

| OBJECT | CL | MAG | RT ASCN | | | DECLN | | DISP | | APERT | | DATE | START | | | LENGTH | | PROG | COMMENT | | |
|----------|----|------|---------|----|----|-------|----|------|-------|-------|------|------|---------|---------|----|--------|-----|-------|---------|--------------------------|----------|
| | | | HR | MN | SC | DEG | MN | +CAM | IMAGE | OR | LG | | HR | MN | SC | MIN | SC | | | | |
| HD 91316 | 23 | 3.9 | 10 | 30 | 11 | +09 | 34 | L | 2 | 1274 | S | C | 03APR78 | 05 | 05 | 15 | 5 | PR030 | GOOD | | |
| HD 91316 | 23 | 3.9 | 10 | 30 | 11 | +09 | 34 | L | 3 | 1303 | S | C | 03APR78 | 05 | 48 | 13 | 3 | PH030 | GOOD | | |
| +34 1079 | 24 | 8.9 | 05 | 28 | 51 | +34 | 54 | L | 2 | 1275 | S | C | 03APR78 | 09 | 04 | 38 | 20 | PR030 | | | |
| X PFR | 26 | 6.5 | 03 | 52 | 15 | +30 | 54 | H | 3 | 1309 | S | C | 04APR78 | 05 | 34 | 17 | 60 | 00 | UKPOP | | |
| T TAU | 58 | 9.6 | 04 | 19 | 04 | +19 | 25 | L | 2 | 1278 | S | C | 04APR78 | 08 | 04 | 49 | 60 | 00 | UKPOP | | |
| T TAU | 58 | 9.6 | 04 | 19 | 04 | +19 | 25 | L | 3 | 1310 | S | C | 04APR78 | 10 | 01 | 39 | 15 | 00 | UKPOP | | |
| NGC 1275 | 84 | 12.7 | 03 | 16 | 30 | +41 | 20 | L | 2 | 1283 | L | O | 06APR78 | 05 | 42 | 21 | 120 | 00 | UKPOP | WEAK MAXDN=100 | |
| GAM CAS | 20 | 2.2 | 00 | 53 | 41 | +60 | 27 | H | 3 | 1321 | S | C | 06APR78 | 10 | 07 | 24 | 45 | 00 | UKPOP | GOOD-SOME SAT LONG WL | |
| CYG LOOP | 75 | 14.0 | 20 | 54 | 15 | +31 | 33 | L | 3 | 1327 | L | O | 07APR78 | 05 | 53 | 00 | 180 | 00 | BD033 | | |
| CYG LOOP | 75 | 14.0 | 20 | 54 | 15 | +31 | 33 | L | 2 | 1284 | L | O | 07APR78 | 09 | 35 | 00 | 57 | 00 | BD033 | UNDEREXPOSED CII | |
| VV CFP | 57 | 7.0 | 21 | 15 | 14 | +63 | 23 | L | 2 | 1285 | S | C | 08APR78 | 07 | 24 | 00 | 20 | 00 | UKPOP | | |
| NEPTUNE | 03 | 7.7 | 17 | 07 | 43 | -21 | 25 | L | 2 | 1286 | L | O | 08APR78 | 10 | 10 | 00 | 30 | 00 | UKPOP | | |
| HD 50896 | 11 | 6.5 | 06 | 52 | 08 | -23 | 52 | H | 3 | 1335 | S | C | 09APR78 | 06 | 13 | 00 | 8 | 00 | UKPOP | | |
| HD 50896 | 11 | 6.5 | 06 | 52 | 08 | -23 | 52 | H | 2 | 1290 | S | C | 09APR78 | 06 | 41 | 55 | 8 | 00 | UKPOP | | |
| HD 49798 | 16 | 8.3 | 06 | 46 | 35 | -44 | 16 | H | 3 | 1336 | S | C | 09APR78 | 09 | 35 | 00 | 40 | 00 | UKPOP | | |
| HD164032 | 23 | 7.5 | 17 | 57 | 15 | -29 | 48 | L | 3 | 1342 | S | C | 10APR78 | 04 | 52 | 00 | 7 | 00 | PR030 | GOOD, RAD FOCUS | |
| HD164032 | 23 | 7.5 | 17 | 57 | 15 | -29 | 48 | L | 2 | 1296 | S | C | 10APR78 | 06 | 30 | 00 | 10 | 00 | PR030 | GOOD | |
| HD161291 | 23 | 8.9 | 17 | 42 | 42 | -27 | 10 | L | 3 | 1343 | S | C | 10APR78 | 09 | 13 | 00 | 60 | 00 | PR030 | UNDEREXP. | |
| HD 78316 | 36 | 5.1 | 09 | 05 | 02 | +10 | 52 | H | 3 | 1349 | S | C | 11APR78 | 04 | 53 | 00 | 35 | 00 | UKPOP | | |
| HD 78316 | 36 | 5.1 | 09 | 5 | 2 | +10 | 52 | H | 2 | 1303 | S | C | 11APR78 | 06 | 20 | 00 | 20 | 00 | UKPOP | SOME SAT LW | |
| HD 93521 | 12 | 6.9 | 10 | 45 | 34 | +37 | 50 | H | 3 | 1350 | S | C | 11APR78 | 08 | 15 | 00 | 30 | 00 | UKPOP | OVER, OK NEAR 1200+1500 | |
| HD 93521 | 12 | 6.9 | 10 | 45 | 34 | +37 | 50 | H | 2 | 1304 | S | C | 11APR78 | 09 | 30 | 00 | 25 | 00 | UKPOP | SAT LW | |
| MKN509 | 84 | 13.0 | 20 | 41 | 26 | -10 | 54 | L | 3 | 1355 | L | O | 12APR78 | 05 | 11 | 45 | 165 | 00 | UKPOP | OVEREXP. | |
| MKN509 | 84 | 13.0 | 20 | 41 | 26 | -10 | 54 | L | 2 | 1309 | L | O | 12APR78 | 08 | 13 | 00 | 110 | 00 | UKPOP | GOOD, A BIT SAT | |
| HD127762 | 33 | 3.0 | 14 | 30 | 04 | +38 | 32 | H | 2 | 1312 | S | C | 13APR78 | 05 | 42 | 59 | 20 | 00 | AB040 | GAM H00, OVER LW | |
| HD127762 | 33 | 3.0 | 14 | 30 | 04 | +38 | 32 | H | 2 | 1313 | S | C | 13APR78 | 08 | 53 | 57 | 15 | 00 | AB040 | GAM H00, UNDEREXP. | |
| HR3207 | 10 | 1.8 | 08 | 07 | 59 | -47 | 11 | H | 3 | 1358 | S | C | 14APR78 | 05 | 05 | 59 | 3 | 00 | KH052 | GAM2 VEL, SLIGHTLY UXP. | |
| HR3207 | 10 | 1.8 | 08 | 07 | 59 | -47 | 11 | H | 2 | 1315 | S | C | 14APR78 | 06 | 08 | 12 | 5 | 00 | KH052 | GAM2 VEL, OK | |
| HR3207 | 10 | 1.8 | 08 | 07 | 59 | -47 | 11 | H | 2 | 1316 | S | C | 14APR78 | 08 | 03 | 03 | 8 | 00 | KH052 | GAM2 VEC, OK | |
| HR3207 | 10 | 1.8 | 08 | 07 | 59 | -47 | 11 | H | 3 | 1359 | S | C | 14APR78 | 08 | 24 | 59 | 6 | 00 | KH052 | GAM2 VEL, GOOD FOR CONT. | |
| ALF UMA | 46 | 1.8 | 11 | 00 | 40 | +62 | 01 | H | 2 | 1318 | S | C | 15APR78 | 05 | 54 | 00 | 30 | 00 | UKPOP | GOOD | |
| ALF UMA | 46 | 1.8 | 11 | 00 | 40 | +62 | 01 | H | 3 | 1362 | S | C | 15APR78 | 07 | 36 | 00 | 30 | 00 | UKPOP | UXP SW | |
| ALF UMA | 46 | 1.8 | 11 | 00 | 40 | +62 | 01 | H | 2 | 1319 | S | C | 15APR78 | 08 | 42 | 00 | 15 | 00 | UKPOP | GOOD | |
| ALF UMA | 46 | 1.8 | 11 | 00 | 40 | +62 | 01 | L | 3 | 1363 | S | C | 15APR78 | 09 | 30 | 00 | 35 | 00 | UKPOP | SAT. LW | |
| HD 53138 | 23 | 3.0 | 07 | 00 | 56 | -23 | 46 | H | 3 | 1368 | S | C | 16APR78 | 05 | 38 | 30 | 10 | 00 | MHB02 | BIT OXP LW | |
| HD 53138 | 23 | 3.0 | 07 | 00 | 56 | -23 | 46 | H | 2 | 1322 | S | C | 16APR78 | 06 | 45 | 00 | 4 | 00 | MHB02 | BIT OXP LW | |
| HD 57060 | 13 | 4.9 | 07 | 16 | 35 | -24 | 28 | H | 3 | 1369 | S | C | 16APR78 | 08 | 10 | 00 | 7 | 00 | MHB02 | QUITE GOOD | |
| HD 57060 | 13 | 4.9 | 07 | 16 | 35 | -24 | 28 | H | 2 | 1323 | S | C | 16APR78 | 09 | 19 | 24 | 7 | 00 | MHB02 | | |
| FEIGF 86 | 23 | 9.2 | 13 | 36 | 06 | +29 | 37 | L | 3 | 1374 | S | C | 17APR78 | 05 | 45 | 00 | 12 | 00 | MHD02 | | |
| FEIGF 86 | 23 | 9.2 | 13 | 36 | 06 | +29 | 37 | L | 2 | 1327 | S | C | 17APR78 | 07 | 55 | 00 | 15 | 00 | MHD02 | QUITE OVEREXP | |
| HD174638 | 25 | 3.4 | 18 | 48 | 14 | +33 | 19 | H | 3 | 1375 | S | C | 17APR78 | 08 | 55 | 00 | 8 | 00 | MHA02 | OXF LW | |
| HD174638 | 25 | 3.4 | 18 | 48 | 14 | +33 | 19 | H | 2 | 1328 | S | C | 17APR78 | 09 | 54 | 45 | 4 | 00 | MHA02 | | |
| ALFA ORI | 48 | 0.8 | 05 | 52 | 28 | +07 | 24 | L | 3 | 1378 | S | C | 18APR78 | 06 | 20 | 00 | 40 | 00 | UKPOP | GOOD | |
| HD 37023 | 20 | 6.8 | 05 | 32 | 50 | = | 5 | 25 | H | 2 | 1331 | S | C | 18APR78 | 08 | 42 | 00 | 15 | 00 | UKPOP | OVEREXP. |
| HD 37023 | 20 | 6.8 | 05 | 32 | 50 | = | 5 | 25 | H | 2 | 1380 | S | C | 18APR78 | 09 | 55 | 00 | 15 | 00 | UKPOP | OVEREXP. |
| HD 31964 | 33 | 3.0 | 04 | 58 | 22 | +43 | 45 | L | 3 | 1384 | S | C | 19APR78 | 04 | 15 | 00 | 30 | 00 | MHB02 | GOOD-UNDER 1600=2000 | |
| HD 31964 | 33 | 3.0 | 04 | 58 | 22 | +43 | 45 | H | 2 | 1339 | S | C | 19APR78 | 05 | 15 | 00 | 60 | 00 | MHA02 | A BIT OXP/TRACE PREV IMG | |
| HD208816 | 53 | 5.7 | 21 | 55 | 14 | +63 | 23 | L | 3 | 1385 | S | C | 19APR78 | 07 | 30 | 00 | 6 | 00 | MHA02 | NO SPECTRUM | |

| OBJECT | CL | MAG | RT ASCN | | | DECLN | | DISP | | APER | | DATE | START | | | LENGTH | | PROG | COMMENT | |
|----------|----|------|---------|----|----|-------|----|------|-------|------|----|------|---------|----|----|--------|-----|------|---------|-------------------------|
| | | | HR | MN | SC | DEG | MN | +CAM | IMAGE | OB | LG | | HR | MN | SC | MIN | SC | | | |
| HD208A16 | 53 | 5.7 | 21 | 55 | 14 | +63 | 23 | L | 2 | 1385 | L | 0 | 19APR78 | 07 | 45 | 00 | 1 | 00 | MHA02 | NO SPECTRUM |
| HD174638 | 25 | 3.4 | 18 | 48 | 14 | +33 | 18 | H | 3 | 1386 | S | C | 19APR78 | 09 | 33 | 00 | 2 | 00 | MHA02 | GOOD |
| HD 37041 | 13 | 5.2 | 05 | 32 | 55 | -5 | 37 | H | 3 | 1391 | S | C | 20APR78 | 04 | 00 | 00 | 3 | 00 | UKPOP | VERY GOOD THETA2 ORC |
| HD 37041 | 13 | 5.2 | 05 | 32 | 55 | -5 | 37 | H | 2 | 1345 | S | C | 20APR78 | 04 | 10 | 00 | 5 | 00 | UKPOP | UNDEREXP. |
| MKN 205 | 85 | 1.3 | 12 | 19 | 37 | +75 | 35 | L | 3 | 1392 | L | 0 | 20APR78 | 07 | 16 | 00 | 90 | 00 | UKPOP | UNDEREXP. |
| MKN 205 | 85 | 1.3 | 12 | 19 | 37 | +75 | 35 | L | 3 | 1346 | L | 0 | 20APR78 | 09 | 30 | 00 | 30 | 00 | UKPOP | UNDEREXP. |
| HD156385 | 10 | 7.8 | 17 | 15 | 49 | -45 | 35 | H | 3 | 1395 | S | C | 21APR78 | 05 | 09 | 21 | 20 | 00 | UKPOP | SLIGHTLY UNDEREXP. |
| HD155385 | 10 | 7.8 | 17 | 15 | 49 | -45 | 35 | H | 2 | 1353 | S | C | 21APR78 | 06 | 20 | 27 | 20 | 00 | UKPOP | QUITE GOOD |
| HD160641 | 13 | 9.8 | 17 | 38 | 55 | -17 | 53 | L | 3 | 1396 | S | C | 21APR78 | 09 | 57 | 00 | 13 | 00 | UKPOP | NOPREP |
| HD181615 | 36 | 4.6 | 19 | 18 | 52 | -16 | 03 | H | 3 | 1398 | S | C | 22APR78 | 04 | 44 | 12 | 60 | 00 | MHA02 | GOOD U SGR |
| HD181615 | 36 | 4.6 | 19 | 18 | 52 | -16 | 03 | H | 2 | 1361 | S | C | 22APR78 | 06 | 24 | 26 | 10 | 00 | MHA02 | GOOD U SGR |
| HD182917 | 57 | 7.0 | 19 | 23 | 14 | 50 | 09 | L | 3 | 1399 | S | C | 22APR78 | 09 | 00 | 00 | 45 | 00 | MHA02 | GOOD CH CYG |
| P CYG | 23 | 5.0 | 20 | 15 | 56 | +37 | 53 | L | 3 | 1404 | S | C | 23APR78 | 06 | 01 | 12 | 1 | 30 | VILSP | OVEREXP LW |
| P CYG | 23 | 5.0 | 20 | 15 | 56 | +37 | 53 | H | 2 | 1371 | S | C | 23APR78 | 08 | 35 | 03 | 35 | 00 | VILSP | OVEREXP LW |
| MKN 501 | 87 | 13.0 | 16 | 52 | 12 | +39 | 50 | L | 2 | 1377 | L | 0 | 24APR78 | 05 | 02 | 34 | 150 | 00 | UKPOP | MAX DN 40 |
| MKN 501 | 87 | 13.0 | 16 | 52 | 12 | +39 | 50 | L | 3 | 1407 | L | 0 | 24APR78 | 08 | 21 | 37 | 110 | 00 | UKPOP | MAX DN 70 |
