



15948 - Make STIS Great Again!

Cycle: 27, Proposal Category: GO

(Calibration, UV Initiative)

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Dr. Thomas R. Ayres (PI) (Contact)	University of Colorado at Boulder	thomas.ayres@colorado.edu
Dr. Daniel E. Welty (CoI)	Space Telescope Science Institute	dwelty@stsci.edu
Dr. Charles R. Proffitt (CoI)	Space Telescope Science Institute	proffitt@stsci.edu

VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
10	NONE	STIS/FUV-MAMA	1	08-May-2020 16:00:15.0	yes
11	NONE	STIS/FUV-MAMA	1	08-May-2020 16:00:15.0	yes
20	NONE	STIS/NUV-MAMA	1	08-May-2020 16:00:16.0	yes
21	NONE	STIS/NUV-MAMA	1	08-May-2020 16:00:16.0	yes
22	NONE	STIS/NUV-MAMA	1	08-May-2020 16:00:16.0	yes
30	NONE	STIS/NUV-MAMA	1	08-May-2020 16:00:17.0	yes
31	NONE	STIS/NUV-MAMA	1	08-May-2020 16:00:17.0	yes
32	NONE	STIS/NUV-MAMA	1	08-May-2020 16:00:17.0	yes
40	NONE	STIS/NUV-MAMA	1	08-May-2020 16:00:18.0	yes
41	NONE	STIS/NUV-MAMA	1	08-May-2020 16:00:18.0	yes
42	NONE	STIS/NUV-MAMA	1	08-May-2020 16:00:18.0	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>
43	NONE	STIS/NUV-MAMA	1	08-May-2020 16:00:19.0	yes
44	NONE	STIS/NUV-MAMA	1	08-May-2020 16:00:19.0	yes
50	NONE	STIS/NUV-MAMA	1	08-May-2020 16:00:19.0	yes
51	NONE	STIS/NUV-MAMA	1	08-May-2020 16:00:20.0	yes
60	NONE	STIS/NUV-MAMA	1	08-May-2020 16:00:20.0	yes
61	NONE	STIS/NUV-MAMA	1	08-May-2020 16:00:20.0	yes
62	NONE	STIS/NUV-MAMA	1	08-May-2020 16:00:21.0	yes
63	NONE	STIS/NUV-MAMA	1	08-May-2020 16:00:21.0	yes

19 Total Orbits Used

ABSTRACT

STIS is the premier high-resolution UV spectrograph in space, carrying out state-of-the-art investigations of a dizzying array of cosmic phenomena. While the instrument performance is superb, the CALSTIS pipeline wavelength scales can be improved in two significant ways: (1) collect new wavecal lamp exposures for echelle settings currently lacking adequate calibration coverage in the modern (post-SM4) era; and (2) build easy-to-apply corrections to compensate for small wavelength distortions introduced by the low-order polynomial dispersion model currently incorporated in the pipeline. In fact, success of the second improvement depends on availability of "missing" calibrations delivered by the first part. A modest expenditure of calibration time can enhance the extensive legacy of STIS, now and into the future.

OBSERVING DESCRIPTION

****Impact of Reduced Gyro Mode****

This is a calibration project, internal to the STIS instrument, without external targets. Thus, there would be no impacts of RGM on the program.

Observation Description

Proposal 15948 (STScI Edit Number: 5, Created: Friday, May 8, 2020 at 3:00:21 PM Eastern Standard Time) - Overview

Observational objective is to acquire new wavelength calibrations for STIS echelle settings lacking adequate post-SM4 coverage. The observational program is straightforward, consisting of a series of calibration lamp exposures, carried out in short, partial-orbit visits for ease of scheduling (i.e., during Earth occultations). For NUV high-res settings (which dominate the high-priority group), use of the 0.2x0.09 slit would double throughput compared with the 0.1x0.09 slit normally employed for such calibrations (to minimize order-crowding, but this is not an issue for the high-res echelle settings considered here), thus reducing exposure times to reach desired exposure depths. The default 0.2x0.09 slit would be used for the two FUV high-res settings, and the default 0.2x0.06 slit for the three NUV medium-res settings (where achieving the highest resolution is important). The brighter HITM2 lamp would be used for the two FUV settings to improve S/N, especially at the shortest wavelengths where the lamp intensity fades rapidly. Preferable to schedule the two sets of FUV exposures in "low FUV glow" orbits, i.e., 1--2 orbits after FUV MAMA is turned on.

In the comment lines for the individual exposures in the APT script, a summary of the existing formal wavelength calibration exposures for that setting is provided. For example, the entry:

```
o8gs03m6q : H-1307/2002-06-13/0.2X0.09/TEXP= 1X 600s / GCR= 1.628E+02 / bpix= 0.2 (262,932)
```

lists, in order: the wavecal dataset name; the mode-setting; observation date; slit used; exposure time ("N" X "texp", where "N" is the number of repeats of "texp" seconds); the Global Count Rate GCR in cnt/s; and the brightest pixel, bpix (1024x1024 low-res format), in cnt/s, where the parenthetical entry is the (x,y) coordinates of that pixel. The exposures are separated into pre- and post-SM4, if applicable, by a gap. The list does not include informal wavelength calibrations taken by individual GOs, but is intended to provide representative GCRs and bpix's for real exposures. The associated STIS/ETC runs were based on empirical H(igh)-res and M(edium)-res atlases of the wavecal lamps, for which the relative flux levels were adjusted to reproduce, on average, the brightest pixel count rates in a set of representative archival wavecals. Note that the GCRs of the empirical post-SM4 NUV wavecals can show large variations, mainly due to the higher fluorescent backgrounds in the 2009-2011 time frame. Nevertheless, the bpix values are nearly independent of the GCRs.

Proposal 15948 - Visit 10 - Make STIS Great Again!

Fri May 08 20:00:21 GMT 2020

Visit	<p>Proposal 15948, Visit 10, completed</p> <p>Diagnostic Status: Error</p> <p>Scientific Instruments: STIS/FUV-MAMA</p> <p>Special Requirements: (none)</p> <p><i>Comments: Preferable to schedule the FUV exposures in "low FUV glow" orbits, i.e., 1--2 orbits after FUV MAMA is turned on.</i></p>																																																	
	<p>(Exposure 1 (Visit 10)) Error (Form): LAMP is not a valid selection</p> <p>(Exposure 1 (Visit 10)) Error (Form): Target NONE is no longer a valid selection</p> <p>(Exposure 1 (Visit 10)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP.</p> <p>The combination of attributes chosen is illegal.</p> <p>(Exposure 1 (Visit 10)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP=LINE.</p> <p>The combination of attributes chosen is illegal.</p> <p>(Exposure 1 (Visit 10)) Error (Form): This attribute cannot have this value: Calibration_Target = NONE</p> <p>It is an Available option and cannot normally be used in a GO proposal.</p> <p>(Exposure 1 (Visit 10) special requirements) Error (Form): Qesiparms may not be specified in Supported mode or PC Only mode.</p> <p>(Visit 10) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU</p>																																																	
Diagnostics	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(STIS.sp.13 65718)</td> <td>NONE</td> <td>STIS/FUV-MAMA, ACCUM, 0.2X0.09</td> <td>E140H 1307 A</td> <td>LAMP=LINE</td> <td>QESIPARM TARG TYPE HITM2</td> <td></td> <td>700 Secs X 2 (1400 Secs)</td> <td></td> </tr> <tr> <td colspan="8"></td> <td>[==>(Copy 1)]</td> <td>[1]</td> </tr> <tr> <td colspan="8"></td> <td>[==>(Copy 2)]</td> <td></td> </tr> </tbody> </table> <p><i>Comments: Preferable to schedule the FUV exposures in "low FUV glow" orbits, i.e., 1--2 orbits after FUV MAMA is turned on.</i></p> <p><i>HITM2 lamp preferred.</i></p> <p><i>o47s01010 : H-1307/1997-08-19/0.2X0.09/TEXP= 2X 600s / GCR= 2.379E+02 / bpix= 0.3 (422,257)</i></p> <p><i>o8gs03m6q : H-1307/2002-06-13/0.2X0.09/TEXP= 1X 600s / GCR= 1.628E+02 / bpix= 0.2 (262,932)</i></p>										#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(STIS.sp.13 65718)	NONE	STIS/FUV-MAMA, ACCUM, 0.2X0.09	E140H 1307 A	LAMP=LINE	QESIPARM TARG TYPE HITM2		700 Secs X 2 (1400 Secs)										[==>(Copy 1)]	[1]									[==>(Copy 2)]	
	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																								
1	(STIS.sp.13 65718)	NONE	STIS/FUV-MAMA, ACCUM, 0.2X0.09	E140H 1307 A	LAMP=LINE	QESIPARM TARG TYPE HITM2		700 Secs X 2 (1400 Secs)																																										
								[==>(Copy 1)]	[1]																																									
								[==>(Copy 2)]																																										
<p>Exposures</p>																																																		
Orbit Structure	<p>Orbit 1</p> <p>Unused Orbital Visibility = 3142</p> <p>Server Version: 20191203</p>																																																	
	<p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>																																																	

Proposal 15948 - Visit 11 - Make STIS Great Again!

