

Table 2

Possible Occultations by Pluto

| Event* | Old Event ID* | Closest Approach | | | | CCD Mag. | Signal-to-Noise Ratio* | Solar Angle (deg) | East Long (deg) | Right Ascension (J2000) (hh mm ss.sss) | Declination (J2000) (° ' ") | Distance (AU) | Strips |
|--------|---------------|-------------------------------------|-----------------------|----------------------|--|----------|------------------------|-------------------|-----------------|---|--------------------------------|---------------|---------------------|
| | | Date and Time (yyyy mm dd hh:ss) | Min. Sep. (arcsec) | PA of Pluto (deg) | Shadow Velocity (km s ⁻¹) | | | | | | | | |
| P50 | P50 | 2000 01 01 09:08 | 0.21 | 184 | 32.4 | 16.1 | 29 | 31 | 14 | 16 45 41.745 | -11 23 45.58 | 31.07 | 06a,b,07b,c,d,08d,e |
| P51 | P51 | 2000 01 11 15:50 | 0.46 | 183 | 29.4 | 15.2 | 63 | 40 | -97 | 16 47 04.780 | -11 25 11.33 | 30.97 | 07b,c,d,08d |
| P52 | P52 | 2000 01 20 04:58 | 0.67 | 181 | 26.5 | 17.7 | 7 | 48 | 58 | 16 48 07.564 | -11 25 44.70 | 30.87 | 07b,d,08d,e |
| P52.1 | ---- | 2000 02 04 14:57 | 0.84 | 357 | 20.2 | 17.6 | 9 | 63 | -106 | 16 49 42.934 | -11 25 24.44 | 30.67 | 07b,c,d,08d |
| P54.1 | ---- | 2000 02 25 07:52 | 0.72 | 343 | 10.5 | 13.5 | 390 | 83 | -20 | 16 51 07.051 | -11 22 24.93 | 30.34 | 06a,b,07b,c,d,08e |
| P55 | P55 | 2000 04 01 22:43 | 0.96 | 30 | 9.4 | 17.8 | 12 | 119 | 81 | 16 51 15.704 | -11 12 28.53 | 29.75 | 05b,06b |
| P56.1 | ---- | 2000 06 25 12:33 | 0.39 | 357 | 21.4 | 17.0 | 15 | 154 | 148 | 16 43 43.687 | -10 56 27.89 | 29.36 | 04a,b |
| P57 | P57 | 2000 07 09 06:57 | 0.96 | 173 | 18.2 | 16.0 | 41 | 142 | -141 | 16 42 28.443 | -10 57 53.73 | 29.48 | 03a,b,04a |
| P58.2 | ---- | 2000 09 05 06:57 | 0.79 | 229 | 10.4 | 17.5 | 14 | 87 | 161 | 16 40 42.111 | -11 18 33.02 | 30.33 | 07b,d |
| P60 | P60 | 2000 09 25 08:22 | 0.90 | 28 | 18.7 | 14.7 | 121 | 68 | 120 | 16 41 43.830 | -11 29 27.71 | 30.66 | 07b,c,d,08d,09c |
| P62 | P62 | 2000 10 10 12:18 | 0.34 | 201 | 24.7 | 18.4 | 4 | 54 | 47 | 16 43 03.011 | -11 38 03.75 | 30.89 | 08d,09c,10d |
| P63 | P63 | 2000 10 11 03:58 | 0.20 | 200 | 25.0 | 17.7 | 8 | 53 | 171 | 16 43 06.981 | -11 38 26.14 | 30.89 | 08d,09c,d,10b,c,d |
| P64.1 | ---- | 2000 11 07 00:26 | 0.73 | 194 | 33.0 | 16.7 | 16 | 29 | -162 | 16 46 23.895 | -11 52 59.70 | 31.19 | 10c,d,11c,d,12a |
| P68 | P68 | 2001 01 08 00:04 | 0.93 | 183 | 31.0 | 14.7 | 96 | 35 | 145 | 16 55 35.072 | -12 13 26.52 | 31.14 | 13b,14b |
| P69 | C69 | 2001 01 12 14:31 | 0.57 | 3 | 29.6 | 13.6 | 219 | 39 | -76 | 16 56 11.481 | -12 13 56.52 | 31.09 | 13b,14b |
| P69.1 | ---- | 2001 01 21 14:57 | 0.98 | 1 | 26.5 | 17.1 | 13 | 48 | -91 | 16 57 17.930 | -12 14 26.86 | 30.99 | 13b,14b |
| P70 | P70 | 2001 01 22 16:35 | 0.75 | 180 | 26.1 | 16.3 | 28 | 49 | -117 | 16 57 25.319 | -12 14 26.29 | 30.98 | 14b |
| P71 | P71 | 2001 01 25 15:07 | 0.56 | 180 | 25.0 | 17.3 | 11 | 52 | -98 | 16 57 45.086 | -12 14 27.34 | 30.94 | 13b,14b |
| P73 | P73 | 2001 02 02 11:01 | 0.38 | 178 | 21.7 | 16.1 | 35 | 59 | -44 | 16 58 33.381 | -12 14 12.97 | 30.84 | 13b,14b |
| P78 | P78 | 2001 04 13 15:57 | 0.48 | 19 | 12.8 | 16.5 | 32 | 128 | 174 | 17 00 00.177 | -11 59 20.18 | 29.74 | 11b,c,d |
| P80 | P80 | 2001 04 29 09:09 | 0.87 | 12 | 18.1 | 16.0 | 43 | 143 | -100 | 16 58 55.600 | -11 55 07.37 | 29.57 | 11b,c,d,12a |
| P81 | P81 | 2001 05 05 00:17 | 0.65 | 10 | 19.7 | 16.9 | 17 | 148 | 27 | 16 58 26.957 | -11 53 45.05 | 29.52 | 10c,11b,c,d,12b |
| P82 | P82 | 2001 05 08 18:38 | 0.23 | 188 | 20.5 | 16.8 | 20 | 152 | 108 | 16 58 06.500 | -11 52 52.80 | 29.49 | 10c,d,11b,c,d |
| P83 | P83 | 2001 05 09 00:58 | 1.00 | 189 | 20.6 | 16.3 | 31 | 152 | 13 | 16 58 05.036 | -11 52 48.58 | 29.48 | 10c,d,11b,c,d,12a |
| P84 | P84 | 2001 05 17 09:57 | 0.59 | 7 | 22.2 | 15.3 | 69 | 159 | -130 | 16 57 16.147 | -11 51 08.19 | 29.43 | 10b,c,d,11b,c,d |
| P85 | P85 | 2001 05 22 02:36 | 0.10 | 187 | 22.8 | 17.7 | 8 | 163 | -25 | 16 56 47.236 | -11 50 18.65 | 29.41 | 10d,11c |
| P86 | P86 | 2001 06 05 14:07 | 0.15 | 182 | 23.6 | 17.6 | 9 | 169 | 148 | 16 55 14.198 | -11 48 32.17 | 29.39 | 10b,c,d,11d |
| P87 | P87 | 2001 06 09 17:33 | 0.66 | 182 | 23.5 | 17.4 | 11 | 168 | 92 | 16 54 47.274 | -11 48 14.90 | 29.40 | 10b,d,11d |
| P88 | P88 | 2001 06 12 04:57 | 0.39 | 1 | 23.4 | 17.2 | 13 | 167 | -81 | 16 54 31.248 | -11 48 09.00 | 29.40 | 10d |
| P89 | P89 | 2001 06 12 14:58 | 0.07 | 0 | 23.4 | 17.9 | 6 | 167 | 128 | 16 54 28.551 | -11 48 07.70 | 29.40 | 11d |
| P90 | P90 | 2001 06 13 23:39 | 0.05 | 183 | 23.3 | 17.7 | 8 | 166 | -4 | 16 54 19.791 | -11 48 04.92 | 29.41 | 10c,d,11c |
| P91 | C91 | 2001 06 14 11:09 | 0.52 | 1 | 23.2 | 15.7 | 49 | 166 | -177 | 16 54 16.714 | -11 48 04.76 | 29.41 | 10c,d,11b,c,d |
