



## 15986 - WFC3 mosaic of NGC 2020 and NGC 2014

Cycle: 26, Proposal Category: GO/DD

(Availability Mode: SUPPORTED)

### INVESTIGATORS

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### VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) NGC-2020	WFC3/UVIS	3	17-Jan-2020 18:01:11.0	yes
02	(1) NGC-2020	WFC3/UVIS	3	17-Jan-2020 18:01:14.0	yes
03	(1) NGC-2020	WFC3/UVIS	3	17-Jan-2020 18:01:17.0	yes
04	(1) NGC-2020	WFC3/UVIS	3	17-Jan-2020 18:01:20.0	yes
05	(1) NGC-2020	WFC3/UVIS	3	17-Jan-2020 18:01:23.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
06	(1) NGC-2020	WFC3/UVIS	3	17-Jan-2020 18:01:26.0	yes
07	(1) NGC-2020	WFC3/UVIS	3	17-Jan-2020 18:01:29.0	yes
08	(1) NGC-2020	WFC3/UVIS	3	17-Jan-2020 18:01:32.0	yes
09	(1) NGC-2020	WFC3/UVIS	3	17-Jan-2020 18:01:35.0	yes
10	(1) NGC-2020	WFC3/UVIS	3	17-Jan-2020 18:01:38.0	yes
11	(1) NGC-2020	WFC3/UVIS	3	17-Jan-2020 18:01:40.0	yes
12	(1) NGC-2020	WFC3/UVIS	3	17-Jan-2020 18:01:44.0	yes
44	(4) NGC-2014-C	WFC3/UVIS	2	17-Jan-2020 18:01:46.0	yes
55	(2) NGC-2014-A	WFC3/UVIS	3	17-Jan-2020 18:01:48.0	yes
22	(3) NGC-2014-B	WFC3/UVIS	2	17-Jan-2020 18:01:50.0	yes

43 Total Orbits Used

## ABSTRACT

We will utilize WFC3 to create a large mosaic of NGC 2020 and NGC 2014 in the Large Magellanic Cloud.

## OBSERVING DESCRIPTION

We request 36 orbits to make a large WFC3 mosaic of NGC 2020 and NGC 2014 in the Large Magellanic Cloud (LMC). With a 4x3 mosaic and three HST orbits per tile, we will obtain deep narrow band imaging with two filters (F502N, F657N). We will also include shorter broadband exposures (F475W, F814W) both for continuum subtraction and to obtain colors for the many stars in this crowded LMC field. We will perform an expanded 3-step WFC3 gap dither for excellent rejection of cosmic rays and detector artifacts. The gap shift is exaggerated to make each tile a half-mosaic step that can be done in one visit (with the same guide stars). This modified gap dither helps to stretch the mosaic to fully cover NGC 2020 and the nebulosity around NGC 2014. It also helps mitigate saturation and ghosting which we expect due to the crowded LMC star field. These observations can be executed at the desired ORIENT angle range of 21-32 degrees in early January 2020, and could easily be converted to one-gyro mode if necessary. Our desired orient is optimal for standard three-gyro mode, but is not required. Switching to one-gyro mode would mainly require us to reduce exposure times, in which case we might consider switching to a smaller mosaic to maintain the desired signal-to-noise. We understand that the orientations of some mosaic tiles may need to vary a bit for schedulability, and we will work with our Program Coordinator to adjust the

orients and tile overlaps to ensure continuous coverage.

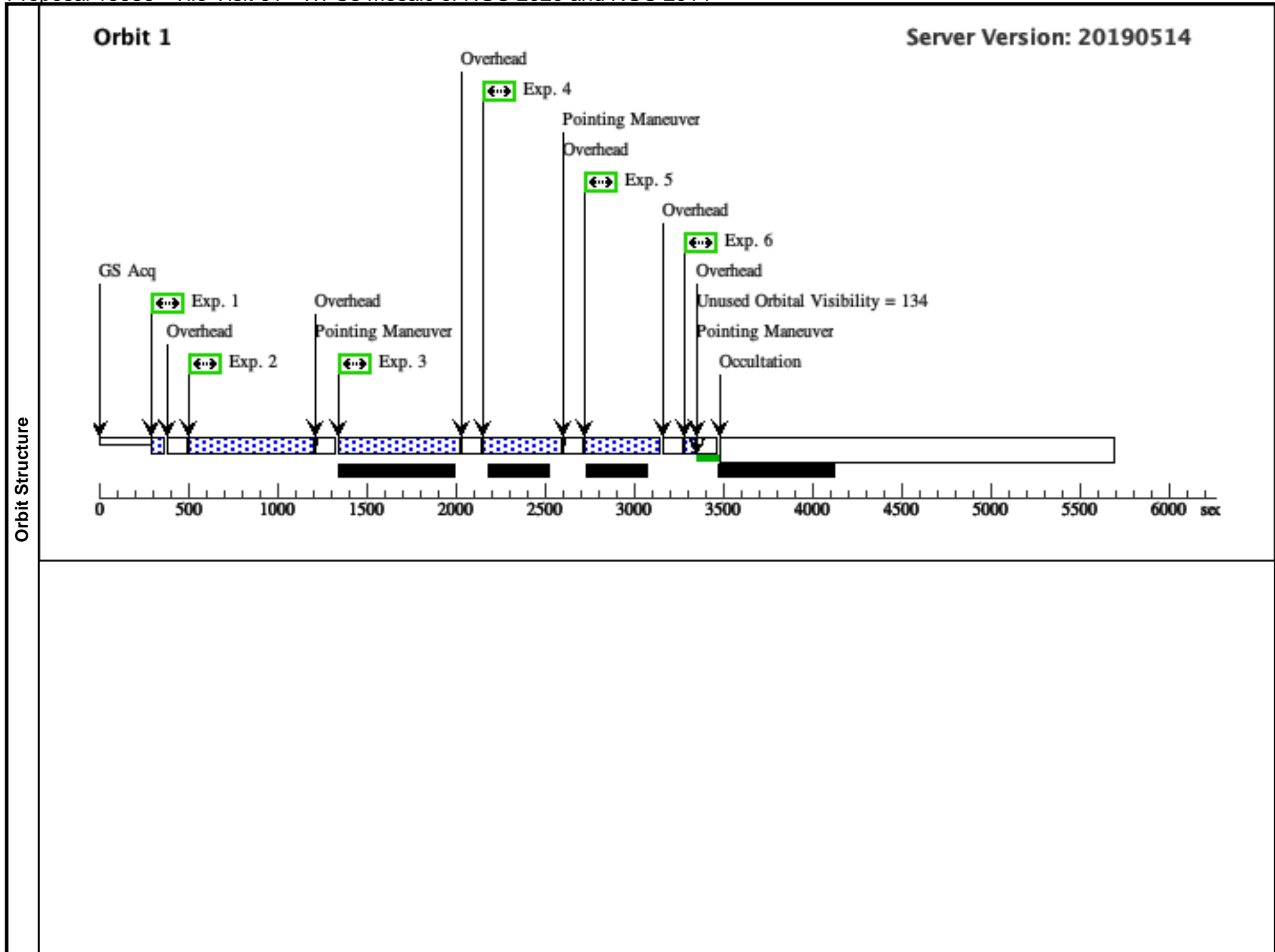
Visits 04, 05, and 12 failed due to guide star acquisition errors, and will be repeated as visits 44, 55, and 22 (which has been approved by the TTRB). These repeat visits must be done a month later and therefore at an orientation about 30 degrees rotated from the original, requiring dithers that can cover a similar area to avoid missing data in the mosaic. These repeat visits require that separate target specifications (NGC 2014 A,B,C) be specified.

Proposal 15986 - Tile Visit 01 - WFC3 mosaic of NGC 2020 and NGC 2014

<b>Visit</b>	Proposal 15986, Tile Visit 01, completed <span style="float: right;">Fri Jan 17 23:01:51 GMT 2020</span> Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 05					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		NGC-2020	RA: 05 32 17.5713 (83.0732138d) Dec: -67 42 21.58 (-67.70599d) Equinox: J2000	Epoch of Position: 2015.5	V=16+/-5	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=ISM Description=[HII REGION, STAR FORMING REGION] Extended=YES						

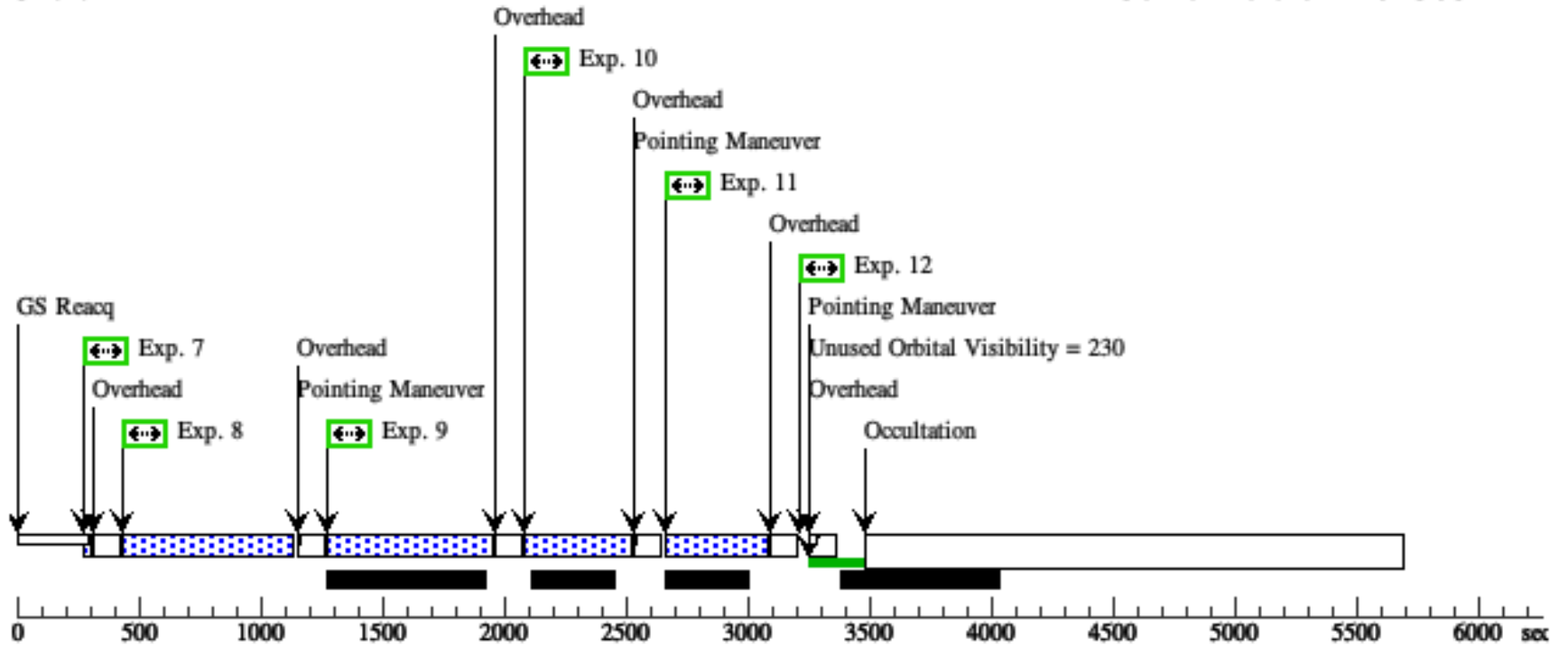
Proposal 15986 - Tile Visit 01 - WFC3 mosaic of NGC 2020 and NGC 2014

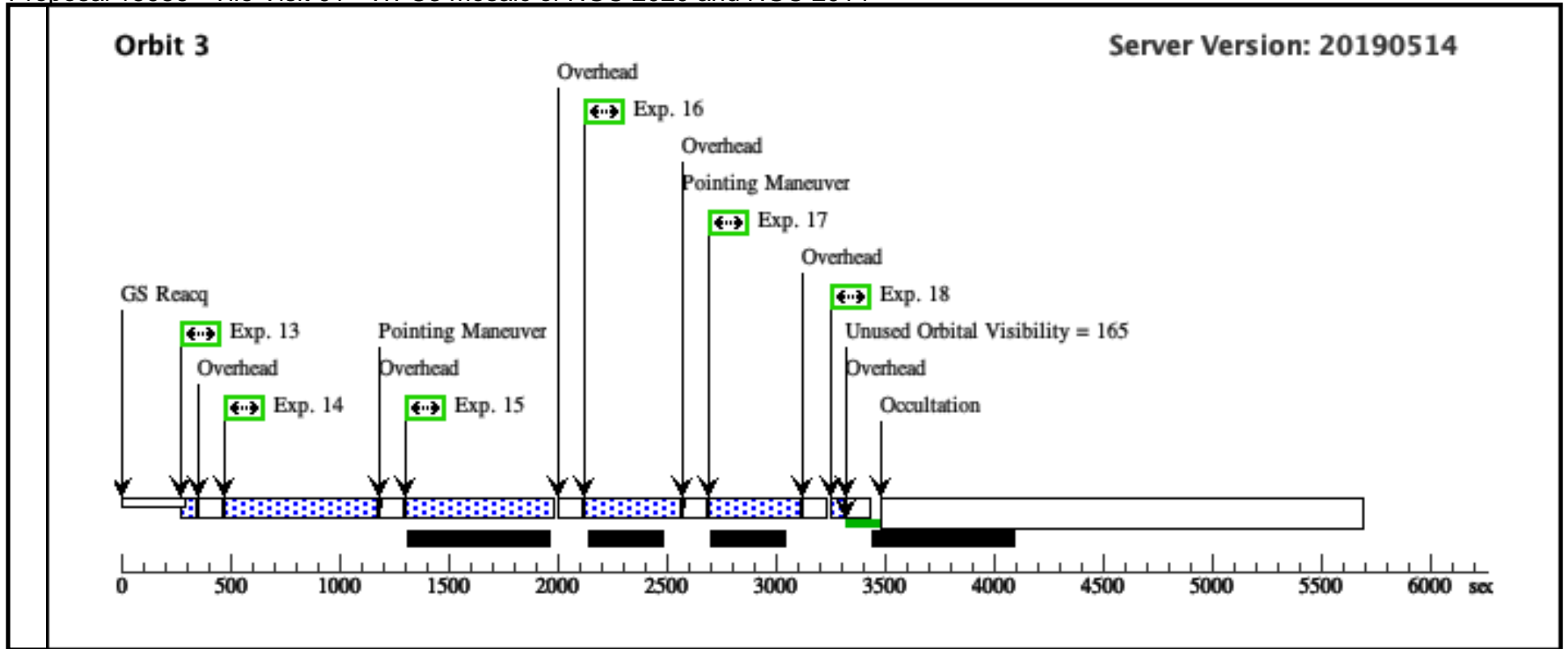
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG -155.28 251911647658,-249. 28814851237246		40 Secs (40 Secs) [==>]	[1]
	2	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,-249. 28814851237246		680 Secs (680 Secs) [==>]	[1]
	3	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,-248. 28814851237246		680 Secs (680 Secs) [==>]	[1]
	4	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,-248. 28814851237246		420 Secs (420 Secs) [==>]	[1]
	5	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,-249. 28814851237246		420 Secs (420 Secs) [==>]	[1]
	6	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG -155.28 251911647658,-249. 28814851237246		30 Secs (30 Secs) [==>]	[1]
	7	(WFC3UVI S.im.139100 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=12	POS TARG -155.28 251911647658,-212. 28814851237246		3 Secs (3 Secs) [==>]	[2]
	8	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,-212. 28814851237246		680 Secs (680 Secs) [==>]	[2]
	9	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,-211. 28814851237246		680 Secs (680 Secs) [==>]	[2]
	10	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,-211. 28814851237246		420 Secs (420 Secs) [==>]	[2]
	11	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,-212. 28814851237246		420 Secs (420 Secs) [==>]	[2]
	12	(WFC3UVI S.im.139101 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=12	POS TARG -155.28 251911647658,-212. 28814851237246		2 Secs (2 Secs) [==>]	[2]
	13	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG -155.28 251911647658,-175. 28814851237246		40 Secs (40 Secs) [==>]	[3]
	14	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,-175. 28814851237246		680 Secs (680 Secs) [==>]	[3]
	15	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,-174. 28814851237246		680 Secs (680 Secs) [==>]	[3]
	16	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,-174. 28814851237246		420 Secs (420 Secs) [==>]	[3]
	17	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,-175. 28814851237246		420 Secs (420 Secs) [==>]	[3]
18	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG -155.28 251911647658,-175. 28814851237246		30 Secs (30 Secs) [==>]	[3]	



Orbit 2

Server Version: 20190514





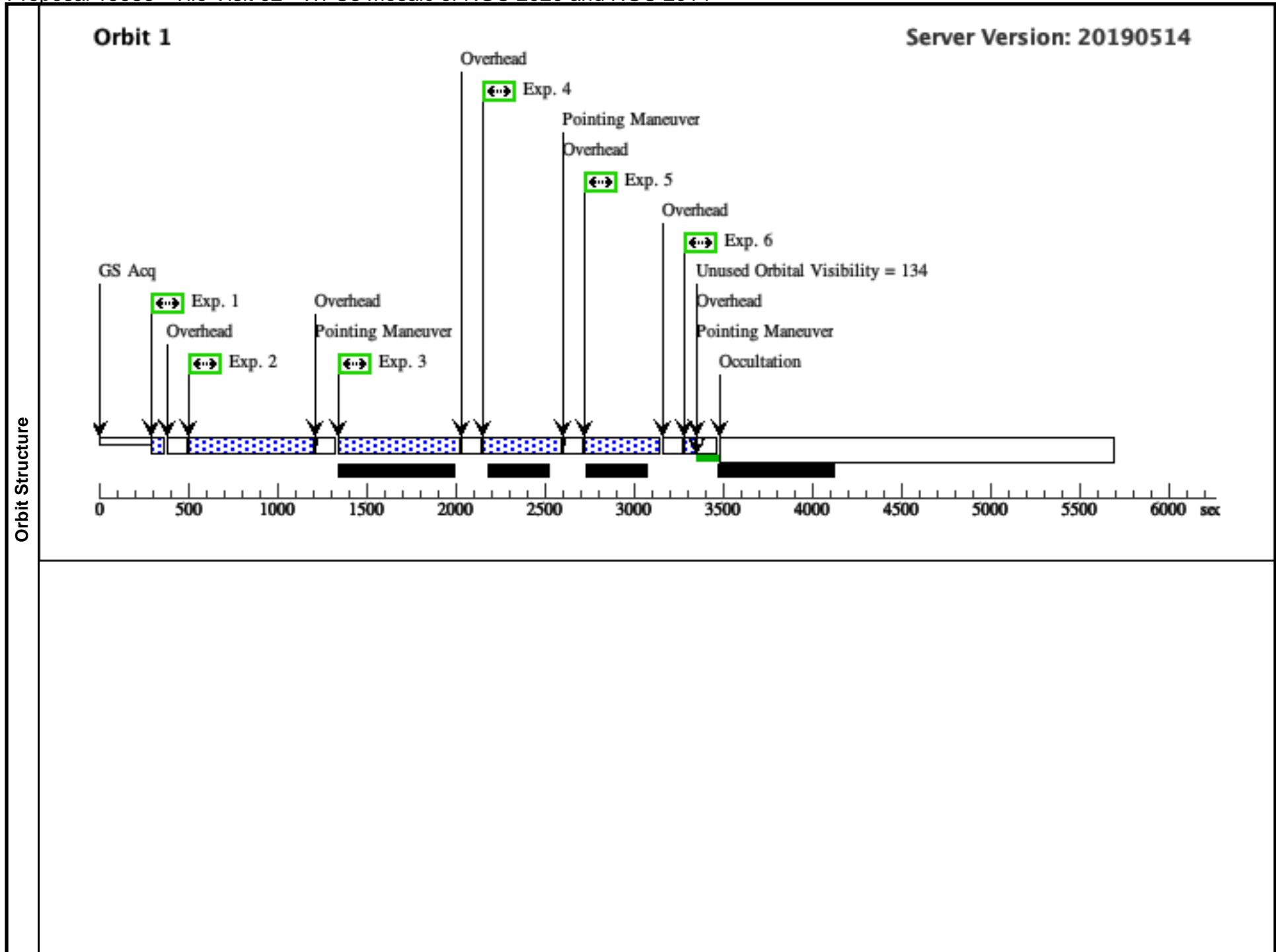


Proposal 15986 - Tile Visit 02 - WFC3 mosaic of NGC 2020 and NGC 2014

<b>Visit</b>	Proposal 15986, Tile Visit 02, completed <span style="float: right;">Fri Jan 17 23:01:52 GMT 2020</span> Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 05					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		NGC-2020	RA: 05 32 17.5713 (83.0732138d) Dec: -67 42 21.58 (-67.70599d) Equinox: J2000	Epoch of Position: 2015.5	V=16+/-5	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=ISM Description=[HII REGION, STAR FORMING REGION] Extended=YES						

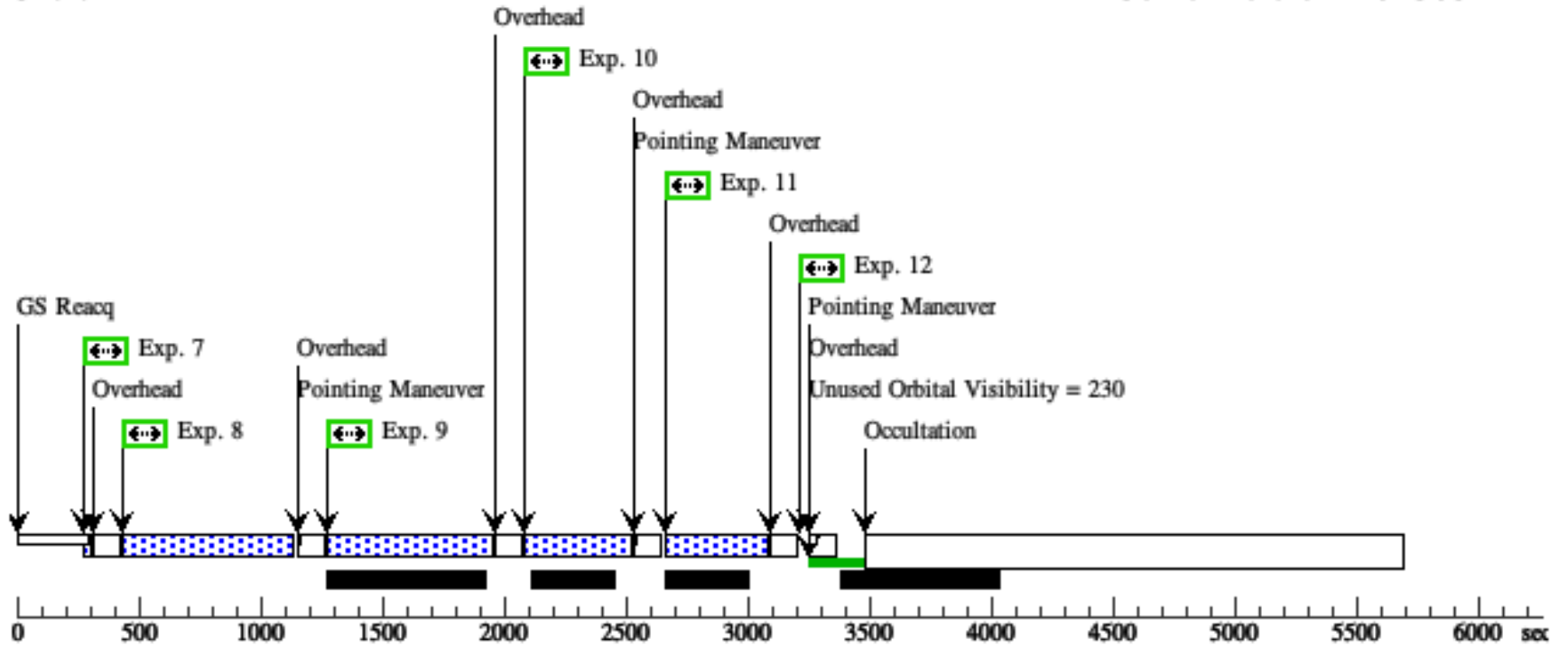
Proposal 15986 - Tile Visit 02 - WFC3 mosaic of NGC 2020 and NGC 2014

