INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:             INT
DATE:                  1998 DEC 24/25
INT TAPE NR:           INTD3912-13-14
OBSERVER:              Sorensen/Norberto
PROGRAMME:             WFC Survey
PATT/CAT:              WFS 9
TELESCOPE OPERATOR:    P. Sorensen
SUPPORT ASTRONOMER:    ----

FOCUS:                 PRIME
INSTRUMENT:            WFC
FILTER WHEEL (PF):     I, U, R, V, Z, B
CAMERA (IDS):          -
COLLIMATOR (IDS):      -
COLL. FOCUS (IDS):     -
GRATING (IDS):         -
DETECTOR:              4xEEV
PIXELS:                2k x 4k
PIXEL SIZE (microns):  13.5
WINDOW:                none
BINNING:               none

WEATHER:                good
OUTSIDE TEMP (deg C):    3.2             (FIRST HALF)
OUTSIDE TEMP (deg C):    4.4             (SECOND HALF)
HUMIDITY (%):            36              (FIRST HALF)
HUMIDITY (%):            56              (SECOND HALF)
CLOUD COVER (%):          0              (FIRST HALF)
CLOUD COVER (%):          0              (SECOND HALF)
DUST (0 - 2):             0              (FIRST HALF)
DUST (0 - 2):             0              (SECOND HALF)
SEEING (arcsec):          -              (FIRST HALF)
SEEING (arcsec):          -              (SECOND HALF)
AV. SEEING (arcsec):      1.5
NO. SEEING MEASURES:      4
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UTC	TELESCOPE				CASELLA OUT		CASELLA IN		SEEING	
	AZ	EL	Focus	TComp	Temp	Humid	Temp	Humid	Det./TV	Comments
21:30	110	75	46	0.06	4.6	36	4.7	38	1.2	
00:30	201	68	46	0.15	4.2	35	4.6	39	1.4	
03:00	327	74	46	0.19	3.9	37	4.0	37	1.8	
05:00	305	58	46	0.24	2.3	64	2.4	61	2.8	

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DARK HOURS:            10:53
DOME OPEN (UTC):       --:--
MOON PHASE (D/G/B):       D
DK HRS LOST (WEATHER):
DK HRS LOST (TELESC):  00:00
DK HRS LOST (DOME):    00:00
DK HRS LOST (INSTR.):  00:00
DK HRS LOST (DET.):    00:00
DK HRS LOST (COMPS.):  00:00
DK HRS LOST (A&G):     00:00
DK HRS LOST (OTHER):   00:00
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COMMENTS:

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
141615	Bias frame	0:00:00.00	+00:00:00.0	A	4.467	179.8	16:21:10.5	0.0	U	RGO	1	1 x 1	
141619	Bias frame	0:00:00.00	+00:00:00.0	A	4.467	179.8	18:14:42.9	0.0	U	RGO	1	1 x 1	
141623	Bias frame	0:00:00.00	+00:00:00.0	A	4.467	179.8	18:18:29.4	0.0	U	RGO	1	1 x 1	