| HD 68273 | 10 | 1.8 | 08 | 07 | 59 | -47 | 11 | H | 3 | 1413 | S | C | 25APR78 | 05 | 56 | 00 | 5 | | KH052 | GOOD |
| T0109-38 | 84 | 14.0 | 01 | 09 | 10 | -38 | 21 | L | 3 | 1420 | L | 0 | 26APR78 | 05 | 03 | 00 | 180 | 00 | UKPOP | NO SPECTRUM |
| HD 68273 | 10 | 1.8 | 08 | 07 | 59 | -47 | 11 | H | 2 | 1396 | S | C | 27APR78 | 03 | 58 | 10 | 7 | | KH052 | GAM2 VEL |
| HD 68273 | 10 | 1.8 | 08 | 07 | 59 | -47 | 11 | H | 3 | 1425 | S | C | 27APR78 | 05 | 10 | 00 | 5 | | KH052 | GOOD |
| HD174638 | 25 | 3.4 | 18 | 48 | 14 | +33 | 18 | H | 3 | 1426 | S | C | 27APR78 | 06 | 45 | 00 | 2 | | MHA02 | 9GOOD |
| HD174638 | 25 | 3.4 | 18 | 48 | 14 | +33 | 18 | H | 2 | 1397 | S | C | 27APR78 | 07 | 30 | 00 | 2 | | MHA02 | GOOD |
| HD192909 | 46 | 3.9 | 20 | 13 | 55 | +47 | 34 | H | 3 | 1427 | S | C | 27APR78 | 09 | 00 | 00 | 30 | 00 | MHA02 | UNDEREXP. |
| HZ HER | 59 | 14.0 | 16 | 56 | 02 | +35 | 25 | L | 3 | 1432 | L | 0 | 28APR78 | 04 | 49 | 00 | 150 | 00 | UKIXR | |
| HZ HER | 59 | 14.0 | 16 | 56 | 02 | +35 | 25 | L | 2 | 1405 | L | 0 | 28APR78 | 07 | 49 | 00 | 130 | 00 | UKIXR | |
| 1145-61 | 59 | 9.0 | 11 | 45 | 34 | -61 | 56 | L | 3 | 1435 | S | C | 29APR78 | 06 | 40 | 00 | 5 | 00 | UKIXR | A BIT UXP MAXDN 120 |
| 1145-61 | 59 | 9.0 | 11 | 45 | 34 | -61 | 56 | L | 2 | 1415 | S | C | 29APR78 | 07 | 25 | 00 | 5 | 00 | UKIXR | GOOD |
| VELA X1 | 59 | 6.9 | 09 | 00 | 13 | -40 | 21 | H | 3 | 1442 | L | 0 | 30APR78 | 03 | 28 | 50 | 180 | 00 | XRB01 | GOOD |
| VELA X1 | 59 | 6.9 | 09 | 00 | 13 | -40 | 21 | H | 2 | 1418 | L | 0 | 30APR78 | 06 | 43 | 00 | 70 | 00 | XRB01 | GOOD FEW PIX OVEREXP. |
| GAM CAS | 59 | 2.6 | 00 | 53 | 41 | +60 | 27 | H | 3 | 1448 | S | C | 01MAY78 | 00 | 47 | 14 | 45 | | XRB01 | OVEREXP. |
| GAM CAS | 59 | 2.6 | 00 | 53 | 41 | +60 | 27 | H | 2 | 1423 | S | C | 01MAY78 | 01 | 37 | 17 | 6 | | XRB01 | MAX DN 120, UNDEREXP. |
| GAM CAS | 59 | 2.6 | 00 | 53 | 41 | +60 | 27 | H | 3 | 1449 | S | C | 01MAY78 | 02 | 30 | 15 | 15 | | XRB01 | GOOD |
| GAM CAS | 59 | 2.6 | 00 | 53 | 41 | +60 | 27 | H | 2 | 1424 | S | C | 01MAY78 | 03 | 18 | 09 | 10 | | XRB01 | SLIGHTLY UNDEREXP. |
| AM HER | 59 | 12.8 | 18 | 14 | 59 | +49 | 51 | L | 3 | 1450 | S | C | 01MAY78 | 04 | 37 | 28 | 180 | 00 | XRB01 | GOOD |
| LMC X4 | 59 | 13.8 | 05 | 32 | 48 | -66 | 24 | L | 3 | 1458 | L | 0 | 02MAY78 | 01 | 50 | 30 | 60 | 00 | UKIXR | UNDEREXP WRONG STAR |
| LMC X4 | 59 | 13.8 | 05 | 32 | 48 | -66 | 24 | L | 2 | 1427 | L | 0 | 02MAY78 | 03 | 03 | 12 | 100 | 00 | UKIXR | SLIGHTLY UNDEREXP WRONG |
| LMC X4 | 59 | 13.8 | 05 | 32 | 48 | -66 | 24 | L | 3 | 1459 | L | 0 | 02MAY78 | 04 | 56 | 23 | 150 | 00 | UKIXR | 1600A UNDEREXP WRONG ST |
| SCO X1 | 59 | 13.0 | 16 | 17 | 04 | -15 | 31 | L | 3 | 1467 | L | 0 | 03MAY78 | 01 | 10 | 23 | 40 | 00 | UKIXR | VERY GOOD |
| SCO X1 | 59 | 13.0 | 16 | 17 | 04 | -15 | 31 | L | 2 | 1431 | L | 0 | 03MAY78 | 02 | 07 | 09 | 40 | 00 | UKIXR | GOOD |
| SCO X1 | 59 | 13.0 | 16 | 17 | 04 | -15 | 31 | L | 3 | 1468 | L | 0 | 03MAY78 | 03 | 00 | 18 | 40 | 00 | UKIXR | GOOD |
| SCO X1 | 59 | 13.0 | 16 | 17 | 04 | -15 | 31 | L | 2 | 1432 | L | 0 | 03MAY78 | 03 | 47 | 27 | 40 | 00 | UKIXR | GOOD |
| AM HER | 59 | 12.5 | 18 | 14 | 59 | +49 | 51 | L | 3 | 1469 | S | C | 03MAY78 | 05 | 47 | 45 | 45 | 00 | XRB01 | GOOD |
| AM HER | 59 | 12.5 | 18 | 14 | 59 | +49 | 51 | L | 2 | 1433 | L | 0 | 03MAY78 | 06 | 44 | 28 | 30 | 00 | XRB01 | GOOD |
| HD153919 | 59 | 6.6 | 17 | 00 | 32 | -37 | 46 | H | 3 | 1476 | S | C | 04MAY78 | 02 | 18 | 25 | 40 | 00 | XRB01 | GOOD |
| HD153919 | 59 | 6.6 | 17 | 00 | 32 | -37 | 46 | H | 2 | 1437 | S | C | 04MAY78 | 03 | 06 | 59 | 30 | 00 | XRB01 | A BIT UNDEREXP. |
| LMC X4 | 59 | 13.8 | 05 | 32 | 48 | -66 | 24 | L | 3 | 1477 | L | 0 | 04MAY78 | 05 | 11 | 51 | 60 | 00 | XRB01 | GOOD |
| LMC X4 | 59 | 13.8 | 05 | 32 | 48 | -66 | 24 | L | 2 | 1438 | L | 0 | 04MAY78 | 06 | 25 | 32 | 60 | 00 | XRB01 | GOOD |
| 7 AND | 57 | 10.8 | 23 | 31 | 15 | +48 | 32 | L | 3 | 1485 | L | 0 | 05MAY78 | 02 | 22 | 00 | 60 | 00 | YB032 | GOOD |

| OBJECT | CL | MAG | RT ASCN | | | DECLN | | DISP | | APERT | | DATE | START | | | LENGTH | | PROG | COMMENT | |
|-----------|----|------|---------|----|----|-------|----|------|-------|-------|----|------|---------|----|----|--------|-----|------|---------|-----------------------|
| | | | HR | MN | SC | DEG | NN | +CAM | IMAGE | OB | LG | | HR | MN | SC | MIN | SC | | | |
| HR 5999 | 33 | 6.9 | 16 | 05 | 13 | -38 | 58 | L | 2 | 1442 | S | C | 05MAY78 | 05 | 53 | 00 | 5 | 00 | VB032 | |
| HR 5999 | 33 | 6.9 | 16 | 05 | 13 | -38 | 58 | L | 2 | 1442 | L | O | 05MAY78 | 06 | 05 | 20 | 10 | 00 | VB032 | QUITE GOOD |
| HR 5999 | 33 | 6.9 | 16 | 05 | 13 | -38 | 58 | L | 2 | 1486 | L | O | 05MAY78 | 07 | 04 | 00 | 20 | 00 | VB032 | OVEREXP OVER 1600 |
| 3C 273 | 85 | 13.0 | 12 | 26 | 33 | +2 | 20 | L | 3 | 1492 | S | O | 06MAY78 | 02 | 40 | 56 | 180 | 00 | XGAL | GOOD LYALF+CIV SATUR. |
| 3C 273 | 85 | 13.0 | 12 | 26 | 33 | +2 | 20 | L | 2 | 1447 | S | O | 06MAY78 | 05 | 54 | 20 | 105 | 00 | XGAL | GOOD |
| 3C 273 | 85 | 13.0 | 12 | 26 | 33 | +2 | 20 | L | 3 | 1450 | S | O | 07MAY78 | 01 | 47 | 00 | 240 | 00 | XGAL | |
| 3C 273 | 85 | 13.0 | 12 | 26 | 33 | +2 | 20 | L | 3 | 1498 | S | O | 07MAY78 | 06 | 26 | 00 | 60 | 00 | XGAL | |
| NGC 4151 | 84 | 11.7 | 12 | 08 | 00 | +39 | 41 | L | 3 | 1504 | S | C | 08MAY78 | 03 | 00 | 00 | 60 | 00 | XGAL | NO SPECTRUM |
| NGC 4151 | 84 | 11.7 | 12 | 08 | 00 | +39 | 41 | L | 2 | 1456 | S | C | 08MAY78 | 05 | 19 | 00 | 60 | 00 | XGAL | NO SPECTRUM |
| NGC 4151 | 84 | 11.7 | 12 | 08 | 00 | +39 | 41 | L | 3 | 1505 | S | C | 08MAY78 | 07 | 00 | 00 | 40 | 00 | XGAL | GOOD |
| 3C 273 | 85 | 13.0 | 12 | 26 | 33 | +2 | 20 | L | 3 | 1509 | S | C | 09MAY78 | 02 | 44 | 00 | 180 | 00 | XGAL | |
| NGC 4151 | 84 | 11.7 | 12 | 08 | 00 | +39 | 41 | L | 2 | 1463 | S | C | 09MAY78 | 06 | 41 | 00 | 60 | 00 | XGAL | |
| HR 5999 | 33 | 6.9 | 16 | 05 | 13 | -38 | 58 | L | 2 | 1465 | S | C | 10MAY78 | 01 | 40 | 00 | 5 | 00 | GG005 | A BIT UNDEREXP. |
| HR 5999 | 33 | 6.9 | 16 | 05 | 13 | -38 | 58 | L | 3 | 1514 | S | C | 10MAY78 | 01 | 54 | 53 | 20 | 00 | GG005 | A BIT UNDEREXP |
| RU LUP | 58 | 11.0 | 15 | 53 | 22 | -37 | 40 | L | 2 | 1466 | S | C | 10MAY78 | 04 | 00 | 00 | 120 | 00 | GG005 | GOOD |
| AL CEN A | 44 | 00.0 | 14 | 36 | 11 | -60 | 38 | H | 2 | 1467 | S | C | 10MAY78 | 07 | 15 | 00 | 1 | 00 | FG004 | |
| NGC 4151 | 84 | 11.0 | 12 | 08 | 00 | +39 | 42 | L | 3 | 1518 | S | C | 11MAY78 | 01 | 14 | 00 | 240 | 00 | XGAL | CONTIN. OVEREXP |
| NGC 4151 | 84 | 11.0 | 12 | 08 | 00 | +39 | 42 | L | 3 | 1519 | S | C | 11MAY78 | 06 | 40 | 00 | 60 | 00 | XGAL | |
| NGC 4151 | 84 | 11.0 | 12 | 08 | 00 | +39 | 42 | L | 3 | 1523 | S | C | 12MAY78 | 01 | 12 | 07 | 120 | 00 | XGAL | GOOD |
| NGC 4151 | 84 | 11.0 | 12 | 08 | 00 | +39 | 42 | L | 2 | 1476 | S | C | 12MAY78 | 03 | 23 | 01 | 120 | 00 | XGAL | |
| NGC 4151 | 84 | 11.0 | 12 | 08 | 00 | +39 | 42 | L | 3 | 1524 | S | C | 12MAY78 | 05 | 37 | 00 | 120 | 00 | XGAL | |
| HR 4915 | 25 | 2.9 | 12 | 53 | 41 | +38 | 35 | H | 2 | 1477 | S | C | 12MAY78 | 08 | 41 | 54 | 1 | 00 | VILSP | NO SPECTRUM |
| 3C 382 | 85 | 14.5 | 18 | 33 | 12 | +32 | 39 | L | 2 | 1479 | L | O | 13MAY78 | 01 | 08 | 25 | 180 | 00 | UKPOP | MAXDN=130 |
| 3C 382 | 86 | 14.5 | 18 | 31 | 12 | +32 | 39 | L | 3 | 1530 | L | O | 13MAY78 | 04 | 56 | 31 | 165 | 00 | UKPOP | UNDEREXP |
| HD 147889 | 20 | 7.9 | 16 | 22 | 23 | -24 | 21 | L | 3 | 1539 | S | C | 14MAY78 | 01 | 12 | 00 | 9 | 00 | UKPOP | QUITE GOOD |
| HD 147889 | 20 | 7.9 | 16 | 22 | 23 | -24 | 21 | L | 2 | 1488 | S | C | 14MAY78 | 01 | 29 | 00 | 6 | 00 | UKPOP | QUITE GOOD |
| HD 142669 | 20 | 3.9 | 15 | 33 | 47 | -29 | 04 | L | 3 | 1540 | S | C | 14MAY78 | 04 | 00 | 00 | 3 | 00 | UKPOP | QUITE GOOD |
| HD 142669 | 20 | 3.9 | 15 | 33 | 47 | -29 | 04 | L | 2 | 1489 | S | C | 14MAY78 | 04 | 10 | 00 | 1 | 00 | UKPOP | QUITE GOOD |
| HD 142669 | 20 | 3.9 | 15 | 33 | 47 | -29 | 04 | L | 2 | 1490 | S | C | 14MAY78 | 07 | 03 | 42 | 12 | 00 | UKPOP | GOOD |
| GAM2 VEL | 10 | 1.8 | 08 | 07 | 59 | -47 | 11 | H | 3 | 1545 | S | C | 15MAY78 | 00 | 52 | 00 | 5 | | KH052 | GOOD |
| GAM2 VEL | 10 | 1.8 | 08 | 07 | 59 | -47 | 11 | H | 2 | 1497 | S | C | 15MAY78 | 01 | 39 | 00 | 7 | | KH052 | GOOD |
| GAM2 VEL | 10 | 1.8 | 08 | 07 | 59 | -47 | 11 | H | 3 | 1546 | S | C | 15MAY78 | 02 | 23 | 00 | 6 | | KH052 | GOOD |
| GAM2 VEL | 10 | 1.8 | 08 | 07 | 59 | -47 | 11 | H | 2 | 1498 | S | C | 15MAY78 | 03 | 04 | 00 | 8 | | KH052 | GOOD |
| HR 3165 | 13 | 2.3 | 08 | 01 | 49 | -39 | 51 | H | 3 | 1547 | S | C | 15MAY78 | 04 | 20 | 00 | 7 | | KH052 | GOOD |
| HD 214080 | 23 | 6.8 | 22 | 33 | 25 | -16 | 39 | H | 3 | 1555 | S | C | 16MAY78 | 01 | 05 | 58 | 50 | 00 | UKPOP | GOOD SHORT OF 1550R |
| NGC 246 | 70 | 11.9 | 00 | 44 | 35 | -12 | 09 | L | 2 | 1502 | S | C | 16MAY78 | 03 | 09 | 04 | 6 | 00 | UKPOP | UNDEREXP |
| NGC 246 | 70 | 11.9 | 00 | 44 | 35 | -12 | 09 | L | 3 | 1556 | S | C | 16MAY78 | 04 | 07 | 39 | 30 | 00 | UKPOP | VERY UNDEREXP |
