



14505 - STIS data of HD6655 to derive COS G285M/G230L wavelength zero-points

Cycle: 23, Proposal Category: CAL/STIS

(Availability Mode: RESTRICTED)

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) HD-6655	STIS/CCD STIS/NUV-MAMA	1	29-Jul-2016 13:35:46.0	yes

1 Total Orbits Used

ABSTRACT

STIS observations of HD 6655 (F8V, with $f(2000) = 7e-14$) will be used to update the COS NUV zero point offsets of the wavelength calibration scale for G285M and G230L.

OBSERVING DESCRIPTION

STIS observations of HD 6655 (F8V, with $f(2000) = 7e-14$) will be used to update COS NUV zero point offsets of the wavelength calibration scale for G285M and G230L

== COS G285M offsets

Proposal 14505 (STScI Edit Number: 2, Created: Friday, July 29, 2016 12:35:46 PM EST) - Overview

G230MB c3115 [3037, 3193], will be used to derive the zero points for the following settings of COS, using existing COS data of the same target:

G285M/2996/C [3090, 3131]

G285M/3018/C [3112, 3153]

G230MB c3115 with 52x0.2

To get S/N = 20 at 3090 need t = 12 sec (exptime increased to 100)

STIS.sp.814702

== COS G230L offsets

G230M c2014 [1969, 2059] will be used to derive the zero points for the following settings of COS, using existing COS data of the same target:

G230L/2950/A [1650 - 2050]

G230L/3000/A [1700 - 2100]

G230M c2014 with 52x0.5

To get S/N = 15 at 1980 need t = 1450 sec

STIS.sp.814711

== Target Acq

STIS.ta.814567

1 sec

F28X50OII

Proposal 14505 - Visit 01 - STIS data of HD6655 to derive COS G285M/G230L wavelength zero-points

Fri Jul 29 17:35:47 GMT 2016

Visit	Proposal 14505, Visit 01, implementation Diagnostic Status: No Diagnostics Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	HD-6655	RA: 01 05 18.2073 (16.3258637d) Dec: -72 33 14.47 (-72.55402d) Equinox: J2000	Proper Motion RA: 48.9 mas/yr Proper Motion Dec: -118.0 mas/yr Epoch of Position: 2000	V=8.06+/-0.05	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (STIS.ta.814 567)	(1) HD-6655	STIS/CCD, ACQ, F28X500II	MIRROR				1 Secs (1 Secs)	
									[==>]	[1]
	2	G230MB (STIS.sp.81 4702)	(1) HD-6655	STIS/CCD, ACCUM, 52X0.2	G230MB 3115 A	CR-SPLIT=4			100 Secs (100 Secs)	
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
3	G230M (STIS.sp.81 4711)	(1) HD-6655	STIS/NUV-MAMA, ACCUM, 52X0.5	G230M 2014 A				1450 Secs (1450 Secs)		
								[==>]	[1]	