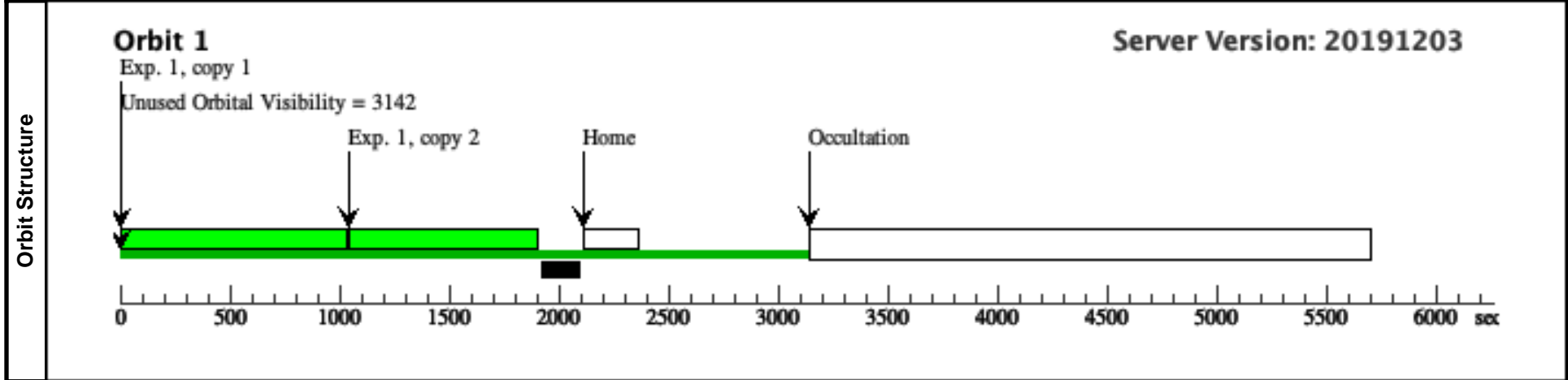
Fri May 08 20:00:21 GMT 2020

Visit
Proposal 15948, Visit 11, implementation
Diagnostic Status: Error
 Scientific Instruments: STIS/FUV-MAMA
 Special Requirements: (none)
Comments: Preferable to schedule the FUV exposures in "low FUV glow" orbits, i.e., 1--2 orbits after FUV MAMA is turned on.

Diagnostics
 (Exposure 1 (Visit 11)) Error (Form): LAMP is not a valid selection
 (Exposure 1 (Visit 11)) Error (Form): Target NONE is no longer a valid selection
 (Exposure 1 (Visit 11)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP.
 The combination of attributes chosen is illegal.
 (Exposure 1 (Visit 11)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP=HITM2.
 The combination of attributes chosen is illegal.
 (Exposure 1 (Visit 11)) Error (Form): This attribute is not allowed to have this value: Calibration_Target = NONE
 It is an Available option and cannot normally be used in a GO proposal.
 (Exposure 1 (Visit 11) special requirements) Error (Form): Qelogsheet may not be specified in Supported mode or PC Only mode.
 (Visit 11) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.sp.13 65712)	NONE	STIS/FUV-MAMA, ACCUM, 0.2X0.09	E140H 1271 A	LAMP=HITM2	QELOGSHEET MI NWAVE 1453		850 Secs X 2 (1700 Secs) [=>(Copy 1)] [=>(Copy 2)]	[1]

Comments: Preferable to schedule the FUV exposures in "low FUV glow" orbits, i.e., 1--2 orbits after FUV MAMA is turned on.
 HITM2 lamp preferred.
 o8gs07t4q : H-1453/2002-06-21/0.2X0.09/TEXP= 1X 236s / GCR= 2.876E+02 / bpix= 0.9 (400,889)



Proposal 15948 - Visit 20 - Make STIS Great Again!

Fri May 08 20:00:21 GMT 2020

Visit	<p>Proposal 15948, Visit 20, completed</p> <p>Diagnostic Status: Error</p> <p>Scientific Instruments: STIS/NUV-MAMA</p> <p>Special Requirements: (none)</p>																																																		
	<p>(Exposure 1 (Visit 20)) Error (Form): LAMP is not a valid selection</p> <p>(Exposure 1 (Visit 20)) Error (Form): Target NONE is no longer a valid selection</p> <p>(Exposure 1 (Visit 20)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP.</p> <p>The combination of attributes chosen is illegal.</p> <p>(Exposure 1 (Visit 20)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP=LINE.</p> <p>The combination of attributes chosen is illegal.</p> <p>(Exposure 1 (Visit 20)) Error (Form): This attribute is not allowed to have this value: Calibration_Target = NONE</p> <p>It is an Available option and cannot normally be used in a GO proposal.</p>																																																		
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(STIS.sp.13 65702)</td> <td>NONE</td> <td>STIS/NUV-MAMA, ACCUM, 0.2X0.06</td> <td>E230M 2124 A</td> <td>LAMP=LINE</td> <td></td> <td></td> <td>550 Secs X 2 (1100 Secs)</td> <td></td> </tr> <tr> <td colspan="8"></td> <td>[=>(Copy 1)]</td> <td>[1]</td> </tr> <tr> <td colspan="8"></td> <td>[=>(Copy 2)]</td> <td></td> </tr> </tbody> </table>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(STIS.sp.13 65702)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.06	E230M 2124 A	LAMP=LINE			550 Secs X 2 (1100 Secs)										[=>(Copy 1)]	[1]									[=>(Copy 2)]		<p><i>Comments: o6ij05mgq : M-2124/2001-08-15/0.2X0.06/TEXP= 1X 159s / GCR= 2.467E+03 / bpix= 2.7 (459,20)</i></p> <p><i>o8gs22h3q : M-2124/2002-07-12/0.2X0.06/TEXP= 1X 140s / GCR= 2.151E+03 / bpix= 2.8 (457,50)</i></p> <p><i>obl602smq : M-2124/2010-11-17/0.2X0.06/TEXP= 1X 900s / GCR= 1.038E+04 / bpix= 2.5 (457,47)</i></p>									
	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																									
1	(STIS.sp.13 65702)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.06	E230M 2124 A	LAMP=LINE			550 Secs X 2 (1100 Secs)																																											
								[=>(Copy 1)]	[1]																																										
								[=>(Copy 2)]																																											
Orbit Structure	<div style="text-align: right;">Server Version: 20191203</div> <p>Orbit 1 Unused Orbital Visibility = 3142</p> <p>The diagram shows a horizontal timeline from 0 to 6000 seconds. Key events are marked with arrows: 'Exp. 1, copy 1' at 0s, 'Exp. 1, copy 2' at 1100s, 'Home' at 1500s, and 'Occultation' at 3100s. A green bar highlights the exposure periods from 0 to 1300s. A white bar highlights the occultation period from 3100 to 5700s. A small black bar is visible at approximately 1400s.</p>																																																		

Proposal 15948 - Visit 21 - Make STIS Great Again!

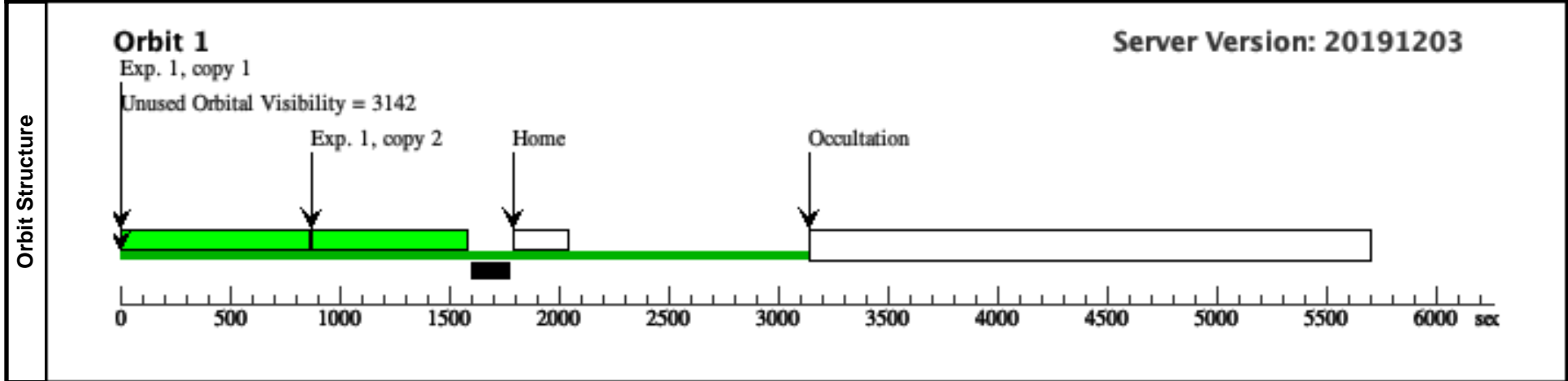
Fri May 08 20:00:22 GMT 2020

Visit
Proposal 15948, Visit 21, completed
Diagnostic Status: Error
 Scientific Instruments: STIS/NUV-MAMA
 Special Requirements: (none)

Diagnostics
 (Exposure 1 (Visit 21)) Error (Form): LAMP is not a valid selection
 (Exposure 1 (Visit 21)) Error (Form): Target NONE is no longer a valid selection
 (Exposure 1 (Visit 21)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP.
 The combination of attributes chosen is illegal.
 (Exposure 1 (Visit 21)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP=LINE.
 The combination of attributes chosen is illegal.
 (Exposure 1 (Visit 21)) Error (Form): This attribute is not allowed to have this value: Calibration_Target = NONE
 It is an Available option and cannot normally be used in a GO proposal.
 (Visit 21) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.sp.13 65703)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.06	E230M 2269 A	LAMP=LINE			700 Secs X 2 (1400 Secs)	
								[=>(Copy 1)]	[1]
								[=>(Copy 2)]	

*Comments: o67w04juq : M-2269/2000-05-24/0.2X0.06/TEXP= 1X 109s / GCR= 2.900E+03 / bpix= 9.5 (711,52)
 o8gs34gsq : M-2269/2002-07-26/0.2X0.06/TEXP= 1X 110s / GCR= 2.466E+03 / bpix= 6.3 (708,33)*



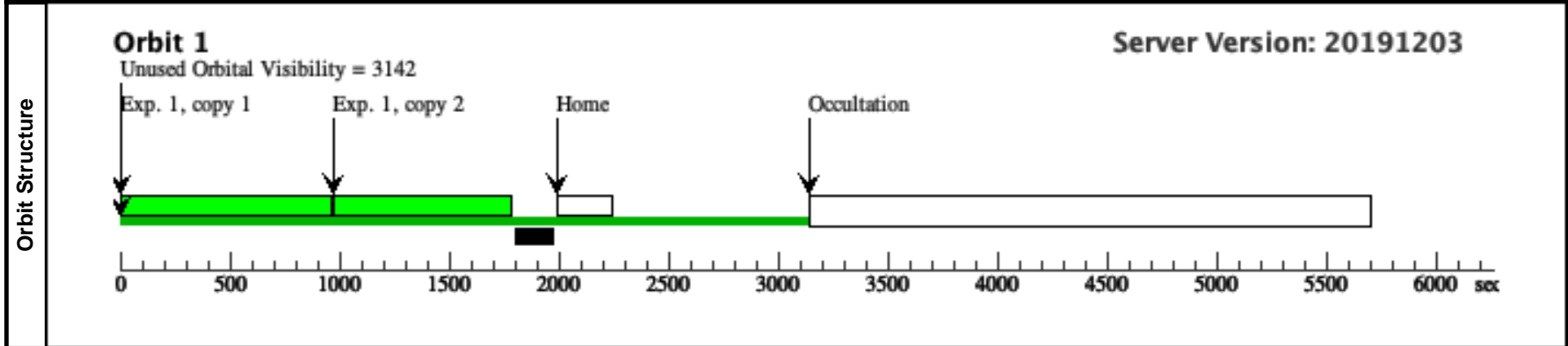
Proposal 15948 - Visit 22 - Make STIS Great Again!