| NGC 246 | 70 | 11.9 | 00 | 44 | 35 | -12 | 09 | L | 2 | 1503 | S | C | 16MAY78 | 04 | 46 | 10 | 30 | 00 | UKPOP | UNDEREXP |
| HD 168476 | 27 | 9.4 | 18 | 18 | 59 | -56 | 39 | L | 3 | 1557 | S | C | 16MAY78 | 06 | 44 | 54 | 45 | 00 | UKPOP | OVEREXP |
| AL CEN A | 44 | 0.3 | 14 | 36 | 11 | -60 | 38 | H | 2 | 1506 | S | C | 17MAY78 | 02 | 24 | 21 | 1 | 00 | UKPOP | START OUT AP |
| HD 168476 | 27 | 9.4 | 18 | 18 | 59 | -56 | 39 | L | 2 | 1507 | S | C | 17MAY78 | 03 | 52 | 10 | 10 | 00 | UKPOP | OK SW OXP LW |
| HD 214080 | 23 | 6.8 | 22 | 33 | 24 | -16 | 39 | H | 3 | 1562 | S | C | 17MAY78 | 05 | 30 | 37 | 30 | 00 | UKPOP | GOOD |
| NGC 246 | 70 | 11.9 | 00 | 44 | 35 | -12 | 09 | L | 3 | 1563 | S | C | 17MAY78 | 07 | 23 | 47 | 4 | 00 | UKPOP | UNDEREXP |
| HR 5999 | 33 | 6.9 | 16 | 05 | 13 | -38 | 58 | L | 3 | 1569 | S | C | 18MAY78 | 01 | 02 | 12 | 8 | 00 | GG005 | GOOD |
| HR 5999 | 33 | 6.9 | 16 | 05 | 13 | -38 | 58 | L | 3 | 1569 | L | O | 18MAY78 | 01 | 36 | 30 | 16 | 00 | GG005 | GOOD |
| HR 5999 | 33 | 6.9 | 16 | 05 | 13 | -38 | 58 | L | 2 | 1511 | S | C | 18MAY78 | 02 | 31 | 33 | 4 | 00 | GG005 | GOOD |
| HR 5999 | 33 | 6.9 | 16 | 05 | 13 | -38 | 58 | L | 2 | 1511 | L | O | 18MAY78 | 02 | 46 | 56 | 8 | 00 | GG005 | GOOD |
| RU LUP | 58 | 10.0 | 15 | 53 | 22 | -37 | 40 | L | 3 | 1570 | L | O | 18MAY78 | 04 | 41 | 30 | 180 | 00 | GG005 | QUITE GOOD |

| OBJECT | CL | MAG | RT ASCN | | | DECLN | | DISP +CAM | IMAGE | APERT | | DATE | START | | | LENGTH | | PROG | COMMENT | |
|----------|----|------|---------|----|----|-------|----|--------------|-------|-------|----|------|---------|----|----|--------|-----|------|---------|---------------------------|
| | | | HR | MN | SC | DEG | MM | | | OR | LG | | HR | MN | SC | MIN | SC | | | |
| DI CEP | 58 | 11.5 | 22 | 54 | 00 | +58 | 24 | L | 2 | 1514 | L | 0 | 19MAY78 | 02 | 26 | 06 | 60 | 00 | GG005 | QUITE GOOD |
| AL CFN A | 44 | 0.0 | 14 | 35 | 11 | -60 | 38 | M | 2 | 1515 | S | C | 19MAY78 | 06 | 05 | 38 | 3 | 00 | FG004 | GOOD |
| AL CFN A | 44 | 0.0 | 14 | 36 | 11 | -60 | 38 | M | 2 | 1516 | S | C | 19MAY78 | 07 | 27 | 08 | 10 | 00 | FG004 | NO SPECTRUM |
| +75 325 | 16 | 9.5 | 08 | 04 | 43 | +75 | 07 | L | 3 | 1581 | S | C | 20MAY78 | 01 | 24 | 00 | 1 | 00 | UKPOP | OVEREXP |
| +75 325 | 16 | 9.5 | 08 | 04 | 43 | +75 | 07 | L | 3 | 1581 | L | 0 | 20MAY78 | 01 | 30 | 00 | 1 | 00 | UKPOP | OVEREXP |
| +75 325 | 16 | 9.5 | 08 | 04 | 43 | +75 | 07 | L | 2 | 1520 | L | 0 | 20MAY78 | 02 | 05 | 00 | 3 | 00 | UKPOP | OVEREXP |
| +75 325 | 16 | 9.5 | 08 | 04 | 43 | +75 | 07 | L | 2 | 1520 | S | C | 20MAY78 | 02 | 17 | 51 | 3 | 00 | UKPOP | OVEREXP |
| TITAN | 04 | 8.0 | 09 | 46 | 28 | +15 | 00 | L | 2 | 1521 | S | C | 20MAY78 | 04 | 25 | 00 | 30 | 00 | UKPOP | UNDEREXP MAXDN 120 |
| TITAN | 04 | 8.0 | 09 | 46 | 28 | +15 | 00 | L | 3 | 1582 | S | C | 20MAY78 | 05 | 05 | 00 | 30 | 00 | UKPOP | NO SPECTRUM |
| +75 325 | 16 | 9.5 | 08 | 04 | 43 | +75 | 07 | L | 3 | 1583 | L | 0 | 20MAY78 | 07 | 16 | 40 | 30 | 00 | UKPOP | GOOD |
| +75 325 | 16 | 9.5 | 08 | 04 | 43 | +75 | 07 | L | 3 | 1583 | S | C | 20MAY78 | 07 | 19 | 58 | 30 | 00 | UKPOP | GOOD |
| +75 325 | 16 | 9.5 | 08 | 04 | 43 | +75 | 07 | L | 2 | 1522 | S | C | 20MAY78 | 07 | 27 | 00 | 1 | 00 | UKPOP | QUITE GOOD |
| +75 325 | 16 | 9.5 | 08 | 04 | 43 | +75 | 07 | L | 2 | 1522 | L | 0 | 20MAY78 | 07 | 39 | 20 | 1 | 00 | UKPOP | QUITE GOOD |
| HD181615 | 36 | 4.6 | 19 | 18 | 52 | -16 | 03 | M | 2 | 1528 | S | C | 21MAY78 | 02 | 15 | 00 | 10 | 00 | MHA02 | OK LWJ NU SGR |
| HD181615 | 36 | 4.6 | 19 | 18 | 52 | -16 | 03 | M | 3 | 1592 | S | C | 21MAY78 | 02 | 35 | 00 | 60 | 00 | MHA02 | GOOD |
| P. CYG | 23 | 5.0 | 20 | 15 | 56 | +37 | 53 | M | 3 | 1593 | S | C | 21MAY78 | 05 | 10 | 00 | 60 | 00 | VILSP | GOOD |
| V444 CYG | 10 | 8.4 | 20 | 17 | 43 | +38 | 34 | M | 2 | 1529 | S | C | 21MAY78 | 06 | 38 | 00 | 35 | 00 | VILSP | UXP X5 |
| V444 CYG | 10 | 8.4 | 20 | 17 | 43 | +38 | 34 | M | 3 | 1594 | S | C | 21MAY78 | 07 | 28 | 00 | 30 | 00 | VILSP | NO SPECTRUM |
| HR 4952 | 10 | 5.6 | 13 | 04 | 52 | -65 | 02 | M | 3 | 1599 | S | C | 22MAY78 | 01 | 16 | 33 | 6 | 30 | KH052 | GOOD THETA MUS |
| HR 4952 | 10 | 5.6 | 13 | 04 | 52 | -65 | 02 | M | 2 | 1535 | S | C | 22MAY78 | 02 | 15 | 12 | 8 | 30 | KH052 | QUITE GOOD |
| HR 4952 | 10 | 5.6 | 13 | 04 | 52 | -65 | 02 | M | 2 | 1536 | S | C | 22MAY78 | 03 | 32 | 07 | 5 | 00 | KH052 | QUITE GOOD |
| ETA CAR | 23 | 8.0 | 10 | 43 | 11 | -59 | 47 | L | 3 | 1600 | S | C | 22MAY78 | 05 | 38 | 00 | 1 | 30 | VR032 | QUITE GOOD |
| ETA CAR | 23 | 8.0 | 10 | 43 | 11 | -59 | 47 | L | 3 | 1600 | L | 0 | 22MAY78 | 05 | 54 | 00 | 5 | 00 | VR032 | OVEREXP LW |
| ETA CAR | 23 | 8.0 | 10 | 43 | 11 | -59 | 47 | M | 2 | 1537 | S | C | 22MAY78 | 06 | 20 | 00 | 35 | 00 | VR032 | GOOD |
| HR 3207 | 10 | 1.8 | 08 | 07 | 59 | -47 | 11 | M | 3 | 1605 | S | C | 23MAY78 | 01 | 04 | 40 | 5 | 00 | UKPOP | GOOD GAM2 VEL |
| HR 3207 | 10 | 1.8 | 08 | 07 | 59 | -47 | 11 | M | 2 | 1543 | S | C | 23MAY78 | 01 | 53 | 39 | 7 | 00 | UKPOP | GOOD MAX DN 240 |
| HR 3207 | 10 | 1.8 | 08 | 07 | 59 | -47 | 11 | M | 3 | 1606 | S | C | 23MAY78 | 02 | 38 | 12 | 5 | 00 | UKPOP | GOOD, 1909 SAT |
| HD 93521 | 12 | 6.9 | 10 | 45 | 34 | +37 | 50 | M | 3 | 1607 | S | C | 23MAY78 | 05 | 07 | 24 | 10 | 00 | UKPOP | VERY GOOD |
| HD 93521 | 12 | 6.9 | 10 | 45 | 34 | +37 | 50 | M | 2 | 1544 | S | C | 23MAY78 | 05 | 43 | 37 | 10 | 00 | UKPOP | GOOD |
| HR 5340 | 46 | -0.1 | 14 | 13 | 23 | +19 | 26 | L | 3 | 1608 | S | C | 23MAY78 | 06 | 57 | 14 | 40 | 00 | UKPOP | QUITE GOOD |
| S67-57 | 23 | 12.4 | 05 | 11 | 16 | -67 | 20 | L | 2 | 1552 | S | C | 24MAY78 | 04 | 01 | 38 | 120 | 00 | UKPOP | OVEREXP 2700A |
| S67-108 | 23 | 12.5 | 05 | 26 | 33 | -67 | 40 | L | 3 | 1620 | S | C | 24MAY78 | 07 | 18 | 00 | 25 | 00 | UKPOP | NO SPECTRUM |
| ETA CAR | 23 | 8.0 | 10 | 43 | 11 | -59 | 47 | M | 3 | 1629 | S | C | 25MAY78 | 00 | 59 | 17 | 120 | 00 | VR032 | NOT THE TARGET |
| HR 5999 | 30 | 6.9 | 23 | 31 | 15 | +48 | 32 | L | 3 | 1631 | S | C | 25MAY78 | 02 | 22 | 00 | 16 | 00 | VR032 | GOOD |
| ETA CAR | 23 | 8.0 | 10 | 43 | 11 | -59 | 47 | M | 2 | 1556 | S | C | 25MAY78 | 03 | 11 | 38 | 35 | 00 | VR032 | NOT THE TARGET |
| ETA CAR | 23 | 8.0 | 10 | 43 | 11 | -59 | 47 | M | 3 | 1630 | S | C | 25MAY78 | 04 | 15 | 17 | 120 | 00 | VR032 | GOOD |
| HD148379 | 20 | 5.4 | 16 | 26 | 04 | -46 | 08 | M | 2 | 1562 | S | C | 26MAY78 | 01 | 06 | 06 | 60 | 00 | UKPOP | QUITE GOOD, SAT 2800A |
| S67-57 | 23 | 12.4 | 05 | 11 | 16 | -67 | 20 | L | 3 | 1619 | S | C | 26MAY78 | 01 | 50 | 40 | 120 | 00 | UKPOP | VERY GOOD |
| HD142669 | 20 | 3.9 | 15 | 53 | 48 | -29 | 04 | L | 3 | 1640 | S | C | 26MAY78 | 03 | 36 | 02 | 2 | 00 | UKPOP | OVEREXP FACT 2 |
| HD142669 | 20 | 3.9 | 15 | 53 | 48 | -29 | 04 | L | 2 | 1563 | S | C | 26MAY78 | 03 | 45 | 18 | 2 | 00 | UKPOP | GOOD |
| HD148379 | 23 | 5.4 | 16 | 26 | 04 | -46 | 08 | M | 2 | 1564 | S | C | 26MAY78 | 05 | 31 | 34 | 25 | 00 | UKPOP | A BIT WFAK |
| NGC 7078 | 83 | 6.4 | 21 | 27 | 36 | +11 | 57 | L | 3 | 1641 | S | 0 | 26MAY78 | 7 | 12 | 04 | 32 | 00 | UKPOP | FAINT TRACES CONT LW |
| NGC 6052 | 88 | 13.2 | 16 | 03 | 01 | +20 | 41 | L | 3 | 1648 | L | 0 | 27MAY78 | 02 | 42 | 57 | 300 | 00 | CC038 | UNDEREXP MAXDN#110 |
| SS CYG | 34 | 12.0 | 21 | 40 | 44 | +43 | 21 | L | 3 | 1653 | S | C | 28MAY78 | 02 | 05 | 07 | 25 | 00 | UKPOP | VERY UNDEREXP |
| SS CYG | 34 | 12.0 | 21 | 40 | 44 | +43 | 21 | L | 2 | 1571 | L | 0 | 28MAY78 | 03 | 19 | 30 | 25 | 00 | UKPOP | MG2 SAT, MAXDN#180 AT2800 |
| HR 7557 | 31 | 0.7 | 19 | 48 | 20 | +8 | 44 | L | 3 | 1654 | S | C | 28MAY78 | 04 | 46 | 00 | 100 | 00 | UKPOP | VERY OVEREXP |
| NGC 7662 | 70 | 9.0 | 23 | 23 | 30 | +42 | 16 | L | 2 | 1572 | S | 0 | 28MAY78 | 07 | 21 | 00 | 20 | 00 | UKPOP | UNDEREXP |
| NGC 7662 | 70 | 9.0 | 23 | 23 | 30 | +42 | 16 | L | 3 | 1661 | L | 0 | 29MAY78 | 00 | 45 | 38 | 60 | 00 | UKPOP | OVEREXP, NOISY IMAGE |

| OBJECT | CL | MAG | RT HR MN SC | ASCN | DECLN DEG MN | DISP +CAM | APERT IMAGE OB LG | DATE | START HP MN SC | LENGTH MIN SC | PROG | COMMENT |
|----------|----|------|-------------|--------|--------------|-----------|-------------------|---------|----------------|---------------|-------|---------------------------|
| NGC 7662 | 70 | 9.0 | 23 23 30 | +42 16 | L 2 | 1576 | L O | 29MAY78 | 01 59 02 | 28 00 | UKPOP | GOOD |
| NGC 7662 | 70 | 9.0 | 23 23 30 | +42 16 | L 3 | 1662 | S C | 29MAY78 | 03 17 00 | 20 00 | UKPOP | GOOD |
| +39 3226 | 16 | 10.2 | 17 44 52 | +39 20 | L 3 | 1663 | S C | 29MAY78 | 05 05 01 | 1 00 | UKPOP | VERY WEAK |
| +39 3226 | 16 | 10.2 | 17 44 52 | +39 20 | L 2 | 1577 | S C | 29MAY78 | 05 12 00 | 2 00 | UKPOP | GOOD |
| SS CYG | 34 | 12.0 | 21 40 44 | +43 21 | L 3 | 1664 | S C | 29MAY78 | 06 26 54 | 70 00 | UKPOP | QUITE WEAK, NOISY IMAGE |
| HD192163 | 11 | 7.7 | 20 10 17 | +38 12 | H 3 | 1668 | S C | 30MAY78 | 01 41 47 | 40 00 | MH011 | UNDEREXP |
| HD192163 | 11 | 7.7 | 20 10 17 | +38 12 | H 2 | 1580 | S C | 30MAY78 | 02 45 40 | 100 00 | MH011 | GOOD |
