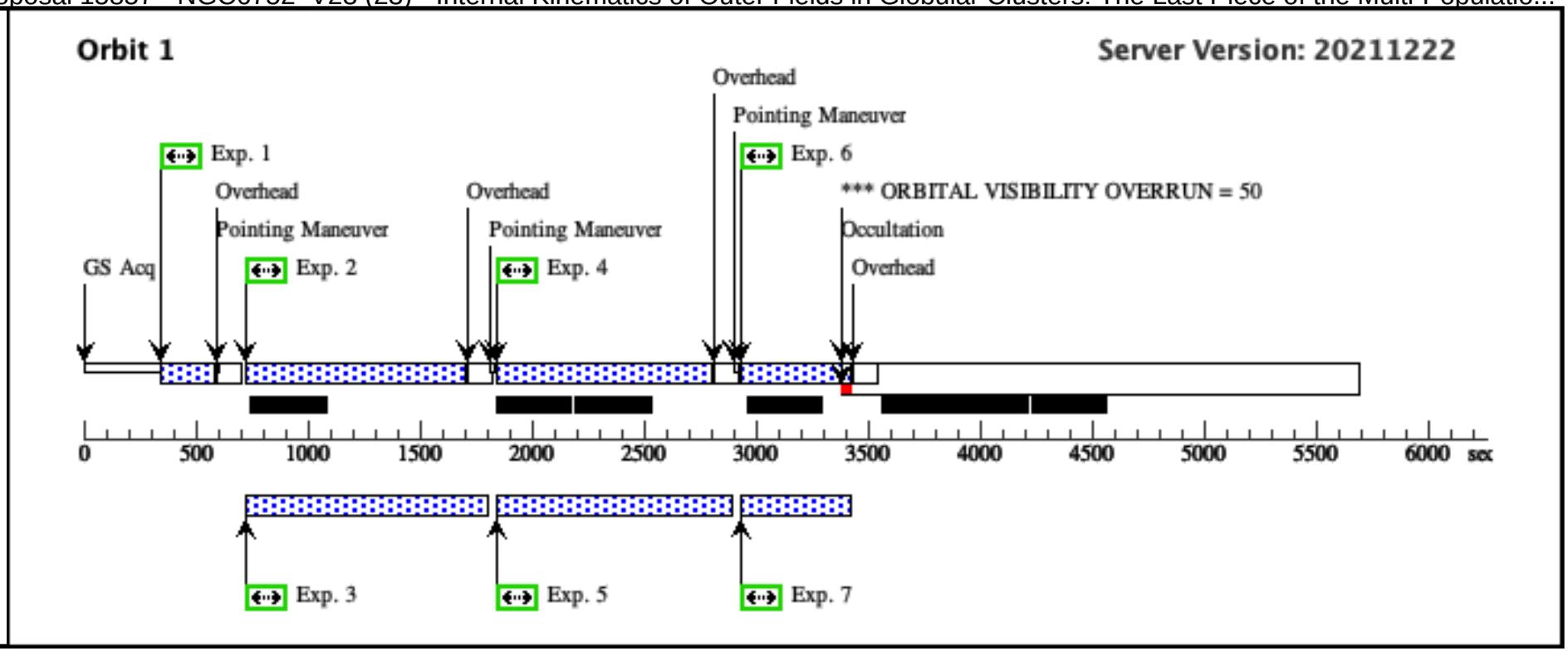
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	NGC-6752	RA: 19 11 33.0880 (287.8878667d) Dec: -59 59 52.66 (-59.99796d) Equinox: J2000	Proper Motion RA: -9.195706992871839E-5 sec of time/yr Proper Motion Dec: -0.0028499999416453647 arcsec/yr Epoch of Position: 2015.5	V=6.28	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(7) NGC-6752	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG -0.63899,1.53591		200 Secs (206 Secs) *[==>206 Secs]*	*[1]*
2		(7) NGC-6752	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -1.91697,4.60772	Prime + Parallel Group 2-3 in NGC6752_V23 (23)	900 Secs (962 Secs) *[==>962 Secs]*	*[1]*
3		(7) NGC-6752	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 2-3 in NGC6752_V23 (23)	800 Secs (870 Secs) *[==>870 Secs]*	*[1]*
4		(7) NGC-6752	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 7.67953, 3.19496	Prime + Parallel Group 4-5 in NGC6752_V23 (23)	900 Secs (960 Secs) *[==>960.0 Secs]*	*[1]*
5		(7) NGC-6752	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 4-5 in NGC6752_V23 (23)	800 Secs (925 Secs) *[==>925 Secs]*	*[1]*
6		(7) NGC-6752	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG -3.83783, 2.00683	Prime + Parallel Group 6-7 in NGC6752_V23 (23)	900 Secs (469 Secs) *[==>469 Secs]*	*[1]*
7		(7) NGC-6752	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 6-7 in NGC6752_V23 (23)	800 Secs (344 Secs) *[==>344.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 15857, NGC6752_V24 (24), completed Wed Mar 09 16:01:05 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 345D TO 355 D

Diagnostics

(NGC6752_V24 (24)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(Exposure 1 (NGC6752_V24 (24))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC6752_V24 (24))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC6752_V24 (24))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC6752_V24 (24))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

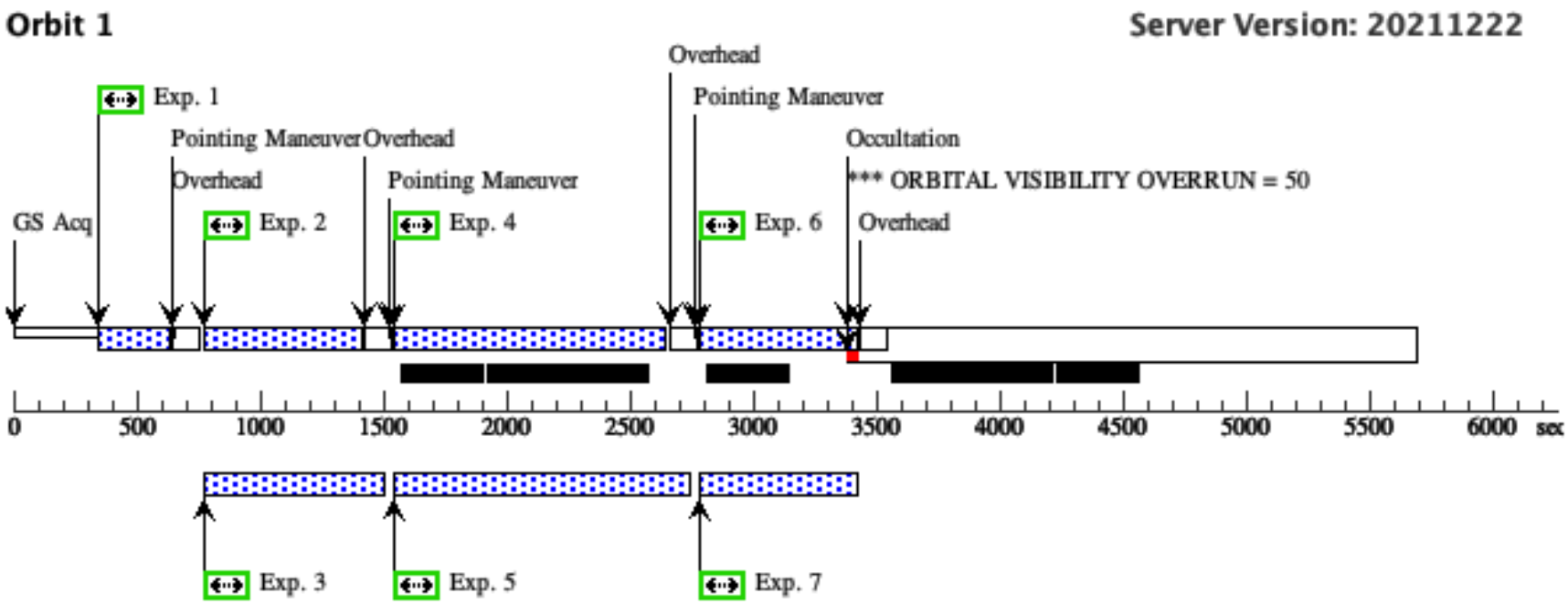
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	NGC-6752	RA: 19 11 33.0880 (287.8878667d) Dec: -59 59 52.66 (-59.99796d) Equinox: J2000	Proper Motion RA: -9.195706992871839E-5 sec of time/yr Proper Motion Dec: -0.0028499999416453647 arcsec/yr Epoch of Position: 2015.5	V=6.28	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(7) NGC-6752	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG 5.75868, 0.59407		200 Secs (258 Secs) *[==>258.0 Secs]*	***[1]***
2		(7) NGC-6752	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG 3.83783, -2.00683	Prime + Parallel Group 2-3 in NGC6752_V24 (24)	900 Secs (617 Secs) *[==>617.0 Secs]*	***[1]***
3		(7) NGC-6752	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 2-3 in NGC6752_V24 (24)	800 Secs (529 Secs) *[==>529.0 Secs]*	***[1]***
4		(7) NGC-6752	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 0.00000, 0.00000	Prime + Parallel Group 4-5 in NGC6752_V24 (24)	900 Secs (1082 Secs) *[==>1082.0 Secs]*	***[1]***
5		(7) NGC-6752	ACS/WFC, ACCUM, WFC	F435W			Prime + Parallel Group 4-5 in NGC6752_V24 (24)	800 Secs (1055 Secs) *[==>1055 Secs]*	***[1]***
6		(7) NGC-6752	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG 1.28186 ,4.13680	Prime + Parallel Group 6-7 in NGC6752_V24 (24)	900 Secs (617 Secs) *[==>617.0 Secs]*	***[1]***
7		(7) NGC-6752	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 6-7 in NGC6752_V24 (24)	800 Secs (492 Secs) *[==>492.0 Secs]*	***[1]***

Orbit Structure



Visit

Proposal 15857, NGC6752_V25 (25), completed Wed Mar 09 16:01:05 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: ACS/WFC

