



# 15244 - A challenge to dSph formation models: are the most isolated Local Group dSph galaxies truly old?

Cycle: 25, Proposal Category: GO

(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) VV124	ACS/WFC WFC3/UVIS	2	22-Jan-2019 14:00:25.0	yes
02	(1) VV124	ACS/WFC WFC3/UVIS	2	22-Jan-2019 14:00:26.0	yes
51	(1) VV124	ACS/WFC WFC3/UVIS	2	22-Jan-2019 14:00:28.0	yes
03	(1) VV124	ACS/WFC WFC3/UVIS	2	22-Jan-2019 14:00:29.0	yes
04	(1) VV124	ACS/WFC WFC3/UVIS	2	22-Jan-2019 14:00:30.0	yes
05	(1) VV124	ACS/WFC WFC3/UVIS	2	22-Jan-2019 14:00:31.0	yes
06	(1) VV124	ACS/WFC WFC3/UVIS	2	22-Jan-2019 14:00:32.0	yes
07	(1) VV124	ACS/WFC WFC3/UVIS	2	22-Jan-2019 14:00:33.0	yes
08	(1) VV124	ACS/WFC WFC3/UVIS	2	22-Jan-2019 14:00:34.0	yes
09	(2) KKR25	ACS/WFC WFC3/UVIS	2	22-Jan-2019 14:00:35.0	yes
10	(2) KKR25	ACS/WFC WFC3/UVIS	2	22-Jan-2019 14:00:36.0	yes
11	(2) KKR25	ACS/WFC WFC3/UVIS	2	22-Jan-2019 14:00:37.0	yes
12	(2) KKR25	ACS/WFC WFC3/UVIS	2	22-Jan-2019 14:00:38.0	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>
13	(2) KKR25	ACS/WFC WFC3/UVIS	2	22-Jan-2019 14:00:39.0	yes
14	(2) KKR25	ACS/WFC WFC3/UVIS	2	22-Jan-2019 14:00:40.0	yes
15	(2) KKR25	ACS/WFC WFC3/UVIS	2	22-Jan-2019 14:00:42.0	yes
16	(2) KKR25	ACS/WFC WFC3/UVIS	2	22-Jan-2019 14:00:43.0	yes

34 Total Orbits Used

## **ABSTRACT**

What is the origin of the different dwarf galaxy types? The classification into dwarf irregular (dIrr), spheroidal (dSph), and transition (dT) types is based on their present-day properties. However, star formation histories (SFHs) reconstructed from deep color-magnitude diagrams (CMDs) provide details on the early evolution of galaxies of all these types, and indicate only two basic evolutionary paths. One is characterized by a vigorous but brief initial star-forming event, and little or no star formation thereafter (fast evolution), and the other one by roughly continuous star formation until (nearly) the present time (slow evolution). These two paths do not map directly onto the dIrr, dT and dSph types. Thus, the present galaxy properties do not reflect their lifetime evolution. Since there are some indications that slow dwarfs were assembled in lower-density environments than fast dwarfs, Gallart et al (2015) proposed that the distinction between fast and slow dwarfs reflects the characteristic density of the environment where they formed. This scenario, and more generally scenarios where dSph galaxies formed through the interaction with a massive galaxy, are challenged by a small sample of extremely isolated dSph/dT in the outer fringes of the Local Group. This proposal targets two of these objects (VV124, KKR25) for which we will infer their SFH -- through a novel technique that combines the information from their RR Lyrae stars and deep CMDs sampling the intermediate-age population -- in order to test these scenarios. This is much less demanding on observing time than classical SFH derivation using full depth CMDs.

## **OBSERVING DESCRIPTION**

This proposal targets two galaxies at the fringes of the Local Group, VV124 and KKR25 (16 orbits each). The main scientific objective is the detection and characterization of RR Lyrae variable stars. These are stars pulsating with period from 0.2 to 1 day.

We will adopt identical approach for both galaxies, based on successful observations in previous cycles.

- 1) The central region of both galaxies will be observed with the ACS in the F475W and F814W pass-bands. Coordinated parallel exposures with WFC3 are requested in the same filters to sample the outskirts of the target galaxies;
- 2) for each galaxy we require 8 visits of 2 orbits each;
- 3) we will observe one F475W and one F814W image per orbit, both with the ACS and the WFC3. The order of the filter is reversed in the second orbit of each visit, to allow larger time baseline between the shorter wavelength images, as the amplitude is larger in F475W than in F814W;
- 4) the total time baseline of the observation of each galaxy should not exceed few days (6 days). It has to be larger than the typical period of RR Lyrae stars, but given the relatively low number of phase points (16), periods are much better estimated if the total time coverage of the observations is short;
- 5) The images in the same visit are kept with the same POS TARG in order to have at least two images in the same position, which is supposed to help in the CR removal. Small ditherings are performed between visits in order to remove hot pixels and to smooth the detector response. We don't intend to cover the interchip gap. Ditherings are performed using POS-TARG, and following the basic UDF dither pattern, shifting the pointings by  $\sim 2$  pix.
- 6) The first visit to each object is requested within a given range of orientations. Subsequent visits to each object are requested to be obtained with the same ORIENT as the first visit, to maximize the sky area covered at full depth both in the prime and the parallel fields;
- 7) the exact pointing and ORIENT angle have been chosen according to the following criteria:
  - VV124: the WFC3 coordinated field sample the outmost region of the stellar disk of VV124. This implies a relatively small range of angles of 22 degrees of both sides of the disk;
  - KKr25: three bright stars are located near the main body of this galaxy. One of them ( $V=11.4$  mag) is located within the gap, for any ORIENT angle. The selected possible range of ORIENT angles are such that a second nearby star ( $V=10.4$  mag) does not enter for ACS field of view.

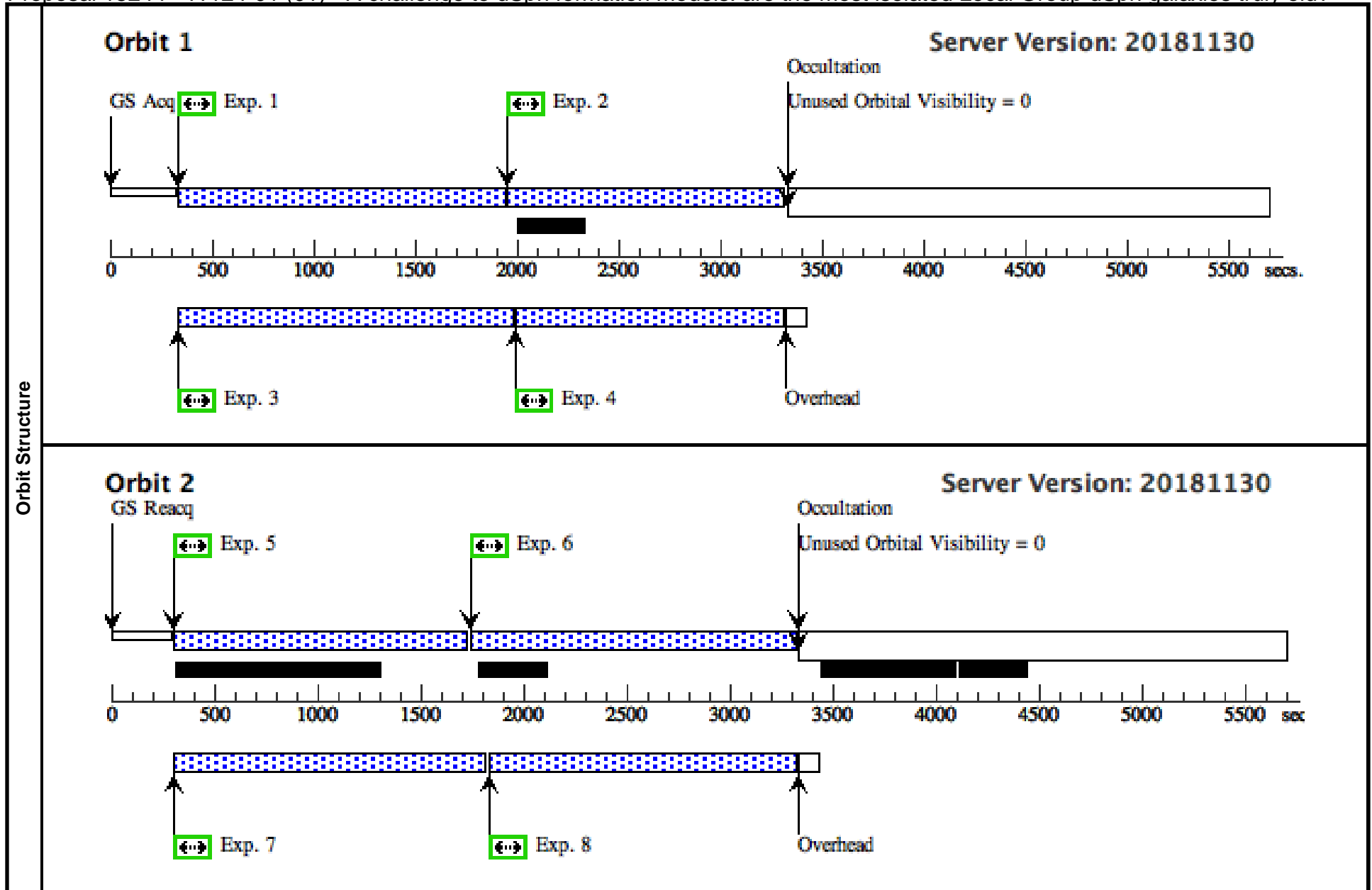
Proposal 15244 - vv124-01 (01) - A challenge to dSph formation models: are the most isolated Local Group dSph galaxies truly old?

Tue Jan 22 19:00:44 GMT 2019

<b>Visit</b>	<p><b>Proposal 15244, vv124-01 (01), failed</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFC3/UVIS, ACS/WFC</p> <p>Special Requirements: ORIENT 215D TO 237 D; ORIENT 30D TO 52 D; SEQ 01,02,03,04,05,06,07,08 WITHIN 6 D</p> <p><i>Comments: This is the first visit to VV 124. We request a range in orientations in this first visit with the same orientation requested in subsequent visits to this target. This requirement will ensure that the parallel WFC3 fields of view will match exactly across all visits to this target.</i></p> <p><i>We have requested timing constraints such that (1) all visits to VV124 be executed sequentially sometime after 4 hours but within 3 days of the previous visit, and (2) all visits to VV124 should be executed within 6 days. In addition, we also request that visits separated by 8 orbits or multiples of 8 orbits be avoided. SAA impacted orbits are to be avoided. These timing constraints provide optimal sampling of RR Lyrae light curves. This strategy requires manual scheduling of the program but proved successful in our previous program (PID=13028, 13739).</i></p>
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<b>Fixed Targets</b>	<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>(1)</td> <td>VV124</td> <td>RA: 09 16 0.0000 (139.0000000d) Dec: +52 50 24.00 (52.84000d) Equinox: J2000</td> <td></td> <td>V=26</td> <td>Reference Frame: SIMBAD</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, DWARF SPHEROIDAL]</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	VV124	RA: 09 16 0.0000 (139.0000000d) Dec: +52 50 24.00 (52.84000d) Equinox: J2000		V=26	Reference Frame: SIMBAD
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(1)	VV124	RA: 09 16 0.0000 (139.0000000d) Dec: +52 50 24.00 (52.84000d) Equinox: J2000		V=26	Reference Frame: SIMBAD								

