



16229 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbours

Cycle: 28, 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) WISE0336-0143	WFC3/IR	1	29-Apr-2021 11:00:20.0	yes
02	(1) WISE0336-0143	WFC3/IR	1	29-Apr-2021 11:00:21.0	yes
03	(2) WISE0350-5658	WFC3/IR	1	29-Apr-2021 11:00:22.0	yes
04	(2) WISE0350-5658	WFC3/IR	1	29-Apr-2021 11:00:24.0	yes
05	(3) WISE0359-5401	WFC3/IR	1	29-Apr-2021 11:00:25.0	yes
06	(3) WISE0359-5401	WFC3/IR	1	29-Apr-2021 11:00:26.0	yes
07	(4) WISE0410+1502	WFC3/IR	1	29-Apr-2021 11:00:27.0	yes
08	(4) WISE0410+1502	WFC3/IR	1	29-Apr-2021 11:00:29.0	yes
09	(5) WISE0535-7500	WFC3/IR	1	29-Apr-2021 11:00:30.0	yes

Proposal 16229 (STScI Edit Number: 9, Created: Thursday, April 29, 2021 at 10:00:56 AM Eastern Standard Time) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
59	(5) WISE0535-7500	WFC3/IR	1	29-Apr-2021 11:00:31.0	yes
10	(6) WISE0647-6232	WFC3/IR	1	29-Apr-2021 11:00:33.0	yes
11	(7) WISE0713-2917	WFC3/IR	1	29-Apr-2021 11:00:34.0	yes
12	(7) WISE0713-2917	WFC3/IR	1	29-Apr-2021 11:00:35.0	yes
62	(7) WISE0713-2917	WFC3/IR	1	29-Apr-2021 11:00:36.0	yes
13	(8) WISE0734-7157	WFC3/IR	1	29-Apr-2021 11:00:37.0	yes
14	(9) WISE0825+2805	WFC3/IR	1	29-Apr-2021 11:00:38.0	yes
15	(10) WISE1206+8401	WFC3/IR	1	29-Apr-2021 11:00:40.0	yes
65	(10) WISE1206+8401	WFC3/IR	1	29-Apr-2021 11:00:41.0	yes
66	(10) WISE1206+8401	WFC3/IR	1	29-Apr-2021 11:00:42.0	yes
16	(11) WISE1405+5534	WFC3/IR	1	29-Apr-2021 11:00:43.0	yes
17	(12) WISE1541-2250	WFC3/IR	1	29-Apr-2021 11:00:45.0	yes
18	(13) WISE1639-6847	WFC3/IR	1	29-Apr-2021 11:00:46.0	yes
19	(14) WISE1738+2732	WFC3/IR	1	29-Apr-2021 11:00:47.0	yes
20	(14) WISE1738+2732	WFC3/IR	1	29-Apr-2021 11:00:48.0	yes
21	(15) WISE1828+2650	WFC3/IR	1	29-Apr-2021 11:00:49.0	yes
22	(16) WISE2056+1459	WFC3/IR	1	29-Apr-2021 11:00:50.0	yes
23	(16) WISE2056+1459	WFC3/IR	1	29-Apr-2021 11:00:52.0	yes
24	(17) WISE2209+2711	WFC3/IR	1	29-Apr-2021 11:00:53.0	yes
25	(18) WISE2220-3628	WFC3/IR	1	29-Apr-2021 11:00:54.0	yes
26	(19) WISE2354+0240	WFC3/IR	1	29-Apr-2021 11:00:55.0	yes

30 Total Orbits Used

ABSTRACT

We propose for WFC3/IR imaging of 19 Y brown dwarfs to measure the most precise parallaxes and proper motions to date, and define a uniform catalogue of near-infrared F105W/F125W/F160W photometry for the vast majority of ultracool Y dwarfs. Accurate distances are vital for confident

interpretations of measured quantities and assessments of inherent properties, which are indispensable to characterise the atmospheres of these giant planet analogues. The challenges associated with astrometric and spectrophotometric observations for such intrinsically faint objects result in highly incomplete and heterogeneous datasets, that severely lack reliable absolute calibrations.

HST provides a unique platform to obtain both precise astrometric parameters and photometry for Y dwarfs, with an exquisite astrometric precision and unmatched capabilities at these wavelengths for observations of such cold objects. Robust and uniform parallax measurements for the major part of the Y population will be essential to enhance our heavily scattered understanding of their characteristics, and improve theoretical models that lack empirical validation at the coldest temperatures.

Homogeneous sets of reliable distances and multiband photometry will allow for unprecedented analyses of colour-magnitude diagrams for the Y spectral sequence, enabling key tests of secondary effects like gravity or metallicity on the complex appearances of Y dwarfs. Constraining the kinematics and fundamental properties of these objects will be crucial in preparation of upcoming missions like JWST, which, combined with robust calibrations, will offer invaluable new glimpses into these puzzling planetary atmospheres.

OBSERVING DESCRIPTION

This program consists of 26 orbits of WFC3 IR channel imaging for precise photometry and astrometry of 19 nearby ultracool Y dwarfs. All orbits are planned as single-orbit visits. We apply large and fractional-pixel dithering patterns to allow both removal of hot pixels and increase the spatial resolution of the datasets. All observations are taken in full frame mode, in order to maximise the number of reference sources in the fields of view. We use ~300 s exposures in MULTIACCUM mode in all cases, varying the exact exposure times from NSAMP=12-13-14, with SAMP-SEQ=SPARS25, to fit within the orbital visibility of each orbit.

This allows for a total of 8 individual images per 1-orbit visit. Various combinations of the F105W, F125W and F160W filters are used for each target, to complement existing archival data. For each orbit, we will hence have at least 4 (and up to 8) dithered exposures in at least one band, which will be crucial for precision astrometry within each epoch given the under-sampled detector of the WFC3 IR channel. A minimum of 2 images in F105W/F125W observations, and at least 6 exposures for observations in the redder F160W band, we will also allow for robust photometric measurements.

We request specific time constraints for each visit, in order to optimise our science results in the derivation of parallaxes and proper motions of our

targets. We have hence defined optimal observing windows for each new orbit, based on the yearly phases already covered by archival datasets. These typically correspond to ~2-week windows intended as a repeat of the time of year observed in a previous epoch and/or annual phases covering the maximum or minimum parallax elongations. When additional constraints are required, we provide short comments about the specific constraints requested within each visit.

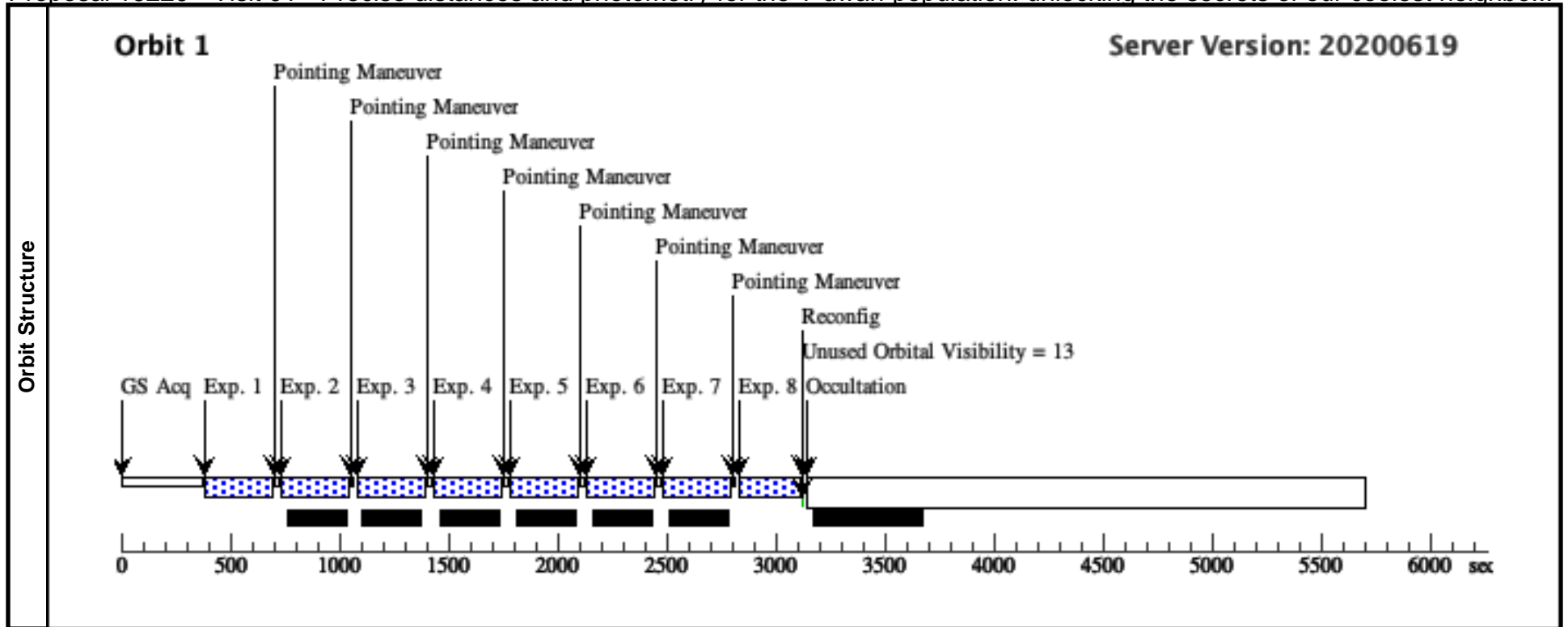
Proposal 16229 - Visit 01 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:56 GMT 2021

Visit	Proposal 16229, Visit 01, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 30-JAN-2021:00:00:00 AND 10-FEB-2021:00:00:00; BETWEEN 30-JAN-2022:00:00:00 AND 10-FEB-2022:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	WISE0336-0143	RA: 03 36 5.0062 (54.0208592d) Dec: -01 43 55.80 (-1.73217d) Equinox: J2000	Proper Motion RA: -257.8 mas/yr Proper Motion Dec: -1212.3 mas/yr Epoch of Position: 2014.0	V=(?) J=21.1, H=22.2	Reference Frame: ICRS
<i>Comments:</i> Category=STAR Description=[BROWN DWARF]						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) WISE0336-0143	(1) WISE0336-0143	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.3 0	Sequence 1-8 Non-Int in Visit 01	277.937956 Secs (277.938 Secs) [==>]	[1]
	2	(1) WISE0336-0143	(1) WISE0336-0143	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1. 73	Sequence 1-8 Non-Int in Visit 01	277.937956 Secs (277.938 Secs) [==>]	[1]
	3	(1) WISE0336-0143	(1) WISE0336-0143	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7. 16	Sequence 1-8 Non-Int in Visit 01	277.937956 Secs (277.938 Secs) [==>]	[1]
	4	(1) WISE0336-0143	(1) WISE0336-0143	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3. 57	Sequence 1-8 Non-Int in Visit 01	277.937956 Secs (277.938 Secs) [==>]	[1]
	5	(1) WISE0336-0143	(1) WISE0336-0143	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -3.59,3. 65	Sequence 1-8 Non-Int in Visit 01	277.937956 Secs (277.938 Secs) [==>]	[1]
	6	(1) WISE0336-0143	(1) WISE0336-0143	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5. 45	Sequence 1-8 Non-Int in Visit 01	277.937956 Secs (277.938 Secs) [==>]	[1]
	7	(1) WISE0336-0143	(1) WISE0336-0143	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.5 0	Sequence 1-8 Non-Int in Visit 01	277.937956 Secs (277.938 Secs) [==>]	[1]
	8	(1) WISE0336-0143	(1) WISE0336-0143	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.8 9	Sequence 1-8 Non-Int in Visit 01	252.937441 Secs (252.937 Secs) [==>]	[1]



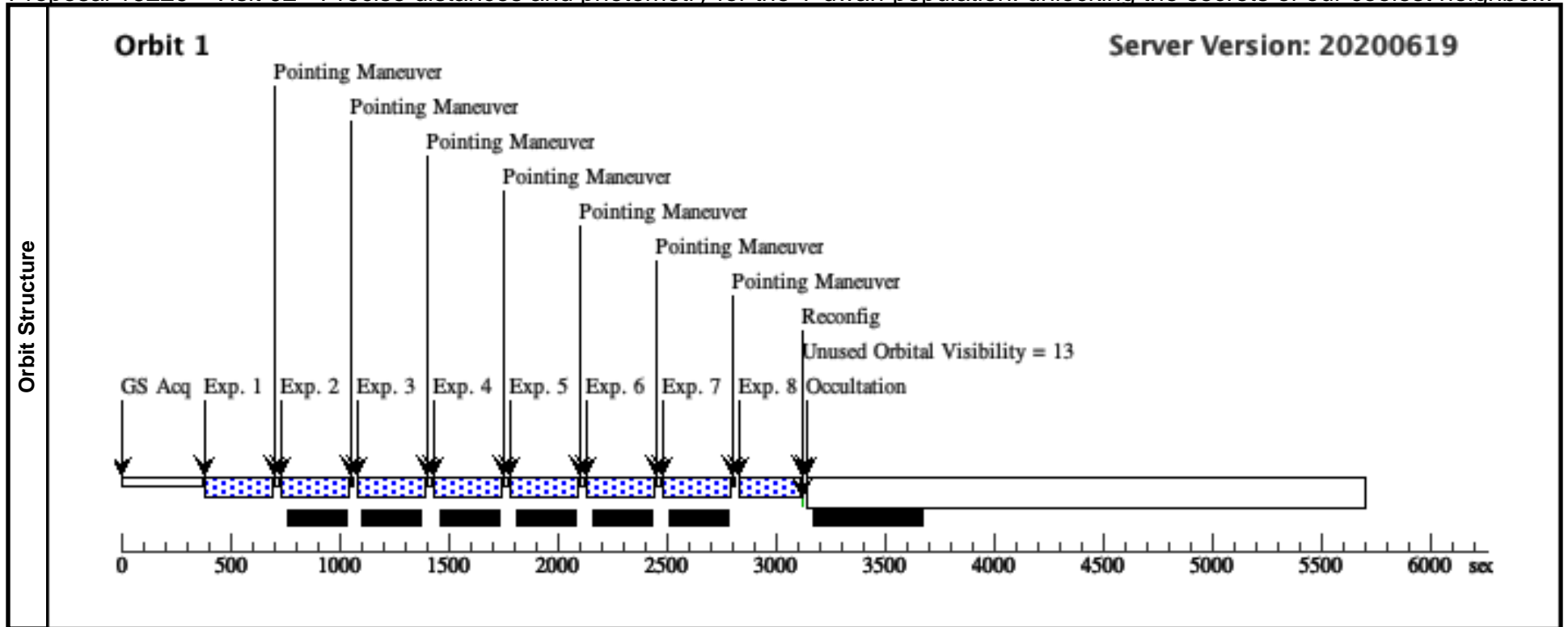
Proposal 16229 - Visit 02 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:56 GMT 2021

Visit	Proposal 16229, Visit 02, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 31-JUL-2021:00:00:00 AND 11-AUG-2021:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	WISE0336-0143	RA: 03 36 5.0062 (54.0208592d) Dec: -01 43 55.80 (-1.73217d) Equinox: J2000	Proper Motion RA: -257.8 mas/yr Proper Motion Dec: -1212.3 mas/yr Epoch of Position: 2014.0	V=(?) J=21.1, H=22.2	Reference Frame: ICRS
<i>Comments:</i> Category=STAR Description=[BROWN DWARF]						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) WISE0336-0143	(1) WISE0336-0143	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.3 0	Sequence 1-8 Non-Int in Visit 02	277.937956 Secs (277.938 Secs) [==>]	[1]
	2	(1) WISE0336-0143	(1) WISE0336-0143	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1. 73	Sequence 1-8 Non-Int in Visit 02	277.937956 Secs (277.938 Secs) [==>]	[1]
	3	(1) WISE0336-0143	(1) WISE0336-0143	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7. 16	Sequence 1-8 Non-Int in Visit 02	277.937956 Secs (277.938 Secs) [==>]	[1]
	4	(1) WISE0336-0143	(1) WISE0336-0143	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3. 57	Sequence 1-8 Non-Int in Visit 02	277.937956 Secs (277.938 Secs) [==>]	[1]
	5	(1) WISE0336-0143	(1) WISE0336-0143	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -3.59,3. 65	Sequence 1-8 Non-Int in Visit 02	277.937956 Secs (277.938 Secs) [==>]	[1]
	6	(1) WISE0336-0143	(1) WISE0336-0143	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5. 45	Sequence 1-8 Non-Int in Visit 02	277.937956 Secs (277.938 Secs) [==>]	[1]
	7	(1) WISE0336-0143	(1) WISE0336-0143	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.5 0	Sequence 1-8 Non-Int in Visit 02	277.937956 Secs (277.938 Secs) [==>]	[1]
	8	(1) WISE0336-0143	(1) WISE0336-0143	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.8 9	Sequence 1-8 Non-Int in Visit 02	252.937441 Secs (252.937 Secs) [==>]	[1]



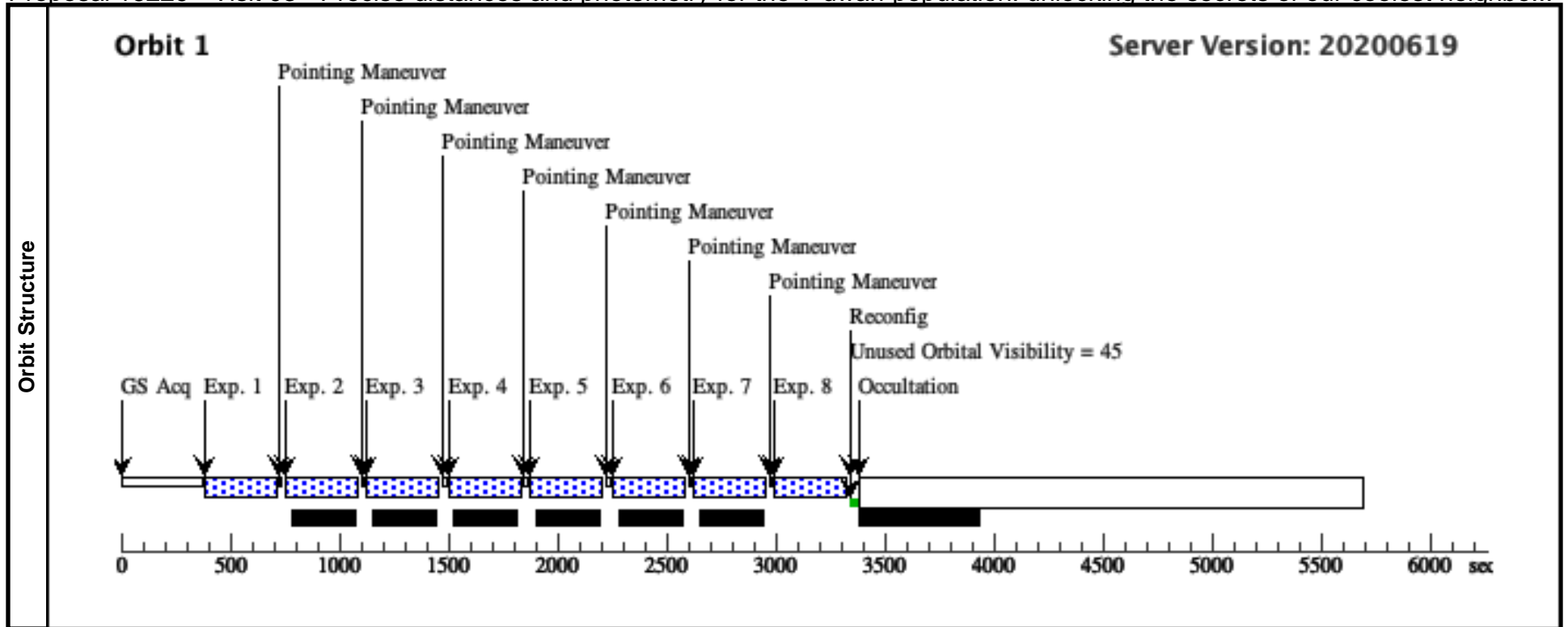
Proposal 16229 - Visit 03 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:56 GMT 2021

