Table 1. Observation log for IC 4651 with information about the Date, Night, Filter, Exposure time, Airmass, CCD rotation angle, and α,δ-offsets for all 89 frames.

$Frame_{ID}$	Date	Night	Filter	Exposure time	Airmass	Rotation angle	α offset	δ offset
dfsc3960	02−05−97	n1	y	30	1.392	+90	$0'$	$0'$
dfsc3963	02−05−97	n1	y	150	1.299	+90	$0'$	$0'$
dfsc3964	02−05−97	n1	b	40	1.283	+90	$0'$	$0'$
dfsc3965	02−05−97	n1	b	200	1.270	+90	$0'$	$0'$
dfsc3966	02−05−97	n1	v	60	1.259	+90	$0'$	$0'$
dfsc3967	02−05−97	n1	v	300	1.244	+90	$0'$	$0'$
dfsc3968	02−05−97	n1	u	90	1.232	+90	$0'$	$0'$
dfsc3969	02−05−97	n1	u	450	1.215	+90	$0'$	$0'$
dfsc3970	02−05−97	n1	u	900	1.173	0	$+2'$	$-2'$
dfsc3971	02−05−97	n1	u	900	1.140	0	$+2'$	$-2'$
dfsc3972	02−05−97	n1	v	300	1.123	0	$+2'$	$-2'$
dfsc3973	02−05−97	n1	v	180	1.116	0	$+2'$	$-2'$
dfsc3974	02−05−97	n1	b	40	1.112	0	$+2'$	$-2'$
dfsc3975	02−05−97	n1	b	200	1.109	0	$+2'$	$-2'$
dfsc3976	02−05−97	n1	y	30	1.105	0	$+2'$	$-2'$
dfsc3977	02−05−97	n1	y	150	1.102	0	$+2'$	$-2'$
dfsc3978	02−05−97	n1	y	30	1.098	0	$-3'$	$+3'$
dfsc3979	02−05−97	n1	y	150	1.095	0	$-3'$	$+3'$
dfsc3980	02−05−97	n1	b	40	1.092	0	$-3'$	$+3'$
dfsc3981	02−05−97	n1	b	200	1.089	0	$-3'$	$+3'$
dfsc3982	02−05−97	n1	v	180	1.086	0	$-3'$	$+3'$
dfsc3983	02−05−97	n1	v	300	1.083	0	$-3'$	$+3'$
dfsc3984	02−05−97	n1	u	900	1.077	0	$-3'$	$+3'$
dfsc3985	02−05−97	n1	u	900	1.070	−90	$0'$	$-3'$
dfsc3986	02−05−97	n1	v	180	1.069	−90	$0'$	$-3'$
dfsc3987	02−05−97	n1	v	300	1.069	−90	$0'$	$-3'$
dfsc3988	02−05−97	n1	b	40	1.069	−90	$0'$	$-3'$
dfsc3989	02−05−97	n1	b	200	1.069	−90	$0'$	$-3'$
dfsc3990	02−05−97	n1	y	30	1.070	−90	$0'$	$-3'$
dfsc3991	02−05−97	n1	y	150	1.070	−90	$0'$	$-3'$
dfsc3992	02−05−97	n1	u	900	1.074	−90	$0'$	$-3'$
dfsc4316	03−05−97	n2	y	30	1.965	−90	$0'$	$0'$
dfsc4317	03−05−97	n2	y	150	1.929	−90	$0'$	$0'$
dfsc4318	03−05−97	n2	b	40	1.895	−90	$0'$	$0'$
dfsc4319	03−05−97	n2	b	200	1.860	−90	$0'$	$0'$
dfsc4321	03−05−97	n2	v	300	1.790	−90	$0'$	$0'$
dfsc4322	03−05−97	n2	v	180	1.742	−90	$0'$	$0'$
dfsc4323	03−05−97	n2	u	900	1.655	−90	$0'$	$0'$
dfsc4324	03−05−97	n2	u	900	1.560	−90	$0'$	$0'$
dfsc4325	03−05−97	n2	y	30	1.497	−90	$0'$	$+3'$
dfsc4326	03−05−97	n2	y	150	1.482	−90	$0'$	$+3'$
dfsc4327	03−05−97	n2	b	40	1.467	−90	$0'$	$+3'$
dfsc4328	03−05−97	n2	b	200	1.450	−90	$0'$	$+3'$
dfsc4329	03−05−97	n2	v	180	1.429	−90	$0'$	$+3'$
dfsc4330	03−05−97	n2	v	300	1.406	−90	$0'$	$+3'$
dfsc4331	03−05−97	n2	u	900	1.358	−90	$0'$	$+3'$
dfsc4332	03−05−97	n2	u	900	1.304	−90	$0'$	$+3'$
dfsc4333	03−05−97	n2	y	30	1.256	+90	$+3'$	$-3'$
dfsc4334	03−05−97	n2	y	150	1.248	+90	$+3'$	$-3'$
dfsc4335	03−05−97	n2	b	40	1.240	+90	$+3'$	$-3'$
dfsc4336	03−05−97	n2	b	200	1.231	+90	$+3'$	$-3'$
dfsc4337	03−05−97	n2	v	180	1.220	+90	$+3'$	$-3'$
dfsc4338	03−05−97	n2	v	300	1.207	+90	$+3'$	$-3'$
dfsc4339	03−05−97	n2	u	900	1.184	+90	$+3'$	$-3'$
dfsc4340	03−05−97	n2	u	900	1.155	+90	$+3'$	$-3'$