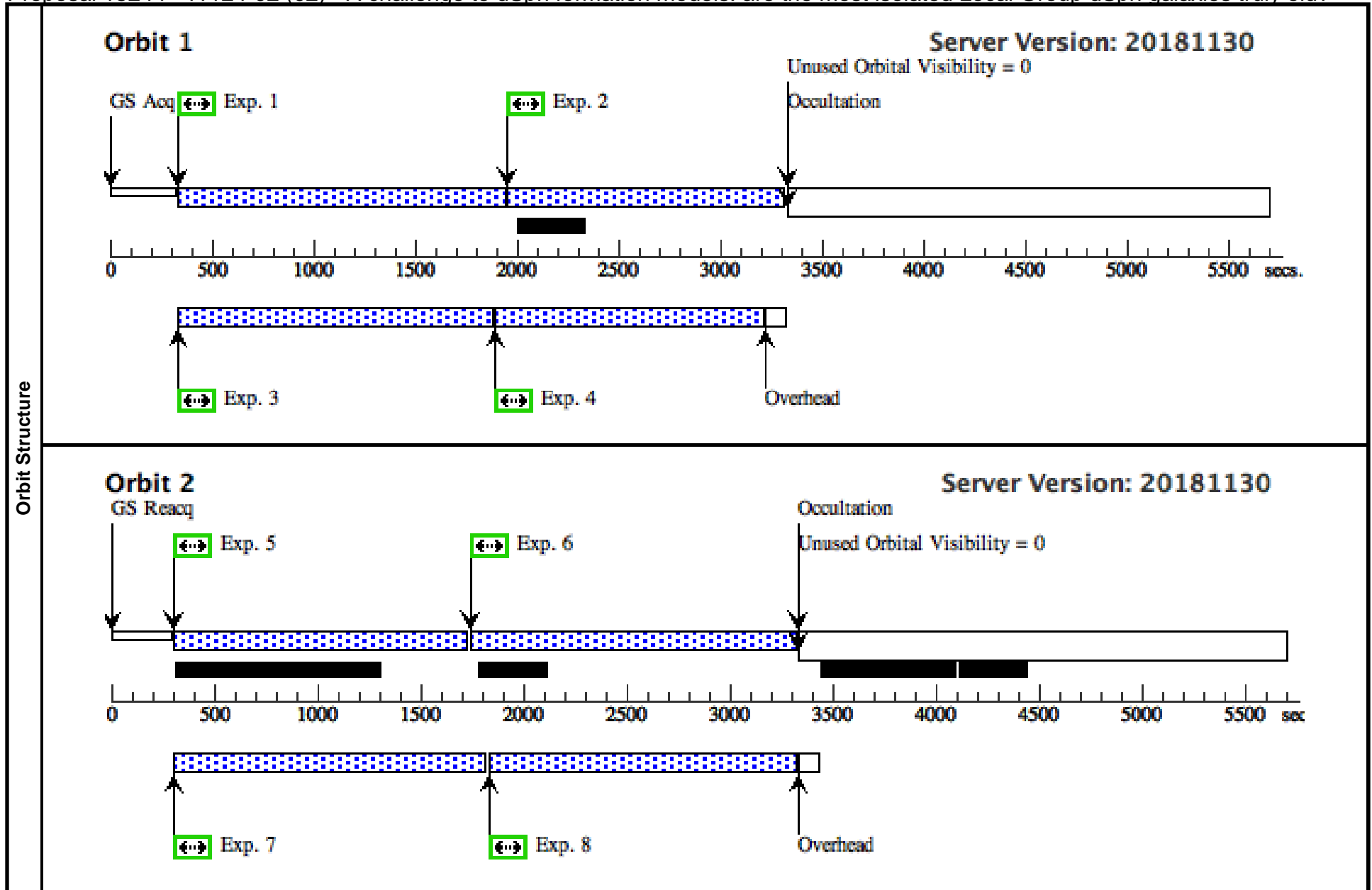
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F475W			GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-4 in vv124-01 (01)	1403 Secs (1403 Secs) [==>]	[1]
	2	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F814W				Prime + Parallel Group 1-4 in vv124-01 (01)	1200 Secs (1200 Secs) [==>]	[1]
	3	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W				Prime + Parallel Group 1-4 in vv124-01 (01)	1500 Secs (1500 Secs) [==>]	[1]
	4	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				Prime + Parallel Group 1-4 in vv124-01 (01)	1300 Secs (1300 Secs) [==>]	[1]
	5	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F814W				Prime + Parallel Group 5-8 in vv124-01 (01)	1300 Secs (1300 Secs) [==>]	[2]
	6	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F475W				Prime + Parallel Group 5-8 in vv124-01 (01)	1415 Secs (1415 Secs) [==>]	[2]
	7	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				Prime + Parallel Group 5-8 in vv124-01 (01)	1400 Secs (1400 Secs) [==>]	[2]
	8	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W				Prime + Parallel Group 5-8 in vv124-01 (01)	1465 Secs (1465 Secs) [==>]	[2]



Proposal 15244 - vv124-02 (02) - A challenge to dSph formation models: are the most isolated Local Group dSph galaxies truly old?

Tue Jan 22 19:00:44 GMT 2019

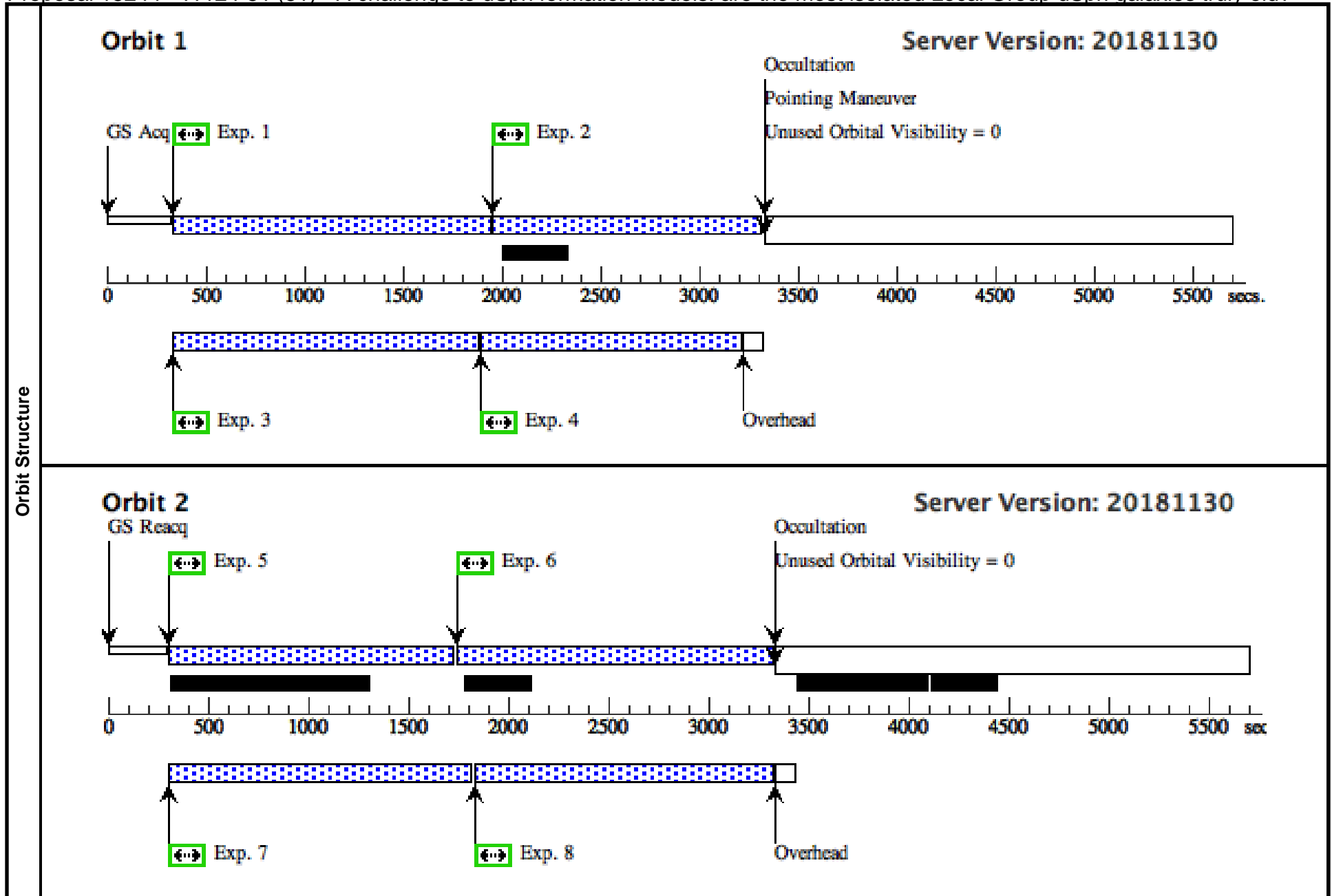
Visit	<b>Proposal 15244, vv124-02 (02), failed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 01; AFTER 01 BY 4 H TO 3 D																		
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>VV124</td> <td>RA: 09 16 0.0000 (139.0000000d) Dec: +52 50 24.00 (52.84000d) Equinox: J2000</td> <td></td> <td>V=26</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=GALAXY</i>  <i>Description=[DISK, DWARF SPHEROIDAL]</i> </td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	VV124	RA: 09 16 0.0000 (139.0000000d) Dec: +52 50 24.00 (52.84000d) Equinox: J2000		V=26	Reference Frame: SIMBAD	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>Category=GALAXY</i> <i>Description=[DISK, DWARF SPHEROIDAL]</i>				
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(1)	VV124	RA: 09 16 0.0000 (139.0000000d) Dec: +52 50 24.00 (52.84000d) Equinox: J2000		V=26	Reference Frame: SIMBAD														
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>Category=GALAXY</i> <i>Description=[DISK, DWARF SPHEROIDAL]</i>																			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit									
	1	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.148,0.086; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-4 in vv124-02 (02)	1403 Secs (1403 Secs) [==>]	[1]										
	2	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.148,0.086	Prime + Parallel Group 1-4 in vv124-02 (02)	1200 Secs (1200 Secs) [==>]	[1]										
	3	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 1-4 in vv124-02 (02)	1400 Secs (1400 Secs) [==>]	[1]										
	4	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 1-4 in vv124-02 (02)	1300 Secs (1300 Secs) [==>]	[1]										
	5	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.148,0.086	Prime + Parallel Group 5-8 in vv124-02 (02)	1300 Secs (1300 Secs) [==>]	[2]										
	6	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.148,0.086	Prime + Parallel Group 5-8 in vv124-02 (02)	1415 Secs (1415 Secs) [==>]	[2]										
	7	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 5-8 in vv124-02 (02)	1400 Secs (1400 Secs) [==>]	[2]										
	8	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 5-8 in vv124-02 (02)	1465 Secs (1465 Secs) [==>]	[2]										



Proposal 15244 - vv124-51 (51) - A challenge to dSph formation models: are the most isolated Local Group dSph galaxies truly old?