Visit	Proposal 16229, Visit 03, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 02-JAN-2021:00:00:00 AND 13-JAN-2021:00:00:00; BETWEEN 02-JAN-2022:00:00:00 AND 13-JAN-2022:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	WISE0350-5658	RA: 03 50 0.2400 (57.5010000d) Dec: -56 58 32.29 (-56.97564d) Equinox: J2000	Proper Motion RA: -216.5 mas/yr Proper Motion Dec: -579.0 mas/yr Epoch of Position: 2014.0	V=(?) J=22.09, H=22.51	Reference Frame: ICRS
	<i>Comments: Category=STAR Description=[BROWN DWARF]</i>					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(2) WISE0350-5658	WISE0350-5658	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1.73	Sequence 1-8 Non-Int in Visit 03	302.938471 Secs (302.938 Secs) [==>]	[1]
	2	(2) WISE0350-5658	WISE0350-5658	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5.45	Sequence 1-8 Non-Int in Visit 03	302.938471 Secs (302.938 Secs) [==>]	[1]
	3	(2) WISE0350-5658	WISE0350-5658	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7.16	Sequence 1-8 Non-Int in Visit 03	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	(2) WISE0350-5658	WISE0350-5658	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -3.59,3.65	Sequence 1-8 Non-Int in Visit 03	302.938471 Secs (302.938 Secs) [==>]	[1]
	5	(2) WISE0350-5658	WISE0350-5658	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3.57	Sequence 1-8 Non-Int in Visit 03	302.938471 Secs (302.938 Secs) [==>]	[1]
	6	(2) WISE0350-5658	WISE0350-5658	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.30	Sequence 1-8 Non-Int in Visit 03	302.938471 Secs (302.938 Secs) [==>]	[1]
	7	(2) WISE0350-5658	WISE0350-5658	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.50	Sequence 1-8 Non-Int in Visit 03	302.938471 Secs (302.938 Secs) [==>]	[1]
	8	(2) WISE0350-5658	WISE0350-5658	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.89	Sequence 1-8 Non-Int in Visit 03	302.938471 Secs (302.938 Secs) [==>]	[1]



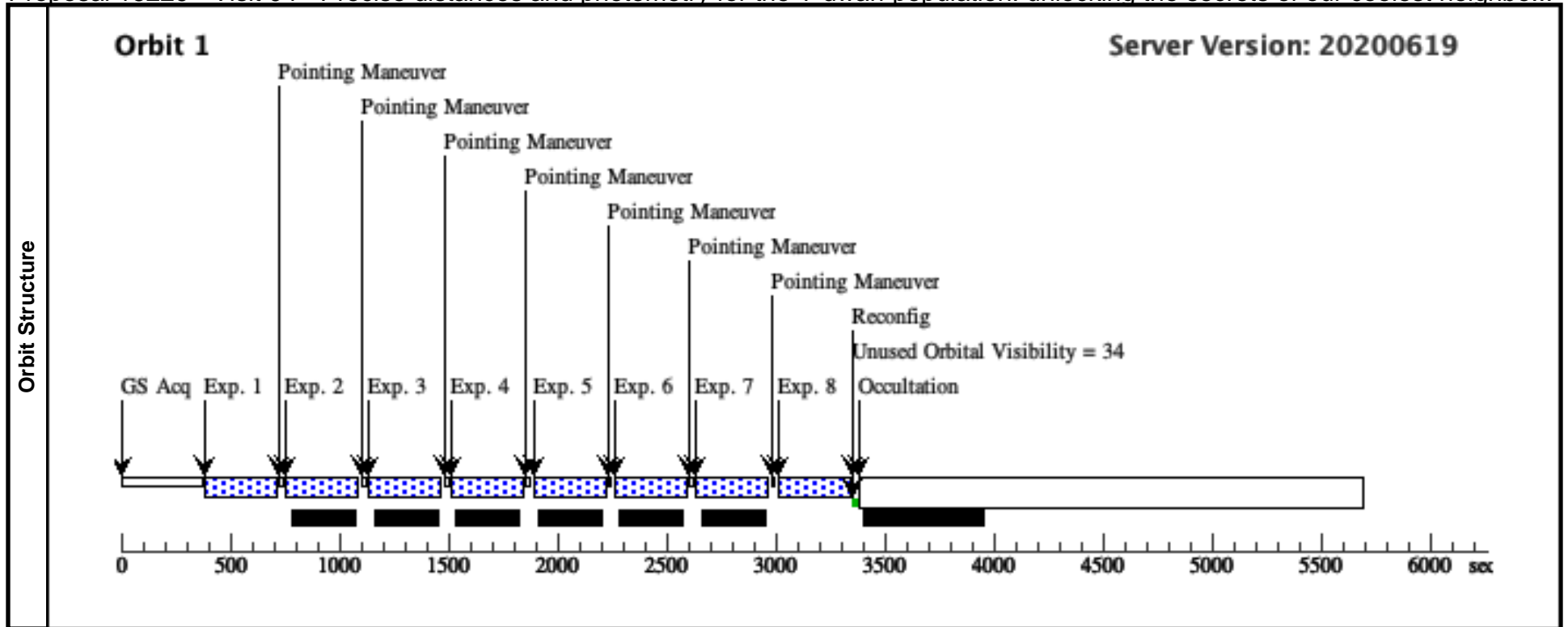
Proposal 16229 - Visit 04 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:56 GMT 2021

Visit	Proposal 16229, Visit 04, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 26-MAR-2021:00:00:00 AND 06-APR-2021:00:00:00; BETWEEN 26-MAR-2022:00:00:00 AND 06-APR-2022:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	WISE0350-5658	RA: 03 50 0.2400 (57.5010000d) Dec: -56 58 32.29 (-56.97564d) Equinox: J2000	Proper Motion RA: -216.5 mas/yr Proper Motion Dec: -579.0 mas/yr Epoch of Position: 2014.0	V=(?) J=22.09, H=22.51	Reference Frame: ICRS
<i>Comments:</i> Category=STAR Description=[BROWN DWARF]						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(2) WISE0350-5658	WISE0350-5658	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7.16		302.938471 Secs (302.938 Secs) [==>]	[1]
	2	(2) WISE0350-5658	WISE0350-5658	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -3.59,3.65		302.938471 Secs (302.938 Secs) [==>]	[1]
	3	(2) WISE0350-5658	WISE0350-5658	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3.57		302.938471 Secs (302.938 Secs) [==>]	[1]
	4	(2) WISE0350-5658	WISE0350-5658	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.30		302.938471 Secs (302.938 Secs) [==>]	[1]
	5	(2) WISE0350-5658	WISE0350-5658	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1.73		302.938471 Secs (302.938 Secs) [==>]	[1]
	6	(2) WISE0350-5658	WISE0350-5658	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5.45		302.938471 Secs (302.938 Secs) [==>]	[1]
	7	(2) WISE0350-5658	WISE0350-5658	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.50		302.938471 Secs (302.938 Secs) [==>]	[1]
	8	(2) WISE0350-5658	WISE0350-5658	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.89		302.938471 Secs (302.938 Secs) [==>]	[1]



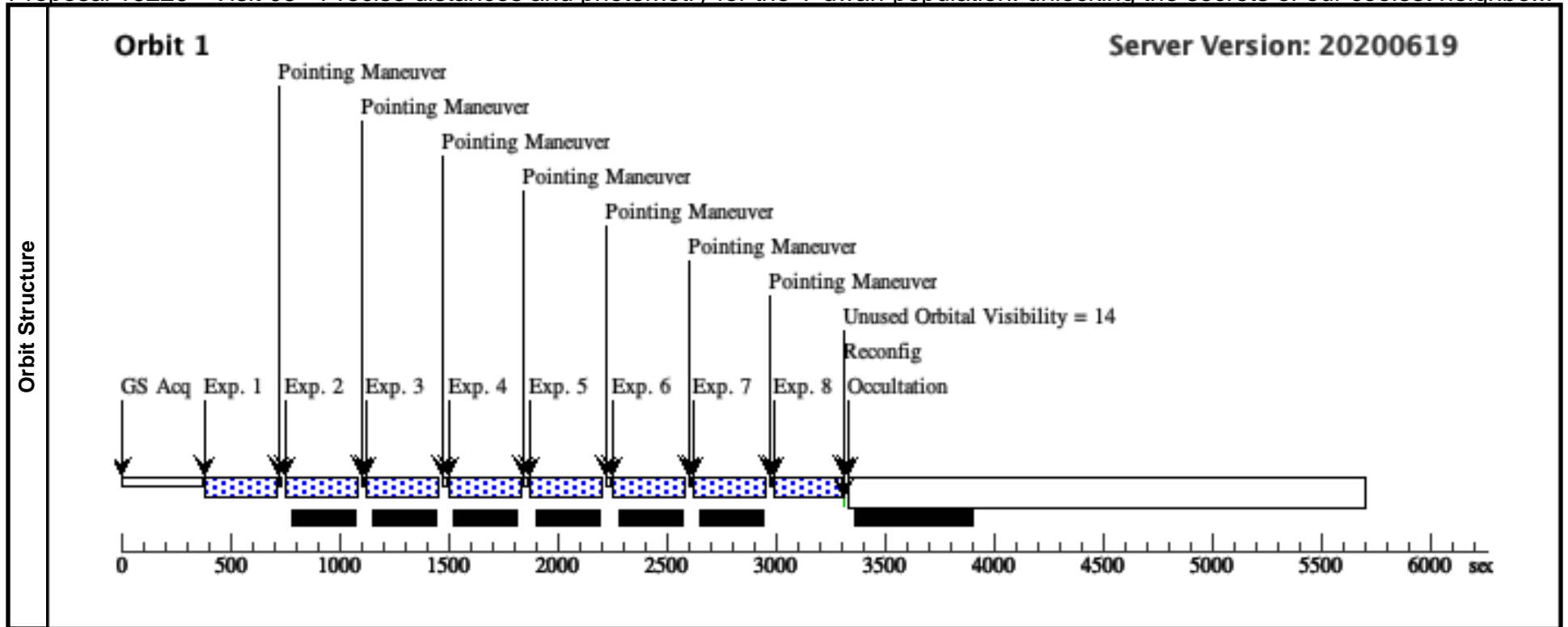
Proposal 16229 - Visit 05 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:56 GMT 2021

Visit	Proposal 16229, Visit 05, scheduled				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 28-APR-2021:00:00:00 AND 09-MAY-2021:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	WISE0359-5401	RA: 03 59 34.0378 (59.8918242d) Dec: -54 01 57.04 (-54.03251d) Equinox: J2000	Proper Motion RA: -143.0 mas/yr Proper Motion Dec: -774.8 mas/yr Epoch of Position: 2014.0	V=(?) J=21.53, H=21.72	Reference Frame: ICRS
<i>Comments:</i> Category=STAR Description=[BROWN DWARF]						

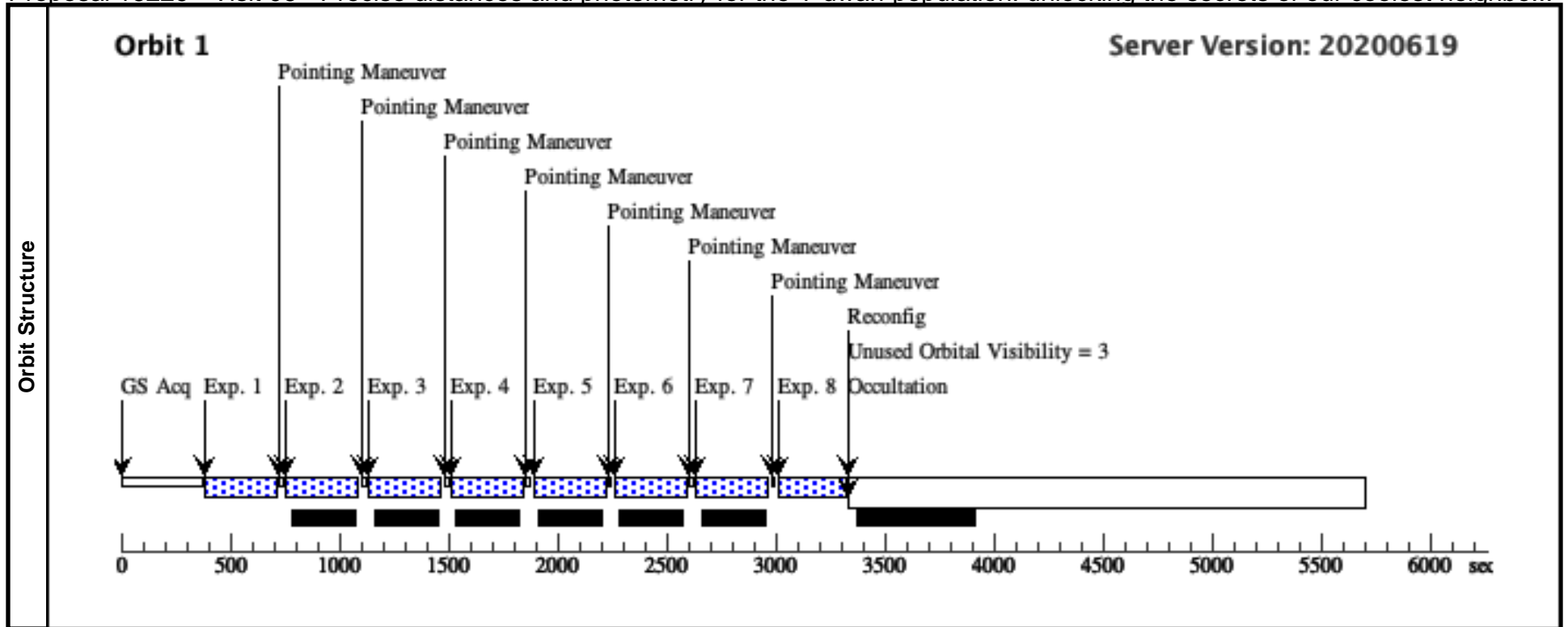
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(3) WISE0359-5401	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1.73	Sequence 1-8 Non-Int in Visit 05	302.938471 Secs (302.938 Secs) [==>]	[1]
	2	(3) WISE0359-5401	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5.45	Sequence 1-8 Non-Int in Visit 05	302.938471 Secs (302.938 Secs) [==>]	[1]
	3	(3) WISE0359-5401	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7.16	Sequence 1-8 Non-Int in Visit 05	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	(3) WISE0359-5401	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -3.59,3.65	Sequence 1-8 Non-Int in Visit 05	302.938471 Secs (302.938 Secs) [==>]	[1]
	5	(3) WISE0359-5401	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3.57	Sequence 1-8 Non-Int in Visit 05	302.938471 Secs (302.938 Secs) [==>]	[1]
	6	(3) WISE0359-5401	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.30	Sequence 1-8 Non-Int in Visit 05	302.938471 Secs (302.938 Secs) [==>]	[1]
	7	(3) WISE0359-5401	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.50	Sequence 1-8 Non-Int in Visit 05	302.938471 Secs (302.938 Secs) [==>]	[1]
	8	(3) WISE0359-5401	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.89	Sequence 1-8 Non-Int in Visit 05	277.937956 Secs (277.938 Secs) [==>]	[1]



Proposal 16229 - Visit 06 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:57 GMT 2021