Special Requirements: ORIENT 10D TO 12 D

Diagnostics

(NGC6752_V25 (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

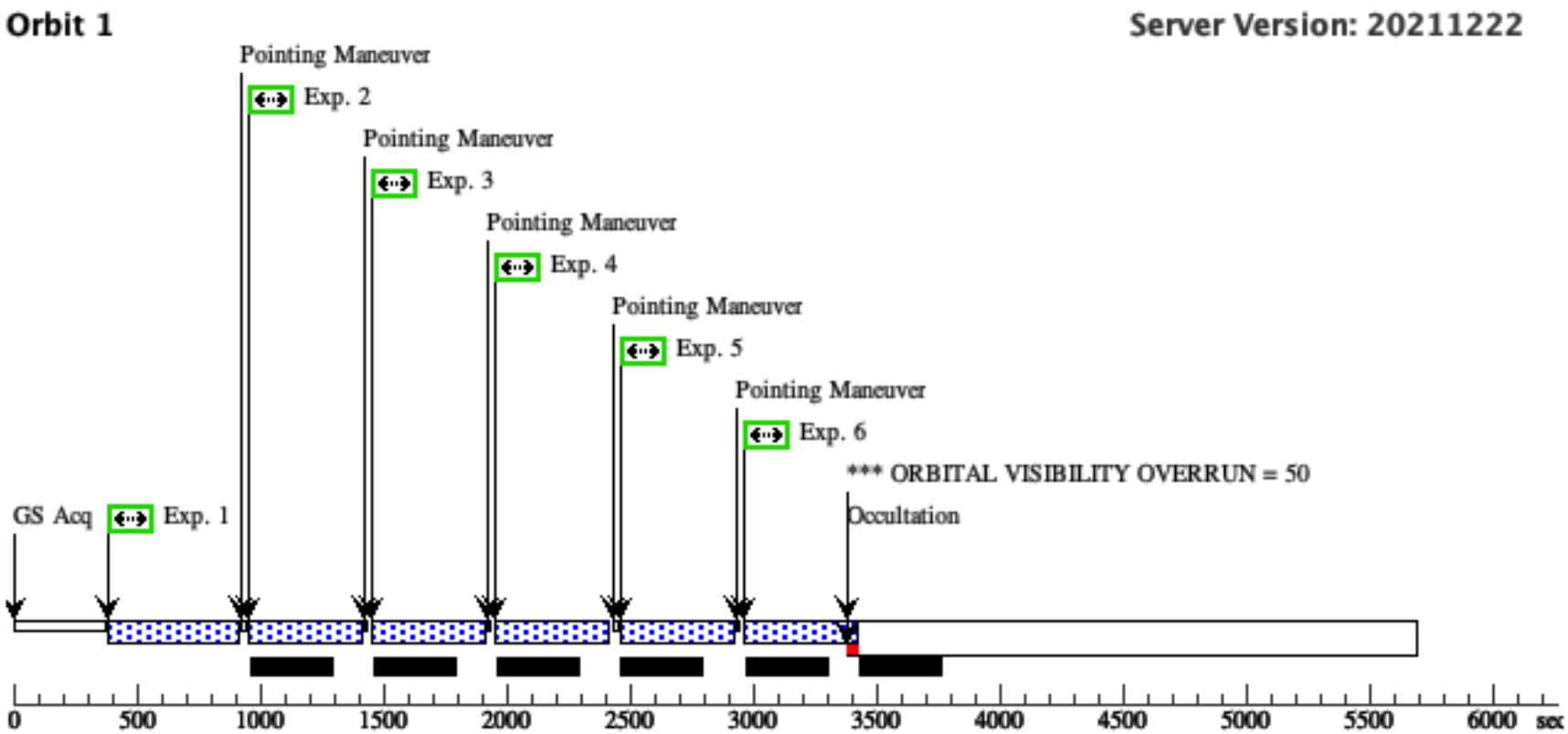
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	NGC-6752	RA: 19 11 33.0880 (287.8878667d) Dec: -59 59 52.66 (-59.99796d) Equinox: J2000	Proper Motion RA: -9.195706992871839E-5 sec of time/yr Proper Motion Dec: -0.0028499999416453647 arcsec/yr Epoch of Position: 2015.5	V=6.28	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(7) NGC-6752	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 5.83549, -5.88326; GS ACQ SCENARIO BASE1B3		337 Secs (320 Secs) *[==>320.0 Secs]*	***[1]***
2		(7) NGC-6752	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.50129,-3.52996		337 Secs (337 Secs) *[==>337.0 Secs]*	***[1]***
3		(7) NGC-6752	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.0000,0.0000		337 Secs (337 Secs) *[==>337.0 Secs]*	***[1]***
4		(7) NGC-6752	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.50129, 3.52996		337 Secs (337 Secs) *[==>337.0 Secs]*	***[1]***
5		(7) NGC-6752	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -5.83549,5.88326		337 Secs (337 Secs) *[==>337.0 Secs]*	***[1]***
6		(7) NGC-6752	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -2.55984,-1.06499		337 Secs (337 Secs) *[==>337 Secs]*	***[1]***

Orbit Structure



Visit

Proposal 15857, NGC6752_V26 (26), completed Wed Mar 09 16:01:05 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: ACS/WFC

Special Requirements: ORIENT 10D TO 12 D

Diagnostics

(NGC6752_V26 (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

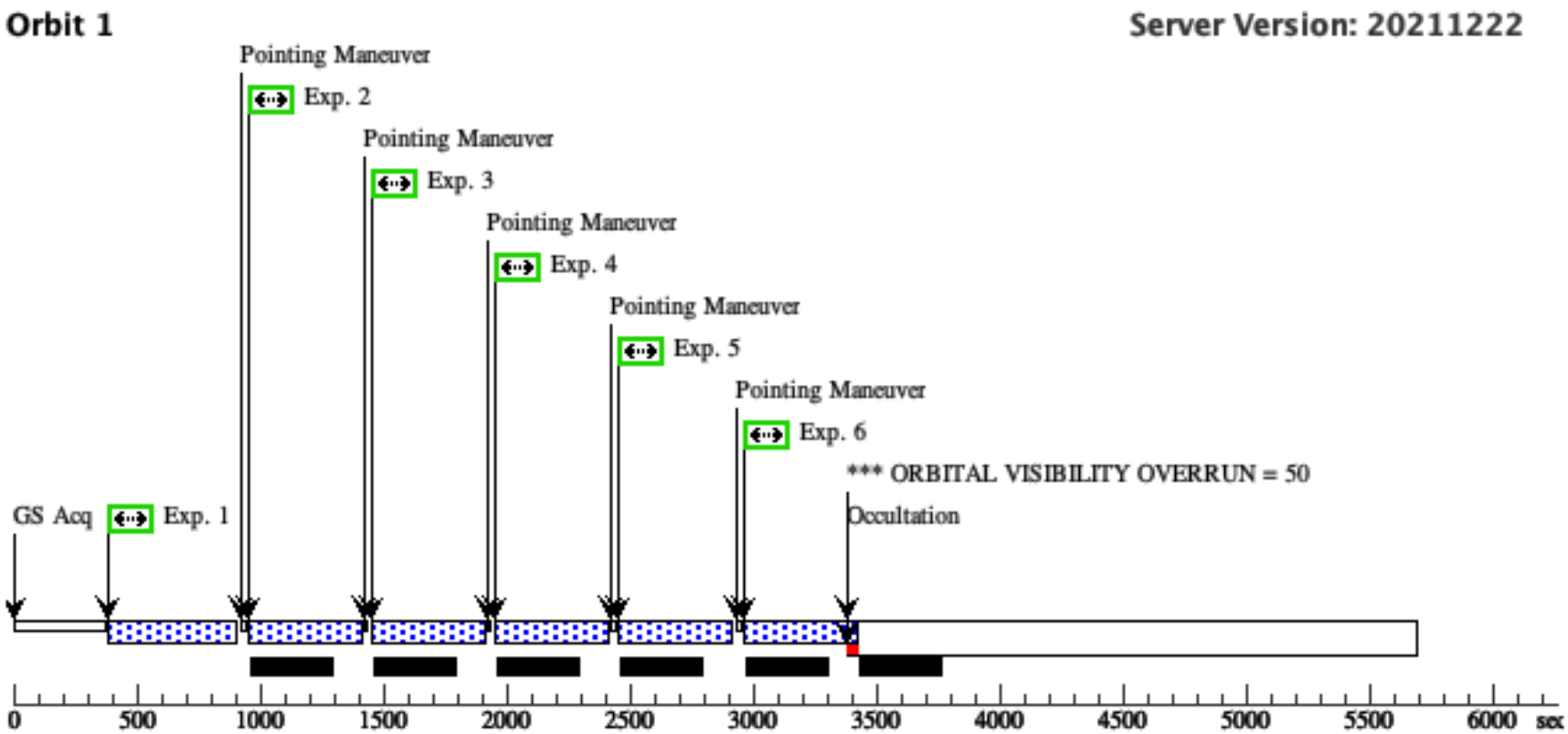
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	NGC-6752	RA: 19 11 33.0880 (287.8878667d) Dec: -59 59 52.66 (-59.99796d) Equinox: J2000	Proper Motion RA: -9.195706992871839E-5 sec of time/yr Proper Motion Dec: -0.0028499999416453647 arcsec/yr Epoch of Position: 2015.5	V=6.28	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(7) NGC-6752	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 5.88049 ,-5.83826; GS ACQ SCENARIO BASE1B3		337 Secs (319 Secs) *[==>319.0 Secs]*	***[1]***
2		(7) NGC-6752	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -3.45629 ,-3.48496		337 Secs (337 Secs) *[==>337.0 Secs]*	***[1]***
3		(7) NGC-6752	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.04500, 0.04500		337 Secs (337 Secs) *[==>337.0 Secs]*	***[1]***
4		(7) NGC-6752	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.54629 , 3.57496		337 Secs (337 Secs) *[==>337.0 Secs]*	***[1]***
5		(7) NGC-6752	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -5.79049,5.92826		337 Secs (337 Secs) *[==>337.0 Secs]*	***[1]***
6		(7) NGC-6752	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 2.55984, 1.06499		337 Secs (337 Secs) *[==>337.0 Secs]*	***[1]***

Orbit Structure



Visit

Proposal 15857, NGC_2808_V27 (27), completed Wed Mar 09 16:01:05 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 199D TO 209 D

Diagnostics

(Exposure 1 (NGC_2808_V27 (27))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC_2808_V27 (27))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC_2808_V27 (27))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC_2808_V27 (27))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