Fri May 08 20:00:22 GMT 2020

Visit	<p>Proposal 15948, Visit 22, completed</p> <p>Diagnostic Status: Error</p> <p>Scientific Instruments: STIS/NUV-MAMA</p> <p>Special Requirements: (none)</p>
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Diagnostics	<p>(Exposure 1 (Visit 22)) Error (Form): LAMP is not a valid selection</p> <p>(Exposure 1 (Visit 22)) Error (Form): Target NONE is no longer a valid selection</p> <p>(Exposure 1 (Visit 22)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP. The combination of attributes chosen is illegal.</p> <p>(Exposure 1 (Visit 22)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP=LINE. The combination of attributes chosen is illegal.</p> <p>(Exposure 1 (Visit 22)) Error (Form): This attribute is not allowed to have this value: Calibration_Target = NONE It is an Available option and cannot normally be used in a GO proposal.</p> <p>(Visit 22) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU</p>
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#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.sp.13 65704)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.06	E230M 2707 A	LAMP=LINE			800 Secs X 2 (1600 Secs)	
								[=>(Copy 1)]	[1]
								[=>(Copy 2)]	
<p><i>Comments: o5j254wdq : M-2707/2000-08-12/0.2X0.06/TEXP= 1X 87s / GCR= 5.017E+03 / bpix= 9.9 (697,567)</i> <i>o69i04kiq : M-2707/2000-07-19/0.2X0.06/TEXP= 1X 87s / GCR= 4.985E+03 / bpix= 10.5 (740,543)</i> <i>o8va03hvf : M-2707/2004-02-05/0.2X0.06/TEXP= 1X 950s / GCR= 4.028E+03 / bpix= 8.6 (713,557)</i> <i>ob8804flq : M-2707/2009-08-20/0.2X0.06/TEXP= 1X 87s / GCR= 1.568E+04 / bpix= 9.0 (716,553)</i> <i>obnr03osq : M-2707/2010-11-16/0.2X0.06/TEXP= 1X 87s / GCR= 1.014E+04 / bpix= 8.3 (716,554)</i> <i>obv703ilq : M-2707/2011-10-18/0.2X0.06/TEXP= 1X 87s / GCR= 5.251E+03 / bpix= 8.1 (716,553)</i> <i>oc4p03u1q : M-2707/2012-10-19/0.2X0.06/TEXP= 1X 87s / GCR= 3.867E+03 / bpix= 7.1 (715,554)</i> <i>ocge03e7q : M-2707/2013-10-28/0.2X0.06/TEXP= 1X 87s / GCR= 3.780E+03 / bpix= 6.8 (716,557)</i> <i>ocpn03ebq : M-2707/2014-11-17/0.2X0.06/TEXP= 1X 87s / GCR= 3.737E+03 / bpix= 7.5 (716,553)</i> <i>od1b03p9q : M-2707/2015-11-03/0.2X0.06/TEXP= 1X 87s / GCR= 3.335E+03 / bpix= 7.0 (716,554)</i></p>									



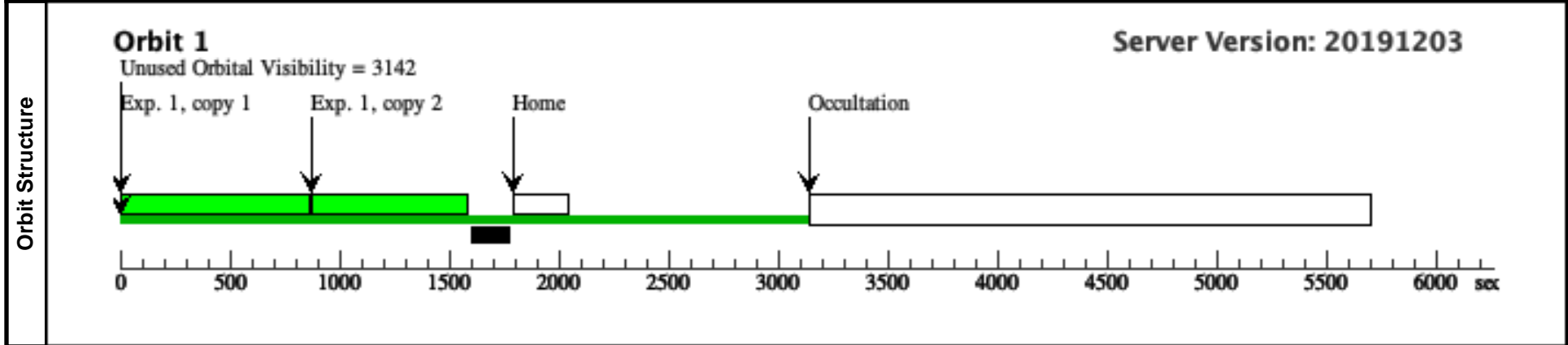
Proposal 15948 - Visit 30 - Make STIS Great Again!

Fri May 08 20:00:22 GMT 2020

Visit
Proposal 15948, Visit 30, implementation
Diagnostic Status: Error
 Scientific Instruments: STIS/NUV-MAMA
 Special Requirements: (none)

Diagnostics
 (Exposure 1 (Visit 30)) Error (Form): LAMP is not a valid selection
 (Exposure 1 (Visit 30)) Error (Form): Target NONE is no longer a valid selection
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 The combination of attributes chosen is illegal.
 (Exposure 1 (Visit 30)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP=LINE.
 The combination of attributes chosen is illegal.
 (Exposure 1 (Visit 30)) Error (Form): This attribute is not allowed to have this value: Calibration_Target = NONE
 It is an Available option and cannot normally be used in a GO proposal.
 (Exposure 1 (Visit 30) special requirements) Error (Form): Qelogsheet may not be specified in Supported mode or PC Only mode.
 (Visit 30) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.sp.13 65721)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2363 A	LAMP=LINE	QELOGSHEET MI NWAVE 1813		700 Secs X 2 (1400 Secs) [=>(Copy 1)] [=>(Copy 2)]	[1]
<i>Comments: o4nr05kyq : H-1813/1998-02-17/0.1X0.09/TEXP= 1X 738s / GCR= 2.214E+03 / bpix= 2.8 (428,157)</i> <i>o5j255siq : H-1813/2000-08-11/0.1X0.09/TEXP= 1X 738s / GCR= 1.834E+03 / bpix= 2.3 (429,127)</i> <i>o69i05otq : H-1813/2000-07-20/0.1X0.09/TEXP= 1X 738s / GCR= 1.517E+03 / bpix= 2.4 (427,183)</i>									



Proposal 15948 - Visit 31 - Make STIS Great Again!

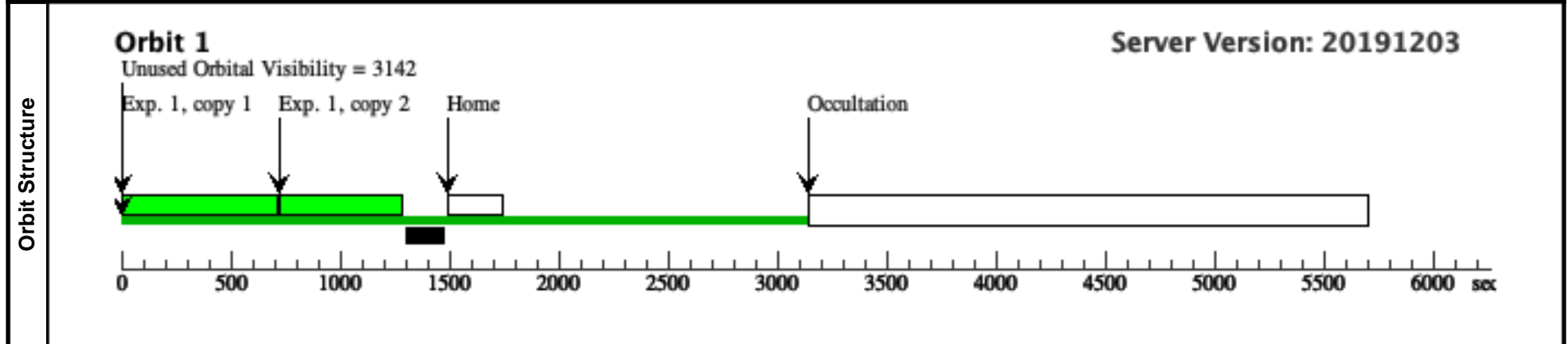
Fri May 08 20:00:22 GMT 2020

Visit
Proposal 15948, Visit 31, implementation
Diagnostic Status: Error
 Scientific Instruments: STIS/NUV-MAMA
 Special Requirements: (none)

Diagnostics
 (Exposure 1 (Visit 31)) Error (Form): LAMP is not a valid selection
 (Exposure 1 (Visit 31)) Error (Form): Target NONE is no longer a valid selection
 (Exposure 1 (Visit 31)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP.
 The combination of attributes chosen is illegal.
 (Exposure 1 (Visit 31)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP=LINE.
 The combination of attributes chosen is illegal.
 (Exposure 1 (Visit 31)) Error (Form): This attribute is not allowed to have this value: Calibration_Target = NONE
 It is an Available option and cannot normally be used in a GO proposal.
 (Exposure 1 (Visit 31) special requirements) Error (Form): Qelogsheet may not be specified in Supported mode or PC Only mode.

