INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:             INT
DATE:                  1998 NOV 18/19
INT TAPE NR:           INTD 3855
OBSERVER:              P. Groot, P. Vreeswyk, S. Howell, M. Everret, D. Davis
PROGRAMME:             WFC survey
PATT/CAT:              WFS10
TELESCOPE OPERATOR:    M. Azzaro
SUPPORT ASTRONOMER:    N/A

FOCUS:                 Prime
INSTRUMENT:            WFC
FILTER WHEEL (PF):     Z, V, U, R
CAMERA (IDS):          -
COLLIMATOR (IDS):      -
COLL. FOCUS (IDS):     -
GRATING (IDS):         -
DETECTOR:              4 EEV 2Kx4K
PIXELS:                2148x4200
PIXEL SIZE (microns): 13.5
WINDOW:                Xstart=0, Xsize=2048, Ystart=0, Ysize=4200
BINNING:               in X=1, in Y=1

WEATHER:               Good
OUTSIDE TEMP (deg C):    6             (FIRST HALF)
OUTSIDE TEMP (deg C):    6             (SECOND HALF)
HUMIDITY (%):           30             (FIRST HALF)
HUMIDITY (%):           33             (SECOND HALF)
CLOUD COVER (%):         5             (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:     0

UTC    TELESCOPE                CASELLA OUT   CASELLA IN    SEEING
       AZ   ZD  Focus  TubeTemp  Temp   Humid  Temp   Humid  Det./TV  Comments

DARK HOURS:            10:37
DOME OPEN (UTC):       18:45
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):   00:30

COMMENTS:

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Run no. Object name              RA         Dec.     Equinox    AM    PA     UT       Exp. T.   Filter      Psys Channel  Binning Comments
 133642 Bias frame           0:00:00.00 +00:00:00.0 J2000.00 1.000 179.9 15:21:05.3      0.0        V     Harris    1      1 x 1
 133643 Bias frame           0:00:00.00 +00:00:00.0 J2000.00 1.000 179.9 15:21:05.3      0.0        V     Harris    5      1 x 1
 133644 Bias frame           0:00:00.00 +00:00:00.0 J2000.00 1.000 179.9 15:21:05.3      0.0        V     Harris    3      1 x 1
 133645 Bias frame           0:00:00.00 +00:00:00.0 J2000.00 1.000 179.9 15:21:05.3      0.0        V     Harris    4      1 x 1
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133646	Skyflat V 30s	19:19:09.00	+12:22:05.0	B1950.00	1.197	179.9	18:47:20.6	30.0	V	Harris	1	1 x 1
133647	Skyflat V 30s	19:19:09.00	+12:22:05.0	B1950.00	1.197	179.9	18:47:20.6	30.0	V	Harris	5	1 x 1
133648	Skyflat V 30s	19:19:09.00	+12:22:05.0	B1950.00	1.197	179.9	18:47:20.6	30.0	V	Harris	3	1 x 1
133649	Skyflat V 30s	19:19:09.00	+12:22:05.0	B1950.00	1.197	179.9	18:47:20.6	30.0	V	Harris	4	1 x 1
133650	Skyflat V 40s	19:19:09.00	+12:22:05.0	B1950.00	1.206	179.9	18:50:47.0	40.0	V	Harris	1	1 x 1
133651	Skyflat V 40s	19:19:09.00	+12:22:05.0	B1950.00	1.206	179.9	18:50:47.0	40.0	V	Harris	5	1 x 1
133652	Skyflat V 40s	19:19:09.00	+12:22:05.0	B1950.00	1.206	179.9	18:50:47.0	40.0	V	Harris	3	1 x 1
133653	Skyflat V 40s	19:19:09.00	+12:22:05.0	B1950.00	1.206	179.9	18:50:47.0	40.0	V	Harris	4	1 x 1
133654	SKyflat V 90s	19:19:09.00	+12:22:05.0	B1950.00	1.221	179.9	18:55:07.3	90.0	V	Harris	1	1 x 1
133655	SKyflat V 90s	19:19:09.00	+12:22:05.0	B1950.00	1.221	179.9	18:55:07.3	90.0	V	Harris	5	1 x 1