| P91.1 | ---- | 2001 06 17 19:57 | 0.61 | 0 | 23.0 | 15.7 | 46 | 163 | 48 | 16 53 55.254 | -11 48 02.47 | 29.42 | 10c,d,11b,c,d |
| P92 | C92 | 2001 06 19 17:10 | 0.57 | 180 | 22.7 | 18.6 | 4 | 162 | 88 | 16 53 43.377 | -11 48 01.66 | 29.43 | 10d,11d |
| P92.1 | ---- | 2001 07 06 08:33 | 0.09 | 175 | 19.7 | 16.4 | 28 | 147 | -160 | 16 52 05.585 | -11 49 11.65 | 29.54 | 10b,c,d,11b,c,d |
| P94 | P94 | 2001 09 24 03:48 | 0.83 | 29 | 16.9 | 16.0 | 42 | 72 | -168 | 16 50 37.693 | -12 18 27.27 | 30.72 | 14b,15a,b |
| P95 | P95 | 2001 10 03 17:23 | 0.31 | 24 | 20.9 | 14.1 | 185 | 63 | -21 | 16 51 20.573 | -12 23 31.70 | 30.87 | 15a,b,16a,b |
| P97 | P97 | 2001 10 20 08:44 | 0.03 | 20 | 27.3 | 18.4 | 4 | 47 | 93 | 16 52 59.611 | -12 32 20.58 | 31.10 | 16b |

| | | | | | | | | | | | | | |
|--------|------|------------------|------|-----|------|------|-----|-----|------|--------------|--------------|-------|---------------------|
| P98 | P98 | 2001 10 20 12:26 | 0.66 | 197 | 27.4 | 17.9 | 6 | 47 | 38 | 16 53 00.676 | -12 32 24.75 | 31.10 | 16b |
| P99 | P99 | 2001 10 25 02:59 | 0.18 | 17 | 28.9 | 16.8 | 16 | 43 | 175 | 16 53 33.026 | -12 34 48.37 | 31.16 | 16b,17b,c |
| P99.1 | ---- | 2001 10 31 23:33 | 0.27 | 194 | 30.9 | 17.2 | 11 | 36 | -140 | 16 54 24.562 | -12 38 14.89 | 31.23 | 16b,17b,18b |
| P100 | P100 | 2001 11 06 09:32 | 0.41 | 14 | 32.3 | 18.1 | 5 | 31 | 65 | 16 55 07.760 | -12 40 53.25 | 31.28 | 18b,c |
| P101 | P101 | 2001 11 08 05:37 | 0.71 | 13 | 32.7 | 17.4 | 9 | 30 | 122 | 16 55 22.868 | -12 41 45.57 | 31.30 | 17c,18b,c |
| P102.1 | ---- | 2002 01 08 02:48 | 0.83 | 3 | 31.6 | 12.8 | 355 | 33 | 106 | 17 04 25.572 | -13 00 35.62 | 31.29 | 19b,c,20a,b,21a |
| P103 | C103 | 2002 01 10 00:16 | 0.72 | 183 | 31.1 | 13.6 | 204 | 34 | 143 | 17 04 41.057 | -13 00 46.58 | 31.27 | 20a,b |
| P105 | P105 | 2002 01 20 01:30 | 0.07 | 182 | 27.9 | 16.3 | 25 | 44 | 114 | 17 05 58.772 | -13 01 30.44 | 31.17 | 21b |
| P106 | C106 | 2002 02 05 02:55 | 0.10 | 357 | 21.7 | 15.7 | 49 | 60 | 78 | 17 07 43.931 | -13 01 18.29 | 30.96 | 20a,21a,b |
| P107 | P107 | 2002 02 14 05:55 | 0.49 | 174 | 17.5 | 14.9 | 108 | 68 | 24 | 17 08 31.243 | -13 00 30.35 | 30.83 | 19b,c,20a,b,21a,b |
| P108 | P108 | 2002 04 25 13:60 | 0.51 | 193 | 16.1 | 16.3 | 33 | 137 | -166 | 17 08 32.793 | -12 45 18.39 | 29.76 | 17b,c,18b,c,19c |
| P110 | P110 | 2002 05 07 09:41 | 0.41 | 9 | 19.6 | 18.0 | 7 | 148 | -114 | 17 07 35.840 | -12 42 44.38 | 29.64 | 18c |
| P112 | P112 | 2002 05 15 13:39 | 0.19 | 187 | 21.4 | 18.5 | 4 | 156 | 179 | 17 06 50.217 | -12 41 12.42 | 29.59 | 17b |
| P115 | P115 | 2002 06 06 09:49 | 0.17 | 183 | 23.6 | 16.4 | 26 | 170 | -146 | 17 04 33.252 | -12 38 34.91 | 29.52 | 17c,18b,c,d |
| P115.1 | ---- | 2002 06 10 22:52 | 0.59 | 2 | 23.6 | 15.9 | 39 | 169 | 14 | 17 04 03.651 | -12 38 22.03 | 29.52 | 16b,17b,c,18b,c,d |
| P116 | P116 | 2002 06 14 02:04 | 0.18 | 0 | 23.5 | 17.4 | 11 | 168 | -38 | 17 03 43.314 | -12 38 16.25 | 29.53 | 17b,c |
| P117 | P117 | 2002 06 18 14:28 | 0.81 | 180 | 23.1 | 17.1 | 15 | 165 | 132 | 17 03 14.270 | -12 38 13.98 | 29.54 | 16b,17b,18b |
| P119 | C119 | 2002 07 01 22:59 | 0.32 | 356 | 21.2 | 11.4 | 910 | 154 | -9 | 17 01 52.334 | -12 38 56.23 | 29.61 | 17b,c,18b,c,d |
| P120 | C120 | 2002 07 02 15:43 | 0.54 | 356 | 21.1 | 15.9 | 42 | 153 | 99 | 17 01 48.286 | -12 39 00.48 | 29.62 | 17b,c,18b,c,d |
| P123 | C123 | 2002 07 09 07:43 | 0.21 | 173 | 19.6 | 17.2 | 14 | 147 | -148 | 17 01 11.065 | -12 39 47.78 | 29.67 | 17c,18b,c |
| P124 | P124 | 2002 07 12 20:49 | 0.44 | 173 | 18.7 | 17.3 | 13 | 144 | 12 | 17 00 52.526 | -12 40 20.32 | 29.70 | 17b,18b,c |
| P126 | C126 | 2002 07 20 01:51 | 0.42 | 169 | 16.6 | 12.0 | 765 | 137 | -71 | 17 00 18.002 | -12 41 41.63 | 29.78 | 17b,c,18b,c,d |
| P126.2 | ---- | 2002 07 21 11:02 | 0.03 | 350 | 16.2 | 16.3 | 35 | 136 | 150 | 17 00 11.917 | -12 41 59.86 | 29.80 | 17c,18c |
| P129 | P129 | 2002 07 26 07:04 | 0.97 | 165 | 14.6 | 16.8 | 23 | 131 | -155 | 16 59 52.028 | -12 43 07.04 | 29.86 | 17b,c |
| P130.1 | ---- | 2002 08 09 16:49 | 0.02 | 333 | 9.7 | 14.0 | 286 | 118 | 44 | 16 59 07.466 | -12 47 19.99 | 30.06 | 18b,c,d,19b,c |
| P131.1 | ---- | 2002 08 21 06:30 | 0.08 | 299 | 6.6 | 14.9 | 180 | 107 | -173 | 16 58 49.456 | -12 51 31.41 | 30.24 | 18b,18c,18d,19b |
| P131.2 | ---- | 2002 09 17 22:43 | 0.94 | 215 | 13.0 | 16.7 | 27 | 80 | -83 | 16 59 16.752 | -13 03 43.54 | 30.71 | 21b |
| P132 | P132 | 2002 10 18 00:31 | 0.65 | 18 | 25.5 | 14.9 | 89 | 52 | -139 | 17 01 36.372 | -13 18 35.66 | 31.17 | 22a,b,23a,b,c |
| P133 | P133 | 2002 10 24 17:37 | 0.21 | 195 | 27.8 | 17.9 | 6 | 45 | -42 | 17 02 21.146 | -13 21 49.95 | 31.26 | 23b,c |