Visit	Proposal 16229, Visit 06, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: BETWEEN 10-AUG-2021:00:00:00 AND 21-AUG-2021:00:00:00																																																																																										
	Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous (3) WISE0359-5401 RA: 03 59 34.0378 (59.8918242d) Dec: -54 01 57.04 (-54.03251d) Equinox: J2000 Proper Motion RA: -143.0 mas/yr Proper Motion Dec: -774.8 mas/yr Epoch of Position: 2014.0 V=(?) J=21.53, H=21.72 Reference Frame: ICRS Comments: Category=STAR Description=[BROWN DWARF]																																																																																									
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</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>(3)</td> <td>WISE0359-5401</td> <td>WFC3/IR, MULTIACCUM, IR</td> <td>F160W</td> <td>NSAMP=13; SAMP-SEQ=SPAR S25</td> <td>POS TARG -7.24,-7. 16</td> <td></td> <td>302.938471 Secs (302.938 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(3)</td> <td>WISE0359-5401</td> <td>WFC3/IR, MULTIACCUM, IR</td> <td>F160W</td> <td>NSAMP=13; SAMP-SEQ=SPAR S25</td> <td>POS TARG -3.59,3. 65</td> <td></td> <td>302.938471 Secs (302.938 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(3)</td> <td>WISE0359-5401</td> <td>WFC3/IR, MULTIACCUM, IR</td> <td>F160W</td> <td>NSAMP=13; SAMP-SEQ=SPAR S25</td> <td>POS TARG 3.69,-3. 57</td> <td></td> <td>302.938471 Secs (302.938 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(3)</td> <td>WISE0359-5401</td> <td>WFC3/IR, MULTIACCUM, IR</td> <td>F160W</td> <td>NSAMP=13; SAMP-SEQ=SPAR S25</td> <td>POS TARG 7.34,7.3 0</td> <td></td> <td>302.938471 Secs (302.938 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(3)</td> <td>WISE0359-5401</td> <td>WFC3/IR, MULTIACCUM, IR</td> <td>F160W</td> <td>NSAMP=13; SAMP-SEQ=SPAR S25</td> <td>POS TARG -5.34,-1. 73</td> <td></td> <td>302.938471 Secs (302.938 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>6</td> <td>(3)</td> <td>WISE0359-5401</td> <td>WFC3/IR, MULTIACCUM, IR</td> <td>F160W</td> <td>NSAMP=13; SAMP-SEQ=SPAR S25</td> <td>POS TARG -1.69,-5. 45</td> <td></td> <td>302.938471 Secs (302.938 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>7</td> <td>(3)</td> <td>WISE0359-5401</td> <td>WFC3/IR, MULTIACCUM, IR</td> <td>F160W</td> <td>NSAMP=13; SAMP-SEQ=SPAR S25</td> <td>POS TARG 1.83,5.5 0</td> <td></td> <td>302.938471 Secs (302.938 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>8</td> <td>(3)</td> <td>WISE0359-5401</td> <td>WFC3/IR, MULTIACCUM, IR</td> <td>F160W</td> <td>NSAMP=12; SAMP-SEQ=SPAR S25</td> <td>POS TARG 5.52,1.8 9</td> <td></td> <td>277.937956 Secs (277.938 Secs) [==>]</td> <td>[1]</td> </tr> </tbody> </table>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(3)	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7. 16		302.938471 Secs (302.938 Secs) [==>]	[1]	2	(3)	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -3.59,3. 65		302.938471 Secs (302.938 Secs) [==>]	[1]	3	(3)	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3. 57		302.938471 Secs (302.938 Secs) [==>]	[1]	4	(3)	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.3 0		302.938471 Secs (302.938 Secs) [==>]	[1]	5	(3)	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1. 73		302.938471 Secs (302.938 Secs) [==>]	[1]	6	(3)	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5. 45		302.938471 Secs (302.938 Secs) [==>]	[1]	7	(3)	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.5 0		302.938471 Secs (302.938 Secs) [==>]	[1]	8	(3)	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.8 9		277.937956 Secs (277.938 Secs) [==>]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																																																		
1	(3)	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7. 16		302.938471 Secs (302.938 Secs) [==>]	[1]																																																																																		
2	(3)	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -3.59,3. 65		302.938471 Secs (302.938 Secs) [==>]	[1]																																																																																		
3	(3)	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3. 57		302.938471 Secs (302.938 Secs) [==>]	[1]																																																																																		
4	(3)	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.3 0		302.938471 Secs (302.938 Secs) [==>]	[1]																																																																																		
5	(3)	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1. 73		302.938471 Secs (302.938 Secs) [==>]	[1]																																																																																		
6	(3)	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5. 45		302.938471 Secs (302.938 Secs) [==>]	[1]																																																																																		
7	(3)	WISE0359-5401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.5 0		302.938471 Secs (302.938 Secs) [==>]	[1]																																																																																		
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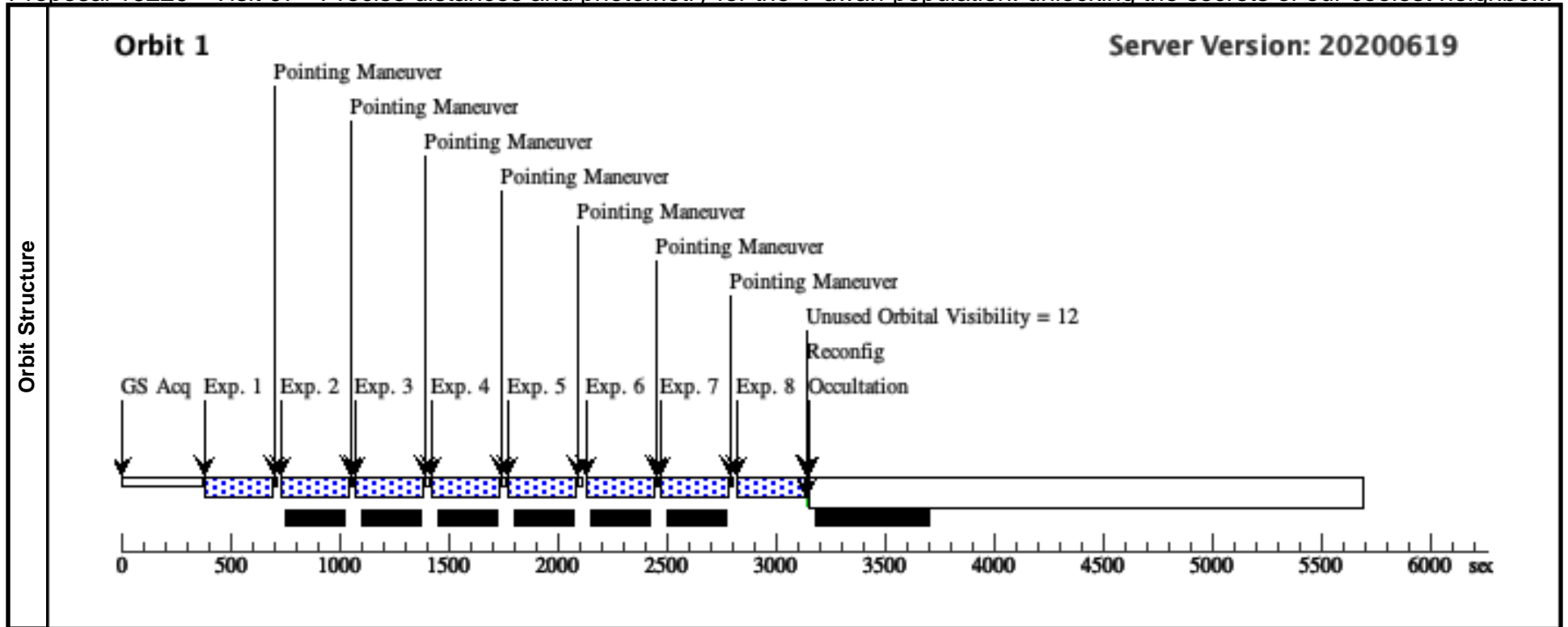
Proposal 16229 - Visit 07 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:57 GMT 2021

Visit	Proposal 16229, Visit 07, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: BETWEEN 01-SEP-2020:00:00:00 AND 15-SEP-2020:00:00:00; BETWEEN 01-SEP-2021:00:00:00 AND 15-SEP-2021:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	WISE0410+1502	RA: 04 10 23.0047 (62.5958529d) Dec: +15 02 39.90 (15.04442d) Equinox: J2000	Proper Motion RA: 954.2 mas/yr Proper Motion Dec: -2213.3 mas/yr Epoch of Position: 2014.0	V=(?) J=19.44, H=20.02	Reference Frame: ICRS
Comments: Category=STAR Description=[BROWN DWARF]						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(4) WISE0410+1502	WISE0410+1502	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1.73	Sequence 1-8 Non-Int in Visit 07	277.937956 Secs (277.938 Secs) [==>]	[1]
	2	(4) WISE0410+1502	WISE0410+1502	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5.45	Sequence 1-8 Non-Int in Visit 07	277.937956 Secs (277.938 Secs) [==>]	[1]
	3	(4) WISE0410+1502	WISE0410+1502	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7.16	Sequence 1-8 Non-Int in Visit 07	277.937956 Secs (277.938 Secs) [==>]	[1]
	4	(4) WISE0410+1502	WISE0410+1502	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -3.59,3.65	Sequence 1-8 Non-Int in Visit 07	277.937956 Secs (277.938 Secs) [==>]	[1]
	5	(4) WISE0410+1502	WISE0410+1502	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3.57	Sequence 1-8 Non-Int in Visit 07	277.937956 Secs (277.938 Secs) [==>]	[1]
	6	(4) WISE0410+1502	WISE0410+1502	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.30	Sequence 1-8 Non-Int in Visit 07	277.937956 Secs (277.938 Secs) [==>]	[1]
	7	(4) WISE0410+1502	WISE0410+1502	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.50	Sequence 1-8 Non-Int in Visit 07	277.937956 Secs (277.938 Secs) [==>]	[1]
	8	(4) WISE0410+1502	WISE0410+1502	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.89	Sequence 1-8 Non-Int in Visit 07	277.937956 Secs (277.938 Secs) [==>]	[1]



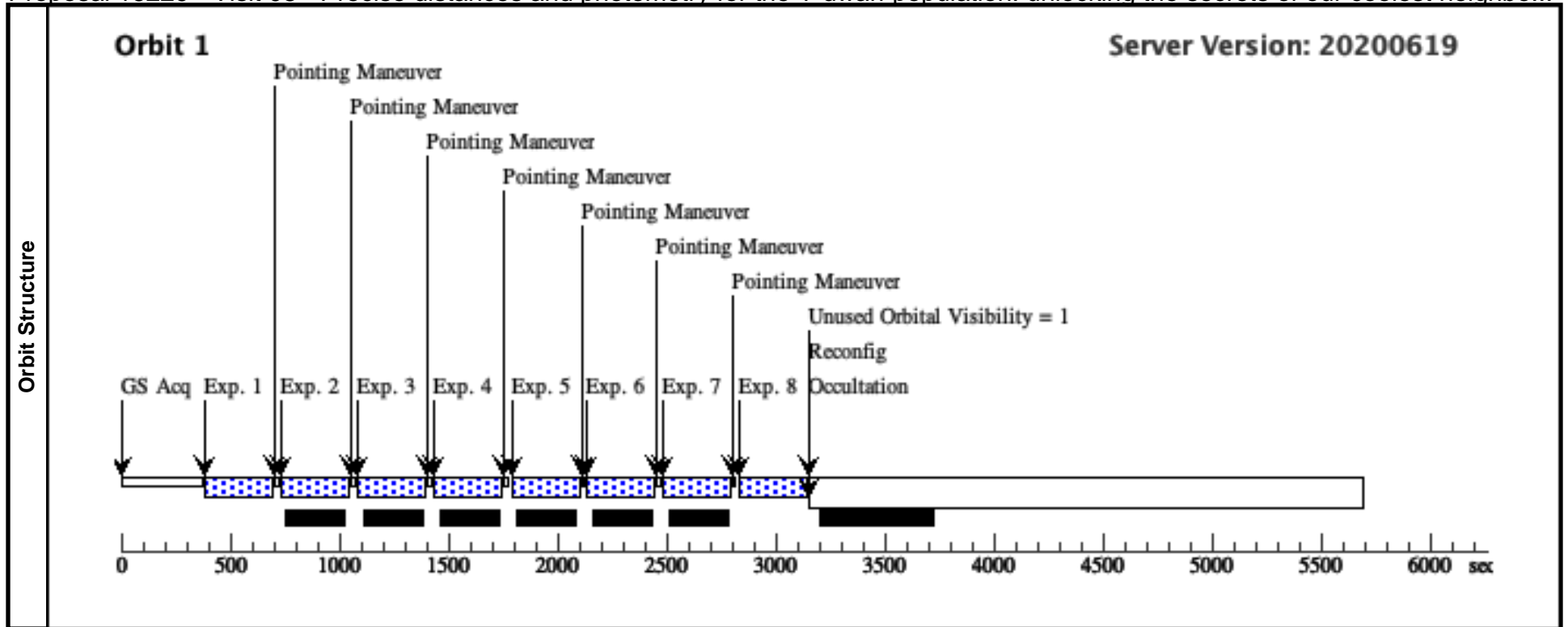
Proposal 16229 - Visit 08 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:57 GMT 2021

Visit	Proposal 16229, Visit 08, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: BETWEEN 23-FEB-2021:00:00:00 AND 06-MAR-2021:00:00:00; BETWEEN 23-FEB-2022:00:00:00 AND 06-MAR-2022:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	WISE0410+1502	RA: 04 10 23.0047 (62.5958529d) Dec: +15 02 39.90 (15.04442d) Equinox: J2000	Proper Motion RA: 954.2 mas/yr Proper Motion Dec: -2213.3 mas/yr Epoch of Position: 2014.0	V=(?) J=19.44, H=20.02	Reference Frame: ICRS
Comments: Category=STAR Description=[BROWN DWARF]						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(4) WISE0410+1502	WISE0410+1502	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7. 16		277.937956 Secs (277.938 Secs) [==>]	[1]
	2	(4) WISE0410+1502	WISE0410+1502	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -3.59,3. 65		277.937956 Secs (277.938 Secs) [==>]	[1]
	3	(4) WISE0410+1502	WISE0410+1502	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3. 57		277.937956 Secs (277.938 Secs) [==>]	[1]
	4	(4) WISE0410+1502	WISE0410+1502	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.3 0		277.937956 Secs (277.938 Secs) [==>]	[1]
	5	(4) WISE0410+1502	WISE0410+1502	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1. 73		277.937956 Secs (277.938 Secs) [==>]	[1]
	6	(4) WISE0410+1502	WISE0410+1502	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5. 45		277.937956 Secs (277.938 Secs) [==>]	[1]
	7	(4) WISE0410+1502	WISE0410+1502	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.5 0		277.937956 Secs (277.938 Secs) [==>]	[1]
	8	(4) WISE0410+1502	WISE0410+1502	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.8 9		277.937956 Secs (277.938 Secs) [==>]	[1]



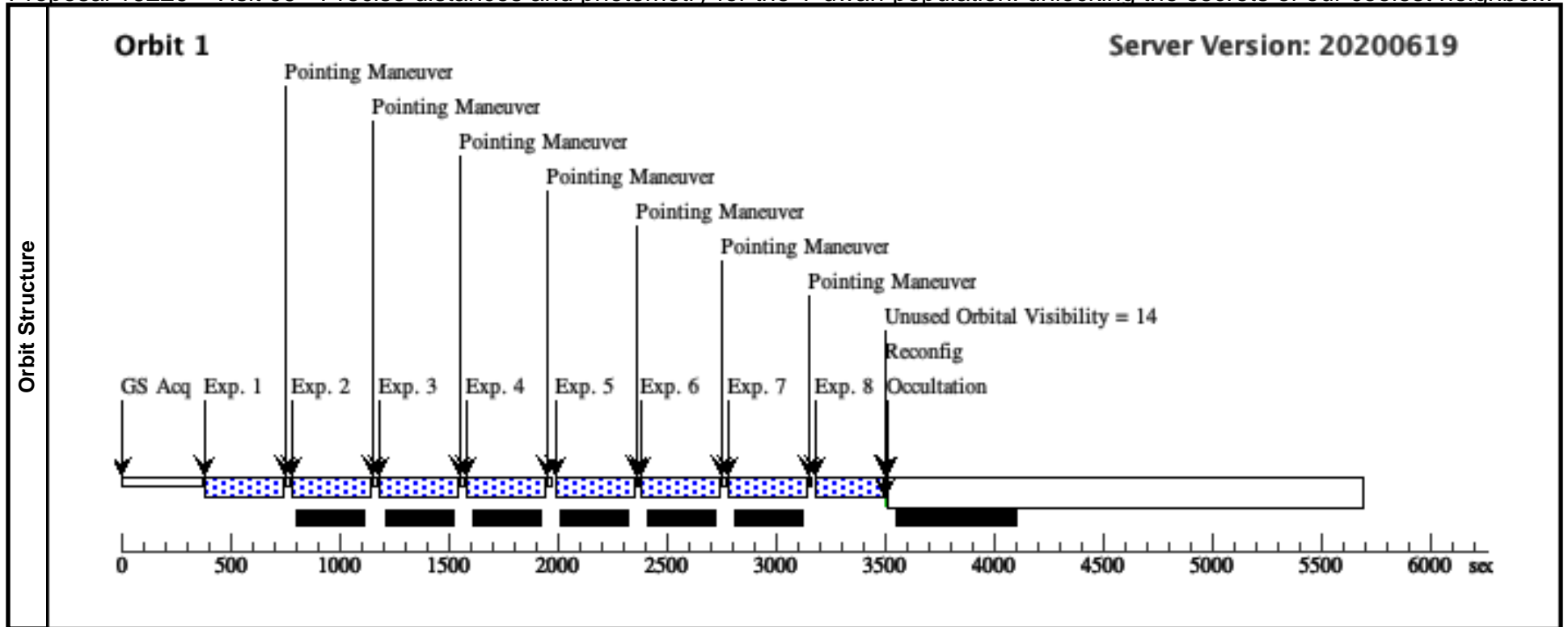
Proposal 16229 - Visit 09 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:57 GMT 2021

Visit	Proposal 16229, Visit 09, failed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 11-MAR-2021:00:00:00 AND 30-APR-2021:00:00:00; BETWEEN 11-MAR-2022:00:00:00 AND 31-MAR-2022:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	WISE0535-7500	RA: 05 35 16.6754 (83.8194808d) Dec: -75 00 24.25 (-75.00674d) Equinox: J2000	Proper Motion RA: -123.7 mas/yr Proper Motion Dec: 19.6 mas/yr Epoch of Position: 2014.0	V=(?) J=22.50, H=23.34	Reference Frame: ICRS
<i>Comments:</i> Category=STAR Description=[BROWN DWARF]						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(5) WISE0535-7500	WISE0535-7500	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7. 16		327.938986 Secs (327.939 Secs) [==>]	[1]
	2	(5) WISE0535-7500	WISE0535-7500	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -3.59,3. 65		327.938986 Secs (327.939 Secs) [==>]	[1]
	3	(5) WISE0535-7500	WISE0535-7500	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3. 57		327.938986 Secs (327.939 Secs) [==>]	[1]
	4	(5) WISE0535-7500	WISE0535-7500	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.3 0		327.938986 Secs (327.939 Secs) [==>]	[1]
	5	(5) WISE0535-7500	WISE0535-7500	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1. 73		327.938986 Secs (327.939 Secs) [==>]	[1]
	6	(5) WISE0535-7500	WISE0535-7500	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5. 45		327.938986 Secs (327.939 Secs) [==>]	[1]
	7	(5) WISE0535-7500	WISE0535-7500	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.5 0		327.938986 Secs (327.939 Secs) [==>]	[1]
	8	(5) WISE0535-7500	WISE0535-7500	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.8 9		277.937956 Secs (277.938 Secs) [==>]	[1]



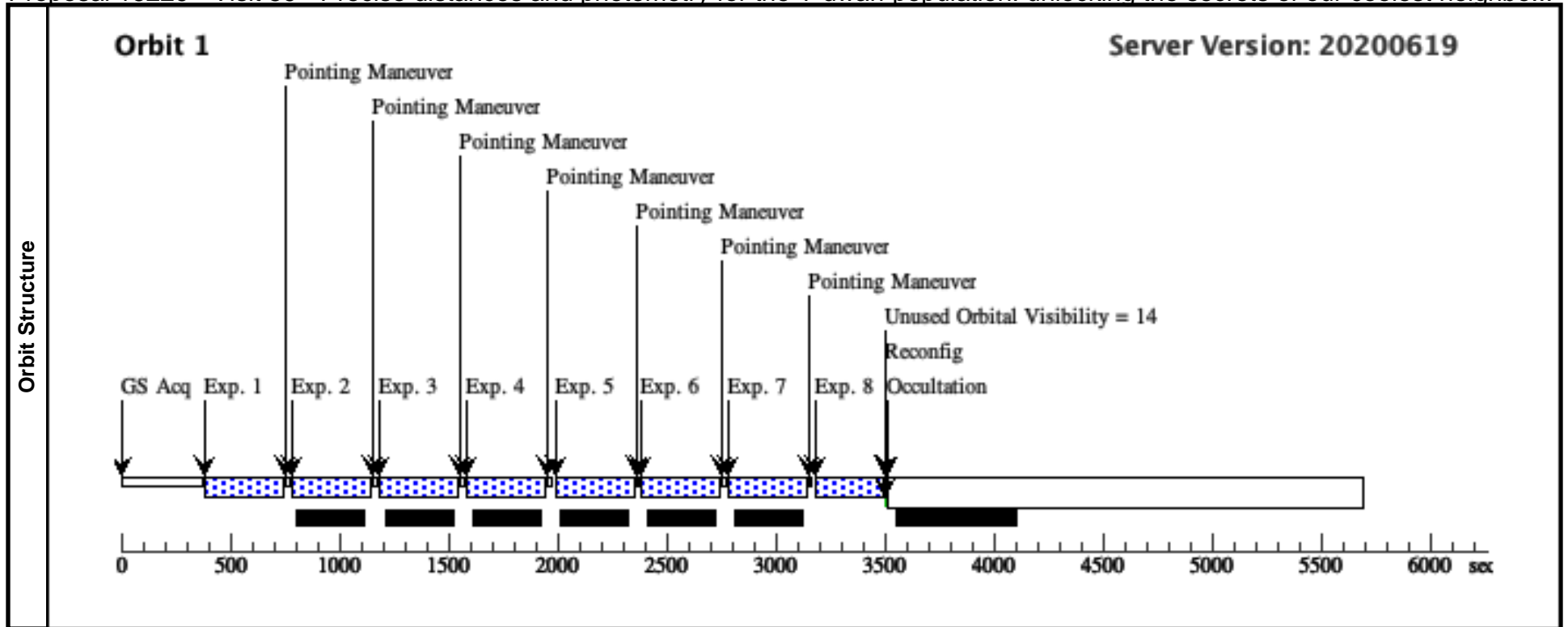
Proposal 16229 - Visit 59 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:57 GMT 2021