133656	SKyflat V 90s	19:19:09.00	+12:22:05.0	B1950.00	1.221	179.9	18:55:07.3	90.0	V	Harris	3	1 x 1
133657	SKyflat V 90s	19:19:09.00	+12:22:05.0	B1950.00	1.221	179.9	18:55:07.3	90.0	V	Harris	4	1 x 1
133658	Focus run	19:19:09.00	+12:23:49.9	B1950.00	1.240	179.9	19:03:03.0	5.1	V	Harris	1	1 x 1
133659	Focus run	19:19:09.00	+12:23:49.9	B1950.00	1.240	179.9	19:03:03.0	5.1	V	Harris	5	1 x 1
133660	Focus run	19:19:09.00	+12:23:49.9	B1950.00	1.240	179.9	19:03:03.0	5.1	V	Harris	3	1 x 1
133661	Focus run	19:19:09.00	+12:23:49.9	B1950.00	1.240	179.9	19:03:03.0	5.1	V	Harris	4	1 x 1
133662	Focus run	19:19:09.00	+12:25:35.0	B1950.00	1.275	179.9	19:13:08.1	4.6	V	Harris	1	1 x 1
133663	Focus run	19:19:09.00	+12:25:35.0	B1950.00	1.275	179.9	19:13:08.1	4.6	V	Harris	5	1 x 1
133664	Focus run	19:19:09.00	+12:25:35.0	B1950.00	1.275	179.9	19:13:08.1	4.6	V	Harris	3	1 x 1
133665	Focus run	19:19:09.00	+12:25:35.0	B1950.00	1.275	179.9	19:13:08.1	4.6	V	Harris	4	1 x 1
133666	Focus run	19:19:09.00	+12:26:04.9	B1950.00	1.316	179.9	19:23:58.8	5.1	V	Harris	1	1 x 1
133667	Focus run	19:19:09.00	+12:26:04.9	B1950.00	1.316	179.9	19:23:58.8	5.1	V	Harris	5	1 x 1
133668	Focus run	19:19:09.00	+12:26:04.9	B1950.00	1.316	179.9	19:23:58.8	5.1	V	Harris	3	1 x 1
133669	Focus run	19:19:09.00	+12:26:04.9	B1950.00	1.316	179.9	19:23:58.8	5.1	V	Harris	4	1 x 1
133670	F_04 600s V	23:46:00.00	+27:30:00.0	J2000.00	1.061	179.9	19:33:40.7	599.4	V	Harris	1	1 x 1
133671	F_04 600s V	23:46:00.00	+27:30:00.0	J2000.00	1.061	179.9	19:33:40.7	599.4	V	Harris	5	1 x 1
133672	F_04 600s V	23:46:00.00	+27:30:00.0	J2000.00	1.061	179.9	19:33:40.7	599.4	V	Harris	3	1 x 1
133673	F_04 600s V	23:46:00.00	+27:30:00.0	J2000.00	1.061	179.9	19:33:40.7	599.4	V	Harris	4	1 x 1
133674	F_04 600s V	23:45:59.99	+27:30:00.0	J2000.00	1.043	179.9	19:46:46.2	599.4	V	Harris	1	1 x 1
133675	F_04 600s V	23:45:59.99	+27:30:00.0	J2000.00	1.043	179.9	19:46:46.2	599.4	V	Harris	5	1 x 1
133676	F_04 600s V	23:45:59.99	+27:30:00.0	J2000.00	1.043	179.9	19:46:46.2	599.4	V	Harris	3	1 x 1
133677	F_04 600s V	23:45:59.99	+27:30:00.0	J2000.00	1.043	179.9	19:46:46.2	599.4	V	Harris	4	1 x 1
133678	F_04 600s V	23:46:00.00	+27:29:59.9	J2000.00	1.030	179.9	19:59:28.5	599.4	V	Harris	1	1 x 1
133679	F_04 600s V	23:46:00.00	+27:29:59.9	J2000.00	1.030	179.9	19:59:28.5	599.4	V	Harris	5	1 x 1
133680	F_04 600s V	23:46:00.00	+27:29:59.9	J2000.00	1.030	179.9	19:59:28.5	599.4	V	Harris	3	1 x 1
133681	F_04 600s V	23:46:00.00	+27:29:59.9	J2000.00	1.030	179.9	19:59:28.5	599.4	V	Harris	4	1 x 1
133682	F_04 600s V	23:46:00.00	+27:29:59.9	J2000.00	1.019	179.9	20:12:08.7	599.4	V	Harris	1	1 x 1
133683	F_04 600s V	23:46:00.00	+27:29:59.9	J2000.00	1.019	179.9	20:12:08.7	599.4	V	Harris	5	1 x 1
133684	F_04 600s V	23:46:00.00	+27:29:59.9	J2000.00	1.019	179.9	20:12:08.7	599.4	V	Harris	3	1 x 1
133685	F_04 600s V	23:46:00.00	+27:29:59.9	J2000.00	1.019	179.9	20:12:08.7	599.4	V	Harris	4	1 x 1
133686	F_05 600s V	23:44:00.00	+27:30:00.0	J2000.00	1.008	179.9	20:26:55.6	599.5	V	Harris	1	1 x 1
133687	F_05 600s V	23:44:00.00	+27:30:00.0	J2000.00	1.008	179.9	20:26:55.6	599.5	V	Harris	5	1 x 1