| P136 | P136 | 2002 11 03 00:32 | 0.55 | 14 | 30.7 | 16.0 | 31 | 37 | -154 | 17 03 29.748 | -13 26 11.54 | 31.36 | 23b,24a,b,c |
| P137 | P137 | 2002 11 03 03:50 | 0.47 | 14 | 30.7 | 15.2 | 64 | 37 | 156 | 17 03 30.822 | -13 26 15.23 | 31.36 | 23a,b,c,24a,c |
| P138 | P138 | 2002 11 03 23:53 | 0.84 | 193 | 31.0 | 17.9 | 6 | 36 | -146 | 17 03 37.364 | -13 26 36.73 | 31.37 | 23b,c |
| P139 | P139 | 2002 11 07 01:46 | 0.34 | 193 | 31.8 | 12.3 | 450 | 33 | -177 | 17 04 01.833 | -13 27 59.71 | 31.40 | 23a,b,c,24a,b,c |
| P140 | P140 | 2002 11 09 03:31 | 0.91 | 192 | 32.3 | 15.6 | 44 | 31 | 155 | 17 04 18.702 | -13 28 53.93 | 31.42 | 23a,b,c,24c |
| P141 | P141 | 2002 11 12 17:47 | 0.41 | 12 | 33.1 | 17.8 | 6 | 28 | -63 | 17 04 48.555 | -13 30 27.61 | 31.45 | 23b,c,24b,c,25a |
| P142 | P142 | 2002 11 13 22:02 | 0.88 | 11 | 33.4 | 15.4 | 50 | 27 | -127 | 17 04 58.499 | -13 30 57.70 | 31.46 | 23a,c,24a,b,c,25a,b |
| P143 | P143 | 2002 11 15 22:57 | 0.69 | 11 | 33.8 | 15.9 | 32 | 25 | -143 | 17 05 15.912 | -13 31 48.24 | 31.47 | 24a,b,c,25a,b |
| P145.1 | ---- | 2003 01 07 10:00 | 0.72 | 3 | 32.4 | 14.6 | 99 | 30 | 1 | 17 13 07.958 | -13 46 06.55 | 31.45 | 25b,26a,b,27b |
| P146 | C146 | 2003 01 09 18:26 | 0.49 | 3 | 31.8 | 15.5 | 49 | 32 | -127 | 17 13 27.586 | -13 46 21.63 | 31.43 | 26a,b,27b |
| P148.1 | ---- | 2003 01 13 08:28 | 0.41 | 2 | 30.8 | 14.9 | 78 | 35 | 19 | 17 13 56.830 | -13 46 41.38 | 31.40 | 26a,b,27b |
| P149 | P149 | 2003 01 13 12:00 | 0.03 | 0 | 30.8 | 16.6 | 18 | 35 | -34 | 17 13 58.015 | -13 46 41.71 | 31.40 | 26a,b,27b |
| P152 | P152 | 2003 01 28 14:31 | 0.54 | 360 | 25.7 | 17.1 | 13 | 50 | -86 | 17 15 50.071 | -13 47 12.83 | 31.23 | 26a,b,27b |
| P153.1 | ---- | 2003 02 01 22:03 | 0.80 | 359 | 24.0 | 16.8 | 18 | 54 | 156 | 17 16 18.259 | -13 47 07.46 | 31.18 | 26b |
| P154 | P154 | 2003 02 13 12:06 | 0.18 | 176 | 19.0 | 15.8 | 50 | 65 | -65 | 17 17 23.980 | -13 46 21.29 | 31.01 | 26a,b,27b |
| P154.1 | ---- | 2003 02 17 13:13 | 0.71 | 354 | 17.1 | 14.7 | 125 | 69 | -86 | 17 17 43.253 | -13 45 56.90 | 30.95 | 25b,26a,b,27b |
| P156.1 | ---- | 2003 03 04 19:22 | 0.11 | 344 | 9.7 | 17.1 | 21 | 84 | 167 | 17 18 37.261 | -13 43 44.97 | 30.71 | 25b,26a,b |
| P156.2 | ---- | 2003 03 16 05:04 | 0.03 | 322 | 4.5 | 18.0 | 14 | 95 | 10 | 17 18 57.276 | -13 41 36.12 | 30.52 | 25a,b |
| P159 | P159 | 2003 05 10 19:06 | 0.60 | 7 | 19.8 | 16.8 | 20 | 149 | 104 | 17 16 38.153 | -13 29 59.33 | 29.77 | 23b,c,24b,c,25a |
| P160 | P160 | 2003 05 11 13:39 | 0.84 | 187 | 20.0 | 17.5 | 10 | 150 | -175 | 17 16 33.993 | -13 29 50.33 | 29.77 | 24b |

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|--------|------|------------------|------|-----|------|------|-----|-----|------|--------------|--------------|-------|---------------------|
| P162 | P162 | 2003 05 16 15:52 | 0.55 | 186 | 21.1 | 18.0 | 6 | 154 | 147 | 17 16 05.468 | -13 29 04.01 | 29.73 | 23c,24b,c |
| P164 | P164 | 2003 05 23 00:03 | 0.87 | 184 | 22.2 | 18.0 | 6 | 160 | 18 | 17 15 27.846 | -13 28 13.92 | 29.70 | 23b,c,24b,c |
| P166 | P166 | 2003 05 27 06:54 | 0.20 | 4 | 22.9 | 16.7 | 19 | 164 | -89 | 17 15 01.349 | -13 27 47.27 | 29.68 | 23b,c,24b,c |
| P167 | P167 | 2003 05 31 05:29 | 0.25 | 3 | 23.2 | 16.3 | 27 | 167 | -72 | 17 14 36.401 | -13 27 25.91 | 29.67 | 23b,c,24a,b,c |
| P169 | P169 | 2003 06 04 12:14 | 0.28 | 183 | 23.5 | 17.9 | 6 | 169 | -178 | 17 14 08.852 | -13 27 07.50 | 29.66 | 23c,24c |
| P170 | P170 | 2003 06 13 22:49 | 0.96 | 180 | 23.6 | 17.9 | 6 | 170 | 14 | 17 13 07.470 | -13 26 47.46 | 29.66 | 23b,c,24b |
| P171 | P171 | 2003 06 14 16:14 | 0.59 | 180 | 23.6 | 16.1 | 33 | 169 | 112 | 17 13 02.759 | -13 26 47.58 | 29.66 | 23b,c,24b,c |
| P174 | P174 | 2003 07 08 10:31 | 0.29 | 174 | 20.4 | 16.9 | 17 | 151 | 174 | 17 10 36.646 | -13 28 17.31 | 29.78 | 23b,c |
| P174.2 | ---- | 2003 07 22 06:25 | 0.49 | 349 | 16.7 | 17.9 | 8 | 138 | -139 | 17 09 26.512 | -13 30 41.73 | 29.91 | 24b,c |
| P174.3 | ---- | 2003 07 23 18:39 | 0.41 | 168 | 16.3 | 18.4 | 5 | 136 | 36 | 17 09 19.803 | -13 31 00.60 | 29.93 | 24b,25a,b |
| P174.4 | ---- | 2003 07 31 12:46 | 0.23 | 163 | 13.7 | 17.4 | 13 | 129 | 117 | 17 08 48.907 | -13 32 53.78 | 30.03 | 24b,c,25a,b |
| P175.5 | ---- | 2003 08 04 09:35 | 0.85 | 340 | 12.4 | 17.5 | 14 | 125 | 161 | 17 08 35.879 | -13 33 58.58 | 30.08 | 24b,c,25a,b |
| P175.1 | ---- | 2003 08 20 23:57 | 0.46 | 308 | 7.0 | 17.3 | 21 | 109 | -71 | 17 07 59.453 | -13 39 21.64 | 30.33 | 26a,b |
| P175.2 | ---- | 2003 08 25 04:04 | 0.65 | 292 | 6.2 | 15.9 | 80 | 105 | -137 | 17 07 55.654 | -13 40 54.69 | 30.40 | 25a,b,26a,b |
| P176.2 | ---- | 2003 09 10 12:39 | 0.42 | 50 | 8.9 | 14.6 | 187 | 90 | 78 | 17 08 02.650 | -13 47 34.41 | 30.68 | 26a,b,27b |