Tue Jan 22 19:00:44 GMT 2019

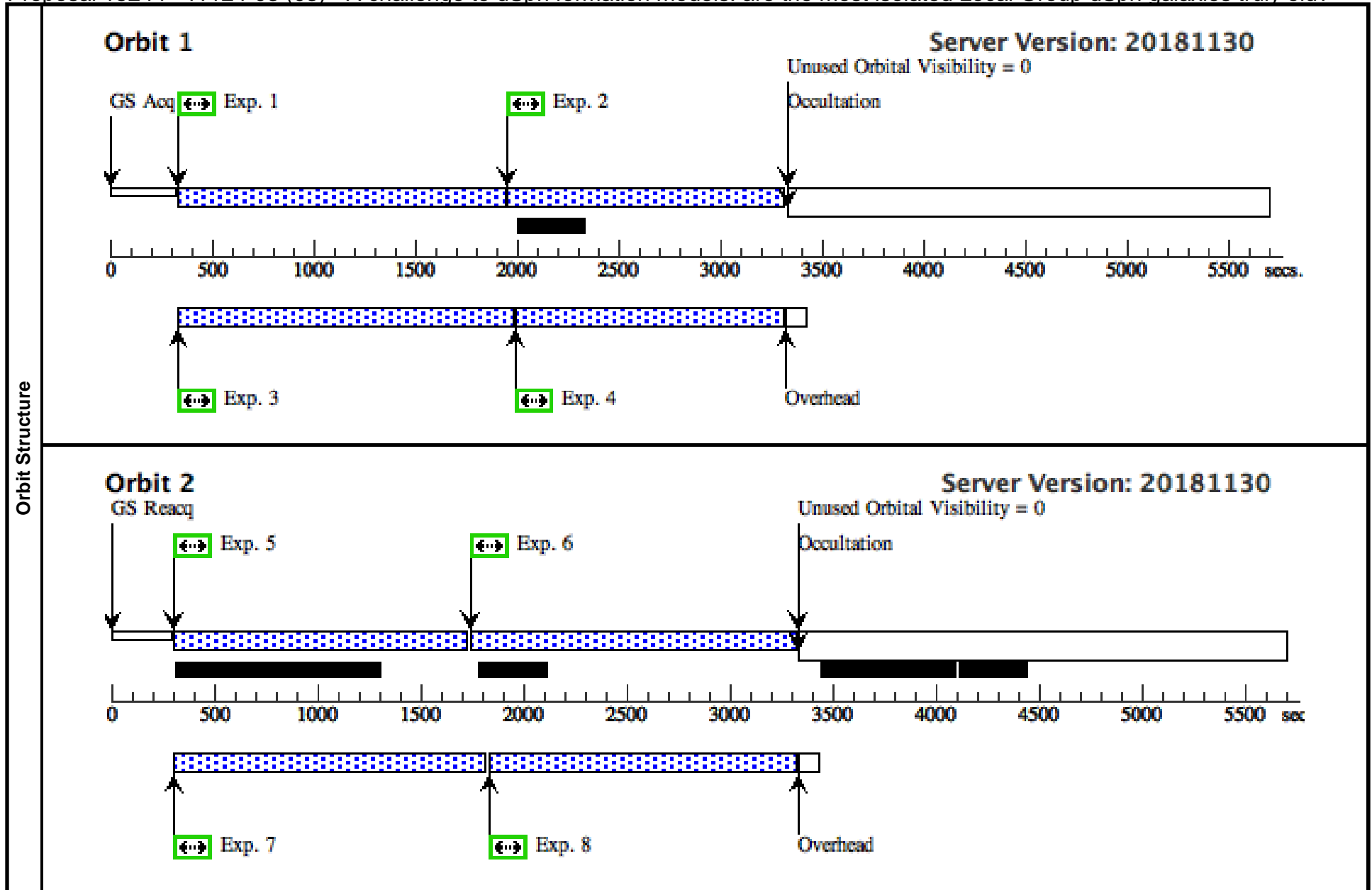
Visit	<b>Proposal 15244, vv124-51 (51)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 01									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	VV124	RA: 09 16 0.0000 (139.0000000d) Dec: +52 50 24.00 (52.84000d) Equinox: J2000		V=26	Reference Frame: SIMBAD				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VV124		ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.250,0.150; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-4 in vv124-51 (51)	1403 Secs (1403 Secs) [==>]	[1]
	2	(1) VV124		ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.250,0.150	Prime + Parallel Group 1-4 in vv124-51 (51)	1200 Secs (1200 Secs) [==>]	[1]
	3	(1) VV124		WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 1-4 in vv124-51 (51)	1400 Secs (1400 Secs) [==>]	[1]
	4	(1) VV124		WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 1-4 in vv124-51 (51)	1300 Secs (1300 Secs) [==>]	[1]
	5	(1) VV124		ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.148,0.086	Prime + Parallel Group 5-8 in vv124-51 (51)	1300 Secs (1300 Secs) [==>]	[2]
	6	(1) VV124		ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.148,0.086	Prime + Parallel Group 5-8 in vv124-51 (51)	1415 Secs (1415 Secs) [==>]	[2]
	7	(1) VV124		WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 5-8 in vv124-51 (51)	1400 Secs (1400 Secs) [==>]	[2]
	8	(1) VV124		WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 5-8 in vv124-51 (51)	1465 Secs (1465 Secs) [==>]	[2]



Proposal 15244 - vv124-03 (03) - A challenge to dSph formation models: are the most isolated Local Group dSph galaxies truly old?

Tue Jan 22 19:00:44 GMT 2019

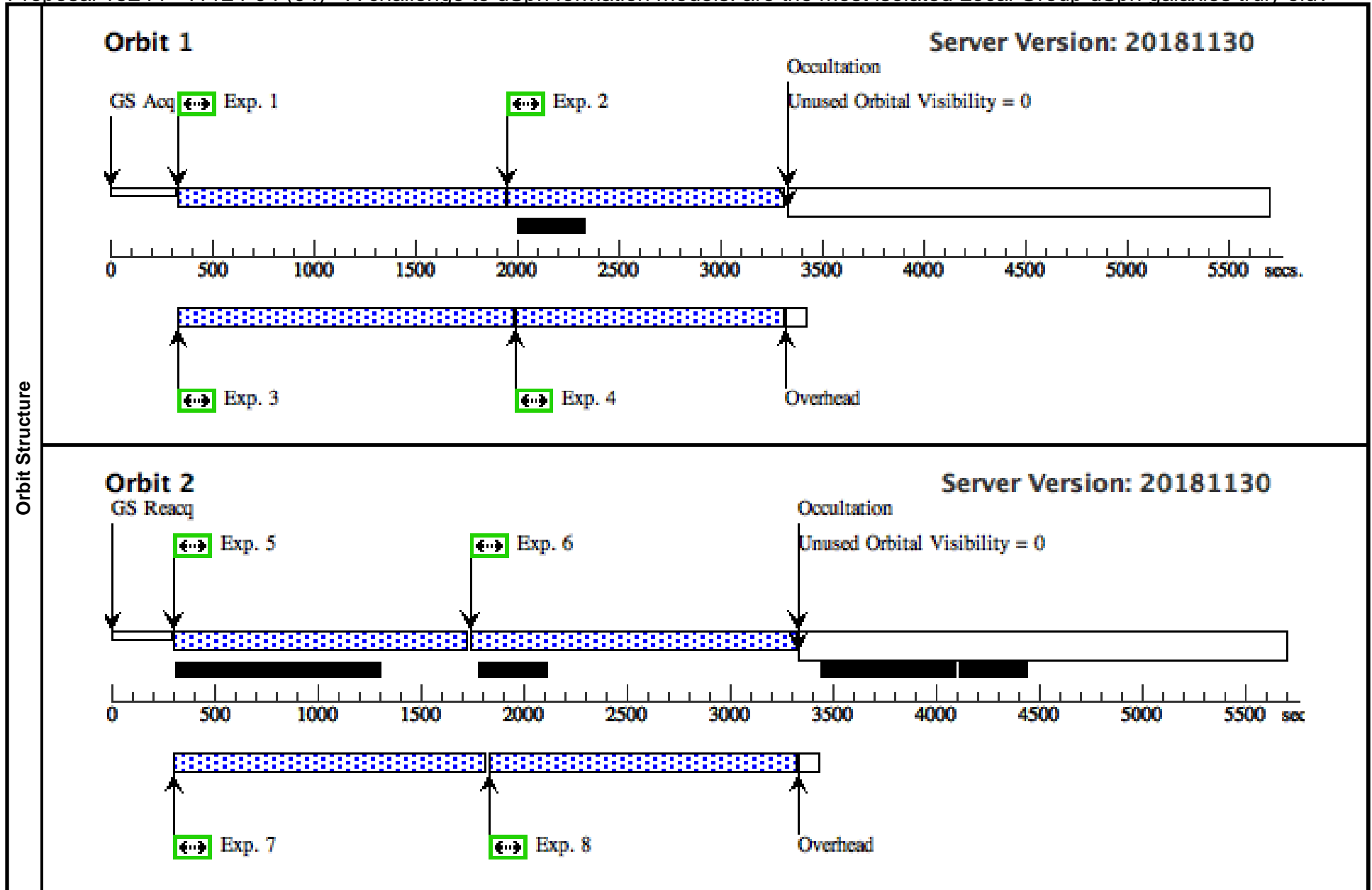
Visit	<b>Proposal 15244, vv124-03 (03), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 01; AFTER 02 BY 4 H TO 3 D									
	Fixed Targets	# <b>Name</b> <b>Target Coordinates</b> <b>Targ. Coord. Corrections</b> <b>Fluxes</b> <b>Miscellaneous</b> (1)      VV124      RA: 09 16 0.0000 (139.0000000d) Dec: +52 50 24.00 (52.84000d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>Category=GALAXY</i> <i>Description=[DISK, DWARF SPHEROIDAL]</i>								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.222,0.240; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-4 in vv124-03 (03)	1403 Secs (1403 Secs) [==>]	[1]	
	2	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.222,0.240	Prime + Parallel Group 1-4 in vv124-03 (03)	1200 Secs (1200 Secs) [==>]	[1]	
	3	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 1-4 in vv124-03 (03)	1500 Secs (1500 Secs) [==>]	[1]	
	4	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 1-4 in vv124-03 (03)	1300 Secs (1300 Secs) [==>]	[1]	
	5	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.222,0.240	Prime + Parallel Group 5-8 in vv124-03 (03)	1300 Secs (1300 Secs) [==>]	[2]	
	6	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.222,0.240	Prime + Parallel Group 5-8 in vv124-03 (03)	1415 Secs (1415 Secs) [==>]	[2]	
	7	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 5-8 in vv124-03 (03)	1400 Secs (1400 Secs) [==>]	[2]	
	8	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 5-8 in vv124-03 (03)	1465 Secs (1465 Secs) [==>]	[2]	



Proposal 15244 - vv124-04 (04) - A challenge to dSph formation models: are the most isolated Local Group dSph galaxies truly old?

Tue Jan 22 19:00:44 GMT 2019

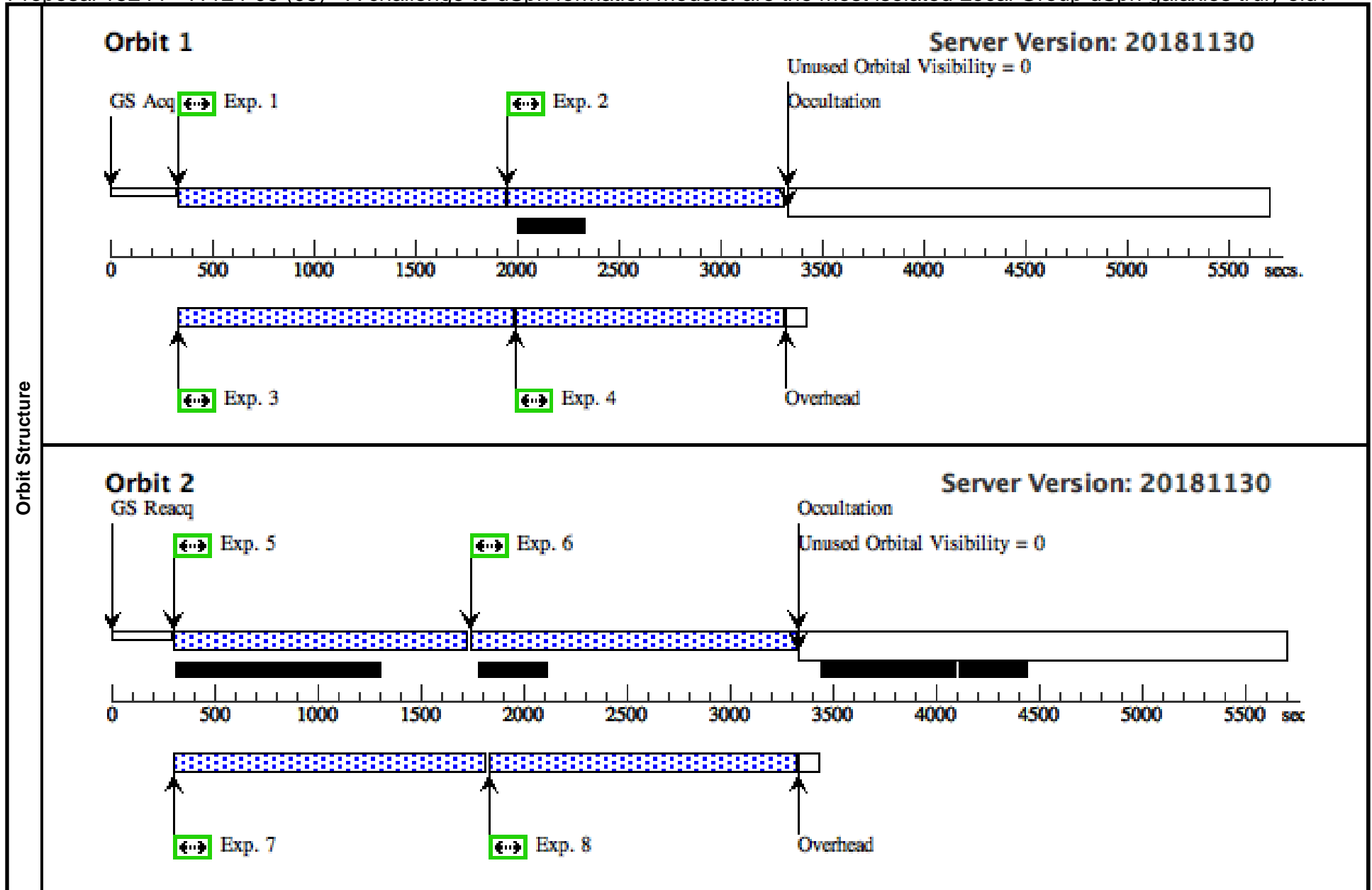
Visit	<b>Proposal 15244, vv124-04 (04), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 01; AFTER 03 BY 4 H TO 3 D									
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.074,0.154; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-4 in vv124-04 (04)	1403 Secs (1403 Secs) [==>]	[1]	
	2	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.074,0.154	Prime + Parallel Group 1-4 in vv124-04 (04)	1200 Secs (1200 Secs) [==>]	[1]	
	3	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 1-4 in vv124-04 (04)	1500 Secs (1500 Secs) [==>]	[1]	
	4	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 1-4 in vv124-04 (04)	1300 Secs (1300 Secs) [==>]	[1]	
	5	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.074,0.154	Prime + Parallel Group 5-8 in vv124-04 (04)	1300 Secs (1300 Secs) [==>]	[2]	
	6	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.074,0.154	Prime + Parallel Group 5-8 in vv124-04 (04)	1415 Secs (1415 Secs) [==>]	[2]	
	7	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 5-8 in vv124-04 (04)	1400 Secs (1400 Secs) [==>]	[2]	
	8	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 5-8 in vv124-04 (04)	1465 Secs (1465 Secs) [==>]	[2]	



Proposal 15244 - vv124-05 (05) - A challenge to dSph formation models: are the most isolated Local Group dSph galaxies truly old?