133688	F_05 600s V	23:44:00.00	+27:30:00.0	J2000.00	1.008	179.9	20:26:55.6	599.5	V	Harris	3	1 x 1
133689	F_05 600s V	23:44:00.00	+27:30:00.0	J2000.00	1.008	179.9	20:26:55.6	599.5	V	Harris	4	1 x 1
133690	F_06 600s V	23:41:59.99	+27:29:59.9	J2000.00	1.002	179.9	20:43:33.8	599.5	V	Harris	1	1 x 1
133691	F_06 600s V	23:41:59.99	+27:29:59.9	J2000.00	1.002	179.9	20:43:33.8	599.5	V	Harris	5	1 x 1
133692	F_06 600s V	23:41:59.99	+27:29:59.9	J2000.00	1.002	179.9	20:43:33.8	599.5	V	Harris	3	1 x 1
133693	F_06 600s V	23:41:59.99	+27:29:59.9	J2000.00	1.002	179.9	20:43:33.8	599.5	V	Harris	4	1 x 1
133694	F_05 600s V	23:43:59.99	+27:30:00.0	J2000.00	1.000	179.9	20:58:13.2	598.9	V	Harris	1	1 x 1
133695	F_05 600s V	23:43:59.99	+27:30:00.0	J2000.00	1.000	179.9	20:58:13.2	598.9	V	Harris	5	1 x 1
133696	F_05 600s V	23:43:59.99	+27:30:00.0	J2000.00	1.000	179.9	20:58:13.2	598.9	V	Harris	3	1 x 1
133697	F_05 600s V	23:43:59.99	+27:30:00.0	J2000.00	1.000	179.9	20:58:13.2	598.9	V	Harris	4	1 x 1
133698	F_05 600s V	23:44:00.00	+27:29:59.9	J2000.00	1.001	179.9	21:10:51.9	599.5	V	Harris	1	1 x 1
133699	F_05 600s V	23:44:00.00	+27:29:59.9	J2000.00	1.001	179.9	21:10:51.9	599.5	V	Harris	5	1 x 1
133700	F_05 600s V	23:44:00.00	+27:29:59.9	J2000.00	1.001	179.9	21:10:51.9	599.5	V	Harris	3	1 x 1
133701	F_05 600s V	23:44:00.00	+27:29:59.9	J2000.00	1.001	179.9	21:10:51.9	599.5	V	Harris	4	1 x 1
133702	F_05 600s V	23:44:00.00	+27:29:59.9	J2000.00	1.004	179.9	21:23:31.2	302.1	V	Harris	1	1 x 1
133703	F_05 600s V	23:44:00.00	+27:29:59.9	J2000.00	1.004	179.9	21:23:31.2	302.1	V	Harris	5	1 x 1
133704	F_05 600s V	23:44:00.00	+27:29:59.9	J2000.00	1.004	179.9	21:23:31.2	302.1	V	Harris	3	1 x 1
133705	F_05 600s V	23:44:00.00	+27:29:59.9	J2000.00	1.004	179.9	21:23:31.2	302.1	V	Harris	4	1 x 1
133706	F_05 600s V	23:44:00.00	+27:29:59.9	J2000.00	1.008	179.9	21:31:16.3	558.3	V	Harris	1	1 x 1
133707	F_05 600s V	23:44:00.00	+27:29:59.9	J2000.00	1.008	179.9	21:31:16.3	558.3	V	Harris	5	1 x 1

133708	F_05 600s V	23:44:00.00	+27:29:59.9	J2000.00	1.008	179.9	21:31:16.3	558.3	V	Harris	3	1 x 1
133709	F_05 600s V	23:44:00.00	+27:29:59.9	J2000.00	1.008	179.9	21:31:16.3	558.3	V	Harris	4	1 x 1
133710	F_04 600s V	23:46:00.00	+27:30:00.0	J2000.00	1.032	179.9	22:06:27.5	599.0	V	Harris	1	1 x 1
133711	F_04 600s V	23:46:00.00	+27:30:00.0	J2000.00	1.032	179.9	22:06:27.5	599.0	V	Harris	5	1 x 1
133712	F_04 600s V	23:46:00.00	+27:30:00.0	J2000.00	1.032	179.9	22:06:27.5	599.0	V	Harris	3	1 x 1
133713	F_04 600s V	23:46:00.00	+27:30:00.0	J2000.00	1.032	179.9	22:06:27.5	599.0	V	Harris	4	1 x 1
133718	F_06 600s V	23:42:00.00	+27:29:59.9	J2000.00	1.059	179.9	22:24:33.5	599.5	V	Harris	1	1 x 1
133719	F_06 600s V	23:42:00.00	+27:29:59.9	J2000.00	1.059	179.9	22:24:33.5	599.5	V	Harris	5	1 x 1
133720	F_06 600s V	23:42:00.00	+27:29:59.9	J2000.00	1.059	179.9	22:24:33.5	599.5	V	Harris	3	1 x 1
133721	F_06 600s V	23:42:00.00	+27:29:59.9	J2000.00	1.059	179.9	22:24:33.5	599.5	V	Harris	4	1 x 1
133722	F_06 600s V	23:41:59.99	+27:29:59.9	J2000.00	1.079	179.9	22:37:29.2	599.0	V	Harris	1	1 x 1
133723	F_06 600s V	23:41:59.99	+27:29:59.9	J2000.00	1.079	179.9	22:37:29.2	599.0	V	Harris	5	1 x 1