| P179 | P179 | 2003 10 10 11:32 | 0.02 | 194 | 21.4 | 17.7 | 8 | 61 | 66 | 17 09 45.719 | -14 01 09.59 | 31.17 | 27b,28b,29b |
| P180 | P180 | 2003 10 24 06:48 | 0.88 | 15 | 26.8 | 17.9 | 6 | 48 | 123 | 17 11 08.775 | -14 07 26.90 | 31.36 | 28b,29b |
| P181 | P181 | 2003 10 27 03:57 | 0.32 | 195 | 27.7 | 17.5 | 9 | 46 | 163 | 17 11 28.572 | -14 08 42.40 | 31.40 | 29b,30b |
| P182 | P182 | 2003 10 29 23:50 | 0.33 | 193 | 28.7 | 16.2 | 29 | 43 | -138 | 17 11 48.715 | -14 09 56.21 | 31.43 | 29a,b,30a,c |
| P183 | P183 | 2003 11 05 12:17 | 0.77 | 13 | 30.7 | 17.4 | 9 | 37 | 29 | 17 12 37.711 | -14 12 43.17 | 31.50 | 29a,b,30a,b,c |
| P184 | P184 | 2003 11 11 20:10 | 0.43 | 11 | 32.3 | 15.0 | 71 | 31 | -95 | 17 13 28.356 | -14 15 16.60 | 31.56 | 29a,b,30a,b,c,31a,c |
| P185 | P185 | 2003 11 18 13:48 | 0.10 | 189 | 33.8 | 16.0 | 31 | 25 | -6 | 17 14 25.071 | -14 17 50.48 | 31.62 | 30a,c,31a,c |
| P186 | P186 | 2004 01 06 00:11 | 0.01 | 0 | 33.2 | 14.1 | 139 | 26 | 152 | 17 21 42.695 | -14 29 57.83 | 31.62 | 31a,c,32a,b,33a,b,c |
| P189 | P189 | 2004 01 10 17:29 | 0.23 | 3 | 32.2 | 15.9 | 33 | 30 | -112 | 17 22 22.788 | -14 30 27.38 | 31.59 | 31a,c,32b,33a,b,c |
| P193 | C193 | 2004 01 26 20:49 | 0.20 | 360 | 27.3 | 15.1 | 74 | 46 | -177 | 17 24 28.396 | -14 31 11.31 | 31.43 | 32a,b,33a,b |
| P194 | P194 | 2004 01 28 22:45 | 0.06 | 358 | 26.5 | 17.1 | 13 | 48 | 152 | 17 24 43.028 | -14 31 10.64 | 31.41 | 32a,b,33b |
| P198 | P198 | 2004 01 31 11:08 | 0.29 | 179 | 25.5 | 16.2 | 30 | 50 | -36 | 17 25 00.160 | -14 31 08.08 | 31.37 | 32a,b,33b,c |
| P199 | P199 | 2004 02 03 13:00 | 0.21 | 179 | 24.3 | 16.1 | 33 | 53 | -67 | 17 25 20.262 | -14 31 02.47 | 31.34 | 32a,b,33a,b |
| P200 | C200 | 2004 02 03 18:15 | 0.18 | 359 | 24.2 | 17.9 | 7 | 53 | -146 | 17 25 21.657 | -14 31 02.36 | 31.33 | 32a,b |
| P201 | P201 | 2004 02 07 21:35 | 0.45 | 178 | 22.5 | 15.9 | 42 | 57 | 160 | 17 25 47.048 | -14 30 49.91 | 31.28 | 32a,33a,b,c |
| P202 | C202 | 2004 02 09 19:12 | 0.01 | 344 | 21.7 | 16.6 | 22 | 59 | -166 | 17 25 58.095 | -14 30 43.13 | 31.25 | 31c,32b,33b,c |
| P208 | P208 | 2004 02 21 09:26 | 0.86 | 173 | 16.4 | 15.0 | 104 | 70 | -31 | 17 26 56.402 | -14 29 38.76 | 31.08 | 31a,c,32a,b,33a,b |
| P208.1 | ---- | 2004 02 23 09:52 | 0.66 | 353 | 15.4 | 14.5 | 153 | 72 | -39 | 17 27 04.894 | -14 29 25.86 | 31.05 | 31a,c,32a |
| P208.2 | ---- | 2004 02 23 17:24 | 0.58 | 353 | 15.3 | 15.8 | 54 | 73 | -152 | 17 27 06.165 | -14 29 23.50 | 31.04 | 31c |
| P208.3 | ---- | 2004 02 26 06:34 | 0.25 | 172 | 14.0 | 16.1 | 44 | 75 | 8 | 17 27 16.010 | -14 29 03.27 | 31.00 | 31a,c,32a |
| P210.1 | ---- | 2004 03 10 11:45 | 0.17 | 340 | 7.6 | 16.3 | 48 | 88 | -83 | 17 27 53.420 | -14 27 03.20 | 30.78 | 31a,32a,b |
| P211.1 | ---- | 2004 04 11 09:14 | 0.46 | 199 | 9.1 | 16.6 | 36 | 119 | -77 | 17 27 46.779 | -14 20 59.51 | 30.28 | 30a,b,c,31a,c |
| P212 | P212 | 2004 04 15 02:16 | 0.80 | 16 | 10.6 | 17.0 | 23 | 123 | 24 | 17 27 37.438 | -14 20 17.66 | 30.23 | 31a |
| P213 | P213 | 2004 04 16 11:03 | 0.09 | 196 | 11.2 | 17.6 | 12 | 124 | -109 | 17 27 33.608 | -14 20 01.31 | 30.21 | 30b |
| P216 | P216 | 2004 05 01 12:30 | 0.49 | 9 | 16.7 | 16.4 | 31 | 139 | -146 | 17 26 37.527 | -14 17 21.28 | 30.02 | 30a,b,c,31a,c |
| P217 | P217 | 2004 05 02 02:41 | 0.62 | 188 | 16.9 | 15.7 | 57 | 139 | 1 | 17 26 34.872 | -14 17 14.41 | 30.02 | 30a,c,31a,c |
| P218 | P218 | 2004 05 11 15:17 | 0.18 | 6 | 19.6 | 17.7 | 9 | 148 | 162 | 17 25 47.751 | -14 15 51.10 | 29.93 | 29a,30b,c |
| P219 | P219 | 2004 05 13 12:18 | 0.75 | 185 | 20.1 | 16.0 | 38 | 150 | -155 | 17 25 37.626 | -14 15 35.49 | 29.91 | 29b,30b,c |
| P220 | P220 | 2004 05 15 10:35 | 0.02 | 0 | 20.5 | 16.1 | 35 | 152 | -131 | 17 25 26.954 | -14 15 21.76 | 29.90 | 29a,b,30a,b,c,31a,c |
| P222.1 | ---- | 2004 05 19 20:50 | 0.43 | 4 | 21.5 | 17.4 | 11 | 156 | 71 | 17 25 01.570 | -14 14 52.43 | 29.87 | 29b,30b,c |
| P223 | P223 | 2004 05 22 09:23 | 0.06 | 185 | 21.9 | 16.9 | 17 | 158 | -120 | 17 24 46.607 | -14 14 36.74 | 29.85 | 29a,30a,b,c,31a |
| P224 | P224 | 2004 05 22 18:28 | 0.83 | 184 | 22.0 | 16.2 | 32 | 159 | 103 | 17 24 44.341 | -14 14 33.86 | 29.85 | 29a,b,30a,c,31a |
| P225 | P225 | 2004 05 25 11:41 | 0.04 | 5 | 22.4 | 15.6 | 54 | 161 | -158 | 17 24 27.817 | -14 14 20.68 | 29.84 | 30c |
| P226 | P226 | 2004 05 25 15:45 | 0.01 | 180 | 22.5 | 17.0 | 16 | 161 | 141 | 17 24 26.778 | -14 14 19.79 | 29.84 | 29b |

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|--------|------|------------------|------|-----|------|------|-----|-----|------|--------------|--------------|-------|-----------------------|