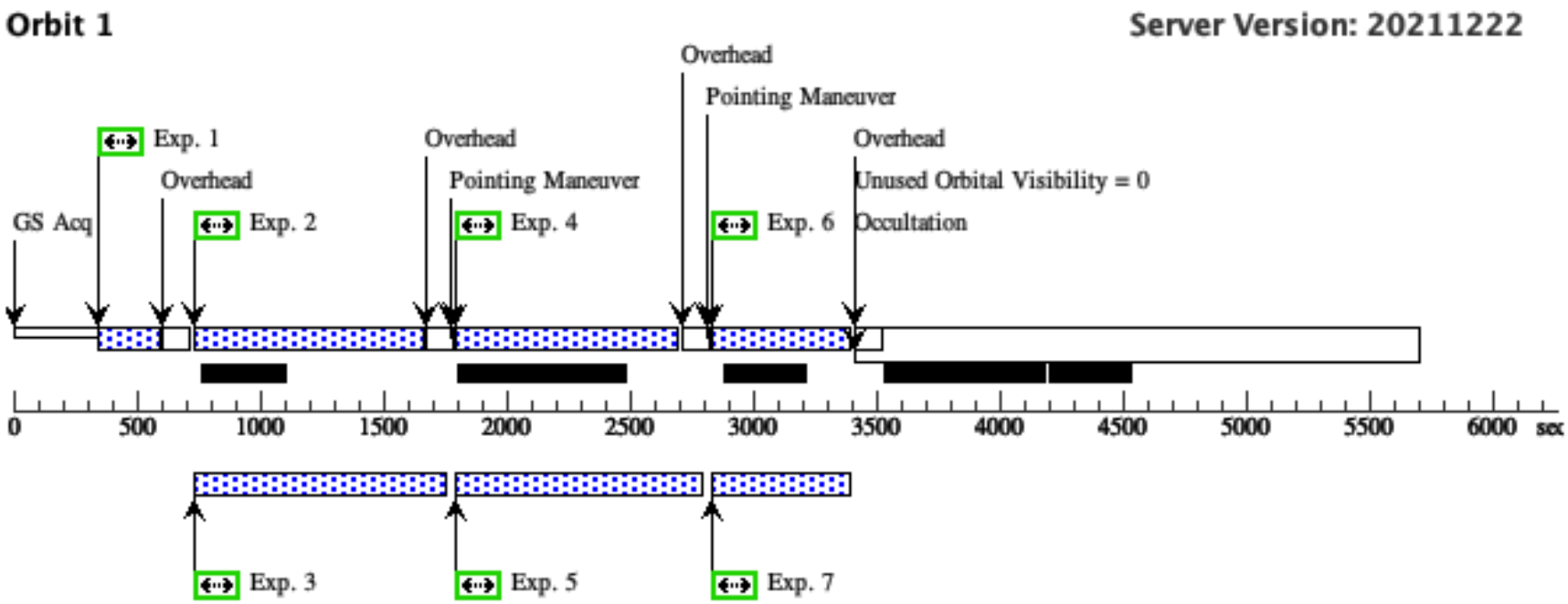
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	NGC-2808	RA: 09 11 39.0985 (137.9129104d) Dec: -64 54 10.30 (-64.90286d) Equinox: J2000	Proper Motion RA: 9.102832127390849E-5 sec of time/yr Proper Motion Dec: 0.00206 arcsec/yr Epoch of Position: 2015.5	V=5.69	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG -7.67953,-3.19496		97 Secs (217 Secs) *[==>217.0 Secs]*	*[1]*
2		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -7.67953,-3.19496	Prime + Parallel Group 2-3 in NGC_2808_V27 (27)	985 Secs (905 Secs) *[==>905.0 Secs]*	*[1]*
3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in NGC_2808_V27 (27)	890 Secs (819 Secs) *[==>819 Secs]*	*[1]*
4		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -4.48069 ,-3.66588	Prime + Parallel Group 4-5 in NGC_2808_V27 (27)	985 Secs (905 Secs) *[==>905.0 Secs]*	*[1]*
5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in NGC_2808_V27 (27)	982 Secs (878 Secs) *[==>878 Secs]*	*[1]*
6		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG -7.67953,-3.19496	Prime + Parallel Group 6-7 in NGC_2808_V27 (27)	650 Secs (542 Secs) *[==>542.0 Secs]*	*[1]*
7		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 6-7 in NGC_2808_V27 (27)	508 Secs (400 Secs) *[==>400.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 15857, NGC_2808_V28 (28), completed Wed Mar 09 16:01:05 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 199D TO 209 D

Diagnostics

(Exposure 1 (NGC_2808_V28 (28))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC_2808_V28 (28))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC_2808_V28 (28))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC_2808_V28 (28))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

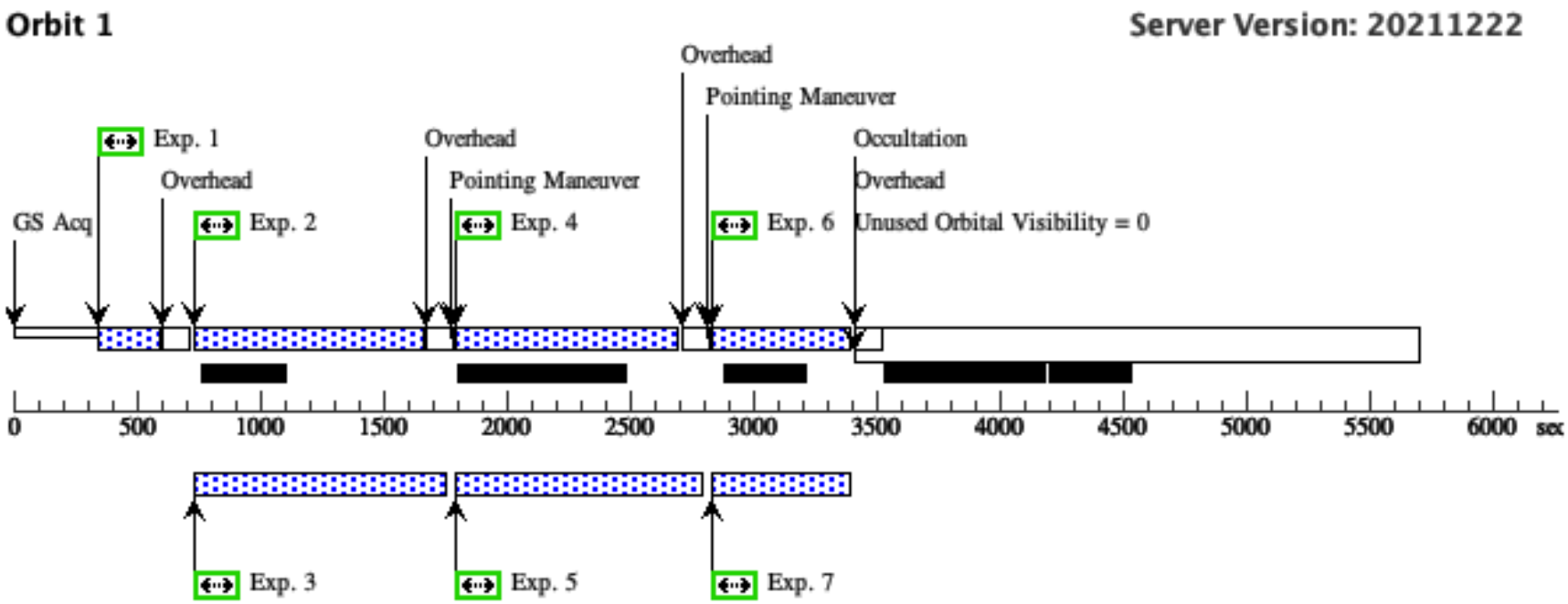
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	NGC-2808	RA: 09 11 39.0985 (137.9129104d) Dec: -64 54 10.30 (-64.90286d) Equinox: J2000	Proper Motion RA: 9.102832127390849E-5 sec of time/yr Proper Motion Dec: 0.00206 arcsec/yr Epoch of Position: 2015.5	V=5.69	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG -1.28186,-4.13680		97 Secs (217 Secs) *[==>217.0 Secs]*	*[1]*
2		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -1.28186,-4.13680	Prime + Parallel Group 2-3 in NGC_2808_V28 (28)	985 Secs (905 Secs) *[==>905.0 Secs]*	*[1]*
3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in NGC_2808_V28 (28)	890 Secs (819 Secs) *[==>819 Secs]*	*[1]*
4		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 1.91697, -4.60772	Prime + Parallel Group 4-5 in NGC_2808_V28 (28)	985 Secs (905 Secs) *[==>905.0 Secs]*	*[1]*
5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in NGC_2808_V28 (28)	982 Secs (878 Secs) *[==>878 Secs]*	*[1]*
6		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG -1.28186,-4.13680	Prime + Parallel Group 6-7 in NGC_2808_V28 (28)	650 Secs (542 Secs) *[==>542.0 Secs]*	*[1]*
7		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 6-7 in NGC_2808_V28 (28)	508 Secs (400 Secs) *[==>400.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 15857, NGC_2808_V29 (29), completed Wed Mar 09 16:01:05 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 199D TO 209 D

Diagnostics

(NGC_2808_V29 (29)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(Exposure 1 (NGC_2808_V29 (29))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC_2808_V29 (29))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC_2808_V29 (29))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC_2808_V29 (29))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