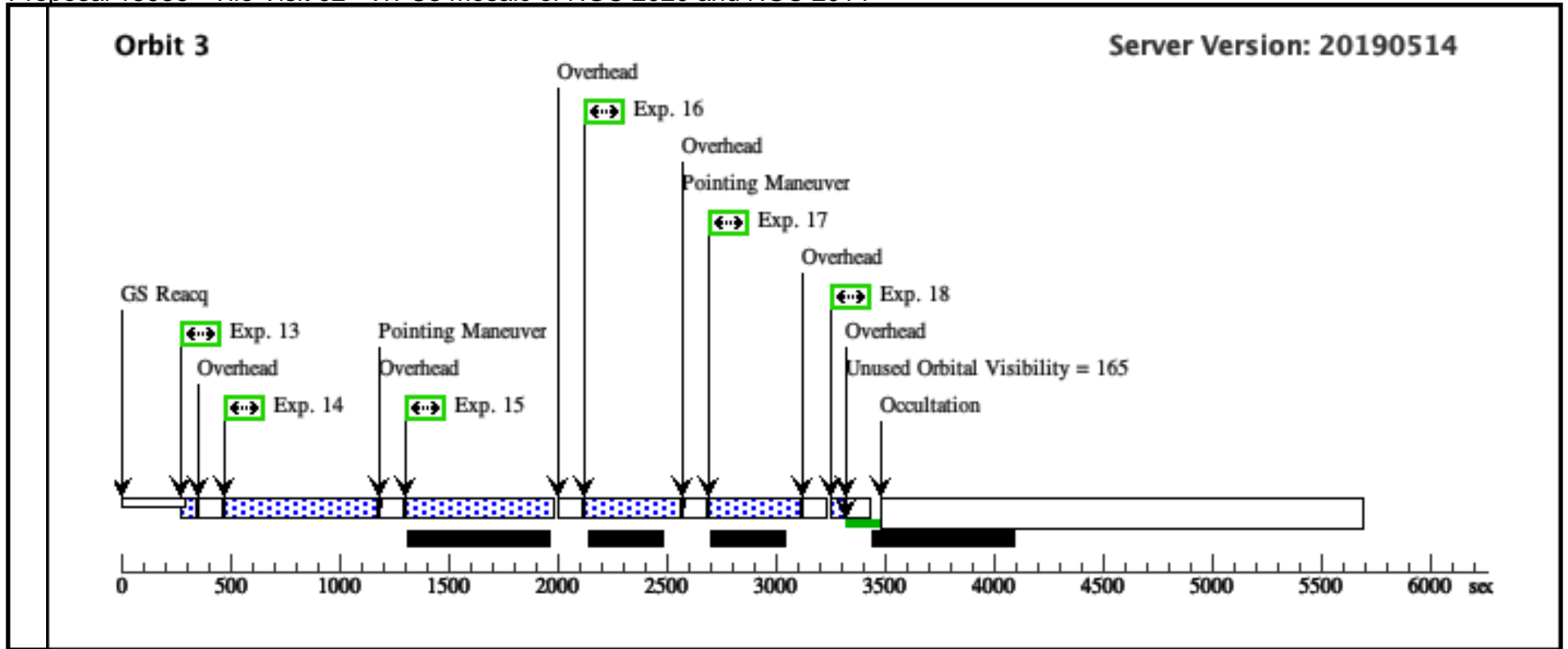
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG 0.0,-238 .42973700000005	40 Secs (40 Secs)	[==>]	[1]
	2	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,-238 .42973700000005	680 Secs (680 Secs)	[==>]	[1]
	3	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,-237 .42973700000005	680 Secs (680 Secs)	[==>]	[1]
	4	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,-237 .42973700000005	420 Secs (420 Secs)	[==>]	[1]
	5	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,-238 .42973700000005	420 Secs (420 Secs)	[==>]	[1]
	6	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG 0.0,-238 .42973700000005	30 Secs (30 Secs)	[==>]	[1]
	7	(WFC3UVI S.im.139100 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=12	POS TARG 0.0,-201 .42973700000005	3 Secs (3 Secs)	[==>]	[2]
	8	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,-201 .42973700000005	680 Secs (680 Secs)	[==>]	[2]
	9	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,-200 .42973700000005	680 Secs (680 Secs)	[==>]	[2]
	10	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,-200 .42973700000005	420 Secs (420 Secs)	[==>]	[2]
	11	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,-201 .42973700000005	420 Secs (420 Secs)	[==>]	[2]
	12	(WFC3UVI S.im.139101 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=12	POS TARG 0.0,-201 .42973700000005	2 Secs (2 Secs)	[==>]	[2]
	13	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG 0.0,-164 .42973700000005	40 Secs (40 Secs)	[==>]	[3]
	14	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,-164 .42973700000005	680 Secs (680 Secs)	[==>]	[3]
	15	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,-163 .42973700000005	680 Secs (680 Secs)	[==>]	[3]
	16	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,-163 .42973700000005	420 Secs (420 Secs)	[==>]	[3]
	17	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,-164 .42973700000005	420 Secs (420 Secs)	[==>]	[3]
	18	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG 0.0,-164 .42973700000005	30 Secs (30 Secs)	[==>]	[3]



Orbit 2

Server Version: 20190514



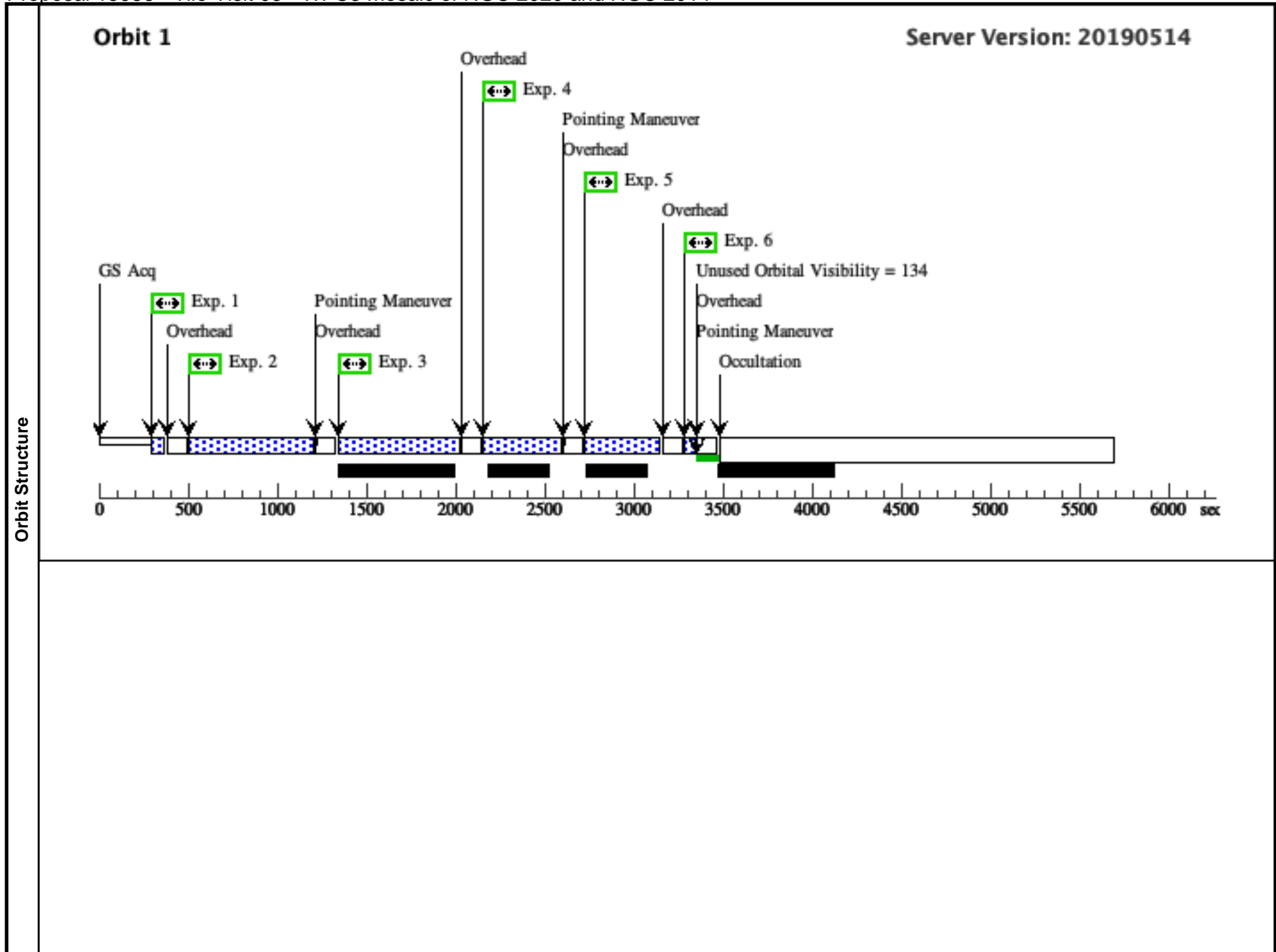


Proposal 15986 - Tile Visit 03 - WFC3 mosaic of NGC 2020 and NGC 2014

<b>Visit</b>	Proposal 15986, Tile Visit 03, completed <span style="float: right;">Fri Jan 17 23:01:52 GMT 2020</span> Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 05					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		NGC-2020	RA: 05 32 17.5713 (83.0732138d) Dec: -67 42 21.58 (-67.70599d) Equinox: J2000	Epoch of Position: 2015.5	V=16+/-5	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=ISM Description=[HII REGION, STAR FORMING REGION] Extended=YES						

Proposal 15986 - Tile Visit 03 - WFC3 mosaic of NGC 2020 and NGC 2014

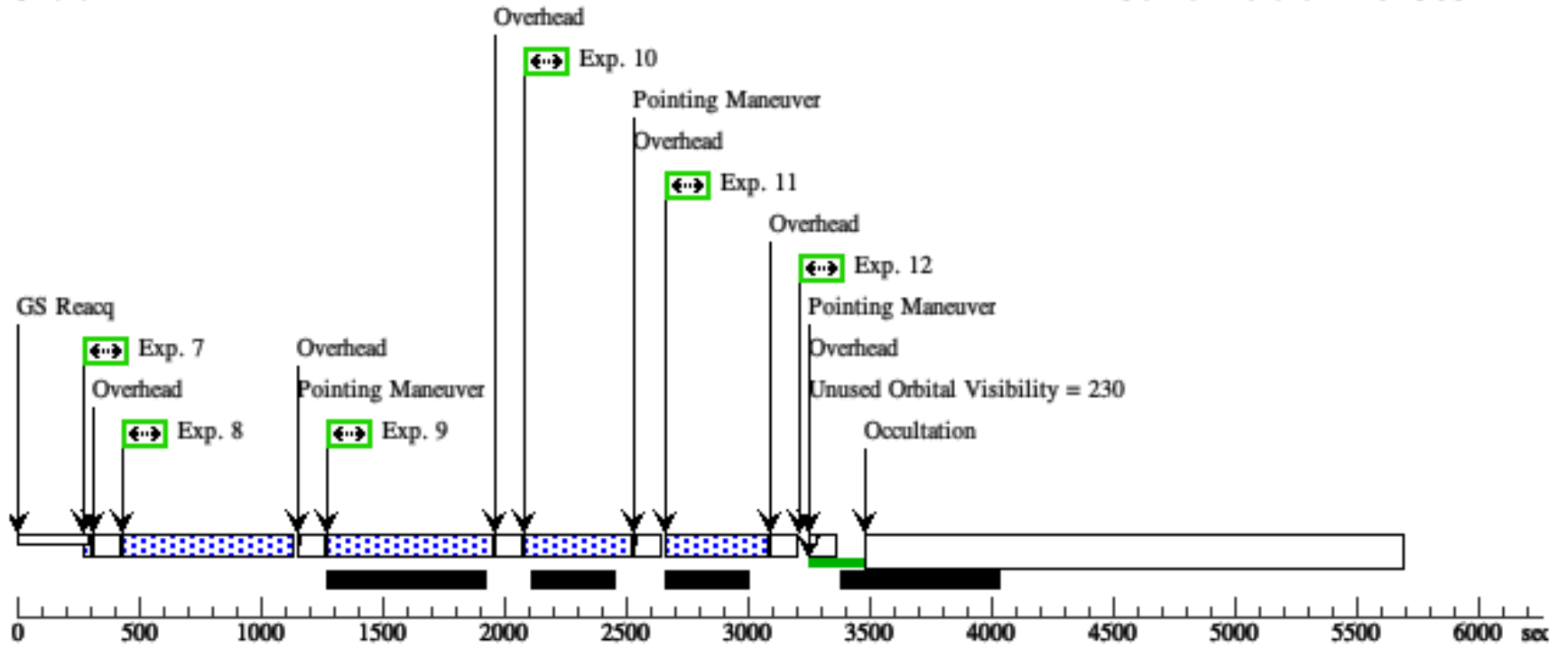
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG 155.282 51911647658,-227.5 7132548762763	40 Secs (40 Secs)	[==>]	[1]
	2	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,-227.5 7132548762763	680 Secs (680 Secs)	[==>]	[1]
	3	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,-226.5 7132548762763	680 Secs (680 Secs)	[==>]	[1]
	4	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,-226.5 7132548762763	420 Secs (420 Secs)	[==>]	[1]
	5	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,-227.5 7132548762763	420 Secs (420 Secs)	[==>]	[1]
	6	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG 155.282 51911647658,-227.5 7132548762763	30 Secs (30 Secs)	[==>]	[1]
	7	(WFC3UVI S.im.139100 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=12	POS TARG 155.282 51911647658,-190.5 7132548762763	3 Secs (3 Secs)	[==>]	[2]
	8	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,-190.5 7132548762763	680 Secs (680 Secs)	[==>]	[2]
	9	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,-189.5 7132548762763	680 Secs (680 Secs)	[==>]	[2]
	10	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,-189.5 7132548762763	420 Secs (420 Secs)	[==>]	[2]
	11	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,-190.5 7132548762763	420 Secs (420 Secs)	[==>]	[2]
	12	(WFC3UVI S.im.139101 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=12	POS TARG 155.282 51911647658,-190.5 7132548762763	2 Secs (2 Secs)	[==>]	[2]
	13	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG 155.282 51911647658,-153.5 7132548762763	40 Secs (40 Secs)	[==>]	[3]
	14	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,-153.5 7132548762763	680 Secs (680 Secs)	[==>]	[3]
	15	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,-152.5 7132548762763	680 Secs (680 Secs)	[==>]	[3]
	16	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,-152.5 7132548762763	420 Secs (420 Secs)	[==>]	[3]
	17	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,-153.5 7132548762763	420 Secs (420 Secs)	[==>]	[3]
	18	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG 155.282 51911647658,-153.5 7132548762763	30 Secs (30 Secs)	[==>]	[3]

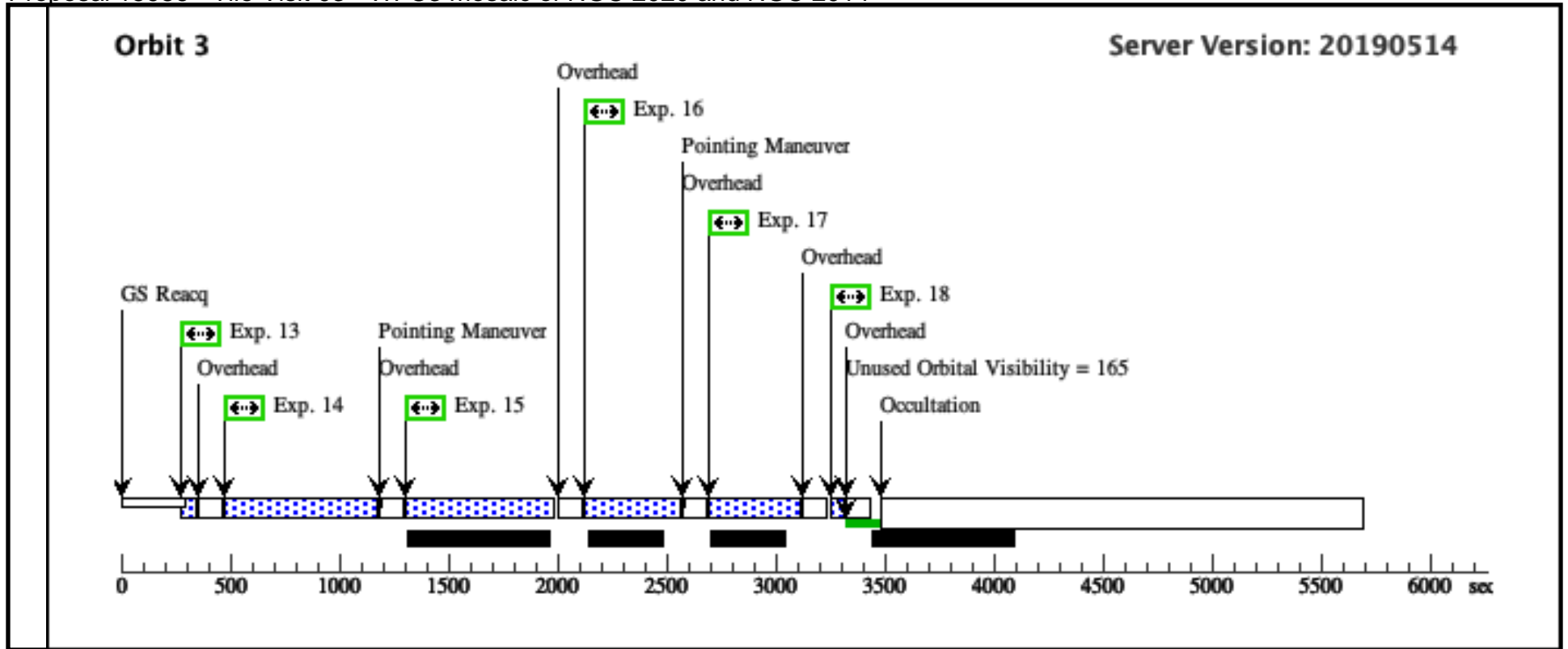




**Orbit 2**

**Server Version: 20190514**



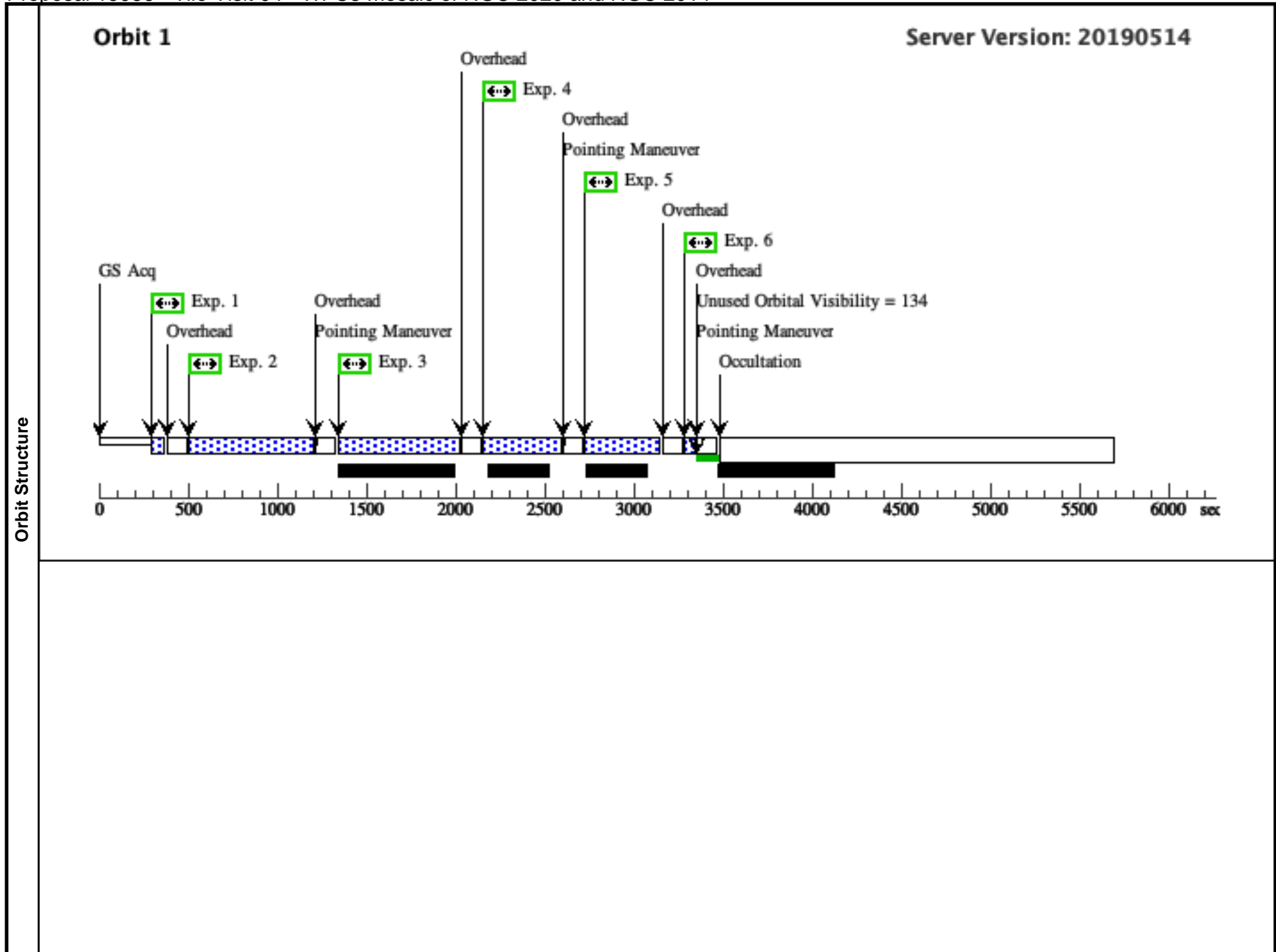


Proposal 15986 - Tile Visit 04 - WFC3 mosaic of NGC 2020 and NGC 2014

<b>Visit</b>	Proposal 15986, Tile Visit 04, failed <span style="float: right;">Fri Jan 17 23:01:52 GMT 2020</span> Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 05					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		NGC-2020	RA: 05 32 17.5713 (83.0732138d) Dec: -67 42 21.58 (-67.70599d) Equinox: J2000	Epoch of Position: 2015.5	V=16+/-5	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=ISM Description=[HII REGION, STAR FORMING REGION] Extended=YES						