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.sp.13 65728)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2363 A	LAMP=LINE	QELOGSHEET MI NWAVE 1863		550 Secs X 2 (1100 Secs) [=>(Copy 1)] [=>(Copy 2)]	[1]

Comments: o8gs26woq : H-1863/2002-07-17/0.1X0.09/TEXP= 1X 698s / GCR= 1.226E+03 / bpix= 1.5 (439,333)
obl602spq : H-1863/2010-11-17/0.1X0.09/TEXP= 1X 900s / GCR= 1.004E+04 / bpix= 0.9 (441,325)



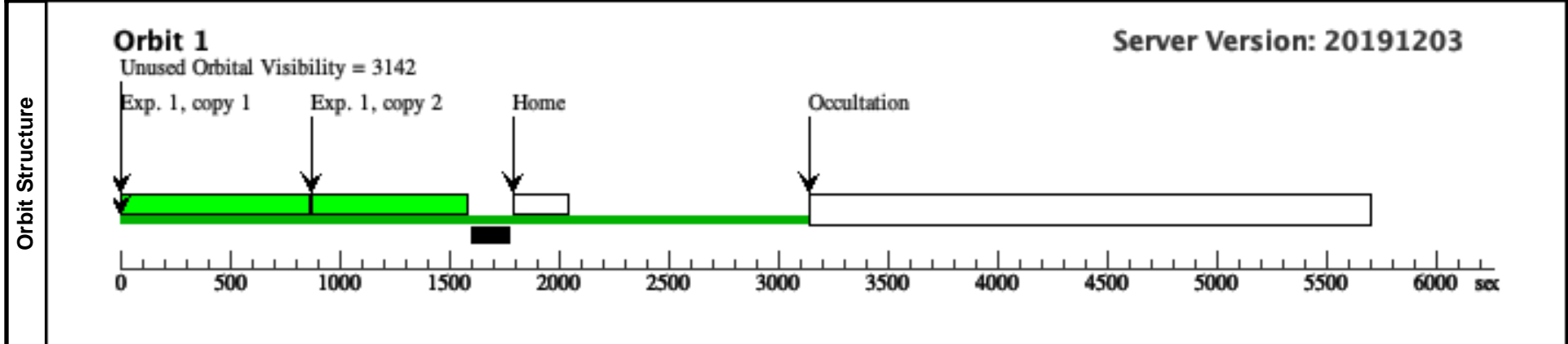
Proposal 15948 - Visit 32 - Make STIS Great Again!

Fri May 08 20:00:22 GMT 2020

Visit	Proposal 15948, Visit 32, implementation	
	Diagnostic Status: Error	
	Scientific Instruments: STIS/NUV-MAMA	
	Special Requirements: (none)	

Diagnostics	(Exposure 1 (Visit 32)) Error (Form): LAMP is not a valid selection
	(Exposure 1 (Visit 32)) Error (Form): Target NONE is no longer a valid selection
	(Exposure 1 (Visit 32)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP. The combination of attributes chosen is illegal.
	(Exposure 1 (Visit 32)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP=LINE. The combination of attributes chosen is illegal.
	(Exposure 1 (Visit 32)) Error (Form): This attribute is not allowed to have this value: Calibration_Target = NONE It is an Available option and cannot normally be used in a GO proposal.
	(Exposure 1 (Visit 32) special requirements) Error (Form): Qelogsheet may not be specified in Supported mode or PC Only mode.

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.sp.13 65731)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2363 A	LAMP=LINE	QELOGSHEET MI NWAVE 1913		700 Secs X 2 (1400 Secs)	
									[=>(Copy 1)]	[1]
									[=>(Copy 2)]	
<i>Comments: o6ij06faq : H-1913/2001-08-14/0.1X0.09/TEXP= 1X1164s / GCR= 1.527E+03 / bpix= 1.8 (457,486)</i> <i>o8gs24htq : H-1913/2002-07-12/0.1X0.09/TEXP= 1X 578s / GCR= 1.520E+03 / bpix= 1.5 (458,519)</i>										



Proposal 15948 - Visit 40 - Make STIS Great Again!

Fri May 08 20:00:22 GMT 2020

Visit	Proposal 15948, Visit 40, implementation Diagnostic Status: Error Scientific Instruments: STIS/NUV-MAMA Special Requirements: (none)																				
	(Exposure 1 (Visit 40)) Error (Form): LAMP is not a valid selection (Exposure 1 (Visit 40)) Error (Form): Target NONE is no longer a valid selection (Exposure 1 (Visit 40)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP. The combination of attributes chosen is illegal. (Exposure 1 (Visit 40)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP=LINE. The combination of attributes chosen is illegal. (Exposure 1 (Visit 40)) Error (Form): This attribute is not allowed to have this value: Calibration_Target = NONE It is an Available option and cannot normally be used in a GO proposal. (Exposure 1 (Visit 40) special requirements) Error (Form): Qelogsheet may not be specified in Supported mode or PC Only mode. (Visit 40) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU																				
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(STIS.sp.13 65733)</td> <td>NONE</td> <td>STIS/NUV-MAMA, ACCUM, 0.2X0.09</td> <td>E230H 2363 A</td> <td>LAMP=LINE</td> <td>QELOGSHEET MI NWAVE 2013</td> <td></td> <td>600 Secs X 2 (1200 Secs) [=>(Copy 1)] [=>(Copy 2)]</td> <td>[1]</td> </tr> </tbody> </table> <p><i>Comments: o8gs33zqx : H-2013/2002-07-25/0.1X0.09/TEXP= 1X 423s / GCR= 1.662E+03 / bpix= 1.3 (501,884)</i> <i>o8va06020 : H-2013/2004-03-18/0.1X0.09/TEXP= 2X 800s / GCR= 1.459E+03 / bpix= 1.2 (501,878)</i> <i>ob8806fwq : H-2013/2009-08-20/0.1X0.09/TEXP= 1X 500s / GCR= 1.403E+04 / bpix= 0.9 (502,878)</i></p>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(STIS.sp.13 65733)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2363 A	LAMP=LINE	QELOGSHEET MI NWAVE 2013		600 Secs X 2 (1200 Secs) [=>(Copy 1)] [=>(Copy 2)]	[1]
	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit											
1	(STIS.sp.13 65733)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2363 A	LAMP=LINE	QELOGSHEET MI NWAVE 2013		600 Secs X 2 (1200 Secs) [=>(Copy 1)] [=>(Copy 2)]	[1]												
Orbit Structure	<div style="text-align: right;">Server Version: 20191203</div> <p>Orbit 1 Unused Orbital Visibility = 3142</p> <p>The diagram shows a horizontal timeline from 0 to 6000 seconds. A green bar represents the total exposure time, starting at 0 and ending at approximately 3100 seconds. Within this green bar, two sub-periods are marked: 'Exp. 1, copy 1' from 0 to 1400 seconds and 'Exp. 1, copy 2' from 1400 to 1500 seconds. A black bar represents the 'Home' period, starting at 1500 seconds and ending at 1800 seconds. A white bar represents the 'Occultation' period, starting at 3100 seconds and ending at 5700 seconds. The x-axis is labeled 'sec' and has major tick marks every 500 units.</p>																				

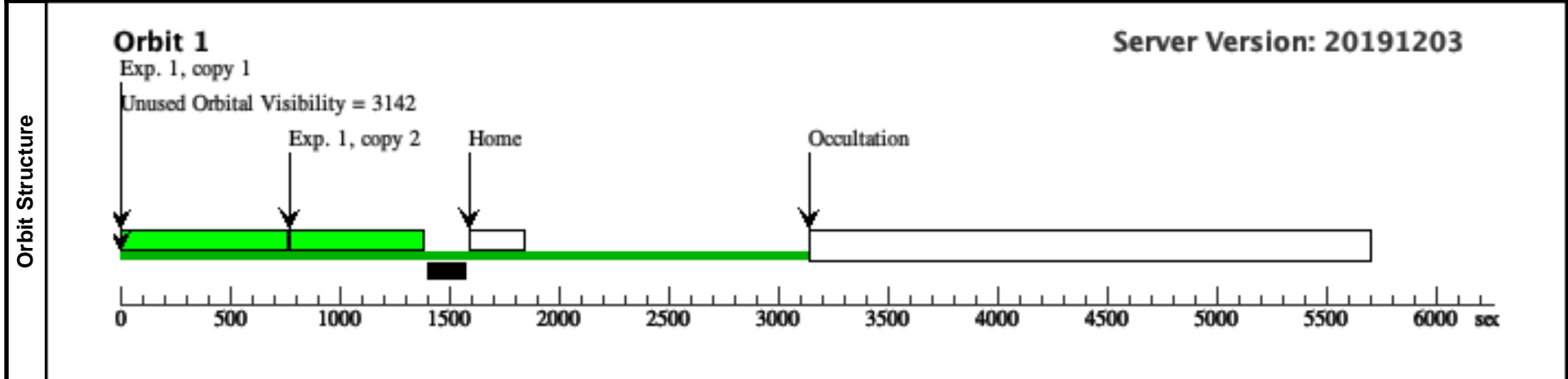
Proposal 15948 - Visit 41 - Make STIS Great Again!