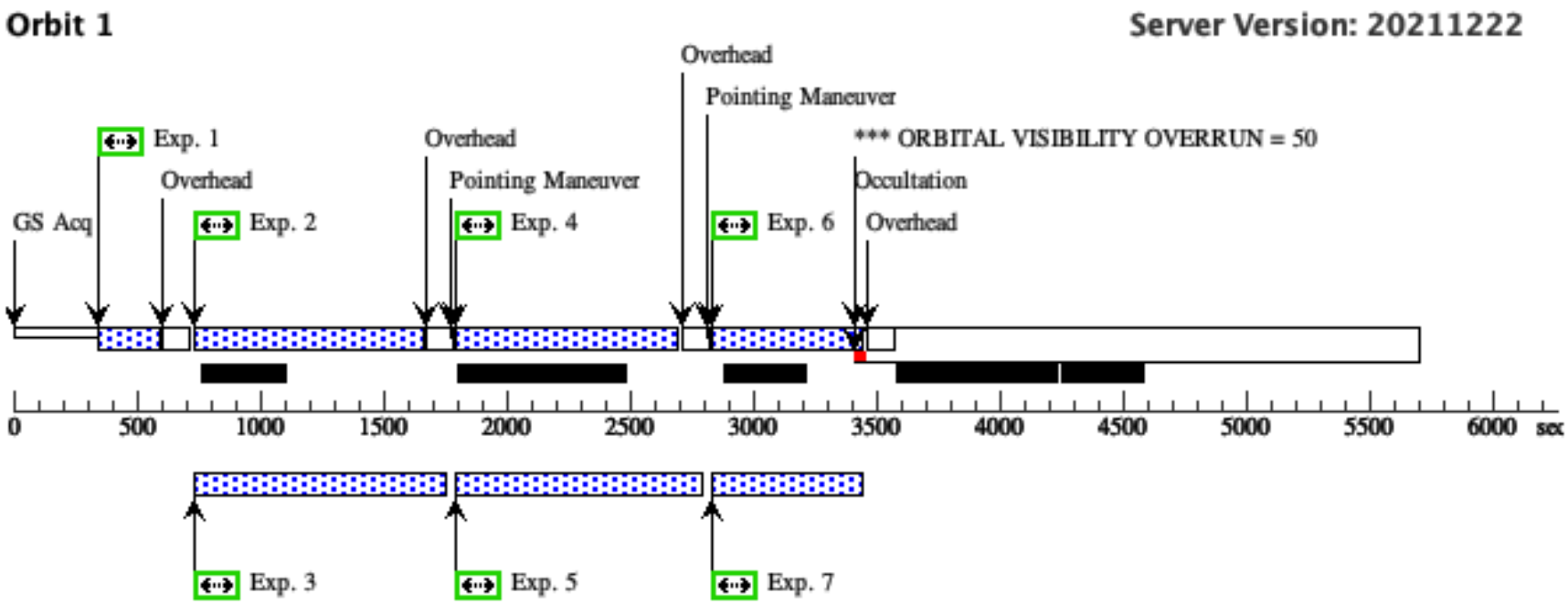
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	NGC-2808	RA: 09 11 39.0985 (137.9129104d) Dec: -64 54 10.30 (-64.90286d) Equinox: J2000	Proper Motion RA: 9.102832127390849E-5 sec of time/yr Proper Motion Dec: 0.00206 arcsec/yr Epoch of Position: 2015.5	V=5.69	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG 3.83783, -2.00683		97 Secs (217 Secs) *[==>217.0 Secs]*	*[1]*
2		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 3.83783, -2.00683	Prime + Parallel Group 2-3 in NGC_2808_V29 (29)	985 Secs (905 Secs) *[==>905.0 Secs]*	*[1]*
3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in NGC_2808_V29 (29)	890 Secs (819 Secs) *[==>819 Secs]*	*[1]*
4		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 0.63899 ,-1.53591	Prime + Parallel Group 4-5 in NGC_2808_V29 (29)	985 Secs (905 Secs) *[==>905.0 Secs]*	*[1]*
5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in NGC_2808_V29 (29)	982 Secs (878 Secs) *[==>878.0 Secs]*	*[1]*
6		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG 3.83783, -2.00683	Prime + Parallel Group 6-7 in NGC_2808_V29 (29)	650 Secs (592 Secs) *[==>592 Secs]*	*[1]*
7		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 6-7 in NGC_2808_V29 (29)	508 Secs (450 Secs) *[==>450.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 15857, NGC_2808_V30 (30), completed Wed Mar 09 16:01:05 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 199D TO 209 D

Diagnostics

(NGC_2808_V30 (30)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(Exposure 1 (NGC_2808_V30 (30))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC_2808_V30 (30))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC_2808_V30 (30))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC_2808_V30 (30))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

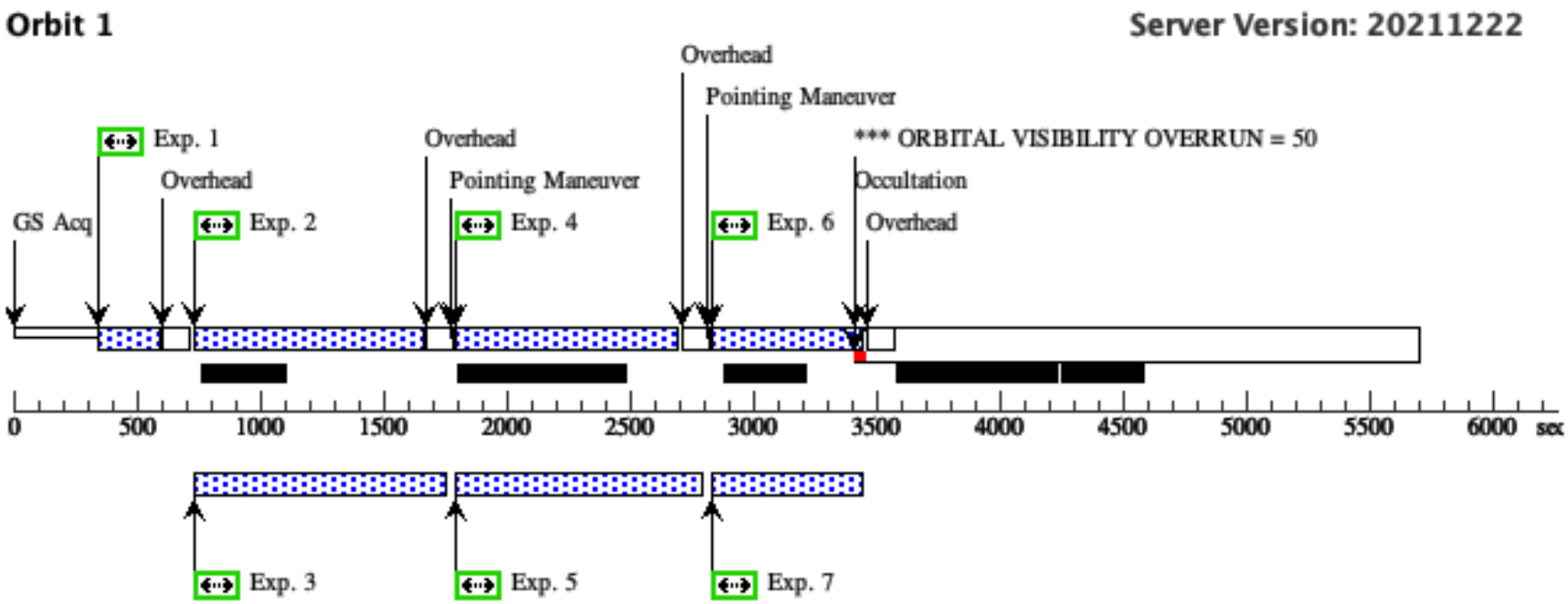
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	NGC-2808	RA: 09 11 39.0985 (137.9129104d) Dec: -64 54 10.30 (-64.90286d) Equinox: J2000	Proper Motion RA: 9.102832127390849E-5 sec of time/yr Proper Motion Dec: 0.00206 arcsec/yr Epoch of Position: 2015.5	V=5.69	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG -3.8378 3,2.00683		97 Secs (217 Secs) *[==>217.0 Secs]*	*[1]*
2		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -3.8378 3,2.00683	Prime + Parallel Group 2-3 in NGC_2808_V30 (30)	985 Secs (905 Secs) *[==>905.0 Secs]*	*[1]*
3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in NGC_2808_V30 (30)	890 Secs (819 Secs) *[==>819 Secs]*	*[1]*
4		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -0.6389 9, 1.53591	Prime + Parallel Group 4-5 in NGC_2808_V30 (30)	985 Secs (905 Secs) *[==>905.0 Secs]*	*[1]*
5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in NGC_2808_V30 (30)	982 Secs (878 Secs) *[==>878 Secs]*	*[1]*
6		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG -3.8378 3,2.00683	Prime + Parallel Group 6-7 in NGC_2808_V30 (30)	650 Secs (592 Secs) *[==>592 Secs]*	*[1]*
7		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 6-7 in NGC_2808_V30 (30)	508 Secs (450 Secs) *[==>450.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 15857, NGC_2808_V31 (31), completed Wed Mar 09 16:01:05 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 199D TO 209 D

Diagnostics

(Exposure 1 (NGC_2808_V31 (31))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC_2808_V31 (31))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC_2808_V31 (31))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC_2808_V31 (31))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

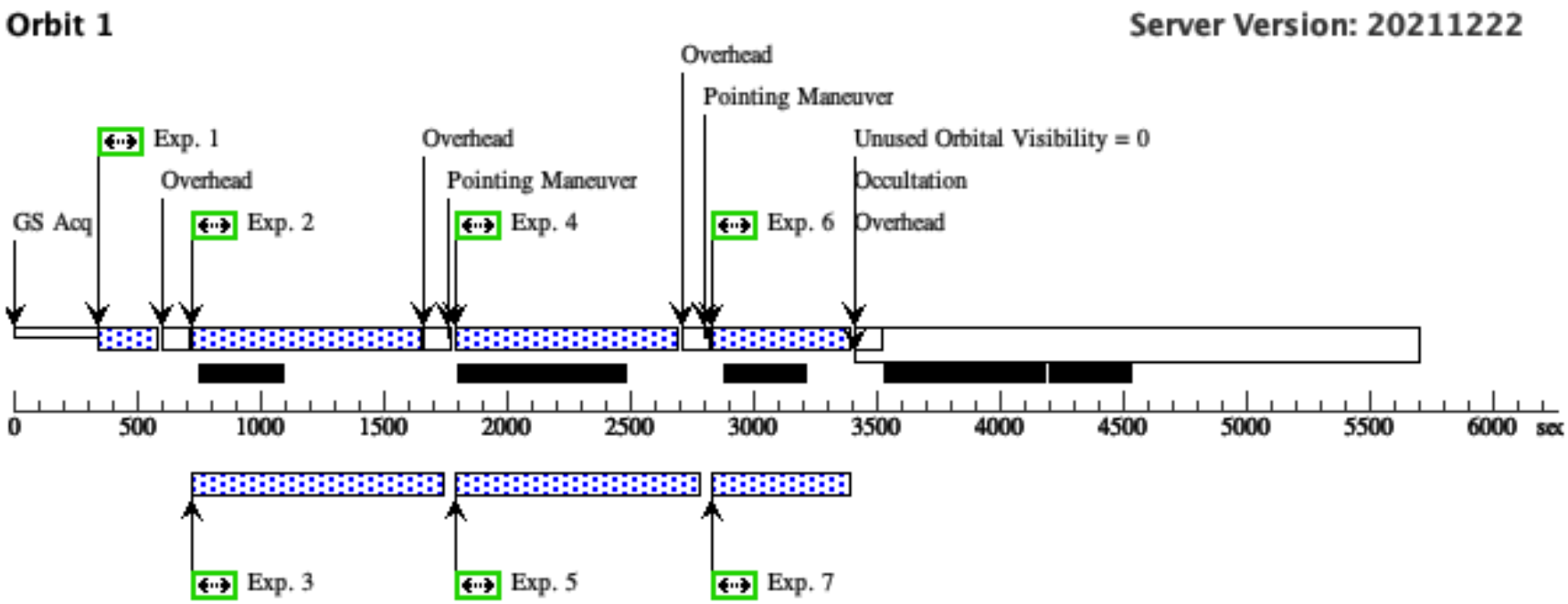
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	NGC-2808	RA: 09 11 39.0985 (137.9129104d) Dec: -64 54 10.30 (-64.90286d) Equinox: J2000	Proper Motion RA: 9.102832127390849E-5 sec of time/yr Proper Motion Dec: 0.00206 arcsec/yr Epoch of Position: 2015.5	V=5.69	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG 1.28186, 4.13680		97 Secs (213 Secs) *[==>213.0 Secs]*	*[1]*
2		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 1.28186, 4.13680	Prime + Parallel Group 2-3 in NGC_2808_V31 (31)	985 Secs (905 Secs) *[==>905.0 Secs]*	*[1]*
3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in NGC_2808_V31 (31)	890 Secs (818 Secs) *[==>818.0 Secs]*	*[1]*
4		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -5.75868,-0.59407	Prime + Parallel Group 4-5 in NGC_2808_V31 (31)	985 Secs (905 Secs) *[==>905.0 Secs]*	*[1]*
5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in NGC_2808_V31 (31)	982 Secs (871 Secs) *[==>871.0 Secs]*	*[1]*
6		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG 1.28186, 4.13680	Prime + Parallel Group 6-7 in NGC_2808_V31 (31)	650 Secs (542 Secs) *[==>542.0 Secs]*	*[1]*
7		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 6-7 in NGC_2808_V31 (31)	508 Secs (400 Secs) *[==>400.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 15857, NGC_2808_V32 (32), completed Wed Mar 09 16:01:05 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 199D TO 209 D