Tue Jan 22 19:00:44 GMT 2019

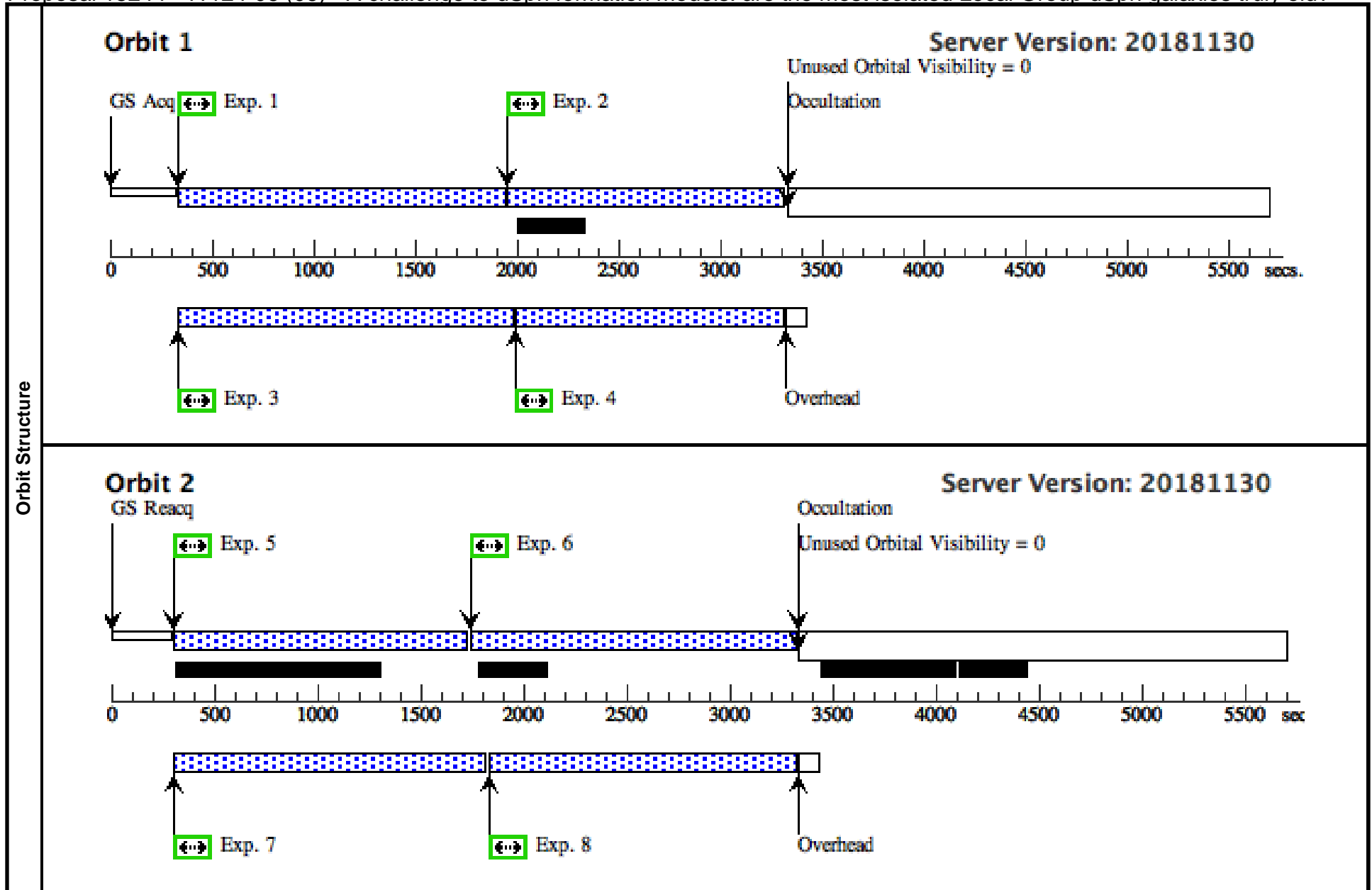
Visit	<b>Proposal 15244, vv124-05 (05), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 01; AFTER 04 BY 4 H TO 3 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	VV124	RA: 09 16 0.0000 (139.0000000d) Dec: +52 50 24.00 (52.84000d) Equinox: J2000		V=26	Reference Frame: SIMBAD				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VV124		ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.085,0.105; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-4 in vv124-05 (05)	1403 Secs (1403 Secs) [==>]	[1]
	2	(1) VV124		ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.085,0.105	Prime + Parallel Group 1-4 in vv124-05 (05)	1200 Secs (1200 Secs) [==>]	[1]
	3	(1) VV124		WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 1-4 in vv124-05 (05)	1500 Secs (1500 Secs) [==>]	[1]
	4	(1) VV124		WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 1-4 in vv124-05 (05)	1300 Secs (1300 Secs) [==>]	[1]
	5	(1) VV124		ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.085,0.105	Prime + Parallel Group 5-8 in vv124-05 (05)	1300 Secs (1300 Secs) [==>]	[2]
	6	(1) VV124		ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.085,0.105	Prime + Parallel Group 5-8 in vv124-05 (05)	1415 Secs (1415 Secs) [==>]	[2]
	7	(1) VV124		WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 5-8 in vv124-05 (05)	1400 Secs (1400 Secs) [==>]	[2]
	8	(1) VV124		WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 5-8 in vv124-05 (05)	1465 Secs (1465 Secs) [==>]	[2]



Proposal 15244 - vv124-06 (06) - A challenge to dSph formation models: are the most isolated Local Group dSph galaxies truly old?

Tue Jan 22 19:00:44 GMT 2019

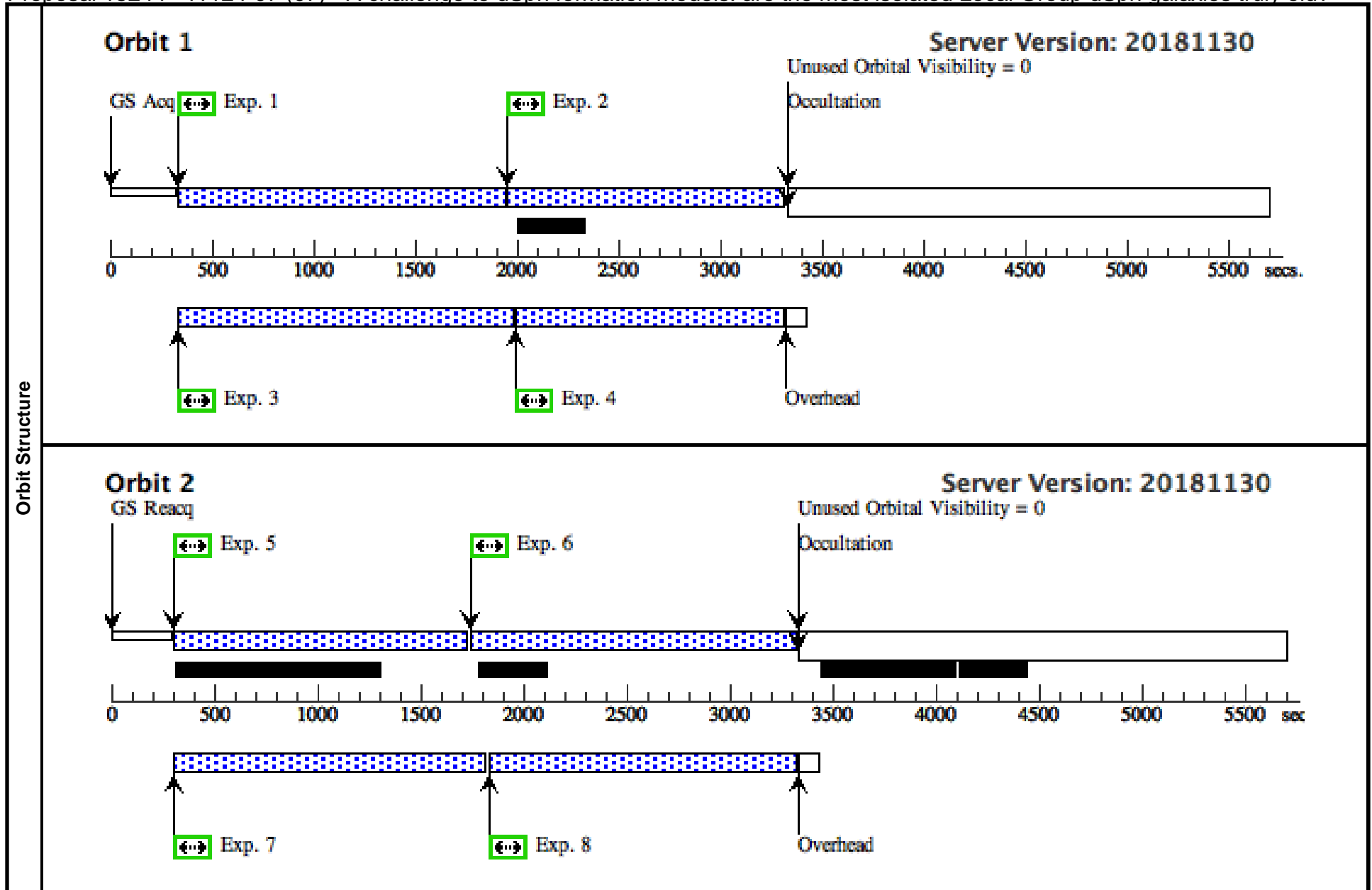
Visit	<b>Proposal 15244, vv124-06 (06), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 01; AFTER 05 BY 4 H TO 3 D									
	Fixed Targets	# <b>Name</b> <b>Target Coordinates</b> <b>Targ. Coord. Corrections</b> <b>Fluxes</b> <b>Miscellaneous</b> (1)      VV124      RA: 09 16 0.0000 (139.0000000d) Dec: +52 50 24.00 (52.84000d) Equinox: J2000 Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DISK, DWARF SPHEROIDAL]								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.233,0.195; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-4 in vv124-06 (06)	1403 Secs (1403 Secs) [==>]	[1]	
	2	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.233,0.195	Prime + Parallel Group 1-4 in vv124-06 (06)	1200 Secs (1200 Secs) [==>]	[1]	
	3	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 1-4 in vv124-06 (06)	1500 Secs (1500 Secs) [==>]	[1]	
	4	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 1-4 in vv124-06 (06)	1300 Secs (1300 Secs) [==>]	[1]	
	5	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.233,0.195	Prime + Parallel Group 5-8 in vv124-06 (06)	1300 Secs (1300 Secs) [==>]	[2]	
	6	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.233,0.195	Prime + Parallel Group 5-8 in vv124-06 (06)	1415 Secs (1415 Secs) [==>]	[2]	
	7	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 5-8 in vv124-06 (06)	1400 Secs (1400 Secs) [==>]	[2]	
	8	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 5-8 in vv124-06 (06)	1465 Secs (1465 Secs) [==>]	[2]	



Proposal 15244 - vv124-07 (07) - A challenge to dSph formation models: are the most isolated Local Group dSph galaxies truly old?