Visit	Proposal 16229, Visit 59				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 01-MAY-2021:00:00:00 AND 31-MAY-2021:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	WISE0535-7500	RA: 05 35 16.6754 (83.8194808d) Dec: -75 00 24.25 (-75.00674d) Equinox: J2000	Proper Motion RA: -123.7 mas/yr Proper Motion Dec: 19.6 mas/yr Epoch of Position: 2014.0	V=(?) J=22.50, H=23.34	Reference Frame: ICRS
<i>Comments:</i>						
<i>Category=STAR</i>						
<i>Description=[BROWN DWARF]</i>						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(5) WISE0535-7500	WISE0535-7500	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7. 16		327.938986 Secs (327.939 Secs) [==>]	[1]
	2	(5) WISE0535-7500	WISE0535-7500	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -3.59,3. 65		327.938986 Secs (327.939 Secs) [==>]	[1]
	3	(5) WISE0535-7500	WISE0535-7500	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3. 57		327.938986 Secs (327.939 Secs) [==>]	[1]
	4	(5) WISE0535-7500	WISE0535-7500	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.3 0		327.938986 Secs (327.939 Secs) [==>]	[1]
	5	(5) WISE0535-7500	WISE0535-7500	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1. 73		327.938986 Secs (327.939 Secs) [==>]	[1]
	6	(5) WISE0535-7500	WISE0535-7500	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5. 45		327.938986 Secs (327.939 Secs) [==>]	[1]
	7	(5) WISE0535-7500	WISE0535-7500	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.5 0		327.938986 Secs (327.939 Secs) [==>]	[1]
	8	(5) WISE0535-7500	WISE0535-7500	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.8 9		277.937956 Secs (277.938 Secs) [==>]	[1]



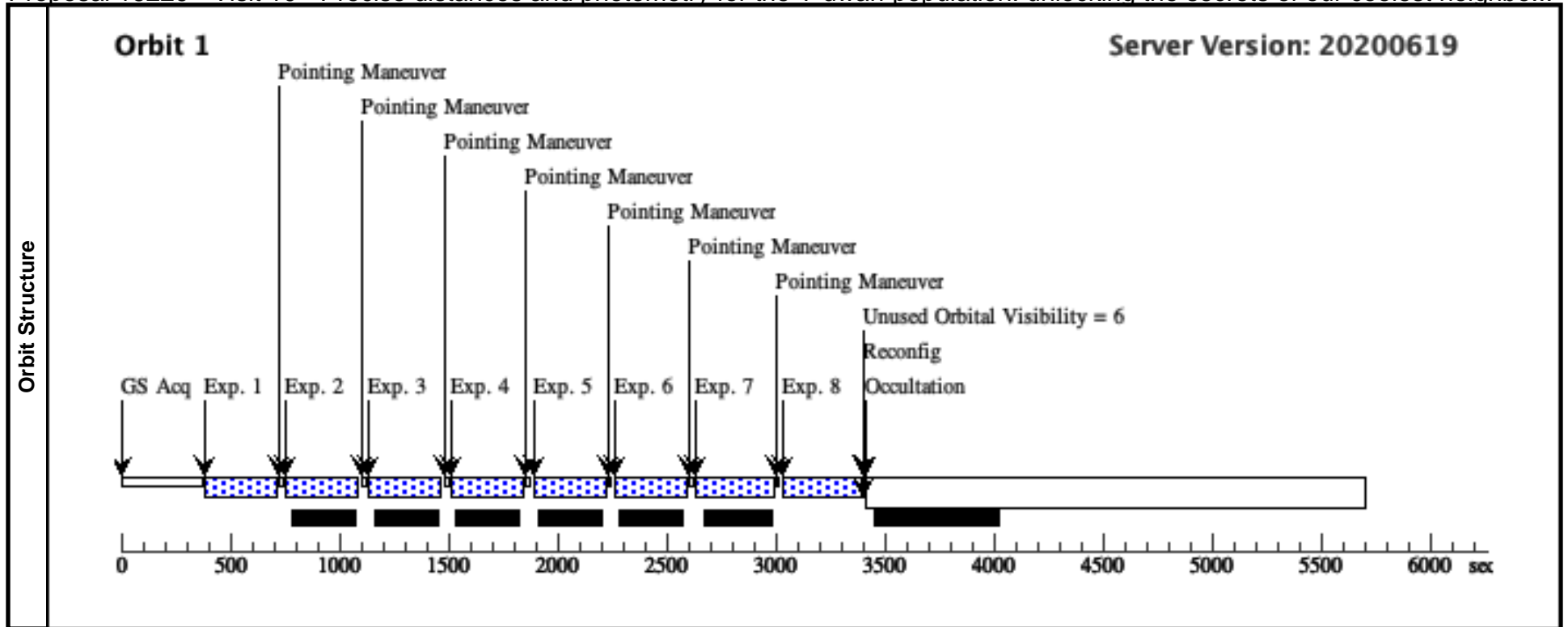
Proposal 16229 - Visit 10 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:57 GMT 2021

Visit	Proposal 16229, Visit 10, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 08-MAY-2021:00:00:00 AND 19-MAY-2021:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	WISE0647-6232	RA: 06 47 23.2308 (101.8467950d) Dec: -62 32 34.18 (-62.54283d) Equinox: J2000	Proper Motion RA: 2.2 mas/yr Proper Motion Dec: 387.9 mas/yr Epoch of Position: 2014.0	V=(?) J=22.94, H=23.11	Reference Frame: ICRS
<i>Comments:</i> Category=STAR Description=[BROWN DWARF]						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(6) WISE0647-6232	(6) WISE0647-6232	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7.16		302.938471 Secs (302.938 Secs) [==>]	[1]
	2	(6) WISE0647-6232	(6) WISE0647-6232	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -3.59,3.65		302.938471 Secs (302.938 Secs) [==>]	[1]
	3	(6) WISE0647-6232	(6) WISE0647-6232	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3.57		302.938471 Secs (302.938 Secs) [==>]	[1]
	4	(6) WISE0647-6232	(6) WISE0647-6232	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.30		302.938471 Secs (302.938 Secs) [==>]	[1]
	5	(6) WISE0647-6232	(6) WISE0647-6232	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1.73		302.938471 Secs (302.938 Secs) [==>]	[1]
	6	(6) WISE0647-6232	(6) WISE0647-6232	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5.45		302.938471 Secs (302.938 Secs) [==>]	[1]
	7	(6) WISE0647-6232	(6) WISE0647-6232	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.50		327.938986 Secs (327.939 Secs) [==>]	[1]
	8	(6) WISE0647-6232	(6) WISE0647-6232	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.89		327.938986 Secs (327.939 Secs) [==>]	[1]



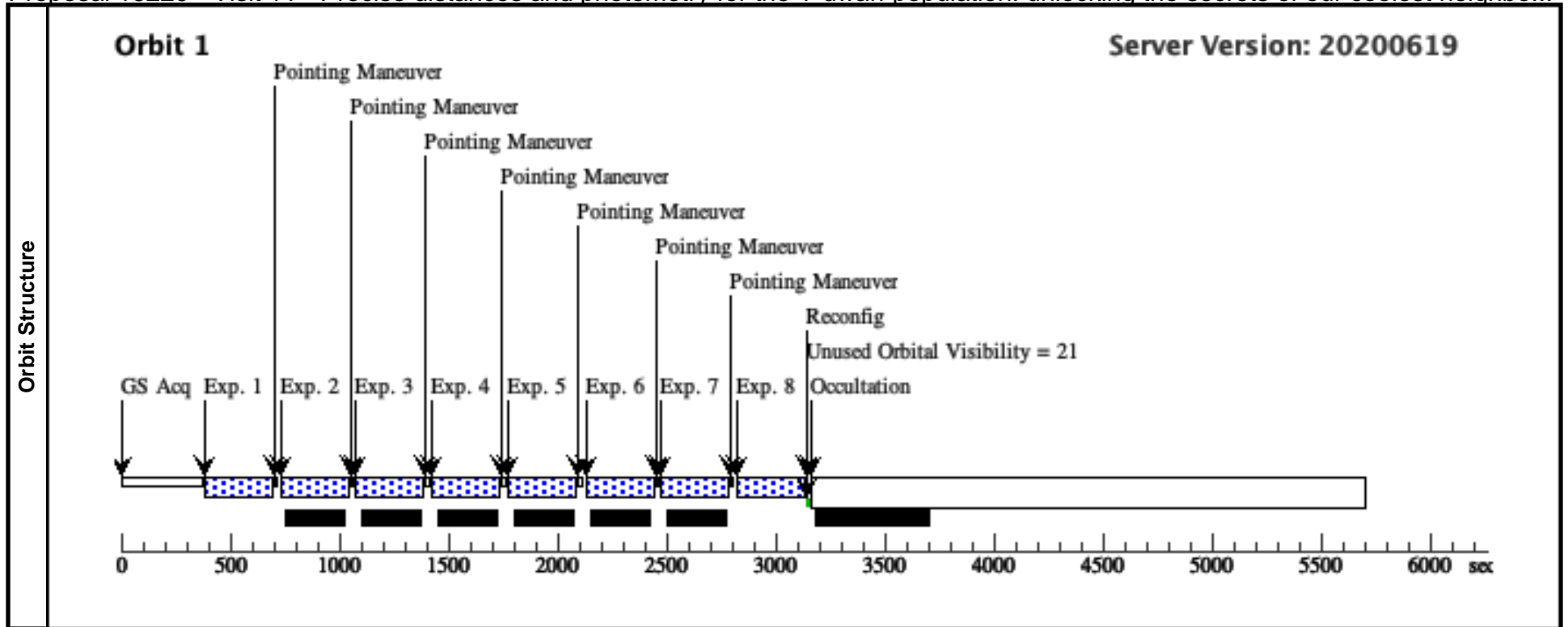
Proposal 16229 - Visit 11 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:57 GMT 2021

Visit	Proposal 16229, Visit 11, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 08-OCT-2020:00:00:00 AND 22-OCT-2020:00:00:00; BETWEEN 08-OCT-2021:00:00:00 AND 22-OCT-2021:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	WISE0713-2917	RA: 07 13 22.6596 (108.3444150d) Dec: -29 17 53.48 (-29.29819d) Equinox: J2000	Proper Motion RA: 356.5 mas/yr Proper Motion Dec: -413.8 mas/yr Epoch of Position: 2014.0	V=(?) J=19.98, H=20.19	Reference Frame: ICRS
<i>Comments:</i> Category=STAR Description=[BROWN DWARF]						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1.73	Sequence 1-8 Non-Int in Visit 11	277.937956 Secs (277.938 Secs) [==>]	[1]
	2	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5.45	Sequence 1-8 Non-Int in Visit 11	277.937956 Secs (277.938 Secs) [==>]	[1]
	3	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7.16	Sequence 1-8 Non-Int in Visit 11	277.937956 Secs (277.938 Secs) [==>]	[1]
	4	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -3.59,3.65	Sequence 1-8 Non-Int in Visit 11	277.937956 Secs (277.938 Secs) [==>]	[1]
	5	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3.57	Sequence 1-8 Non-Int in Visit 11	277.937956 Secs (277.938 Secs) [==>]	[1]
	6	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.30	Sequence 1-8 Non-Int in Visit 11	277.937956 Secs (277.938 Secs) [==>]	[1]
	7	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.50	Sequence 1-8 Non-Int in Visit 11	277.937956 Secs (277.938 Secs) [==>]	[1]
	8	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.89	Sequence 1-8 Non-Int in Visit 11	277.937956 Secs (277.938 Secs) [==>]	[1]



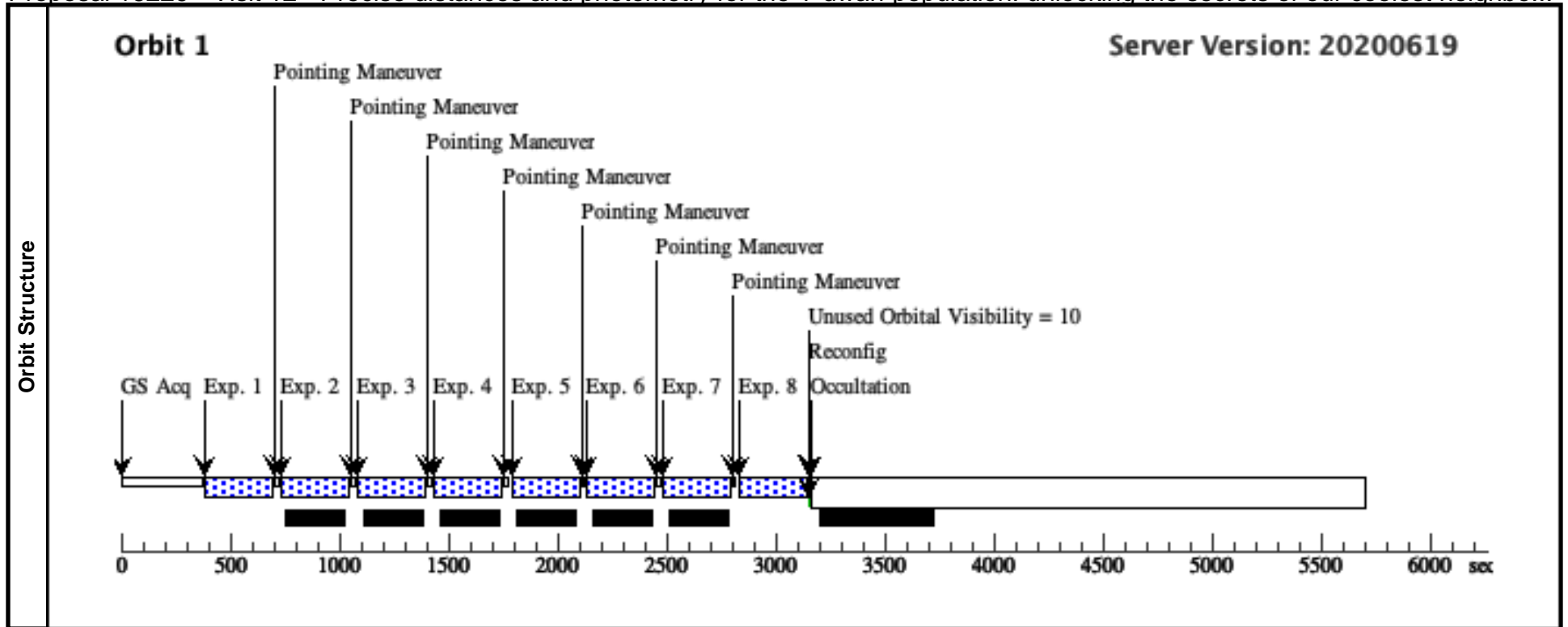
Proposal 16229 - Visit 12 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:57 GMT 2021

Visit	Proposal 16229, Visit 12, failed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 11-APR-2021:00:00:00 AND 22-APR-2021:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	WISE0713-2917	RA: 07 13 22.6596 (108.3444150d) Dec: -29 17 53.48 (-29.29819d) Equinox: J2000	Proper Motion RA: 356.5 mas/yr Proper Motion Dec: -413.8 mas/yr Epoch of Position: 2014.0	V=(?) J=19.98, H=20.19	Reference Frame: ICRS
	<i>Comments:</i>					
	<i>Category=STAR</i> <i>Description=[BROWN DWARF]</i>					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7.16		277.937956 Secs (277.938 Secs) [==>]	[1]
	2	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -3.59,3.65		277.937956 Secs (277.938 Secs) [==>]	[1]
	3	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3.57		277.937956 Secs (277.938 Secs) [==>]	[1]
	4	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.30		277.937956 Secs (277.938 Secs) [==>]	[1]
	5	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1.73		277.937956 Secs (277.938 Secs) [==>]	[1]
	6	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5.45		277.937956 Secs (277.938 Secs) [==>]	[1]
	7	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.50		277.937956 Secs (277.938 Secs) [==>]	[1]
	8	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.89		277.937956 Secs (277.938 Secs) [==>]	[1]



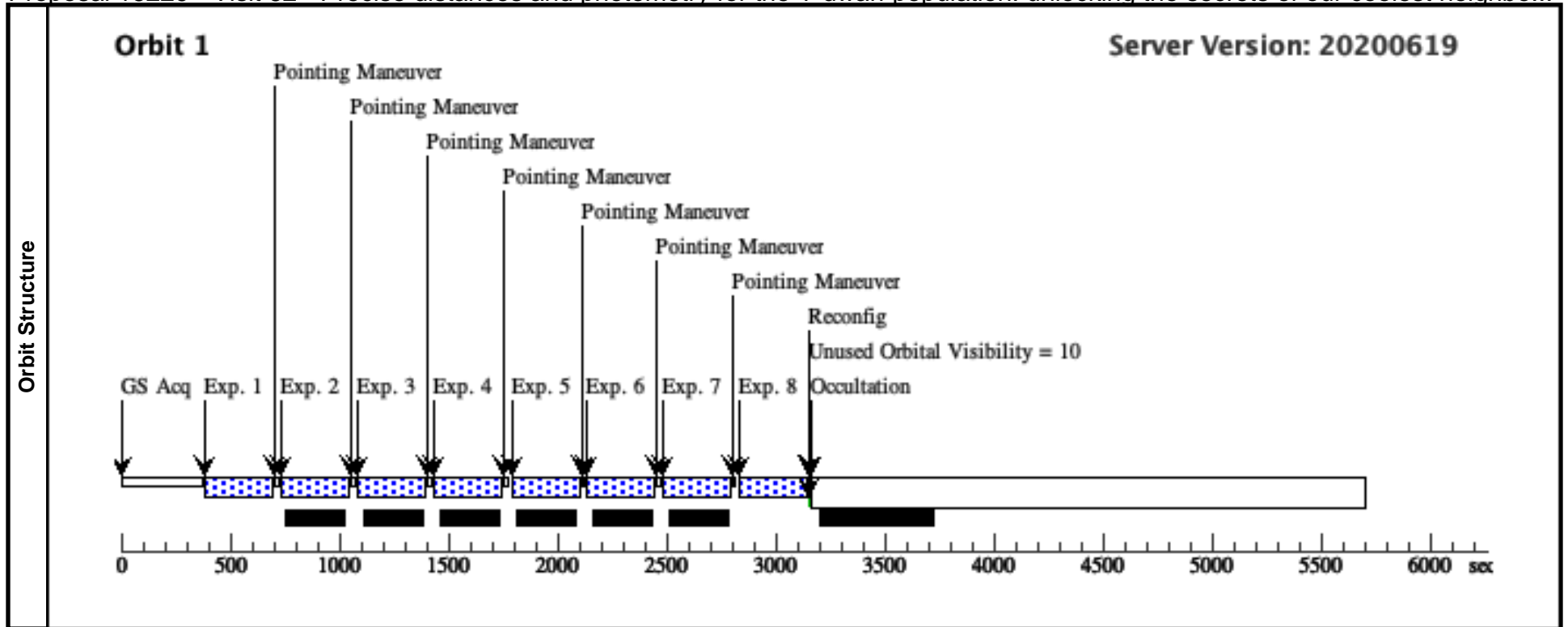
Proposal 16229 - Visit 62 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:57 GMT 2021