Diagnostics

(Exposure 1 (NGC_2808_V32 (32))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 2 (Prime + Parallel Group 2-3 in NGC_2808_V32 (32))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 4 (Prime + Parallel Group 4-5 in NGC_2808_V32 (32))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 6 (Prime + Parallel Group 6-7 in NGC_2808_V32 (32))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

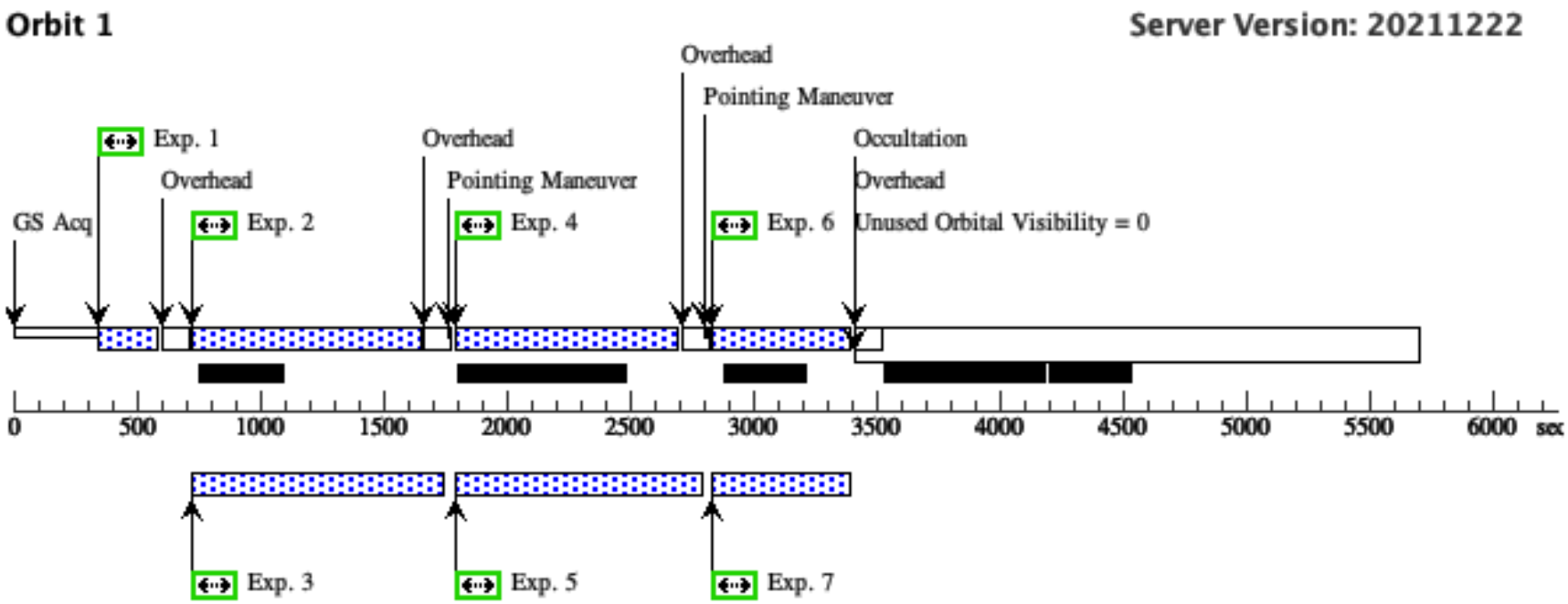
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	NGC-2808	RA: 09 11 39.0985 (137.9129104d) Dec: -64 54 10.30 (-64.90286d) Equinox: J2000	Proper Motion RA: 9.102832127390849E-5 sec of time/yr Proper Motion Dec: 0.00206 arcsec/yr Epoch of Position: 2015.5	V=5.69	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=12	POS TARG 7.67953, 3.19496		97 Secs (213 Secs) *[==>213.0 Secs]*	*[1]*
2		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 7.67953, 3.19496	Prime + Parallel Group 2-3 in NGC_2808_V32 (32)	985 Secs (905 Secs) *[==>905.0 Secs]*	*[1]*
3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in NGC_2808_V32 (32)	890 Secs (818 Secs) *[==>818.0 Secs]*	*[1]*
4		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 0.63899 ,-1.53591	Prime + Parallel Group 4-5 in NGC_2808_V32 (32)	985 Secs (905 Secs) *[==>905.0 Secs]*	*[1]*
5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in NGC_2808_V32 (32)	982 Secs (872 Secs) *[==>872.0 Secs]*	*[1]*
6		(4) NGC-2808	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG 7.67953, 3.19496	Prime + Parallel Group 6-7 in NGC_2808_V32 (32)	650 Secs (542 Secs) *[==>542.0 Secs]*	*[1]*
7		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 6-7 in NGC_2808_V32 (32)	508 Secs (400 Secs) *[==>400.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 15857, NGC_2808_V33 (33), completed Wed Mar 09 16:01:05 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: ACS/WFC

Special Requirements: ORIENT 354D TO 4 D; ORIENT 174D TO 184 D

Diagnostics

(NGC_2808_V33 (33)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

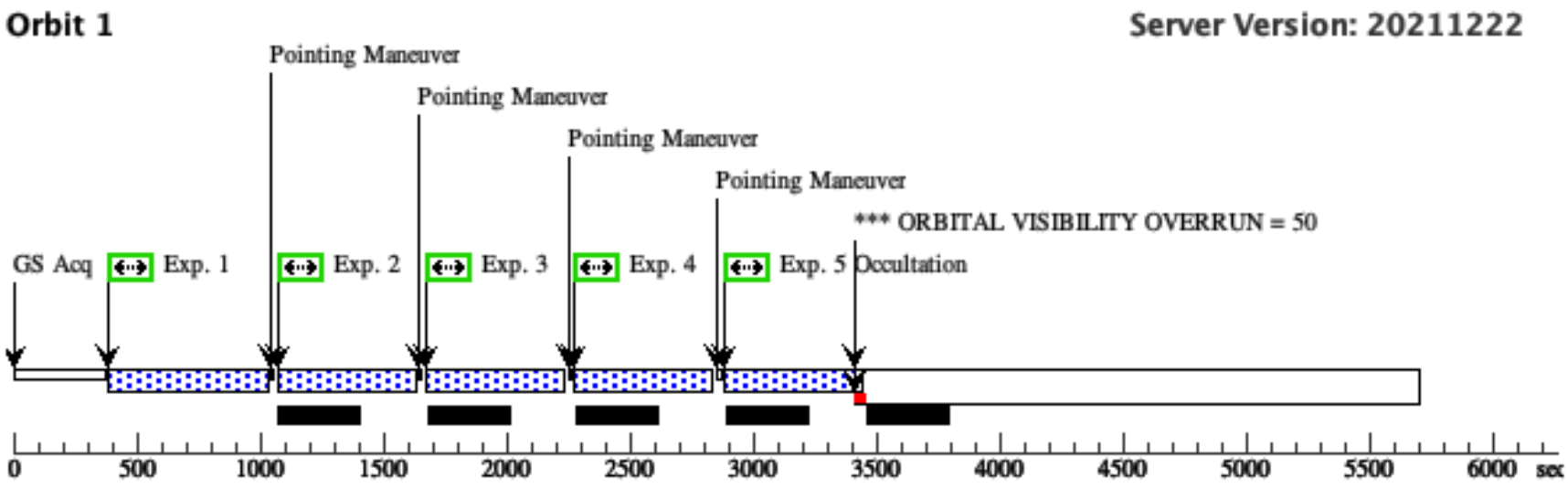
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	NGC-2808	RA: 09 11 39.0985 (137.9129104d) Dec: -64 54 10.30 (-64.90286d) Equinox: J2000	Proper Motion RA: 9.102832127390849E-5 sec of time/yr Proper Motion Dec: 0.00206 arcsec/yr Epoch of Position: 2015.5	V=5.69	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(4) NGC-2808	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -5.88326,-5.88326		337 Secs (440 Secs) *[==>440 Secs]*	 ***[1]***
2		(4) NGC-2808	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.39222,-4.31439		337 Secs (440 Secs) *[==>440 Secs]*	 ***[1]***
3		(4) NGC-2808	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.52996,-3.52996		337 Secs (440 Secs) *[==>440 Secs]*	 ***[1]***
4		(4) NGC-2808	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 4.31439,-0.39222		337 Secs (440 Secs) *[==>440.0 Secs]*	 ***[1]***
5		(4) NGC-2808	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -4.31439,0.39222		337 Secs (440 Secs) *[==>440.0 Secs]*	 ***[1]***

Orbit Structure



Visit

Proposal 15857, NGC_2808_V34 (34), completed Wed Mar 09 16:01:05 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: ACS/WFC

