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INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:             INT
DATE:                  1999 Apr 14/15
INT TAPE NR:           INTD
OBSERVER:              J. Davies, A. Kambas, J. Haynes, R. Pain, D. Hardin
PROGRAMME:             WFS 09
PATT/CAT:              WFS 09
TELESCOPE OPERATOR:    -
SUPPORT ASTRONOMER:    -

FOCUS:                 PRIME
INSTRUMENT:            WFC
FILTER WHEEL (PF):     U,B,V,r,i,Z
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):              (FIRST HALF)
OUTSIDE TEMP (deg C):              (SECOND HALF)
HUMIDITY (%):                      (FIRST HALF)
HUMIDITY (%):                      (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):
NO. SEEING MEASURES:      -

UTC    TELESCOPE                  CASELLA OUT   CASELLA IN    SEEING
       AZ   EL  Focus  TComp      Temp   Humid  Temp   Humid  Det./TV  Comments

DARK HOURS:            08:26
DOME OPEN (UTC):       20:00
MOON PHASE (D/G/B):        D
DK HRS LOST (WEATHER):00.00
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

COMMENTS:
All night lost due to can not find stars!!!
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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
159579	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	2.900	180.2	13:44:36.9	0.0	z	Gunn	1	1 x 1	

159580	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	2.900	180.2	13:44:36.9	0.0	z	Gunn	5	1 x 1	
159581	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	2.900	180.2	13:44:36.9	0.0	z	Gunn	3	1 x 1	
159582	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	2.900	180.2	13:44:36.9	0.0	z	Gunn	4	1 x 1	
159583	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	2.900	185.0	14:08:21.0	0.0	z	Gunn	1	1 x 1	
159584	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	2.900	185.0	14:08:21.0	0.0	z	Gunn	5	1 x 1	
159585	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	2.900	185.0	14:08:21.0	0.0	z	Gunn	3	1 x 1	
159586	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	2.900	185.0	14:08:21.0	0.0	z	Gunn	4	1 x 1	
159587	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	2.900	185.0	14:22:00.8	0.0	z	Gunn	1	1 x 1	
159588	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	2.900	185.0	14:22:00.8	0.0	z	Gunn	5	1 x 1	
159589	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	2.900	185.0	14:22:00.8	0.0	z	Gunn	3	1 x 1	
159590	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	2.900	185.0	14:22:00.8	0.0	z	Gunn	4	1 x 1	
159591	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	185.0	19:49:32.1	0.0	B	Kitt Peak	1	1 x 1	