133724	F_06 600s V	23:41:59.99	+27:29:59.9	J2000.00	1.079	179.9	22:37:29.2	599.0	V	Harris	3	1 x 1
133725	F_06 600s V	23:41:59.99	+27:29:59.9	J2000.00	1.079	179.9	22:37:29.2	599.0	V	Harris	4	1 x 1
133726	F_10 600s V	2:34:30.00	+15:08:00.0	J2000.00	1.056	179.9	22:54:02.2	599.5	V	Harris	1	1 x 1
133727	F_10 600s V	2:34:30.00	+15:08:00.0	J2000.00	1.056	179.9	22:54:02.2	599.5	V	Harris	5	1 x 1
133728	F_10 600s V	2:34:30.00	+15:08:00.0	J2000.00	1.056	179.9	22:54:02.2	599.5	V	Harris	3	1 x 1
133729	F_10 600s V	2:34:30.00	+15:08:00.0	J2000.00	1.056	179.9	22:54:02.2	599.5	V	Harris	4	1 x 1
133730	F_10 600s V	2:34:30.00	+15:08:00.0	J2000.00	1.045	179.9	23:06:49.0	599.4	V	Harris	1	1 x 1
133731	F_10 600s V	2:34:30.00	+15:08:00.0	J2000.00	1.045	179.9	23:06:49.0	599.4	V	Harris	5	1 x 1
133732	F_10 600s V	2:34:30.00	+15:08:00.0	J2000.00	1.045	179.9	23:06:49.0	599.4	V	Harris	3	1 x 1
133733	F_10 600s V	2:34:30.00	+15:08:00.0	J2000.00	1.045	179.9	23:06:49.0	599.4	V	Harris	4	1 x 1
133734	F_10 600s V	2:34:30.00	+15:08:00.0	J2000.00	1.037	179.9	23:19:34.9	599.4	V	Harris	1	1 x 1
133735	F_10 600s V	2:34:30.00	+15:08:00.0	J2000.00	1.037	179.9	23:19:34.9	599.4	V	Harris	5	1 x 1
133736	F_10 600s V	2:34:30.00	+15:08:00.0	J2000.00	1.037	179.9	23:19:34.9	599.4	V	Harris	3	1 x 1
133737	F_10 600s V	2:34:30.00	+15:08:00.0	J2000.00	1.037	179.9	23:19:34.9	599.4	V	Harris	4	1 x 1
133742	F_10 600s V	2:34:30.00	+15:07:59.9	J2000.00	1.031	179.9	23:32:42.0	599.5	V	Harris	1	1 x 1
133743	F_10 600s V	2:34:30.00	+15:07:59.9	J2000.00	1.031	179.9	23:32:42.0	599.5	V	Harris	5	1 x 1
133744	F_10 600s V	2:34:30.00	+15:07:59.9	J2000.00	1.031	179.9	23:32:42.0	599.5	V	Harris	3	1 x 1
133745	F_10 600s V	2:34:30.00	+15:07:59.9	J2000.00	1.031	179.9	23:32:42.0	599.5	V	Harris	4	1 x 1
133746	F_10 600s V	2:34:29.99	+15:07:59.9	J2000.00	1.029	179.9	23:45:40.3	599.4	V	Harris	1	1 x 1
133747	F_10 600s V	2:34:29.99	+15:07:59.9	J2000.00	1.029	179.9	23:45:40.3	599.4	V	Harris	5	1 x 1
133748	F_10 600s V	2:34:29.99	+15:07:59.9	J2000.00	1.029	179.9	23:45:40.3	599.4	V	Harris	3	1 x 1
133749	F_10 600s V	2:34:29.99	+15:07:59.9	J2000.00	1.029	179.9	23:45:40.3	599.4	V	Harris	4	1 x 1
133750	F_11 600s V	2:36:29.99	+15:18:00.1	J2000.00	1.029	179.9	23:58:39.3	599.4	V	Harris	1	1 x 1
133751	F_11 600s V	2:36:29.99	+15:18:00.1	J2000.00	1.029	179.9	23:58:39.3	599.4	V	Harris	5	1 x 1
133752	F_11 600s V	2:36:29.99	+15:18:00.1	J2000.00	1.029	179.9	23:58:39.3	599.4	V	Harris	3	1 x 1
133753	F_11 600s V	2:36:29.99	+15:18:00.1	J2000.00	1.029	179.9	23:58:39.3	599.4	V	Harris	4	1 x 1
133754	f_12 600 s V	2:38:30.00	+15:28:00.0	J2000.00	1.033	179.9	00:18:47.7	598.9	V	Harris	1	1 x 1
133755	f_12 600 s V	2:38:30.00	+15:28:00.0	J2000.00	1.033	179.9	00:18:47.7	598.9	V	Harris	5	1 x 1
133756	f_12 600 s V	2:38:30.00	+15:28:00.0	J2000.00	1.033	179.9	00:18:47.7	598.9	V	Harris	3	1 x 1
133757	f_12 600 s V	2:38:30.00	+15:28:00.0	J2000.00	1.033	179.9	00:18:47.7	598.9	V	Harris	4	1 x 1
133758	F_11 600s V	2:36:30.00	+15:17:59.9	J2000.00	1.045	179.9	00:35:11.9	599.5	V	Harris	1	1 x 1
133759	F_11 600s V	2:36:30.00	+15:17:59.9	J2000.00	1.045	179.9	00:35:11.9	599.5	V	Harris	5	1 x 1