| V1016CYG | 57 | 11.0 | 19 55 20 | +39 41 | H 3 | 1669 | S C | 30MAY78 | 05 08 24 | 40 00 | MH011 | UXP CONT |
| V1016CYG | 57 | 11.0 | 19 55 20 | +39 41 | H 2 | 1581 | S C | 30MAY78 | 06 12 25 | 30 00 | MH011 | UXP |
| MKN 297 | 88 | 13.2 | 16 03 01 | +20 40 | L 2 | 1585 | L O | 31MAY78 | 01 26 07 | 310 00 | CC038 | NO SPECTRUM |
| HD141527 | 42 | 5.8 | 15 46 31 | +28 19 | L 3 | 1681 | L O | 31MAY78 | 23 58 54 | 60 00 | VILSP | R CRB GOOD RED OF 1600 |
| HD141527 | 42 | 5.8 | 15 46 31 | +28 19 | L 2 | 1587 | L O | 01JUN78 | 01 07 16 | 70 00 | VILSP | R CRB OVEREXP RED OF 2500 |
| HD 93308 | 61 | 6.0 | 10 43 07 | -59 25 | L 3 | 1687 | L O | 01JUN78 | 23 19 00 | 2 00 | UKPOP | EM LINES SAT. MEAN 1500N |
| HD 93308 | 61 | 6.0 | 10 43 07 | -59 25 | H 2 | 1592 | L O | 01JUN78 | 23 47 33 | 20 00 | UKPOP | SOME EM LINES SAT. |
| HD 93308 | 61 | 6.0 | 10 43 07 | -59 25 | H 3 | 1688 | L O | 02JUN78 | 01 04 42 | 40 00 | UKPOP | VERY WEAK |
| HD 2151 | 44 | 2.8 | 00 23 29 | -77 32 | H 2 | 1593 | S C | 02JUN78 | 02 46 11 | 15 00 | UKPOP | GOOD FOR MG II LINES |
| HD 2151 | 44 | 2.8 | 00 23 29 | -77 32 | L 3 | 1689 | S C | 02JUN78 | 03 24 11 | 20 00 | UKPOP | CONT AT RED END ONLY |
| S-67 108 | 23 | 12.5 | 05 26 33 | -67 40 | L 2 | 1594 | S C | 02JUN78 | 04 36 40 | 20 00 | UKPOP | VERY GOOD |
| S-67 108 | 23 | 12.5 | 05 26 33 | -67 40 | L 3 | 1690 | S C | 02JUN78 | 05 19 25 | 20 00 | UKPOP | PERFECT |
| HD 49798 | 16 | 8.6 | 06 46 35 | -44 16 | H 3 | 1698 | S C | 02JUN78 | 22 42 33 | 25 00 | KH001 | GOOD MAX DN 178 |
| HD 49798 | 16 | 8.6 | 06 46 35 | -44 16 | H 2 | 1603 | S C | 02JUN78 | 23 30 37 | 13 00 | KH001 | WEAK MEAN 83DN |
| HD 49798 | 16 | 8.6 | 06 46 35 | -44 16 | H 3 | 1699 | S C | 03JUN78 | 00 20 00 | 35 00 | KH001 | GOOD LEVEL OF EXP |
| HD 49798 | 16 | 8.6 | 06 46 35 | -44 16 | H 2 | 1604 | S C | 03JUN78 | 01 06 13 | 25 00 | KH001 | STILL A BIT WEAK MEAN112 |
| HD 64740 | 23 | 4.8 | 07 51 39 | -49 29 | H 3 | 1700 | S C | 03JUN78 | 02 11 39 | 2 24 | KH001 | OVEREXPOSED |
| HD 64740 | 23 | 4.8 | 07 51 39 | -49 29 | H 2 | 1605 | S C | 03JUN78 | 03 15 42 | 2 24 | KH001 | OK HAS HIT 255 |
| HD 64740 | 23 | 4.8 | 07 51 39 | -49 29 | H 3 | 1701 | S C | 03JUN78 | 03 58 42 | 1 16 | KH001 | OK MAX DN 155 |
| +10 2179 | 24 | 9.0 | 10 36 17 | +10 19 | L 3 | 1702 | L O | 03JUN78 | 05 19 25 | 8 00 | KH001 | SPECTRUM TRAILED |
| +10 2179 | 24 | 9.0 | 10 36 17 | +10 19 | L 3 | 1702 | S O | 03JUN78 | 05 38 40 | 5 00 | KH001 | NO SPECTRUM |
| NGC 7009 | 70 | 8.0 | 21 01 28 | -11 34 | L 2 | 1611 | L O | 03JUN78 | 23 02 06 | 20 00 | UK008 | VERY GOOD |
| NGC 7009 | 70 | 8.0 | 21 01 28 | -11 34 | L 3 | 1709 | L O | 03JUN78 | 23 54 00 | 10 00 | UK008 | VERY GOOD |
| NGC 7662 | 71 | 8.6 | 23 23 30 | +42 16 | H 2 | 1612 | S C | 04JUN78 | 01 21 00 | 30 00 | UK008 | A FEW LINES 6SEC OFFSET |
| NGC 7662 | 71 | 8.6 | 23 23 30 | +42 16 | L 3 | 1710 | S O | 04JUN78 | 02 12 57 | 40 00 | UK008 | A FEW EM LINES |
| NGC 7662 | 71 | 8.6 | 23 23 30 | +42 16 | L 2 | 1613 | S O | 04JUN78 | 03 23 33 | 12 00 | UK008 | WEAK |
| NGC 6543 | 70 | 9.0 | 17 58 36 | +66 38 | L 3 | 1711 | S O | 04JUN78 | 05 13 04 | 5 00 | UK008 | OK MAX DN 158 |
| HD 49798 | 16 | 8.6 | 06 46 35 | -44 16 | H 2 | 1620 | S C | 05JUN78 | 01 29 29 | 35 00 | KH001 | OK BUT HAS HIT 255 |
| HD127493 | 16 | 9.5 | 14 29 31 | -22 26 | L 3 | 1720 | S C | 05JUN78 | 03 05 55 | 3 30 | KH001 | OK AROUND 1650A OXP |
| HD127493 | 16 | 9.5 | 14 29 31 | -22 26 | L 3 | 1720 | L O | 05JUN78 | 03 15 48 | 1 45 | KH001 | OK AROUND 1650A OXP |
| +10 2179 | 24 | 9.0 | 10 36 17 | +10 19 | L 3 | 1721 | S C | 05JUN78 | 04 29 19 | 7 00 | KH001 | OK BUT HAS HIT 255 |
| +10 2179 | 24 | 9.0 | 10 36 17 | +10 19 | L 3 | 1721 | L O | 05JUN78 | 04 47 02 | 14 00 | KH001 | OVEREXPOSED X 2 |
| NGC 7662 | 71 | 8.6 | 23 23 30 | +42 16 | L 2 | 1623 | S C | 06JUN78 | 00 43 00 | 12 00 | UK008 | WEAK E 6SEC FROM STAR |
| NGC 7662 | 71 | 8.6 | 23 23 30 | +42 16 | L 2 | 1624 | S C | 06JUN78 | 02 12 00 | 12 00 | UK008 | WEAK W 4SEC FROM STAR |
| NGC 7662 | 71 | 8.6 | 23 23 30 | +42 16 | H 2 | 1625 | S C | 06JUN78 | 03 11 00 | 75 00 | UK008 | GOOD W 4SEC FROM STAR |
| NGC 7662 | 71 | 8.6 | 23 23 30 | +42 16 | L 3 | 1729 | S C | 06JUN78 | 04 45 18 | 60 00 | UK008 | OK W 5SEC FROM STAR |
| HD208816 | 48 | 4.9 | 21 55 14 | +63 23 | L 3 | 1736 | S C | 07JUN78 | 00 15 08 | 1 00 | MHB02 | VV CEP |
| HD208816 | 48 | 4.9 | 21 55 14 | +63 23 | L 3 | 1736 | L O | 07JUN78 | 00 26 37 | 12 00 | MHB02 | VV CEP GOOD SOME EM SAT |
| HD208816 | 48 | 4.9 | 21 55 14 | +63 23 | L 2 | 1631 | S C | 07JUN78 | 01 25 00 | 4 00 | MHB02 | VV CEP GOOD |
| -9 4395 | 22 | 9.4 | 16 26 51 | -09 13 | L 3 | 1737 | S O | 07JUN78 | 05 34 00 | 12 00 | KH001 | UNDEREXPOSED X 2 |
| HD208816 | 48 | 4.9 | 21 55 14 | +63 23 | L 2 | 1631 | L O | 07JUN78 | 07 35 00 | 6 00 | MHB02 | VV CEP GOOD |

| OBJECT | CL | MAG | RT ASCN HR MN SC | DECLN DEG MN | DISP +CAM | APERT OB LG | DATE | START HR MN SC | LENGTH MIN SC | PROG | COMMENT |
|----------|----|------|---------------------|-----------------|--------------|----------------|-------------|-------------------|------------------|-------|-----------------------|
| MKN 509 | 84 | 13.0 | 20 41 26 | -10 54 | L 3 | 1742 | L 0 07JUN78 | 23 46 00 | 60 00 | UK042 | VERY GOOD MAX DN 225 |
| MKN 509 | 84 | 13.0 | 20 41 26 | -10 54 | L 2 | 1636 | L 0 08JUN78 | 01 10 02 | 50 00 | UK042 | VERY GOOD MAX DN 199 |
| MKN 509 | 84 | 13.0 | 20 41 26 | -10 54 | L 3 | 1743 | B 0 08JUN78 | 02 24 02 | 35 00 | UK042 | WEAK 45PC LOST IN AP |
| MKN 313 | 85 | 13.0 | 22 59 30 | +15 42 | L 3 | 1744 | L 0 08JUN78 | 05 04 06 | 36 00 | UK042 | VERY WEAK |
| MKN 59 | 87 | 14.0 | 12 56 42 | +35 08 | L 3 | 1749 | L 0 09JUN78 | 02 45 56 | 80 00 | UK042 | UNDEREXPOSED X 2 |
| MKN 59 | 87 | 14.0 | 12 56 42 | +35 08 | L 2 | 1641 | L 0 09JUN78 | 04 16 19 | 85 00 | UK042 | OK MAX DN 136 |
| S CR A | 58 | 11.5 | 18 57 48 | -37 01 | L 2 | 1645 | L 0 10JUN78 | 00 22 00 | 80 00 | BW019 | GOOD BUT MG OXP |
| S CR A | 58 | 11.5 | 18 57 48 | -37 01 | L 3 | 1755 | L 0 10JUN78 | 02 14 49 | 200 00 | BW019 | WEAK |
| HD 68273 | 10 | 1.8 | 08 07 59 | -47 11 | H 3 | 1761 | S C 10JUN78 | 23 00 13 | 5 | UK002 | GAMMA VFL GOOD EXP |
| HD 68273 | 10 | 1.8 | 08 07 59 | -47 11 | H 2 | 1651 | S C 10JUN78 | 23 47 00 | 7 | UK002 | GAMMA VFL GOOD EXP |
| HD113904 | 10 | 5.5 | 13 04 52 | -65 02 | H 3 | 1762 | S C 11JUN78 | 01 21 06 | 6 00 | UK02C | THETA MUS GOOD EXP |
| HD113904 | 10 | 5.5 | 13 04 52 | -65 02 | H 2 | 1652 | S C 11JUN78 | 01 33 16 | 7 00 | UK02C | THETA MUS GOOD EXP |
| HD 87141 | 41 | 5.7 | 10 01 18 | +54 08 | H 2 | 1653 | S C 11JUN78 | 05 09 36 | 30 00 | UK02C | WEAK MAX DN 110 |
| HD 35343 | 32 | 9.2 | 05 18 36 | -69 18 | L 2 | 1658 | L 0 12JUN78 | 00 48 00 | 20 00 | BW019 | OVEREXPOSED AT LONGWL |
| HD 35343 | 32 | 9.2 | 05 18 36 | -69 18 | L 3 | 1768 | L 0 12JUN78 | 01 15 20 | 20 00 | BW019 | WEAK SPECTRUM SPLIT |
| HD113904 | 10 | 5.5 | 13 04 52 | -65 02 | H 3 | 1769 | S C 12JUN78 | 03 11 39 | 6 30 | KH052 | GOOD |
| HD113904 | 10 | 5.5 | 13 04 52 | -65 02 | H 2 | 1659 | S C 12JUN78 | 03 56 53 | 8 30 | KH052 | A BIT STRONG |
| HD113904 | 10 | 5.5 | 13 04 52 | -65 02 | H 3 | 1770 | S C 12JUN78 | 05 04 34 | 8 00 | KH052 | GOOD |
| Z AND | 57 | 10.0 | 23 31 15 | +48 33 | L 2 | 1661 | L 0 13JUN78 | 03 59 37 | 105 00 | VR032 | OVEREXP RED OF 2400A |
| HD168476 | 27 | 9.4 | 18 19 00 | -56 39 | H 2 | 1664 | S C 14JUN78 | 01 16 00 | 40 00 | UK017 | VERY WEAK |
| HD168476 | 27 | 9.4 | 18 19 00 | -56 39 | H 3 | 1782 | S C 14JUN78 | 02 05 09 | 80 00 | UK017 | VERY WEAK |
| HD168476 | 27 | 9.4 | 18 19 00 | -56 39 | H 2 | 1665 | S C 14JUN78 | 03 36 29 | 120 00 | UK017 | UNDEREXP MAX DN 120 |
| NGC 3516 | 84 | 13.6 | 11 03 23 | +72 50 | L 2 | 1669 | S 0 14JUN78 | 23 22 18 | 120 00 | SL034 | UNDEREXP MAX DN 110 |
| NGC 3516 | 84 | 13.6 | 11 03 23 | +72 50 | L 3 | 1786 | S 0 15JUN78 | 01 39 22 | 240 00 | SL034 | UNDEREXP MAX DN 83 |
| NGC 7469 | 84 | 13.8 | 23 00 44 | +08 36 | L 2 | 1680 | S 0 16JUN78 | 23 44 45 | 120 00 | SL034 | MG II GOOD |
| NGC 7469 | 84 | 13.8 | 23 00 44 | +08 36 | L 3 | 1798 | S 0 17JUN78 | 02 00 36 | 210 00 | SL034 | GOOD MAX DN 174 |
| HD 68273 | 10 | 1.8 | 08 07 59 | -47 11 | H 2 | 1691 | S C 19JUN78 | 00 42 52 | 7 | UK002 | GOOD |
| HD 68273 | 10 | 1.8 | 08 07 59 | -47 11 | H 3 | 1811 | S C 19JUN78 | 00 53 38 | 5 | UK002 | GOOD |
| S-67 297 | 23 | 12.7 | 05 44 58 | -69 22 | L 2 | 1692 | S 0 19JUN78 | 02 46 59 | 45 00 | UK024 | NO SPECTRUM |
| S-67 297 | 23 | 12.7 | 05 44 58 | -69 22 | L 3 | 1812 | S 0 19JUN78 | 04 00 48 | 80 00 | UK024 | NO SPECTRUM |
| HD113904 | 10 | 5.6 | 13 04 52 | -65 02 | H 2 | 1697 | S C 20JUN78 | 01 13 00 | 8 30 | KH052 | GOOD FEW PIX SAT |
| HD113904 | 10 | 5.6 | 13 04 52 | -65 02 | H 3 | 1816 | S C 20JUN78 | 01 45 00 | 6 30 | KH052 | A BIT WEAK |
| RR TEL | 57 | 9.8 | 20 00 19 | -55 52 | L 2 | 1698 | L 0 20JUN78 | 03 05 00 | 135 00 | VILSP | OVEREXP |
| RR TFL | 57 | 9.8 | 20 00 19 | -55 52 | L 2 | 1698 | S 0 20JUN78 | 05 25 00 | 15 00 | VILSP | GOOD |
| NGC 3516 | 84 | 13.6 | 11 03 23 | +72 50 | L 3 | 1821 | L 0 20JUN78 | 23 38 01 | 300 00 | MU009 | OK MAX DN 130 |