| P226.1 | ---- | 2004 05 26 00:15 | 0.40 | 3 | 22.5 | 15.2 | 76 | 162 | 13 | 17 24 24.593 | -14 14 18.48 | 29.84 | 29b,30a,b,c |
| P227 | P227 | 2004 06 06 08:41 | 0.90 | 181 | 23.6 | 16.2 | 30 | 170 | -125 | 17 23 12.640 | -14 13 39.96 | 29.80 | 29b,30a,b,c |
| P228 | C228 | 2004 06 11 04:57 | 0.42 | 1 | 23.7 | 15.5 | 58 | 171 | -74 | 17 22 41.169 | -14 13 36.09 | 29.80 | 29b,30a,c |
| P228.1 | ---- | 2004 06 13 19:48 | 0.18 | 0 | 23.7 | 14.8 | 100 | 171 | 61 | 17 22 24.112 | -14 13 36.14 | 29.80 | 29b,30a,c |
| P229 | P229 | 2004 06 15 10:14 | 0.81 | 180 | 23.6 | 16.1 | 34 | 170 | -157 | 17 22 13.688 | -14 13 36.11 | 29.81 | 29a |
| P230 | P230 | 2004 06 16 21:12 | 0.74 | 179 | 23.6 | 17.7 | 8 | 170 | 37 | 17 22 04.230 | -14 13 37.79 | 29.81 | 30a,b,c |
| P232.1 | ---- | 2004 06 24 04:29 | 0.60 | 358 | 23.0 | 17.1 | 14 | 165 | -80 | 17 21 17.349 | -14 13 57.55 | 29.83 | 30b,c |
| P233 | P233 | 2004 06 24 16:01 | 0.67 | 178 | 23.0 | 16.7 | 20 | 164 | 107 | 17 21 14.306 | -14 13 58.13 | 29.83 | 29a,b,30a,b,c |
| P233.1 | ---- | 2004 07 05 21:01 | 0.17 | 355 | 21.3 | 16.0 | 40 | 155 | 20 | 17 20 06.002 | -14 15 01.60 | 29.89 | 29a,b,30a,c,31a,c |
| P233.2 | ---- | 2004 07 08 13:15 | 0.22 | 354 | 20.8 | 17.5 | 10 | 152 | 134 | 17 19 50.617 | -14 15 22.74 | 29.91 | 29b,30b,c,31c |
| P236.1 | ---- | 2004 07 23 08:53 | 0.12 | 169 | 16.9 | 17.6 | 11 | 138 | -175 | 17 18 34.466 | -14 17 59.15 | 30.06 | 30a,b,31c |
| P237 | C237 | 2004 07 25 14:05 | 0.59 | 168 | 16.2 | 16.4 | 31 | 136 | 104 | 17 18 24.649 | -14 18 27.95 | 30.08 | 30b,c,31a,c |
| P240.1 | ---- | 2004 08 09 08:47 | 0.70 | 156 | 11.1 | 15.2 | 101 | 122 | 169 | 17 17 31.834 | -14 22 20.04 | 30.28 | 30a,b,c,31a,c,32b |
| P241.1 | ---- | 2004 08 14 15:07 | 0.34 | 148 | 9.2 | 17.6 | 14 | 117 | 69 | 17 17 18.871 | -14 23 57.23 | 30.36 | 31c,32b |
| P243 | C243 | 2004 08 19 21:15 | 0.72 | 137 | 7.5 | 17.3 | 21 | 112 | -28 | 17 17 09.243 | -14 25 40.51 | 30.44 | 31a,c,32a |
| P244.1 | ---- | 2004 09 19 12:21 | 0.46 | 35 | 11.6 | 15.6 | 72 | 83 | 75 | 17 17 24.284 | -14 37 28.15 | 30.96 | 32a,b,33a,b,c,34a,b,c |
| P245.1 | ---- | 2004 09 28 17:12 | 0.59 | 206 | 15.6 | 15.7 | 57 | 74 | -7 | 17 17 52.921 | -14 41 20.70 | 31.11 | 33a,b,c,34a,b |
| P245.2 | ---- | 2004 10 01 18:34 | 0.75 | 203 | 16.9 | 17.4 | 13 | 71 | -30 | 17 18 04.782 | -14 42 38.73 | 31.16 | 33b,34b |
| P245.3 | ---- | 2004 10 03 14:53 | 0.29 | 202 | 17.7 | 16.0 | 41 | 69 | 23 | 17 18 12.501 | -14 43 26.41 | 31.19 | 33a,b,34b,c |
| P246 | P246 | 2004 10 04 12:46 | 0.32 | 22 | 18.1 | 16.7 | 23 | 68 | 54 | 17 18 16.458 | -14 43 50.41 | 31.21 | 33b,c,34b,c |
| P247 | P247 | 2004 10 12 16:51 | 0.85 | 18 | 21.6 | 15.8 | 46 | 61 | -15 | 17 18 56.431 | -14 47 19.92 | 31.33 | 34b,c,35a,c,d |
| P248 | P248 | 2004 10 16 07:24 | 0.51 | 197 | 23.1 | 13.2 | 306 | 57 | 123 | 17 19 16.546 | -14 48 49.76 | 31.39 | 34a,b,c,35a,c,d |
| P249 | P249 | 2004 10 20 19:27 | 0.14 | 196 | 24.8 | 17.0 | 14 | 53 | -62 | 17 19 43.596 | -14 50 42.92 | 31.45 | 35a,d |
| P252 | P252 | 2004 11 07 09:53 | 0.16 | 192 | 30.7 | 16.7 | 18 | 36 | 65 | 17 21 48.027 | -14 57 40.84 | 31.66 | 35d,36a,37b |
| P253 | P253 | 2004 11 09 23:49 | 0.44 | 11 | 31.4 | 17.9 | 6 | 34 | -146 | 17 22 08.428 | -14 58 38.43 | 31.69 | 35c,36a |
| P254 | P254 | 2004 11 11 19:13 | 0.69 | 10 | 31.9 | 13.5 | 218 | 32 | -79 | 17 22 23.021 | -14 59 18.04 | 31.70 | 35a,c,d,37b |
| P255 | P255 | 2004 11 13 06:04 | 0.86 | 190 | 32.2 | 16.5 | 20 | 31 | 117 | 17 22 34.913 | -14 59 47.72 | 31.72 | 35a,c,d,36a |
| P256 | P256 | 2004 11 15 01:35 | 0.19 | 10 | 32.7 | 17.9 | 5 | 29 | -178 | 17 22 49.912 | -15 00 26.90 | 31.73 | 35c,37a |
| P257 | P257 | 2004 11 16 01:47 | 0.16 | 10 | 32.9 | 13.8 | 182 | 28 | 178 | 17 22 58.351 | -15 00 47.72 | 31.74 | 35c,d,36a,37a,b |
| P258 | C258 | 2004 11 16 09:46 | 0.35 | 189 | 33.0 | 16.9 | 14 | 28 | 58 | 17 23 01.152 | -15 00 54.04 | 31.74 | 35d |
| P260 | C260 | 2005 01 07 17:43 | 0.51 | 2 | 33.2 | 17.2 | 10 | 26 | -111 | 17 30 51.717 | -15 12 38.65 | 31.78 | 38a,c |
| P260.1 | ---- | 2005 01 09 09:50 | 0.55 | 2 | 32.8 | 16.0 | 30 | 27 | 6 | 17 31 06.014 | -15 12 47.61 | 31.77 | 37a,38a,c |
| P261 | C261 | 2005 01 12 17:00 | 0.57 | 2 | 32.1 | 16.6 | 18 | 30 | -105 | 17 31 33.756 | -15 13 02.23 | 31.74 | 37a,38a,d |
| P262 | C262 | 2005 01 14 19:07 | 0.28 | 2 | 31.5 | 17.4 | 9 | 32 | -138 | 17 31 50.976 | -15 13 09.58 | 31.72 | 37a,38a |
| P263 | C263 | 2005 01 18 08:52 | 0.32 | 1 | 30.5 | 16.1 | 29 | 36 | 12 | 17 32 19.734 | -15 13 19.53 | 31.69 | 37a,38a |
| P267 | P267 | 2005 01 21 21:41 | 0.43 | 181 | 29.4 | 16.3 | 25 | 39 | 176 | 17 32 47.269 | -15 13 24.90 | 31.66 | 37a,38a |
| P268 | C268 | 2005 01 24 20:34 | 0.26 | 1 | 28.4 | 13.9 | 180 | 42 | -170 | 17 33 09.503 | -15 13 27.78 | 31.63 | 37a,38a,c,d |