Tue Jan 22 19:00:44 GMT 2019

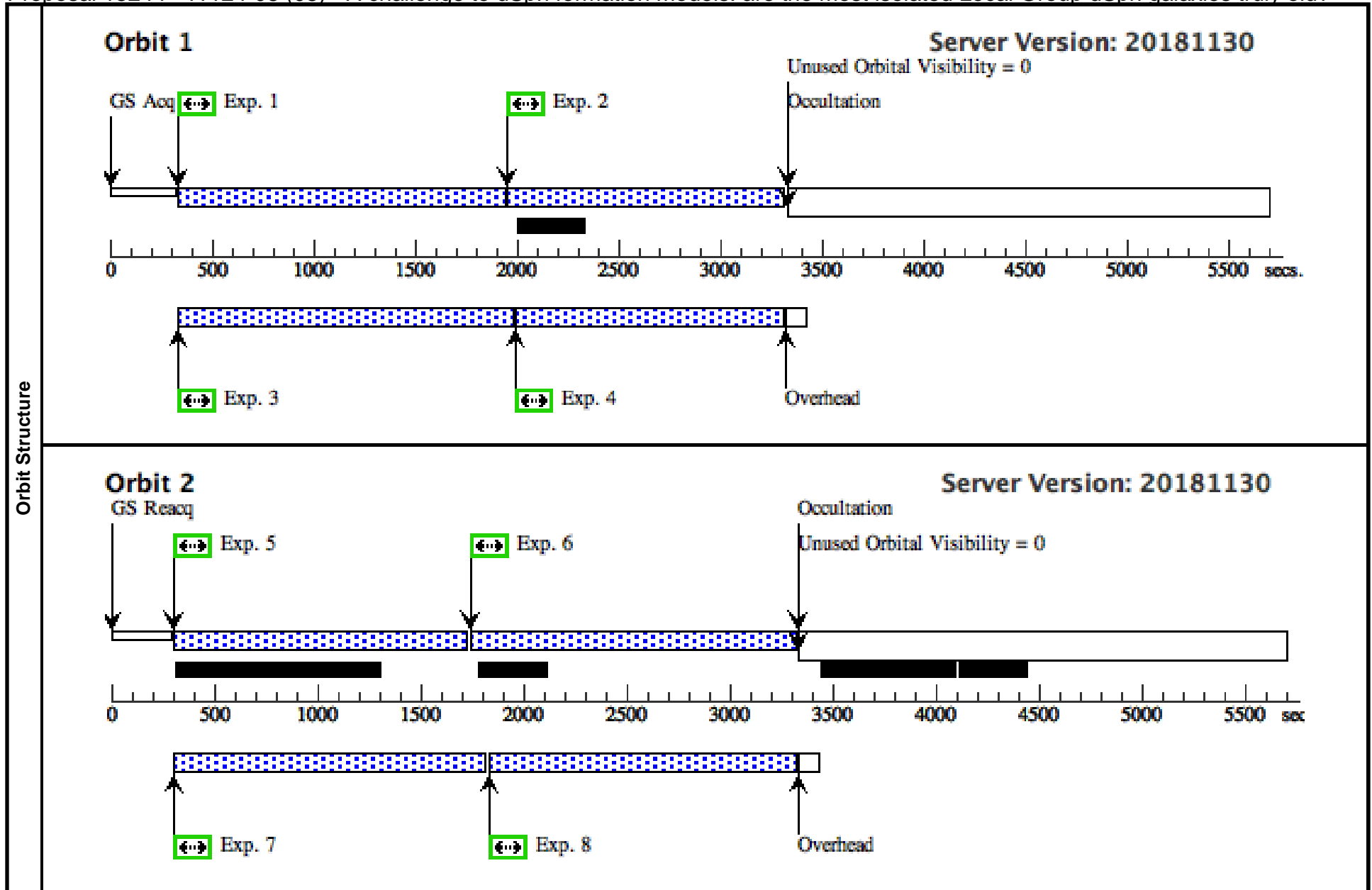
Visit	<b>Proposal 15244, vv124-07 (07), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 01; AFTER 06 BY 4 H TO 3 D									
	Fixed Targets	# <b>Name</b> <b>Target Coordinates</b> <b>Targ. Coord. Corrections</b> <b>Fluxes</b> <b>Miscellaneous</b> (1)      VV124      RA: 09 16 0.0000 (139.0000000d) Dec: +52 50 24.00 (52.84000d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>Category=GALAXY</i> <i>Description=[DISK, DWARF SPHEROIDAL]</i>								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F475W			POS TARG 0.307,0.345; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-4 in vv124-07 (07)	1403 Secs (1403 Secs) [==>]	[1]
	2	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 0.307,0.345	Prime + Parallel Group 1-4 in vv124-07 (07)	1200 Secs (1200 Secs) [==>]	[1]
	3	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W				Prime + Parallel Group 1-4 in vv124-07 (07)	1500 Secs (1500 Secs) [==>]	[1]
	4	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				Prime + Parallel Group 1-4 in vv124-07 (07)	1300 Secs (1300 Secs) [==>]	[1]
	5	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 0.307,0.345	Prime + Parallel Group 5-8 in vv124-07 (07)	1300 Secs (1300 Secs) [==>]	[2]
	6	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F475W			POS TARG 0.307,0.345	Prime + Parallel Group 5-8 in vv124-07 (07)	1415 Secs (1415 Secs) [==>]	[2]
	7	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				Prime + Parallel Group 5-8 in vv124-07 (07)	1400 Secs (1400 Secs) [==>]	[2]
	8	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W				Prime + Parallel Group 5-8 in vv124-07 (07)	1465 Secs (1465 Secs) [==>]	[2]



Proposal 15244 - vv124-08 (08) - A challenge to dSph formation models: are the most isolated Local Group dSph galaxies truly old?

Tue Jan 22 19:00:45 GMT 2019

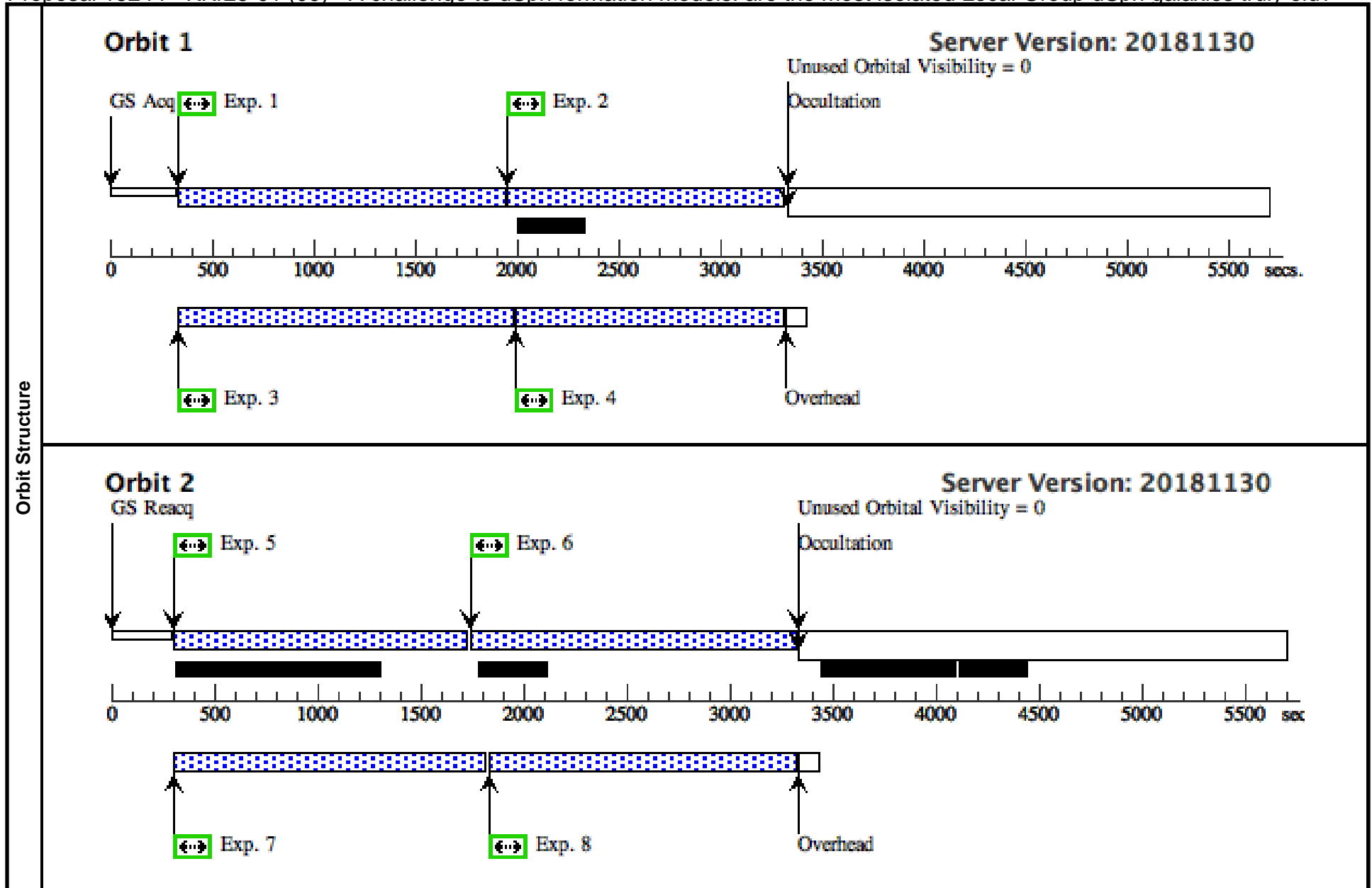
Visit	<b>Proposal 15244, vv124-08 (08), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 01; AFTER 07 BY 4 H TO 3 D									
	Fixed Targets	#      Name      Target Coordinates      Targ. Coord. Corrections      Fluxes      Miscellaneous (1)      VV124      RA: 09 16 0.0000 (139.0000000d) Dec: +52 50 24.00 (52.84000d) Equinox: J2000 Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DISK, DWARF SPHEROIDAL]								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.159,0.259; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-4 in vv124-08 (08)	1403 Secs (1403 Secs) [==>]	[1]	
	2	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.159,0.259	Prime + Parallel Group 1-4 in vv124-08 (08)	1200 Secs (1200 Secs) [==>]	[1]	
	3	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 1-4 in vv124-08 (08)	1500 Secs (1500 Secs) [==>]	[1]	
	4	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 1-4 in vv124-08 (08)	1300 Secs (1300 Secs) [==>]	[1]	
	5	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.159,0.259	Prime + Parallel Group 5-8 in vv124-08 (08)	1300 Secs (1300 Secs) [==>]	[2]	
	6	(1) VV124	ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.159,0.259	Prime + Parallel Group 5-8 in vv124-08 (08)	1415 Secs (1415 Secs) [==>]	[2]	
	7	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 5-8 in vv124-08 (08)	1400 Secs (1400 Secs) [==>]	[2]	
	8	(1) VV124	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 5-8 in vv124-08 (08)	1465 Secs (1465 Secs) [==>]	[2]	



Proposal 15244 - KKr25-01 (09) - A challenge to dSph formation models: are the most isolated Local Group dSph galaxies truly old?