133760	F_11 600s V	2:36:30.00	+15:17:59.9	J2000.00	1.045	179.9	00:35:11.9	599.5	V	Harris	3	1 x 1
133761	F_11 600s V	2:36:30.00	+15:17:59.9	J2000.00	1.045	179.9	00:35:11.9	599.5	V	Harris	4	1 x 1
133762	F_11 600s V	2:36:29.99	+15:18:00.0	J2000.00	1.056	179.9	00:47:55.7	599.5	V	Harris	1	1 x 1
133763	F_11 600s V	2:36:29.99	+15:18:00.0	J2000.00	1.056	179.9	00:47:55.7	599.5	V	Harris	5	1 x 1
133764	F_11 600s V	2:36:29.99	+15:18:00.0	J2000.00	1.056	179.9	00:47:55.7	599.5	V	Harris	3	1 x 1
133765	F_11 600s V	2:36:29.99	+15:18:00.0	J2000.00	1.056	179.9	00:47:55.7	599.5	V	Harris	4	1 x 1
133766	F_11 600s V	2:36:30.00	+15:18:00.0	J2000.00	1.071	179.9	01:01:34.1	599.5	V	Harris	1	1 x 1
133767	F_11 600s V	2:36:30.00	+15:18:00.0	J2000.00	1.071	179.9	01:01:34.1	599.5	V	Harris	5	1 x 1
133768	F_11 600s V	2:36:30.00	+15:18:00.0	J2000.00	1.071	179.9	01:01:34.1	599.5	V	Harris	3	1 x 1
133769	F_11 600s V	2:36:30.00	+15:18:00.0	J2000.00	1.071	179.9	01:01:34.1	599.5	V	Harris	4	1 x 1
133770	F_10 600s V	2:34:30.00	+15:08:00.0	J2000.00	1.098	179.9	01:17:10.8	599.5	V	Harris	1	1 x 1
133771	F_10 600s V	2:34:30.00	+15:08:00.0	J2000.00	1.098	179.9	01:17:10.8	599.5	V	Harris	5	1 x 1
133772	F_10 600s V	2:34:30.00	+15:08:00.0	J2000.00	1.098	179.9	01:17:10.8	599.5	V	Harris	3	1 x 1
133773	F_10 600s V	2:34:30.00	+15:08:00.0	J2000.00	1.098	179.9	01:17:10.8	599.5	V	Harris	4	1 x 1
133774	F_11 600s V	2:36:30.00	+15:17:59.9	J2000.00	1.125	179.9	01:34:13.4	598.4	V	Harris	1	1 x 1
133775	F_11 600s V	2:36:30.00	+15:17:59.9	J2000.00	1.125	179.9	01:34:13.4	598.4	V	Harris	5	1 x 1
133776	F_11 600s V	2:36:30.00	+15:17:59.9	J2000.00	1.125	179.9	01:34:13.4	598.4	V	Harris	3	1 x 1
133777	F_11 600s V	2:36:30.00	+15:17:59.9	J2000.00	1.125	179.9	01:34:13.4	598.4	V	Harris	4	1 x 1

133778	F_12 600s V	2:38:30.00	+15:28:00.0	J2000.00	1.150	179.9	01:48:01.7	599.4	V	Harris	1	1 x 1	
133779	F_12 600s V	2:38:30.00	+15:28:00.0	J2000.00	1.150	179.9	01:48:01.7	599.4	V	Harris	5	1 x 1	
133780	F_12 600s V	2:38:30.00	+15:28:00.0	J2000.00	1.150	179.9	01:48:01.7	599.4	V	Harris	3	1 x 1	
133781	F_12 600s V	2:38:30.00	+15:28:00.0	J2000.00	1.150	179.9	01:48:01.7	599.4	V	Harris	4	1 x 1	
133782	F_12 600s V	2:38:30.00	+15:28:00.0	J2000.00	1.182	179.9	02:00:51.9	599.4	V	Harris	1	1 x 1	
133783	F_12 600s V	2:38:30.00	+15:28:00.0	J2000.00	1.182	179.9	02:00:51.9	599.4	V	Harris	5	1 x 1	
133784	F_12 600s V	2:38:30.00	+15:28:00.0	J2000.00	1.182	179.9	02:00:51.9	599.4	V	Harris	3	1 x 1	
133785	F_12 600s V	2:38:30.00	+15:28:00.0	J2000.00	1.182	179.9	02:00:51.9	599.4	V	Harris	4	1 x 1	
133786	F_12 600s V	2:38:30.00	+15:28:00.0	J2000.00	1.220	179.9	02:13:37.6	599.5	V	Harris	1	1 x 1	
133787	F_12 600s V	2:38:30.00	+15:28:00.0	J2000.00	1.220	179.9	02:13:37.6	599.5	V	Harris	5	1 x 1	
133788	F_12 600s V	2:38:30.00	+15:28:00.0	J2000.00	1.220	179.9	02:13:37.6	599.5	V	Harris	3	1 x 1	
133789	F_12 600s V	2:38:30.00	+15:28:00.0	J2000.00	1.220	179.9	02:13:37.6	599.5	V	Harris	4	1 x 1	
133790	F_12 600s V	2:38:30.00	+15:27:59.9	J2000.00	1.263	179.9	02:26:22.2	599.4	V	Harris	1	1 x 1	
133791	F_12 600s V	2:38:30.00	+15:27:59.9	J2000.00	1.263	179.9	02:26:22.2	599.4	V	Harris	5	1 x 1	