| P272.1 | ---- | 2005 02 02 02:43 | 0.74 | 359 | 25.5 | 15.7 | 45 | 50 | 90 | 17 34 07.631 | -15 13 21.60 | 31.53 | 37a,38a |
| P273 | P273 | 2005 02 02 14:53 | 0.93 | 179 | 25.3 | 15.1 | 77 | 51 | -93 | 17 34 10.988 | -15 13 18.96 | 31.52 | 38a |
| P274 | P274 | 2005 02 03 05:43 | 0.86 | 179 | 25.0 | 18.2 | 5 | 51 | 44 | 17 34 15.055 | -15 13 17.77 | 31.51 | 37a,38a |
| P276 | P276 | 2005 02 13 10:03 | 0.67 | 176 | 20.7 | 14.4 | 148 | 61 | -31 | 17 35 16.141 | -15 12 42.31 | 31.38 | 37a,38a,d |
| P278 | P278 | 2005 02 16 11:07 | 0.69 | 176 | 19.3 | 17.5 | 10 | 64 | -50 | 17 35 32.161 | -15 12 27.04 | 31.33 | 37a |
| P278.1 | ---- | 2005 02 17 15:56 | 0.16 | 175 | 18.7 | 16.7 | 23 | 65 | -123 | 17 35 38.171 | -15 12 21.02 | 31.31 | 37a,38a |
| P279 | P279 | 2005 02 23 05:15 | 0.90 | 174 | 16.1 | 16.2 | 36 | 71 | 32 | 17 36 03.716 | -15 11 45.96 | 31.23 | 38a,c |
| P281.1 | ---- | 2005 03 22 05:11 | 0.73 | 313 | 3.3 | 17.5 | 27 | 97 | 7 | 17 37 10.860 | -15 07 54.02 | 30.79 | 37a,38a |
| P283 | P283 | 2005 04 21 22:58 | 0.79 | 11 | 12.3 | 16.8 | 24 | 127 | 69 | 17 36 29.193 | -15 02 46.35 | 30.32 | 37a |
| P286 | P286 | 2005 05 08 03:17 | 0.41 | 6 | 17.9 | 16.1 | 39 | 143 | -12 | 17 35 23.064 | -15 00 32.00 | 30.14 | 35d,37a,b |
| P287 | P287 | 2005 05 09 19:19 | 0.60 | 185 | 18.4 | 16.9 | 19 | 144 | 106 | 17 35 14.855 | -15 00 19.49 | 30.12 | 35a,c,36a |
| P289 | P289 | 2005 05 14 12:37 | 0.07 | 182 | 19.7 | 14.2 | 176 | 149 | -158 | 17 34 50.371 | -14 59 49.87 | 30.08 | 35a,c,d,36a,37a,b |

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|--------|------|------------------|------|-----|------|------|------|-----|------|--------------|--------------|-------|-----------------|
| P291 | P291 | 2005 05 21 10:06 | 0.46 | 183 | 21.2 | 17.2 | 14 | 155 | -127 | 17 34 11.819 | -14 59 13.47 | 30.03 | 35d,36a,37b |
| P292 | P292 | 2005 05 22 14:27 | 0.41 | 183 | 21.5 | 10.7 | 1259 | 156 | 166 | 17 34 04.929 | -14 59 08.44 | 30.02 | 35a,c,d,36a,37b |
| P293 | P293 | 2005 05 25 23:37 | 0.65 | 182 | 22.1 | 15.9 | 41 | 159 | 25 | 17 33 44.772 | -14 58 55.13 | 30.00 | 35a,c,d,36a,37b |
| P294 | P294 | 2005 05 28 13:07 | 0.98 | 182 | 22.5 | 16.1 | 34 | 162 | 180 | 17 33 29.149 | -14 58 46.56 | 29.99 | 35a,d |
| P295 | P295 | 2005 05 30 03:18 | 0.86 | 181 | 22.7 | 16.4 | 27 | 163 | -34 | 17 33 19.306 | -14 58 42.52 | 29.98 | 35a,c,d,36a,37b |
| P296 | P296 | 2005 05 31 03:10 | 0.14 | 2 | 22.9 | 16.2 | 32 | 164 | -33 | 17 33 13.098 | -14 58 41.15 | 29.98 | 35a,c,36a,37b |
| P297 | C297 | 2005 06 02 08:37 | 0.75 | 1 | 23.1 | 17.8 | 7 | 166 | -117 | 17 32 59.081 | -14 58 37.10 | 29.97 | 35a,d,36a |
| P299 | P299 | 2005 06 06 03:01 | 0.54 | 180 | 23.4 | 16.1 | 33 | 169 | -37 | 17 32 35.055 | -14 58 31.29 | 29.96 | 35d,37b |
| P300 | P300 | 2005 06 09 08:37 | 0.94 | 180 | 23.6 | 17.5 | 10 | 170 | -124 | 17 32 14.186 | -14 58 29.56 | 29.96 | 35c |
| P300.1 | ---- | 2005 06 11 03:57 | 0.52 | 360 | 23.7 | 15.5 | 56 | 171 | -56 | 17 32 02.479 | -14 58 31.75 | 29.96 | 35a,d,36a |
| P300.2 | ---- | 2005 06 11 21:11 | 0.58 | 360 | 23.7 | 15.4 | 61 | 171 | 45 | 17 31 57.816 | -14 58 32.35 | 29.96 | 35a,c,d,37b |
| P303 | C303 | 2005 06 15 04:41 | 0.17 | 359 | 23.7 | 15.6 | 52 | 172 | -71 | 17 31 36.260 | -14 58 35.79 | 29.96 | 35a,c,d,36a,37b |
| P303.2 | ---- | 2005 06 18 23:43 | 0.92 | 358 | 23.6 | 16.1 | 33 | 170 | 0 | 17 31 11.630 | -14 58 45.06 | 29.96 | 35c,d |
| P306 | P306 | 2005 06 22 06:45 | 0.78 | 178 | 23.4 | 14.2 | 154 | 169 | -109 | 17 30 50.363 | -14 58 53.63 | 29.97 | 35a,c,d |
| P308 | P308 | 2005 06 24 13:47 | 0.47 | 177 | 23.3 | 17.6 | 9 | 167 | 143 | 17 30 35.684 | -14 59 03.21 | 29.98 | 36a |
| P310 | C310 | 2005 07 04 15:24 | 0.03 | 360 | 22.0 | 16.9 | 17 | 158 | 108 | 17 29 33.060 | -15 00 01.10 | 30.02 | 35c,d,37a |
| P313 | P313 | 2005 07 09 01:28 | 0.56 | 174 | 21.2 | 17.3 | 12 | 154 | -47 | 17 29 06.955 | -15 00 35.19 | 30.05 | 35c,36a,37a,b |
| P313.2 | ---- | 2005 07 11 03:24 | 0.61 | 354 | 20.8 | 14.8 | 108 | 152 | -78 | 17 28 55.059 | -15 00 54.39 | 30.07 | 35c,d,36a,37a,b |
| P314 | P314 | 2005 07 11 16:27 | 0.79 | 174 | 20.7 | 16.2 | 33 | 152 | 86 | 17 28 51.984 | -15 00 57.97 | 30.07 | 35c,36a,37a,b |
| P315.1 | ---- | 2005 07 15 02:47 | 0.24 | 353 | 19.9 | 15.8 | 48 | 149 | -73 | 17 28 33.089 | -15 01 32.42 | 30.10 | 36a,37a,b |
| P316.2 | ---- | 2005 07 15 17:36 | 0.72 | 352 | 19.7 | 15.6 | 56 | 148 | 64 | 17 28 29.776 | -15 01 39.18 | 30.11 | 36a,37a,b |
| P317 | P317 | 2005 07 16 21:31 | 0.95 | 172 | 19.4 | 17.0 | 16 | 147 | 4 | 17 28 23.587 | -15 01 49.63 | 30.12 | 37a,b |