Special Requirements: ORIENT 354D TO 4 D; ORIENT 174D TO 184 D

Diagnostics

(NGC_2808_V34 (34)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

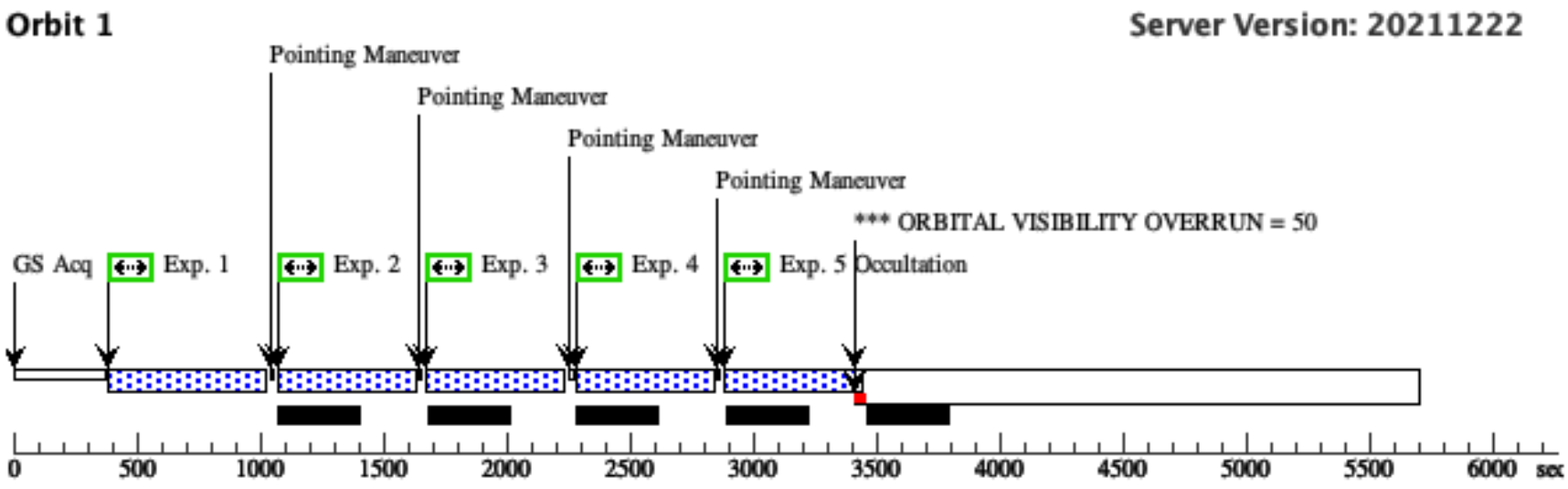
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	NGC-2808	RA: 09 11 39.0985 (137.9129104d) Dec: -64 54 10.30 (-64.90286d) Equinox: J2000	Proper Motion RA: 9.102832127390849E-5 sec of time/yr Proper Motion Dec: 0.00206 arcsec/yr Epoch of Position: 2015.5	V=5.69	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(4) NGC-2808	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 5.83549, -5.88326		337 Secs (439 Secs) *[==>439.0 Secs]*	 ***[1]***
2		(4) NGC-2808	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.3890 3,-4.31439		337 Secs (439 Secs) *[==>439.0 Secs]*	 ***[1]***
3		(4) NGC-2808	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -4.2793 6,-0.39222		337 Secs (439 Secs) *[==>439.0 Secs]*	 ***[1]***
4		(4) NGC-2808	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 4.27936 ,0.39222		337 Secs (439 Secs) *[==>439.0 Secs]*	 ***[1]***
5		(4) NGC-2808	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.38903, 4.31439		337 Secs (438 Secs) *[==>438.0 Secs]*	 ***[1]***

Orbit Structure



Visit

Proposal 15857, NGC_2808_V35 (35), completed Wed Mar 09 16:01:05 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: ACS/WFC

Special Requirements: ORIENT 354D TO 4 D; ORIENT 174D TO 184 D

Diagnostics

(NGC_2808_V35 (35)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

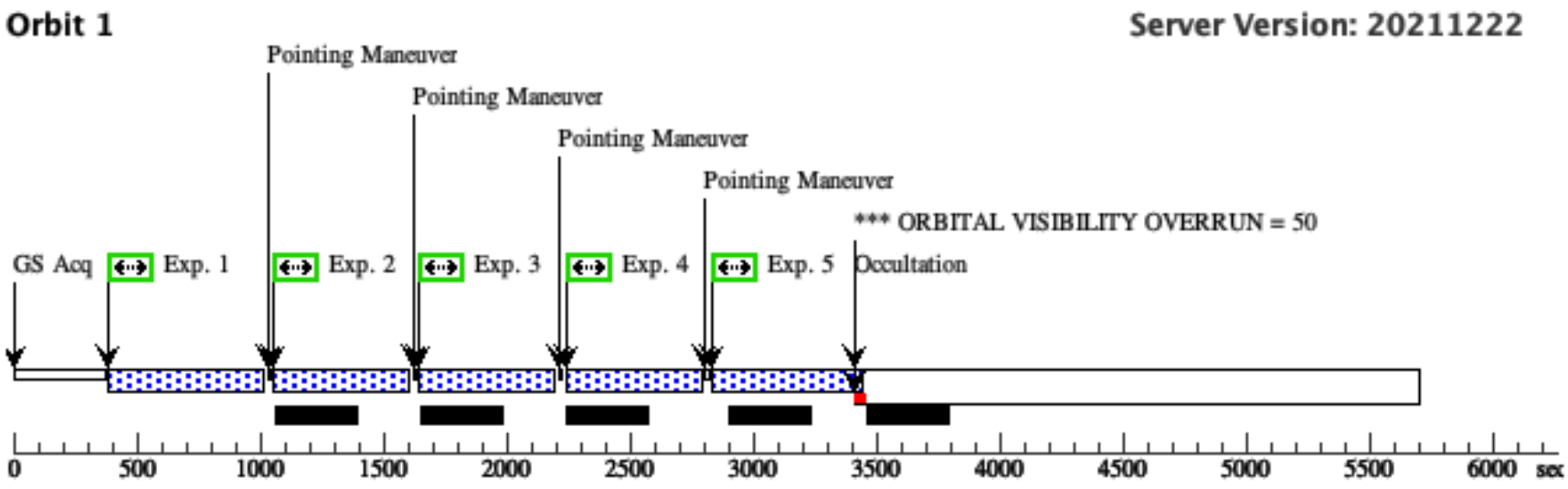
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	NGC-2808	RA: 09 11 39.0985 (137.9129104d) Dec: -64 54 10.30 (-64.90286d) Equinox: J2000	Proper Motion RA: 9.102832127390849E-5 sec of time/yr Proper Motion Dec: 0.00206 arcsec/yr Epoch of Position: 2015.5	V=5.69	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(4) NGC-2808	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.00000, 0.00000		337 Secs (428 Secs) *[==>428.0 Secs]*	 ***[1]***
2		(4) NGC-2808	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -3.52996, 3.52996		337 Secs (428 Secs) *[==>428.0 Secs]*	 ***[1]***
3		(4) NGC-2808	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -0.39222,4.31439		337 Secs (428 Secs) *[==>428.0 Secs]*	 ***[1]***
4		(4) NGC-2808	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 5.88326,5.88326		337 Secs (428 Secs) *[==>428.0 Secs]*	 ***[1]***
5		(4) NGC-2808	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -5.83549,5.88326		337 Secs (429 Secs) *[==>429.0 Secs]*	 ***[1]***

Orbit Structure



Visit

Proposal 15857, NGC_5139_wCen_V36 (36), completed Wed Mar 09 16:01:05 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 150D TO 165 D

Diagnostics

(NGC_5139_wCen_V36 (36)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(Primary Exposure 1 (Prime + Parallel Group 1-2 in NGC_5139_wCen_V36 (36))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 3 (Prime + Parallel Group 3-4 in NGC_5139_wCen_V36 (36))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 5 (Prime + Parallel Group 5-6 in NGC_5139_wCen_V36 (36))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 7 (Prime + Parallel Group 7-8 in NGC_5139_wCen_V36 (36))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