133792	F_12 600s V	2:38:30.00	+15:27:59.9	J2000.00	1.263	179.9	02:26:22.2	599.4	V	Harris	3	1 x 1	
133793	F_12 600s V	2:38:30.00	+15:27:59.9	J2000.00	1.263	179.9	02:26:22.2	599.4	V	Harris	4	1 x 1	
133794	Unspecified object	7:52:25.00	+20:40:59.9	J2000.00	1.205	179.9	02:41:11.7	599.5	V	Harris	1	1 x 1	F_15 600s V
133795	Unspecified object	7:52:25.00	+20:40:59.9	J2000.00	1.205	179.9	02:41:11.7	599.5	V	Harris	5	1 x 1	F_15 600s V
133796	Unspecified object	7:52:25.00	+20:40:59.9	J2000.00	1.205	179.9	02:41:11.7	599.5	V	Harris	3	1 x 1	F_15 600s V
133797	Unspecified object	7:52:25.00	+20:40:59.9	J2000.00	1.205	179.9	02:41:11.7	599.5	V	Harris	4	1 x 1	F_15 600s V
133798	F_15 600s V	7:52:25.00	+20:40:59.9	J2000.00	1.168	179.9	02:54:05.6	599.4	V	Harris	1	1 x 1	
133799	F_15 600s V	7:52:25.00	+20:40:59.9	J2000.00	1.168	179.9	02:54:05.6	599.4	V	Harris	5	1 x 1	
133800	F_15 600s V	7:52:25.00	+20:40:59.9	J2000.00	1.168	179.9	02:54:05.6	599.4	V	Harris	3	1 x 1	
133801	F_15 600s V	7:52:25.00	+20:40:59.9	J2000.00	1.168	179.9	02:54:05.6	599.4	V	Harris	4	1 x 1	
133802	F_15 600s V	7:52:25.00	+20:41:00.0	J2000.00	1.136	179.9	03:06:56.5	599.5	V	Harris	1	1 x 1	
133803	F_15 600s V	7:52:25.00	+20:41:00.0	J2000.00	1.136	179.9	03:06:56.5	599.5	V	Harris	5	1 x 1	
133804	F_15 600s V	7:52:25.00	+20:41:00.0	J2000.00	1.136	179.9	03:06:56.5	599.5	V	Harris	3	1 x 1	
133805	F_15 600s V	7:52:25.00	+20:41:00.0	J2000.00	1.136	179.9	03:06:56.5	599.5	V	Harris	4	1 x 1	
133806	F_15 600s V	7:52:25.00	+20:41:00.0	J2000.00	1.109	179.9	03:19:42.6	599.3	V	Harris	1	1 x 1	
133807	F_15 600s V	7:52:25.00	+20:41:00.0	J2000.00	1.109	179.9	03:19:42.6	599.3	V	Harris	5	1 x 1	
133808	F_15 600s V	7:52:25.00	+20:41:00.0	J2000.00	1.109	179.9	03:19:42.6	599.3	V	Harris	3	1 x 1	
133809	F_15 600s V	7:52:25.00	+20:41:00.0	J2000.00	1.109	179.9	03:19:42.6	599.3	V	Harris	4	1 x 1	
133810	F_16 600s V	7:54:25.00	+20:36:00.0	J2000.00	1.086	179.9	03:34:17.1	599.3	V	Harris	1	1 x 1	
133811	F_16 600s V	7:54:25.00	+20:36:00.0	J2000.00	1.086	179.9	03:34:17.1	599.3	V	Harris	5	1 x 1	
133812	F_16 600s V	7:54:25.00	+20:36:00.0	J2000.00	1.086	179.9	03:34:17.1	599.3	V	Harris	3	1 x 1	
133813	F_16 600s V	7:54:25.00	+20:36:00.0	J2000.00	1.086	179.9	03:34:17.1	599.3	V	Harris	4	1 x 1	
133814	F_17 600s V	7:56:24.99	+20:29:59.9	J2000.00	1.062	179.9	03:52:00.5	599.4	V	Harris	1	1 x 1	
133815	F_17 600s V	7:56:24.99	+20:29:59.9	J2000.00	1.062	179.9	03:52:00.5	599.4	V	Harris	5	1 x 1	
133816	F_17 600s V	7:56:24.99	+20:29:59.9	J2000.00	1.062	179.9	03:52:00.5	599.4	V	Harris	3	1 x 1	
133817	F_17 600s V	7:56:24.99	+20:29:59.9	J2000.00	1.062	179.9	03:52:00.5	599.4	V	Harris	4	1 x 1	
133818	F_16 600s V	7:54:25.00	+20:36:00.0	J2000.00	1.042	179.9	04:06:13.5	599.4	V	Harris	1	1 x 1	
133819	F_16 600s V	7:54:25.00	+20:36:00.0	J2000.00	1.042	179.9	04:06:13.5	599.4	V	Harris	5	1 x 1	
133820	F_16 600s V	7:54:25.00	+20:36:00.0	J2000.00	1.042	179.9	04:06:13.5	599.4	V	Harris	3	1 x 1	
133821	F_16 600s V	7:54:25.00	+20:36:00.0	J2000.00	1.042	179.9	04:06:13.5	599.4	V	Harris	4	1 x 1	
133822	F_16 600s V	7:54:25.00	+20:36:00.0	J2000.00	1.030	179.9	04:18:59.0	599.5	V	Harris	1	1 x 1	