159592	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	185.0	19:49:32.1	0.0	B	Kitt Peak	5	1 x 1	
159593	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	185.0	19:49:32.1	0.0	B	Kitt Peak	3	1 x 1	
159594	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	185.0	19:49:32.1	0.0	B	Kitt Peak	4	1 x 1	
159595	Flat field	4:25:46.00	+54:09:03.0	B1950.00	1.495	185.0	19:59:45.2	6.1	U	RGO	1	1 x 1	
159596	Flat field	4:25:46.00	+54:09:03.0	B1950.00	1.495	185.0	19:59:45.2	6.1	U	RGO	5	1 x 1	
159597	Flat field	4:25:46.00	+54:09:03.0	B1950.00	1.495	185.0	19:59:45.2	6.1	U	RGO	3	1 x 1	
159598	Flat field	4:25:46.00	+54:09:03.0	B1950.00	1.495	185.0	19:59:45.2	6.1	U	RGO	4	1 x 1	
159599	Flat field	4:25:46.00	+54:09:03.0	B1950.00	1.514	185.0	20:03:59.1	15.0	U	RGO	1	1 x 1	
159600	Flat field	4:25:46.00	+54:09:03.0	B1950.00	1.514	185.0	20:03:59.1	15.0	U	RGO	5	1 x 1	
159601	Flat field	4:25:46.00	+54:09:03.0	B1950.00	1.514	185.0	20:03:59.1	15.0	U	RGO	3	1 x 1	
159602	Flat field	4:25:46.00	+54:09:03.0	B1950.00	1.514	185.0	20:03:59.1	15.0	U	RGO	4	1 x 1	
159603	Flat field	4:25:46.00	+54:09:02.7	B1950.00	1.531	185.0	20:07:35.6	39.6	U	RGO	1	1 x 1	
159604	Flat field	4:25:46.00	+54:09:02.7	B1950.00	1.531	185.0	20:07:35.6	39.6	U	RGO	5	1 x 1	
159605	Flat field	4:25:46.00	+54:09:02.7	B1950.00	1.531	185.0	20:07:35.6	39.6	U	RGO	3	1 x 1	
159606	Flat field	4:25:46.00	+54:09:02.7	B1950.00	1.531	185.0	20:07:35.6	39.6	U	RGO	4	1 x 1	
159607	Flat field	4:25:45.99	+54:09:03.1	B1950.00	1.555	185.0	20:12:16.8	100.0	z	Gunn	1	1 x 1	
159608	Flat field	4:25:45.99	+54:09:03.1	B1950.00	1.555	185.0	20:12:16.8	100.0	z	Gunn	5	1 x 1	
159609	Flat field	4:25:45.99	+54:09:03.1	B1950.00	1.555	185.0	20:12:16.8	100.0	z	Gunn	3	1 x 1	
159610	Flat field	4:25:45.99	+54:09:03.1	B1950.00	1.555	185.0	20:12:16.8	100.0	z	Gunn	4	1 x 1	
159611	Flat field	4:25:45.99	+54:09:03.0	B1950.00	1.580	185.0	20:17:21.4	130.0	z	Gunn	1	1 x 1	
159612	Flat field	4:25:45.99	+54:09:03.0	B1950.00	1.580	185.0	20:17:21.4	130.0	z	Gunn	5	1 x 1	
159613	Flat field	4:25:45.99	+54:09:03.0	B1950.00	1.580	185.0	20:17:21.4	130.0	z	Gunn	3	1 x 1	
159614	Flat field	4:25:45.99	+54:09:03.0	B1950.00	1.580	185.0	20:17:21.4	130.0	z	Gunn	4	1 x 1	
159615	SS98	6:51:52.00	-00:20:16.0	J2000.00	1.347	185.0	20:40:09.1	20.1	B	Kitt Peak	1	1 x 1	
159616	SS98	6:51:52.00	-00:20:16.0	J2000.00	1.347	185.0	20:40:09.1	20.1	B	Kitt Peak	5	1 x 1	
159617	SS98	6:51:52.00	-00:20:16.0	J2000.00	1.347	185.0	20:40:09.1	20.1	B	Kitt Peak	3	1 x 1	
159618	SS98	6:51:52.00	-00:20:16.0	J2000.00	1.347	185.0	20:40:09.1	20.1	B	Kitt Peak	4	1 x 1	