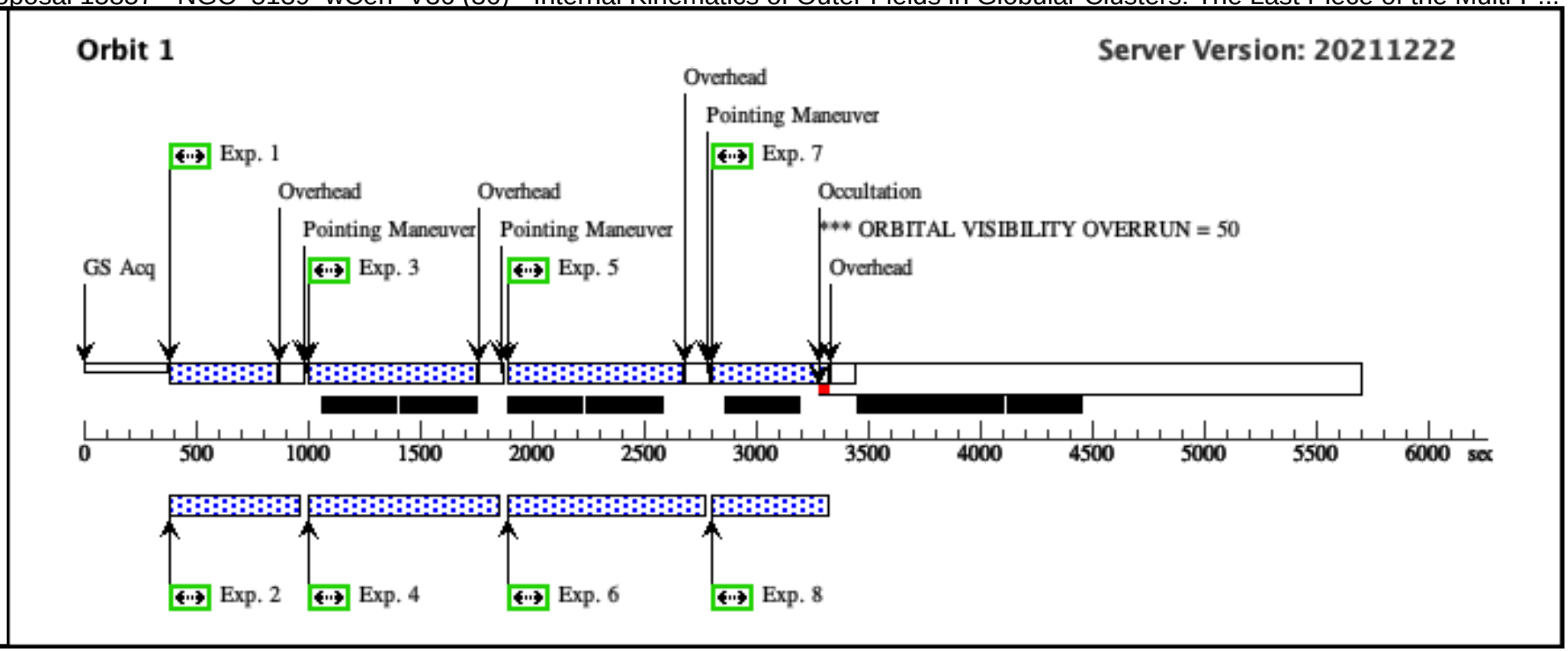
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	NGC-5139-OMEGA-CEN	RA: 13 26 14.4946 (201.5603942d) Dec: -47 39 12.68 (-47.65352d) Equinox: J2000	Proper Motion RA: -5.928302449291017E-4 sec of time/yr Proper Motion Dec: -0.005019999980504508 arcsec/yr Epoch of Position: 2015.5	V=5.33	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(5) NGC-5139-OMEGA-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG -1.28186,-4.13680	Prime + Parallel Group 1-2 in NGC_5139_wCen_V36 (36)	900 Secs (452 Secs) *[==>452.0 Secs]*	*[1]*
2		(5) NGC-5139-OMEGA-CEN	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in NGC_5139_wCen_V36 (36)	800 Secs (379 Secs) *[==>379.0 Secs]*	*[1]*
3		(5) NGC-5139-OMEGA-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -1.08186,-3.93680	Prime + Parallel Group 3-4 in NGC_5139_wCen_V36 (36)	900 Secs (730 Secs) *[==>730.0 Secs]*	*[1]*
4		(5) NGC-5139-OMEGA-CEN	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 3-4 in NGC_5139_wCen_V36 (36)	800 Secs (668 Secs) *[==>668.0 Secs]*	*[1]*
5		(5) NGC-5139-OMEGA-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 4.03783,-1.80683	Prime + Parallel Group 5-6 in NGC_5139_wCen_V36 (36)	900 Secs (780 Secs) *[==>780.0 Secs]*	*[1]*
6		(5) NGC-5139-OMEGA-CEN	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 5-6 in NGC_5139_wCen_V36 (36)	800 Secs (757 Secs) *[==>757.0 Secs]*	*[1]*
7		(5) NGC-5139-OMEGA-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG 3.83783,-2.00683	Prime + Parallel Group 7-8 in NGC_5139_wCen_V36 (36)	900 Secs (495 Secs) *[==>495 Secs]*	*[1]*
8		(5) NGC-5139-OMEGA-CEN	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in NGC_5139_wCen_V36 (36)	800 Secs (337 Secs) *[==>337.0 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 15857, NGC_5139_wCen_V37 (37), completed Wed Mar 09 16:01:05 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 150D TO 165 D

Diagnostics

(NGC_5139_wCen_V37 (37)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(Primary Exposure 1 (Prime + Parallel Group 1-2 in NGC_5139_wCen_V37 (37))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 3 (Prime + Parallel Group 3-4 in NGC_5139_wCen_V37 (37))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 5 (Prime + Parallel Group 5-6 in NGC_5139_wCen_V37 (37))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 7 (Prime + Parallel Group 7-8 in NGC_5139_wCen_V37 (37))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

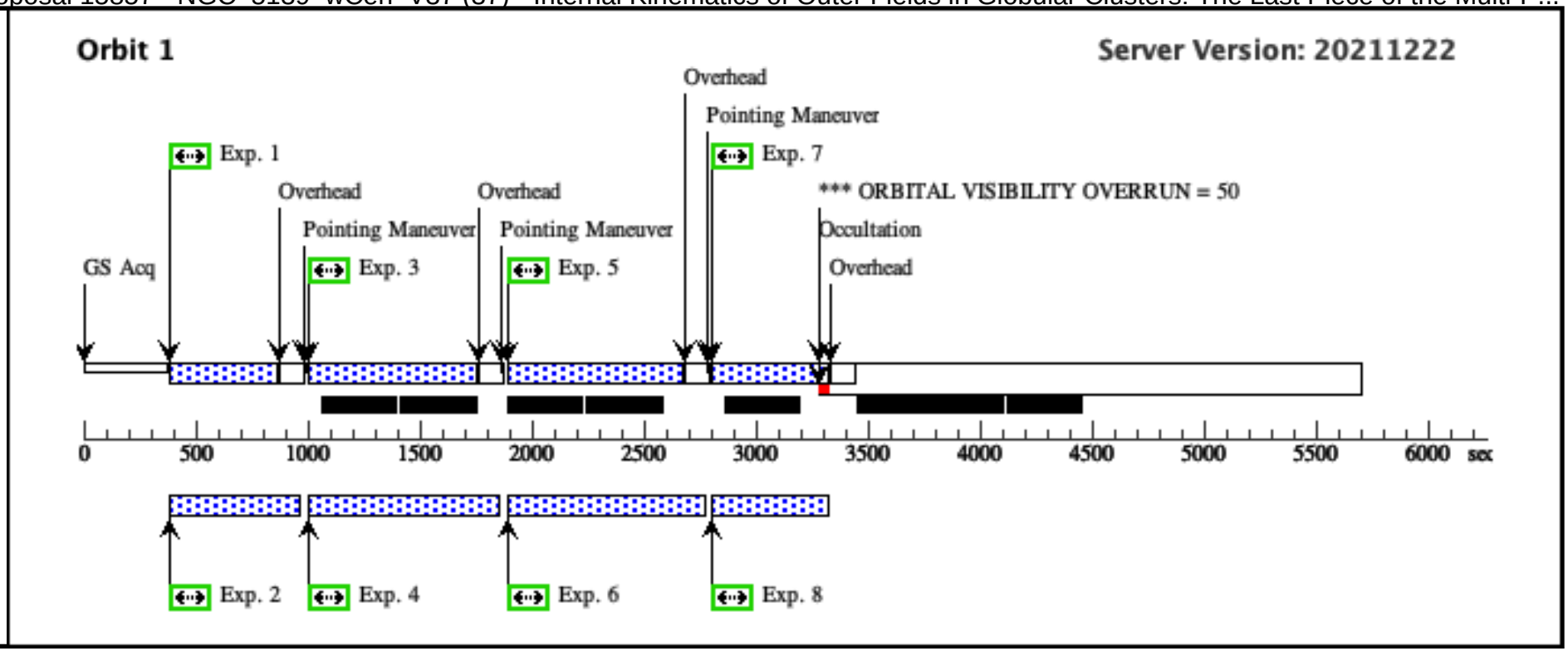
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	NGC-5139-OMEGA-CEN	RA: 13 26 14.4946 (201.5603942d) Dec: -47 39 12.68 (-47.65352d) Equinox: J2000	Proper Motion RA: -5.928302449291017E-4 sec of time/yr Proper Motion Dec: -0.005019999980504508 arcsec/yr Epoch of Position: 2015.5	V=5.33	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(5) NGC-5139-OMEGA-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG -3.83783 , 2.00683	Prime + Parallel Group 1-2 in NGC_5139_wCen_V37 (37)	900 Secs (452 Secs) *[==>452 Secs]*	*[1]*
2		(5) NGC-5139-OMEGA-CEN	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in NGC_5139_wCen_V37 (37)	800 Secs (379 Secs) *[==>379 Secs]*	*[1]*
3		(5) NGC-5139-OMEGA-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -3.63783 ,2.20683	Prime + Parallel Group 3-4 in NGC_5139_wCen_V37 (37)	900 Secs (730 Secs) *[==>730 Secs]*	*[1]*
4		(5) NGC-5139-OMEGA-CEN	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 3-4 in NGC_5139_wCen_V37 (37)	800 Secs (671 Secs) *[==>671 Secs]*	*[1]*
5		(5) NGC-5139-OMEGA-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG -0.43899, 1.73591	Prime + Parallel Group 5-6 in NGC_5139_wCen_V37 (37)	900 Secs (780 Secs) *[==>780 Secs]*	*[1]*
6		(5) NGC-5139-OMEGA-CEN	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 5-6 in NGC_5139_wCen_V37 (37)	800 Secs (757 Secs) *[==>757 Secs]*	*[1]*
7		(5) NGC-5139-OMEGA-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG -0.63899, 1.53591	Prime + Parallel Group 7-8 in NGC_5139_wCen_V37 (37)	900 Secs (495 Secs) *[==>495 Secs]*	*[1]*
8		(5) NGC-5139-OMEGA-CEN	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in NGC_5139_wCen_V37 (37)	800 Secs (337 Secs) *[==>337 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 15857, NGC_5139_wCen_V38 (38), completed Wed Mar 09 16:01:05 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 150D TO 165 D

Diagnostics

(NGC_5139_wCen_V38 (38)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(Primary Exposure 1 (Prime + Parallel Group 1-2 in NGC_5139_wCen_V38 (38))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 3 (Prime + Parallel Group 3-4 in NGC_5139_wCen_V38 (38))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 5 (Prime + Parallel Group 5-6 in NGC_5139_wCen_V38 (38))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Primary Exposure 7 (Prime + Parallel Group 7-8 in NGC_5139_wCen_V38 (38))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