141627	Bias frame	0:00:00.00	+00:00:00.0	A	4.467	179.8	18:21:21.8	0.0	U	RGO	1	1 x 1	
141631	Flat field	23:54:08.90	+59:28:18.0	B1950.00	1.167	179.8	18:41:16.4	7.0	z	Gunn	1	1 x 1	
141635	Flat field	23:54:08.89	+59:28:18.0	B1950.00	1.167	179.8	18:44:29.3	16.7	z	Gunn	1	1 x 1	
141639	Flat field	23:54:08.90	+59:28:17.9	B1950.00	1.166	179.8	18:47:55.9	40.8	z	Gunn	1	1 x 1	
141643	Flat field	23:54:08.90	+59:28:18.0	B1950.00	1.166	179.8	18:51:48.5	25.0	I	INT-WFC	1	1 x 1	
141647	Flat field	23:54:08.90	+59:28:18.0	B1950.00	1.166	179.8	18:55:22.9	64.4	I	INT-WFC	1	1 x 1	
141651	Flat field	23:54:10.21	+59:28:28.0	B1950.00	1.166	179.8	18:59:44.6	189.8	I	INT-WFC	1	1 x 1	many stars
141655	Focus run	0:54:59.99	+00:45:57.9	J2000.00	1.135	179.8	19:39:54.9	8.1	I	INT-WFC	1	1 x 1	
141663	SA92-335 filter I	0:55:00.00	+00:47:43.0	J2000.00	1.132	179.8	19:51:25.9	40.1	I	INT-WFC	1	1 x 1	trailing stars
141671	SA92-335 I 40s	0:55:00.00	+00:47:43.0	J2000.00	1.132	179.8	19:58:11.3	40.1	I	INT-WFC	1	1 x 1	
141675	SA92-335 Z 40s	0:55:00.00	+00:47:43.0	J2000.00	1.133	179.8	20:03:00.4	40.1	z	Gunn	1	1 x 1	
141679	F_04	23:45:59.99	+27:29:59.9	J2000.00	1.066	179.8	20:11:51.6	599.0	z	Gunn	1	1 x 1	
141683	F_05	23:44:00.00	+27:30:00.0	J2000.00	1.097	179.8	20:28:05.9	599.4	z	Gunn	1	1 x 1	
141687	F_06	23:42:00.00	+27:29:59.9	J2000.00	1.136	179.8	20:44:29.3	599.5	z	Gunn	1	1 x 1	
141695	F_07	2:27:00.00	+14:33:00.0	J2000.00	1.035	179.8	21:01:58.7	599.3	z	Gunn	1	1 x 1	
141699	WFSJ0347+2400-IZ12	3:47:25.39	+22:48:39.8	J2000.00	1.049	179.8	21:22:45.2	1198.8	z	Gunn	1	1 x 1	
141703	WFSJ0347+2400-IZ12	3:47:25.38	+22:48:39.6	J2000.00	1.029	179.8	21:46:55.6	598.9	I	INT-WFC	1	1 x 1	
141707	WFSJ0347+2400-IZ13	3:45:27.67	+23:01:54.7	J2000.00	1.013	179.8	22:03:03.1	1198.8	z	Gunn	1	1 x 1	
141711	WFSJ0347+2400-IZ13	3:45:27.68	+23:01:54.6	J2000.00	1.006	179.8	22:26:53.9	599.2	I	INT-WFC	1	1 x 1	
141715	WFSJ0347+2400-IZ14	3:43:31.82	+23:06:32.0	J2000.00	1.007	179.8	22:47:50.6	1198.3	z	Gunn	1	1 x 1	
141719	WFSJ0347+2400-IZ14	3:43:31.81	+23:06:32.1	J2000.00	1.018	179.8	23:11:51.7	1198.9	z	Gunn	1	1 x 1	
141723	WFSJ0347+2400-IZ14	3:43:31.81	+23:06:32.1	J2000.00	1.033	179.8	23:36:11.4	599.5	I	INT-WFC	1	1 x 1	
141727	WFSJ0347+2400-IZ14	3:43:31.81	+23:06:32.0	J2000.00	1.047	179.8	23:49:09.6	599.6	I	INT-WFC	1	1 x 1	
141731	WFSJ0347+2400-IZ15	3:49:51.74	+23:07:02.7	J2000.00	1.069	179.8	00:06:29.4	1198.4	z	Gunn	1	1 x 1	
141735	WFSJ0347+2400-IZ15	3:49:51.75	+23:07:02.8	J2000.00	1.100	179.8	00:30:07.1	599.5	I	INT-WFC	1	1 x 1	
141739	WFSJ0347+2400-IZ15	3:49:51.74	+23:07:02.7	J2000.00	1.128	179.8	00:43:14.9	599.4	I	INT-WFC	1	1 x 1	
141747	WFSJ0347+2400-IZ15	3:49:51.74	+23:07:02.8	J2000.00	1.185	179.8	01:00:24.7	1198.8	z	Gunn	1	1 x 1	
141751	WFSJ0347+2400-IZ16	3:52:05.86	+23:07:02.7	J2000.00	1.273	179.8	01:29:14.6	1198.8	z	Gunn	1	1 x 1	
141763	WFSJ0347+2400-IZ16	3:52:05.86	+23:07:02.7	J2000.00	1.357	179.8	01:53:57.3	599.4	I	INT-WFC	1	1 x 1	
141771	WFSJ0347+2400-IZ17	3:51:19.99	+23:29:00.0	J2000.00	1.478	179.8	02:10:58.4	1198.9	z	Gunn	1	1 x 1	
141779	WFSJ0347+2400-IZ17	3:51:19.99	+23:29:00.0	J2000.00	1.621	179.8	02:36:44.0	599.4	I	INT-WFC	1	1 x 1	