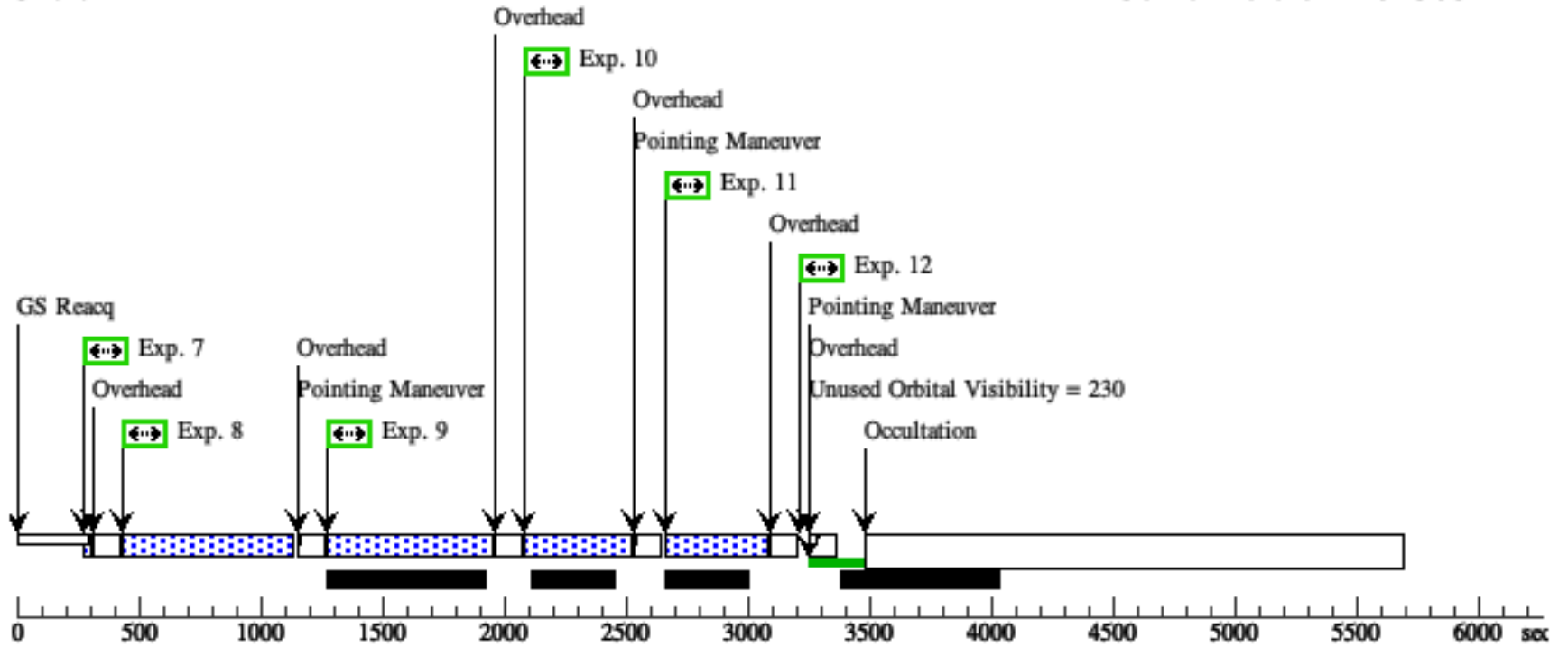
Proposal 15986 - Tile Visit 04 - WFC3 mosaic of NGC 2020 and NGC 2014

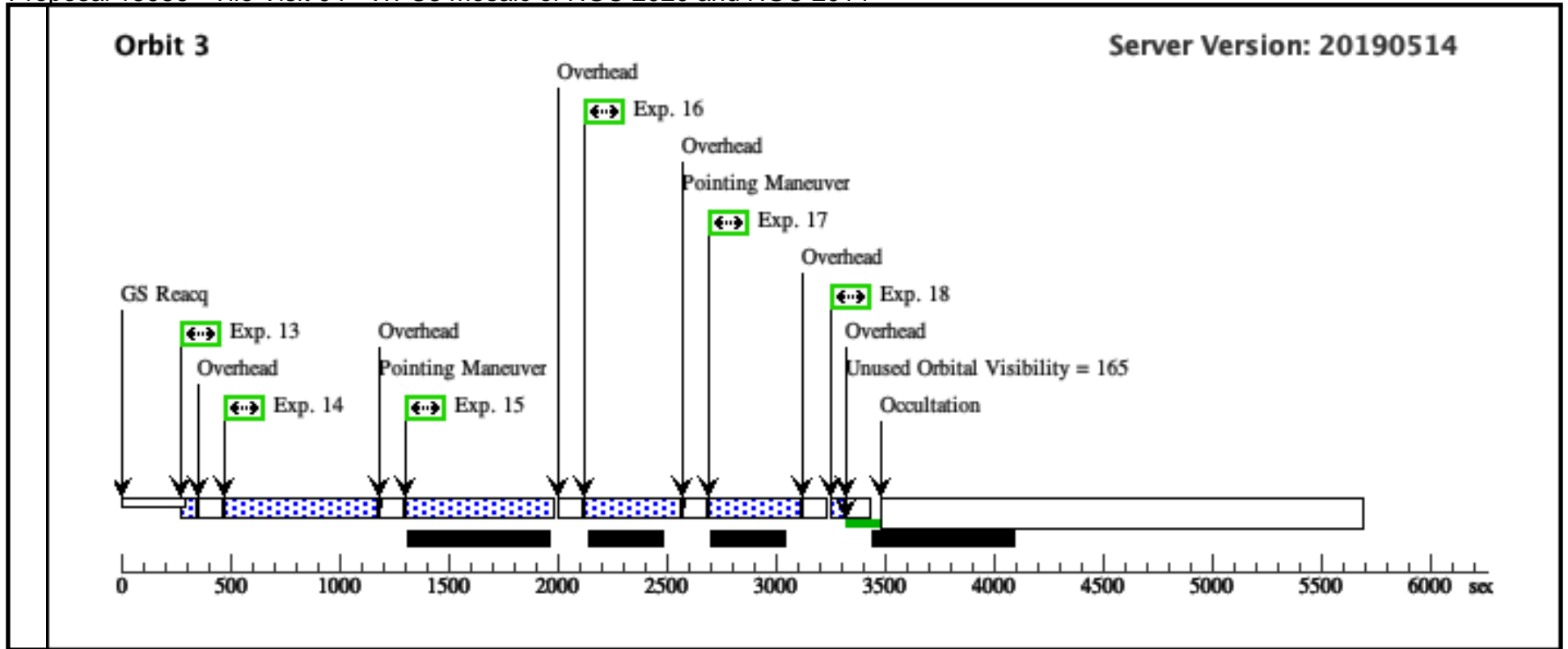
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG -155.28 251911647658,-90.3 3499051237243	40 Secs (40 Secs)	[==>]	[1]
	2	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,-90.3 3499051237243	680 Secs (680 Secs)	[==>]	[1]
	3	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,-89.3 3499051237243	680 Secs (680 Secs)	[==>]	[1]
	4	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,-89.3 3499051237243	420 Secs (420 Secs)	[==>]	[1]
	5	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,-90.3 3499051237243	420 Secs (420 Secs)	[==>]	[1]
	6	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG -155.28 251911647658,-90.3 3499051237243	30 Secs (30 Secs)	[==>]	[1]
	7	(WFC3UVI S.im.139100 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=12	POS TARG -155.28 251911647658,-53.3 3499051237243	3 Secs (3 Secs)	[==>]	[2]
	8	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,-53.3 3499051237243	680 Secs (680 Secs)	[==>]	[2]
	9	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,-52.3 3499051237243	680 Secs (680 Secs)	[==>]	[2]
	10	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,-52.3 3499051237243	420 Secs (420 Secs)	[==>]	[2]
	11	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,-53.3 3499051237243	420 Secs (420 Secs)	[==>]	[2]
	12	(WFC3UVI S.im.139101 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=12	POS TARG -155.28 251911647658,-53.3 3499051237243	2 Secs (2 Secs)	[==>]	[2]
	13	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG -155.28 251911647658,-16.3 3499051237243	40 Secs (40 Secs)	[==>]	[3]
	14	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,-16.3 3499051237243	680 Secs (680 Secs)	[==>]	[3]
	15	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,-15.3 34990512372428	680 Secs (680 Secs)	[==>]	[3]
	16	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,-15.3 34990512372428	420 Secs (420 Secs)	[==>]	[3]
	17	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,-16.3 3499051237243	420 Secs (420 Secs)	[==>]	[3]
	18	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG -155.28 251911647658,-16.3 3499051237243	30 Secs (30 Secs)	[==>]	[3]



**Orbit 2**

**Server Version: 20190514**





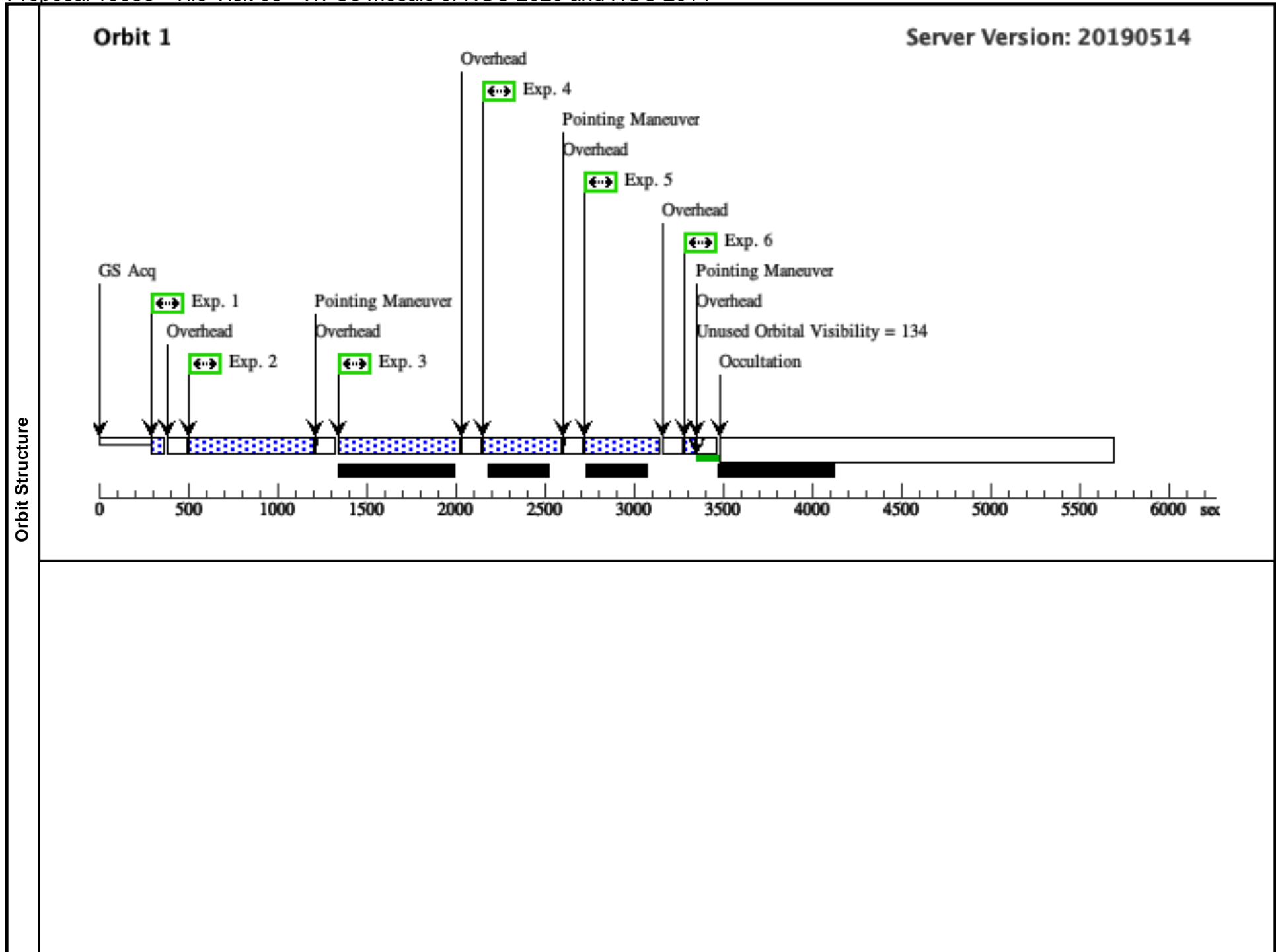
Proposal 15986 - Tile Visit 05 - WFC3 mosaic of NGC 2020 and NGC 2014

<b>Visit</b>	Proposal 15986, Tile Visit 05, failed <span style="float: right;">Fri Jan 17 23:01:52 GMT 2020</span> Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: ORIENT 21D TO 23 D					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		NGC-2020	RA: 05 32 17.5713 (83.0732138d) Dec: -67 42 21.58 (-67.70599d) Equinox: J2000	Epoch of Position: 2015.5	V=16+/-5	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=ISM Description=[HII REGION, STAR FORMING REGION] Extended=YES						



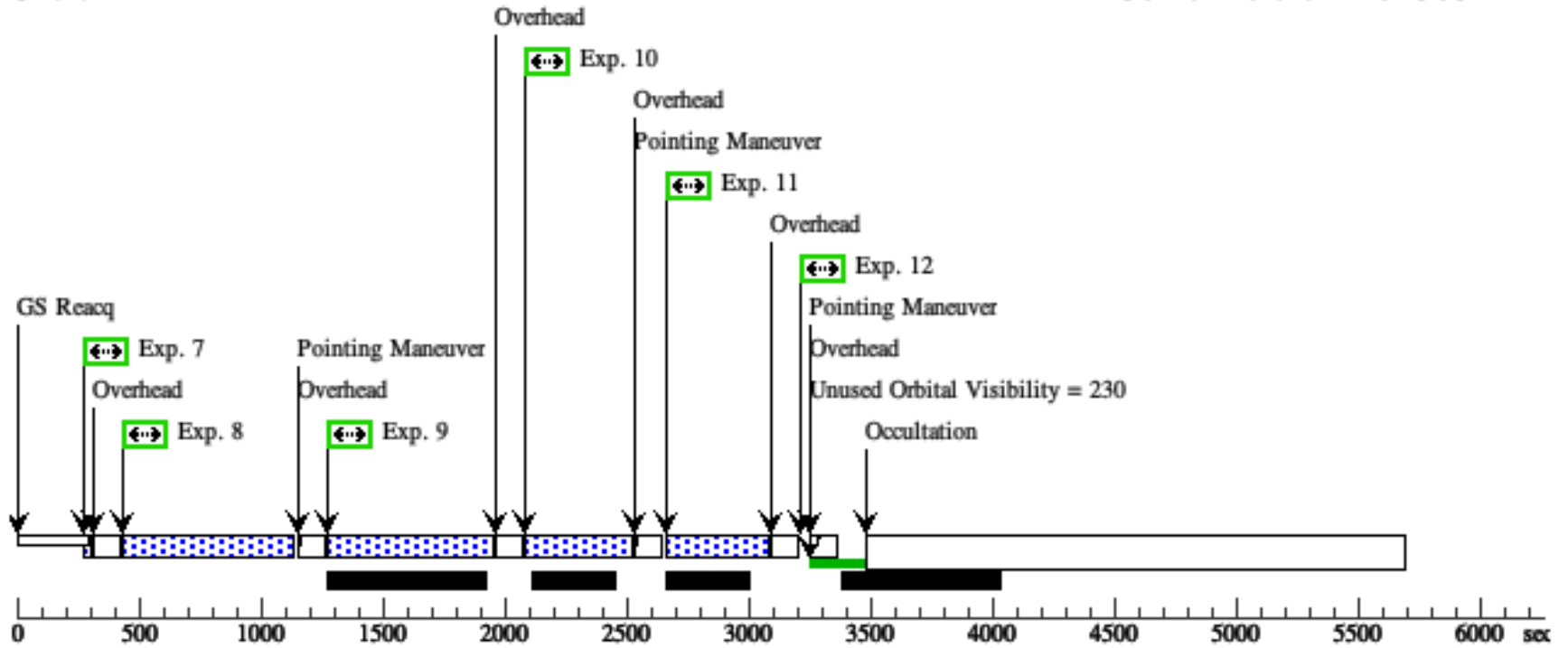
Proposal 15986 - Tile Visit 05 - WFC3 mosaic of NGC 2020 and NGC 2014

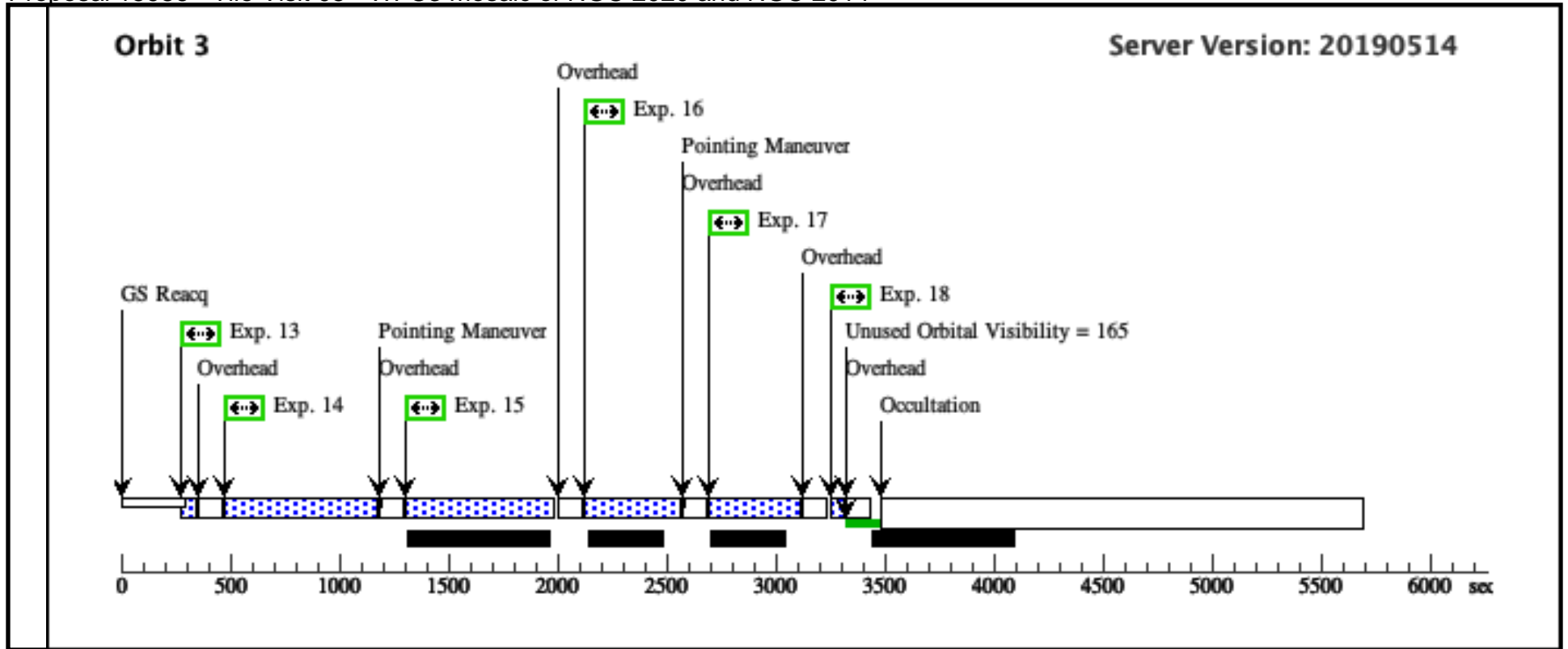
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG 0.0,-79. 47657900000002	40 Secs (40 Secs)	[==>]	[1]
	2	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,-79. 47657900000002	680 Secs (680 Secs)	[==>]	[1]
	3	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,-78. 47657900000002	680 Secs (680 Secs)	[==>]	[1]
	4	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,-78. 47657900000002	420 Secs (420 Secs)	[==>]	[1]
	5	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,-79. 47657900000002	420 Secs (420 Secs)	[==>]	[1]
	6	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG 0.0,-79. 47657900000002	30 Secs (30 Secs)	[==>]	[1]
	7	(WFC3UVI S.im.139100 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=12	POS TARG 0.0,-42. 476579000000015	3 Secs (3 Secs)	[==>]	[2]
	8	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,-42. 476579000000015	680 Secs (680 Secs)	[==>]	[2]
	9	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,-41. 476579000000015	680 Secs (680 Secs)	[==>]	[2]
	10	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,-41. 476579000000015	420 Secs (420 Secs)	[==>]	[2]
	11	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,-42. 476579000000015	420 Secs (420 Secs)	[==>]	[2]
	12	(WFC3UVI S.im.139101 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=12	POS TARG 0.0,-42. 476579000000015	2 Secs (2 Secs)	[==>]	[2]
	13	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG 0.0,-5.4 765790000000015	40 Secs (40 Secs)	[==>]	[3]
	14	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,-5.4 765790000000015	680 Secs (680 Secs)	[==>]	[3]
	15	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,-4.4 765790000000015	680 Secs (680 Secs)	[==>]	[3]
	16	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,-4.4 765790000000015	420 Secs (420 Secs)	[==>]	[3]
	17	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,-5.4 765790000000015	420 Secs (420 Secs)	[==>]	[3]
	18	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG 0.0,-5.4 765790000000015	30 Secs (30 Secs)	[==>]	[3]



