

OBSERVER MEG SCHWAMB / JOE MURTAUGH

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TELESCOPE INT

INSTRUMENT WFC

DATE 22/11/22

(X) was at the wrong position . wrong position in catalog

OBSERVER

M. SCHWAMM / S. MURTAZY

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## TELESCOPE

INT

## INSTRUMENT

wfc

DATE

22/11/22

\* Seeing got a lot better, so we switched up the exposure times starting here for different filter exposures, S/N was in the 20's-30's, not guiding because the guider could not find anything at maximum integration time after looking at standards. focussing slightly worsened due to calibrating at a relatively worse seeing earlier in the night, but due to lack of time with object above  $33^{\circ}$  ( $\sim 1$  hour), was decided to not be refocused as it would take too long



\* this eventually got resolved - log on screen may just have been slow, we did not do anything to move it update

OBSERVER M SCHWAMB / J MURTAUGH

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DATE 22/11/22

TELESCOPE INT

INSTRUMENT WP

DISK NO.	FILE NO.	OBJECT	UT	HA	AIR MASS	FOCUS	FILT	EXP TIME	SEEING	COMMENTS
2780		2EPNA	03:15				g	200		Seeing reached as high as ~6" during exposure
2785			03:40		1.357		r	200		Seeing dropped down to < 1" (~0.8-0.9)
2796		2003 CC22	04:26		1.416		r	40		initially on 22 <sup>nd</sup> position on the 23 <sup>rd</sup>
2800		"	04:34		1.375		r	40		*

\* Went looking for this object on a wild goose chase, but could not find it ~~despite~~ potentially

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M SCHWAMB / J MURTAGH

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TELESCOPE

INT

INSTRUMENT

WFC

DATE

28/11/22

DISK NO.	FILE NO.	OBJECT	UT	HA	AIR MASS	FOCUS	FILT	EXP TIME	SEEING	COMMENTS
										dome flats had the window partially open but that side was much darker in the control room
2865		2015 RR245	20:40		1.11		r	200		first look at object f night
2868		2015 RR245	21:06		1.09		g	500		auto guide turned off
2869		2015 RR245	21:17		1.080	43.39	g	200	~1	first f script runs for this object
2871	"	"	21:55		1.084	"	g	200		Seeing thin cirrus clouds pass over on INT cams
2883	"	"			"		r			adapted script to buffer exposures due to clouds rrrr gggg
2895	"	"	22:55		1.156	g	200s ~			SNC 20 thin cirrus still overhead
2898	Sedna	01:06			1.070	g	200s			~1.4 - 1.6 seeing (seeing still variable)
2939	Sedna	01:51			1.095	g	200s			cirrus still about but thin seeing spoiled and holding in this exposure at 72"

⑩ Thin cirrus going over visible in the webcams so far. Seeing also has been variable but trending down.

O  
OBSERVER Schwamb & Mortagh

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TELESCOPE INT

## INSTRUMENT

WFC

DATE

W. B. D. S.

11/23/22 PT  
Craft

This is  
actually →  
2002 AW197,  
but we added it  
to the catalogue  
as 2002 AW97