Visit	Proposal 16229, Visit 62, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 01-AUG-2021:00:00:00 AND 31-AUG-2021:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	WISE0713-2917	RA: 07 13 22.6596 (108.3444150d) Dec: -29 17 53.48 (-29.29819d) Equinox: J2000	Proper Motion RA: 356.5 mas/yr Proper Motion Dec: -413.8 mas/yr Epoch of Position: 2014.0	V=(?) J=19.98, H=20.19	Reference Frame: ICRS
<i>Comments:</i> Category=STAR Description=[BROWN DWARF]						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7. 16		277.937956 Secs (277.938 Secs) [==>]	[1]
	2	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -3.59,3. 65		277.937956 Secs (277.938 Secs) [==>]	[1]
	3	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3. 57		277.937956 Secs (277.938 Secs) [==>]	[1]
	4	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.3 0		277.937956 Secs (277.938 Secs) [==>]	[1]
	5	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1. 73		277.937956 Secs (277.938 Secs) [==>]	[1]
	6	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5. 45		277.937956 Secs (277.938 Secs) [==>]	[1]
	7	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.5 0		277.937956 Secs (277.938 Secs) [==>]	[1]
	8	(7) WISE0713-2917	WISE0713-2917	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.8 9		277.937956 Secs (277.938 Secs) [==>]	[1]



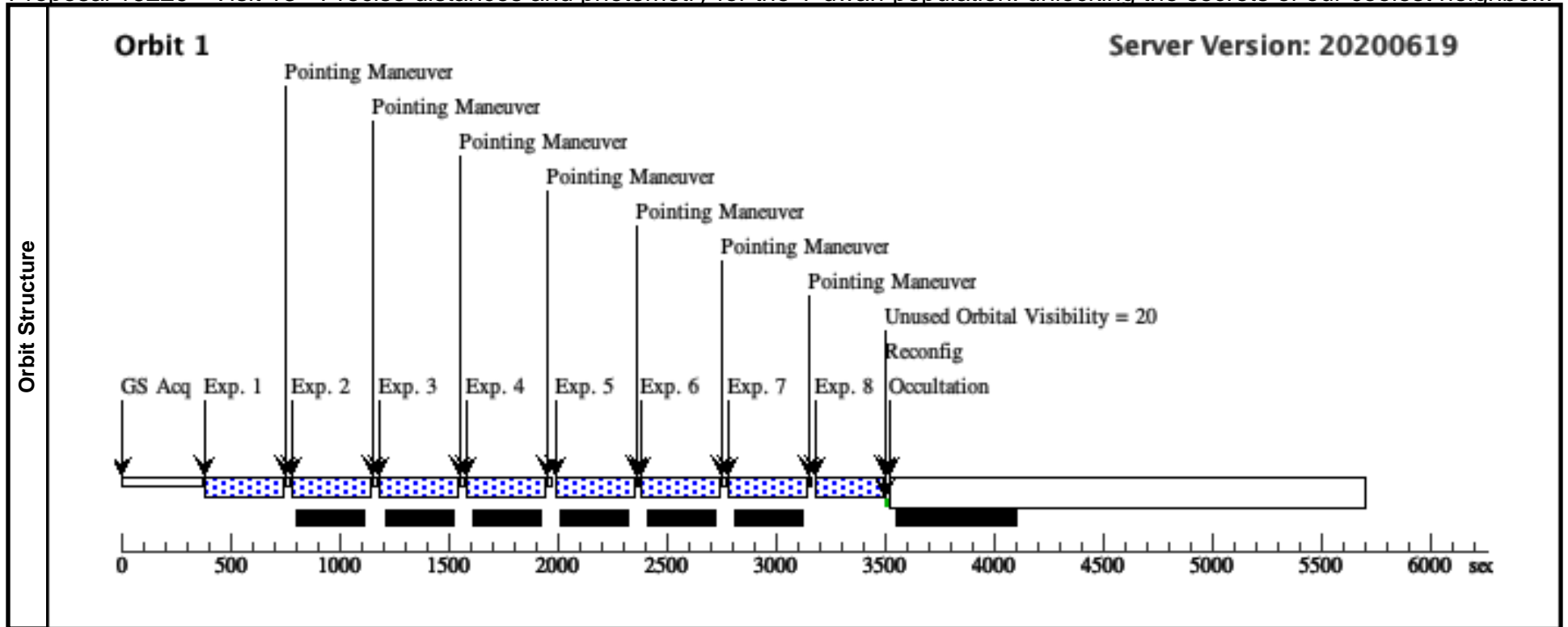
Proposal 16229 - Visit 13 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:57 GMT 2021

Visit	Proposal 16229, Visit 13, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 30-JAN-2021:00:00:00 AND 10-FEB-2021:00:00:00; BETWEEN 30-JAN-2022:00:00:00 AND 10-FEB-2022:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	WISE0734-7157	RA: 07 34 43.5665 (113.6815271d) Dec: -71 57 44.37 (-71.96233d) Equinox: J2000	Proper Motion RA: -565.5 mas/yr Proper Motion Dec: -78.9 mas/yr Epoch of Position: 2014.0	V=(?) J=20.05, H=20.92	Reference Frame: ICRS
<i>Comments:</i> Category=STAR Description=[BROWN DWARF]						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(8) WISE0734-7157	WISE0734-7157	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7.16		327.938986 Secs (327.939 Secs) [==>]	[1]
	2	(8) WISE0734-7157	WISE0734-7157	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -3.59,3.65		327.938986 Secs (327.939 Secs) [==>]	[1]
	3	(8) WISE0734-7157	WISE0734-7157	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3.57		327.938986 Secs (327.939 Secs) [==>]	[1]
	4	(8) WISE0734-7157	WISE0734-7157	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.30		327.938986 Secs (327.939 Secs) [==>]	[1]
	5	(8) WISE0734-7157	WISE0734-7157	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1.73		327.938986 Secs (327.939 Secs) [==>]	[1]
	6	(8) WISE0734-7157	WISE0734-7157	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5.45		327.938986 Secs (327.939 Secs) [==>]	[1]
	7	(8) WISE0734-7157	WISE0734-7157	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.50		327.938986 Secs (327.939 Secs) [==>]	[1]
	8	(8) WISE0734-7157	WISE0734-7157	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.89		277.937956 Secs (277.938 Secs) [==>]	[1]



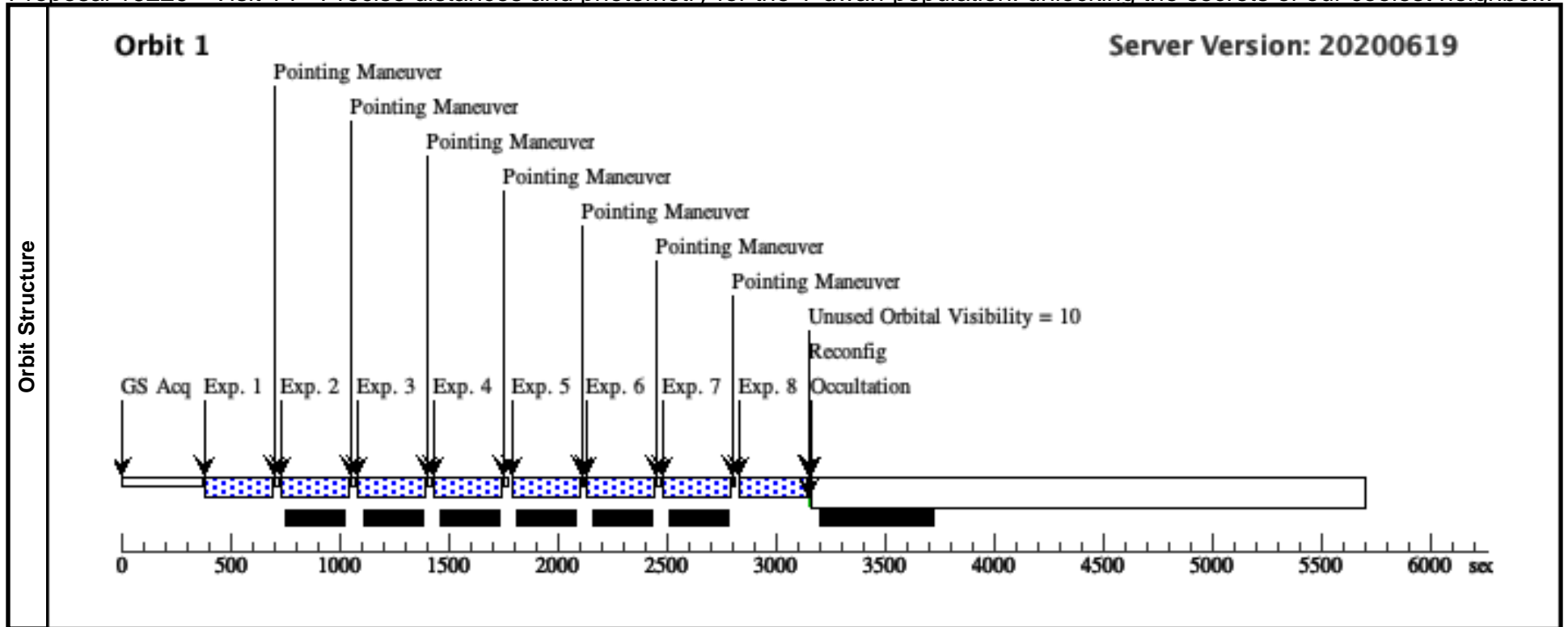
Proposal 16229 - Visit 14 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:57 GMT 2021

Visit	Proposal 16229, Visit 14, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 18-OCT-2020:00:00:00 AND 29-OCT-2020:00:00:00; BETWEEN 18-OCT-2021:00:00:00 AND 29-OCT-2021:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(9)	WISE0825+2805	RA: 08 25 7.3332 (126.2805550d) Dec: +28 05 47.56 (28.09654d) Equinox: J2000	Proper Motion RA: -63.1 mas/yr Proper Motion Dec: -232.8 mas/yr Epoch of Position: 2014.0	V=(?) J=22.40, H=22.97	Reference Frame: ICRS
<i>Comments:</i> Category=STAR Description=[BROWN DWARF]						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(9) WISE0825+2805	WISE0825+2805	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7. 16		277.937956 Secs (277.938 Secs) [==>]	[1]
	2	(9) WISE0825+2805	WISE0825+2805	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -3.59,3. 65		277.937956 Secs (277.938 Secs) [==>]	[1]
	3	(9) WISE0825+2805	WISE0825+2805	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3. 57		277.937956 Secs (277.938 Secs) [==>]	[1]
	4	(9) WISE0825+2805	WISE0825+2805	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.3 0		277.937956 Secs (277.938 Secs) [==>]	[1]
	5	(9) WISE0825+2805	WISE0825+2805	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1. 73		277.937956 Secs (277.938 Secs) [==>]	[1]
	6	(9) WISE0825+2805	WISE0825+2805	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5. 45		277.937956 Secs (277.938 Secs) [==>]	[1]
	7	(9) WISE0825+2805	WISE0825+2805	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.5 0		277.937956 Secs (277.938 Secs) [==>]	[1]
	8	(9) WISE0825+2805	WISE0825+2805	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.8 9		277.937956 Secs (277.938 Secs) [==>]	[1]



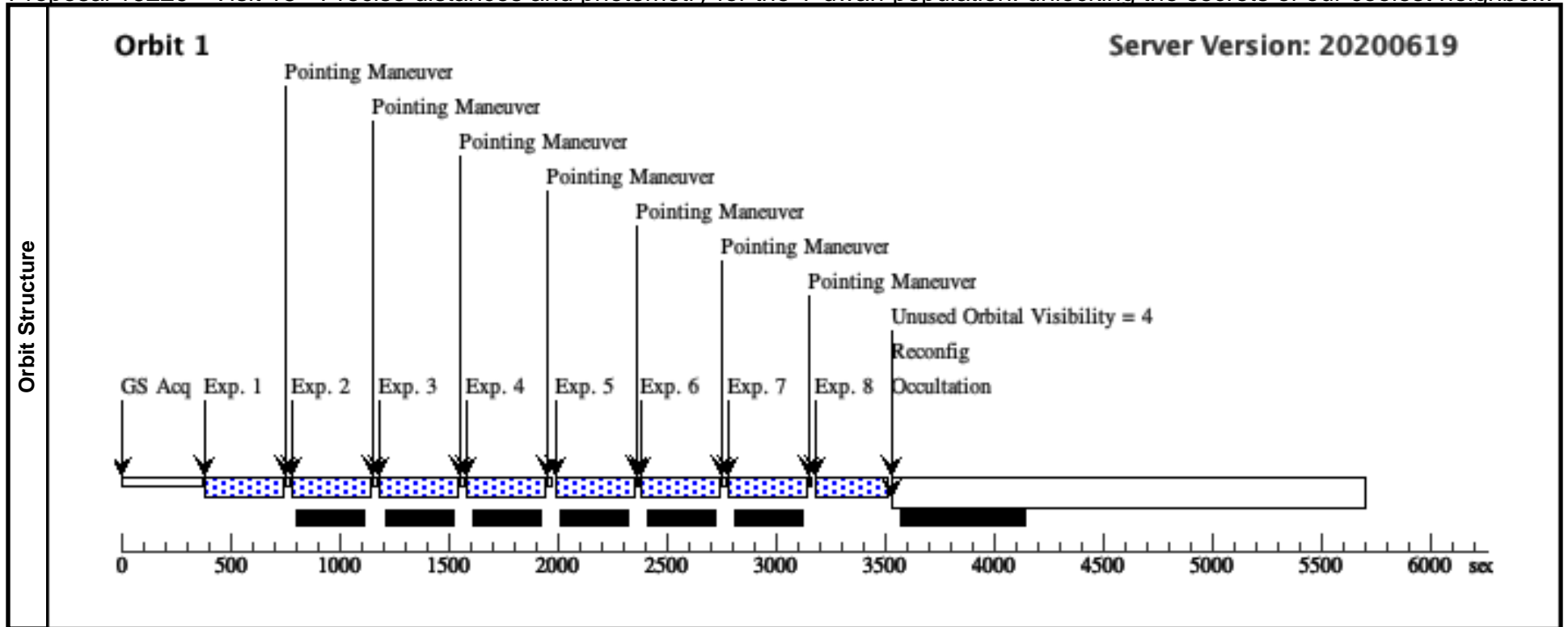
Proposal 16229 - Visit 15 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:57 GMT 2021

Visit	Proposal 16229, Visit 15, failed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 12-OCT-2020:00:00:00 AND 23-OCT-2020:00:00:00; BETWEEN 12-OCT-2021:00:00:00 AND 23-OCT-2021:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(10)	WISE1206+8401	RA: 12 06 3.0077 (181.5125321d) Dec: +84 01 9.42 (84.01928d) Equinox: J2000	Proper Motion RA: -575.0 mas/yr Proper Motion Dec: -255.7 mas/yr Epoch of Position: 2014.0	V=(?) J=20.35, H=21.07	Reference Frame: ICRS
<i>Comments:</i>						
<i>Category=STAR</i>						
<i>Description=[BROWN DWARF]</i>						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(10) WISE1206+8401	(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7.16		327.938986 Secs (327.939 Secs) [==>]	[1]
	2	(10) WISE1206+8401	(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -3.59,3.65		327.938986 Secs (327.939 Secs) [==>]	[1]
	3	(10) WISE1206+8401	(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3.57		327.938986 Secs (327.939 Secs) [==>]	[1]
	4	(10) WISE1206+8401	(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.30		327.938986 Secs (327.939 Secs) [==>]	[1]
	5	(10) WISE1206+8401	(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1.73		327.938986 Secs (327.939 Secs) [==>]	[1]
	6	(10) WISE1206+8401	(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5.45		327.938986 Secs (327.939 Secs) [==>]	[1]
	7	(10) WISE1206+8401	(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.50		327.938986 Secs (327.939 Secs) [==>]	[1]
	8	(10) WISE1206+8401	(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.89		302.938471 Secs (302.938 Secs) [==>]	[1]



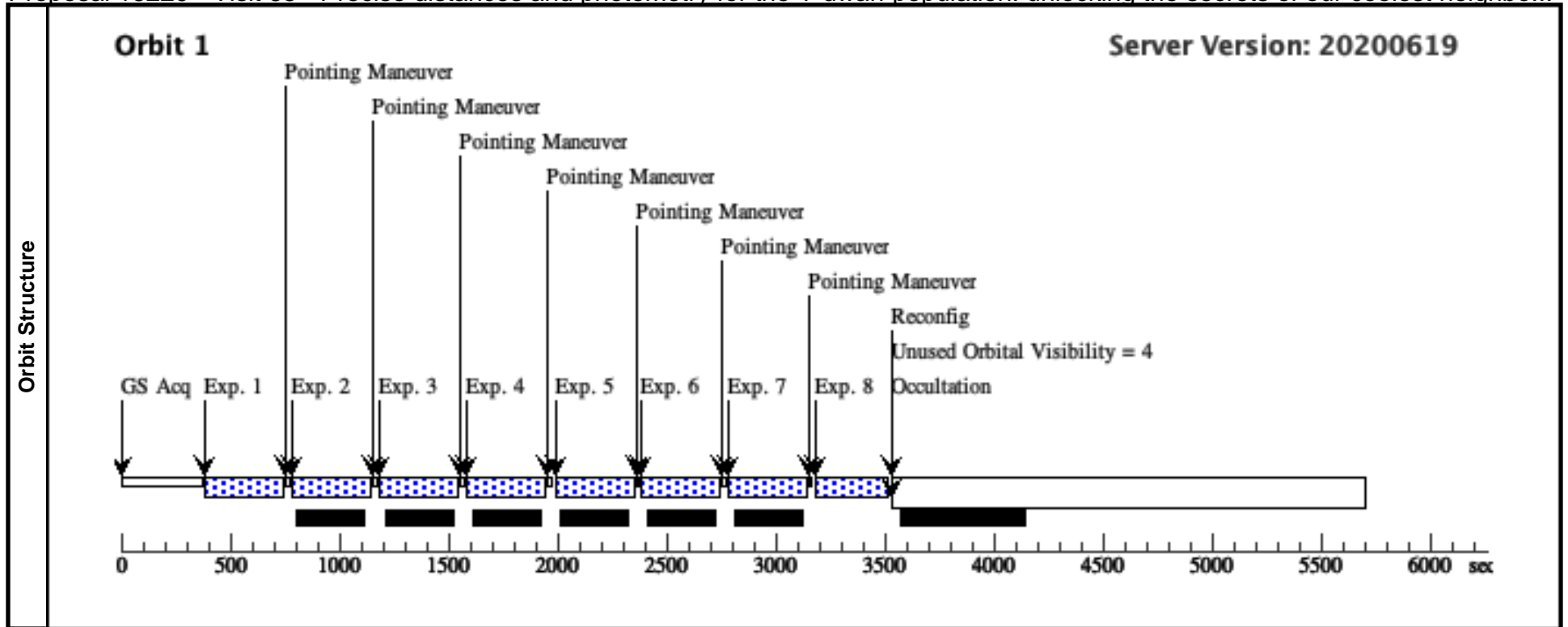
Proposal 16229 - Visit 65 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:57 GMT 2021