**Orbit 2**

**Server Version: 20190514**



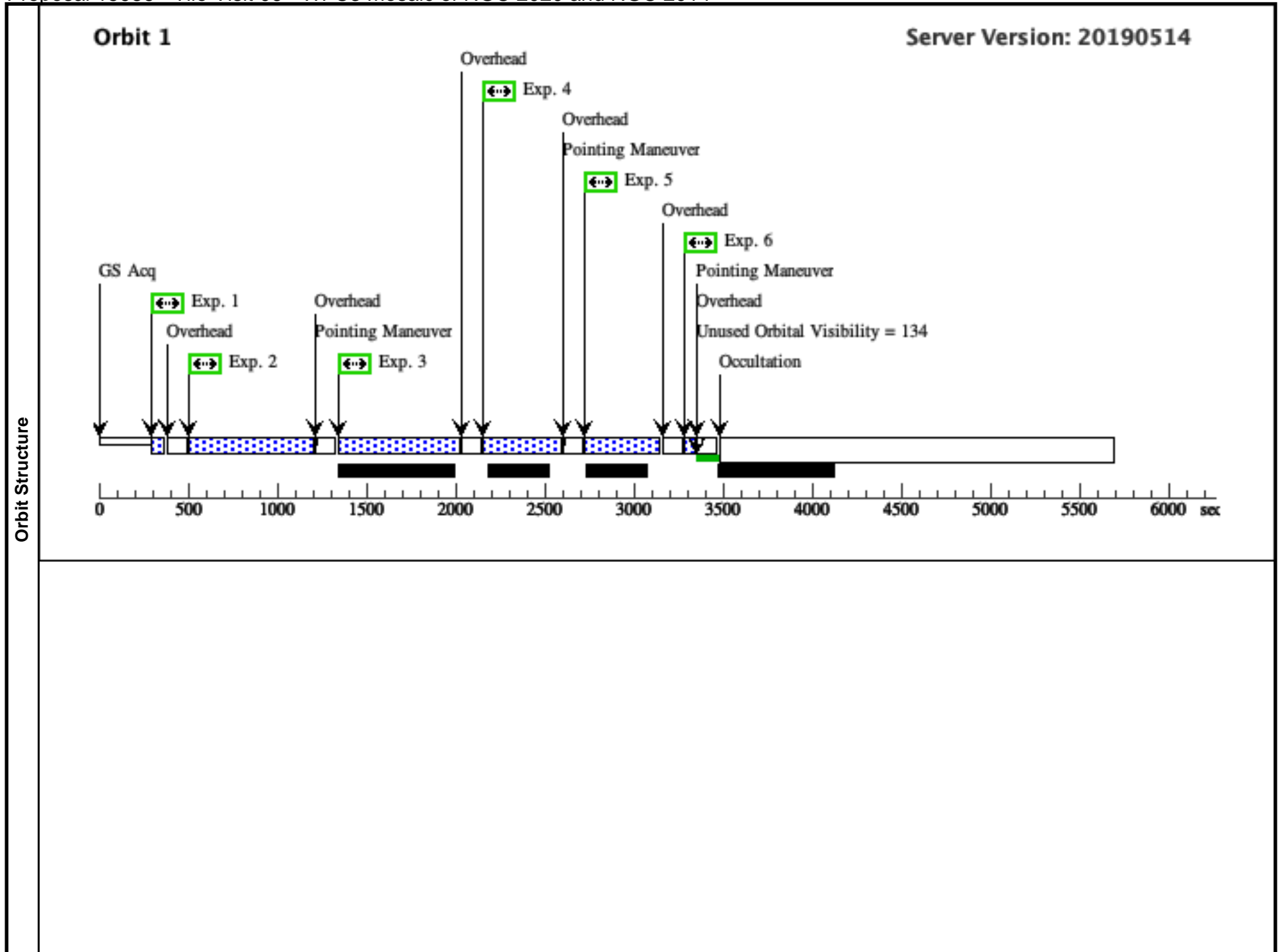


Proposal 15986 - Tile Visit 06 - WFC3 mosaic of NGC 2020 and NGC 2014

<b>Visit</b>	Proposal 15986, Tile Visit 06, completed <span style="float: right;">Fri Jan 17 23:01:52 GMT 2020</span> Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 05					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		NGC-2020	RA: 05 32 17.5713 (83.0732138d) Dec: -67 42 21.58 (-67.70599d) Equinox: J2000	Epoch of Position: 2015.5	V=16+/-5	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=ISM Description=[HII REGION, STAR FORMING REGION] Extended=YES						

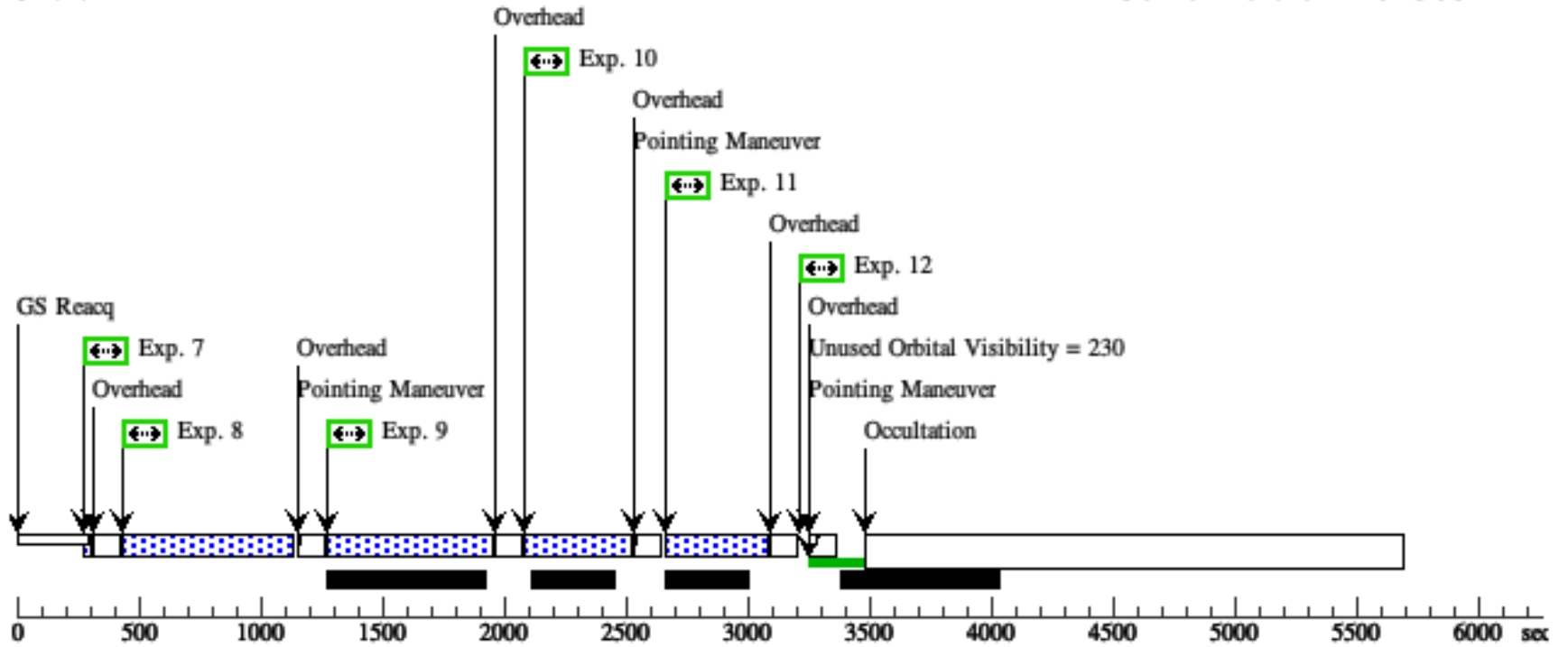
Proposal 15986 - Tile Visit 06 - WFC3 mosaic of NGC 2020 and NGC 2014

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG 155.282 51911647658,-68.61 81674876276	40 Secs (40 Secs)	[==>]	[1]
	2	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,-68.61 81674876276	680 Secs (680 Secs)	[==>]	[1]
	3	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,-67.61 81674876276	680 Secs (680 Secs)	[==>]	[1]
	4	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,-67.61 81674876276	420 Secs (420 Secs)	[==>]	[1]
	5	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,-68.61 81674876276	420 Secs (420 Secs)	[==>]	[1]
	6	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG 155.282 51911647658,-68.61 81674876276	30 Secs (30 Secs)	[==>]	[1]
	7	(WFC3UVI S.im.139100 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=12	POS TARG 155.282 51911647658,-31.61 8167487627602	3 Secs (3 Secs)	[==>]	[2]
	8	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,-31.61 8167487627602	680 Secs (680 Secs)	[==>]	[2]
	9	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,-30.61 8167487627602	680 Secs (680 Secs)	[==>]	[2]
	10	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,-30.61 8167487627602	420 Secs (420 Secs)	[==>]	[2]
	11	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,-31.61 8167487627602	420 Secs (420 Secs)	[==>]	[2]
	12	(WFC3UVI S.im.139101 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=12	POS TARG 155.282 51911647658,-31.61 8167487627602	2 Secs (2 Secs)	[==>]	[2]
	13	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG 155.282 51911647658,5.3818 32512372398	40 Secs (40 Secs)	[==>]	[3]
	14	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,5.3818 32512372398	680 Secs (680 Secs)	[==>]	[3]
	15	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,6.3818 32512372398	680 Secs (680 Secs)	[==>]	[3]
	16	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,6.3818 32512372398	420 Secs (420 Secs)	[==>]	[3]
	17	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,5.3818 32512372398	420 Secs (420 Secs)	[==>]	[3]
	18	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG 155.282 51911647658,5.3818 32512372398	30 Secs (30 Secs)	[==>]	[3]

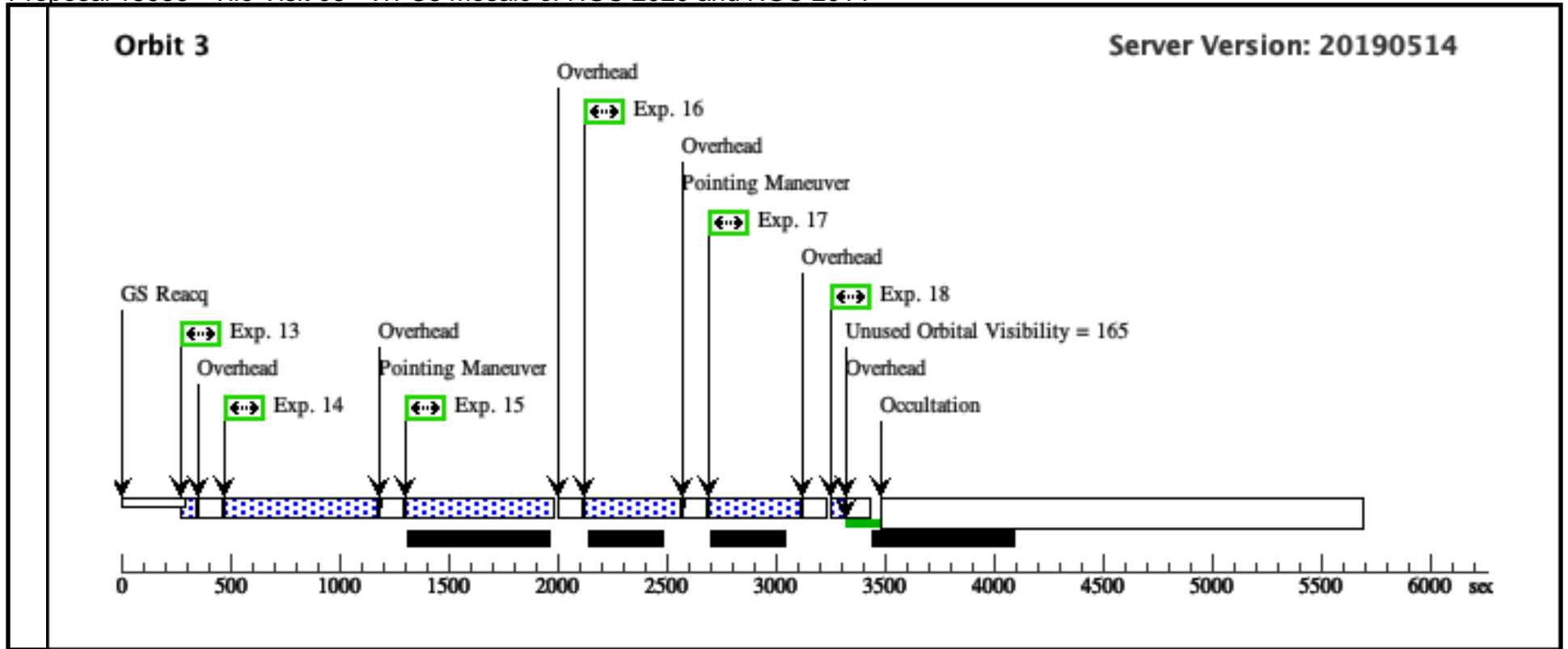


**Orbit 2**

**Server Version: 20190514**





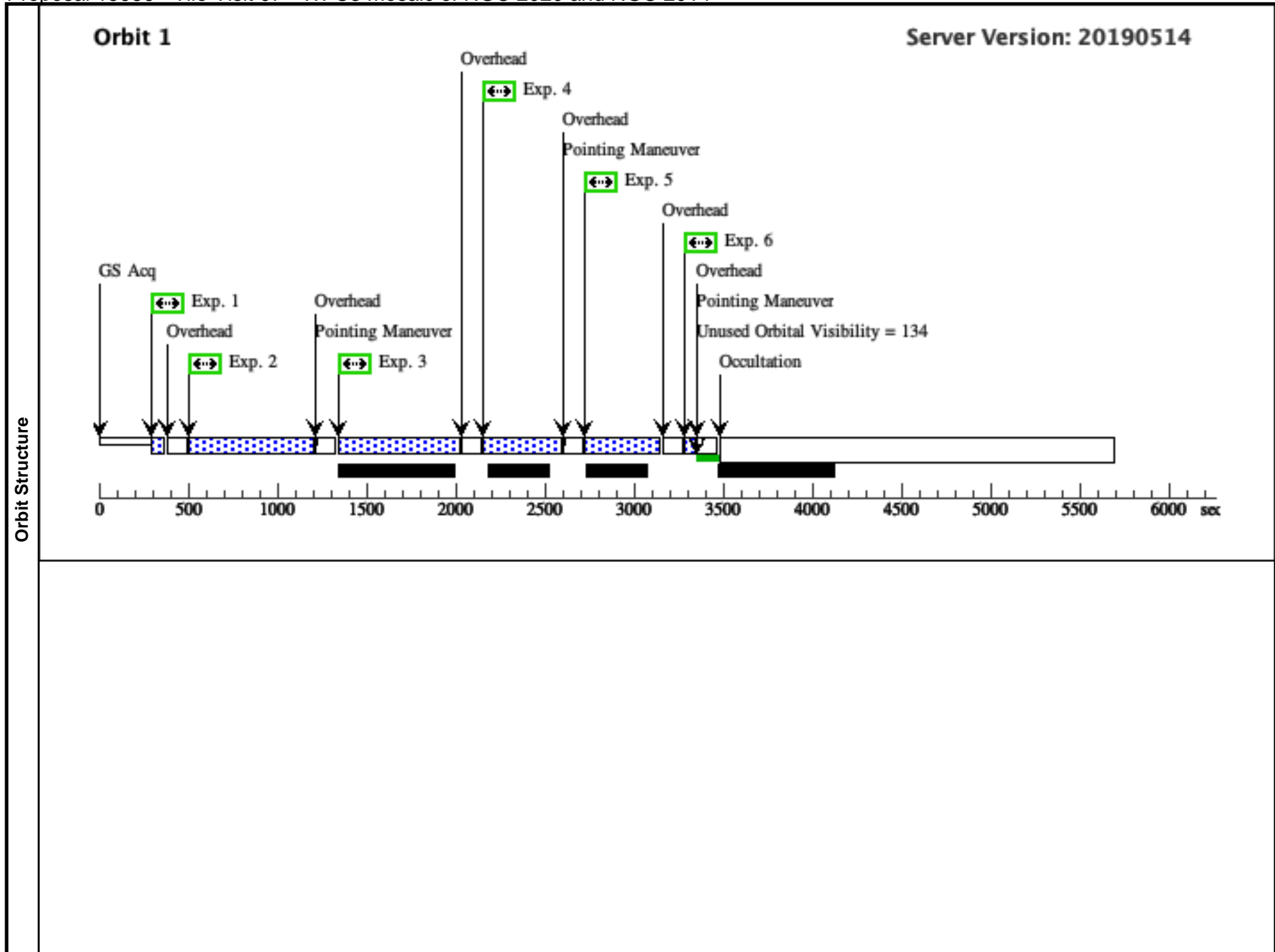


Proposal 15986 - Tile Visit 07 - WFC3 mosaic of NGC 2020 and NGC 2014

<b>Visit</b>	Proposal 15986, Tile Visit 07, completed <span style="float: right;">Fri Jan 17 23:01:52 GMT 2020</span> Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 05					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		NGC-2020	RA: 05 32 17.5713 (83.0732138d) Dec: -67 42 21.58 (-67.70599d) Equinox: J2000	Epoch of Position: 2015.5	V=16+/-5	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=ISM Description=[HII REGION, STAR FORMING REGION] Extended=YES						

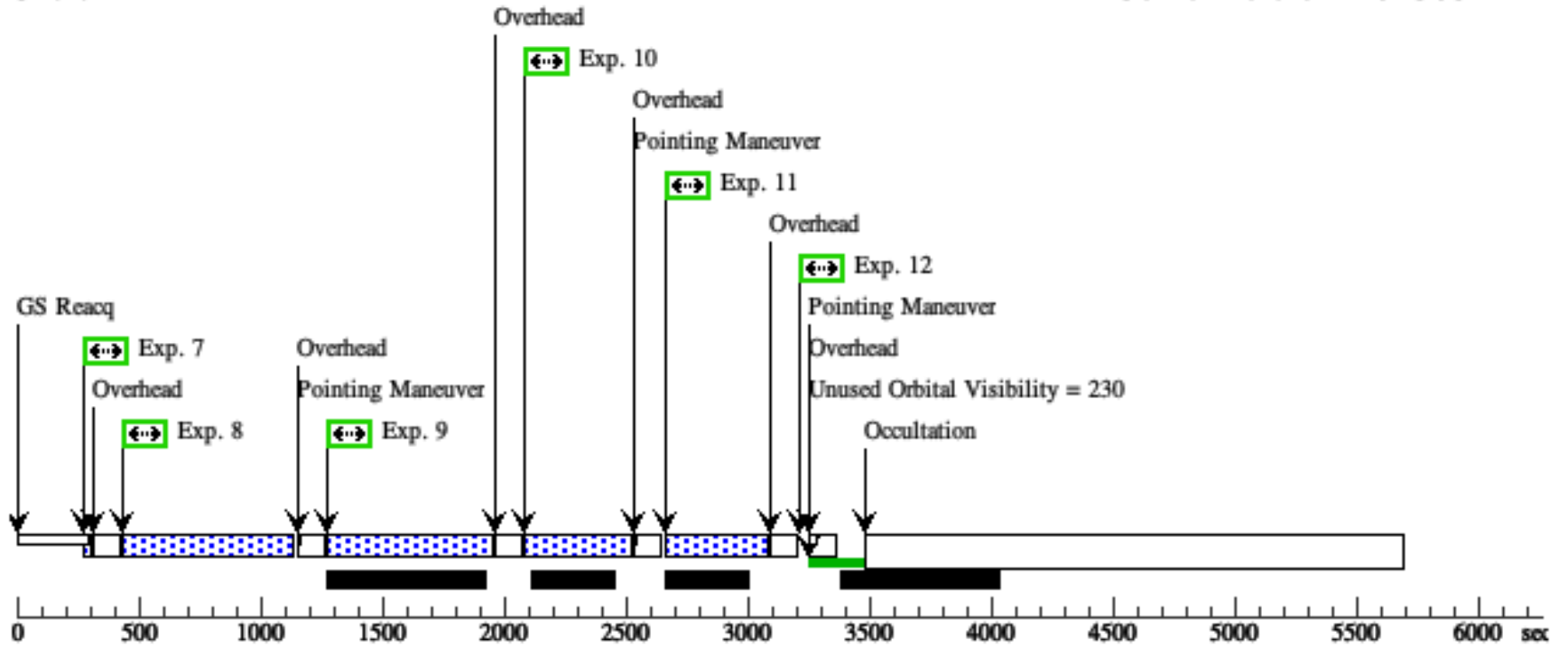
Proposal 15986 - Tile Visit 07 - WFC3 mosaic of NGC 2020 and NGC 2014

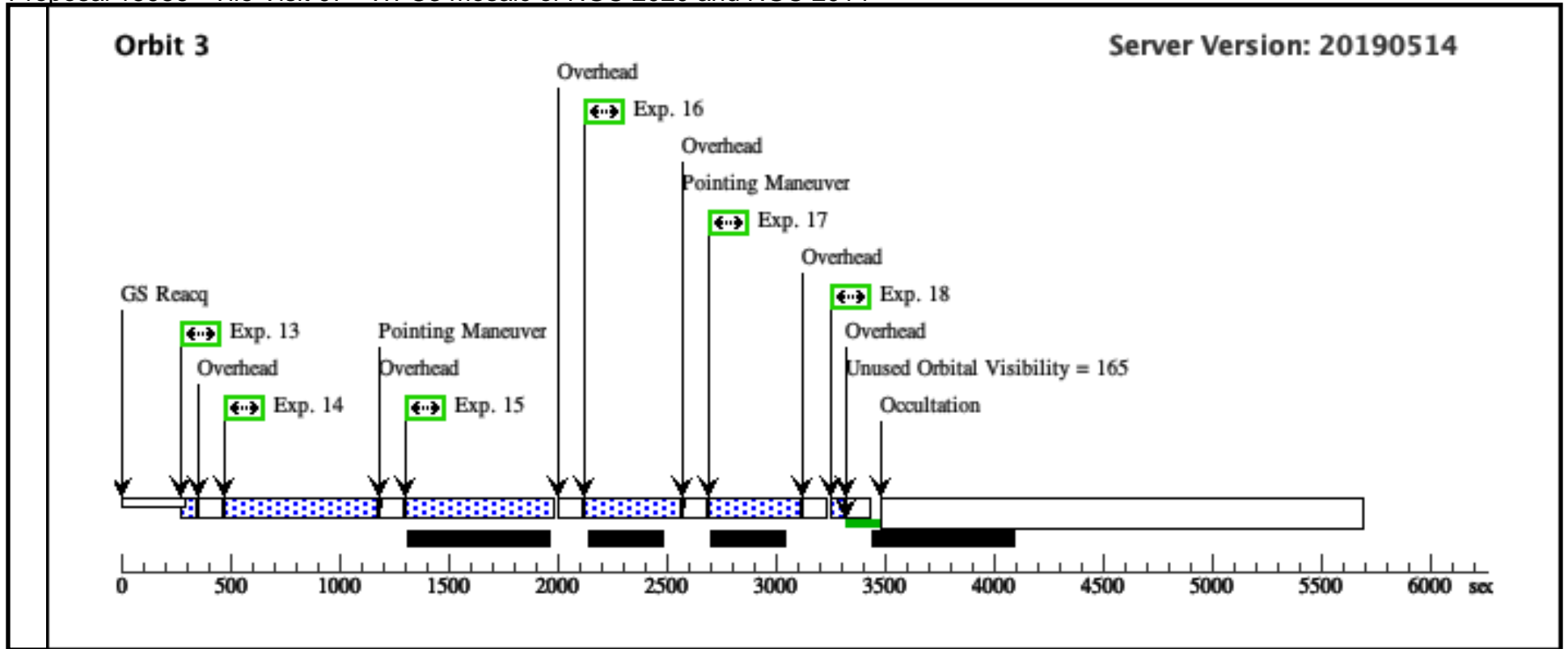
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG -155.28 251911647658,68.61 81674876276	40 Secs (40 Secs)	[==>]	[1]
	2	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,68.61 81674876276	680 Secs (680 Secs)	[==>]	[1]
	3	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,69.61 81674876276	680 Secs (680 Secs)	[==>]	[1]
	4	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,69.61 81674876276	420 Secs (420 Secs)	[==>]	[1]
	5	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,68.61 81674876276	420 Secs (420 Secs)	[==>]	[1]
	6	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG -155.28 251911647658,68.61 81674876276	30 Secs (30 Secs)	[==>]	[1]
	7	(WFC3UVI S.im.139100 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=12	POS TARG -155.28 251911647658,105.6 181674876276	3 Secs (3 Secs)	[==>]	[2]
	8	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,105.6 181674876276	680 Secs (680 Secs)	[==>]	[2]
	9	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,106.6 181674876276	680 Secs (680 Secs)	[==>]	[2]
	10	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,106.6 181674876276	420 Secs (420 Secs)	[==>]	[2]
	11	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,105.6 181674876276	420 Secs (420 Secs)	[==>]	[2]
	12	(WFC3UVI S.im.139101 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=12	POS TARG -155.28 251911647658,105.6 181674876276	2 Secs (2 Secs)	[==>]	[2]
	13	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG -155.28 251911647658,142.6 181674876276	40 Secs (40 Secs)	[==>]	[3]
	14	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,142.6 181674876276	680 Secs (680 Secs)	[==>]	[3]
	15	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,143.6 181674876276	680 Secs (680 Secs)	[==>]	[3]
	16	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,143.6 181674876276	420 Secs (420 Secs)	[==>]	[3]
	17	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,142.6 181674876276	420 Secs (420 Secs)	[==>]	[3]
	18	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG -155.28 251911647658,142.6 181674876276	30 Secs (30 Secs)	[==>]	[3]