| P321.1 | ---- | 2005 07 26 09:42 | 0.58 | 348 | 16.7 | 17.6 | 10 | 138 | 172 | 17 27 37.191 | -15 03 45.13 | 30.22 | 36a,37b |
| P325.2 | ---- | 2005 08 07 17:02 | 0.84 | 341 | 12.6 | 15.8 | 58 | 126 | 50 | 17 26 49.522 | -15 06 47.99 | 30.38 | 36a |
| P325.3 | ---- | 2005 08 11 18:05 | 0.17 | 337 | 11.1 | 17.0 | 21 | 122 | 30 | 17 26 37.356 | -15 07 55.37 | 30.43 | 36a,37a,b,38a,d |
| P325.4 | ---- | 2005 09 01 07:41 | 0.68 | 99 | 5.5 | 16.6 | 43 | 103 | 165 | 17 26 06.001 | -15 14 33.72 | 30.76 | 37a,38a,c,d,39a |
| P328.1 | ---- | 2005 09 20 03:59 | 0.00 | 90 | 10.7 | 14.2 | 238 | 85 | -157 | 17 26 25.494 | -15 21 34.79 | 31.08 | 38a,c,d,39a,b,c |
| P328.2 | ---- | 2005 09 22 05:40 | 0.48 | 212 | 11.5 | 15.2 | 100 | 83 | 175 | 17 26 30.508 | -15 22 22.69 | 31.12 | 38d,39a,b,40a,b |
| P329 | P329 | 2005 09 25 13:36 | 0.84 | 28 | 13.0 | 16.6 | 28 | 79 | 53 | 17 26 39.663 | -15 23 41.55 | 31.18 | 39a,b,40a,b |
| P329.1 | ---- | 2005 09 26 01:26 | 0.65 | 208 | 13.2 | 16.6 | 30 | 79 | -125 | 17 26 41.198 | -15 23 51.79 | 31.18 | 39a,b |
| P330 | P330 | 2005 10 03 02:49 | 0.25 | 23 | 16.3 | 16.6 | 25 | 72 | -153 | 17 27 05.847 | -15 26 38.88 | 31.30 | 39a |
| P330.1 | ---- | 2005 10 09 19:08 | 0.93 | 199 | 19.2 | 15.4 | 66 | 66 | -44 | 17 27 34.960 | -15 29 15.02 | 31.41 | 39a,b,c,40a,b |
| P331 | P331 | 2005 10 12 23:03 | 0.09 | 197 | 20.6 | 17.1 | 15 | 63 | -106 | 17 27 50.568 | -15 30 29.83 | 31.46 | 39b |
| P333 | C333 | 2005 10 19 14:33 | 0.79 | 195 | 23.3 | 13.3 | 287 | 56 | 16 | 17 28 27.116 | -15 33 02.47 | 31.56 | 40a,41a,b |
| P334 | P334 | 2005 10 20 09:13 | 0.64 | 195 | 23.6 | 16.2 | 31 | 56 | 95 | 17 28 31.703 | -15 33 20.26 | 31.57 | 40a,41a,b |
| P335 | P335 | 2005 10 26 07:54 | 0.54 | 193 | 25.9 | 17.4 | 10 | 50 | 109 | 17 29 08.879 | -15 35 33.96 | 31.65 | 40b,41b |
| P336 | P336 | 2005 10 31 20:40 | 0.05 | 14 | 27.8 | 15.8 | 39 | 45 | -88 | 17 29 46.602 | -15 37 35.20 | 31.72 | 40a,b,41a,b |
| P337 | P337 | 2005 11 02 02:10 | 0.84 | 12 | 28.3 | 16.4 | 24 | 44 | -172 | 17 29 55.357 | -15 38 02.09 | 31.74 | 40a,b,41a,42b,c |
| P338 | P338 | 2005 11 09 14:11 | 0.12 | 10 | 30.6 | 17.0 | 13 | 36 | 1 | 17 30 51.641 | -15 40 36.09 | 31.82 | 41a,b,42b |
| P342 | P342 | 2005 11 14 12:59 | 0.98 | 189 | 31.9 | 14.2 | 140 | 32 | 14 | 17 31 31.135 | -15 42 11.70 | 31.87 | 41a,b,42b |
| P344 | P344 | 2005 11 18 01:15 | 0.98 | 189 | 32.7 | 15.7 | 39 | 28 | -173 | 17 32 00.132 | -15 43 17.33 | 31.90 | 41a,b,42c |
| P345 | P345 | 2005 11 19 07:57 | 0.12 | 10 | 33.0 | 17.9 | 5 | 27 | 85 | 17 32 10.863 | -15 43 41.72 | 31.91 | 42c |
| P346 | P346 | 2005 11 20 22:60 | 0.91 | 188 | 33.3 | 15.9 | 33 | 26 | -142 | 17 32 24.674 | -15 44 09.66 | 31.92 | 41a,b |
| P347.1 | ---- | 2006 01 14 09:31 | 0.51 | 1 | 32.2 | 14.2 | 133 | 30 | 8 | 17 40 32.556 | -15 53 44.65 | 31.91 | 44a,b |
| P348.1 | ---- | 2006 01 15 15:48 | 0.72 | 1 | 31.9 | 14.9 | 77 | 31 | -87 | 17 40 43.020 | -15 53 48.37 | 31.90 | 43a,44a,b |
| P349 | P349 | 2006 01 16 05:29 | 0.34 | 181 | 31.7 | 15.0 | 74 | 31 | 67 | 17 40 47.712 | -15 53 48.71 | 31.90 | 43a,44a,b |
| P350 | P350 | 2006 01 18 08:55 | 0.76 | 181 | 31.2 | 15.4 | 54 | 33 | 14 | 17 41 05.176 | -15 53 52.64 | 31.88 | 43a,44a,b |
| P351 | P351 | 2006 01 20 11:10 | 0.52 | 181 | 30.6 | 16.3 | 24 | 35 | -22 | 17 41 21.943 | -15 53 56.20 | 31.86 | 43a,44b |
| P352.1 | ---- | 2006 01 23 07:23 | 0.51 | 1 | 29.7 | 14.0 | 164 | 38 | 32 | 17 41 44.174 | -15 53 59.78 | 31.83 | 43a,44a,b |

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|--------|------|------------------|------|-----|------|------|-----|-----|------|--------------|--------------|-------|---------------------|
| P353 | P353 | 2006 01 24 06:21 | 0.35 | 179 | 29.4 | 14.9 | 83 | 39 | 46 | 17 41 51.522 | -15 53 59.22 | 31.82 | 43a,44a,b |
| P354 | P354 | 2006 02 01 19:09 | 0.27 | 179 | 26.5 | 15.1 | 74 | 47 | -154 | 17 42 53.645 | -15 53 52.41 | 31.73 | 44a,b |
| P355 | P355 | 2006 02 03 11:49 | 0.43 | 178 | 25.8 | 16.5 | 23 | 49 | -45 | 17 43 05.187 | -15 53 48.92 | 31.71 | 44b |
| P356 | P356 | 2006 02 04 22:51 | 0.23 | 178 | 25.2 | 15.3 | 64 | 50 | 148 | 17 43 14.898 | -15 53 45.55 | 31.69 | 42b,43a,44a,b |
| P356.1 | ---- | 2006 02 05 14:54 | 0.98 | 358 | 25.0 | 14.1 | 169 | 51 | -94 | 17 43 19.280 | -15 53 44.92 | 31.68 | 43a,44a,b |
| P356.2 | ---- | 2006 02 09 17:01 | 0.88 | 358 | 23.3 | 15.5 | 58 | 55 | -129 | 17 43 45.075 | -15 53 32.00 | 31.63 | 42b,44a,b |
| P356.3 | ---- | 2006 02 17 07:24 | 0.01 | 180 | 20.0 | 16.5 | 26 | 62 | 8 | 17 44 28.204 | -15 52 58.03 | 31.52 | 42b |
| P357.1 | ---- | 2006 02 24 14:01 | 0.65 | 354 | 16.6 | 15.5 | 69 | 70 | -99 | 17 45 03.249 | -15 52 17.13 | 31.41 | 42b |
| P357.2 | ---- | 2006 02 27 11:31 | 0.17 | 353 | 15.2 | 14.3 | 179 | 72 | -64 | 17 45 15.394 | -15 51 57.76 | 31.36 | 42b,43a |