Visit	Proposal 16229, Visit 65, failed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 12-OCT-2020:00:00:00 AND 31-DEC-2020:00:00:00; BETWEEN 12-OCT-2021:00:00:00 AND 23-OCT-2021:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(10)	WISE1206+8401	RA: 12 06 3.0077 (181.5125321d) Dec: +84 01 9.42 (84.01928d) Equinox: J2000	Proper Motion RA: -575.0 mas/yr Proper Motion Dec: -255.7 mas/yr Epoch of Position: 2014.0	V=(?) J=20.35, H=21.07	Reference Frame: ICRS
<i>Comments:</i> Category=STAR Description=[BROWN DWARF]						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(10) WISE1206+8401	(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7.16		327.938986 Secs (327.939 Secs) [==>]	[1]
	2	(10) WISE1206+8401	(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -3.59,3.65		327.938986 Secs (327.939 Secs) [==>]	[1]
	3	(10) WISE1206+8401	(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3.57		327.938986 Secs (327.939 Secs) [==>]	[1]
	4	(10) WISE1206+8401	(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.30		327.938986 Secs (327.939 Secs) [==>]	[1]
	5	(10) WISE1206+8401	(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1.73		327.938986 Secs (327.939 Secs) [==>]	[1]
	6	(10) WISE1206+8401	(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5.45		327.938986 Secs (327.939 Secs) [==>]	[1]
	7	(10) WISE1206+8401	(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.50		327.938986 Secs (327.939 Secs) [==>]	[1]
	8	(10) WISE1206+8401	(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.89		302.938471 Secs (302.938 Secs) [==>]	[1]



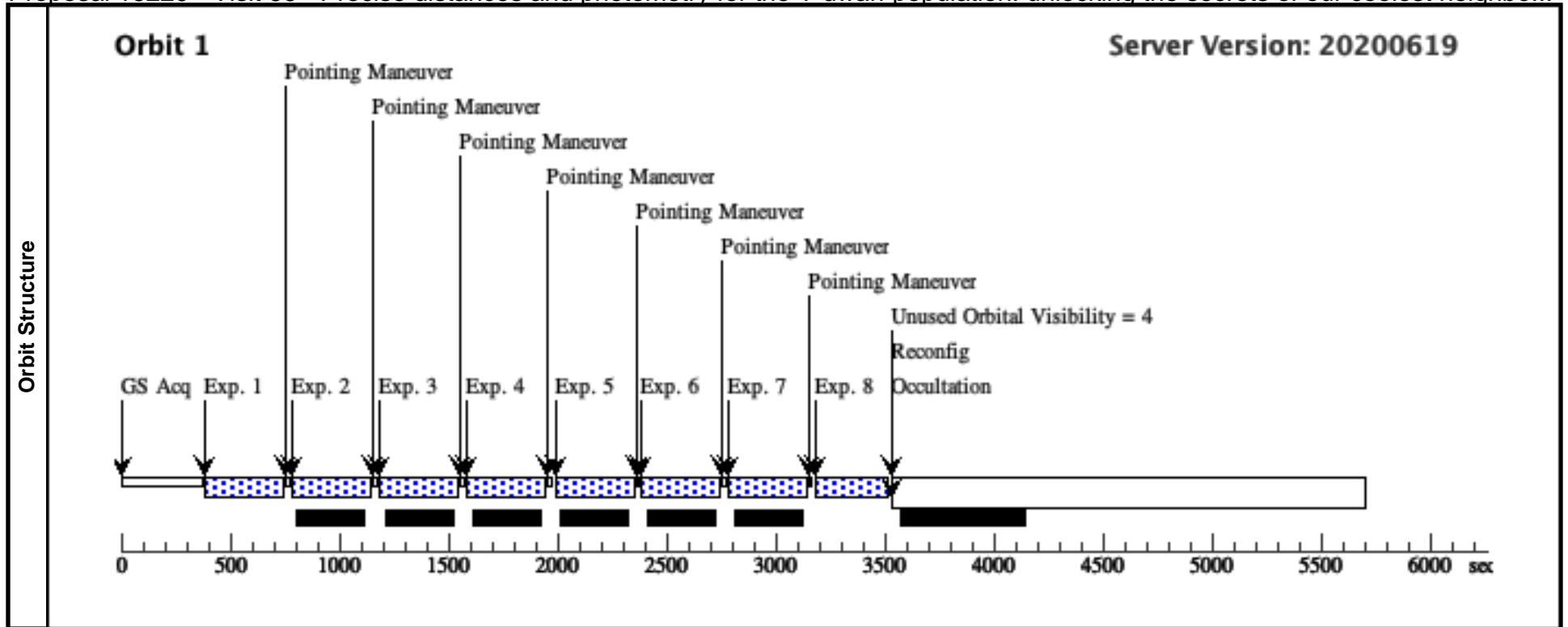
Proposal 16229 - Visit 66 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:57 GMT 2021

Visit	Proposal 16229, Visit 66, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 12-OCT-2020:00:00:00 AND 01-FEB-2021:00:00:00; BETWEEN 12-OCT-2021:00:00:00 AND 31-DEC-2021:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(10)	WISE1206+8401	RA: 12 06 3.0077 (181.5125321d) Dec: +84 01 9.42 (84.01928d) Equinox: J2000	Proper Motion RA: -575.0 mas/yr Proper Motion Dec: -255.7 mas/yr Epoch of Position: 2014.0	V=(?) J=20.35, H=21.07	Reference Frame: ICRS
<i>Comments:</i> Category=STAR Description=[BROWN DWARF]						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7.16		327.938986 Secs (327.939 Secs) [==>]	[1]
	2		(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -3.59,3.65		327.938986 Secs (327.939 Secs) [==>]	[1]
	3		(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3.57		327.938986 Secs (327.939 Secs) [==>]	[1]
	4		(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.30		327.938986 Secs (327.939 Secs) [==>]	[1]
	5		(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1.73		327.938986 Secs (327.939 Secs) [==>]	[1]
	6		(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5.45		327.938986 Secs (327.939 Secs) [==>]	[1]
	7		(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.50		327.938986 Secs (327.939 Secs) [==>]	[1]
	8		(10) WISE1206+8401	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.89		302.938471 Secs (302.938 Secs) [==>]	[1]



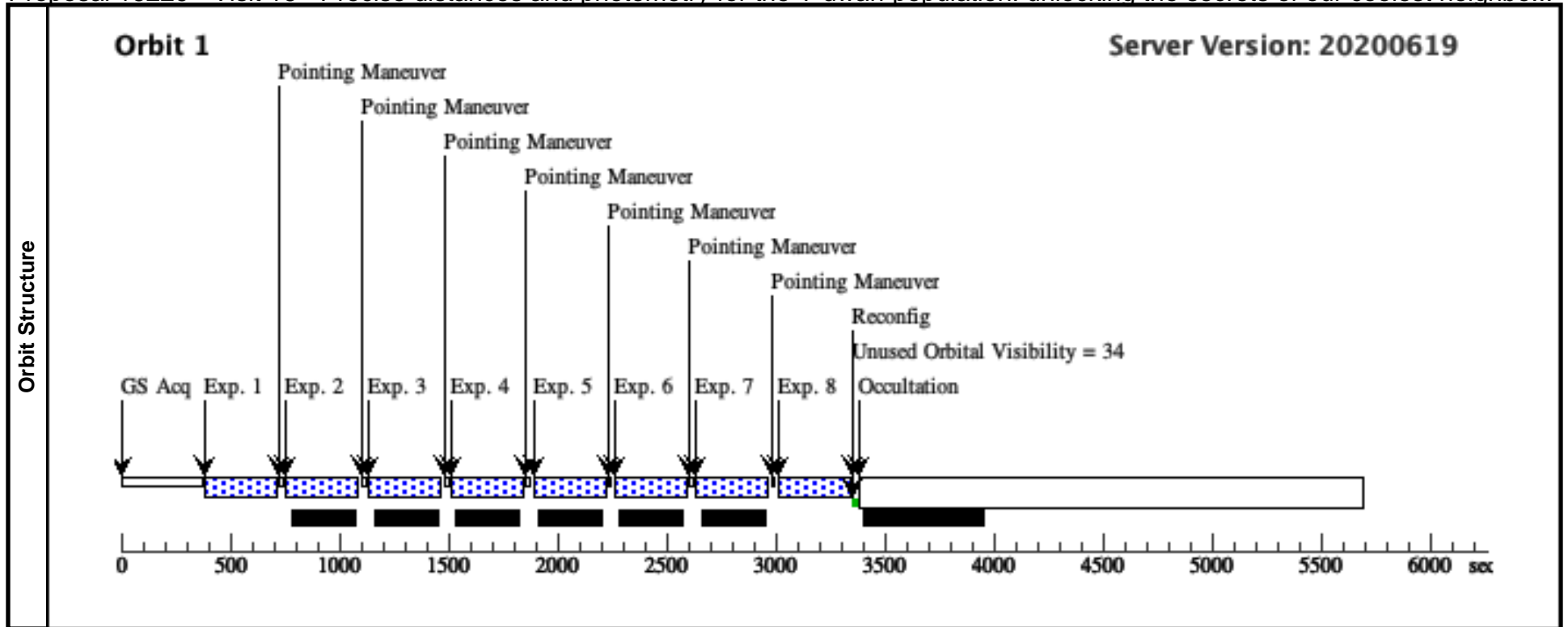
Proposal 16229 - Visit 16 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:57 GMT 2021

Visit	Proposal 16229, Visit 16, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 30-NOV-2020:00:00:00 AND 11-DEC-2020:00:00:00; BETWEEN 30-NOV-2021:00:00:00 AND 11-DEC-2021:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	WISE1405+5534	RA: 14 05 17.3928 (211.3224700d) Dec: +55 34 22.05 (55.57279d) Equinox: J2000	Proper Motion RA: -2326.5 mas/yr Proper Motion Dec: 236.1 mas/yr Epoch of Position: 2014.0	V=(?) J=21.06, H=21.41	Reference Frame: ICRS
<i>Comments:</i> Category=STAR Description=[BROWN DWARF]						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(11) WISE1405+5534	(11) WISE1405+5534	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7.16		302.938471 Secs (302.938 Secs) [==>]	[1]
	2	(11) WISE1405+5534	(11) WISE1405+5534	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -3.59,3.65		302.938471 Secs (302.938 Secs) [==>]	[1]
	3	(11) WISE1405+5534	(11) WISE1405+5534	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3.57		302.938471 Secs (302.938 Secs) [==>]	[1]
	4	(11) WISE1405+5534	(11) WISE1405+5534	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.30		302.938471 Secs (302.938 Secs) [==>]	[1]
	5	(11) WISE1405+5534	(11) WISE1405+5534	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1.73		302.938471 Secs (302.938 Secs) [==>]	[1]
	6	(11) WISE1405+5534	(11) WISE1405+5534	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5.45		302.938471 Secs (302.938 Secs) [==>]	[1]
	7	(11) WISE1405+5534	(11) WISE1405+5534	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.50		302.938471 Secs (302.938 Secs) [==>]	[1]
	8	(11) WISE1405+5534	(11) WISE1405+5534	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.89		302.938471 Secs (302.938 Secs) [==>]	[1]



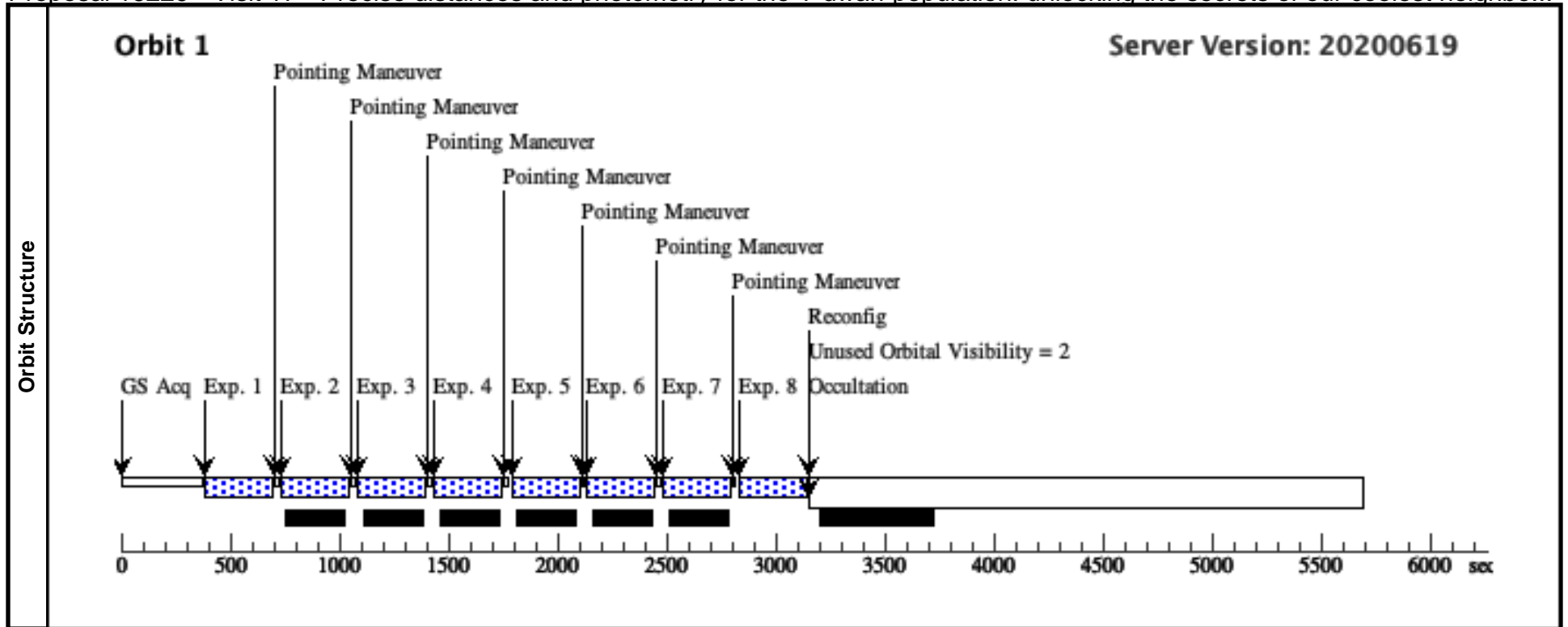
Proposal 16229 - Visit 17 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:57 GMT 2021

Visit	Proposal 16229, Visit 17, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 12-AUG-2021:00:00:00 AND 23-AUG-2021:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(12)	WISE1541-2250	RA: 15 41 51.3744 (235.4640600d) Dec: -22 50 26.00 (-22.84056d) Equinox: J2000	Proper Motion RA: -901.2 mas/yr Proper Motion Dec: -82.4 mas/yr Epoch of Position: 2014.0	V=(?) J=21.12, H=21.07	Reference Frame: ICRS
<i>Comments:</i> Category=STAR Description=[BROWN DWARF]						

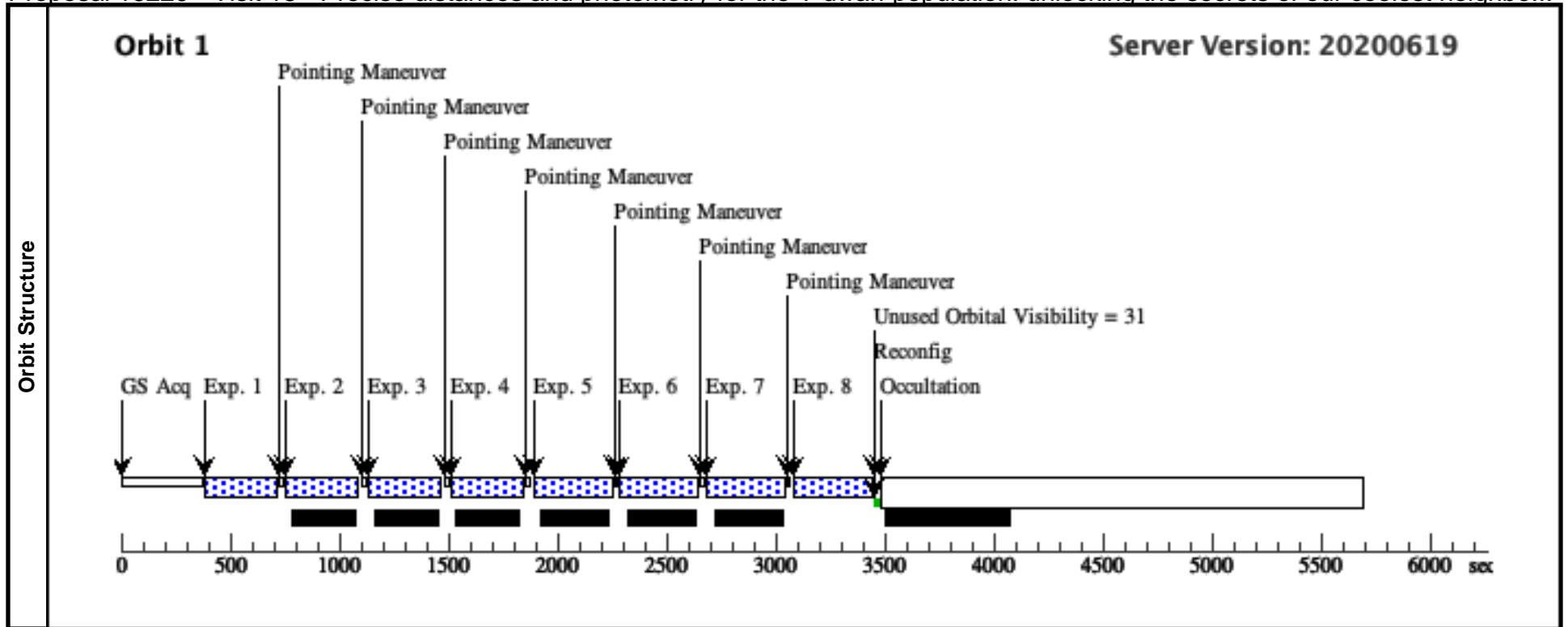
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(12) WISE1541-2250	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7.16		277.937956 Secs (277.938 Secs) [==>]	[1]
	2		(12) WISE1541-2250	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -3.59,3.65		277.937956 Secs (277.938 Secs) [==>]	[1]
	3		(12) WISE1541-2250	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3.57		277.937956 Secs (277.938 Secs) [==>]	[1]
	4		(12) WISE1541-2250	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.30		277.937956 Secs (277.938 Secs) [==>]	[1]
	5		(12) WISE1541-2250	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1.73		277.937956 Secs (277.938 Secs) [==>]	[1]
	6		(12) WISE1541-2250	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5.45		277.937956 Secs (277.938 Secs) [==>]	[1]
	7		(12) WISE1541-2250	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.50		277.937956 Secs (277.938 Secs) [==>]	[1]
	8		(12) WISE1541-2250	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.89		277.937956 Secs (277.938 Secs) [==>]	[1]



Proposal 16229 - Visit 18 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:57 GMT 2021