| NGC 3516 | 84 | 13.6 | 11 03 23 | +72 50 | L 2 | 1703 | L 0 21JUN78 | 04 50 00 | 50 00 | MU009 | WEAK MAX DN 84 |
| S-67 57 | 23 | 12.3 | 05 11 58 | -67 14 | L 2 | 1709 | L 0 21JUN78 | 23 23 54 | 45 00 | UK024 | VERY GOOD MAX DN 194 |
| S-67 57 | 23 | 12.3 | 05 11 58 | -67 14 | L 3 | 1828 | L 0 22JUN78 | 00 22 24 | 70 00 | UK024 | VERY GOOD MAX DN 230 |
| S-67 111 | 23 | 12.6 | 05 20 58 | -67 32 | L 2 | 1710 | S C 22JUN78 | 02 38 00 | 20 00 | UK024 | GOOD MAX DN 175 |
| S-67 111 | 23 | 12.6 | 05 20 58 | -67 32 | L 3 | 1829 | S C 22JUN78 | 03 33 00 | 20 00 | UK024 | GOOD MAX DN 150 |
| S-67 111 | 23 | 12.6 | 05 20 58 | -67 32 | L 2 | 1711 | S C 22JUN78 | 04 05 00 | 35 00 | UK024 | GOOD MAX DN 190 |
| S-69 239 | 23 | 10.2 | 05 38 34 | -69 08 | L 3 | 1830 | L 0 22JUN78 | 05 25 00 | 12 00 | UK024 | NO SPECTRUM |
| NGC 3516 | 84 | 13.6 | 11 03 23 | +72 50 | L 3 | 1840 | L 0 22JUN78 | 23 06 00 | 390 00 | MU009 | GOOD MAX DN 160 |
| S-69 247 | 25 | 10.4 | 05 39 19 | -69 32 | L 2 | 1720 | L 0 23JUN78 | 23 34 04 | 15 00 | UK024 | GOOD MAX DN 250 |
| S-69 247 | 25 | 10.4 | 05 39 19 | -69 32 | L 3 | 1844 | L 0 24JUN78 | 00 27 22 | 12 00 | UK024 | WEAK MAX DN 80 |
| S-67 114 | 23 | 12.1 | 05 27 14 | -67 29 | L 2 | 1721 | L 0 24JUN78 | 02 03 00 | 55 00 | UK024 | OK |
| S-67 114 | 23 | 12.1 | 05 27 14 | -67 29 | L 3 | 1845 | L 0 24JUN78 | 03 15 47 | 131 00 | UK024 | GOOD BUT SOME SAT |
| S-69 247 | 25 | 10.4 | 05 39 19 | -69 32 | L 3 | 1852 | L 0 25JUN78 | 00 07 44 | 30 00 | UK024 | GOOD MAX DN 200 |

| OBJECT | CL | MAG | RT | ASCN | DECLN | DISP | APERT | START | LENGTH | PROG | COMMENT | | | | | | | | |
|----------|----|------|----|------|-------|--------|-------|-------|--------|---------|----------|--------|-------|--------------|---------------------|-----|----|--|--|
| | | | HR | MN | SC | DEG | MIN | +CAM | IMAGE | OB | LG | DATE | HR | MN | SC | MIN | SC | | |
| S-69 108 | 23 | 12.1 | 05 | 20 | 22 | -69 56 | L 2 | 1726 | L 0 | 25JUN78 | 01 23 00 | 45 00 | UK024 | GOOD | MAX DN 200 | | | | |
| S-69 108 | 23 | 12.1 | 05 | 20 | 22 | -69 56 | L 3 | 1853 | L 0 | 25JUN78 | 02 28 34 | 80 00 | UK024 | WEAK | MAX DN 100 | | | | |
| S-69 108 | 23 | 12.1 | 05 | 20 | 22 | -69 56 | L 2 | 1727 | L 0 | 25JUN78 | 04 02 07 | 90 00 | UK024 | GOOD | RIT SOME SAT | | | | |
| HD181615 | 34 | 4.6 | 19 | 18 | 52 | -16 03 | H 3 | 1856 | S C | 25JUN78 | 23 37 31 | 60 00 | MHC02 | OK | MAX DN 150 | | | | |
| HD208816 | 48 | 4.9 | 21 | 55 | 14 | +63 23 | L 2 | 1732 | L 0 | 26JUN78 | 01 51 27 | 4 00 | MHC02 | OVEREXP | X 30PC | | | | |
| -23 1184 | 41 | 8.8 | 03 | 00 | 11 | -23 00 | L 2 | 1733 | L 0 | 26JUN78 | 05 37 00 | 10 00 | VILSP | NO | SPECTRUM | | | | |
| N 49 | 72 | 14.0 | 05 | 26 | 00 | -66 08 | L 3 | 1861 | L 0 | 26JUN78 | 23 25 00 | 360 00 | BD033 | ALMOST | NOTHING | | | | |
| HD 97991 | 20 | 7.4 | 11 | 13 | 39 | -03 12 | H 3 | 1870 | S C | 27JUN78 | 23 39 00 | 13 00 | UK06A | ABIT | WEAK MAX DN 135 | | | | |
| HD 97991 | 20 | 7.4 | 11 | 13 | 39 | -03 12 | H 2 | 1739 | S C | 28JUN78 | 01 05 00 | 17 00 | UK06A | GOOD | | | | | |
| HD148688 | 23 | 5.3 | 16 | 28 | 13 | -41 43 | H 3 | 1871 | S C | 28JUN78 | 02 34 01 | 40 00 | UK06A | GOOD | | | | | |
| HD148688 | 23 | 5.3 | 16 | 28 | 13 | -41 43 | H 2 | 1740 | S C | 28JUN78 | 03 43 51 | 12 30 | UK06A | GOOD | MAX DN 220 | | | | |
| HD152236 | 23 | 4.7 | 16 | 50 | 28 | -42 17 | H 3 | 1872 | S C | 28JUN78 | 05 10 42 | 30 00 | UK06A | GOOD | AT LONG WL | | | | |
| CYG LOOP | 72 | 14.0 | 20 | 54 | 46 | +30 56 | L 3 | 1877 | L 0 | 29JUN78 | 00 29 48 | 315 00 | BD033 | GOOD | | | | | |
| HD219188 | 23 | 6.9 | 23 | 11 | 28 | +04 43 | H 3 | 1882 | S C | 29JUN78 | 22 55 56 | 20 00 | UK06A | GOOD | MAX DN 240 | | | | |
| HD219188 | 23 | 6.9 | 23 | 11 | 28 | +04 43 | H 2 | 1749 | S C | 29JUN78 | 23 24 21 | 16 00 | UK06A | GOOD | | | | | |
| HD208816 | 48 | 4.9 | 21 | 55 | 12 | +63 23 | L 3 | 1883 | L 0 | 30JUN78 | 00 55 11 | 15 00 | UK045 | SAT | AT LW | | | | |
| HD208816 | 48 | 4.9 | 21 | 55 | 12 | +63 23 | L 3 | 1883 | S C | 30JUN78 | 01 28 59 | 8 00 | UK045 | A RIT | WEAK | | | | |
| HD208816 | 48 | 4.9 | 21 | 55 | 12 | +63 23 | L 2 | 1750 | L 0 | 30JUN78 | 02 07 58 | 5 00 | UK045 | OK | | | | | |
| HD208816 | 48 | 4.9 | 21 | 55 | 12 | +63 23 | L 2 | 1750 | S C | 30JUN78 | 02 18 51 | 2 30 | UK045 | OK | | | | | |
| HD218915 | 13 | 7.2 | 23 | 08 | 52 | +52 47 | H 3 | 1884 | S C | 30JUN78 | 03 02 00 | 55 00 | UK06A | OVEREXPOSED | X 1.5 | | | | |
| HD163506 | 42 | 5.2 | 17 | 53 | 24 | +26 03 | H 2 | 1751 | S C | 30JUN78 | 04 34 10 | 65 00 | UK06A | A RIT | WEAK | | | | |
| HD152236 | 23 | 4.8 | 16 | 50 | 28 | -42 16 | L 2 | 1755 | L 0 | 30JUN78 | 23 10 06 | 3 30 | BW019 | THROUGHOUT | | | | | |
| HD152236 | 23 | 4.8 | 16 | 50 | 28 | -42 16 | L 2 | 1755 | S C | 30JUN78 | 23 28 12 | 30 | BW019 | SATURATED | THROUGHOUT | | | | |
| HD152236 | 23 | 4.8 | 16 | 50 | 28 | -42 16 | L 3 | 1891 | S C | 30JUN78 | 23 50 22 | 10 | BW019 | UNDEREXPOSED | | | | | |
| HD152236 | 23 | 4.8 | 16 | 50 | 28 | -42 16 | L 3 | 1891 | L 0 | 30JUN78 | 23 56 03 | 20 | BW019 | GOOD | | | | | |
| HD152236 | 23 | 4.8 | 16 | 50 | 28 | -42 16 | H 2 | 1756 | S C | 01JUL78 | 00 46 13 | 7 00 | BW019 | GOOD | | | | | |
| HD152236 | 23 | 4.8 | 16 | 50 | 28 | -42 16 | H 3 | 1892 | S C | 01JUL78 | 01 19 43 | 60 00 | BW019 | | | | | | |
| R 116 | 23 | 10.5 | 05 | 32 | 06 | -68 35 | L 2 | 1757 | L 0 | 01JUL78 | 03 45 51 | 6 00 | BW019 | A RIT | STRONG | | | | |
| R 116 | 23 | 10.5 | 05 | 32 | 06 | -68 35 | L 3 | 1893 | L 0 | 01JUL78 | 04 00 17 | 11 00 | BW019 | GOOD | | | | | |
| HD113904 | 10 | 5.5 | 13 | 04 | 52 | -65 02 | H 3 | 1899 | S C | 01JUL78 | 21 56 00 | 6 30 | KH052 | GOOD | | | | | |
| HD113904 | 10 | 5.5 | 13 | 04 | 52 | -65 02 | H 2 | 1762 | S C | 01JUL78 | 22 11 00 | 8 30 | KH052 | OK | RIT HAS HIT 255 | | | | |
| HD113904 | 10 | 5.5 | 13 | 04 | 52 | -65 02 | H 3 | 1900 | S C | 01JUL78 | 23 35 30 | 10 50 | KH052 | SLIGHTLY | OVEREXPOSED | | | | |
| HD113904 | 10 | 5.5 | 13 | 04 | 52 | -65 02 | H 2 | 1763 | S C | 01JUL78 | 23 54 16 | 12 00 | KH052 | OVEREXPOSED | | | | | |
| HD114710 | 44 | 4.3 | 13 | 09 | 32 | +28 08 | H 2 | 1764 | S C | 02JUL78 | 01 24 33 | 34 00 | MR003 | OVEREXPOSED | AT LONG WL | | | | |
| HD114710 | 44 | 4.3 | 13 | 09 | 32 | +28 08 | L 3 | 1901 | S C | 02JUL78 | 02 07 10 | 32 00 | MR003 | WEAK | | | | | |
| HD 4614 | 44 | 3.4 | 00 | 46 | 03 | +57 33 | H 2 | 1765 | S C | 02JUL78 | 03 53 05 | 15 00 | MR003 | DOUBLE | = MISSED APERTURE | | | | |
| HD 4614 | 44 | 3.4 | 00 | 46 | 03 | +57 33 | L 3 | 1902 | S C | 02JUL78 | 04 17 50 | 26 00 | MR003 | MISSED | APERTURE | | | | |
| NEPTUNE | 03 | 7.7 | 16 | 59 | 33 | -21 12 | L 2 | 1769 | S 0 | 02JUL78 | 21 49 55 | 15 00 | UK043 | GOOD | MAX DN 249 | | | | |
| NEPTUNE | 03 | 7.7 | 16 | 59 | 33 | -21 12 | L 3 | 1907 | S 0 | 02JUL78 | 22 12 04 | 30 00 | UK043 | NO | SPECTRUM | | | | |
| URANUS | 03 | 5.7 | 14 | 39 | 03 | -15 05 | L 2 | 1770 | S 0 | 02JUL78 | 23 51 04 | 30 00 | UK043 | OVEREXPOSED | AT LONG WL | | | | |
| URANUS | 03 | 5.7 | 14 | 39 | 03 | -15 05 | L 3 | 1908 | S 0 | 03JUL78 | 00 27 07 | 60 00 | UK043 | WEAK | SPECTRUM AT LONG WL | | | | |
| URANUS | 03 | 5.7 | 14 | 39 | 03 | -15 05 | L 2 | 1771 | S 0 | 03JUL78 | 01 33 49 | 15 00 | UK043 | RATHER | OVEREXPOSED | | | | |
| URANUS | 03 | 5.7 | 14 | 39 | 03 | -15 05 | L 2 | 1772 | S 0 | 03JUL78 | 02 42 35 | 5 00 | UK043 | GOOD | MAX DN 233 | | | | |
| VESTA | 05 | 5.7 | 16 | 28 | 06 | -17 15 | L 2 | 1772 | L 0 | 03JUL78 | 03 44 05 | 20 00 | UK043 | OVEREXPOSED | | | | | |
| NGC 4051 | 84 | 14.0 | 12 | 00 | 36 | +44 49 | L 3 | 1911 | L 0 | 03JUL78 | 22 29 55 | 20 00 | UK005 | NO | SPECTRUM | | | | |
| NGC 4051 | 84 | 14.0 | 12 | 00 | 36 | +44 49 | L 3 | 1912 | L 0 | 04JUL78 | 03 17 26 | 85 00 | UK005 | UNDEREXPOSED | | | | | |
| HR 3413 | 36 | 5.8 | 08 | 34 | 23 | -50 47 | H 3 | 1916 | S C | 05JUL78 | 02 25 09 | 30 00 | VILSP | EXP | AT LONG WL | | | | |
| HR 3413 | 36 | 5.8 | 08 | 34 | 23 | -50 47 | H 2 | 1780 | S C | 05JUL78 | 03 03 18 | 20 00 | VILSP | EXP | AT LONG WL | | | | |

| OBJECT | CL | MAG | RT | ASCN | DECLN | DISP | APERT | START | LENGTH | PROG | COMMENT | | | | | | | | |
|----------|----|------|----|------|-------|--------|-------|-------|--------|---------|----------|--------|-------|---------------------------|----|-----|----|--|--|
| | | | HR | MN | SC | DEG | MM | +CAM | IMAGE | OB | LG | DATE | HR | MN | SC | MIN | SC | | |
| HR 3413 | 36 | 5.8 | 08 | 34 | 23 | -50 47 | H 3 | 1917 | S C | 05JUL78 | 04 13 06 | 10 00 | VILSP | OK AT LONG WL | | | | | |
| MKN 335 | 84 | 14.0 | 00 | 03 | 45 | +19 55 | L 3 | 1919 | L O | 05JUL78 | 16 00 00 | 45 00 | G02AR | A HIT STRONG APPROX START | | | | | |
| MKN 509 | 84 | 13.1 | 20 | 41 | 26 | -10 54 | L 2 | 1783 | L O | 05JUL78 | 20 00 00 | 37 00 | G02AR | OK IUS IMAGE APPROX START | | | | | |
| NGC 7469 | 84 | 14.0 | 23 | 00 | 59 | +08 32 | L 3 | 1920 | L O | 06JUL78 | 00 37 37 | 57 00 | UK005 | NO SPECTRUM | | | | | |
