

IRTF + Spex (Spectrograph)

PROJECT: ϕ 47 Triton Spex

Date (UT): 2002 Sept 16

Observers: Leslie Young, Will Grundy, Weather/Seeing:

5" NWS, 0.6" at S, light wind, low humid. (20%)

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File prefix: SPC.

Comments: ~~at~~

Frame #s	Object	Expos (s)	Coadds		Dichr	OS Filter	PA posn. ang. (°)	Slit (")	Spect		UT	HA	Comments
			Cycles						Mode	LST			
1-2	HD202282	30	$\frac{1}{3}$		open	open	-45	0.3x15	ShortXD		5:10	1.712	focus -0.9 7.7° on platform.
3-6	"												
7-14	cal-sxd-0.3										5:14		
15-26	Triton	120	$\frac{1}{6}$				-45				5:22	1.5	full cal. libration par. ang -38 to -34
27-34	"	"	$\frac{1}{4}$				-30				5:51	1.21	par. ang -33 to -
35-40	HD202282	30	$\frac{1}{3}$				-30				6:12	1.39	par. ang -36.8 to
41-43	grundy-cal												only arcs. These look like BAD.
44-51	cal-sxd-0.3										6:20		
52-59	Triton	120	$\frac{1}{4}$				-30				6:24	1.32	
60-67	"	120	$\frac{1}{4}$				-7°				6:44	1.29	par. ang = -34 to -14°
68-73	"	120	$\frac{1}{3}$				-7°				7:03	1.27	par. ang = -16 to -9
74-79	HD202282	30	$\frac{1}{3}$				-7°				7:19	1.25	par. ang = -9 to -3°
80-87	cal-sxd-0.3										7:24		par. ang = -15