159619	SS98	6:51:52.00	-00:20:16.0	J2000.00	1.420	185.0	20:58:09.7	20.1	B	Kitt Peak	1	1 x 1	
159620	SS98	6:51:52.00	-00:20:16.0	J2000.00	1.420	185.0	20:58:09.7	20.1	B	Kitt Peak	5	1 x 1	
159621	SS98	6:51:52.00	-00:20:16.0	J2000.00	1.420	185.0	20:58:09.7	20.1	B	Kitt Peak	3	1 x 1	
159622	SS98	6:51:52.00	-00:20:16.0	J2000.00	1.420	185.0	20:58:09.7	20.1	B	Kitt Peak	4	1 x 1	
159623	SS98	6:51:51.99	-00:20:16.0	J2000.00	2.098	185.0	22:20:25.4	20.1	B	Kitt Peak	1	1 x 1	crap
159624	SS98	6:51:51.99	-00:20:16.0	J2000.00	2.098	185.0	22:20:25.4	20.1	B	Kitt Peak	5	1 x 1	
159625	SS98	6:51:51.99	-00:20:16.0	J2000.00	2.098	185.0	22:20:25.4	20.1	B	Kitt Peak	3	1 x 1	
159626	SS98	6:51:51.99	-00:20:16.0	J2000.00	2.098	185.0	22:20:25.4	20.1	B	Kitt Peak	4	1 x 1	
159627	SS98	6:51:52.00	-00:20:16.0	J2000.00	2.147	185.0	22:23:48.7	19.6	B	Kitt Peak	1	1 x 1	
159628	SS98	6:51:52.00	-00:20:16.0	J2000.00	2.147	185.0	22:23:48.7	19.6	B	Kitt Peak	5	1 x 1	
159629	SS98	6:51:52.00	-00:20:16.0	J2000.00	2.147	185.0	22:23:48.7	19.6	B	Kitt Peak	3	1 x 1	
159630	SS98	6:51:52.00	-00:20:16.0	J2000.00	2.147	185.0	22:23:48.7	19.6	B	Kitt Peak	4	1 x 1	
159631	SS101	9:56:21.00	-00:27:18.9	J2000.00	1.175	185.0	22:28:22.3	20.1	B	Kitt Peak	1	1 x 1	
159632	SS101	9:56:21.00	-00:27:18.9	J2000.00	1.175	185.0	22:28:22.3	20.1	B	Kitt Peak	5	1 x 1	
159633	SS101	9:56:21.00	-00:27:18.9	J2000.00	1.175	185.0	22:28:22.3	20.1	B	Kitt Peak	3	1 x 1	
159634	SS101	9:56:21.00	-00:27:18.9	J2000.00	1.175	185.0	22:28:22.3	20.1	B	Kitt Peak	4	1 x 1	
159635	SS101	9:56:21.00	-00:27:18.9	J2000.00	1.213	185.0	22:53:52.9	20.1	r	SLOAN	1	1 x 1	
159636	SS101	9:56:21.00	-00:27:18.9	J2000.00	1.213	185.0	22:53:52.9	20.1	r	SLOAN	5	1 x 1	
159637	SS101	9:56:21.00	-00:27:18.9	J2000.00	1.213	185.0	22:53:52.9	20.1	r	SLOAN	3	1 x 1	
159638	SS101	9:56:21.00	-00:27:18.9	J2000.00	1.213	185.0	22:53:52.9	20.1	r	SLOAN	4	1 x 1	
159639	SS101	9:56:21.00	-00:27:18.9	J2000.00	1.220	185.0	22:57:19.3	19.6	B	Kitt Peak	1	1 x 1	
159640	SS101	9:56:21.00	-00:27:18.9	J2000.00	1.220	185.0	22:57:19.3	19.6	B	Kitt Peak	5	1 x 1	
159641	SS101	9:56:21.00	-00:27:18.9	J2000.00	1.220	185.0	22:57:19.3	19.6	B	Kitt Peak	3	1 x 1	

159642	SS101	9:56:21.00	-00:27:18.9	J2000.00	1.220	185.0	22:57:19.3	19.6	B	Kitt Peak	4	1 x 1
159643	SS101	9:56:20.99	-00:27:19.0	J2000.00	1.273	185.0	23:20:15.9	20.1	B	Kitt Peak	1	1 x 1
159644	SS101	9:56:20.99	-00:27:19.0	J2000.00	1.273	185.0	23:20:15.9	20.1	B	Kitt Peak	5	1 x 1
159645	SS101	9:56:20.99	-00:27:19.0	J2000.00	1.273	185.0	23:20:15.9	20.1	B	Kitt Peak	3	1 x 1
159646	SS101	9:56:20.99	-00:27:19.0	J2000.00	1.273	185.0	23:20:15.9	20.1	B	Kitt Peak	4	1 x 1