Fri May 08 20:00:22 GMT 2020

Visit
Proposal 15948, Visit 41, implementation
Diagnostic Status: Error
 Scientific Instruments: STIS/NUV-MAMA
 Special Requirements: (none)

Diagnostics
 (Exposure 1 (Visit 41)) Error (Form): LAMP is not a valid selection
 (Exposure 1 (Visit 41)) Error (Form): Target NONE is no longer a valid selection
 (Exposure 1 (Visit 41)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP.
 The combination of attributes chosen is illegal.
 (Exposure 1 (Visit 41)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP=LINE.
 The combination of attributes chosen is illegal.
 (Exposure 1 (Visit 41)) Error (Form): This attribute is not allowed to have this value: Calibration_Target = NONE
 It is an Available option and cannot normally be used in a GO proposal.
 (Exposure 1 (Visit 41) special requirements) Error (Form): Qelogsheet may not be specified in Supported mode or PC Only mode.
 (Visit 41) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.sp.13 65739)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2363 A	LAMP=LINE	QELOGSHEET MI NWAVE 2762		600 Secs X 2 (1200 Secs)	
								[=>(Copy 1)]	[1]
								[=>(Copy 2)]	
<i>Comments: o69i06g4q : H-2762/2000-07-18/0.1X0.09/TEXP= 1X 456s / GCR= 2.594E+03 / bpix= 11.2 (307,829)</i> <i>o6ij05meq : H-2762/2001-08-15/0.1X0.09/TEXP= 1X 456s / GCR= 2.825E+03 / bpix= 10.2 (304,878)</i> <i>o8gs31i3q : H-2762/2002-07-24/0.1X0.09/TEXP= 1X 457s / GCR= 2.326E+03 / bpix= 9.6 (306,853)</i>									



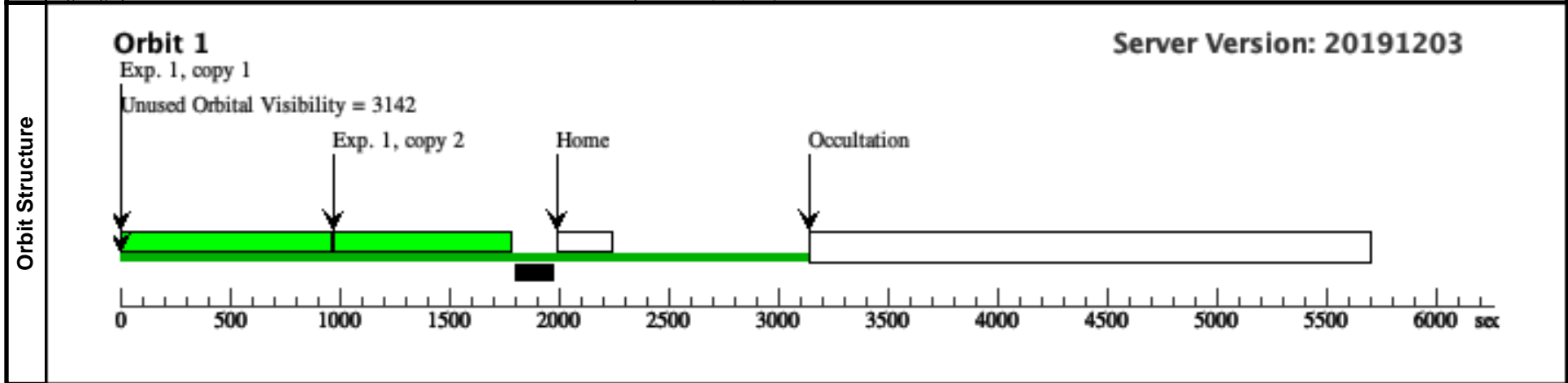
Proposal 15948 - Visit 42 - Make STIS Great Again!

Fri May 08 20:00:22 GMT 2020

Visit	Proposal 15948, Visit 42, implementation	
	Diagnostic Status: Error	
	Scientific Instruments: STIS/NUV-MAMA	
	Special Requirements: (none)	

Diagnostics	(Exposure 1 (Visit 42)) Error (Form): LAMP is not a valid selection
	(Exposure 1 (Visit 42)) Error (Form): Target NONE is no longer a valid selection
	(Exposure 1 (Visit 42)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP. The combination of attributes chosen is illegal.
	(Exposure 1 (Visit 42)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP=LINE. The combination of attributes chosen is illegal.
	(Exposure 1 (Visit 42)) Error (Form): This attribute is not allowed to have this value: Calibration_Target = NONE It is an Available option and cannot normally be used in a GO proposal.
	(Exposure 1 (Visit 42) special requirements) Error (Form): Qelogsheet may not be specified in Supported mode or PC Only mode.

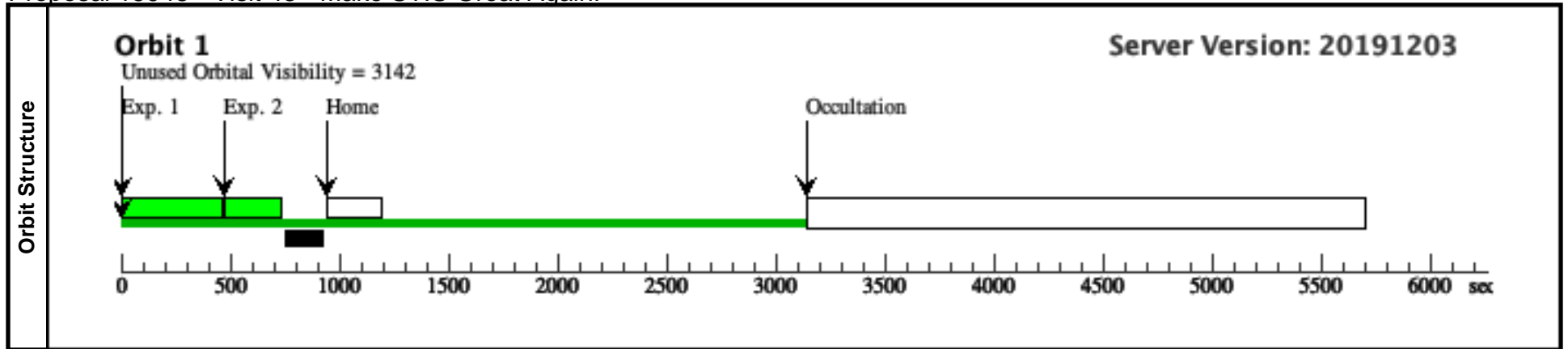
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.sp.13 65735)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2363 A	LAMP=LINE	QELOGSHEET MI NWAVE 2263		800 Secs X 2 (1600 Secs)	
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
<i>Comments: o4nr06lwq : H-2263/1998-02-18/0.1X0.09/TEXP= 1X 416s / GCR= 1.568E+03 / bpix= 3.0 (524,854)</i> <i>o5j256xfq : H-2263/2000-08-05/0.1X0.09/TEXP= 1X 416s / GCR= 1.775E+03 / bpix= 2.2 (532,874)</i> <i>o6ij03ntq : H-2263/2001-08-24/0.1X0.09/TEXP= 1X 416s / GCR= 1.888E+03 / bpix= 1.9 (516,820)</i> <i>o8gs34guq : H-2263/2002-07-26/0.1X0.09/TEXP= 1X 416s / GCR= 1.528E+03 / bpix= 1.5 (524,840)</i>										



Proposal 15948 - Visit 43 - Make STIS Great Again!