Visit	Proposal 16229, Visit 18, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: BETWEEN 01-SEP-2020:00:00:00 AND 15-SEP-2020:00:00:00 <i>Comments: Given the proper motion of this target, we know that it will be passing close to a field object between November 2020 and August 2022. We would thus like to avoid this window to avoid degraded astrometric and photometric precisions. We also need to ensure that the new epoch will be useful in combination with existing datasets, and would need the visit to be executed between June and mid-September for this. We therefore request visit to be taken, if possible, in September 2020.</i>												
	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>(13)</td> <td>WISE1639-6847</td> <td>RA: 16 39 41.2188 (249.9217450d) Dec: -68 47 50.21 (-68.79728d) Equinox: J2000</td> <td>Proper Motion RA: 582.0 mas/yr Proper Motion Dec: -3099.8 mas/yr Epoch of Position: 2014.0</td> <td>V=(?) J=20.57, H=20.59</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: Category=STAR Description=[BROWN DWARF]</i></p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(13)	WISE1639-6847	RA: 16 39 41.2188 (249.9217450d) Dec: -68 47 50.21 (-68.79728d) Equinox: J2000	Proper Motion RA: 582.0 mas/yr Proper Motion Dec: -3099.8 mas/yr Epoch of Position: 2014.0	V=(?) J=20.57, H=20.59
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(13)	WISE1639-6847	RA: 16 39 41.2188 (249.9217450d) Dec: -68 47 50.21 (-68.79728d) Equinox: J2000	Proper Motion RA: 582.0 mas/yr Proper Motion Dec: -3099.8 mas/yr Epoch of Position: 2014.0	V=(?) J=20.57, H=20.59	Reference Frame: ICRS								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit			
	1		(13) WISE1639-6847	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7.16		302.938471 Secs (302.938 Secs) [==>]	[1]			
	2		(13) WISE1639-6847	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG -3.59,3.65		302.938471 Secs (302.938 Secs) [==>]	[1]			
	3		(13) WISE1639-6847	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3.57		302.938471 Secs (302.938 Secs) [==>]	[1]			
	4		(13) WISE1639-6847	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.30		302.938471 Secs (302.938 Secs) [==>]	[1]			
	5		(13) WISE1639-6847	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1.73		327.938986 Secs (327.939 Secs) [==>]	[1]			
	6		(13) WISE1639-6847	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5.45		327.938986 Secs (327.939 Secs) [==>]	[1]			
	7		(13) WISE1639-6847	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.50		327.938986 Secs (327.939 Secs) [==>]	[1]			
	8		(13) WISE1639-6847	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.89		327.938986 Secs (327.939 Secs) [==>]	[1]			



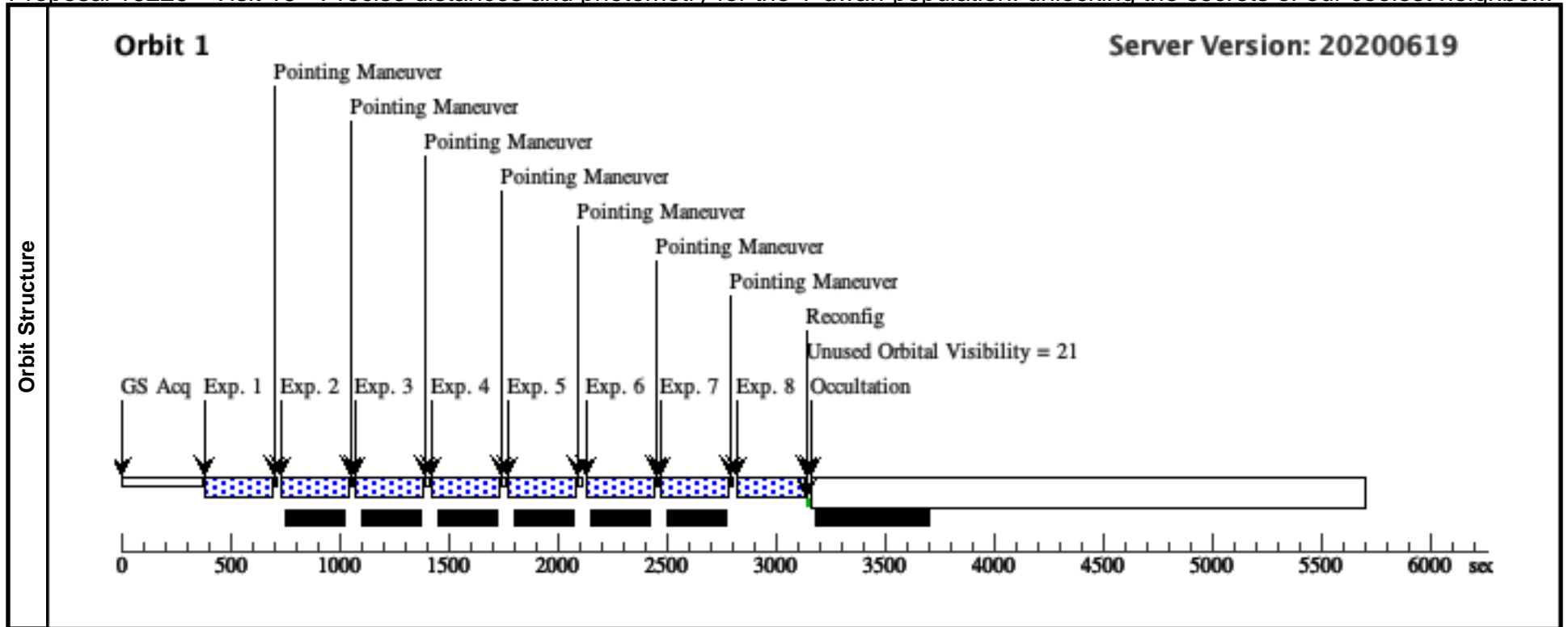
Proposal 16229 - Visit 19 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:57 GMT 2021

Visit	Proposal 16229, Visit 19, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 06-MAY-2021:00:00:00 AND 17-MAY-2021:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	WISE1738+2732	RA: 17 38 35.6254 (264.6484392d) Dec: +27 32 57.53 (27.54931d) Equinox: J2000	Proper Motion RA: 337.3 mas/yr Proper Motion Dec: -338.1 mas/yr Epoch of Position: 2014.0	V=(?) J=19.58, H=20.45	Reference Frame: ICRS
<i>Comments:</i> Category=STAR Description=[BROWN DWARF]						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(14) WISE1738+2732	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1.73	Sequence 1-8 Non-Int in Visit 19	277.937956 Secs (277.938 Secs) [==>]	[1]
	2		(14) WISE1738+2732	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5.45	Sequence 1-8 Non-Int in Visit 19	277.937956 Secs (277.938 Secs) [==>]	[1]
	3		(14) WISE1738+2732	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7.16	Sequence 1-8 Non-Int in Visit 19	277.937956 Secs (277.938 Secs) [==>]	[1]
	4		(14) WISE1738+2732	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -3.59,3.65	Sequence 1-8 Non-Int in Visit 19	277.937956 Secs (277.938 Secs) [==>]	[1]
	5		(14) WISE1738+2732	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3.57	Sequence 1-8 Non-Int in Visit 19	277.937956 Secs (277.938 Secs) [==>]	[1]
	6		(14) WISE1738+2732	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.30	Sequence 1-8 Non-Int in Visit 19	277.937956 Secs (277.938 Secs) [==>]	[1]
	7		(14) WISE1738+2732	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.50	Sequence 1-8 Non-Int in Visit 19	277.937956 Secs (277.938 Secs) [==>]	[1]
	8		(14) WISE1738+2732	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.89	Sequence 1-8 Non-Int in Visit 19	277.937956 Secs (277.938 Secs) [==>]	[1]



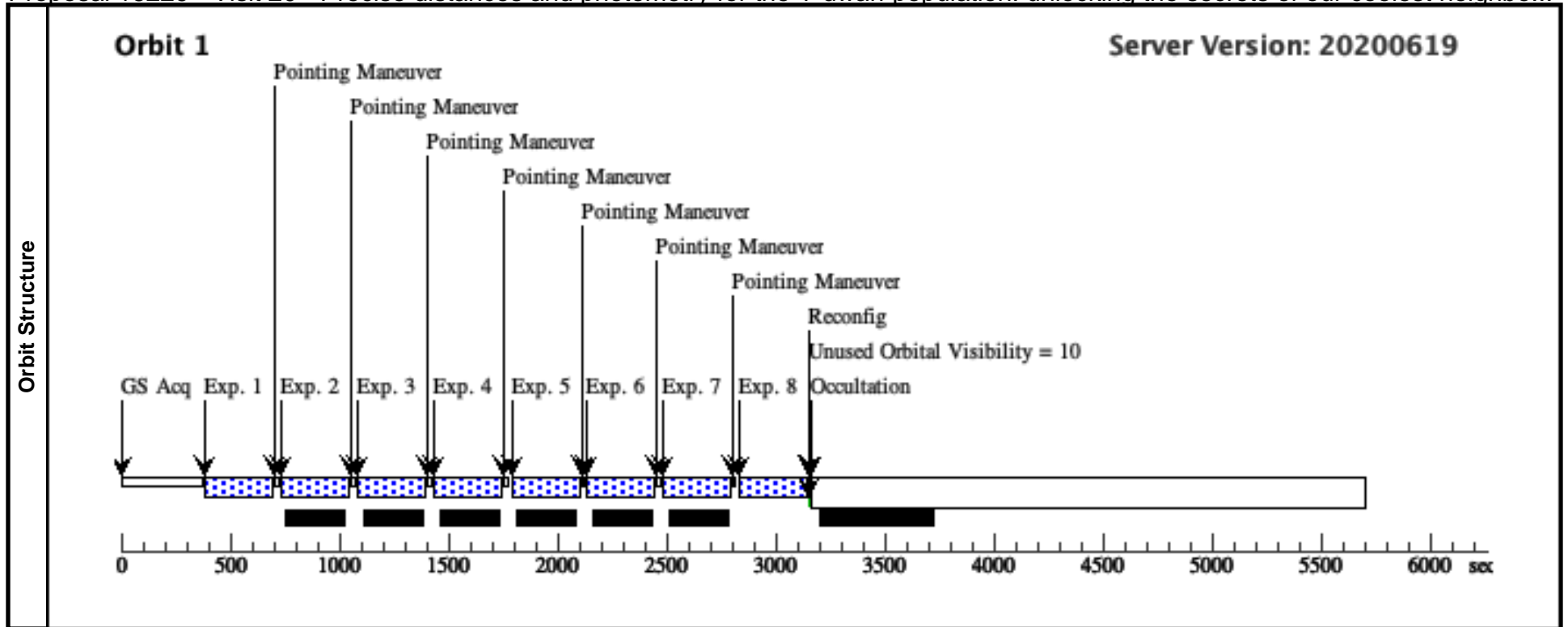
Proposal 16229 - Visit 20 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:57 GMT 2021

Visit	Proposal 16229, Visit 20, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 09-SEP-2020:00:00:00 AND 20-SEP-2020:00:00:00; BETWEEN 09-SEP-2021:00:00:00 AND 20-SEP-2021:00:00:00				

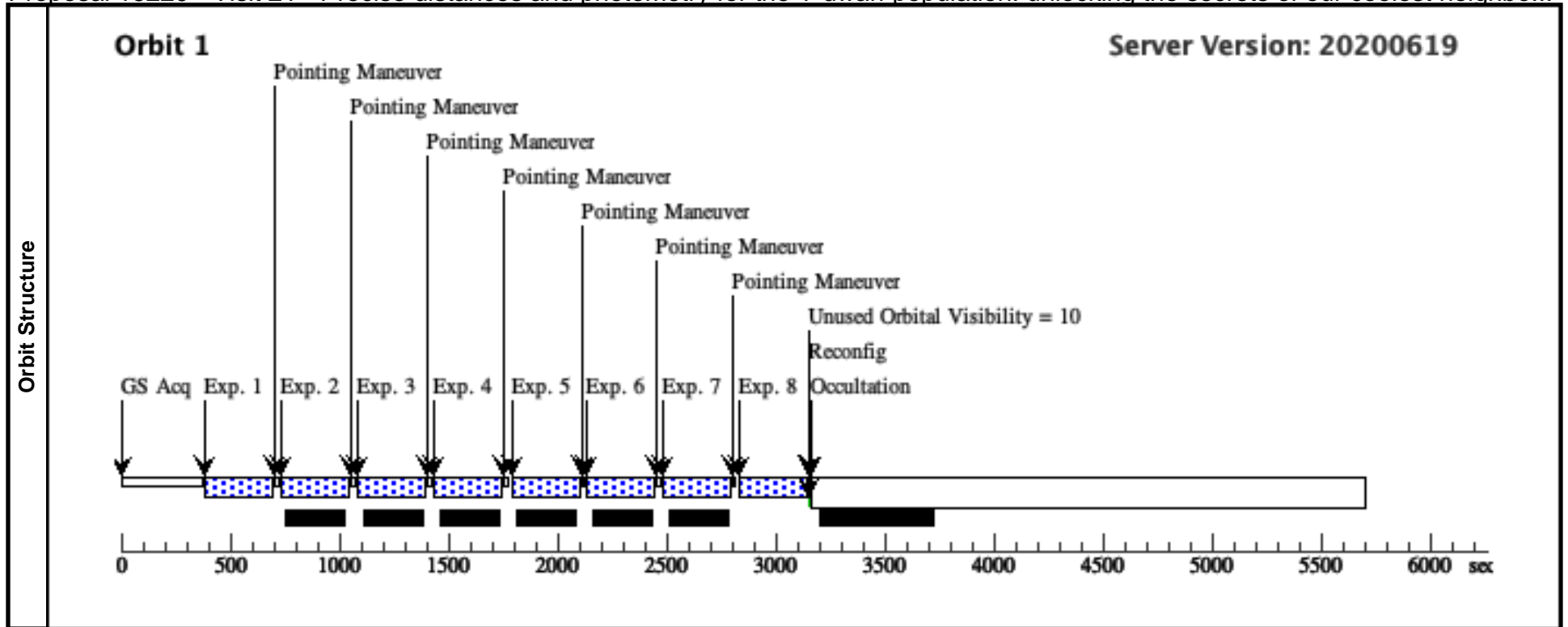
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	WISE1738+2732	RA: 17 38 35.6254 (264.6484392d) Dec: +27 32 57.53 (27.54931d) Equinox: J2000	Proper Motion RA: 337.3 mas/yr Proper Motion Dec: -338.1 mas/yr Epoch of Position: 2014.0	V=(?) J=19.58, H=20.45	Reference Frame: ICRS
<i>Comments:</i> Category=STAR Description=[BROWN DWARF]						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(14) WISE1738+273 2	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7. 16		277.937956 Secs (277.938 Secs) [==>]	[1]
	2		(14) WISE1738+273 2	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -3.59,3. 65		277.937956 Secs (277.938 Secs) [==>]	[1]
	3		(14) WISE1738+273 2	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3. 57		277.937956 Secs (277.938 Secs) [==>]	[1]
	4		(14) WISE1738+273 2	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.3 0		277.937956 Secs (277.938 Secs) [==>]	[1]
	5		(14) WISE1738+273 2	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1. 73		277.937956 Secs (277.938 Secs) [==>]	[1]
	6		(14) WISE1738+273 2	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5. 45		277.937956 Secs (277.938 Secs) [==>]	[1]
	7		(14) WISE1738+273 2	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.5 0		277.937956 Secs (277.938 Secs) [==>]	[1]
	8		(14) WISE1738+273 2	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.8 9		277.937956 Secs (277.938 Secs) [==>]	[1]



Proposal 16229 - Visit 21 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Visit	Proposal 16229, Visit 21, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: BETWEEN 22-OCT-2020:00:00:00 AND 12-NOV-2020:00:00:00; BETWEEN 22-OCT-2021:00:00:00 AND 12-NOV-2021:00:00:00					Thu Apr 29 15:00:57 GMT 2021				
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(15)	WISE1828+2650	RA: 18 28 31.3723 (277.1307179d) Dec: +26 50 38.44 (26.84401d) Equinox: J2000	Proper Motion RA: 1017.5 mas/yr Proper Motion Dec: 174.5 mas/yr Epoch of Position: 2014.0	V=(?) J=23.48, H=22.45	Reference Frame: ICRS				
	Comments: Category=STAR Description=[BROWN DWARF]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(15) WISE1828+2650	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7.16		277.937956 Secs (277.938 Secs) [==>]	[1]
	2		(15) WISE1828+2650	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -3.59,3.65		277.937956 Secs (277.938 Secs) [==>]	[1]
	3		(15) WISE1828+2650	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3.57		277.937956 Secs (277.938 Secs) [==>]	[1]
	4		(15) WISE1828+2650	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.30		277.937956 Secs (277.938 Secs) [==>]	[1]
	5		(15) WISE1828+2650	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1.73		277.937956 Secs (277.938 Secs) [==>]	[1]
	6		(15) WISE1828+2650	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5.45		277.937956 Secs (277.938 Secs) [==>]	[1]
	7		(15) WISE1828+2650	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.50		277.937956 Secs (277.938 Secs) [==>]	[1]
	8		(15) WISE1828+2650	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.89		277.937956 Secs (277.938 Secs) [==>]	[1]



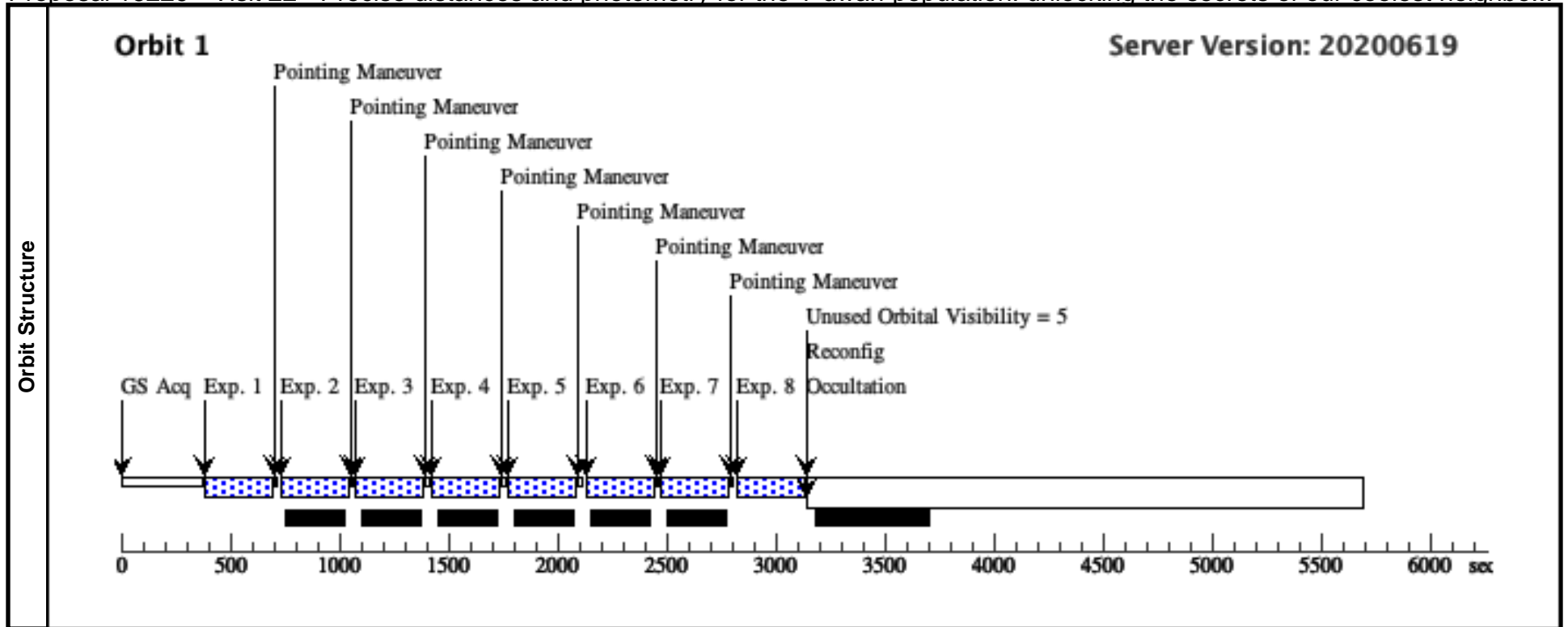
Proposal 16229 - Visit 22 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:58 GMT 2021