**Orbit 2**

**Server Version: 20190514**





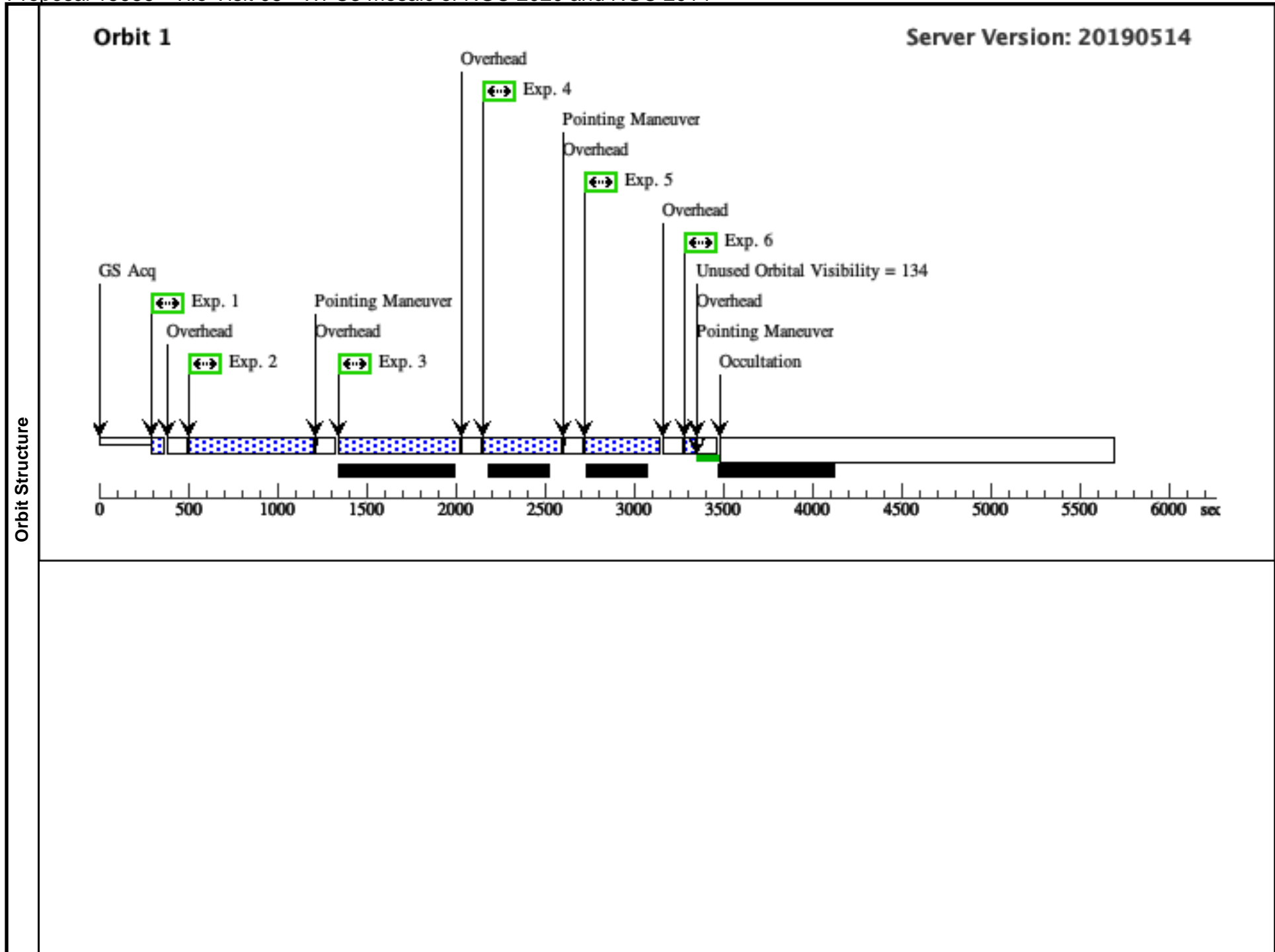
Proposal 15986 - Tile Visit 08 - WFC3 mosaic of NGC 2020 and NGC 2014

<b>Visit</b>	Proposal 15986, Tile Visit 08, completed <span style="float: right;">Fri Jan 17 23:01:53 GMT 2020</span> Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 05					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		NGC-2020	RA: 05 32 17.5713 (83.0732138d) Dec: -67 42 21.58 (-67.70599d) Equinox: J2000	Epoch of Position: 2015.5	V=16+/-5	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=ISM Description=[HII REGION, STAR FORMING REGION] Extended=YES						

Proposal 15986 - Tile Visit 08 - WFC3 mosaic of NGC 2020 and NGC 2014

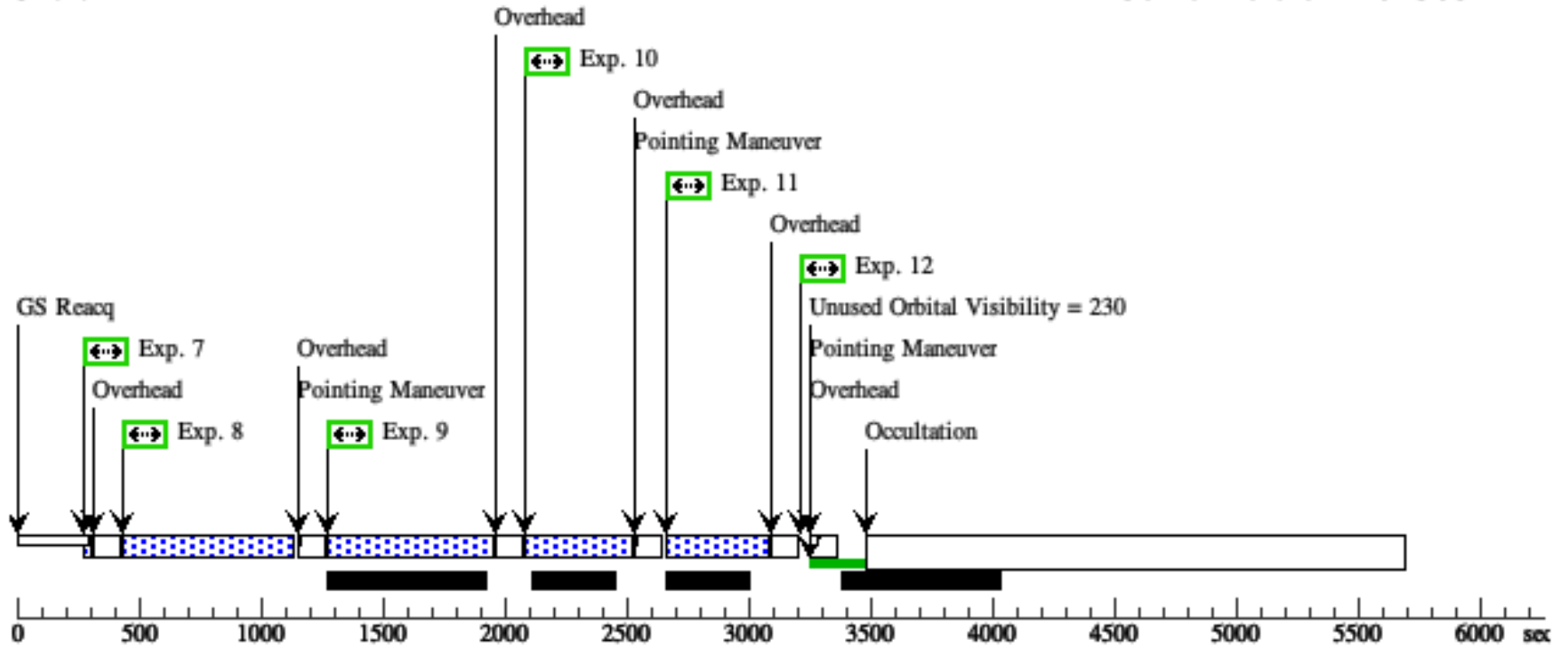
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG 0.0,79.4 7657900000002	40 Secs (40 Secs)	[==>]	[1]
	2	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,79.4 7657900000002	680 Secs (680 Secs)	[==>]	[1]
	3	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,80.4 7657900000002	680 Secs (680 Secs)	[==>]	[1]
	4	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,80.4 7657900000002	420 Secs (420 Secs)	[==>]	[1]
	5	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,79.4 7657900000002	420 Secs (420 Secs)	[==>]	[1]
	6	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG 0.0,79.4 7657900000002	30 Secs (30 Secs)	[==>]	[1]
	7	(WFC3UVI S.im.139100 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=12	POS TARG 0.0,116. 476579000000002	3 Secs (3 Secs)	[==>]	[2]
	8	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,116. 476579000000002	680 Secs (680 Secs)	[==>]	[2]
	9	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,117. 476579000000002	680 Secs (680 Secs)	[==>]	[2]
	10	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,117. 476579000000002	420 Secs (420 Secs)	[==>]	[2]
	11	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,116. 476579000000002	420 Secs (420 Secs)	[==>]	[2]
	12	(WFC3UVI S.im.139101 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=12	POS TARG 0.0,116. 476579000000002	2 Secs (2 Secs)	[==>]	[2]
	13	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG 0.0,153. 476579000000002	40 Secs (40 Secs)	[==>]	[3]
	14	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,153. 476579000000002	680 Secs (680 Secs)	[==>]	[3]
	15	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,154. 476579000000002	680 Secs (680 Secs)	[==>]	[3]
	16	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,154. 476579000000002	420 Secs (420 Secs)	[==>]	[3]
	17	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,153. 476579000000002	420 Secs (420 Secs)	[==>]	[3]
	18	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG 0.0,153. 476579000000002	30 Secs (30 Secs)	[==>]	[3]

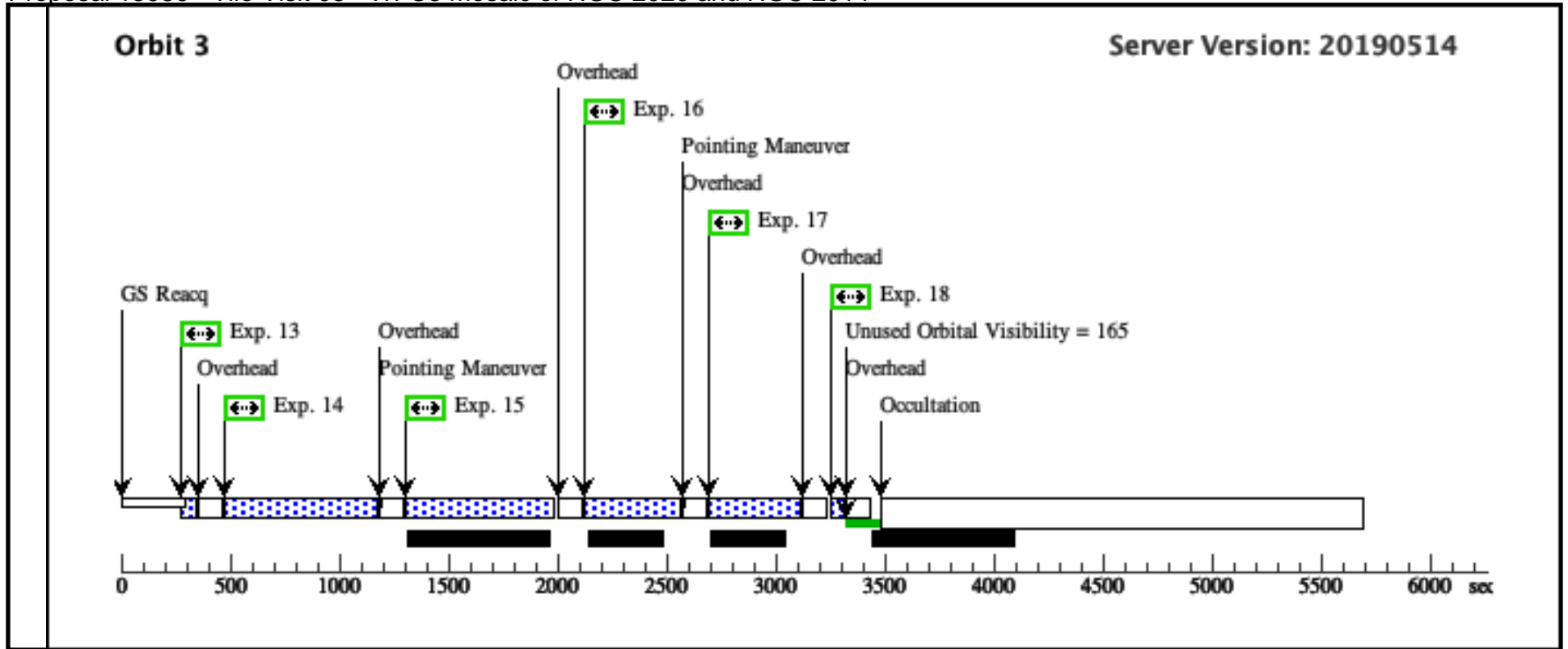




Orbit 2

Server Version: 20190514



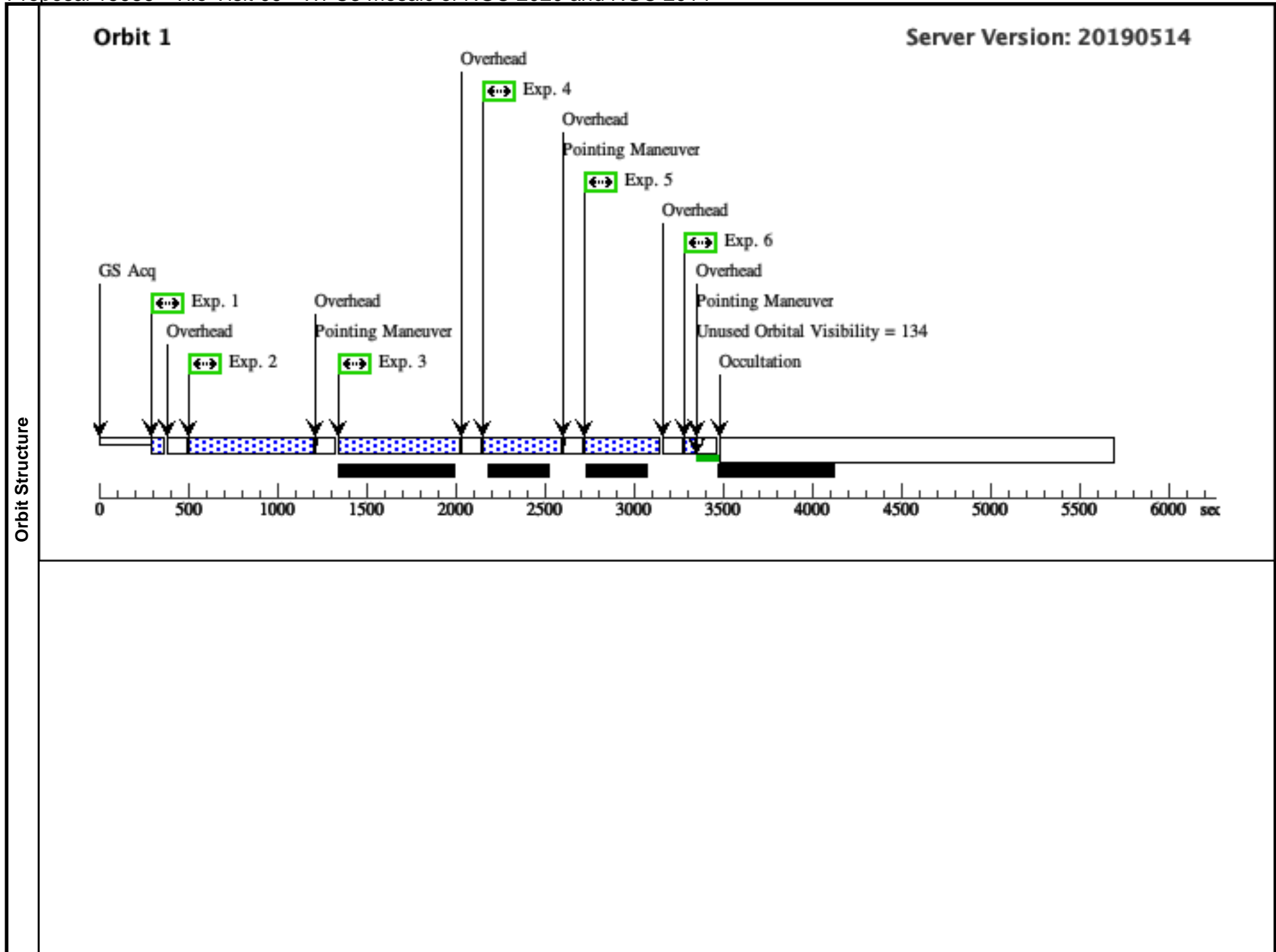


Proposal 15986 - Tile Visit 09 - WFC3 mosaic of NGC 2020 and NGC 2014

<b>Visit</b>	Proposal 15986, Tile Visit 09, completed <span style="float: right;">Fri Jan 17 23:01:53 GMT 2020</span> Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 05					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		NGC-2020	RA: 05 32 17.5713 (83.0732138d) Dec: -67 42 21.58 (-67.70599d) Equinox: J2000	Epoch of Position: 2015.5	V=16+/-5	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=ISM Description=[HII REGION, STAR FORMING REGION] Extended=YES						

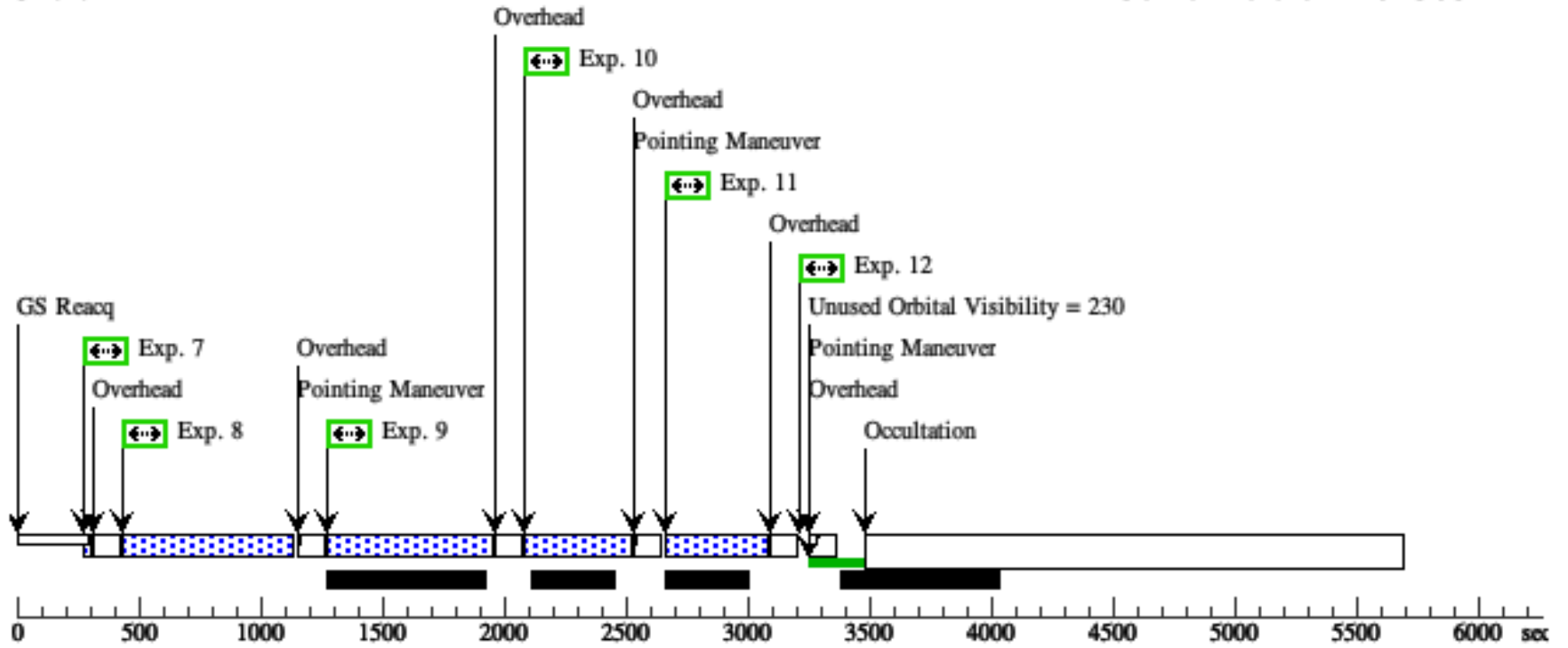
Proposal 15986 - Tile Visit 09 - WFC3 mosaic of NGC 2020 and NGC 2014