133823	F_16 600s V	7:54:25.00	+20:36:00.0	J2000.00	1.030	179.9	04:18:59.0	599.5	V	Harris	5	1 x 1	
133824	F_16 600s V	7:54:25.00	+20:36:00.0	J2000.00	1.030	179.9	04:18:59.0	599.5	V	Harris	3	1 x 1	
133825	F_16 600s V	7:54:25.00	+20:36:00.0	J2000.00	1.030	179.9	04:18:59.0	599.5	V	Harris	4	1 x 1	
133826	F_16 600s V	7:54:25.00	+20:35:59.9	J2000.00	1.020	179.9	04:33:21.4	599.6	V	Harris	1	1 x 1	
133827	F_16 600s V	7:54:25.00	+20:35:59.9	J2000.00	1.020	179.9	04:33:21.4	599.6	V	Harris	5	1 x 1	
133828	F_16 600s V	7:54:25.00	+20:35:59.9	J2000.00	1.020	179.9	04:33:21.4	599.6	V	Harris	3	1 x 1	
133829	F_16 600s V	7:54:25.00	+20:35:59.9	J2000.00	1.020	179.9	04:33:21.4	599.6	V	Harris	4	1 x 1	
133830	F_16 600s V	7:54:24.99	+20:36:00.0	J2000.00	1.014	179.9	04:46:09.1	599.5	V	Harris	1	1 x 1	
133831	F_16 600s V	7:54:24.99	+20:36:00.0	J2000.00	1.014	179.9	04:46:09.1	599.5	V	Harris	5	1 x 1	
133832	F_16 600s V	7:54:24.99	+20:36:00.0	J2000.00	1.014	179.9	04:46:09.1	599.5	V	Harris	3	1 x 1	
133833	F_16 600s V	7:54:24.99	+20:36:00.0	J2000.00	1.014	179.9	04:46:09.1	599.5	V	Harris	4	1 x 1	
133834	F_15 600s V	7:52:24.99	+20:41:00.2	J2000.00	1.010	179.9	05:02:53.4	599.5	V	Harris	1	1 x 1	
133835	F_15 600s V	7:52:24.99	+20:41:00.2	J2000.00	1.010	179.9	05:02:53.4	599.5	V	Harris	5	1 x 1	
133836	F_15 600s V	7:52:24.99	+20:41:00.2	J2000.00	1.010	179.9	05:02:53.4	599.5	V	Harris	3	1 x 1	
133837	F_15 600s V	7:52:24.99	+20:41:00.2	J2000.00	1.010	179.9	05:02:53.4	599.5	V	Harris	4	1 x 1	
133838	F_17 600s V	7:56:25.00	+20:30:00.0	J2000.00	1.012	179.9	05:21:54.9	599.4	V	Harris	1	1 x 1	
133839	F_17 600s V	7:56:25.00	+20:30:00.0	J2000.00	1.012	179.9	05:21:54.9	599.4	V	Harris	5	1 x 1	

133840	F_17 600s V	7:56:25.00	+20:30:00.0	J2000.00	1.012	179.9	05:21:54.9	599.4	V	Harris	3	1 x 1
133841	F_17 600s V	7:56:25.00	+20:30:00.0	J2000.00	1.012	179.9	05:21:54.9	599.4	V	Harris	4	1 x 1
133842	F_17 600s V	7:56:25.00	+20:30:00.0	J2000.00	1.015	179.9	05:34:37.7	599.5	V	Harris	1	1 x 1
133843	F_17 600s V	7:56:25.00	+20:30:00.0	J2000.00	1.015	179.9	05:34:37.7	599.5	V	Harris	5	1 x 1
133844	F_17 600s V	7:56:25.00	+20:30:00.0	J2000.00	1.015	179.9	05:34:37.7	599.5	V	Harris	3	1 x 1
133845	F_17 600s V	7:56:25.00	+20:30:00.0	J2000.00	1.015	179.9	05:34:37.7	599.5	V	Harris	4	1 x 1
133846	F_17 600s V	7:56:25.00	+20:30:00.0	J2000.00	1.021	179.9	05:47:23.4	599.3	V	Harris	1	1 x 1
133847	F_17 600s V	7:56:25.00	+20:30:00.0	J2000.00	1.021	179.9	05:47:23.4	599.3	V	Harris	5	1 x 1
133848	F_17 600s V	7:56:25.00	+20:30:00.0	J2000.00	1.021	179.9	05:47:23.4	599.3	V	Harris	3	1 x 1
133849	F_17 600s V	7:56:25.00	+20:30:00.0	J2000.00	1.021	179.9	05:47:23.4	599.3	V	Harris	4	1 x 1
133850	F_17 600s V	7:56:24.99	+20:29:59.9	J2000.00	1.030	179.9	06:00:08.0	599.0	V	Harris	1	1 x 1
133851	F_17 600s V	7:56:24.99	+20:29:59.9	J2000.00	1.030	179.9	06:00:08.0	599.0	V	Harris	5	1 x 1
133852	F_17 600s V	7:56:24.99	+20:29:59.9	J2000.00	1.030	179.9	06:00:08.0	599.0	V	Harris	3	1 x 1
133853	F_17 600s V	7:56:24.99	+20:29:59.9	J2000.00	1.030	179.9	06:00:08.0	599.0	V	Harris	4	1 x 1
133858	F_17 900s I	7:56:24.99	+20:30:00.0	J2000.00	1.065	179.9	06:29:00.3	898.9	I	INT-WFC	1	1 x 1