Visit	Proposal 16229, Visit 22, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 15-NOV-2020:00:00:00 AND 26-NOV-2020:00:00:00; BETWEEN 15-NOV-2021:00:00:00 AND 26-NOV-2021:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(16)	WISE2056+1459	RA: 20 56 29.1086 (314.1212858d) Dec: +14 59 55.20 (14.99867d) Equinox: J2000	Proper Motion RA: 823.2 mas/yr Proper Motion Dec: 534.1 mas/yr Epoch of Position: 2014.0	V=(?) J=19.43, H=19.96	Reference Frame: ICRS
<i>Comments:</i> Category=STAR Description=[BROWN DWARF]						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(16) WISE2056+1459	WISE2056+1459	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1.73	Sequence 1-8 Non-Int in Visit 22	277.937956 Secs (277.938 Secs) [==>]	[1]
	2	(16) WISE2056+1459	WISE2056+1459	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5.45	Sequence 1-8 Non-Int in Visit 22	277.937956 Secs (277.938 Secs) [==>]	[1]
	3	(16) WISE2056+1459	WISE2056+1459	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7.16	Sequence 1-8 Non-Int in Visit 22	277.937956 Secs (277.938 Secs) [==>]	[1]
	4	(16) WISE2056+1459	WISE2056+1459	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -3.59,3.65	Sequence 1-8 Non-Int in Visit 22	277.937956 Secs (277.938 Secs) [==>]	[1]
	5	(16) WISE2056+1459	WISE2056+1459	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3.57	Sequence 1-8 Non-Int in Visit 22	277.937956 Secs (277.938 Secs) [==>]	[1]
	6	(16) WISE2056+1459	WISE2056+1459	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.30	Sequence 1-8 Non-Int in Visit 22	277.937956 Secs (277.938 Secs) [==>]	[1]
	7	(16) WISE2056+1459	WISE2056+1459	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.50	Sequence 1-8 Non-Int in Visit 22	277.937956 Secs (277.938 Secs) [==>]	[1]
	8	(16) WISE2056+1459	WISE2056+1459	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.89	Sequence 1-8 Non-Int in Visit 22	277.937956 Secs (277.938 Secs) [==>]	[1]



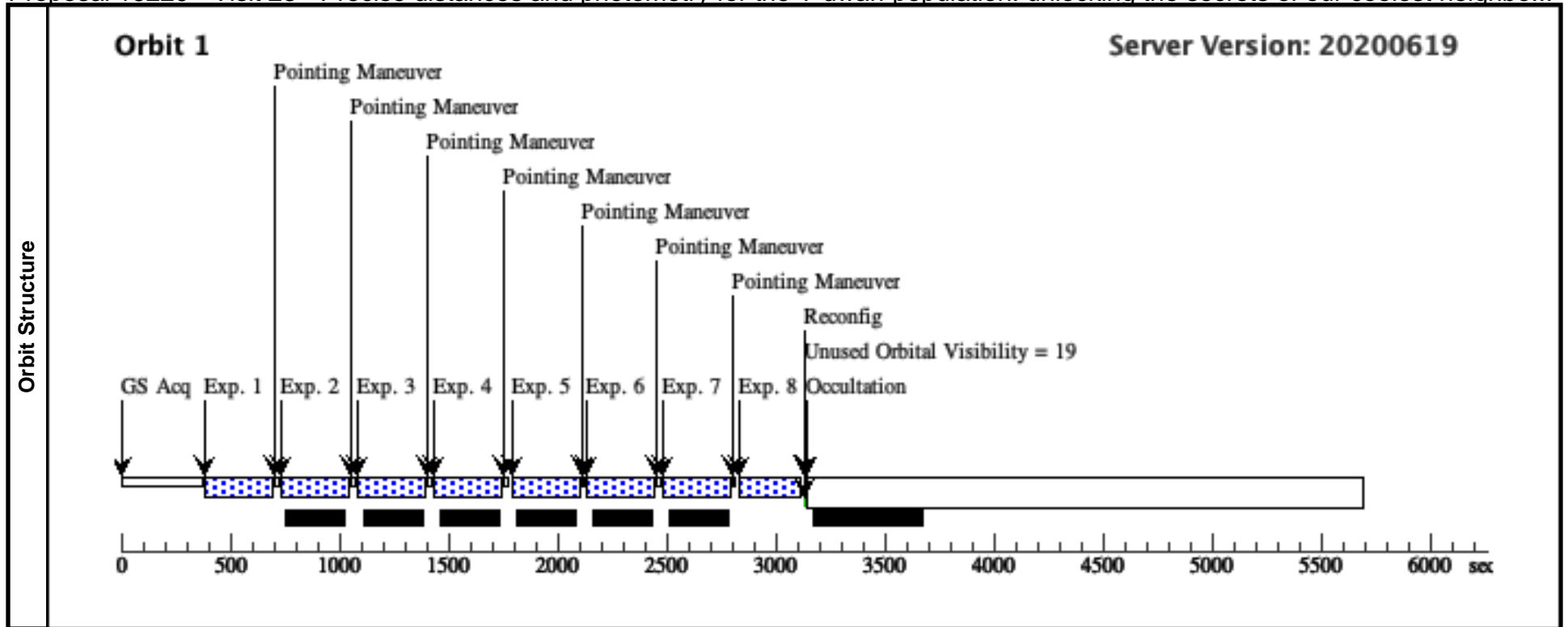
Proposal 16229 - Visit 23 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:58 GMT 2021

Visit	Proposal 16229, Visit 23, scheduled				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 01-MAY-2021:00:00:00 AND 12-MAY-2021:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(16)	WISE2056+1459	RA: 20 56 29.1086 (314.1212858d) Dec: +14 59 55.20 (14.99867d) Equinox: J2000	Proper Motion RA: 823.2 mas/yr Proper Motion Dec: 534.1 mas/yr Epoch of Position: 2014.0	V=(?) J=19.43, H=19.96	Reference Frame: ICRS
<i>Comments:</i> Category=STAR Description=[BROWN DWARF]						

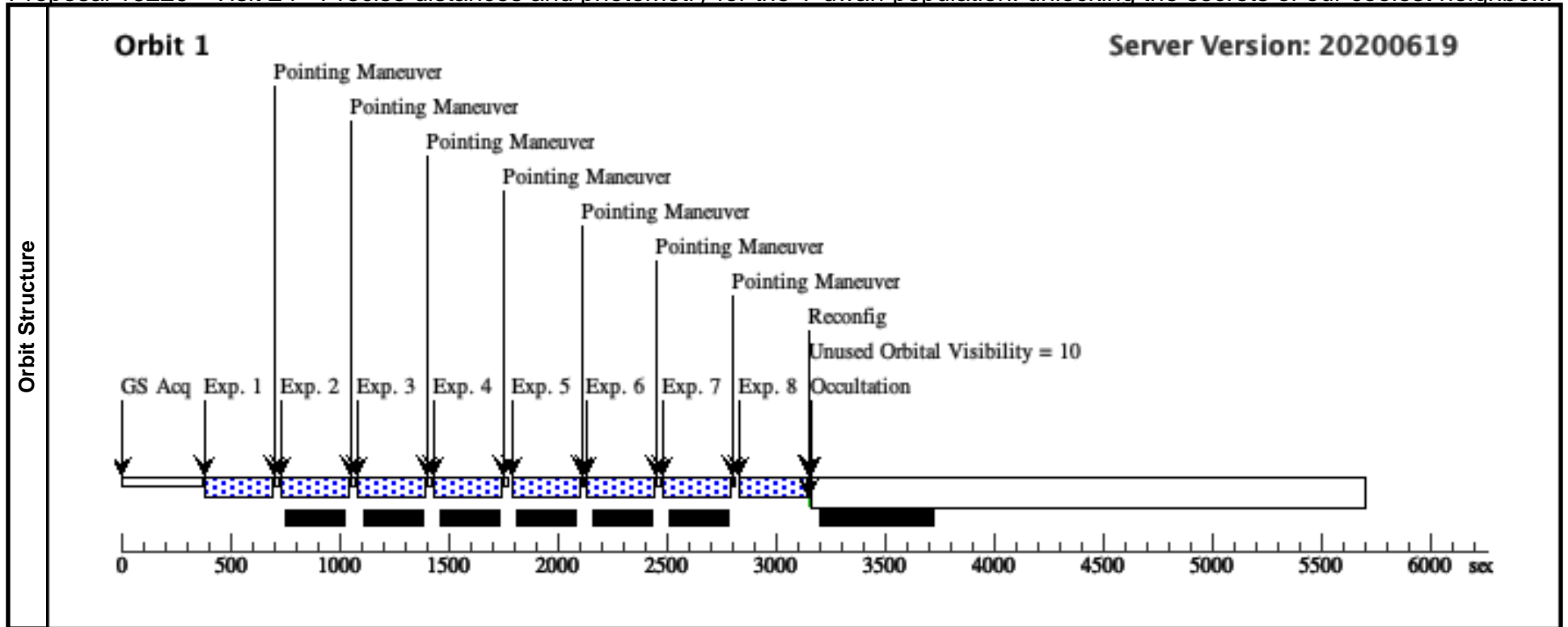
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(16) WISE2056+1459	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7.16		277.937956 Secs (277.938 Secs) [==>]	[1]
	2		(16) WISE2056+1459	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -3.59,3.65		277.937956 Secs (277.938 Secs) [==>]	[1]
	3		(16) WISE2056+1459	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3.57		277.937956 Secs (277.938 Secs) [==>]	[1]
	4		(16) WISE2056+1459	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.30		277.937956 Secs (277.938 Secs) [==>]	[1]
	5		(16) WISE2056+1459	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1.73		277.937956 Secs (277.938 Secs) [==>]	[1]
	6		(16) WISE2056+1459	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5.45		277.937956 Secs (277.938 Secs) [==>]	[1]
	7		(16) WISE2056+1459	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.50		277.937956 Secs (277.938 Secs) [==>]	[1]
	8		(16) WISE2056+1459	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.89		252.937441 Secs (252.937 Secs) [==>]	[1]



Proposal 16229 - Visit 24 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:58 GMT 2021

Visit	Proposal 16229, Visit 24, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ORIENT 105D TO 109 D; ORIENT 15D TO 19 D; ORIENT 285D TO 289 D; ORIENT 195D TO 199 D; BETWEEN 01-NOV-2020:00:00:00 AND 11-NOV-2020:00:00:00 Comments: This target is approaching a very bright star in the field of view. Using archival data, we have imposed specific orient ranges to make sure that the science target won't fall on the diffraction spikes. We selected the optimal window for our science goals within the allowed observing dates at these roll angles.												
	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>(17)</td> <td>WISE2209+2711</td> <td>RA: 22 09 6.0662 (332.2752758d) Dec: +27 11 39.02 (27.19417d) Equinox: J2000</td> <td>Proper Motion RA: 1204.4 mas/yr Proper Motion Dec: -1357.5 mas/yr Epoch of Position: 2014.0</td> <td>V=(?) J=22.58, H=22.98</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> Comments: Category=STAR Description=[BROWN DWARF]	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(17)	WISE2209+2711	RA: 22 09 6.0662 (332.2752758d) Dec: +27 11 39.02 (27.19417d) Equinox: J2000	Proper Motion RA: 1204.4 mas/yr Proper Motion Dec: -1357.5 mas/yr Epoch of Position: 2014.0	V=(?) J=22.58, H=22.98
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(17)	WISE2209+2711	RA: 22 09 6.0662 (332.2752758d) Dec: +27 11 39.02 (27.19417d) Equinox: J2000	Proper Motion RA: 1204.4 mas/yr Proper Motion Dec: -1357.5 mas/yr Epoch of Position: 2014.0	V=(?) J=22.58, H=22.98	Reference Frame: ICRS								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit			
	1	(17) WISE2209+2711 1	WISE2209+2711	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7.16		277.937956 Secs (277.938 Secs) [==>]	[1]			
	2	(17) WISE2209+2711 1	WISE2209+2711	WFC3/IR, MULTIACCUM, IR	F125W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -3.59,3.65		277.937956 Secs (277.938 Secs) [==>]	[1]			
	3	(17) WISE2209+2711 1	WISE2209+2711	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3.57		277.937956 Secs (277.938 Secs) [==>]	[1]			
	4	(17) WISE2209+2711 1	WISE2209+2711	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.30		277.937956 Secs (277.938 Secs) [==>]	[1]			
	5	(17) WISE2209+2711 1	WISE2209+2711	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1.73		277.937956 Secs (277.938 Secs) [==>]	[1]			
	6	(17) WISE2209+2711 1	WISE2209+2711	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5.45		277.937956 Secs (277.938 Secs) [==>]	[1]			
	7	(17) WISE2209+2711 1	WISE2209+2711	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.50		277.937956 Secs (277.938 Secs) [==>]	[1]			
	8	(17) WISE2209+2711 1	WISE2209+2711	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.89		277.937956 Secs (277.938 Secs) [==>]	[1]			



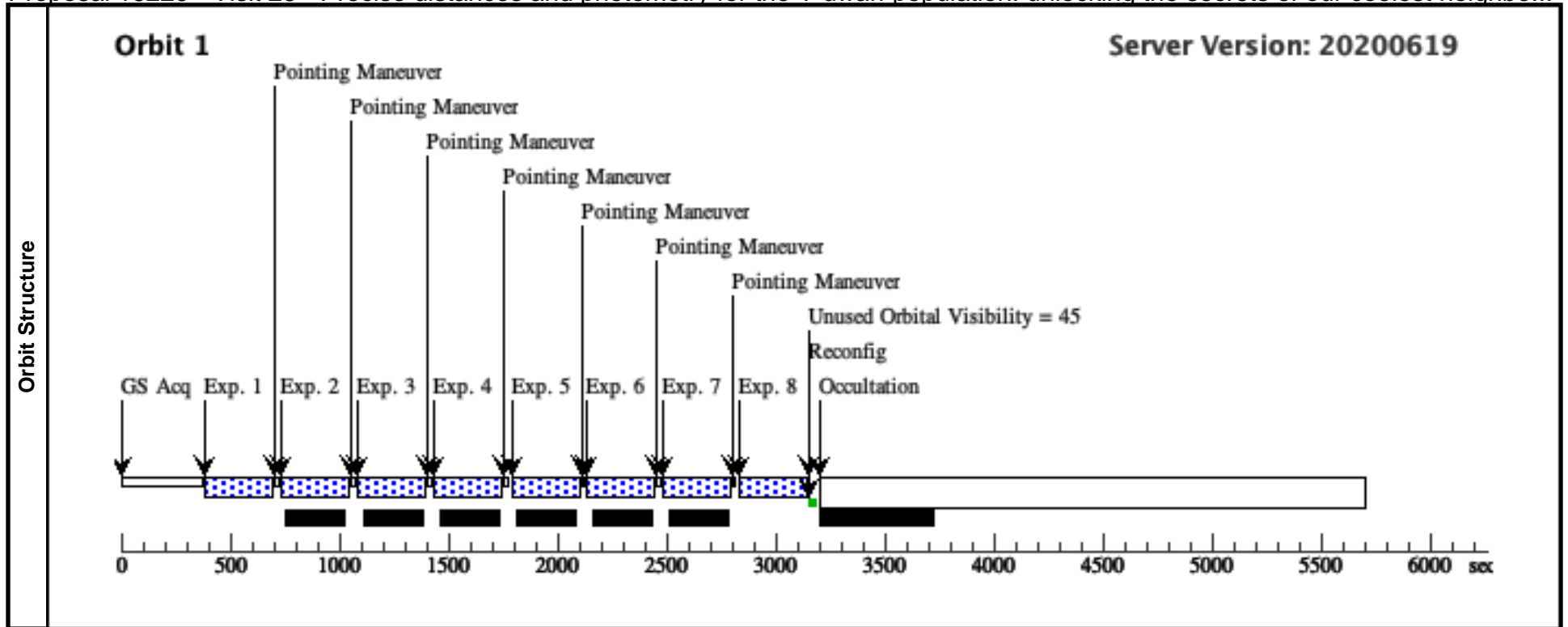
Proposal 16229 - Visit 25 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:58 GMT 2021

Visit	Proposal 16229, Visit 25, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 01-NOV-2021:00:00:00 AND 31-DEC-2021:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(18)	WISE2220-3628	RA: 22 20 55.4102 (335.2308758d) Dec: -36 28 17.91 (-36.47164d) Equinox: J2000	Proper Motion RA: 286.8 mas/yr Proper Motion Dec: -81.4 mas/yr Epoch of Position: 2014.0	V=(?) J=20.64, H=20.96	Reference Frame: ICRS
<i>Comments:</i> Category=STAR Description=[BROWN DWARF]						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(18) WISE2220-3628	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7.16		277.937956 Secs (277.938 Secs) [==>]	[1]
	2		(18) WISE2220-3628	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -3.59,3.65		277.937956 Secs (277.938 Secs) [==>]	[1]
	3		(18) WISE2220-3628	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3.57		277.937956 Secs (277.938 Secs) [==>]	[1]
	4		(18) WISE2220-3628	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.30		277.937956 Secs (277.938 Secs) [==>]	[1]
	5		(18) WISE2220-3628	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1.73		277.937956 Secs (277.938 Secs) [==>]	[1]
	6		(18) WISE2220-3628	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5.45		277.937956 Secs (277.938 Secs) [==>]	[1]
	7		(18) WISE2220-3628	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.50		277.937956 Secs (277.938 Secs) [==>]	[1]
	8		(18) WISE2220-3628	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.89		277.937956 Secs (277.938 Secs) [==>]	[1]



Proposal 16229 - Visit 26 - Precise distances and photometry for the Y dwarf population: unlocking the secrets of our coolest neighbo...

Thu Apr 29 15:00:58 GMT 2021

Visit	Proposal 16229, Visit 26, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: BETWEEN 13-DEC-2020:00:00:00 AND 24-DEC-2020:00:00:00; BETWEEN 13-DEC-2021:00:00:00 AND 24-DEC-2021:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(19)	WISE2354+0240	RA: 23 54 2.8898 (358.5120408d) Dec: +02 40 12.95 (2.67026d) Equinox: J2000	Proper Motion RA: 491.1 mas/yr Proper Motion Dec: -393.1 mas/yr Epoch of Position: 2014.0	V=(?) J=23.07, H=22.88	Reference Frame: ICRS
<i>Comments:</i> Category=STAR Description=[BROWN DWARF]						

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(19) WISE2354+0240	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 7.34,7.30	Sequence 1-8 Non-Int in Visit 26	277.937956 Secs (277.938 Secs) [==>]	[1]
	2		(19) WISE2354+0240	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -5.34,-1.73	Sequence 1-8 Non-Int in Visit 26	277.937956 Secs (277.938 Secs) [==>]	[1]
	3		(19) WISE2354+0240	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -7.24,-7.16	Sequence 1-8 Non-Int in Visit 26	277.937956 Secs (277.938 Secs) [==>]	[1]
	4		(19) WISE2354+0240	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 3.69,-3.57	Sequence 1-8 Non-Int in Visit 26	277.937956 Secs (277.938 Secs) [==>]	[1]
	5		(19) WISE2354+0240	WFC3/IR, MULTIACCUM, IR	F105W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -3.59,3.65	Sequence 1-8 Non-Int in Visit 26	277.937956 Secs (277.938 Secs) [==>]	[1]
	6		(19) WISE2354+0240	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG -1.69,-5.45	Sequence 1-8 Non-Int in Visit 26	277.937956 Secs (277.938 Secs) [==>]	[1]
	7		(19) WISE2354+0240	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	POS TARG 1.83,5.50	Sequence 1-8 Non-Int in Visit 26	277.937956 Secs (277.938 Secs) [==>]	[1]
	8		(19) WISE2354+0240	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 5.52,1.89	Sequence 1-8 Non-Int in Visit 26	252.937441 Secs (252.937 Secs) [==>]	[1]