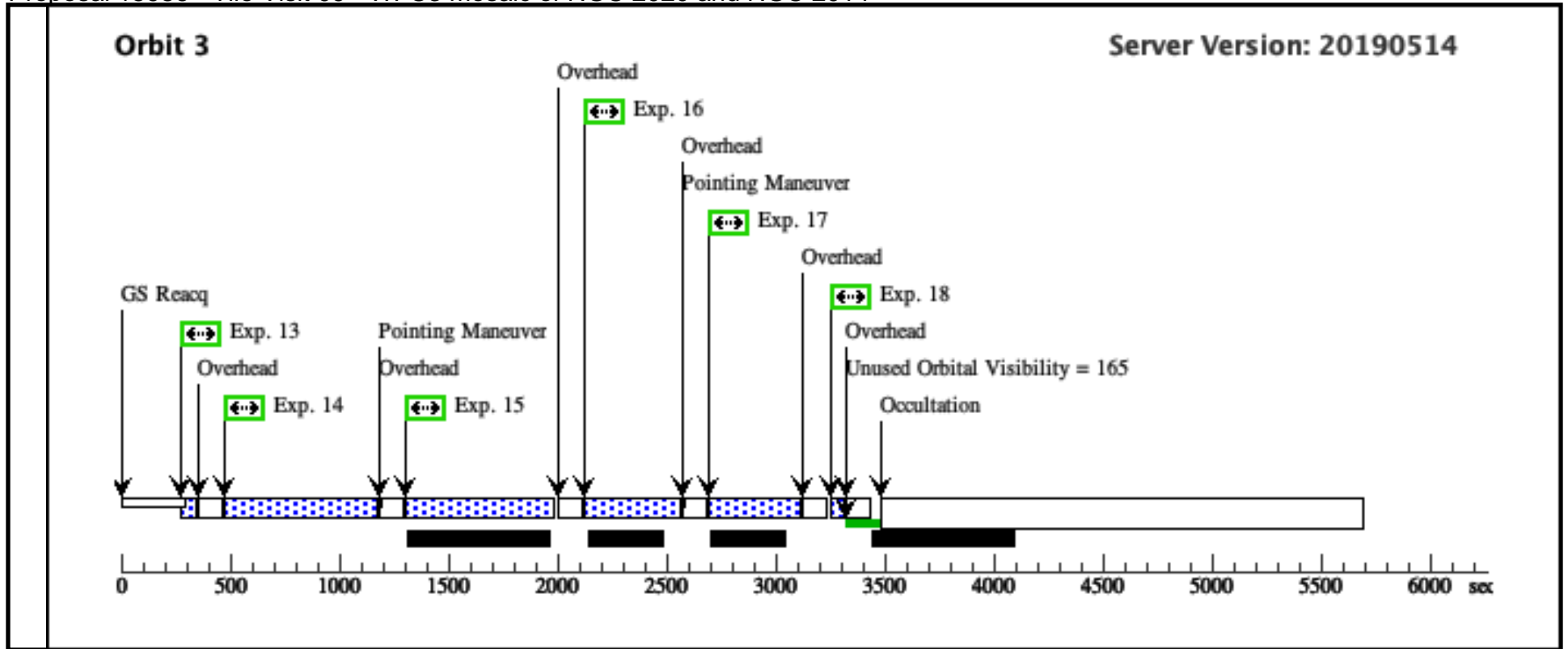
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG 155.282 51911647658,90.334 99051237243	40 Secs (40 Secs)	[==>]	[1]
	2	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,90.334 99051237243	680 Secs (680 Secs)	[==>]	[1]
	3	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,91.334 99051237243	680 Secs (680 Secs)	[==>]	[1]
	4	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,91.334 99051237243	420 Secs (420 Secs)	[==>]	[1]
	5	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,90.334 99051237243	420 Secs (420 Secs)	[==>]	[1]
	6	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG 155.282 51911647658,90.334 99051237243	30 Secs (30 Secs)	[==>]	[1]
	7	(WFC3UVI S.im.139100 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=12	POS TARG 155.282 51911647658,127.33 499051237243	3 Secs (3 Secs)	[==>]	[2]
	8	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,127.33 499051237243	680 Secs (680 Secs)	[==>]	[2]
	9	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,128.33 499051237243	680 Secs (680 Secs)	[==>]	[2]
	10	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,128.33 499051237243	420 Secs (420 Secs)	[==>]	[2]
	11	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,127.33 499051237243	420 Secs (420 Secs)	[==>]	[2]
	12	(WFC3UVI S.im.139101 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=12	POS TARG 155.282 51911647658,127.33 499051237243	2 Secs (2 Secs)	[==>]	[2]
	13	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG 155.282 51911647658,164.33 499051237243	40 Secs (40 Secs)	[==>]	[3]
	14	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,164.33 499051237243	680 Secs (680 Secs)	[==>]	[3]
	15	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,165.33 499051237243	680 Secs (680 Secs)	[==>]	[3]
	16	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,165.33 499051237243	420 Secs (420 Secs)	[==>]	[3]
	17	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,164.33 499051237243	420 Secs (420 Secs)	[==>]	[3]
	18	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG 155.282 51911647658,164.33 499051237243	30 Secs (30 Secs)	[==>]	[3]



**Orbit 2**

**Server Version: 20190514**





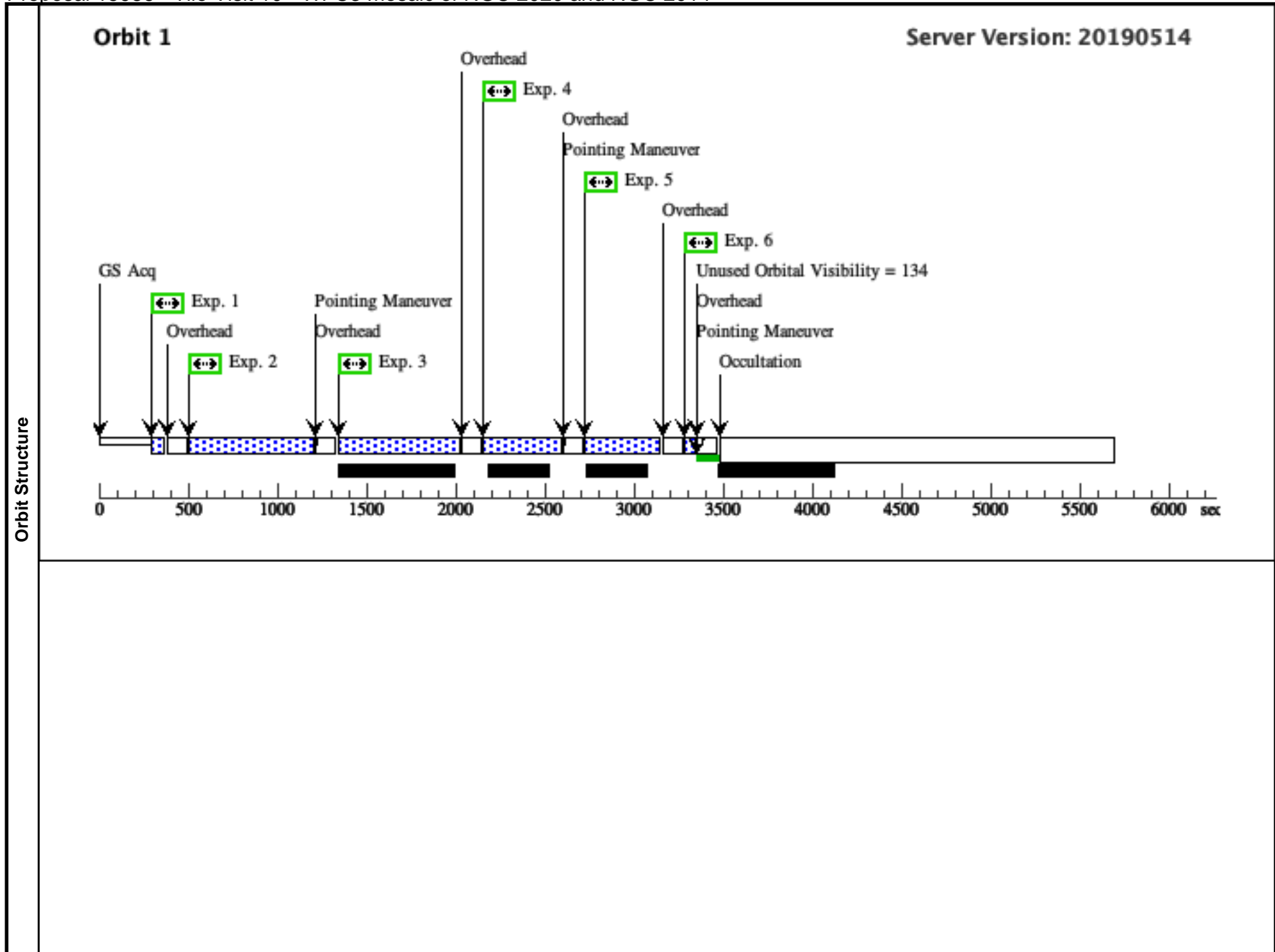


Proposal 15986 - Tile Visit 10 - WFC3 mosaic of NGC 2020 and NGC 2014

<b>Visit</b>	Proposal 15986, Tile Visit 10, completed <span style="float: right;">Fri Jan 17 23:01:53 GMT 2020</span> Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 05					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		NGC-2020	RA: 05 32 17.5713 (83.0732138d) Dec: -67 42 21.58 (-67.70599d) Equinox: J2000	Epoch of Position: 2015.5	V=16+/-5	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=ISM Description=[HII REGION, STAR FORMING REGION] Extended=YES						

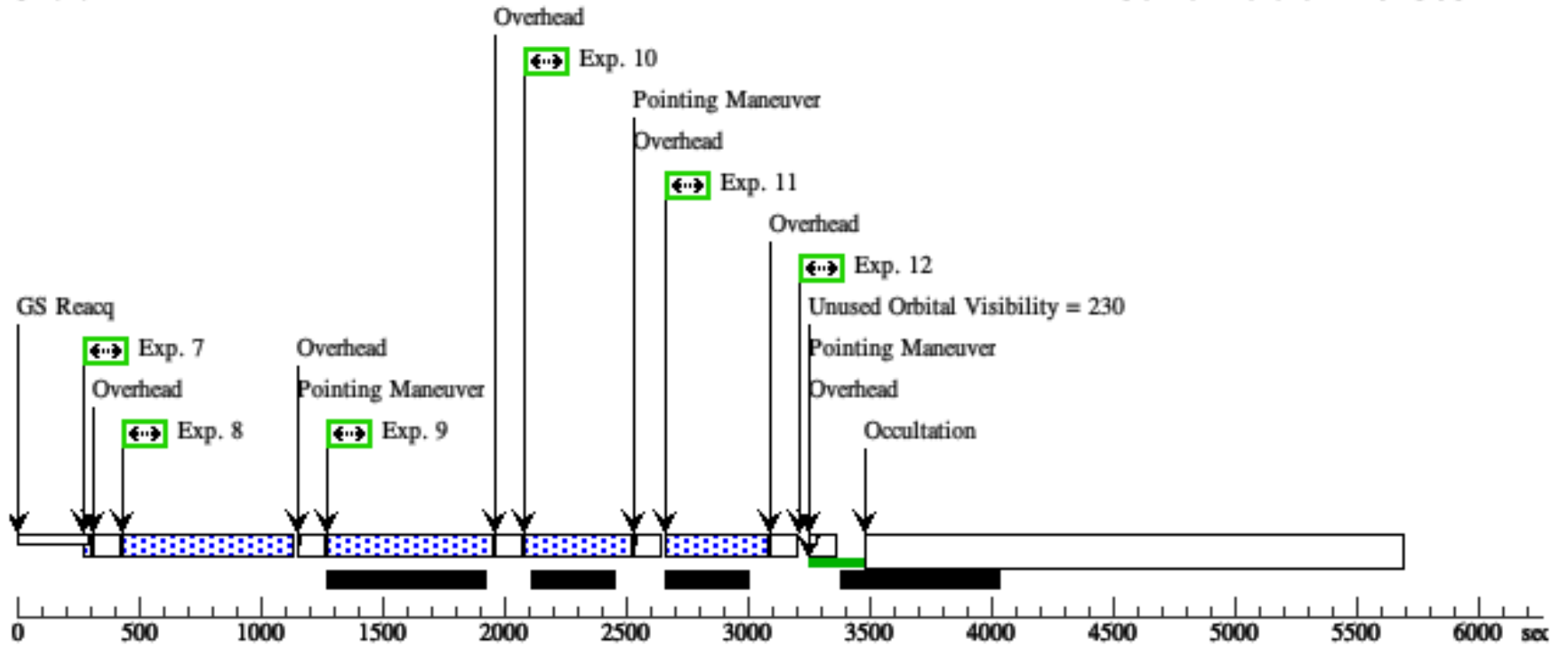
Proposal 15986 - Tile Visit 10 - WFC3 mosaic of NGC 2020 and NGC 2014

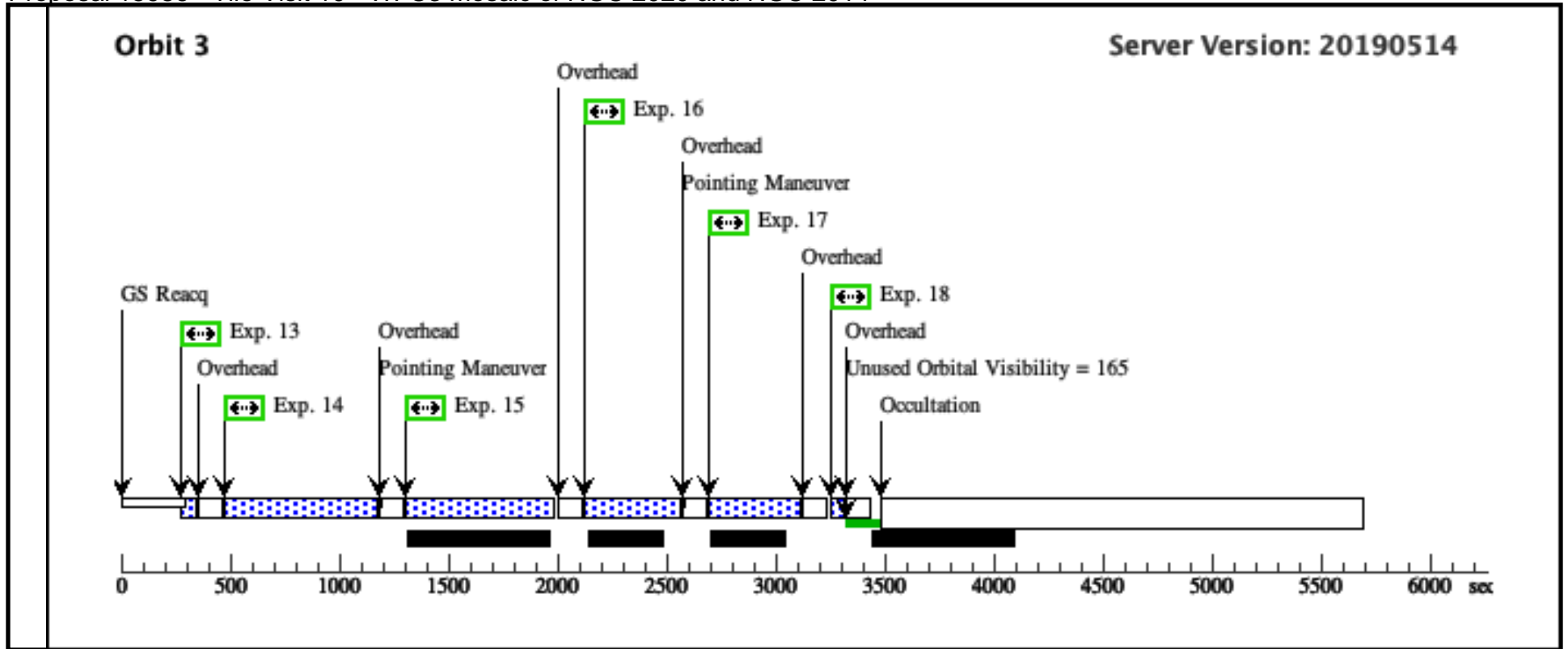
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG -155.28 251911647658,227.5 7132548762763	40 Secs (40 Secs)	[==>]	[1]
	2	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,227.5 7132548762763	680 Secs (680 Secs)	[==>]	[1]
	3	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,228.5 7132548762763	680 Secs (680 Secs)	[==>]	[1]
	4	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,228.5 7132548762763	420 Secs (420 Secs)	[==>]	[1]
	5	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,227.5 7132548762763	420 Secs (420 Secs)	[==>]	[1]
	6	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG -155.28 251911647658,227.5 7132548762763	30 Secs (30 Secs)	[==>]	[1]
	7	(WFC3UVI S.im.139100 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=12	POS TARG -155.28 251911647658,264.5 7132548762763	3 Secs (3 Secs)	[==>]	[2]
	8	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,264.5 7132548762763	680 Secs (680 Secs)	[==>]	[2]
	9	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,265.5 7132548762763	680 Secs (680 Secs)	[==>]	[2]
	10	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,265.5 7132548762763	420 Secs (420 Secs)	[==>]	[2]
	11	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,264.5 7132548762763	420 Secs (420 Secs)	[==>]	[2]
	12	(WFC3UVI S.im.139101 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=12	POS TARG -155.28 251911647658,264.5 7132548762763	2 Secs (2 Secs)	[==>]	[2]
	13	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG -155.28 251911647658,301.5 7132548762763	40 Secs (40 Secs)	[==>]	[3]
	14	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,301.5 7132548762763	680 Secs (680 Secs)	[==>]	[3]
	15	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,302.5 7132548762763	680 Secs (680 Secs)	[==>]	[3]
	16	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -154.28 251911647658,302.5 7132548762763	420 Secs (420 Secs)	[==>]	[3]
	17	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -155.28 251911647658,301.5 7132548762763	420 Secs (420 Secs)	[==>]	[3]
	18	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG -155.28 251911647658,301.5 7132548762763	30 Secs (30 Secs)	[==>]	[3]



Orbit 2

Server Version: 20190514



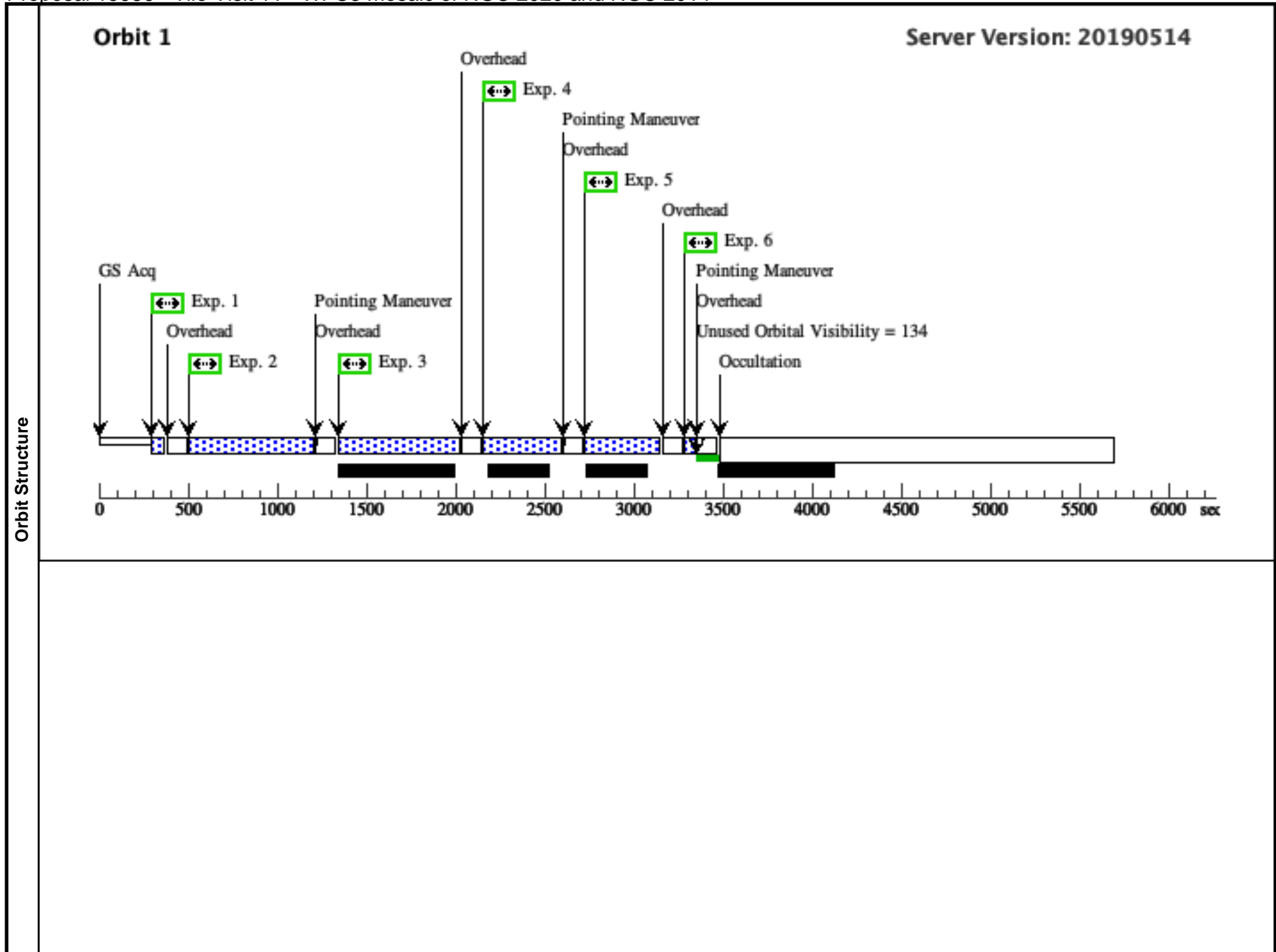


Proposal 15986 - Tile Visit 11 - WFC3 mosaic of NGC 2020 and NGC 2014

<b>Visit</b>	<b>Proposal 15986, Tile Visit 11, completed</b> <span style="float: right;">Fri Jan 17 23:01:53 GMT 2020</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 05					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		NGC-2020	RA: 05 32 17.5713 (83.0732138d) Dec: -67 42 21.58 (-67.70599d) Equinox: J2000	Epoch of Position: 2015.5	V=16+/-5	Reference Frame: SIMBAD
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=ISM Description=[HII REGION, STAR FORMING REGION] Extended=YES						