159647	SS101	9:56:20.99	-00:27:19.0	J2000.00	1.371	185.0	23:50:06.3	20.2	B	Kitt Peak	1	1 x 1
159648	SS101	9:56:20.99	-00:27:19.0	J2000.00	1.371	185.0	23:50:06.3	20.2	B	Kitt Peak	5	1 x 1
159649	SS101	9:56:20.99	-00:27:19.0	J2000.00	1.371	185.0	23:50:06.3	20.2	B	Kitt Peak	3	1 x 1
159650	SS101	9:56:20.99	-00:27:19.0	J2000.00	1.371	185.0	23:50:06.3	20.2	B	Kitt Peak	4	1 x 1
159651	SS101	9:56:21.00	-00:27:19.0	J2000.00	1.499	185.0	00:17:21.5	20.1	B	Kitt Peak	1	1 x 1
159652	SS101	9:56:21.00	-00:27:19.0	J2000.00	1.499	185.0	00:17:21.5	20.1	B	Kitt Peak	5	1 x 1
159653	SS101	9:56:21.00	-00:27:19.0	J2000.00	1.499	185.0	00:17:21.5	20.1	B	Kitt Peak	3	1 x 1
159654	SS101	9:56:21.00	-00:27:19.0	J2000.00	1.499	185.0	00:17:21.5	20.1	B	Kitt Peak	4	1 x 1
159655	ARCT	14:15:38.30	+19:11:05.9	J1999.50	1.016	180.0	02:12:13.1	19.6	B	Kitt Peak	1	1 x 1
159656	ARCT	14:15:38.30	+19:11:05.9	J1999.50	1.016	180.0	02:12:13.1	19.6	B	Kitt Peak	5	1 x 1
159657	ARCT	14:15:38.30	+19:11:05.9	J1999.50	1.016	180.0	02:12:13.1	19.6	B	Kitt Peak	3	1 x 1
159658	ARCT	14:15:38.30	+19:11:05.9	J1999.50	1.016	180.0	02:12:13.1	19.6	B	Kitt Peak	4	1 x 1
159659	ARCT	14:16:34.62	+19:11:05.4	J1999.50	1.022	180.0	02:28:44.9	3.1	B	Kitt Peak	1	1 x 1
159660	ARCT	14:16:34.62	+19:11:05.4	J1999.50	1.022	180.0	02:28:44.9	3.1	B	Kitt Peak	5	1 x 1
159661	ARCT	14:16:34.62	+19:11:05.4	J1999.50	1.022	180.0	02:28:44.9	3.1	B	Kitt Peak	3	1 x 1
159662	ARCT	14:16:34.62	+19:11:05.4	J1999.50	1.022	180.0	02:28:44.9	3.1	B	Kitt Peak	4	1 x 1
159663	CCC	14:17:00.30	+19:19:16.9	J1999.50	1.048	180.0	03:01:46.9	3.1	B	Kitt Peak	1	1 x 1
159664	CCC	14:17:00.30	+19:19:16.9	J1999.50	1.048	180.0	03:01:46.9	3.1	B	Kitt Peak	5	1 x 1
159665	CCC	14:17:00.30	+19:19:16.9	J1999.50	1.048	180.0	03:01:46.9	3.1	B	Kitt Peak	3	1 x 1
159666	CCC	14:17:00.30	+19:19:16.9	J1999.50	1.048	180.0	03:01:46.9	3.1	B	Kitt Peak	4	1 x 1
159667	AAA	14:16:43.70	+19:13:50.8	J1999.50	1.058	180.0	03:09:12.9	3.1	B	Kitt Peak	1	1 x 1
159668	AAA	14:16:43.70	+19:13:50.8	J1999.50	1.058	180.0	03:09:12.9	3.1	B	Kitt Peak	5	1 x 1
159669	AAA	14:16:43.70	+19:13:50.8	J1999.50	1.058	180.0	03:09:12.9	3.1	B	Kitt Peak	3	1 x 1
159670	AAA	14:16:43.70	+19:13:50.8	J1999.50	1.058	180.0	03:09:12.9	3.1	B	Kitt Peak	4	1 x 1
159671	S16+00	16:14:20.74	-03:41:39.4	J2000.00	1.187	180.0	03:40:46.8	3.1	B	Kitt Peak	1	1 x 1
159672	S16+00	16:14:20.74	-03:41:39.4	J2000.00	1.187	180.0	03:40:46.8	3.1	B	Kitt Peak	5	1 x 1
159673	S16+00	16:14:20.74	-03:41:39.4	J2000.00	1.187	180.0	03:40:46.8	3.1	B	Kitt Peak	3	1 x 1
159674	S16+00	16:14:20.74	-03:41:39.4	J2000.00	1.187	180.0	03:40:46.8	3.1	B	Kitt Peak	4	1 x 1