24/11/22

non-photometric  
night  
thin cirrus  
all night

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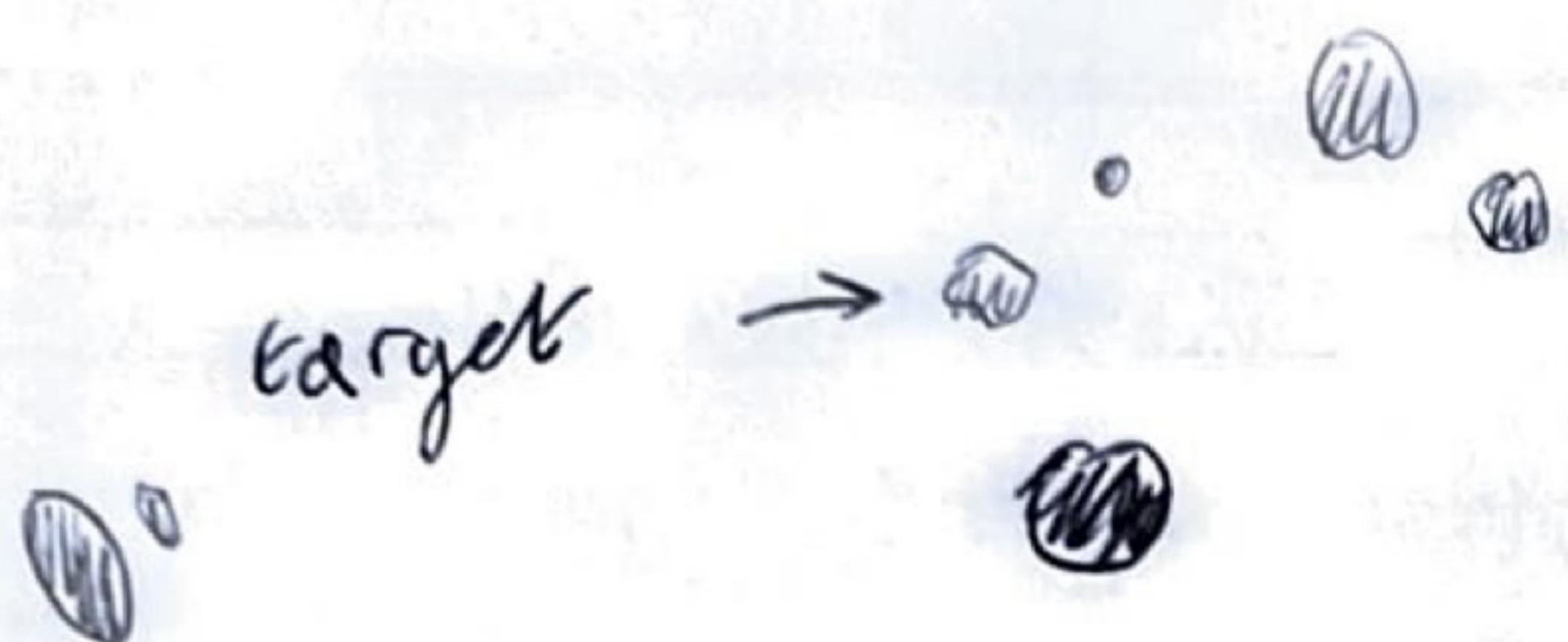
TELESCOPE INT

INSTRUMENT WFC

DATE 24/11/22

RISK NO.	FILE NO.	OBJECT	UT	HA	AIR MASS	FOCUS	FILT	EXP TIME	SEEING	COMMENTS
3049		BIAS	19:15				r			Counts ~ 2100 - 2200
3066		dome flats	19:33				r	3.1		Counts ~ 28 000 - 30 000
3080		"	19:41		1.978		g	18		Counts ~ 28 000
3095		2015 RP245	20:31		1.112	43.34	r	200		pixels <del>on</del> a star at 213 359 *
3125		"	21:22		1.107	"	r	200	1.00"	Starting to move off star, peak counts of ~3700
3139		"	23:13		1.193		r	200		PSF showing slight wonkage, possibly due to wind shear, seeing spiked to ~1.3
3141			23:20		1.212		r	200		target just barely separated from star, seeing spiked to ~1.5
3152			00:01		1.348		r	200		seeing spiked to ~1.9
3153			00:05		1.364		r	200		" ~2.2

\* looks like this:



We have this area of sky on a good night without clouds present however, so may be subtractable

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TELESCOPE \_\_\_\_\_ INT

INSTRUMENT WFC

DATE 24/11/22

DISK NO.	FILE NO.	OBJECT	UT	HA	AIR MASS	FOCUS	FILT	EXP TIME	SEEING	COMMENTS
3162	"		00:38		1.518		g	200	g	seeing spike to 2.7
3171	SEDNA		01:13		1.071		r	200		
3172	"						r	200		beginning of Sedna script
3176	"		01:32		1.083		r	200		seeing spike to 1.7, humidity to ~40%
3221	2002 AW197		04:27		1.598		r	200 1.598		
3245	"		05:59		1.265		r	200		final exposure for the night

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**TELESCOPE** —————

INSTRUMENT \_\_\_\_\_

**DATE** \_\_\_\_\_

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TELESCOPE \_\_\_\_\_ INT

INSTRUMENT WFC

DATE 25/11/22

Thin Cirrus seen overhead on WebCam.

thin crust  
visible starting  
at 21:16,  
other bonds  
seen next  
horizon at  
~2-3 am.  
  
We took  
standoffs  
without  
knowing this  
afterwards.  
  
Webworm factory  
sorted for the  
night