133859	F_17 900s I	7:56:24.99	+20:30:00.0	J2000.00	1.065	179.9	06:29:00.3	898.9	I	INT-WFC	5	1 x 1
133860	F_17 900s I	7:56:24.99	+20:30:00.0	J2000.00	1.065	179.9	06:29:00.3	898.9	I	INT-WFC	3	1 x 1
133861	F_17 900s I	7:56:24.99	+20:30:00.0	J2000.00	1.065	179.9	06:29:00.3	898.9	I	INT-WFC	4	1 x 1
133862	Sa101-330 I 5s	9:56:33.00	-00:24:56.9	J2000.00	1.152	179.9	06:49:27.4	5.1	I	INT-WFC	1	1 x 1
133863	Sa101-330 I 5s	9:56:33.00	-00:24:56.9	J2000.00	1.152	179.9	06:49:27.4	5.1	I	INT-WFC	5	1 x 1
133864	Sa101-330 I 5s	9:56:33.00	-00:24:56.9	J2000.00	1.152	179.9	06:49:27.4	5.1	I	INT-WFC	3	1 x 1
133865	Sa101-330 I 5s	9:56:33.00	-00:24:56.9	J2000.00	1.152	179.9	06:49:27.4	5.1	I	INT-WFC	4	1 x 1
133866	Sa101-330 V 5s	9:56:32.99	-00:24:56.9	J2000.00	1.151	179.9	06:52:20.9	3.2	V	Harris	1	1 x 1
133867	Sa101-330 V 5s	9:56:32.99	-00:24:56.9	J2000.00	1.151	179.9	06:52:20.9	3.2	V	Harris	5	1 x 1
133868	Sa101-330 V 5s	9:56:32.99	-00:24:56.9	J2000.00	1.151	179.9	06:52:20.9	3.2	V	Harris	3	1 x 1
133869	Sa101-330 V 5s	9:56:32.99	-00:24:56.9	J2000.00	1.151	179.9	06:52:20.9	3.2	V	Harris	4	1 x 1
133870	Skyflat I 60s	13:04:33.00	+29:50:49.0	B1950.00	1.413	179.9	06:57:25.8	60.1	I	INT-WFC	1	1 x 1
133871	Skyflat I 60s	13:04:33.00	+29:50:49.0	B1950.00	1.413	179.9	06:57:25.8	60.1	I	INT-WFC	5	1 x 1
133872	Skyflat I 60s	13:04:33.00	+29:50:49.0	B1950.00	1.413	179.9	06:57:25.8	60.1	I	INT-WFC	3	1 x 1
133873	Skyflat I 60s	13:04:33.00	+29:50:49.0	B1950.00	1.413	179.9	06:57:25.8	60.1	I	INT-WFC	4	1 x 1
133874	Skyflat I 35s	13:04:32.99	+29:50:49.0	B1950.00	1.391	179.9	07:02:04.0	35.1	I	INT-WFC	1	1 x 1
133875	Skyflat I 35s	13:04:32.99	+29:50:49.0	B1950.00	1.391	179.9	07:02:04.0	35.1	I	INT-WFC	5	1 x 1
133876	Skyflat I 35s	13:04:32.99	+29:50:49.0	B1950.00	1.391	179.9	07:02:04.0	35.1	I	INT-WFC	3	1 x 1
133877	Skyflat I 35s	13:04:32.99	+29:50:49.0	B1950.00	1.391	179.9	07:02:04.0	35.1	I	INT-WFC	4	1 x 1
133878	SKyflat I 10s	13:04:33.00	+29:50:49.0	B1950.00	1.370	179.9	07:06:23.5	10.1	I	INT-WFC	1	1 x 1
133879	SKyflat I 10s	13:04:33.00	+29:50:49.0	B1950.00	1.370	179.9	07:06:23.5	10.1	I	INT-WFC	5	1 x 1
133880	SKyflat I 10s	13:04:33.00	+29:50:49.0	B1950.00	1.370	179.9	07:06:23.5	10.1	I	INT-WFC	3	1 x 1
133881	SKyflat I 10s	13:04:33.00	+29:50:49.0	B1950.00	1.370	179.9	07:06:23.5	10.1	I	INT-WFC	4	1 x 1
133882	SKyflat I 10s	13:04:33.00	+29:50:49.0	B1950.00	1.356	179.9	07:09:27.0	3.1	I	INT-WFC	1	1 x 1
133883	SKyflat I 10s	13:04:33.00	+29:50:49.0	B1950.00	1.356	179.9	07:09:27.0	3.1	I	INT-WFC	5	1 x 1
133884	SKyflat I 10s	13:04:33.00	+29:50:49.0	B1950.00	1.356	179.9	07:09:27.0	3.1	I	INT-WFC	3	1 x 1
133885	SKyflat I 10s	13:04:33.00	+29:50:49.0	B1950.00	1.356	179.9	07:09:27.0	3.1	I	INT-WFC	4	1 x 1
133886	SKyflat I 1s	13:04:32.99	+29:50:48.9	B1950.00	1.342	179.9	07:12:37.1	1.1	I	INT-WFC	1	1 x 1
133887	SKyflat I 1s	13:04:32.99	+29:50:48.9	B1950.00	1.342	179.9	07:12:37.1	1.1	I	INT-WFC	5	1 x 1
133888	SKyflat I 1s	13:04:32.99	+29:50:48.9	B1950.00	1.342	179.9	07:12:37.1	1.1	I	INT-WFC	3	1 x 1
133889	SKyflat I 1s	13:04:32.99	+29:50:48.9	B1950.00	1.342	179.9	07:12:37.1	1.1	I	INT-WFC	4	1 x 1