| HD109358 | 44 | 4.3 | 12 | 31 | 54 | +41 38 | H 2 | 1788 | S C | 06JUL78 | 22 10 53 | 40 00 | MR003 | A BIT STRONG | | | | | |
| HD109358 | 44 | 4.3 | 12 | 31 | 54 | +41 38 | L 3 | 1925 | S C | 06JUL78 | 22 59 42 | 50 00 | MR003 | UNDEREXPOSED | | | | | |
| HD 20630 | 44 | 4.8 | 03 | 16 | 44 | +03 11 | H 2 | 1789 | S C | 07JUL78 | 02 48 24 | 70 00 | MR003 | GOOD | | | | | |
| HD 20630 | 44 | 4.8 | 03 | 16 | 44 | +03 11 | L 3 | 1926 | S C | 07JUL78 | 04 06 03 | 35 00 | MR003 | UNDEREXPOSED | | | | | |
| NGC 4051 | 84 | 14.0 | 12 | 00 | 36 | +44 49 | L 3 | 1938 | L O | 08JUL78 | 00 03 05 | 240 00 | UK005 | A BIT WEAK | | | | | |
| HD152667 | 59 | 6.2 | 16 | 53 | 07 | -40 45 | H 3 | 1952 | S C | 09JUL78 | 21 22 46 | 50 00 | UKIXR | GOOD | | | | | |
| SCO-X1 | 59 | 13.0 | 16 | 17 | 04 | -15 31 | L 3 | 1953 | L O | 09JUL78 | 23 55 00 | 40 00 | UKIXR | UNDEREXPOSED MAX DN 80 | | | | | |
| SCO-X1 | 59 | 13.0 | 16 | 17 | 04 | -15 31 | L 2 | 1804 | L O | 10JUL78 | 00 48 18 | 40 00 | UKIXR | A BIT WEAK | | | | | |
| SCO-X1 | 59 | 13.0 | 16 | 17 | 04 | -15 31 | L 3 | 1954 | L O | 10JUL78 | 02 12 00 | 90 00 | UKIXR | STILL WEAK | | | | | |
| HZ HER | 59 | 13.0 | 16 | 56 | 02 | +35 25 | L 3 | 1962 | L O | 10JUL78 | 21 22 27 | 45 00 | UKIXR | UNDEREXPOSED X2 IN CONT | | | | | |
| HZ HER | 59 | 13.0 | 16 | 56 | 02 | +35 25 | L 2 | 1811 | L O | 10JUL78 | 22 15 38 | 40 00 | UKIXR | GOOD | | | | | |
| HZ HER | 59 | 13.0 | 16 | 56 | 02 | +35 25 | L 3 | 1963 | L O | 10JUL78 | 23 06 22 | 80 00 | UKIXR | VERY GOOD | | | | | |
| AM HER | 59 | 13.0 | 18 | 14 | 59 | +49 51 | L 3 | 1964 | L O | 11JUL78 | 01 44 00 | 20 00 | UKIXR | GOOD | | | | | |
| AM HER | 59 | 13.0 | 18 | 14 | 59 | +49 51 | L 2 | 1812 | L O | 11JUL78 | 02 11 19 | 30 00 | UKIXR | GOOD | | | | | |
| AM HER | 59 | 13.0 | 18 | 14 | 59 | +49 51 | L 3 | 1965 | L O | 11JUL78 | 02 58 10 | 5 00 | UKIXR | UNDEREXPOSED | | | | | |
| AM HER | 59 | 13.0 | 18 | 14 | 59 | +49 51 | L 3 | 1965 | S O | 11JUL78 | 03 16 18 | 25 00 | UKIXR | OK | | | | | |
| HD153919 | 59 | 6.6 | 17 | 00 | 33 | -37 46 | H 2 | 1817 | S C | 11JUL78 | 20 23 05 | 40 00 | XRB02 | OVEREXPOSED | | | | | |
| HD153919 | 59 | 6.6 | 17 | 00 | 33 | -37 46 | H 3 | 1975 | S C | 11JUL78 | 21 18 37 | 60 00 | XRB02 | EXP AT LONG WL | | | | | |
| HD153919 | 59 | 6.6 | 17 | 00 | 33 | -37 46 | L 3 | 1976 | L O | 11JUL78 | 23 12 50 | 30 | XRB02 | 3 EXP IN LARGE SLOT | | | | | |
| HD152667 | 59 | 6.2 | 16 | 53 | 07 | -40 45 | H 3 | 1977 | S C | 12JUL78 | 00 48 05 | 50 00 | UKIXR | GOOD A FEW PIX SAT, | | | | | |
| HD152667 | 59 | 6.2 | 16 | 53 | 07 | -40 45 | H 2 | 1818 | S C | 12JUL78 | 01 46 08 | 20 00 | UKIXR | GOOD MAX DN 230 | | | | | |
| HD152667 | 59 | 6.2 | 16 | 53 | 07 | -40 45 | H 3 | 1978 | L O | 12JUL78 | 02 45 00 | 55 00 | UKIXR | EXP RUT OK FOR SHORT WL | | | | | |
| HD153919 | 59 | 6.6 | 17 | 00 | 33 | -37 46 | L 3 | 1985 | L O | 12JUL78 | 20 20 00 | 15 | XRB02 | 2 EXP IN LARGE SLOT OK | | | | | |
| HD153919 | 59 | 6.6 | 17 | 00 | 33 | -37 46 | H 2 | 1824 | S C | 12JUL78 | 20 32 27 | 33 00 | XRB02 | EXP AT LONG WL | | | | | |
| HD153919 | 59 | 6.6 | 17 | 00 | 33 | -37 46 | H 3 | 1986 | S C | 12JUL78 | 21 18 21 | 48 00 | XRB02 | GOOD MAX DN 226 | | | | | |
| HD153919 | 59 | 6.6 | 17 | 00 | 33 | -37 46 | H 2 | 1825 | S C | 12JUL78 | 22 13 17 | 20 00 | XRB02 | GOOD MAX DN 198 | | | | | |
| HD153919 | 59 | 6.6 | 17 | 00 | 33 | -37 46 | H 3 | 1987 | S C | 12JUL78 | 23 04 49 | 35 00 | XRB02 | GOOD MAX DN 220 | | | | | |
| HZ HER | 59 | 14.0 | 16 | 56 | 02 | +35 25 | L 2 | 1826 | L O | 13JUL78 | 01 52 38 | 40 00 | XRB02 | EXP X 2 MAX DN 166 | | | | | |
| HZ HER | 59 | 14.0 | 16 | 56 | 02 | +35 25 | L 3 | 1988 | L O | 13JUL78 | 02 40 23 | 60 00 | XRB02 | EXP X 2 AVG DN 70 | | | | | |
| HD153919 | 59 | 6.6 | 17 | 00 | 33 | -37 46 | L 3 | 1996 | L O | 13JUL78 | 21 00 00 | 16 | XRB02 | 2 EXP IN LARGE SLOT OK | | | | | |
| HD153919 | 59 | 6.6 | 17 | 00 | 33 | -37 46 | L 3 | 1997 | L O | 13JUL78 | 21 55 00 | 16 | XRB02 | 2 EXP IN LARGE SLOT OK | | | | | |
| HD153919 | 59 | 6.6 | 17 | 00 | 33 | -37 46 | L 3 | 1998 | L O | 13JUL78 | 22 53 00 | 16 | XRB02 | 2 EXP IN LARGE SLOT OK | | | | | |
| HD153919 | 59 | 6.6 | 17 | 00 | 33 | -37 46 | L 3 | 1999 | L O | 13JUL78 | 23 50 00 | 16 | XRB02 | 2 EXP IN LARGE SLOT OK | | | | | |
| HD153919 | 59 | 6.6 | 17 | 00 | 33 | -37 46 | L 3 | 2000 | L O | 14JUL78 | 00 42 00 | 16 | XRB02 | 2 EXP IN LARGE SLOT OK | | | | | |
| HD153919 | 59 | 6.6 | 17 | 00 | 33 | -37 46 | L 3 | 2001 | L O | 14JUL78 | 01 41 20 | 16 | XRB02 | 1 EXP | | | | | |
| HD153919 | 59 | 6.6 | 17 | 00 | 33 | -37 46 | H 3 | 2002 | S C | 14JUL78 | 02 29 03 | 40 00 | XRB02 | GOOD MAX DN 200 | | | | | |
| HD153919 | 59 | 6.6 | 17 | 00 | 33 | -37 46 | H 2 | 1827 | S C | 14JUL78 | 03 16 16 | 24 00 | XRB02 | GOOD MAX DN 210 | | | | | |
| HD152667 | 59 | 6.2 | 16 | 53 | 07 | -40 45 | H 3 | 2011 | S C | 14JUL78 | 20 58 50 | 50 00 | UKIXR | GOOD MAX DN 250 | | | | | |
| SMC-X2 | 59 | 14.6 | 00 | 52 | 57 | -73 57 | L 3 | 2012 | L O | 15JUL78 | 00 23 18 | 60 00 | XRB02 | EXP X2 | | | | | |
| SMC-X2 | 59 | 14.6 | 00 | 52 | 57 | -73 57 | L 3 | 2013 | L O | 15JUL78 | 02 03 19 | 97 00 | XRB02 | WEAK MAX DN 130 | | | | | |
| LMC-X4 | 59 | 14.0 | 05 | 32 | 47 | -66 24 | L 3 | 2019 | L O | 15JUL78 | 22 00 28 | 60 00 | UKIXR | NO SPECTRUM | | | | | |
| SMC-X1 | 59 | 13.5 | 01 | 15 | 45 | -73 42 | L 2 | 1829 | L O | 15JUL78 | 23 44 32 | 35 00 | UKIXR | A BIT STRONG | | | | | |
| SMC-X1 | 59 | 13.5 | 01 | 15 | 45 | -73 42 | L 3 | 2020 | L O | 16JUL78 | 00 45 02 | 35 00 | UKIXR | GOOD MAX DN 175 | | | | | |
| X PER | 59 | 6.1 | 03 | 52 | 15 | +30 54 | H 2 | 1830 | S C | 16JUL78 | 02 34 52 | 20 00 | XRB02 | GOOD AT LONG WL | | | | | |

| OBJECT | CL | MAG | RT ASCN HR MN SC | DECLN DEG MN | DISP +CAM | APERT OB LG | IMAGE | DATE | START HR MN SC | LENGTH MIN SC | PROG | COMMENT |
|----------|----|------|---------------------|-----------------|--------------|----------------|-------|---------|-------------------|------------------|-------|---------------------------|
| X PER | 59 | 6.1 | 03 52 15 | +30 54 | H 3 | 2021 | S C | 16JUL78 | 03 23 19 | 20 00 | XRR02 | UXP X1.5 MAX DN 166 |
| +75 325 | 16 | 9.0 | 08 04 43 | +75 07 | L 2 | 1838 | L O | 16JUL78 | 21 00 13 | 30 | UK003 | WEAK MAX DN 155 |
| +75 325 | 16 | 9.0 | 08 04 43 | +75 07 | L 2 | 1838 | S O | 16JUL78 | 21 11 52 | 30 | UK003 | UXP |
| +75 325 | 16 | 9.0 | 08 04 43 | +75 07 | L 3 | 2031 | L O | 16JUL78 | 21 18 49 | 20 | UK003 | GOOD MAX DN 230 |
| +75 325 | 16 | 9.0 | 08 04 43 | +75 07 | L 3 | 2031 | S O | 16JUL78 | 21 24 07 | 20 | UK003 | GOOD |
| HD 80836 | 30 | 10.3 | 09 18 44 | -45 23 | L 3 | 2038 | L O | 17JUL78 | 21 15 00 | 5 00 | UK003 | 2 EXP NOT WELL SFP, UXP |
| HD 80836 | 30 | 10.3 | 09 18 44 | -45 23 | L 2 | 1844 | L O | 17JUL78 | 22 03 00 | 5 00 | UK003 | 2 EXP, ONE SAT, ONE OK |
| -31 4800 | 16 | 9.5 | 07 34 35 | -32 06 | L 2 | 1845 | L O | 18JUL78 | 01 11 37 | 150 00 | UK003 | A BIT STRONG: SAT AT 2800 |
| RR TEL | 57 | 9.8 | 20 00 20 | -55 52 | L 2 | 1850 | S O | 19JUL78 | 00 53 48 | 10 00 | VILSP | OK BUT MG II SAT |
| RR TEL | 57 | 9.8 | 20 00 20 | -55 52 | L 3 | 2046 | S O | 19JUL78 | 01 43 07 | 5 00 | VILSP | EM LINES SAT |
| RR TEL | 57 | 9.8 | 20 00 20 | -55 52 | L 3 | 2046 | L O | 19JUL78 | 01 56 18 | 10 01 | VILSP | EM LINES SAT |
| RR TEL | 57 | 9.8 | 20 00 20 | -55 52 | L 3 | 2047 | L O | 19JUL78 | 03 09 15 | 2 00 | VILSP | 3 EM LINES SAT |
| -03 5357 | 16 | 10.0 | 21 58 01 | -02 59 | L 3 | 2054 | S O | 19JUL78 | 22 54 00 | 16 50 | UK003 | SLIGHT OXP |
| -03 5357 | 16 | 10.0 | 21 58 01 | -02 59 | L 3 | 2054 | L O | 20JUL78 | 00 23 00 | 13 20 | UK003 | OK |
| -03 5357 | 16 | 10.0 | 21 58 01 | -02 59 | L 2 | 1855 | S O | 20JUL78 | 00 43 00 | 14 35 | UK003 | OK |
| -03 5357 | 16 | 10.0 | 21 58 01 | -02 59 | L 2 | 1855 | L O | 20JUL78 | 01 07 00 | 10 01 | UK003 | OK |
| -03 5357 | 16 | 10.0 | 21 58 01 | -02 59 | L 3 | 2055 | L O | 20JUL78 | 02 09 00 | 6 00 | UK003 | OK |
| +39 3226 | 16 | 9.8 | 17 44 52 | +39 20 | L 2 | 1856 | S O | 20JUL78 | 03 04 00 | 2 20 | UK003 | OK |
| +39 3226 | 16 | 9.8 | 17 44 52 | +39 20 | L 2 | 1856 | L O | 20JUL78 | 03 14 00 | 2 20 | UK003 | A BIT OXP |
| HD141891 | 40 | 2.8 | 15 50 43 | -63 17 | H 2 | 1860 | S C | 20JUL78 | 20 42 00 | 7 00 | BN053 | OK BUT OK FOR MGII |
| HD190248 | 44 | 3.6 | 20 03 50 | -67 19 | H 2 | 1861 | S C | 20JUL78 | 22 01 00 | 41 00 | BN053 | WELL EXP AT LONG WL |
| HD 1581 | 44 | 4.2 | 00 17 29 | -65 11 | H 2 | 1862 | S C | 20JUL78 | 23 39 00 | 31 00 | BN053 | WELL EXP AT LONG WL |
| HD 2151 | 44 | 2.8 | 00 23 09 | -77 32 | H 2 | 1863 | S C | 21JUL78 | 00 57 00 | 16 00 | BN053 | GOOD AT LONG WL |
| HD 12311 | 40 | 2.9 | 01 59 12 | -61 49 | H 2 | 1864 | S C | 21JUL78 | 02 12 00 | 9 00 | BN053 | GOOD AT LONG WL |
| HD 50241 | 31 | 3.3 | 06 47 41 | -61 53 | H 2 | 1865 | S C | 21JUL78 | 03 11 00 | 10 01 | BN053 | VERY GOOD |
| -31 4800 | 16 | 9.5 | 07 34 35 | -32 06 | L 3 | 2072 | L O | 21JUL78 | 20 47 16 | 3 30 | UK003 | OK X3 |