Proposal 15986 - Tile Visit 11 - WFC3 mosaic of NGC 2020 and NGC 2014

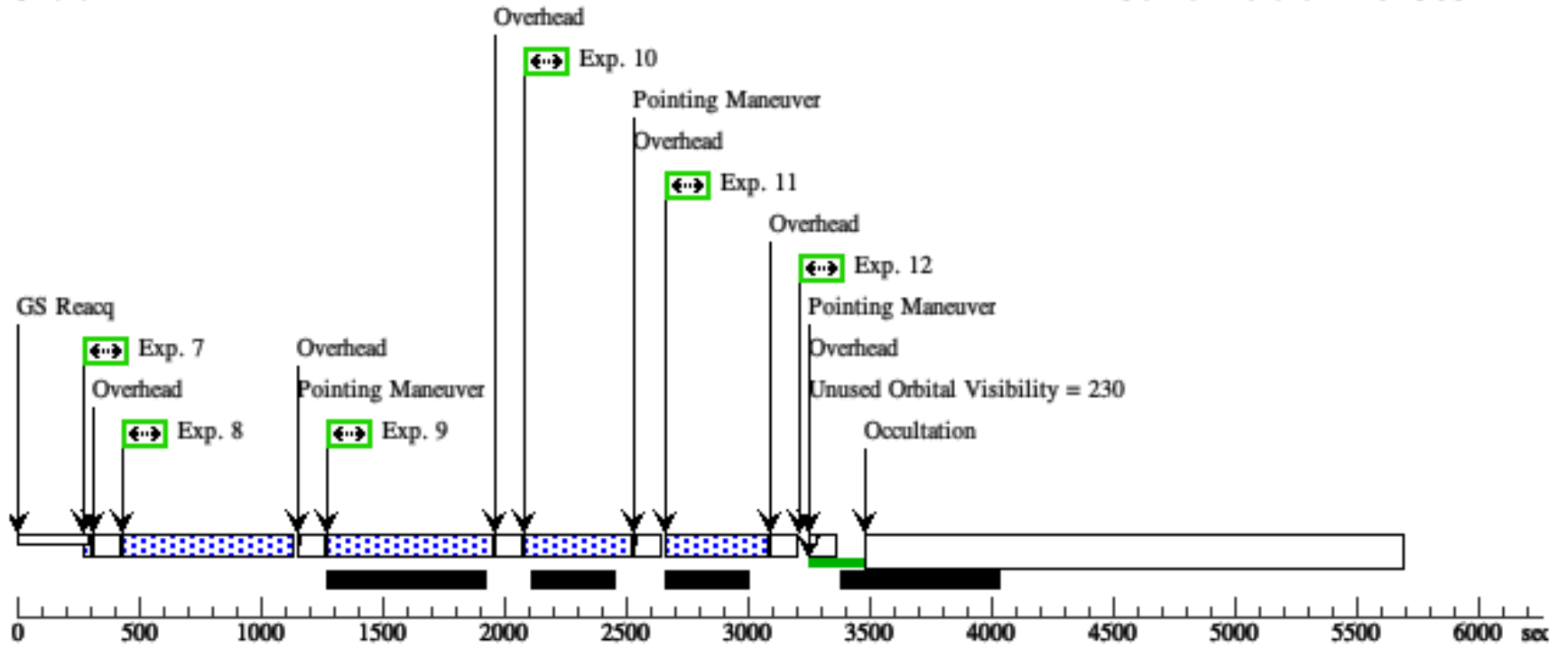
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG 0.0,238. 42973700000005	40 Secs (40 Secs)	[==>]	[1]
	2	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,238. 42973700000005	680 Secs (680 Secs)	[==>]	[1]
	3	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,239. 42973700000005	680 Secs (680 Secs)	[==>]	[1]
	4	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,239. 42973700000005	420 Secs (420 Secs)	[==>]	[1]
	5	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,238. 42973700000005	420 Secs (420 Secs)	[==>]	[1]
	6	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG 0.0,238. 42973700000005	30 Secs (30 Secs)	[==>]	[1]
	7	(WFC3UVI S.im.139100 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=12	POS TARG 0.0,275. 42973700000005	3 Secs (3 Secs)	[==>]	[2]
	8	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,275. 42973700000005	680 Secs (680 Secs)	[==>]	[2]
	9	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,276. 42973700000005	680 Secs (680 Secs)	[==>]	[2]
	10	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,276. 42973700000005	420 Secs (420 Secs)	[==>]	[2]
	11	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,275. 42973700000005	420 Secs (420 Secs)	[==>]	[2]
	12	(WFC3UVI S.im.139101 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=12	POS TARG 0.0,275. 42973700000005	2 Secs (2 Secs)	[==>]	[2]
	13	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG 0.0,312. 42973700000005	40 Secs (40 Secs)	[==>]	[3]
	14	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,312. 42973700000005	680 Secs (680 Secs)	[==>]	[3]
	15	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,313. 42973700000005	680 Secs (680 Secs)	[==>]	[3]
	16	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 1.0,313. 42973700000005	420 Secs (420 Secs)	[==>]	[3]
	17	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 0.0,312. 42973700000005	420 Secs (420 Secs)	[==>]	[3]
	18	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG 0.0,312. 42973700000005	30 Secs (30 Secs)	[==>]	[3]

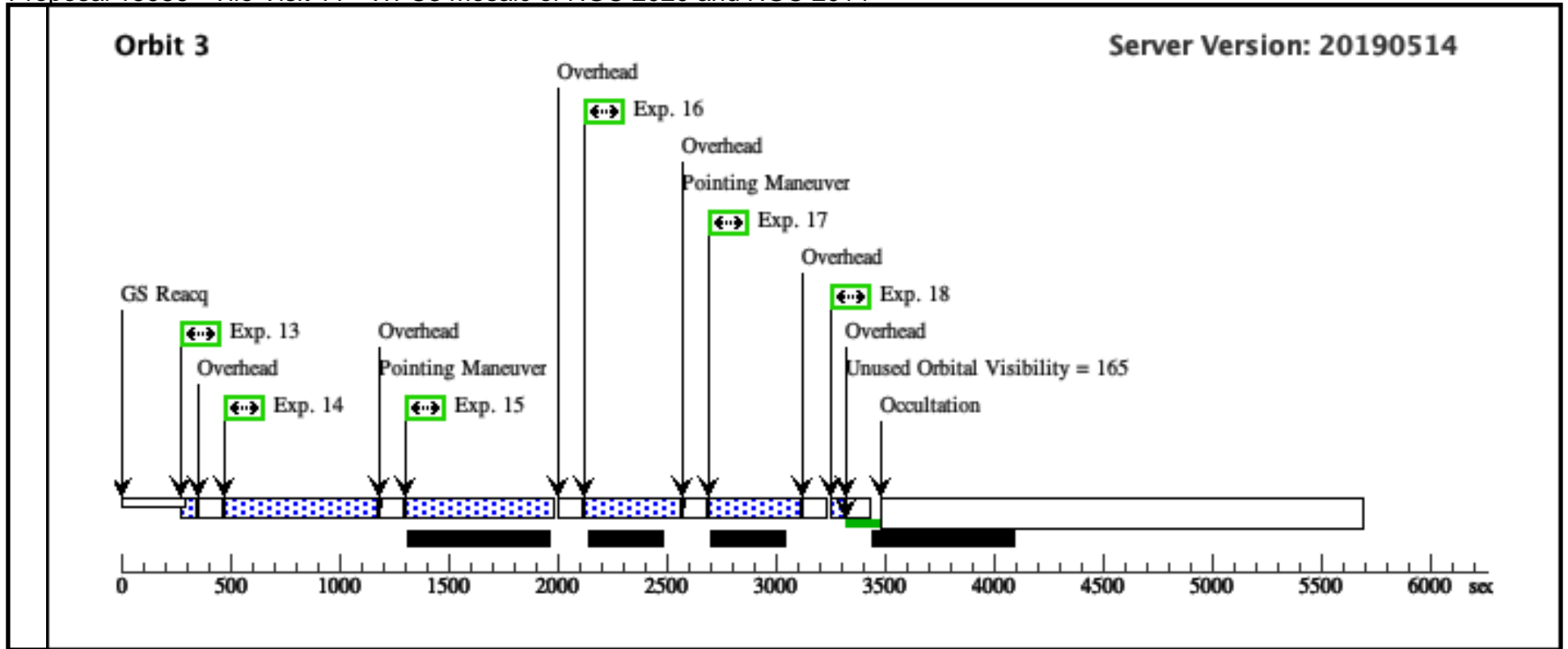




Orbit 2

Server Version: 20190514



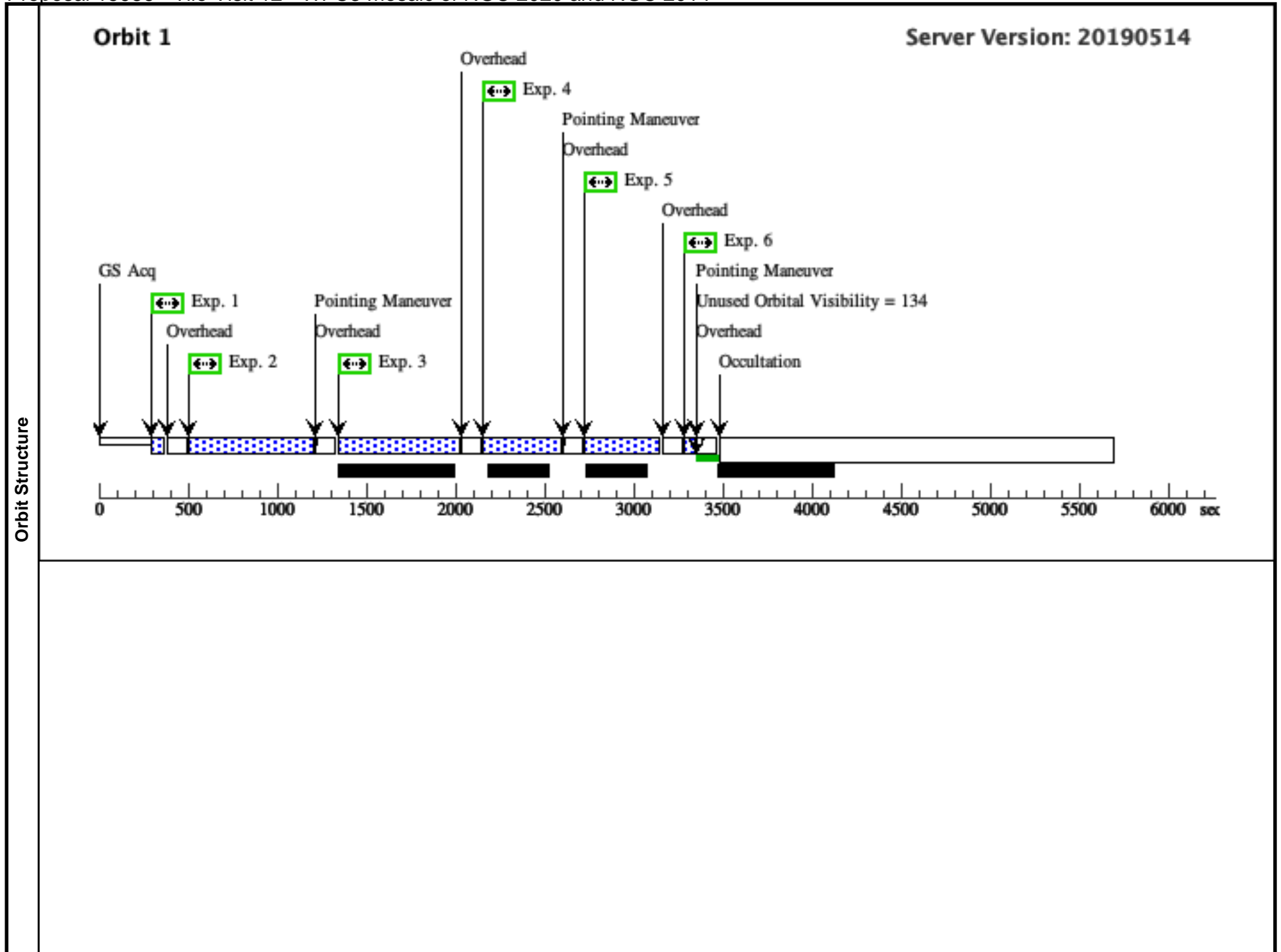


Proposal 15986 - Tile Visit 12 - WFC3 mosaic of NGC 2020 and NGC 2014

<b>Visit</b>	Proposal 15986, Tile Visit 12, failed <span style="float: right;">Fri Jan 17 23:01:53 GMT 2020</span> Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 05					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		NGC-2020	RA: 05 32 17.5713 (83.0732138d) Dec: -67 42 21.58 (-67.70599d) Equinox: J2000	Epoch of Position: 2015.5	V=16+/-5	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=ISM Description=[HII REGION, STAR FORMING REGION] Extended=YES						

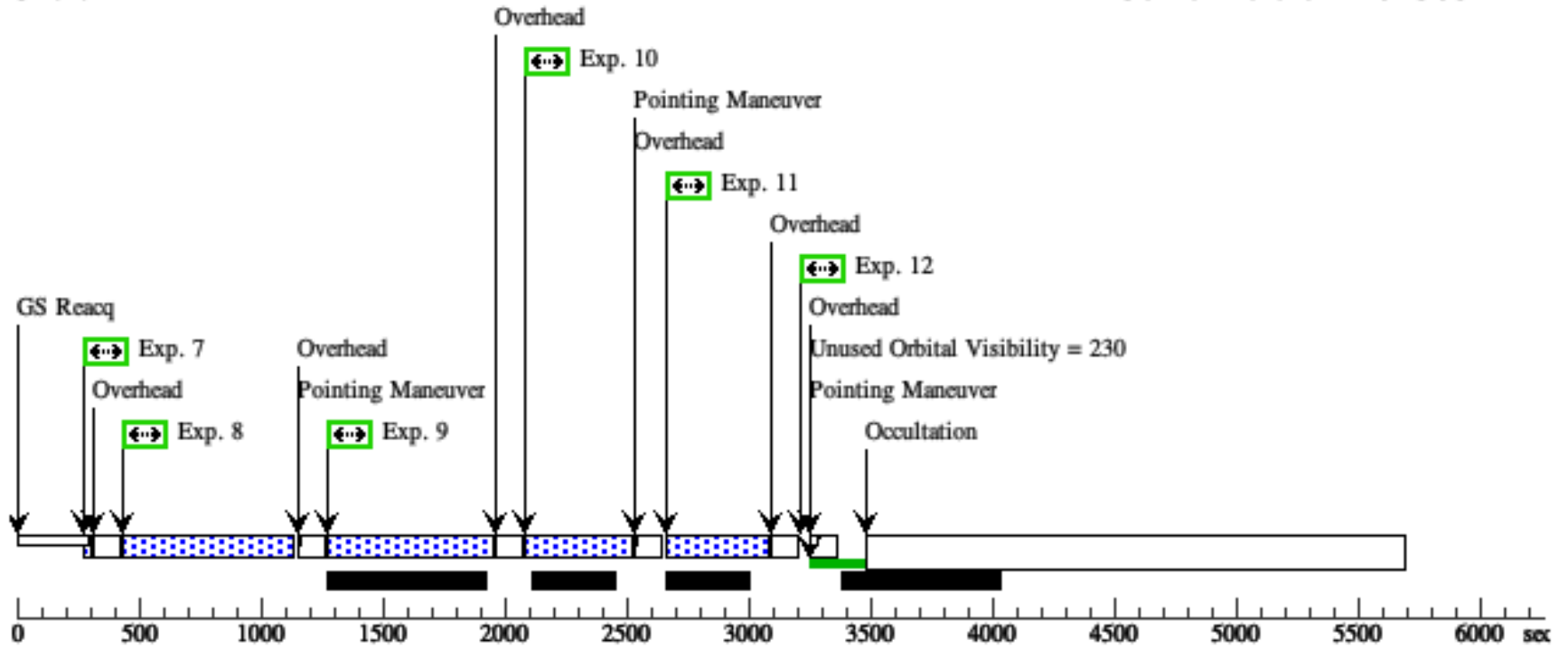
Proposal 15986 - Tile Visit 12 - WFC3 mosaic of NGC 2020 and NGC 2014

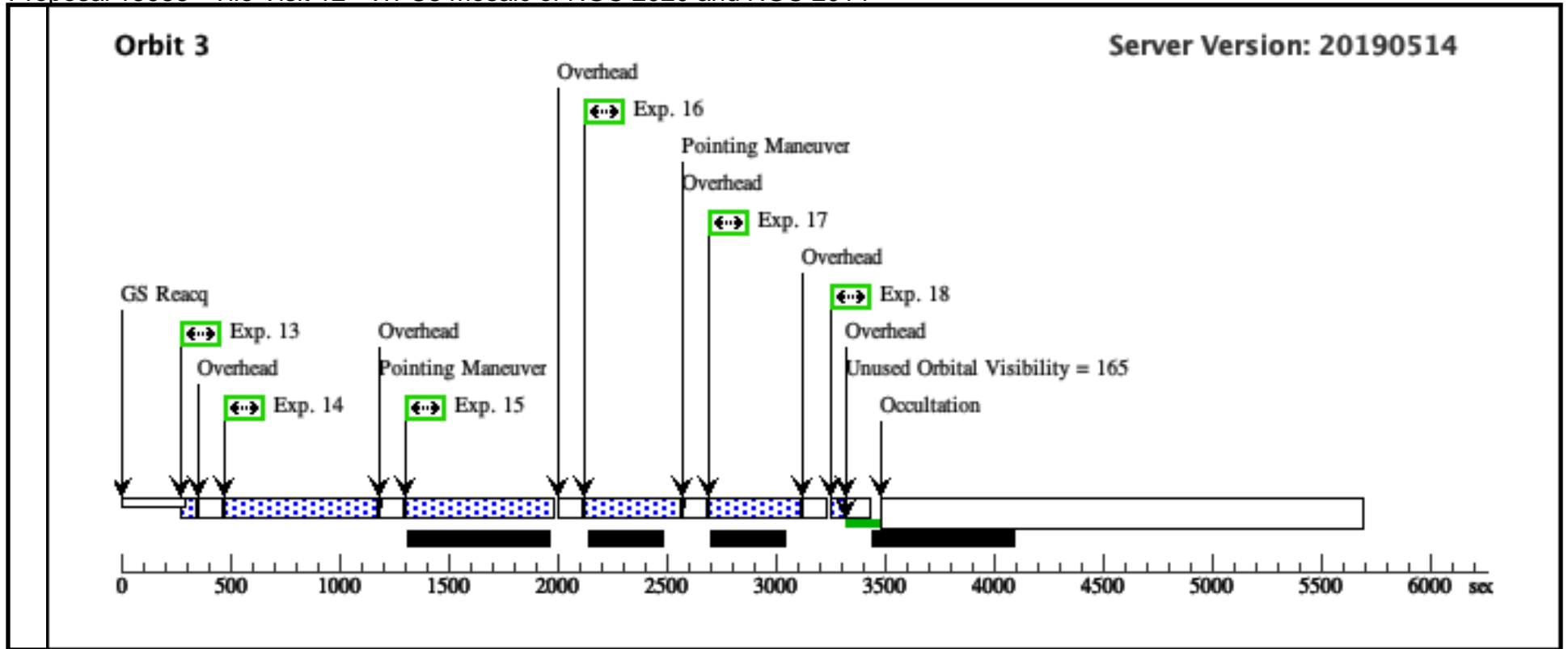
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG 155.282 51911647658,249.28 814851237246	40 Secs (40 Secs)	[==>]	[1]
	2	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,249.28 814851237246	680 Secs (680 Secs)	[==>]	[1]
	3	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,250.28 814851237246	680 Secs (680 Secs)	[==>]	[1]
	4	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,250.28 814851237246	420 Secs (420 Secs)	[==>]	[1]
	5	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,249.28 814851237246	420 Secs (420 Secs)	[==>]	[1]
	6	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG 155.282 51911647658,249.28 814851237246	30 Secs (30 Secs)	[==>]	[1]
	7	(WFC3UVI S.im.139100 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=12	POS TARG 155.282 51911647658,286.28 814851237246	3 Secs (3 Secs)	[==>]	[2]
	8	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,286.28 814851237246	680 Secs (680 Secs)	[==>]	[2]
	9	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,287.28 814851237246	680 Secs (680 Secs)	[==>]	[2]
	10	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,287.28 814851237246	420 Secs (420 Secs)	[==>]	[2]
	11	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,286.28 814851237246	420 Secs (420 Secs)	[==>]	[2]
	12	(WFC3UVI S.im.139101 2)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=12	POS TARG 155.282 51911647658,286.28 814851237246	2 Secs (2 Secs)	[==>]	[2]
	13	(WFC3UVI S.im.139099 9)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG 155.282 51911647658,323.28 814851237246	40 Secs (40 Secs)	[==>]	[3]
	14	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,323.28 814851237246	680 Secs (680 Secs)	[==>]	[3]
	15	(WFC3UVI S.im.139101 0)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,324.28 814851237246	680 Secs (680 Secs)	[==>]	[3]
	16	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 156.282 51911647658,324.28 814851237246	420 Secs (420 Secs)	[==>]	[3]
	17	(WFC3UVI S.im.139101 1)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 155.282 51911647658,323.28 814851237246	420 Secs (420 Secs)	[==>]	[3]
	18	(WFC3UVI S.im.139100 8)	(1) NGC-2020	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG 155.282 51911647658,323.28 814851237246	30 Secs (30 Secs)	[==>]	[3]