Tue Jan 22 19:00:45 GMT 2019

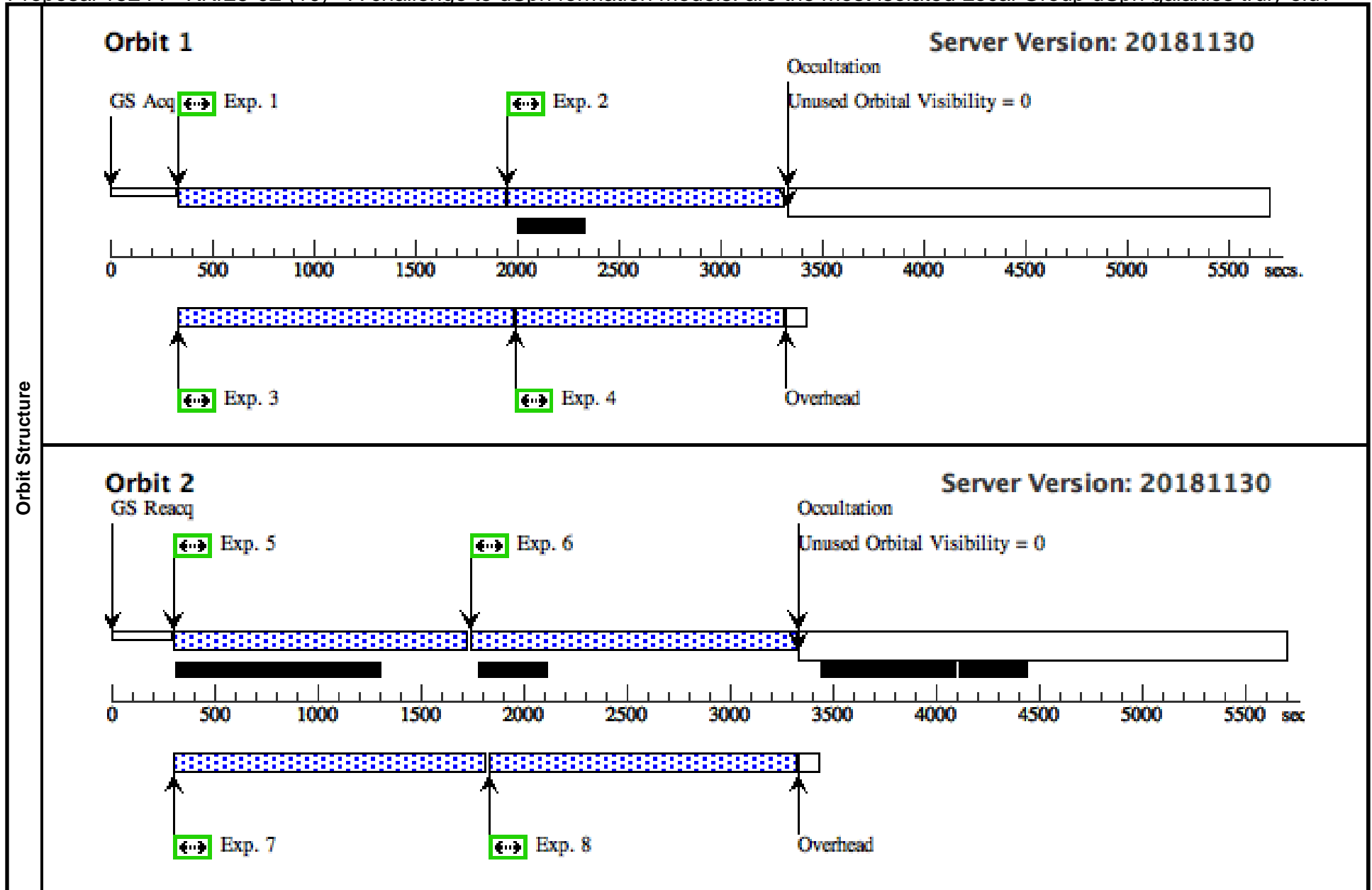
Visit	<b>Proposal 15244, KKr25-01 (09), scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 24D TO 74 D; ORIENT 115D TO 160 D; ORIENT 205D TO 255 D; ORIENT 295D TO 340 D; SEQ 09,10,11,12,13,14,15,16 WITHIN 6 D Comments: <i>This is the first visit to KKr25. We request a range in orientations in this first visit with the same orientation requested in subsequent visits to this target. This requirement will ensure that the parallel WFC3 fields of view will match exactly across all visits to this target. The range is very wide and exclude a small angle range to avoid pointing a V=11.4 mag star in the parallel field. Note that the ACS pointing is such to place a V=11.4 field star in the gap.</i> We have requested timing constraints such that (1) all visits to KKr25 be executed sequentially sometime after 4 hours but within 3 days of the previous visit, and (2) all visits to And I should be executed within 6 days. In addition, we also request that visits separated by 8 orbits or multiples of 8 orbits be avoided. SAA impacted orbits are to be avoided. These timing constraints provide optimal sampling of RR Lyrae light curves. This strategy requires manual scheduling of the program but proved successful in previous programs (eg PID=13028, 13739).									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(2)	KKR25	RA: 16 13 44.5300 (243.4355417d) Dec: +54 22 5.00 (54.36806d) Equinox: J2000		V=26	Reference Frame: NED				
	Comments: <i>This object was generated by the targetselector and retrieved from the NED database.</i> Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(2) KKR25		ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 1-4 in KKr25-01 (09)	1403 Secs (1403 Secs) [==>]	[1]
	2	(2) KKR25		ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-4 in KKr25-01 (09)	1200 Secs (1200 Secs) [==>]	[1]
	3	(2) KKR25		WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 1-4 in KKr25-01 (09)	1500 Secs (1500 Secs) [==>]	[1]
	4	(2) KKR25		WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 1-4 in KKr25-01 (09)	1300 Secs (1300 Secs) [==>]	[1]
	5	(2) KKR25		ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-8 in KKr25-01 (09)	1300 Secs (1300 Secs) [==>]	[2]
	6	(2) KKR25		ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 5-8 in KKr25-01 (09)	1415 Secs (1415 Secs) [==>]	[2]
	7	(2) KKR25		WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 5-8 in KKr25-01 (09)	1400 Secs (1400 Secs) [==>]	[2]
8	(2) KKR25		WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 5-8 in KKr25-01 (09)	1465 Secs (1465 Secs) [==>]	[2]	



Proposal 15244 - KKr25-02 (10) - A challenge to dSph formation models: are the most isolated Local Group dSph galaxies truly old?

Tue Jan 22 19:00:45 GMT 2019

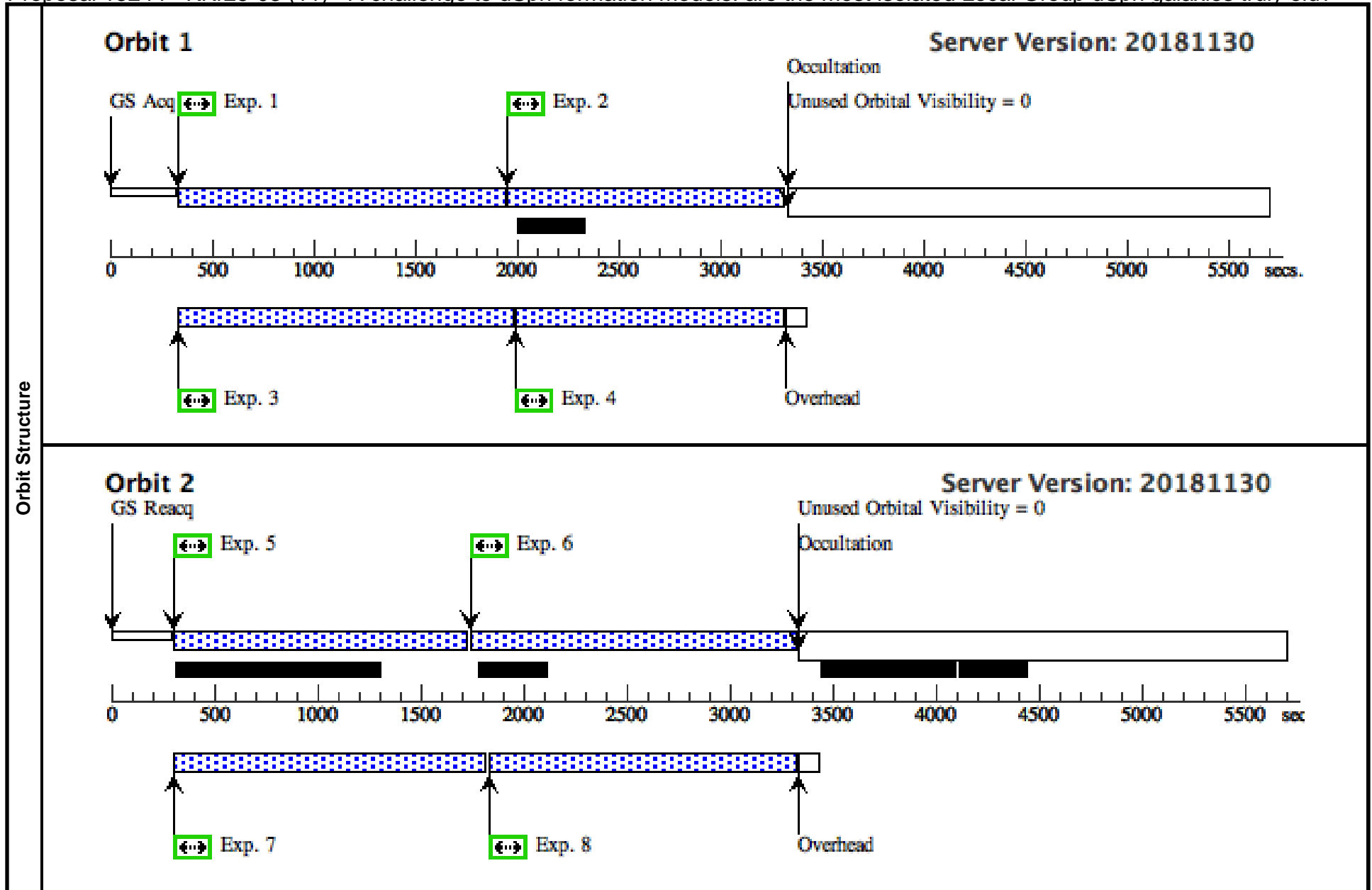
Visit	<b>Proposal 15244, KKr25-02 (10), scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 09; AFTER 09 BY 4 H TO 3 D									
	Fixed Targets	# <b>Name</b> <b>Target Coordinates</b> <b>Targ. Coord. Corrections</b> <b>Fluxes</b> <b>Miscellaneous</b> (2)      KKR25      RA: 16 13 44.5300 (243.4355417d) Dec: +54 22 5.00 (54.36806d) Equinox: J2000 Comments: This object was generated by the targetselector and retrieved from the NED database. Category=GALAXY Description=[DWARF SPHEROIDAL]								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(2) KKR25		ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.148,0.086	Prime + Parallel Group 1-4 in KKr25-02 (10)	1403 Secs (1403 Secs) [==>]	[1]
	2	(2) KKR25		ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.148,0.086	Prime + Parallel Group 1-4 in KKr25-02 (10)	1200 Secs (1200 Secs) [==>]	[1]
	3	(2) KKR25		WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 1-4 in KKr25-02 (10)	1500 Secs (1500 Secs) [==>]	[1]
	4	(2) KKR25		WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 1-4 in KKr25-02 (10)	1300 Secs (1300 Secs) [==>]	[1]
	5	(2) KKR25		ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.148,0.086	Prime + Parallel Group 5-8 in KKr25-02 (10)	1300 Secs (1300 Secs) [==>]	[2]
	6	(2) KKR25		ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.148,0.086	Prime + Parallel Group 5-8 in KKr25-02 (10)	1415 Secs (1415 Secs) [==>]	[2]
	7	(2) KKR25		WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 5-8 in KKr25-02 (10)	1400 Secs (1400 Secs) [==>]	[2]
	8	(2) KKR25		WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 5-8 in KKr25-02 (10)	1465 Secs (1465 Secs) [==>]	[2]



Proposal 15244 - KKr25-03 (11) - A challenge to dSph formation models: are the most isolated Local Group dSph galaxies truly old?