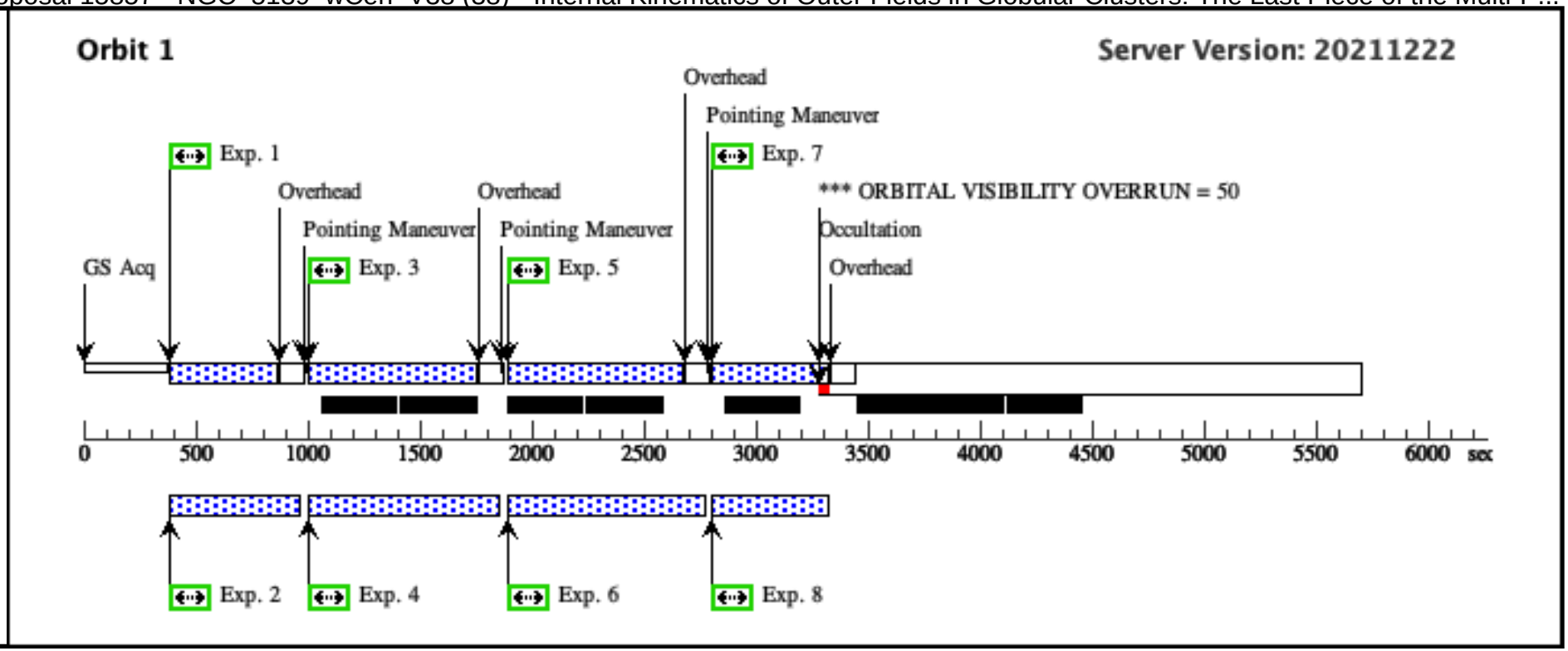
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	NGC-5139-OMEGA-CEN	RA: 13 26 14.4946 (201.5603942d) Dec: -47 39 12.68 (-47.65352d) Equinox: J2000	Proper Motion RA: -5.928302449291017E-4 sec of time/yr Proper Motion Dec: -0.005019999980504508 arcsec/yr Epoch of Position: 2015.5	V=5.33	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(5) NGC-5139-OMEGA-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG 1.28186 ,4.13680	Prime + Parallel Group 1-2 in NGC_5139_wCen_V38 (38)	900 Secs (452 Secs) *[==>452 Secs]*	*[1]*
2		(5) NGC-5139-OMEGA-CEN	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in NGC_5139_wCen_V38 (38)	800 Secs (379 Secs) *[==>379 Secs]*	*[1]*
3		(5) NGC-5139-OMEGA-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 1.48186 ,4.33680	Prime + Parallel Group 3-4 in NGC_5139_wCen_V38 (38)	900 Secs (730 Secs) *[==>730 Secs]*	*[1]*
4		(5) NGC-5139-OMEGA-CEN	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 3-4 in NGC_5139_wCen_V38 (38)	800 Secs (668 Secs) *[==>668 Secs]*	*[1]*
5		(5) NGC-5139-OMEGA-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12	POS TARG 0.83899, -1.33591	Prime + Parallel Group 5-6 in NGC_5139_wCen_V38 (38)	900 Secs (780 Secs) *[==>780 Secs]*	*[1]*
6		(5) NGC-5139-OMEGA-CEN	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 5-6 in NGC_5139_wCen_V38 (38)	800 Secs (757 Secs) *[==>757 Secs]*	*[1]*
7		(5) NGC-5139-OMEGA-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12	POS TARG 0.63899, -1.53591	Prime + Parallel Group 7-8 in NGC_5139_wCen_V38 (38)	900 Secs (495 Secs) *[==>495 Secs]*	*[1]*
8		(5) NGC-5139-OMEGA-CEN	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in NGC_5139_wCen_V38 (38)	800 Secs (337 Secs) *[==>337 Secs]*	*[1]*

Orbit Structure



Visit

Proposal 15857, NGC_5139_wCen_V39 (39), completed Wed Mar 09 16:01:05 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS, ACS/WFC

Special Requirements: ORIENT 333D TO 343 D

Diagnostics

(NGC_5139_wCen_V39 (39)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(Parallel Exposure 2 (Prime + Parallel Group 1-2 in NGC_5139_wCen_V39 (39))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Parallel Exposure 4 (Prime + Parallel Group 3-4 in NGC_5139_wCen_V39 (39))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Parallel Exposure 6 (Prime + Parallel Group 5-6 in NGC_5139_wCen_V39 (39))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

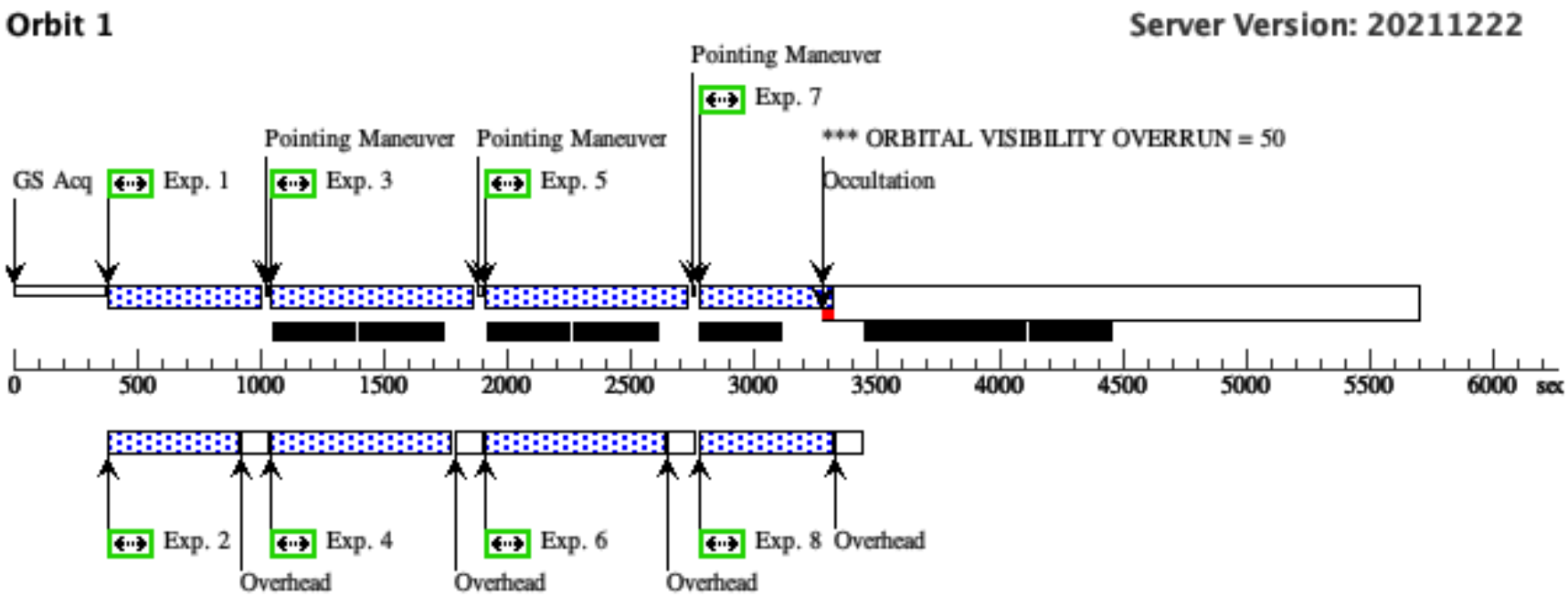
(Parallel Exposure 8 (Prime + Parallel Group 7-8 in NGC_5139_wCen_V39 (39))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	NGC-5139-OMEGA-CEN	RA: 13 26 14.4946 (201.5603942d) Dec: -47 39 12.68 (-47.65352d) Equinox: J2000	Proper Motion RA: -5.928302449291017E-4 sec of time/yr Proper Motion Dec: -0.005019999980504508 arcsec/yr Epoch of Position: 2015.5	V=5.33	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STELLAR CLUSTER
Description=[GLOBULAR CLUSTER]

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(5) NGC-5139-OMEGA-CEN	ACS/WFC, ACCUM, WFC	F606W		POS TARG 2.00683,-3.83783 ; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in NGC_5139_wCen_V39 (39)	337 Secs (417 Secs) *[==>417.0 Secs]*	*[1]*
2		(5) NGC-5139-OMEGA-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12		Prime + Parallel Group 1-2 in NGC_5139_wCen_V39 (39)	337 Secs (497 Secs) *[==>497.0 Secs]*	*[1]*
3		(5) NGC-5139-OMEGA-CEN	ACS/WFC, ACCUM, WFC	F606W		POS TARG 4.13680,1.28186	Prime + Parallel Group 3-4 in NGC_5139_wCen_V39 (39)	337 Secs (700 Secs) *[==>700.0 Secs]*	*[1]*
4		(5) NGC-5139-OMEGA-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12		Prime + Parallel Group 3-4 in NGC_5139_wCen_V39 (39)	337 Secs (710 Secs) *[==>710.0 Secs]*	*[1]*
5		(5) NGC-5139-OMEGA-CEN	ACS/WFC, ACCUM, WFC	F606W		POS TARG -4.13680,-1.28186	Prime + Parallel Group 5-6 in NGC_5139_wCen_V39 (39)	337 Secs (700 Secs) *[==>700.0 Secs]*	*[1]*
6		(5) NGC-5139-OMEGA-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=12		Prime + Parallel Group 5-6 in NGC_5139_wCen_V39 (39)	337 Secs (730 Secs) *[==>730.0 Secs]*	*[1]*
7		(5) NGC-5139-OMEGA-CEN	ACS/WFC, ACCUM, WFC	F606W		POS TARG -2.00683,3.83783	Prime + Parallel Group 7-8 in NGC_5139_wCen_V39 (39)	337 Secs (417 Secs) *[==>417.0 Secs]*	*[1]*
8		(5) NGC-5139-OMEGA-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=12		Prime + Parallel Group 7-8 in NGC_5139_wCen_V39 (39)	337 Secs (520 Secs) *[==>520.0 Secs]*	*[1]*

Orbit Structure