Fri May 08 20:00:22 GMT 2020

Visit	<p>Proposal 15948, Visit 43, implementation</p> <p>Diagnostic Status: Error</p> <p>Scientific Instruments: STIS/NUV-MAMA</p> <p>Special Requirements: (none)</p> <p><i>Comments: Requires sql to increase alignment time (see exp 2).</i></p>																																																											
Diagnostics	<p>(Exposure 1 (Visit 43)) Error (Form): LAMP is not a valid selection</p> <p>(Exposure 1 (Visit 43)) Error (Form): Target NONE is no longer a valid selection</p> <p>(Exposure 1 (Visit 43)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP.</p> <p>The combination of attributes chosen is illegal.</p> <p>(Exposure 1 (Visit 43)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP=LINE.</p> <p>The combination of attributes chosen is illegal.</p> <p>(Exposure 1 (Visit 43)) Error (Form): This attribute is not allowed to have this value: Calibration_Target = NONE</p> <p>It is an Available option and cannot normally be used in a GO proposal.</p> <p>(Exposure 1 (Visit 43) special requirements) Error (Form): Qelogsheet may not be specified in Supported mode or PC Only mode.</p> <p>(Exposure 1 (Visit 43) special requirements) Error (Form): Qesiparms may not be specified in Supported mode or PC Only mode.</p> <p>(Exposure 2 (Visit 43)) Error (Form): LAMP is not a valid selection</p> <p>(Exposure 2 (Visit 43)) Error (Form): Target NONE is no longer a valid selection</p> <p>(Exposure 2 (Visit 43)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP.</p> <p>The combination of attributes chosen is illegal.</p> <p>(Exposure 2 (Visit 43)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP=LINE.</p> <p>The combination of attributes chosen is illegal.</p> <p>(Exposure 2 (Visit 43)) Error (Form): This attribute is not allowed to have this value: Calibration_Target = NONE</p> <p>It is an Available option and cannot normally be used in a GO proposal.</p> <p>(Exposure 2 (Visit 43) special requirements) Error (Form): Qelogsheet may not be specified in Supported mode or PC Only mode.</p> <p>(Exposure 2 (Visit 43) special requirements) Error (Form): Qesiparms may not be specified in Supported mode or PC Only mode.</p>																																																											
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(STIS.sp.13 65741)</td> <td>NONE</td> <td>STIS/NUV-MAMA, ACCUM, 0.2X0.09</td> <td>E230H 2363 A</td> <td>LAMP=LINE</td> <td>QESIPARM MSMTI ME 90; QELOGSHEET MI NWAVE 2313</td> <td></td> <td>300 Secs (300 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td colspan="10"> <p><i>Comments: o8gs32trq : H-2313/2002-07-24/0.1X0.09/TEXP= 1X 457s / GCR= 1.529E+03 / bpix= 1.3 (546,1007)</i></p> <p><i>obl603xjq : H-2313/2010-11-17/0.1X0.09/TEXP= 1X1100s / GCR= 6.149E+03 / bpix= 1.1 (545,1007)</i></p> </td> </tr> <tr> <td>2</td> <td>(STIS.sp.13 65743)</td> <td>NONE</td> <td>STIS/NUV-MAMA, ACCUM, 0.2X0.09</td> <td>E230H 2363 A</td> <td>LAMP=LINE</td> <td>QESIPARM MSMTI ME 130; QELOGSHEET MI NWAVE 2563</td> <td></td> <td>250 Secs (250 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td colspan="10"> <p><i>Comments: o8gs23g4q : H-2563/2002-07-12/0.1X0.09/TEXP= 1X 662s / GCR= 1.777E+03 / bpix= 10.2 (229,145)</i></p> <p><i>obl603xmz : H-2563/2010-11-17/0.1X0.09/TEXP= 1X1150s / GCR= 6.906E+03 / bpix= 7.8 (230,143)</i></p> <p><i>Requires sql to add 131 secs to alignment time (130s from qesiparm, 1 sec for instruction)</i></p> </td> </tr> </tbody> </table>										#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(STIS.sp.13 65741)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2363 A	LAMP=LINE	QESIPARM MSMTI ME 90; QELOGSHEET MI NWAVE 2313		300 Secs (300 Secs) [==>]	[1]	<p><i>Comments: o8gs32trq : H-2313/2002-07-24/0.1X0.09/TEXP= 1X 457s / GCR= 1.529E+03 / bpix= 1.3 (546,1007)</i></p> <p><i>obl603xjq : H-2313/2010-11-17/0.1X0.09/TEXP= 1X1100s / GCR= 6.149E+03 / bpix= 1.1 (545,1007)</i></p>										2	(STIS.sp.13 65743)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2363 A	LAMP=LINE	QESIPARM MSMTI ME 130; QELOGSHEET MI NWAVE 2563		250 Secs (250 Secs) [==>]	[1]	<p><i>Comments: o8gs23g4q : H-2563/2002-07-12/0.1X0.09/TEXP= 1X 662s / GCR= 1.777E+03 / bpix= 10.2 (229,145)</i></p> <p><i>obl603xmz : H-2563/2010-11-17/0.1X0.09/TEXP= 1X1150s / GCR= 6.906E+03 / bpix= 7.8 (230,143)</i></p> <p><i>Requires sql to add 131 secs to alignment time (130s from qesiparm, 1 sec for instruction)</i></p>									
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																			
1	(STIS.sp.13 65741)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2363 A	LAMP=LINE	QESIPARM MSMTI ME 90; QELOGSHEET MI NWAVE 2313		300 Secs (300 Secs) [==>]	[1]																																																			
<p><i>Comments: o8gs32trq : H-2313/2002-07-24/0.1X0.09/TEXP= 1X 457s / GCR= 1.529E+03 / bpix= 1.3 (546,1007)</i></p> <p><i>obl603xjq : H-2313/2010-11-17/0.1X0.09/TEXP= 1X1100s / GCR= 6.149E+03 / bpix= 1.1 (545,1007)</i></p>																																																												
2	(STIS.sp.13 65743)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2363 A	LAMP=LINE	QESIPARM MSMTI ME 130; QELOGSHEET MI NWAVE 2563		250 Secs (250 Secs) [==>]	[1]																																																			
<p><i>Comments: o8gs23g4q : H-2563/2002-07-12/0.1X0.09/TEXP= 1X 662s / GCR= 1.777E+03 / bpix= 10.2 (229,145)</i></p> <p><i>obl603xmz : H-2563/2010-11-17/0.1X0.09/TEXP= 1X1150s / GCR= 6.906E+03 / bpix= 7.8 (230,143)</i></p> <p><i>Requires sql to add 131 secs to alignment time (130s from qesiparm, 1 sec for instruction)</i></p>																																																												



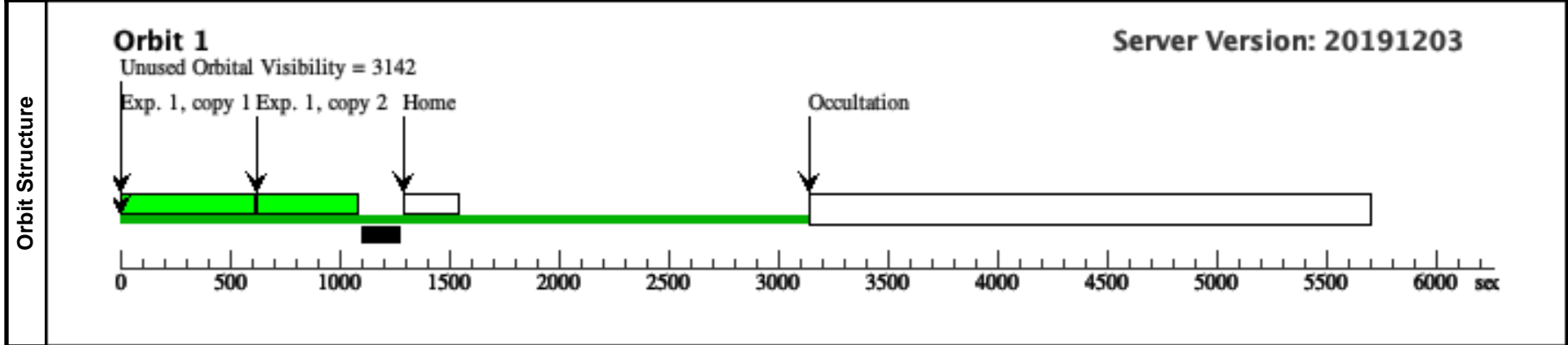
Proposal 15948 - Visit 44 - Make STIS Great Again!

Fri May 08 20:00:22 GMT 2020

Visit	Proposal 15948, Visit 44
	Diagnostic Status: Error
	Scientific Instruments: STIS/NUV-MAMA Special Requirements: (none)

Diagnostics	(Exposure 1 (Visit 44)) Error (Form): LAMP is not a valid selection
	(Exposure 1 (Visit 44)) Error (Form): Target NONE is no longer a valid selection
	(Exposure 1 (Visit 44)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP. The combination of attributes chosen is illegal.
	(Exposure 1 (Visit 44)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP=LINE. The combination of attributes chosen is illegal.
	(Exposure 1 (Visit 44)) Error (Form): This attribute is not allowed to have this value: Calibration_Target = NONE It is an Available option and cannot normally be used in a GO proposal.
	(Exposure 1 (Visit 44) special requirements) Error (Form): Qelogsheet may not be specified in Supported mode or PC Only mode.

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.sp.13 65742)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2363 A	LAMP=LINE	QELOGSHEET MI NWAVE 2513			450 Secs X 2 (900 Secs) [=>(Copy 1)] [=>(Copy 2)]
<i>Comments: o8gs17sfq : H-2513/2002-06-16/0.1X0.09/TEXP= 1X 872s / GCR= 1.679E+03 / bpix= 3.7 (651,105)</i> <i>oa8904bgq : H-2513/2009-08-13/0.1X0.09/TEXP= 1X 872s / GCR= 1.004E+04 / bpix= 3.3 (265,3)</i>										



Proposal 15948 - Visit 50 - Make STIS Great Again!

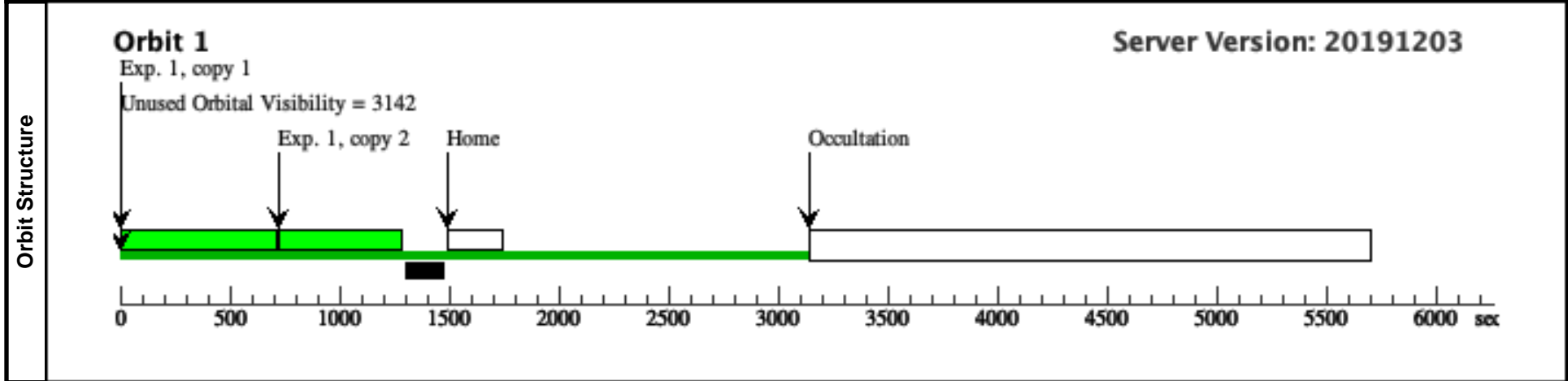
Fri May 08 20:00:22 GMT 2020

Visit
Proposal 15948, Visit 50, implementation
Diagnostic Status: Error
 Scientific Instruments: STIS/NUV-MAMA
 Special Requirements: (none)

Diagnostics
 (Exposure 1 (Visit 50)) Error (Form): LAMP is not a valid selection
 (Exposure 1 (Visit 50)) Error (Form): Target NONE is no longer a valid selection
 (Exposure 1 (Visit 50)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP.
 The combination of attributes chosen is illegal.
 (Exposure 1 (Visit 50)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP=LINE.
 The combination of attributes chosen is illegal.
 (Exposure 1 (Visit 50)) Error (Form): This attribute is not allowed to have this value: Calibration_Target = NONE
 It is an Available option and cannot normally be used in a GO proposal.
 (Exposure 1 (Visit 50) special requirements) Error (Form): Qelogsheet may not be specified in Supported mode or PC Only mode.

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.sp.13 65744)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2363 A	LAMP=LINE	QELOGSHEET MI NWAVE 2663		550 Secs X 2 (1100 Secs) [=>(Copy 1)] [=>(Copy 2)]	[1]

*Comments: o6ij12hlq : H-2663/2001-08-11/0.1X0.09/TEXP= 1X 743s / GCR= 2.848E+03 / bpix= 10.9 (261,529)
 o8gs21h0q : H-2663/2002-07-12/0.1X0.09/TEXP= 1X 564s / GCR= 2.159E+03 / bpix= 9.6 (264,499)*



Proposal 15948 - Visit 51 - Make STIS Great Again!