Tue Jan 22 19:00:45 GMT 2019

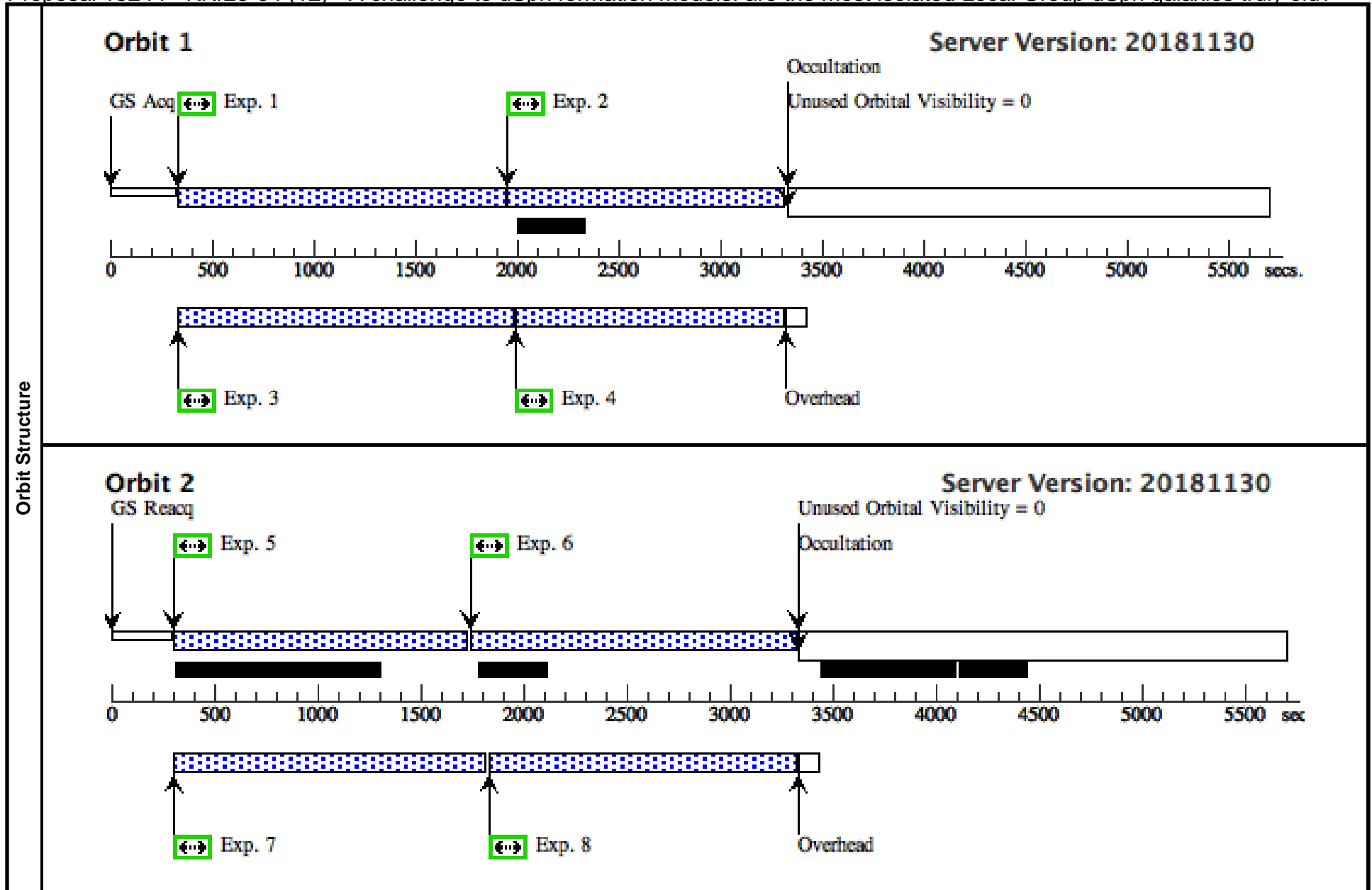
Visit	<b>Proposal 15244, KKr25-03 (11), scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 09; AFTER 10 BY 4 H TO 3 D									
	Fixed Targets	#      Name      Target Coordinates      Targ. Coord. Corrections      Fluxes      Miscellaneous (2)      KKR25      RA: 16 13 44.5300 (243.4355417d) Dec: +54 22 5.00 (54.36806d) Equinox: J2000 Comments: This object was generated by the targetselector and retrieved from the NED database. Category=GALAXY Description=[DWARF SPHEROIDAL]								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(2) KKR25	ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.222,0.240	Prime + Parallel Group 1-4 in KKr25-03 (11)	1403 Secs (1403 Secs)	[1]	
	2	(2) KKR25	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.222,0.240	Prime + Parallel Group 1-4 in KKr25-03 (11)	1200 Secs (1200 Secs)	[1]	
	3	(2) KKR25	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 1-4 in KKr25-03 (11)	1500 Secs (1500 Secs)	[1]	
	4	(2) KKR25	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 1-4 in KKr25-03 (11)	1300 Secs (1300 Secs)	[1]	
	5	(2) KKR25	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.222,0.240	Prime + Parallel Group 5-8 in KKr25-03 (11)	1300 Secs (1300 Secs)	[2]	
	6	(2) KKR25	ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.222,0.240	Prime + Parallel Group 5-8 in KKr25-03 (11)	1415 Secs (1415 Secs)	[2]	
	7	(2) KKR25	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 5-8 in KKr25-03 (11)	1400 Secs (1400 Secs)	[2]	
	8	(2) KKR25	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 5-8 in KKr25-03 (11)	1465 Secs (1465 Secs)	[2]	



Proposal 15244 - KKr25-04 (12) - A challenge to dSph formation models: are the most isolated Local Group dSph galaxies truly old?

Tue Jan 22 19:00:45 GMT 2019

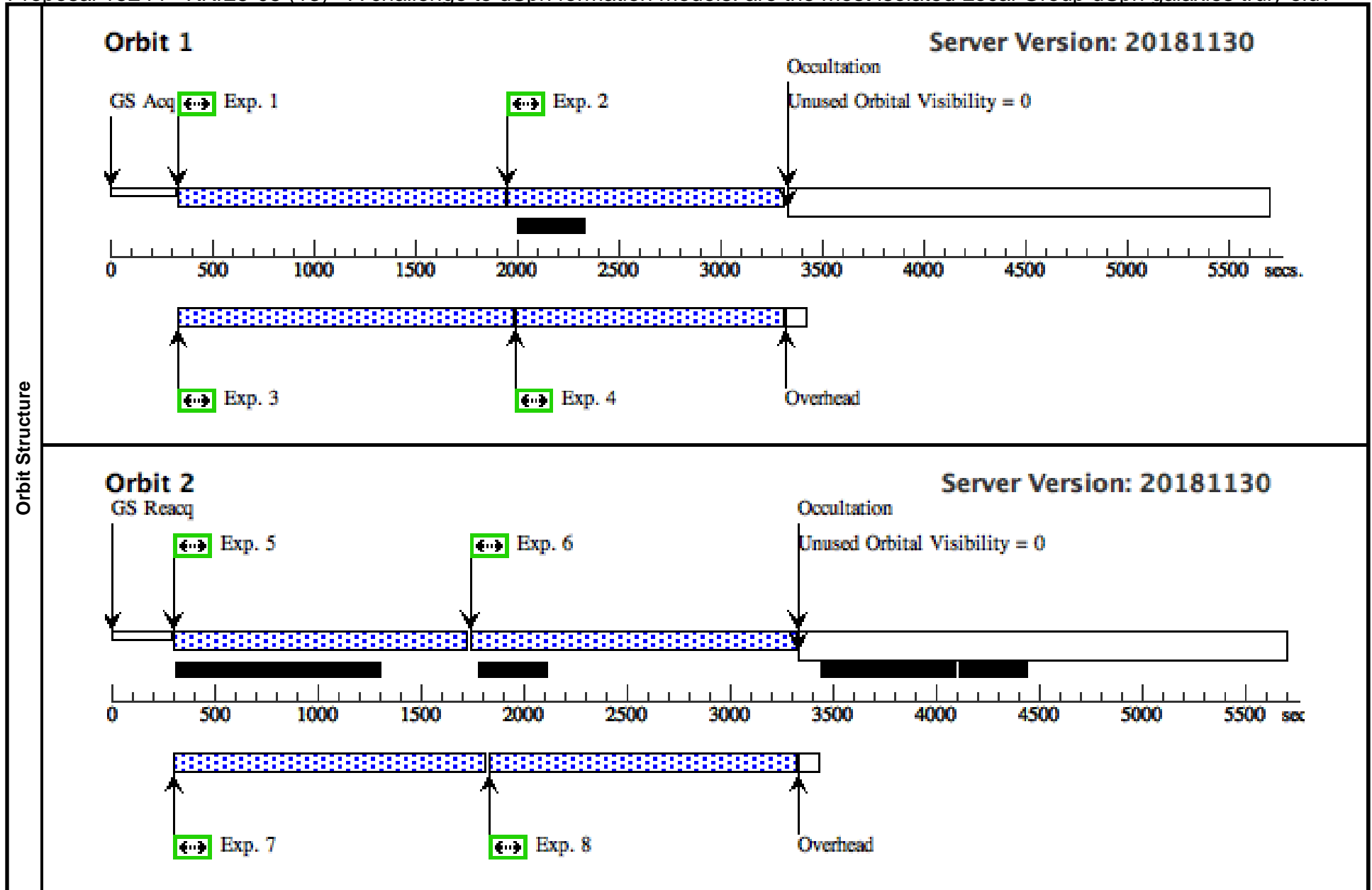
Visit	<b>Proposal 15244, KKr25-04 (12), scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 09; AFTER 11 BY 4 H TO 3 D									
	Fixed Targets	#      Name      Target Coordinates      Targ. Coord. Corrections      Fluxes      Miscellaneous (2)      KKR25      RA: 16 13 44.5300 (243.4355417d) Dec: +54 22 5.00 (54.36806d) Equinox: J2000 Comments: This object was generated by the targetselector and retrieved from the NED database. Category=GALAXY Description=[DWARF SPHEROIDAL]								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(2) KKR25	ACS/WFC, ACCUM, WFCENTER	F475W			POS TARG 0.074,0.154	Prime + Parallel Group 1-4 in KKr25-04 (12)	1403 Secs (1403 Secs) [==>]	[1]
	2	(2) KKR25	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 0.074,0.154	Prime + Parallel Group 1-4 in KKr25-04 (12)	1200 Secs (1200 Secs) [==>]	[1]
	3	(2) KKR25	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W				Prime + Parallel Group 1-4 in KKr25-04 (12)	1500 Secs (1500 Secs) [==>]	[1]
	4	(2) KKR25	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				Prime + Parallel Group 1-4 in KKr25-04 (12)	1300 Secs (1300 Secs) [==>]	[1]
	5	(2) KKR25	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 0.074,0.154	Prime + Parallel Group 5-8 in KKr25-04 (12)	1300 Secs (1300 Secs) [==>]	[2]
	6	(2) KKR25	ACS/WFC, ACCUM, WFCENTER	F475W			POS TARG 0.074,0.154	Prime + Parallel Group 5-8 in KKr25-04 (12)	1415 Secs (1415 Secs) [==>]	[2]
	7	(2) KKR25	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				Prime + Parallel Group 5-8 in KKr25-04 (12)	1400 Secs (1400 Secs) [==>]	[2]
	8	(2) KKR25	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W				Prime + Parallel Group 5-8 in KKr25-04 (12)	1465 Secs (1465 Secs) [==>]	[2]



Proposal 15244 - KKr25-05 (13) - A challenge to dSph formation models: are the most isolated Local Group dSph galaxies truly old?