Table 1. Continued

$Frame_{ID}$	Date	Night	Filter	Exposute time	Airmass	Rotation angle	α offset	δ offset
dfsc4341	03−05−97	n2	u	900	1.127	+90	$+5'$	$+5'$
dfsc4342	03−05−97	n2	u	900	1.108	+90	$+5'$	$+5'$
dfsc4343	03−05−97	n2	v	180	1.097	+90	$+5'$	$+5'$
dfsc4344	03−05−97	n2	v	300	1.092	+90	$+5'$	$+5'$
dfsc4345	03−05−97	n2	b	40	1.085	+90	$+5'$	$+5'$
dfsc4346	03−05−97	n2	b	200	1.083	+90	$+5'$	$+5'$
dfsc4347	03−05−97	n2	y	150	1.080	+90	$+5'$	$+5'$
dfsc4348	03−05−97	n2	y	30	1.079	+90	$+5'$	$+5'$
dfsc4349	03−05−97	n2	y	30	1.077	+90	$+5'$	$-5'$
dfsc4350	03−05−97	n2	y	150	1.075	+90	$+5'$	$-5'$
dfsc4351	03−05−97	n2	b	40	1.074	+90	$+5'$	$-5'$
dfsc4352	03−05−97	n2	b	200	1.073	+90	$+5'$	$-5'$
dfsc4353	03−05−97	n2	v	180	1.071	+90	$+5'$	$-5'$
dfsc4354	03−05−97	n2	v	300	1.070	+90	$+5'$	$-5'$
dfsc4355	03−05−97	n2	u	900	1.069	+90	$+5'$	$-5'$
dfsc4356	03−05−97	n2	u	900	1.070	+90	$+5'$	$-5'$
dfsc4359	03−05−97	n2	y	30	1.077	+90	$-5'$	$-5'$
dfsc4360	03−05−97	n2	y	30	1.080	+90	$-5'$	$-5'$
dfsc4596	04−05−97	n3	y	30	1.870	0	$-5'$	$-5'$
dfsc4597	04−05−97	n3	y	150	1.843	0	$-5'$	$-5'$
dfsc4598	04−05−97	n3	b	40	1.817	0	$-5'$	$-5'$
dfsc4599	04−05−97	n3	b	200	1.789	0	$-5'$	$-5'$
dfsc4600	04−05−97	n3	v	180	1.741	0	$-5'$	$-5'$
dfsc4601	04−05−97	n3	v	300	1.696	0	$-5'$	$-5'$
dfsc4602	04−05−97	n3	u	900	1.613	0	$-5'$	$-5'$
dfsc4603	04−05−97	n3	u	900	1.517	0	$-5'$	$-5'$
dfsc4604	04−05−97	n3	y	30	1.453	0	$-5'$	$+5'$
dfsc4605	04−05−97	n3	y	150	1.438	0	$-5'$	$+5'$
dfsc4606	04−05−97	n3	b	40	1.424	0	$-5'$	$+5'$
dfsc4607	04−05−97	n3	b	200	1.409	0	$-5'$	$+5'$
dfsc4608	04−05−97	n3	v	180	1.389	0	$-5'$	$+5'$
dfsc4609	04−05−97	n3	v	300	1.368	0	$-5'$	$+5'$
dfsc4610	04−05−97	n3	u	900	1.316	0	$-5'$	$+5'$
dfsc4611	04−05−97	n3	u	900	1.266	0	$-5'$	$+5'$