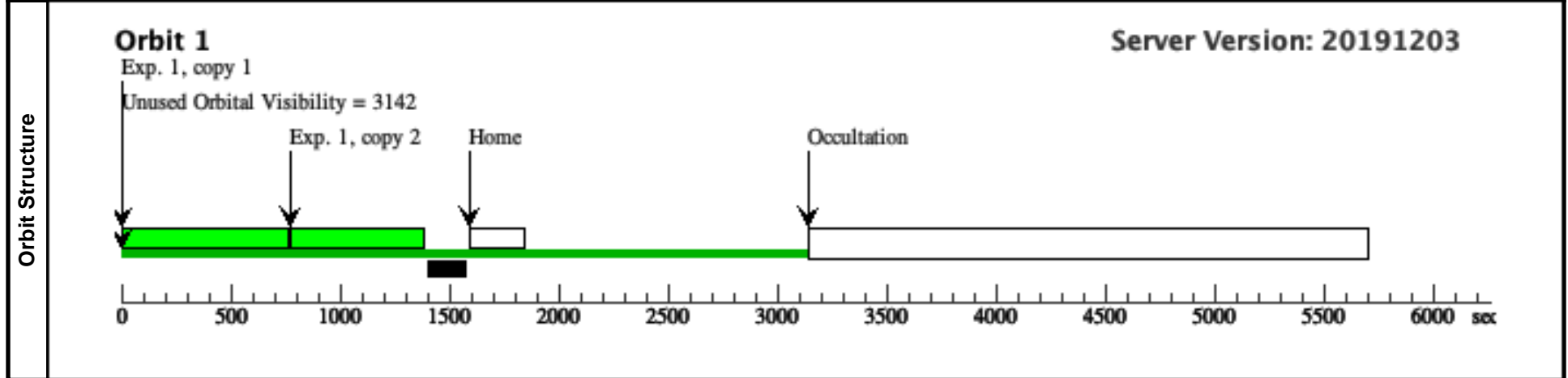
Fri May 08 20:00:22 GMT 2020

Visit
Proposal 15948, Visit 51, implementation
Diagnostic Status: Error
 Scientific Instruments: STIS/NUV-MAMA
 Special Requirements: (none)

Diagnostics
 (Exposure 1 (Visit 51)) Error (Form): LAMP is not a valid selection
 (Exposure 1 (Visit 51)) Error (Form): Target NONE is no longer a valid selection
 (Exposure 1 (Visit 51)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP.
 The combination of attributes chosen is illegal.
 (Exposure 1 (Visit 51)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP=LINE.
 The combination of attributes chosen is illegal.
 (Exposure 1 (Visit 51)) Error (Form): This attribute is not allowed to have this value: Calibration_Target = NONE
 It is an Available option and cannot normally be used in a GO proposal.
 (Exposure 1 (Visit 51) special requirements) Error (Form): Qelogsheet may not be specified in Supported mode or PC Only mode.
 (Visit 51) Warning (Orbit Planner): MAXIMUM DURATION EXCEEDED FOR INTERNAL OR EARTH CALIB SU

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.sp.13 65746)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2363 A	LAMP=LINE	QELOGSHEET MI NWAVE 3012		600 Secs X 2 (1200 Secs) [=>(Copy 1)] [=>(Copy 2)]	[1]

Comments: o8va05010 : H-3012/2004-04-12/0.1X0.09/TEXP= 4X 900s / GCR= 1.966E+03 / bpix= 6.1 (577,341)



Proposal 15948 - Visit 60 - Make STIS Great Again!

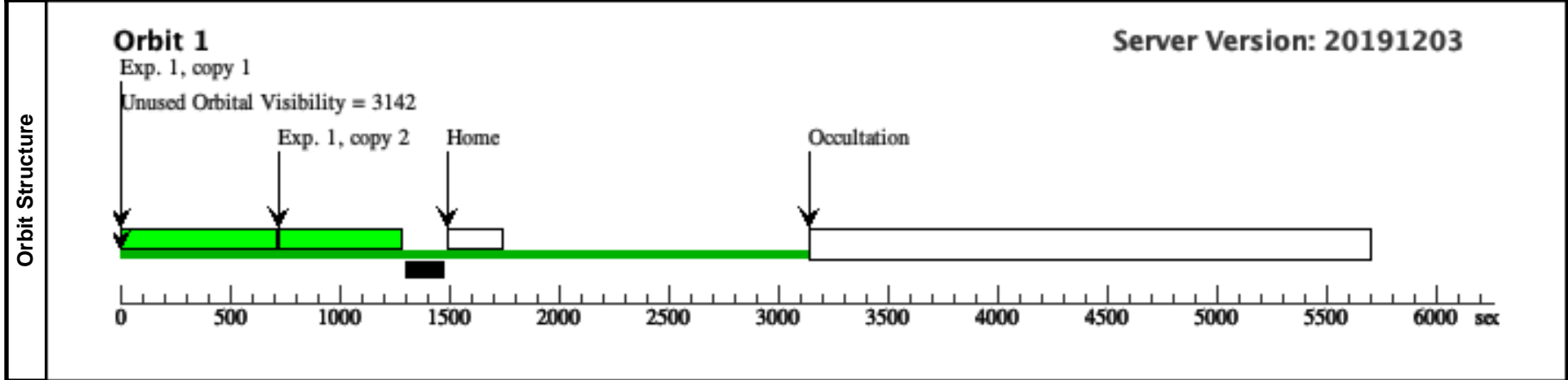
Fri May 08 20:00:22 GMT 2020

Visit
Proposal 15948, Visit 60, implementation
Diagnostic Status: Error
 Scientific Instruments: STIS/NUV-MAMA
 Special Requirements: (none)

Diagnostics
 (Exposure 1 (Visit 60)) Error (Form): LAMP is not a valid selection
 (Exposure 1 (Visit 60)) Error (Form): Target NONE is no longer a valid selection
 (Exposure 1 (Visit 60)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP.
 The combination of attributes chosen is illegal.
 (Exposure 1 (Visit 60)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP=LINE.
 The combination of attributes chosen is illegal.
 (Exposure 1 (Visit 60)) Error (Form): This attribute is not allowed to have this value: Calibration_Target = NONE
 It is an Available option and cannot normally be used in a GO proposal.
 (Exposure 1 (Visit 60) special requirements) Error (Form): Qelogsheet may not be specified in Supported mode or PC Only mode.

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.sp.13 65747)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2363 A	LAMP=LINE	QELOGSHEET MI NWAVE 2363		550 Secs X 2 (1100 Secs)	
								[==>(Copy 1)]	[1]
								[==>(Copy 2)]	

*Comments: o67w03j8q : H-2363/2000-05-24/0.1X0.09/TEXP= 1X 381s / GCR= 1.574E+03 / bpix= 3.6 (156,47)
 o67w03jgq : H-2363/2000-05-24/0.2X0.09/TEXP= 1X 229s / GCR= 1.857E+03 / bpix= 3.0 (166,49)
 o8gs18t6q : H-2363/2002-06-16/0.1X0.09/TEXP= 1X 344s / GCR= 1.658E+03 / bpix= 2.5 (150,26)*



Proposal 15948 - Visit 61 - Make STIS Great Again!