| -31 4800 | 16 | 9.5 | 07 34 35 | -32 06 | L 3 | 2072 | S O | 21JUL78 | 21 00 45 | 5 40 | UK003 | OK X3 |
| -31 4800 | 16 | 9.5 | 07 34 35 | -32 06 | L 3 | 2073 | S O | 21JUL78 | 21 49 00 | 1 30 | UK003 | GOOD MAX DN 170 |
| -31 4800 | 16 | 9.5 | 07 34 35 | -32 06 | H 3 | 2074 | S C | 21JUL78 | 22 32 00 | 180 00 | UK003 | VERY GOOD A FEW PIX SAT |
| HD138679 | 23 | 8.9 | 15 32 31 | -60 23 | L 2 | 1871 | L O | 22JUL78 | 02 50 00 | 1 30 | UK003 | GOOD MAX DN 200 |
| HD138679 | 23 | 8.9 | 15 32 31 | -60 23 | L 2 | 1871 | S O | 22JUL78 | 02 58 00 | 2 00 | UK003 | GOOD MEAN DN 180 |
| HD138679 | 23 | 8.9 | 15 32 31 | -60 23 | L 3 | 2075 | L O | 22JUL78 | 03 20 00 | 1 00 | UK003 | VERY GOOD MAX DN 200 |
| HD138679 | 23 | 8.9 | 15 32 31 | -60 23 | L 3 | 2075 | S O | 22JUL78 | 03 26 00 | 1 40 | UK003 | VERY GOOD |
| M 87 JET | 86 | 13.0 | 12 28 17 | +12 40 | L 3 | 2085 | L O | 22JUL78 | 21 22 30 | 383 00 | PT037 | GOOD BUT NOISY IMAGE |
| M 87 GAL | 86 | 9.0 | 12 28 17 | +12 40 | L 2 | 1876 | L O | 22JUL78 | 21 26 48 | 340 00 | PT037 | NO SPECTRUM |
| HD217476 | 44 | 5.0 | 22 57 59 | +56 41 | L 3 | 2092 | S O | 24JUL78 | 02 42 00 | 60 00 | UKFIL | A BIT STRONG AT LONG WL |
| NGC 4151 | 84 | 11.0 | 12 08 00 | +39 41 | L 2 | 1885 | L O | 24JUL78 | 20 29 28 | 30 00 | UK016 | GOOD HITS 255 IN MGII |
| NGC 4151 | 84 | 11.0 | 12 08 00 | +39 41 | L 3 | 2098 | S O | 24JUL78 | 21 16 00 | 60 00 | UK016 | GOOD |
| NGC 4151 | 84 | 11.0 | 12 08 00 | +39 41 | L 3 | 2098 | L O | 24JUL78 | 22 24 00 | 30 00 | UK016 | GOOD |
| 3C 273 | 85 | 12.8 | 12 26 36 | +02 20 | L 2 | 1886 | L O | 24JUL78 | 23 41 00 | 50 00 | UK016 | GOOD |
| 3C 273 | 85 | 12.8 | 12 26 36 | +02 20 | L 3 | 2099 | L O | 25JUL78 | 00 40 41 | 50 00 | UK016 | GOOD JUST SAT IN LY ALFA |
| 3C 273 | 85 | 12.8 | 12 26 36 | +02 20 | L 2 | 1887 | L O | 25JUL78 | 01 41 04 | 40 00 | UK016 | GOOD |
| 3C 273 | 85 | 12.8 | 12 26 36 | +02 20 | L 3 | 2100 | S O | 25JUL78 | 02 31 30 | 70 00 | UK016 | VERY GOOD |
| HD168905 | 21 | 5.2 | 18 20 40 | -44 08 | L 2 | 1893 | S O | 25JUL78 | 21 11 44 | 4 | VILSP | GOOD |
| HD168905 | 21 | 5.2 | 18 20 40 | -44 08 | L 2 | 1893 | L O | 25JUL78 | 21 13 00 | 4 | VILSP | A BIT SAT, |
| HD168905 | 21 | 5.2 | 18 20 40 | -44 08 | L 3 | 2107 | S O | 25JUL78 | 21 17 13 | 3 | VILSP | GOOD |
| HD168905 | 21 | 5.2 | 18 20 40 | -44 08 | L 3 | 2107 | L O | 25JUL78 | 21 19 00 | 3 | VILSP | GOOD |
| RR TEL | 57 | 9.8 | 20 00 20 | -55 52 | H 3 | 2108 | S C | 25JUL78 | 22 56 00 | 210 00 | VILSP | NO SPECTRUM |

| OBJECT | CL | MAG | RT | ASCN | DECLN | DISP | APERT | START | LENGTH | PROG | COMMENT | | | | | | | | |
|----------|----|------|----|------|-------|--------|-------|-------|--------|---------|----------|--------|-------|------------------------|----|-----|----|--|--|
| | | | HR | MN | SC | DEG | MN | +CAM | IMAGE | OB | LG | DATE | HR | MN | SC | MIN | SC | | |
| HD 88015 | 21 | 6.7 | 10 | 05 | 37 | -48 01 | L 2 | 1894 | S 0 | 26JUL78 | 03 34 33 | 15 | VILSP | GOOD | | | | | |
| HD 88015 | 21 | 6.7 | 10 | 05 | 37 | -48 01 | L 2 | 1894 | L 0 | 26JUL78 | 03 36 00 | 15 | VILSP | A BIT SAT | | | | | |
| N 49 | 75 | 14.0 | 05 | 26 | 00 | -66 08 | L 3 | 2115 | L 0 | 26JUL78 | 21 14 21 | 385 00 | BD033 | OK | | | | | |
| P2135-14 | 85 | 15.0 | 21 | 35 | 01 | -14 46 | L 3 | 2128 | L 0 | 28JUL78 | 03 20 00 | 17 00 | UK016 | NO SPECTRUM | | | | | |
| HD181615 | 34 | 4.6 | 19 | 18 | 52 | -16 03 | H 2 | 1909 | S C | 28JUL78 | 23 05 00 | 10 00 | MHA02 | | | | | | |
| HD181615 | 34 | 4.6 | 19 | 18 | 52 | -16 03 | H 3 | 2136 | S C | 28JUL78 | 23 35 00 | 60 00 | MHA02 | | | | | | |
| HD181615 | 34 | 4.6 | 19 | 18 | 52 | -16 03 | H 2 | 1910 | S C | 29JUL78 | 01 52 00 | 20 00 | MHA02 | | | | | | |
| HD181615 | 34 | 4.6 | 19 | 18 | 52 | -16 03 | H 3 | 2137 | S C | 29JUL78 | 02 20 00 | 75 00 | MHA02 | | | | | | |
| 3C 387 | 86 | 14.7 | 18 | 33 | 12 | +32 39 | L 2 | 1915 | L 0 | 29JUL78 | 22 06 00 | 120 00 | UK016 | A BIT WEAK MAX DN 120 | | | | | |
| 0026+129 | 85 | 14.8 | 00 | 26 | 38 | +04 13 | L 3 | 2148 | L 0 | 30JUL78 | 01 40 00 | 120 00 | UK016 | A BIT WEAK MAX DN 120 | | | | | |
| M 87 | 81 | 10.0 | 12 | 28 | 18 | +12 40 | L 3 | 2157 | L 0 | 30JUL78 | 20 59 00 | 400 00 | FBB24 | UNDEREXP EX AT LONG WL | | | | | |
| HD208816 | 48 | 5.7 | 21 | 55 | 14 | +63 23 | L 3 | 2162 | S 0 | 31JUL78 | 20 54 00 | 1 00 | MHA02 | A BIT WEAK | | | | | |
| HD208816 | 48 | 5.7 | 21 | 55 | 14 | +63 23 | L 3 | 2162 | L 0 | 31JUL78 | 20 58 00 | 2 00 | MHA02 | GOOD AT LONG WL | | | | | |
| HD208816 | 48 | 5.7 | 21 | 55 | 14 | +63 23 | H 2 | 1931 | S C | 31JUL78 | 21 09 00 | 113 00 | MHA02 | A BIT WEAK AT SHORT WL | | | | | |
| CH CYG | 48 | 7.0 | 19 | 23 | 14 | +50 08 | L 3 | 2163 | L 0 | 31JUL78 | 23 35 00 | 20 00 | MHA02 | GOOD | | | | | |
| HD193237 | 23 | 5.8 | 20 | 15 | 50 | +37 52 | L 2 | 1932 | L 0 | 01AUG78 | 00 53 00 | 20 | VILSP | A BIT STRONG | | | | | |
| HD193237 | 23 | 5.8 | 20 | 15 | 50 | +37 52 | L 3 | 2164 | L 0 | 01AUG78 | 01 30 00 | 40 | VILSP | A BIT STRONG | | | | | |
| HD193237 | 23 | 5.8 | 20 | 15 | 50 | +37 52 | L 3 | 2164 | S 0 | 01AUG78 | 01 35 00 | 40 | VILSP | GOOD | | | | | |
| HR 8752 | 44 | 5.0 | 22 | 57 | 58 | +56 41 | L 2 | 1933 | S 0 | 01AUG78 | 02 50 00 | 20 00 | VILSP | GOOD | | | | | |
| HR 8752 | 44 | 5.0 | 22 | 57 | 58 | +56 41 | L 2 | 1933 | S 0 | 01AUG78 | 03 15 00 | 1 30 | VILSP | UNDEREXPOSED | | | | | |
| NGC 4151 | 84 | 11.7 | 12 | 08 | 00 | +39 41 | H 3 | 2170 | L 0 | 01AUG78 | 20 18 00 | 300 00 | UK138 | 23 | | | | | |
| NGC 4151 | 84 | 11.7 | 12 | 08 | 00 | +39 41 | L 3 | 2171 | L 0 | 02AUG78 | 02 08 18 | 30 00 | UK138 | 45 | | | | | |
| ESO 113 | 85 | 13.2 | 11 | 21 | 51 | -59 04 | L 2 | 1954 | L 0 | 02AUG78 | 20 07 54 | 45 00 | UK138 | 56 | | | | | |
| ESO 113 | 85 | 13.2 | 11 | 21 | 51 | -59 04 | L 3 | 2178 | L 0 | 02AUG78 | 21 16 37 | 45 00 | UK138 | 45 | | | | | |
| I Zw 1 | 85 | 14.0 | 00 | 50 | 58 | +12 25 | L 2 | 1955 | L 0 | 02AUG78 | 23 10 06 | 210 00 | UK138 | 56 | | | | | |
| HD149757 | 12 | 2.6 | 16 | 34 | 24 | -10 28 | H 3 | 2186 | S C | 03AUG78 | 19 58 16 | 1 20 | LS044 | 50 | | | | | |
| HD148184 | 20 | 4.4 | 16 | 24 | 07 | -18 21 | H 2 | 1969 | S C | 03AUG78 | 20 45 52 | 12 00 | LS044 | 30 | | | | | |
| HD143275 | 20 | 3.3 | 15 | 57 | 23 | -22 29 | H 2 | 2220 | S C | 03AUG78 | 20 55 45 | 20 | UK022 | 50 | | | | | |
| HD148184 | 20 | 4.4 | 16 | 24 | 07 | -18 21 | H 3 | 2187 | S C | 03AUG78 | 21 16 00 | 15 00 | LS044 | 60 | | | | | |
| HD148184 | 20 | 4.4 | 16 | 24 | 07 | -18 21 | H 2 | 1970 | S C | 03AUG78 | 22 05 05 | 35 00 | LS044 | 700XP IN LW PART | | | | | |
| HD148184 | 20 | 4.4 | 16 | 24 | 07 | -18 21 | H 3 | 2188 | S C | 03AUG78 | 22 50 00 | 9 00 | LS044 | 50 | | | | | |
| HD149404 | 13 | 5.5 | 16 | 32 | 52 | -42 45 | H 2 | 1971 | S C | 04AUG78 | 00 20 07 | 60 00 | LS044 | 500XP IN SW PART | | | | | |
| HD149404 | 13 | 5.5 | 16 | 32 | 52 | -42 45 | H 3 | 2189 | S C | 04AUG78 | 01 25 37 | 75 00 | LS044 | 600XP IN LW PART | | | | | |
| HD164794 | 14 | 5.9 | 18 | 00 | 48 | -24 22 | H 3 | 2202 | S C | 04AUG78 | 19 40 29 | 17 00 | LS017 | 760XP IN LW PART | | | | | |
| HD164794 | 14 | 5.9 | 18 | 00 | 48 | -24 22 | H 2 | 1982 | S C | 04AUG78 | 20 49 39 | 26 00 | LS017 | 760XP IN LW PART | | | | | |
| M 8 | 73 | 14.0 | 18 | 00 | 37 | -24 23 | L 3 | 2203 | L 0 | 04AUG78 | 21 39 57 | 12 00 | LS017 | 22RADIO PEAK | | | | | |
| M 8 | 73 | 14.0 | 18 | 00 | 37 | -24 23 | L 2 | 1984 | L 0 | 04AUG78 | 22 32 45 | 30 00 | LS017 | 22RADIO PEAK | | | | | |
| M 8 | 73 | 14.0 | 18 | 00 | 37 | -24 23 | L 3 | 2204 | L 0 | 04AUG78 | 23 16 09 | 60 00 | LS017 | 20RADIO PEAK | | | | | |
| HD164794 | 14 | 5.9 | 18 | 00 | 48 | -24 22 | H 2 | 1985 | S C | 05AUG78 | 00 32 10 | 12 00 | LS017 | 40 | | | | | |
| HD164794 | 14 | 5.9 | 18 | 00 | 48 | -24 22 | H 3 | 2205 | S C | 05AUG78 | 01 00 02 | 8 00 | LS017 | 40 | | | | | |
| ESO 113 | 84 | 13.2 | 01 | 21 | 51 | -59 04 | L 3 | 2215 | L 0 | 05AUG78 | 19 52 40 | 120 00 | UK138 | 57 | | | | | |
| I Zw 1 | 85 | 14.0 | 00 | 50 | 58 | +12 25 | L 3 | 2216 | L 0 | 05AUG78 | 23 23 26 | 200 00 | UK138 | 45 | | | | | |
| G2204 | 85 | 17.5 | 22 | 04 | 33 | -40 52 | L 3 | 2227 | L 0 | 06AUG78 | 21 12 00 | 327 00 | UK134 | 1102204-408 | | | | | |
| HD200775 | 20 | 7.0 | 21 | 00 | 59 | +67 58 | L 2 | 2009 | S 0 | 07AUG78 | 21 12 00 | 8 00 | VB032 | 70000 AT 2200A | | | | | |
| HD200775 | 20 | 7.0 | 21 | 00 | 59 | +67 58 | L 3 | 2232 | L 0 | 07AUG78 | 22 00 00 | 5 00 | VB032 | 50CAMERA NOT PREPPED | | | | | |
| HD200775 | 20 | 7.0 | 21 | 00 | 59 | +67 58 | L 3 | 2232 | S 0 | 07AUG78 | 22 30 00 | 10 01 | VB032 | 10CAMERA NOT PREPPED | | | | | |
| HD200775 | 20 | 7.0 | 21 | 00 | 59 | +67 58 | L 2 | 2010 | L 0 | 07AUG78 | 23 15 00 | 2 00 | VB032 | 30 | | | | | |

| OBJECT | CL | MAG | RT ASCN | | | DECLN | | DISP | | APERT | | DATE | START | | | LENGTH | PROG | COMMENT | | |
|----------|----|------|---------|----|----|-------|----|------|-------|-------|----|------|---------|----|----|--------|------|---------|-------|--------------------------|
| | | | HR | MN | SC | DEG | NN | +CAM | IMAGE | OB | LG | | HR | MN | SC | | | | MIN | SC |