**Orbit 2**

**Server Version: 20190514**



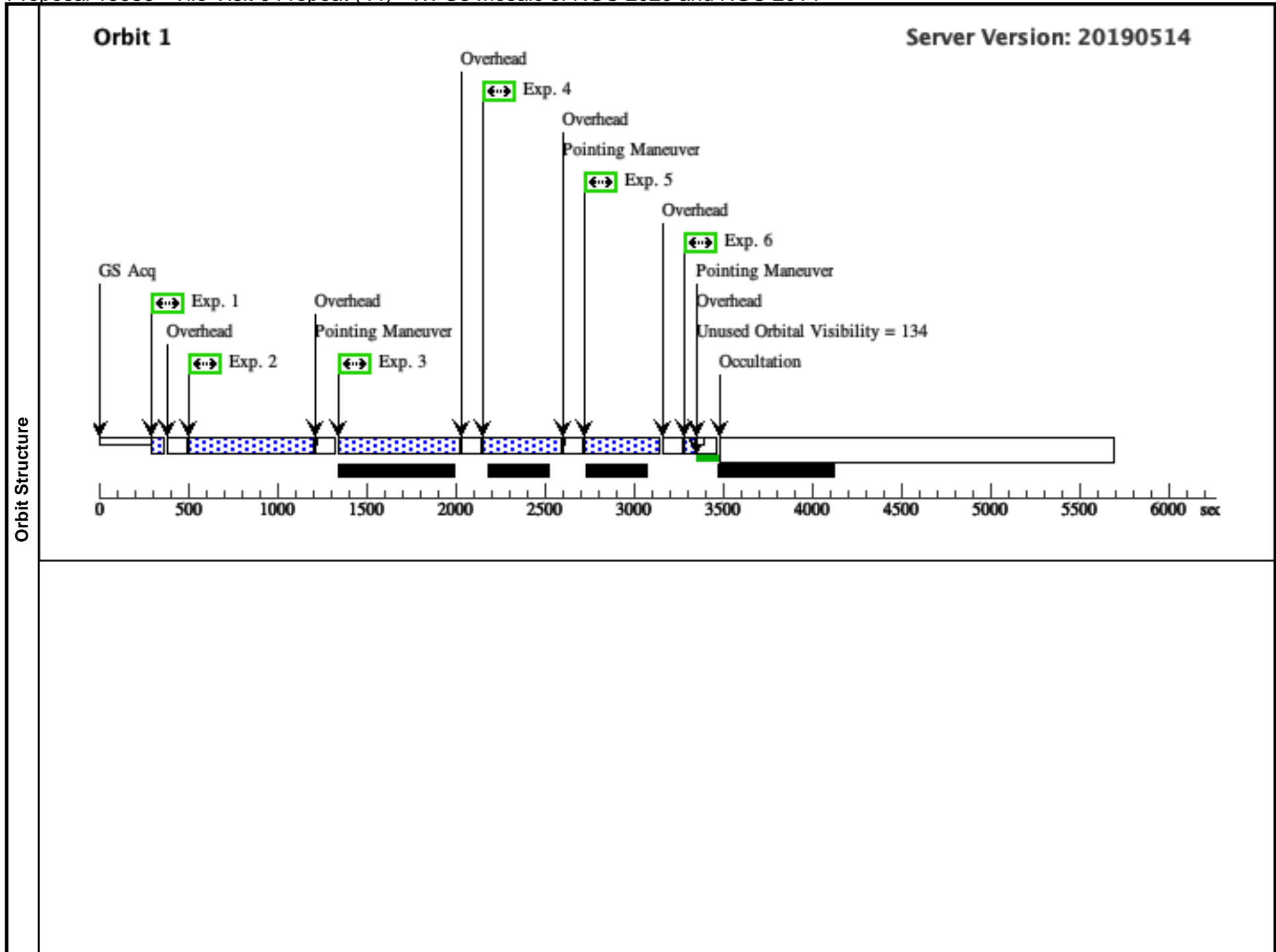


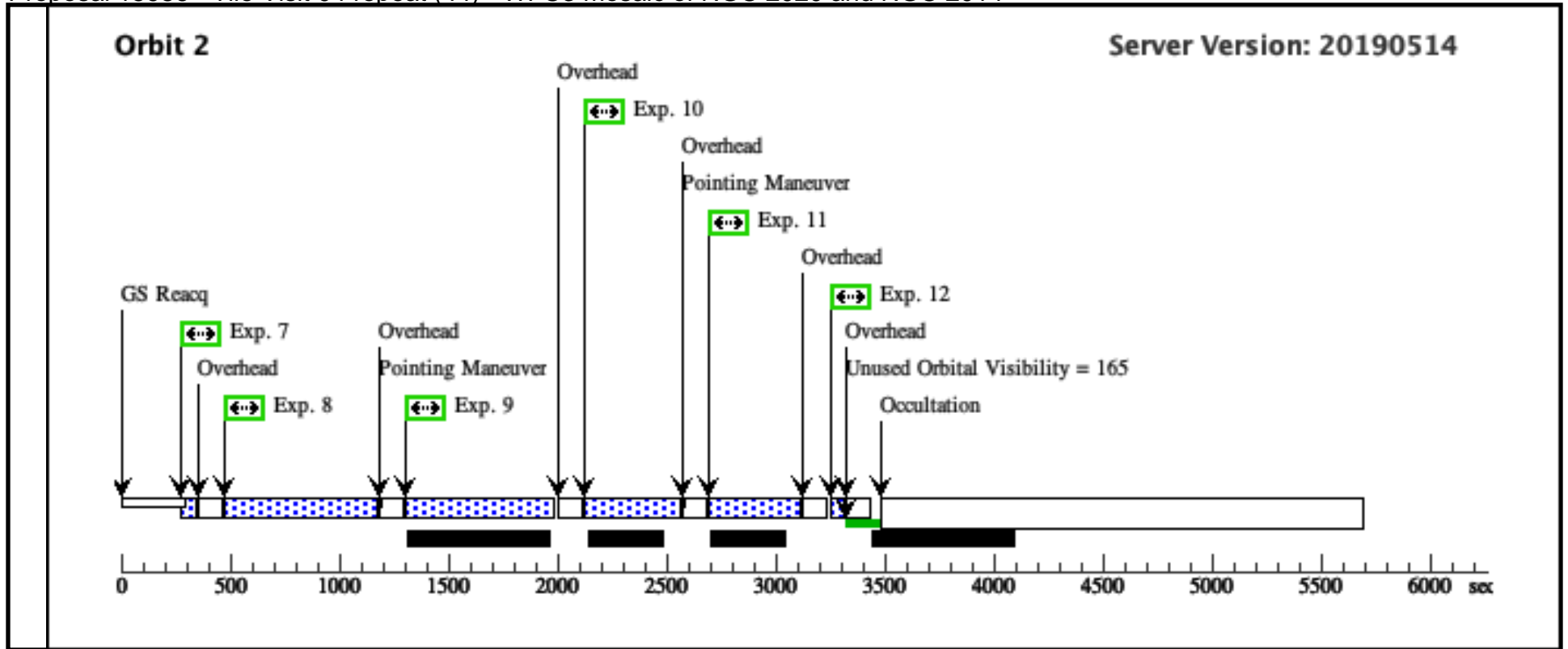
Proposal 15986 - Tile Visit 04 repeat (44) - WFC3 mosaic of NGC 2020 and NGC 2014

Fri Jan 17 23:01:53 GMT 2020

Visit	<b>Proposal 15986, Tile Visit 04 repeat (44), implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 55																											
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(4)</td> <td>NGC-2014-C</td> <td>RA: 05 32 16.2749 (83.0678121d) Dec: -67 45 2.03 (-67.75056d) Equinox: J2000</td> <td></td> <td>V=8.97</td> <td>Reference Frame: SIMBAD</td> </tr> <tr> <td colspan="6"> <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>  <i>Category=ISM</i>  <i>Description=[HII REGION, STAR FORMING REGION]</i> </td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(4)	NGC-2014-C	RA: 05 32 16.2749 (83.0678121d) Dec: -67 45 2.03 (-67.75056d) Equinox: J2000		V=8.97	Reference Frame: SIMBAD	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>Category=ISM</i> <i>Description=[HII REGION, STAR FORMING REGION]</i>				
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																							
(4)	NGC-2014-C	RA: 05 32 16.2749 (83.0678121d) Dec: -67 45 2.03 (-67.75056d) Equinox: J2000		V=8.97	Reference Frame: SIMBAD																							
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>Category=ISM</i> <i>Description=[HII REGION, STAR FORMING REGION]</i>																												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																		
	1	(WFC3UVI S.im.139100 2)	(4) NGC-2014-C	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=12	POS TARG 20,20		40 Secs (40 Secs) [==>]	[1]																		
	2	(WFC3UVI S.im.139101 0)	(4) NGC-2014-C	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 20,20		680 Secs (680 Secs) [==>]	[1]																		
	3	(WFC3UVI S.im.139101 0)	(4) NGC-2014-C	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 21,23		680 Secs (680 Secs) [==>]	[1]																		
	4	(WFC3UVI S.im.139101 1)	(4) NGC-2014-C	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 21,23		420 Secs (420 Secs) [==>]	[1]																		
	5	(WFC3UVI S.im.139101 1)	(4) NGC-2014-C	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 20,20		420 Secs (420 Secs) [==>]	[1]																		
	6	(WFC3UVI S.im.139101 2)	(4) NGC-2014-C	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=12	POS TARG 20,20		30 Secs (30 Secs) [==>]	[1]																		
	7	(WFC3UVI S.im.139099 9)	(4) NGC-2014-C	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG -20,-20		40 Secs (40 Secs) [==>]	[2]																		
	8	(WFC3UVI S.im.139101 0)	(4) NGC-2014-C	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -20,-20		680 Secs (680 Secs) [==>]	[2]																		
	9	(WFC3UVI S.im.139101 0)	(4) NGC-2014-C	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -21,-23		680 Secs (680 Secs) [==>]	[2]																		
	10	(WFC3UVI S.im.139101 1)	(4) NGC-2014-C	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -21,-23		420 Secs (420 Secs) [==>]	[2]																		
	11	(WFC3UVI S.im.139101 1)	(4) NGC-2014-C	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -20,-20		420 Secs (420 Secs) [==>]	[2]																		
	12	(WFC3UVI S.im.139100 8)	(4) NGC-2014-C	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG -20,-20		30 Secs (30 Secs) [==>]	[2]																		





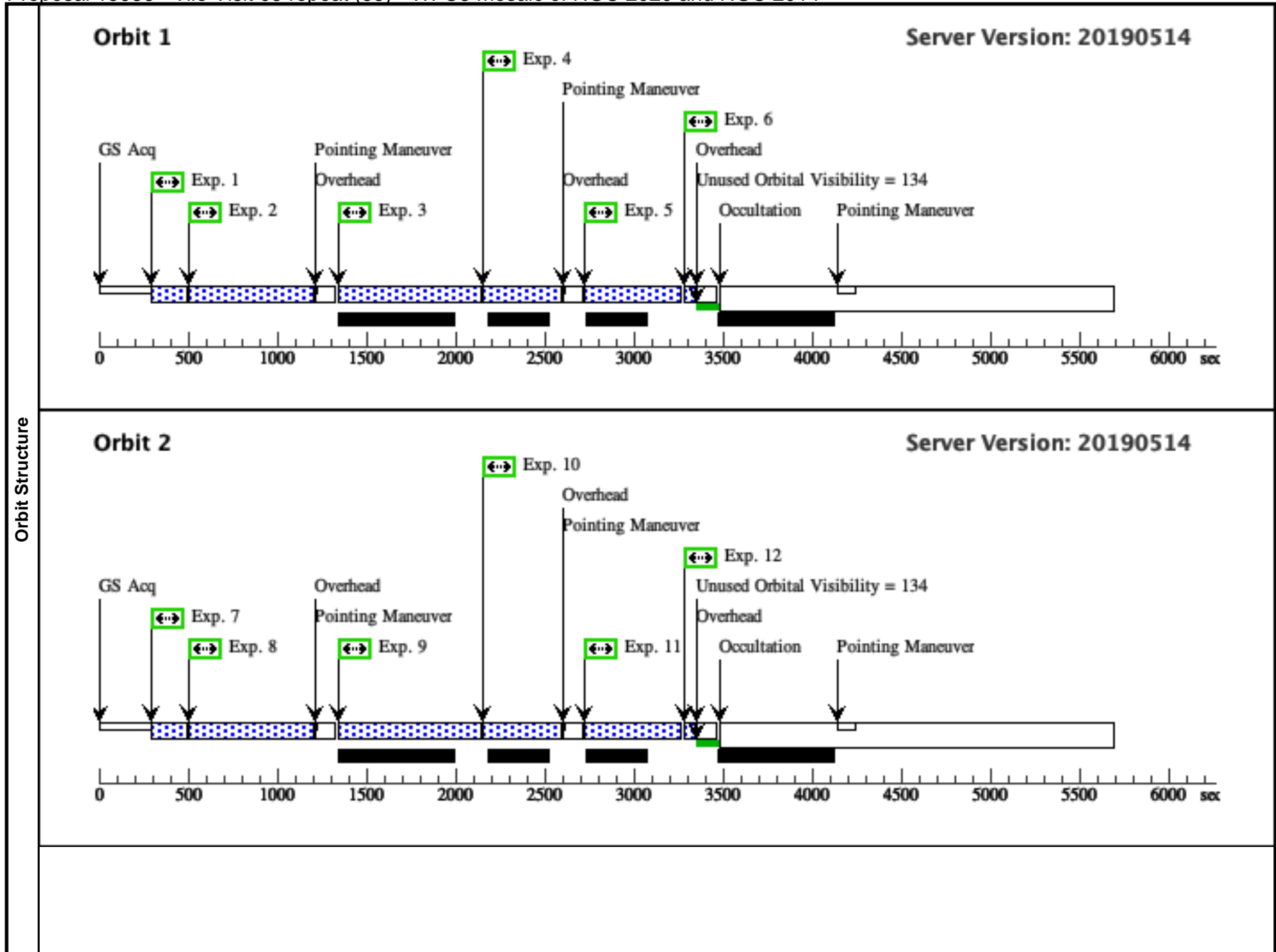


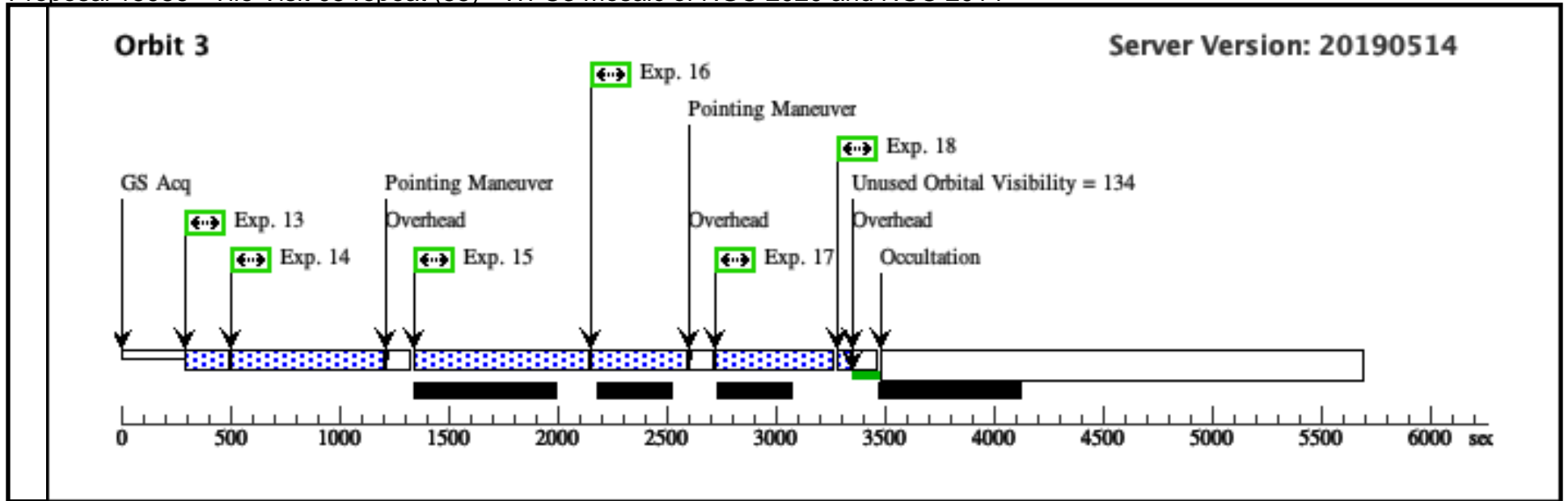
Proposal 15986 - Tile Visit 05 repeat (55) - WFC3 mosaic of NGC 2020 and NGC 2014

<b>Visit</b>	<b>Proposal 15986, Tile Visit 05 repeat (55), implementation</b> <span style="float: right;">Fri Jan 17 23:01:53 GMT 2020</span>					
	<b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: ORIENT 48D TO 58 D					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>
	(2)	NGC-2014-A	RA: 05 32 11.3300 (83.0472083d) Dec: -67 42 37.40 (-67.71039d) Equinox: J2000	Epoch of Position: 2015.5	V=8.97	Reference Frame: SIMBAD
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=ISM Description=[HII REGION, STAR FORMING REGION]						

Proposal 15986 - Tile Visit 05 repeat (55) - WFC3 mosaic of NGC 2020 and NGC 2014

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.139099 9)	(2) NGC-2014-A	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11		Sequence 1-6 Non-Int in Tile Visit 05 repeat (55)	40 Secs (40 Secs) [==>]	[1]
	2	(WFC3UVI S.im.139101 0)	(2) NGC-2014-A	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10		Sequence 1-6 Non-Int in Tile Visit 05 repeat (55)	680 Secs (680 Secs) [==>]	[1]
	3	(WFC3UVI S.im.139101 0)	(2) NGC-2014-A	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 1,3	Sequence 1-6 Non-Int in Tile Visit 05 repeat (55)	680 Secs (680 Secs) [==>]	[1]
	4	(WFC3UVI S.im.139101 1)	(2) NGC-2014-A	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 1,3	Sequence 1-6 Non-Int in Tile Visit 05 repeat (55)	420 Secs (420 Secs) [==>]	[1]
	5	(WFC3UVI S.im.139101 1)	(2) NGC-2014-A	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 0,0	Sequence 1-6 Non-Int in Tile Visit 05 repeat (55)	420 Secs (420 Secs) [==>]	[1]
	6	(WFC3UVI S.im.139100 8)	(2) NGC-2014-A	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11		Sequence 1-6 Non-Int in Tile Visit 05 repeat (55)	30 Secs (30 Secs) [==>]	[1]
	7	(WFC3UVI S.im.139100 2)	(2) NGC-2014-A	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=12	POS TARG 20,20; NEW OBSET FULL ACQ	Sequence 7-12 Non-Int in Tile Visit 05 repeat (55)	40 Secs (40 Secs) [==>]	[2]
	8	(WFC3UVI S.im.139101 0)	(2) NGC-2014-A	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 20,20	Sequence 7-12 Non-Int in Tile Visit 05 repeat (55)	680 Secs (680 Secs) [==>]	[2]
	9	(WFC3UVI S.im.139101 0)	(2) NGC-2014-A	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 21,23	Sequence 7-12 Non-Int in Tile Visit 05 repeat (55)	680 Secs (680 Secs) [==>]	[2]
	10	(WFC3UVI S.im.139101 1)	(2) NGC-2014-A	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 21,23	Sequence 7-12 Non-Int in Tile Visit 05 repeat (55)	420 Secs (420 Secs) [==>]	[2]
	11	(WFC3UVI S.im.139101 1)	(2) NGC-2014-A	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 20,20	Sequence 7-12 Non-Int in Tile Visit 05 repeat (55)	420 Secs (420 Secs) [==>]	[2]
	12	(WFC3UVI S.im.139101 2)	(2) NGC-2014-A	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=12	POS TARG 20,20	Sequence 7-12 Non-Int in Tile Visit 05 repeat (55)	30 Secs (30 Secs) [==>]	[2]
	13	(WFC3UVI S.im.139099 9)	(2) NGC-2014-A	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG -20,-20; NEW OBSET FULL ACQ	Sequence 13-18 Non-Int in Tile Visit 05 repeat (55)	40 Secs (40 Secs) [==>]	[3]
	14	(WFC3UVI S.im.139101 0)	(2) NGC-2014-A	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -20,-20	Sequence 13-18 Non-Int in Tile Visit 05 repeat (55)	680 Secs (680 Secs) [==>]	[3]
	15	(WFC3UVI S.im.139101 0)	(2) NGC-2014-A	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -21,-23	Sequence 13-18 Non-Int in Tile Visit 05 repeat (55)	680 Secs (680 Secs) [==>]	[3]
	16	(WFC3UVI S.im.139101 1)	(2) NGC-2014-A	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -21,-23	Sequence 13-18 Non-Int in Tile Visit 05 repeat (55)	420 Secs (420 Secs) [==>]	[3]
	17	(WFC3UVI S.im.139101 1)	(2) NGC-2014-A	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -20,-20	Sequence 13-18 Non-Int in Tile Visit 05 repeat (55)	420 Secs (420 Secs) [==>]	[3]
18	(WFC3UVI S.im.139100 8)	(2) NGC-2014-A	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG -20,-20	Sequence 13-18 Non-Int in Tile Visit 05 repeat (55)	30 Secs (30 Secs) [==>]	[3]	





Proposal 15986 - Tile Visit 12 repeat (22) - WFC3 mosaic of NGC 2020 and NGC 2014

Fri Jan 17 23:01:53 GMT 2020

Visit	Proposal 15986, Tile Visit 12 repeat (22), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: ORIENT 47D TO 49 D																											
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(3)</td> <td>NGC-2014-B</td> <td>RA: 05 32 59.4227 (83.2475946d) Dec: -67 37 41.56 (-67.62821d) Equinox: J2000</td> <td></td> <td>V=8.97</td> <td>Reference Frame: SIMBAD</td> </tr> <tr> <td colspan="6"> <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>  <i>Category=ISM</i>  <i>Description=[HII REGION, STAR FORMING REGION]</i> </td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(3)	NGC-2014-B	RA: 05 32 59.4227 (83.2475946d) Dec: -67 37 41.56 (-67.62821d) Equinox: J2000		V=8.97	Reference Frame: SIMBAD	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>Category=ISM</i> <i>Description=[HII REGION, STAR FORMING REGION]</i>				
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	1	(WFC3UVI S.im.139100 2)	(3) NGC-2014-B	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=12	POS TARG 21,21; GS ACQ SCENARI O BASE1B3		40 Secs (40 Secs) [==>]	[1]																		
	2	(WFC3UVI S.im.139101 0)	(3) NGC-2014-B	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 21,21		680 Secs (680 Secs) [==>]	[1]																		
	3	(WFC3UVI S.im.139101 0)	(3) NGC-2014-B	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 22,24		680 Secs (680 Secs) [==>]	[1]																		
	4	(WFC3UVI S.im.139101 1)	(3) NGC-2014-B	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 22,24		420 Secs (420 Secs) [==>]	[1]																		
	5	(WFC3UVI S.im.139101 1)	(3) NGC-2014-B	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG 21,21		420 Secs (420 Secs) [==>]	[1]																		
	6	(WFC3UVI S.im.139101 2)	(3) NGC-2014-B	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=12	POS TARG 22,24		40 Secs (40 Secs) [==>]	[1]																		
	7	(WFC3UVI S.im.139099 9)	(3) NGC-2014-B	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	CR-SPLIT=NO; FLASH=11	POS TARG -25,-25; NEW OBSET FULL ACQ; GS ACQ SCENARI O BASE1B3		40 Secs (40 Secs) [==>]	[2]																		
	8	(WFC3UVI S.im.139101 0)	(3) NGC-2014-B	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -25,-25		680 Secs (680 Secs) [==>]	[2]																		
	9	(WFC3UVI S.im.139101 0)	(3) NGC-2014-B	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -26,-28		680 Secs (680 Secs) [==>]	[2]																		
	10	(WFC3UVI S.im.139101 1)	(3) NGC-2014-B	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -26,-28		420 Secs (420 Secs) [==>]	[2]																		
	11	(WFC3UVI S.im.139101 1)	(3) NGC-2014-B	WFC3/UVIS, ACCUM, UVIS-CENTER	F657N	CR-SPLIT=NO; FLASH=10	POS TARG -25,-25		420 Secs (420 Secs) [==>]	[2]																		
	12	(WFC3UVI S.im.139100 8)	(3) NGC-2014-B	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	CR-SPLIT=NO; FLASH=11	POS TARG -25,-25		30 Secs (30 Secs) [==>]	[2]																		

