



15382 - UV Spectroscopy of GRB170817A

Cycle: 25, Proposal Category: GO/DD

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Matt Nicholl (PI) (Contact)	Harvard University	matt.nicholl@cfa.harvard.edu
Prof. Edo Berger (CoI)	Harvard University	eberger@cfa.harvard.edu
Mr. Philip Cowperthwaite (CoI)	Harvard University	pcowperthwaite@cfa.harvard.edu

VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(2) GRB170817A	STIS/CCD STIS/NUV-MAMA	1	22-Aug-2017 12:00:38.0	yes

1 Total Orbits Used

ABSTRACT

GRB170817A is the most nearby short GRB ever discovered. We detected an optical counterpart using DECam and propose to obtain a UV spectrum using STIS.

OBSERVING DESCRIPTION

1 orbit UV spectrum of LIGO BNS optical counterpart. Using STIS + G230L for wide wavelength coverage.

Proposal 15382 - Visit 01 - UV Spectroscopy of GRB170817A

Tue Aug 22 16:00:39 GMT 2017

Visit	Proposal 15382, Visit 01, scheduled				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	GRB170817A	RA: 13 09 48.0900 (197.4503750d) Dec: -23 22 53.35 (-23.38149d) Equinox: J2000		V=18+/-2 UVW1 ~ 17.7	Reference Frame: ICRS
	<i>Comments: Extended=NO</i>					

Exposures	#	Label (ETC Run)	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Acquisition	(2) GRB170817A	STIS/CCD, ACQ, 50CCD	MIRROR				90 Secs (90 Secs)	
									[==>]	[1]
	2	spectrum (1018449)	(2) GRB170817A	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				2000 Secs (2000 Secs)	
									[==>]	[1]