Tue Jan 22 19:00:45 GMT 2019

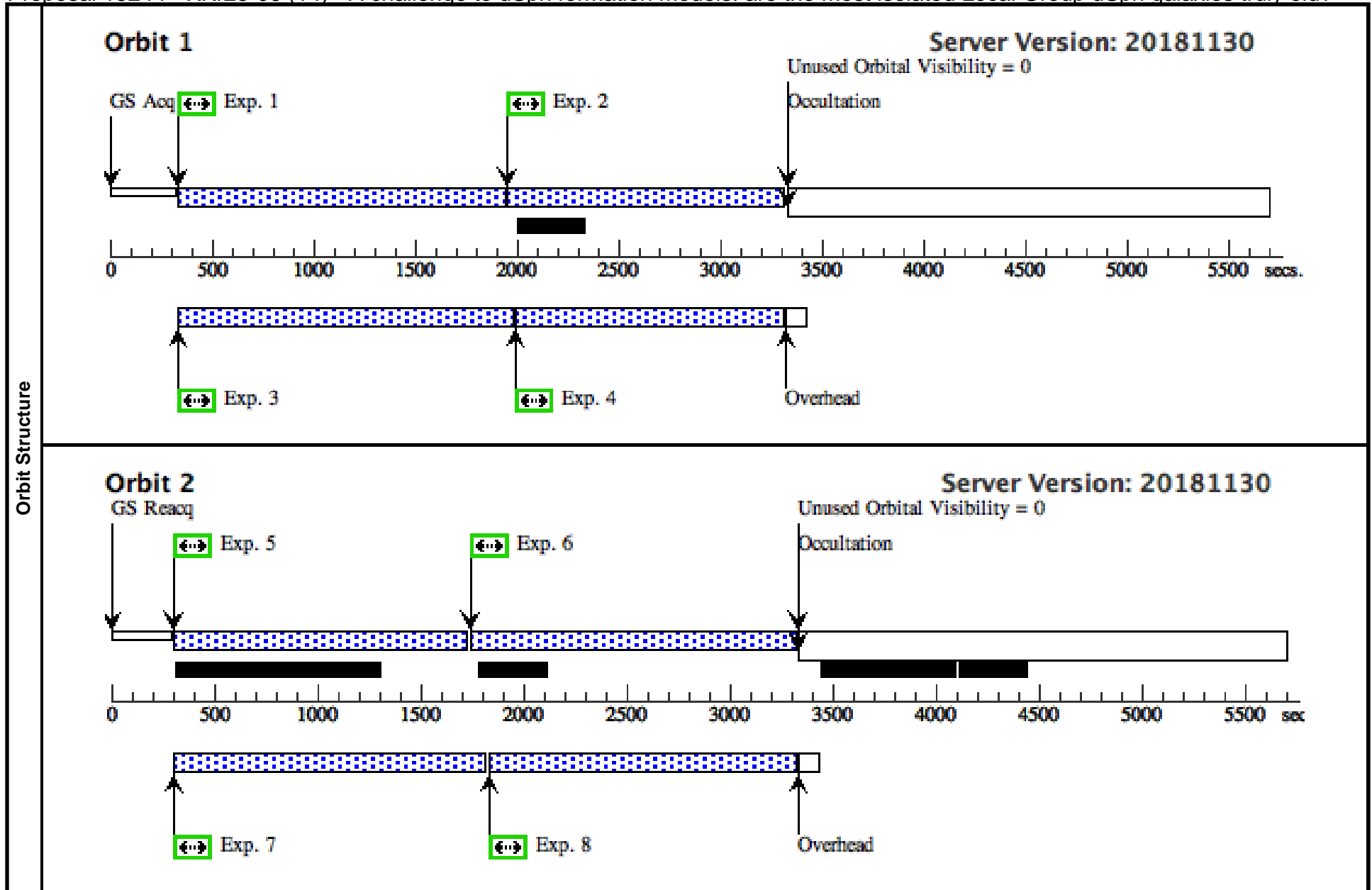
Visit	<b>Proposal 15244, KKr25-05 (13), scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 09; AFTER 12 BY 4 H TO 3 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(2)	KKR25	RA: 16 13 44.5300 (243.4355417d) Dec: +54 22 5.00 (54.36806d) Equinox: J2000		V=26	Reference Frame: NED				
	<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(2) KKR25		ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.085,0.105	Prime + Parallel Group 1-4 in KKr25-05 (13)	1403 Secs (1403 Secs) [==>]	[1]
	2	(2) KKR25		ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.085,0.105	Prime + Parallel Group 1-4 in KKr25-05 (13)	1200 Secs (1200 Secs) [==>]	[1]
	3	(2) KKR25		WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 1-4 in KKr25-05 (13)	1500 Secs (1500 Secs) [==>]	[1]
	4	(2) KKR25		WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 1-4 in KKr25-05 (13)	1300 Secs (1300 Secs) [==>]	[1]
	5	(2) KKR25		ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.085,0.105	Prime + Parallel Group 5-8 in KKr25-05 (13)	1300 Secs (1300 Secs) [==>]	[2]
	6	(2) KKR25		ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.085,0.105	Prime + Parallel Group 5-8 in KKr25-05 (13)	1415 Secs (1415 Secs) [==>]	[2]
	7	(2) KKR25		WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 5-8 in KKr25-05 (13)	1400 Secs (1400 Secs) [==>]	[2]
	8	(2) KKR25		WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 5-8 in KKr25-05 (13)	1465 Secs (1465 Secs) [==>]	[2]



Proposal 15244 - KKr25-06 (14) - A challenge to dSph formation models: are the most isolated Local Group dSph galaxies truly old?

Tue Jan 22 19:00:45 GMT 2019

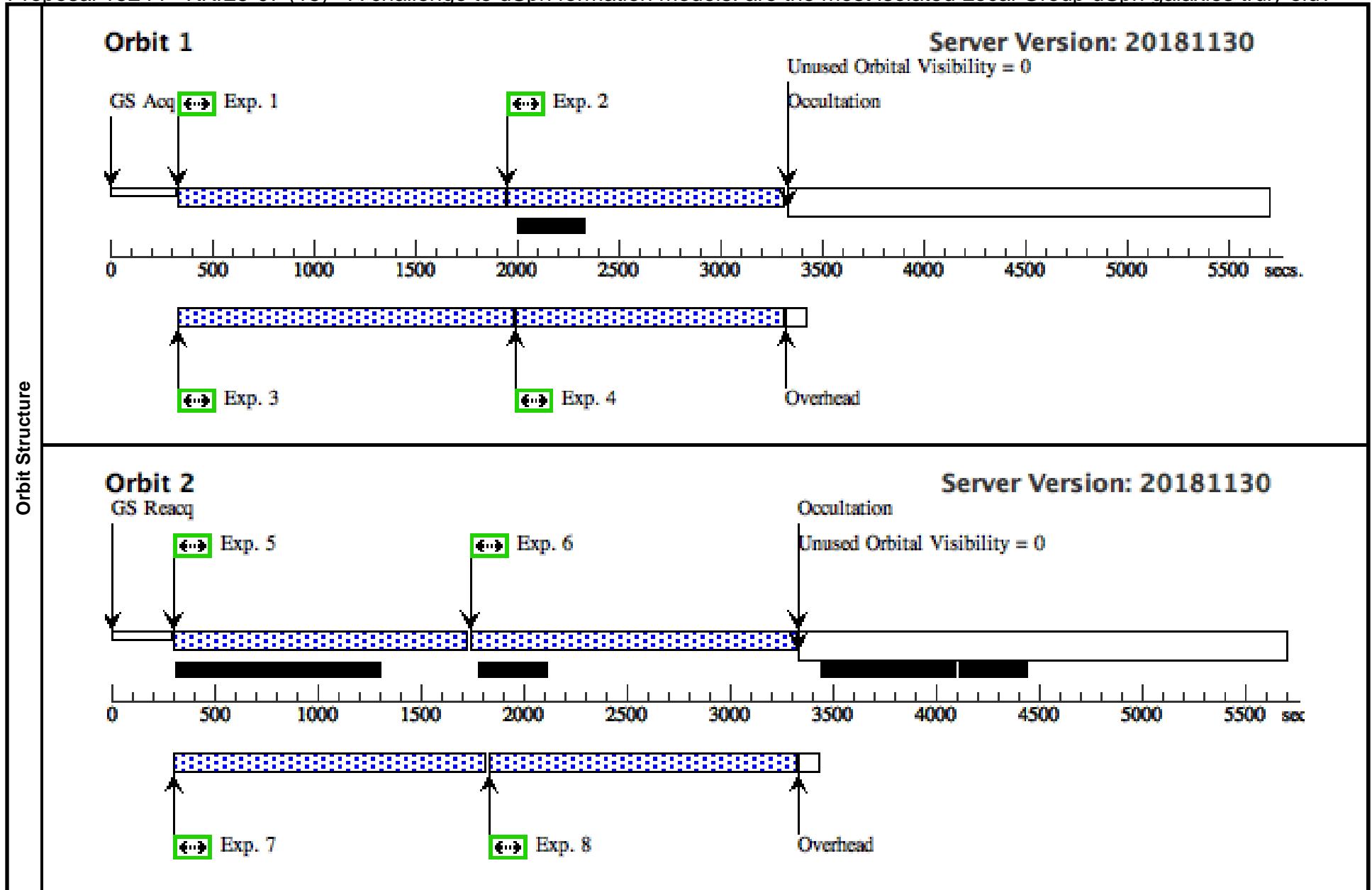
Visit	<b>Proposal 15244, KKr25-06 (14), scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 09; AFTER 13 BY 4 H TO 3 D									
	Fixed Targets	#      Name      Target Coordinates      Targ. Coord. Corrections      Fluxes      Miscellaneous (2)      KKR25      RA: 16 13 44.5300 (243.4355417d) Dec: +54 22 5.00 (54.36806d) Equinox: J2000 Comments: This object was generated by the targetselector and retrieved from the NED database. Category=GALAXY Description=[DWARF SPHEROIDAL]								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(2) KKR25	ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.233,0.191	Prime + Parallel Group 1-4 in KKr25-06 (14)	1403 Secs (1403 Secs)	[1]	
	2	(2) KKR25	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.233,0.191	Prime + Parallel Group 1-4 in KKr25-06 (14)	1200 Secs (1200 Secs)	[1]	
	3	(2) KKR25	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 1-4 in KKr25-06 (14)	1500 Secs (1500 Secs)	[1]	
	4	(2) KKR25	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 1-4 in KKr25-06 (14)	1300 Secs (1300 Secs)	[1]	
	5	(2) KKR25	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.233,0.191	Prime + Parallel Group 5-8 in KKr25-06 (14)	1300 Secs (1300 Secs)	[2]	
	6	(2) KKR25	ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.233,0.191	Prime + Parallel Group 5-8 in KKr25-06 (14)	1415 Secs (1415 Secs)	[2]	
	7	(2) KKR25	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 5-8 in KKr25-06 (14)	1400 Secs (1400 Secs)	[2]	
	8	(2) KKR25	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 5-8 in KKr25-06 (14)	1465 Secs (1465 Secs)	[2]	



Proposal 15244 - KKr25-07 (15) - A challenge to dSph formation models: are the most isolated Local Group dSph galaxies truly old?

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Visit	<b>Proposal 15244, KKr25-07 (15), scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 09; AFTER 14 BY 4 H TO 3 D									
	Fixed Targets	#      Name      Target Coordinates      Targ. Coord. Corrections      Fluxes      Miscellaneous (2)      KKR25      RA: 16 13 44.5300 (243.4355417d) Dec: +54 22 5.00 (54.36806d) Equinox: J2000 Comments: This object was generated by the targetselector and retrieved from the NED database. Category=GALAXY Description=[DWARF SPHEROIDAL]								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(2) KKR25	ACS/WFC, ACCUM, WFCENTER	F475W			POS TARG 0.307,0.345	Prime + Parallel Group 1-4 in KKr25-07 (15)	1403 Secs (1403 Secs) [==>]	[1]
	2	(2) KKR25	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 0.307,0.345	Prime + Parallel Group 1-4 in KKr25-07 (15)	1200 Secs (1200 Secs) [==>]	[1]
	3	(2) KKR25	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W				Prime + Parallel Group 1-4 in KKr25-07 (15)	1500 Secs (1500 Secs) [==>]	[1]
	4	(2) KKR25	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				Prime + Parallel Group 1-4 in KKr25-07 (15)	1300 Secs (1300 Secs) [==>]	[1]
	5	(2) KKR25	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 0.307,0.345	Prime + Parallel Group 5-8 in KKr25-07 (15)	1300 Secs (1300 Secs) [==>]	[2]
	6	(2) KKR25	ACS/WFC, ACCUM, WFCENTER	F475W			POS TARG 0.307,0.345	Prime + Parallel Group 5-8 in KKr25-07 (15)	1415 Secs (1415 Secs) [==>]	[2]
	7	(2) KKR25	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				Prime + Parallel Group 5-8 in KKr25-07 (15)	1400 Secs (1400 Secs) [==>]	[2]
	8	(2) KKR25	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W				Prime + Parallel Group 5-8 in KKr25-07 (15)	1465 Secs (1465 Secs) [==>]	[2]



Proposal 15244 - KKr25-08 (16) - A challenge to dSph formation models: are the most isolated Local Group dSph galaxies truly old?

Tue Jan 22 19:00:45 GMT 2019

Visit	<b>Proposal 15244, KKr25-08 (16), scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 09; AFTER 15 BY 4 H TO 3 D									
	Fixed Targets	#      Name      Target Coordinates      Targ. Coord. Corrections      Fluxes      Miscellaneous (2)      KKR25      RA: 16 13 44.5300 (243.4355417d) Dec: +54 22 5.00 (54.36806d) Equinox: J2000 Comments: This object was generated by the targetselector and retrieved from the NED database. Category=GALAXY Description=[DWARF SPHEROIDAL]								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(2) KKR25		ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.159,0.259	Prime + Parallel Group 1-4 in KKr25-08 (16)	1403 Secs (1403 Secs) [==>]	[1]
	2	(2) KKR25		ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.159,0.259	Prime + Parallel Group 1-4 in KKr25-08 (16)	1200 Secs (1200 Secs) [==>]	[1]
	3	(2) KKR25		WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 1-4 in KKr25-08 (16)	1500 Secs (1500 Secs) [==>]	[1]
	4	(2) KKR25		WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 1-4 in KKr25-08 (16)	1300 Secs (1300 Secs) [==>]	[1]
	5	(2) KKR25		ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.159,0.259	Prime + Parallel Group 5-8 in KKr25-08 (16)	1300 Secs (1300 Secs) [==>]	[2]
	6	(2) KKR25		ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.159,0.259	Prime + Parallel Group 5-8 in KKr25-08 (16)	1415 Secs (1415 Secs) [==>]	[2]
	7	(2) KKR25		WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 5-8 in KKr25-08 (16)	1400 Secs (1400 Secs) [==>]	[2]
	8	(2) KKR25		WFC3/UVIS, ACCUM, UVIS-CENTER	F475W			Prime + Parallel Group 5-8 in KKr25-08 (16)	1465 Secs (1465 Secs) [==>]	[2]