141787	sa101-427	9:57:26.00	-00:17:16.0	J2000.00	1.321	179.8	02:54:40.6	40.0	B	Kitt Peak	1	1 x 1	
141791	sa101-427	9:57:26.00	-00:17:16.0	J2000.00	1.309	179.8	02:58:24.3	40.1	V	Harris	1	1 x 1	
141795	sa101-427	9:57:26.00	-00:17:16.0	J2000.00	1.297	179.8	03:02:06.3	40.1	R	Harris	1	1 x 1	
141799	sa101-427	9:57:26.00	-00:17:15.9	J2000.00	1.286	179.8	03:05:49.8	40.1	I	INT-WFC	1	1 x 1	
141803	sa101-427	9:57:26.00	-00:17:15.9	J2000.00	1.276	179.8	03:09:35.4	40.1	z	Gunn	1	1 x 1	
141811	sa101-427	9:57:26.00	-00:17:16.0	J2000.00	1.260	179.8	03:13:58.5	199.8	U	RGO	1	1 x 1	
141815	Bias frame	9:57:26.00	-00:17:15.9	J2000.00	1.249	179.8	03:20:20.9	0.0	U	RGO	1	1 x 1	
141819	wfsj0801+4019_032	8:03:00.70	+40:18:59.9	J2000.00	1.028	179.8	03:27:47.9	599.5	R	Harris	1	1 x 1	
141823	wfsj0801+4019_032	8:03:00.70	+40:19:00.0	J2000.00	1.034	179.8	03:40:49.2	599.5	V	Harris	1	1 x 1	
141827	wfsj0801+4019_032	8:03:00.70	+40:19:00.0	J2000.00	1.044	179.8	03:53:54.5	599.4	U	RGO	1	1 x 1	
141831	wfsj0801+4019_032	8:03:00.70	+40:19:00.0	J2000.00	1.055	179.8	04:06:58.3	599.4	B	Kitt Peak	1	1 x 1	
141835	wfsj0801+4019_032	8:03:00.69	+40:19:00.0	J2000.00	1.070	179.8	04:19:60.1	599.5	z	Gunn	1	1 x 1	
141839	wfsj0801+4019_033	8:03:01.09	+40:39:00.0	J2000.00	1.094	179.8	04:37:22.1	599.4	R	Harris	1	1 x 1	
141843	wfsj0801+4019_033	8:03:01.09	+40:39:00.0	J2000.00	1.115	179.8	04:50:23.8	599.4	V	Harris	1	1 x 1	
141847	wfsj0801+4019_033	8:03:01.09	+40:39:00.0	J2000.00	1.139	179.8	05:03:27.4	599.1	U	RGO	1	1 x 1	
141851	wfsj0801+4019_033	8:03:01.10	+40:39:00.0	J2000.00	1.167	179.8	05:16:32.0	599.5	B	Kitt Peak	1	1 x 1	
141855	wfsj0801+4019_033	8:03:01.09	+40:38:59.9	J2000.00	1.199	179.8	05:29:34.2	599.4	z	Gunn	1	1 x 1	
141859	wfsj0801+4019_033	8:03:01.09	+40:39:00.0	J2000.00	1.244	179.8	05:45:31.3	599.3	U	RGO	1	1 x 1	2'nd U for 033
141863	wfsj0801+4019_040	8:05:36.89	+39:58:59.9	J2000.00	1.294	179.8	06:03:22.5	599.4	R	Harris	1	1 x 1	
141867	wfsj0801+4019_040	8:05:36.90	+39:58:59.9	J2000.00	1.343	179.8	06:16:24.1	599.5	V	Harris	1	1 x 1	
141871	wfsj0801+4019_040	8:05:36.89	+39:59:00.0	J2000.00	1.399	179.8	06:29:27.7	599.3	U	RGO	1	1 x 1	
141875	wfsj0801+4019_040	8:05:36.90	+39:59:00.0	J2000.00	1.463	179.8	06:42:31.5	599.4	B	Kitt Peak	1	1 x 1	
141879	wfsj0801+4019_040	8:05:36.90	+39:59:00.1	J2000.00	1.536	179.8	06:55:33.6	599.0	z	Gunn	1	1 x 1	
141883	wfsj0801+4019_040	8:05:36.89	+39:58:59.9	J2000.00	1.632	179.8	07:10:28.5	599.5	z	Gunn	1	1 x 1	2'nd Z for 040
141887	Flat field	13:04:33.00	+29:50:49.0	B1950.00	1.011	179.8	07:24:10.6	125.4	V	Harris	1	1 x 1	
141891	Flat field	13:04:33.76	+29:50:59.0	B1950.00	1.009	179.8	07:29:36.7	33.8	V	Harris	1	1 x 1	
141895	Flat field	13:04:33.76	+29:51:08.9	B1950.00	1.007	179.8	07:33:19.9	12.3	V	Harris	1	1 x 1	
141899	Flat field	13:04:33.76	+29:51:09.0	B1950.00	1.005	179.8	07:36:41.5	7.7	R	Harris	1	1 x 1	
141903	Flat field	13:04:33.76	+29:51:09.0	B1950.00	1.004	179.8	07:40:07.8	2.1	R	Harris	1	1 x 1	
141907	Flat field	13:04:33.76	+29:51:09.2	B1950.00	1.003	179.8	07:43:22.0	2.1	R	Harris	1	1 x 1	