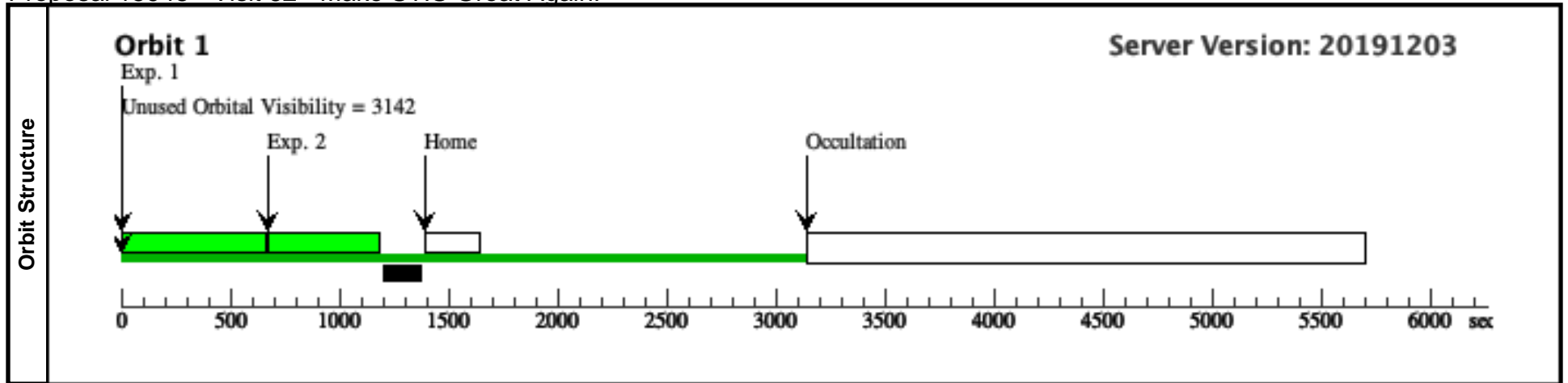
Fri May 08 20:00:22 GMT 2020

Visit	Proposal 15948, Visit 61, implementation Diagnostic Status: Error Scientific Instruments: STIS/NUV-MAMA Special Requirements: (none)																																																	
Diagnostics	(Exposure 1 (Visit 61)) Error (Form): LAMP is not a valid selection (Exposure 1 (Visit 61)) Error (Form): Target NONE is no longer a valid selection (Exposure 1 (Visit 61)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP. The combination of attributes chosen is illegal. (Exposure 1 (Visit 61)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP=LINE. The combination of attributes chosen is illegal. (Exposure 1 (Visit 61)) Error (Form): This attribute is not allowed to have this value: Calibration_Target = NONE It is an Available option and cannot normally be used in a GO proposal. (Exposure 1 (Visit 61) special requirements) Error (Form): Qelogsheet may not be specified in Supported mode or PC Only mode.																																																	
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(STIS.sp.13 65749)</td> <td>NONE</td> <td>STIS/NUV-MAMA, ACCUM, 0.2X0.09</td> <td>E230H 2363 A</td> <td>LAMP=LINE</td> <td>QELOGSHEET MI NWAVE 2413</td> <td></td> <td>550 Secs X 2 (1100 Secs)</td> <td></td> </tr> <tr> <td colspan="8"></td> <td>[==>(Copy 1)]</td> <td>[1]</td> </tr> <tr> <td colspan="8"></td> <td>[==>(Copy 2)]</td> <td></td> </tr> </tbody> </table> <p><i>Comments: o6ij07jdq : H-2413/2001-08-14/0.1X0.09/TEXP= 1X 457s / GCR= 2.396E+03 / bpix= 3.6 (144,206) o8gs16daq : H-2413/2002-07-02/0.1X0.09/TEXP= 1X 873s / GCR= 1.331E+03 / bpix= 3.1 (157,213)</i></p>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(STIS.sp.13 65749)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2363 A	LAMP=LINE	QELOGSHEET MI NWAVE 2413		550 Secs X 2 (1100 Secs)										[==>(Copy 1)]	[1]									[==>(Copy 2)]										
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																									
1	(STIS.sp.13 65749)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2363 A	LAMP=LINE	QELOGSHEET MI NWAVE 2413		550 Secs X 2 (1100 Secs)																																										
								[==>(Copy 1)]	[1]																																									
								[==>(Copy 2)]																																										
Orbit Structure	<div style="display: flex; justify-content: space-between;"> <div> <p>Orbit 1 Unused Orbital Visibility = 3142</p> </div> <div> <p>Server Version: 20191203</p> </div> </div>																																																	

Proposal 15948 - Visit 62 - Make STIS Great Again!

Fri May 08 20:00:22 GMT 2020

Visit	<p>Proposal 15948, Visit 62, implementation</p> <p>Diagnostic Status: Error</p> <p>Scientific Instruments: STIS/NUV-MAMA</p> <p>Special Requirements: (none)</p> <p><i>Comments: Requires sql to increase alignment time (see exp 2).</i></p>																																																											
Diagnostics	<p>(Exposure 1 (Visit 62)) Error (Form): LAMP is not a valid selection</p> <p>(Exposure 1 (Visit 62)) Error (Form): Target NONE is no longer a valid selection</p> <p>(Exposure 1 (Visit 62)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP.</p> <p>The combination of attributes chosen is illegal.</p> <p>(Exposure 1 (Visit 62)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP=LINE.</p> <p>The combination of attributes chosen is illegal.</p> <p>(Exposure 1 (Visit 62)) Error (Form): This attribute is not allowed to have this value: Calibration_Target = NONE</p> <p>It is an Available option and cannot normally be used in a GO proposal.</p> <p>(Exposure 1 (Visit 62) special requirements) Error (Form): Qelogsheet may not be specified in Supported mode or PC Only mode.</p> <p>(Exposure 1 (Visit 62) special requirements) Error (Form): Qesiparms may not be specified in Supported mode or PC Only mode.</p> <p>(Exposure 2 (Visit 62)) Error (Form): LAMP is not a valid selection</p> <p>(Exposure 2 (Visit 62)) Error (Form): Target NONE is no longer a valid selection</p> <p>(Exposure 2 (Visit 62)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP.</p> <p>The combination of attributes chosen is illegal.</p> <p>(Exposure 2 (Visit 62)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP=LINE.</p> <p>The combination of attributes chosen is illegal.</p> <p>(Exposure 2 (Visit 62)) Error (Form): This attribute is not allowed to have this value: Calibration_Target = NONE</p> <p>It is an Available option and cannot normally be used in a GO proposal.</p> <p>(Exposure 2 (Visit 62) special requirements) Error (Form): Qelogsheet may not be specified in Supported mode or PC Only mode.</p> <p>(Exposure 2 (Visit 62) special requirements) Error (Form): Qesiparms may not be specified in Supported mode or PC Only mode.</p>																																																											
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(STIS.sp.13 65751)</td> <td>NONE</td> <td>STIS/NUV-MAMA, ACCUM, 0.2X0.09</td> <td>E230H 2363 A</td> <td>LAMP=LINE</td> <td>QESIPARM MSMTI ME 90; QELOGSHEET MI NWAVE 2463</td> <td></td> <td>500 Secs (500 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td colspan="10"> <p><i>Comments: o8gs15pnq : H-2463/2002-07-16/0.1X0.09/TEXP= 1X 512s / GCR= 1.489E+03 / bpix= 3.2 (180,415)</i></p> <p><i>o8gs15poq : H-2463/2002-07-16/0.1X0.09/TEXP= 1X 512s / GCR= 1.506E+03 / bpix= 3.2 (180,415)</i></p> <p><i>obl603xkq : H-2463/2010-11-17/0.1X0.09/TEXP= 1X1000s / GCR= 6.403E+03 / bpix= 2.6 (181,415)</i></p> </td> </tr> <tr> <td>2</td> <td>(STIS.sp.13 65754)</td> <td>NONE</td> <td>STIS/NUV-MAMA, ACCUM, 0.2X0.09</td> <td>E230H 2363 A</td> <td>LAMP=LINE</td> <td>QESIPARM MSMTI ME 130; QELOGSHEET MI NWAVE 2812</td> <td></td> <td>500 Secs (500 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td colspan="10"> <p><i>Comments: o8gs30uqg : H-2812/2002-07-14/0.1X0.09/TEXP= 1X 490s / GCR= 2.029E+03 / bpix= 5.6 (695,417)</i></p> <p><i>obl603xsq : H-2812/2010-11-17/0.1X0.09/TEXP= 1X1000s / GCR= 7.638E+03 / bpix= 3.9 (695,412)</i></p> <p><i>Requires sql to add 131 secs to alignment time (130s from qesiparm, 1 sec for instruction)</i></p> </td> </tr> </tbody> </table>										#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(STIS.sp.13 65751)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2363 A	LAMP=LINE	QESIPARM MSMTI ME 90; QELOGSHEET MI NWAVE 2463		500 Secs (500 Secs) [==>]	[1]	<p><i>Comments: o8gs15pnq : H-2463/2002-07-16/0.1X0.09/TEXP= 1X 512s / GCR= 1.489E+03 / bpix= 3.2 (180,415)</i></p> <p><i>o8gs15poq : H-2463/2002-07-16/0.1X0.09/TEXP= 1X 512s / GCR= 1.506E+03 / bpix= 3.2 (180,415)</i></p> <p><i>obl603xkq : H-2463/2010-11-17/0.1X0.09/TEXP= 1X1000s / GCR= 6.403E+03 / bpix= 2.6 (181,415)</i></p>										2	(STIS.sp.13 65754)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2363 A	LAMP=LINE	QESIPARM MSMTI ME 130; QELOGSHEET MI NWAVE 2812		500 Secs (500 Secs) [==>]	[1]	<p><i>Comments: o8gs30uqg : H-2812/2002-07-14/0.1X0.09/TEXP= 1X 490s / GCR= 2.029E+03 / bpix= 5.6 (695,417)</i></p> <p><i>obl603xsq : H-2812/2010-11-17/0.1X0.09/TEXP= 1X1000s / GCR= 7.638E+03 / bpix= 3.9 (695,412)</i></p> <p><i>Requires sql to add 131 secs to alignment time (130s from qesiparm, 1 sec for instruction)</i></p>									
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1	(STIS.sp.13 65751)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2363 A	LAMP=LINE	QESIPARM MSMTI ME 90; QELOGSHEET MI NWAVE 2463		500 Secs (500 Secs) [==>]	[1]																																																			
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<p><i>Comments: o8gs30uqg : H-2812/2002-07-14/0.1X0.09/TEXP= 1X 490s / GCR= 2.029E+03 / bpix= 5.6 (695,417)</i></p> <p><i>obl603xsq : H-2812/2010-11-17/0.1X0.09/TEXP= 1X1000s / GCR= 7.638E+03 / bpix= 3.9 (695,412)</i></p> <p><i>Requires sql to add 131 secs to alignment time (130s from qesiparm, 1 sec for instruction)</i></p>																																																												



Proposal 15948 - Visit 63 - Make STIS Great Again!

Fri May 08 20:00:22 GMT 2020

Visit	<p>Proposal 15948, Visit 63, implementation</p> <p>Diagnostic Status: Error</p> <p>Scientific Instruments: STIS/NUV-MAMA</p> <p>Special Requirements: (none)</p>
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Diagnostics	<p>(Exposure 1 (Visit 63)) Error (Form): LAMP is not a valid selection</p> <p>(Exposure 1 (Visit 63)) Error (Form): Target NONE is no longer a valid selection</p> <p>(Exposure 1 (Visit 63)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP. The combination of attributes chosen is illegal.</p> <p>(Exposure 1 (Visit 63)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LAMP=LINE. The combination of attributes chosen is illegal.</p> <p>(Exposure 1 (Visit 63)) Error (Form): This attribute is not allowed to have this value: Calibration_Target = NONE It is an Available option and cannot normally be used in a GO proposal.</p> <p>(Exposure 1 (Visit 63) special requirements) Error (Form): Qelogsheet may not be specified in Supported mode or PC Only mode.</p>
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Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.sp.13 65756)	NONE	STIS/NUV-MAMA, ACCUM, 0.2X0.09	E230H 2363 A	LAMP=LINE	QELOGSHEET MI NWAVE 2862		550 Secs X 2 (1100 Secs)	
									[==>(Copy 1)]	[1]
									[==>(Copy 2)]	
<p><i>Comments: o6ij11fmq : H-2862/2001-08-06/0.1X0.09/TEXP= 1X 732s / GCR= 2.671E+03 / bpix= 5.4 (712,646)</i></p> <p><i>o8gs29piq : H-2862/2002-07-13/0.1X0.09/TEXP= 1X 476s / GCR= 2.204E+03 / bpix= 4.9 (715,623)</i></p>										