| HD200775 | 20 | 7.0 | 21 | 00 | 59 | +67 | 58 | L | 3 | 2233 | L | 0 | 08AUG78 | 01 | 01 | 00 | 7 | 00 | VB032 | 10FES PROBLEM? |
| V1016CVG | 20 | 11.5 | 19 | 55 | 20 | +39 | 41 | L | 2 | 2011 | L | 0 | 08AUG78 | 01 | 59 | 00 | 40 | 00 | VB032 | 10 |
| RR TEL | 57 | 10.7 | 20 | 00 | 20 | -55 | 52 | H | 2 | 2021 | L | 0 | 08AUG78 | 20 | 17 | 24 | 150 | 00 | VILSP | 46 |
| RR TEL | 57 | 10.7 | 20 | 00 | 20 | -55 | 52 | H | 3 | 2247 | L | 0 | 08AUG78 | 22 | 54 | 22 | 180 | 00 | VILSP | 36 |
| RR TEL | 57 | 10.7 | 20 | 00 | 20 | -55 | 52 | L | 2 | 2022 | L | 0 | 09AUG78 | 02 | 12 | 17 | 5 | 00 | VILSP | 56 |
| Q2204 | 85 | 17.5 | 22 | 04 | 33 | -40 | 52 | L | 3 | 2251 | L | 0 | 09AUG78 | 19 | 50 | 51 | 350 | 00 | UK13A | 11Q2204=408 |
| MKN 205 | 85 | 14.5 | 12 | 19 | 37 | +75 | 35 | L | 3 | 2261 | L | 0 | 10AUG78 | 20 | 18 | 15 | 320 | 00 | UK13A | 55 |
| HD204816 | 49 | 4.8 | 21 | 55 | 14 | +63 | 23 | H | 2 | 2109 | S | C | 18AUG78 | 18 | 56 | 38 | 120 | 00 | UK045 | 46MAG II SAT |
| I-ZW 1 | 85 | 14.0 | 00 | 50 | 58 | +12 | 25 | L | 3 | 2333 | L | 0 | 18AUG78 | 23 | 05 | 41 | 155 | 00 | UK13B | 34 |
| HD210839 | 15 | 5.0 | 22 | 09 | 49 | +59 | 18 | H | 2 | 2128 | S | C | 20AUG78 | 18 | 58 | 27 | 10 | 00 | UK031 | 700K BELOW 2550A |
| HD210839 | 15 | 5.0 | 22 | 09 | 49 | +59 | 18 | H | 3 | 2343 | S | C | 20AUG78 | 19 | 40 | 39 | 40 | 00 | UK031 | 77SAT ABOVE 1700A |
| HD199081 | 21 | 4.7 | 20 | 51 | 29 | +44 | 13 | H | 2 | 2129 | S | C | 20AUG78 | 21 | 53 | 28 | 4 | 00 | UK031 | 70SAT 2400 TO 2800A |
| HD199081 | 21 | 4.7 | 20 | 51 | 29 | +44 | 13 | H | 3 | 2344 | S | C | 20AUG78 | 22 | 07 | 33 | 5 | 00 | UK031 | 70SAT ABOVE 1800A |
| HD193322 | 15 | 5.8 | 20 | 16 | 21 | +40 | 35 | H | 3 | 2345 | S | C | 20AUG78 | 23 | 10 | 23 | 40 | 00 | UK031 | 80 |
| HD193322 | 15 | 5.8 | 20 | 16 | 21 | +40 | 35 | H | 2 | 2130 | S | C | 20AUG78 | 23 | 57 | 33 | 12 | 00 | UK031 | 60 |
| HD193322 | 15 | 5.8 | 20 | 16 | 21 | +40 | 35 | H | 3 | 2346 | S | C | 21AUG78 | 00 | 10 | 02 | 25 | 00 | UK031 | 70SAT ABOVE 1700A |
| HD193322 | 15 | 5.8 | 20 | 16 | 21 | +40 | 35 | H | 2 | 2131 | S | C | 21AUG78 | 01 | 20 | 42 | 20 | 00 | UK031 | 70SAT ABOVE 2800A |
| HD 41325 | 26 | 5.2 | 06 | 01 | 48 | -06 | 42 | H | 3 | 2355 | S | C | 21AUG78 | 19 | 39 | 16 | 5 | 00 | PSD13 | 50 |
| HD 41325 | 26 | 5.2 | 06 | 01 | 48 | -06 | 42 | H | 2 | 2138 | S | C | 21AUG78 | 20 | 00 | 08 | 6 | 00 | PSD13 | 70SAT ABOVE 2700A |
| HD 37202 | 26 | 3.0 | 05 | 34 | 39 | +21 | 07 | H | 3 | 2356 | S | C | 21AUG78 | 21 | 09 | 53 | 35 | 00 | PSD13 | 50 |
| HD 37202 | 26 | 3.0 | 05 | 34 | 39 | +21 | 07 | H | 2 | 2139 | S | C | 21AUG78 | 22 | 09 | 21 | 1 | 00 | PSD13 | 70SAT 2700 TO 3000A |
| HD 37202 | 26 | 3.0 | 05 | 34 | 39 | +21 | 07 | H | 3 | 2357 | S | C | 21AUG78 | 22 | 16 | 13 | 50 | 00 | PSD13 | 70MEAN 100 DN AT 1500A |
| HD 37202 | 26 | 3.0 | 05 | 34 | 39 | +21 | 07 | L | 2 | 2140 | S | C | 21AUG78 | 23 | 38 | 12 | 1 | 00 | PSD13 | 70 |
| HD 37202 | 26 | 3.0 | 05 | 34 | 39 | +21 | 07 | L | 2 | 2140 | L | 0 | 21AUG78 | 23 | 43 | 20 | 1 | 00 | PSD13 | 70 |
| HD 30836 | 23 | 3.7 | 04 | 48 | 33 | +05 | 31 | H | 3 | 2358 | S | C | 22AUG78 | 00 | 40 | 05 | 1 | 10 | PSD13 | 50WEAK AT 1550A |
| HD 30836 | 23 | 3.7 | 04 | 48 | 33 | +05 | 31 | H | 2 | 2141 | S | C | 22AUG78 | 01 | 08 | 04 | 1 | 20 | PSD13 | 70 |
| HD152236 | 23 | 4.8 | 16 | 50 | 28 | -42 | 17 | H | 3 | 2368 | S | C | 22AUG78 | 18 | 28 | 00 | 45 | 00 | UK031 | 60 |
| HD152236 | 23 | 4.8 | 16 | 50 | 28 | -42 | 17 | H | 2 | 2151 | S | C | 22AUG78 | 19 | 20 | 00 | 10 | 00 | UK031 | 50XP BELOW 2300 X4 |
| HD152236 | 23 | 4.8 | 16 | 50 | 28 | -42 | 17 | H | 2 | 2152 | S | C | 22AUG78 | 20 | 24 | 05 | 40 | 00 | UK031 | 70STILL WEAK BELOW 2300A |
| HD164353 | 24 | 4.0 | 17 | 58 | 08 | +02 | 56 | H | 3 | 2369 | S | C | 22AUG78 | 22 | 12 | 00 | 6 | 00 | UK031 | 70 |
| HD164353 | 24 | 4.0 | 17 | 58 | 08 | +02 | 56 | H | 2 | 2153 | S | C | 22AUG78 | 22 | 22 | 03 | 4 | 30 | UK031 | 70 |
| HD 29139 | 46 | 0.9 | 04 | 33 | 03 | +16 | 24 | H | 2 | 2154 | S | C | 23AUG78 | 00 | 25 | 26 | 30 | 00 | UK031 | 37MGII SAT, OTHERS NOT |
| HD 29139 | 46 | 0.9 | 04 | 33 | 03 | +16 | 24 | L | 3 | 2370 | S | C | 23AUG78 | 01 | 05 | 02 | 35 | 00 | UK031 | 37CONT 25 DN ABOVE BGD |
| HD121370 | 44 | 2.7 | 13 | 52 | 1A | +18 | 39 | H | 2 | 2161 | S | C | 23AUG78 | 20 | 57 | 00 | 24 | 00 | GG005 | 70SAT AT LW |
| HD121370 | 44 | 2.7 | 13 | 52 | 1A | +18 | 39 | H | 2 | 2162 | S | C | 23AUG78 | 21 | 58 | 00 | 6 | 00 | GG005 | 40 |
| DI CEP | 58 | 11.3 | 22 | 54 | 06 | +58 | 24 | L | 3 | 2379 | L | 0 | 23AUG78 | 23 | 35 | 00 | 125 | 00 | GG005 | 40 |
| HD 22192 | 26 | 4.2 | 03 | 32 | 56 | +48 | 02 | H | 3 | 2391 | S | C | 24AUG78 | 19 | 50 | 00 | 5 | 00 | UK031 | 60 |
| HD 22192 | 26 | 4.2 | 03 | 32 | 56 | +48 | 02 | H | 2 | 2168 | S | C | 24AUG78 | 20 | 02 | 00 | 4 | 00 | UK031 | 60 |
| HD206165 | 23 | 4.7 | 21 | 36 | 34 | +61 | 52 | H | 3 | 2392 | S | C | 24AUG78 | 21 | 11 | 00 | 50 | 00 | UK031 | 60 |
| HD206165 | 23 | 4.7 | 21 | 36 | 34 | +61 | 52 | H | 2 | 2169 | S | C | 24AUG78 | 22 | 08 | 00 | 20 | 00 | UK031 | 70STRONG GRADIENT IN EXP |
| HD 4614 | 44 | 3.4 | 00 | 46 | 05 | +57 | 33 | H | 2 | 2170 | S | C | 24AUG78 | 23 | 29 | 00 | 25 | 00 | UK031 | 30 |
| HD217675 | 22 | 4.7 | 22 | 59 | 37 | +42 | 03 | H | 3 | 2393 | S | C | 25AUG78 | 01 | 11 | 00 | 2 | 30 | UK031 | 60 |
| HD217675 | 22 | 4.7 | 22 | 59 | 37 | +42 | 03 | H | 2 | 2171 | S | C | 25AUG78 | 01 | 17 | 00 | 2 | 00 | UK031 | 50 |
| HD122563 | 46 | 6.2 | 14 | 00 | 05 | +09 | 56 | L | 2 | 2175 | L | 0 | 25AUG78 | 18 | 46 | 00 | 15 | 00 | FG004 | 70 |
| DI CEP | 58 | 11.3 | 22 | 54 | 06 | +58 | 24 | L | 3 | 2398 | L | 0 | 25AUG78 | 20 | 34 | 00 | 246 | 00 | FG004 | 04 |
| DI CEP | 58 | 11.3 | 22 | 54 | 06 | +58 | 24 | L | 2 | 2176 | L | 0 | 26AUG78 | 00 | 50 | 00 | 50 | 00 | FG004 | 30 |
| HD193495 | 41 | 3.1 | 20 | 18 | 12 | -14 | 56 | H | 2 | 2189 | S | C | 27AUG78 | 18 | 50 | 00 | 15 | 00 | BN053 | 60 |
| HD190248 | 44 | 3.6 | 20 | 03 | 50 | -66 | 19 | H | 2 | 2190 | S | C | 27AUG78 | 20 | 20 | 00 | 40 | 00 | BN053 | 60 |

| OBJECT | CL | MAG | RT ASCN HR MN SC | DECLN DFG MN | DISP +CAM | APERT OB LG | DATE | START HR MN SC | LENGTH MIN SC | PRG | COMMENT |
|----------|----|------|---------------------|-----------------|--------------|----------------|---------|-------------------|------------------|-------|------------------------|
| HD 1581 | 44 | 4.2 | 00 17 29 | -65 10 | H 2 | 2191 S C | 27AUG78 | 21 58 00 | 45 00 | BN053 | 60 |
| HD 2151 | 44 | 2.8 | 00 23 09 | -77 32 | H 2 | 2192 S C | 27AUG78 | 23 33 00 | 13 00 | BN053 | 60 |
| HD 12311 | 40 | 2.9 | 01 57 12 | -61 49 | H 2 | 2193 S C | 28AUG78 | 00 33 00 | 7 00 | BN053 | 50 |
| HD 10700 | 44 | 3.5 | 01 41 45 | -16 12 | H 2 | 2194 S C | 28AUG78 | 01 18 00 | 21 00 | BN053 | 40 |
| VENUS | 03 | 4.0 | 13 14 21 | -09 57 | L 2 | 2200 S C | 28AUG78 | 19 50 00 | 15 00 | UK043 | 10WRONG COORDS |
| VESTA | 05 | 7.0 | 16 48 55 | -22 03 | L 2 | 2201 L O | 28AUG78 | 22 23 00 | 15 00 | UK043 | 20 |
| URANUS | 03 | 6.0 | 14 40 52 | -15 16 | L 3 | 2410 S C | 28AUG78 | 23 31 00 | 120 00 | UK043 | 02 |
| T CRB | 63 | 10.0 | 15 57 24 | +26 04 | L 3 | 2412 S C | 29AUG78 | 23 40 20 | 120 00 | VILSP | 56SW CONT A BIT WEAK |
| HD175191 | 20 | 2.1 | 18 52 12 | -26 22 | H 2 | 2218 S C | 30AUG78 | 18 37 00 | 8 | UK022 | 40 |
| HD175191 | 20 | 2.1 | 18 52 12 | -26 22 | H 2 | 2219 S C | 30AUG78 | 19 06 45 | 12 | UK022 | 50 |
| HD175191 | 20 | 2.1 | 18 52 12 | -26 22 | H 3 | 2416 S C | 30AUG78 | 19 58 54 | 25 | UK022 | 70 |
| HD143275 | 20 | 3.3 | 15 57 23 | -22 29 | H 3 | 2417 S C | 30AUG78 | 21 22 16 | 16 | UK022 | 50 |
| HD143275 | 20 | 3.3 | 15 57 23 | -22 29 | H 2 | 2221 S C | 30AUG78 | 21 51 24 | 40 | UK022 | 70OK FOR SW PART |
| HD116658 | 20 | 1.0 | 13 22 42 | -10 54 | H 2 | 2222 S C | 30AUG78 | 22 48 25 | 5 | UK022 | 60 |
| HD116658 | 20 | 1.0 | 13 22 42 | -10 54 | H 3 | 2418 S C | 30AUG78 | 23 19 00 | 5 | UK022 | 60 |
| HD116658 | 20 | 1.0 | 13 22 42 | -10 54 | H 2 | 2223 S C | 30AUG78 | 23 37 26 | 7 | UK022 | 70 |
| HD193237 | 27 | 4.8 | 20 15 56 | +37 53 | H 2 | 2224 S C | 31AUG78 | 00 46 45 | 12 40 | UK022 | 56 |
| HD193237 | 27 | 4.8 | 20 15 56 | +37 53 | H 3 | 2419 S C | 31AUG78 | 01 05 18 | 20 00 | UK022 | 34 |
| HD192163 | 70 | 7.7 | 20 10 17 | +38 12 | H 3 | 2424 S C | 31AUG78 | 16 40 06 | 60 00 | DF010 | 99SATURATED BACKGROUND |
| V1016CYG | 71 | 9.0 | 19 55 18 | +39 41 | H 2 | 2227 S C | 31AUG78 | 18 14 08 | 60 00 | DF010 | 15 |
| V1016CYG | 71 | 9.0 | 19 55 18 | +39 41 | H 3 | 2425 S C | 31AUG78 | 19 20 46 | 20 00 | DF010 | 14 |
| V1016CYG | 71 | 9.0 | 19 55 18 | +39 41 | H 2 | 2228 L O | 31AUG78 | 19 55 22 | 35 00 | DF010 | 16 |
| V1016CYG | 71 | 9.0 | 19 55 18 | +39 41 | H 3 | 2426 S C | 31AUG78 | 20 39 14 | 60 00 | DF010 | 16 |
| V1016CYG | 71 | 9.0 | 19 55 18 | +39 41 | L 2 | 2229 L O | 31AUG78 | 21 46 49 | 40 00 | DF010 | 79 |
| V1016CYG | 71 | 9.0 | 19 55 18 | +39 41 | L 3 | 2427 L O | 31AUG78 | 22 36 20 | 40 00 | DF010 | 49 |