| P359 | C359 | 2006 03 09 17:58 | 0.80 | 168 | 10.1 | 14.4 | 212 | 82 | -171 | 17 45 49.681 | -15 50 41.21 | 31.20 | 42b,43a |
| P359.1 | ---- | 2006 03 13 05:24 | 0.13 | 346 | 8.4 | 15.2 | 121 | 86 | 15 | 17 45 58.163 | -15 50 14.19 | 31.14 | 42b,43a |
| P362.1 | ---- | 2006 04 04 16:31 | 0.68 | 217 | 4.1 | 15.6 | 129 | 108 | -174 | 17 46 13.476 | -15 46 58.05 | 30.77 | 41a,43a |
| P363 | C363 | 2006 04 10 06:12 | 0.33 | 201 | 6.4 | 15.5 | 104 | 113 | -25 | 17 46 06.809 | -15 46 10.01 | 30.69 | 41a,43c |
| P365 | P365 | 2006 04 19 15:16 | 0.05 | 192 | 10.3 | 14.8 | 146 | 122 | -170 | 17 45 46.812 | -15 44 52.85 | 30.55 | 41a |
| P368 | P368 | 2006 04 30 23:43 | 0.52 | 7 | 14.7 | 16.0 | 48 | 134 | 52 | 17 45 08.829 | -15 43 30.60 | 30.40 | 41a,b |
| P369 | P369 | 2006 05 03 05:51 | 0.51 | 186 | 15.6 | 16.8 | 23 | 136 | -43 | 17 44 59.659 | -15 43 15.23 | 30.38 | 41a,b,42b |
| P370 | P370 | 2006 05 04 14:32 | 0.52 | 6 | 16.0 | 15.4 | 73 | 137 | -174 | 17 44 53.861 | -15 43 07.89 | 30.36 | 41a,b |
| P371 | P371 | 2006 05 06 01:44 | 0.40 | 185 | 16.5 | 15.2 | 89 | 138 | 16 | 17 44 47.431 | -15 42 58.13 | 30.35 | 41a,b,42b |
| P372 | P372 | 2006 05 08 07:50 | 0.42 | 185 | 17.2 | 15.3 | 78 | 141 | -78 | 17 44 37.166 | -15 42 45.31 | 30.32 | 41a,b,42b |
| P374 | C374 | 2006 05 13 19:10 | 0.69 | 4 | 18.8 | 14.8 | 111 | 146 | 107 | 17 44 10.400 | -15 42 18.93 | 30.27 | 41a,b |
| P375 | P375 | 2006 05 20 01:31 | 0.89 | 182 | 20.4 | 15.0 | 93 | 152 | 5 | 17 43 36.917 | -15 41 52.50 | 30.22 | 41a,42b |
| P375.1 | ---- | 2006 05 22 10:13 | 0.35 | 2 | 21.0 | 15.9 | 41 | 154 | -128 | 17 43 23.592 | -15 41 46.49 | 30.20 | 41b |
| P377 | P377 | 2006 05 29 00:57 | 0.28 | 1 | 22.2 | 15.3 | 69 | 160 | 5 | 17 42 44.559 | -15 41 31.88 | 30.16 | 41b |
| P378 | P378 | 2006 05 30 02:10 | 0.92 | 181 | 22.4 | 15.7 | 47 | 161 | -15 | 17 42 38.153 | -15 41 29.27 | 30.16 | 41a,42b |
| P379 | P379 | 2006 05 31 15:57 | 0.33 | 180 | 22.6 | 14.7 | 106 | 163 | 137 | 17 42 28.465 | -15 41 28.04 | 30.15 | 41a,b,42b |
| P381.1 | ---- | 2006 06 05 19:03 | 0.46 | 360 | 23.2 | 15.4 | 59 | 167 | 85 | 17 41 56.315 | -15 41 27.41 | 30.13 | 41a,42c |
| P382 | P382 | 2006 06 06 08:04 | 0.69 | 180 | 23.3 | 15.9 | 41 | 167 | -111 | 17 41 52.863 | -15 41 26.41 | 30.13 | 41a,b |
| P384 | C384 | 2006 06 08 09:30 | 0.53 | 359 | 23.4 | 16.9 | 17 | 169 | -134 | 17 41 39.713 | -15 41 28.86 | 30.13 | 41b,42b |
| P384.2 | ---- | 2006 06 12 13:54 | 0.01 | 360 | 23.7 | 13.7 | 231 | 171 | 156 | 17 41 12.760 | -15 41 34.41 | 30.12 | 41a,b |
| P384.4 | ---- | 2006 06 18 15:11 | 0.60 | 358 | 23.7 | 15.3 | 68 | 172 | 130 | 17 40 33.466 | -15 41 51.13 | 30.12 | 41a |
| P385.1 | ---- | 2006 06 27 15:15 | 0.89 | 356 | 23.3 | 14.9 | 93 | 167 | 120 | 17 39 35.435 | -15 42 32.25 | 30.14 | 41a,b |
| P389 | P389 | 2006 07 07 08:41 | 0.61 | 175 | 22.0 | 15.9 | 41 | 158 | -151 | 17 38 35.168 | -15 43 38.70 | 30.19 | 41b,42b |
| P391.1 | ---- | 2006 07 12 11:01 | 0.51 | 353 | 21.1 | 16.6 | 22 | 154 | 169 | 17 38 05.312 | -15 44 24.85 | 30.23 | 41b,42b |
| P391.2 | ---- | 2006 07 13 10:38 | 0.49 | 173 | 20.9 | 16.5 | 24 | 153 | 174 | 17 37 59.705 | -15 44 33.36 | 30.23 | 41a,b |
| P393.1 | ---- | 2006 07 21 06:58 | 0.28 | 171 | 19.0 | 15.2 | 80 | 145 | -139 | 17 37 17.341 | -15 45 57.45 | 30.30 | 43a |
| P394 | C394 | 2006 07 22 10:45 | 0.46 | 171 | 18.6 | 15.8 | 49 | 144 | 163 | 17 37 11.469 | -15 46 10.83 | 30.31 | 41a,42b |
| P396.1 | ---- | 2006 07 27 21:36 | 0.70 | 168 | 17.1 | 16.5 | 29 | 139 | -6 | 17 36 45.315 | -15 47 19.36 | 30.37 | 42b |
| P403.1 | ---- | 2006 09 15 23:01 | 0.46 | 226 | 7.8 | 14.0 | 309 | 91 | -77 | 17 35 17.375 | -16 02 14.77 | 31.13 | 44a,b,45a,c |
| P405.1 | ---- | 2006 09 26 09:57 | 0.05 | 27 | 12.1 | 13.0 | 498 | 81 | 109 | 17 35 39.247 | -16 05 58.72 | 31.31 | 44a,b,45a,c |
| P406.1 | ---- | 2006 10 05 15:24 | 0.67 | 201 | 16.2 | 15.5 | 69 | 72 | 19 | 17 36 10.402 | -16 09 17.20 | 31.47 | 45a,46a,d |
| P408 | P408 | 2006 10 20 08:39 | 0.48 | 14 | 22.5 | 16.6 | 23 | 58 | 106 | 17 37 21.566 | -16 14 29.91 | 31.70 | 45a |
| P409 | P409 | 2006 10 22 17:04 | 0.23 | 194 | 23.5 | 15.3 | 69 | 56 | -23 | 17 37 35.248 | -16 15 17.72 | 31.74 | 45a,c,46a,b,d,47a,b |
| P410 | P410 | 2006 10 22 21:19 | 0.19 | 194 | 23.5 | 17.4 | 11 | 56 | -87 | 17 37 36.299 | -16 15 21.38 | 31.74 | 46a |
| P412 | P412 | 2006 10 24 00:33 | 0.76 | 13 | 24.0 | 15.6 | 53 | 55 | -136 | 17 37 43.112 | -16 15 45.46 | 31.75 | 46a,b,d,47a,b |
| P413 | P413 | 2006 10 28 13:03 | 0.53 | 192 | 25.7 | 15.6 | 51 | 50 | 32 | 17 38 11.666 | -16 17 14.76 | 31.82 | 46a,d,47b |
| P414 | P414 | 2006 10 29 21:37 | 0.04 | 14 | 26.2 | 15.3 | 64 | 49 | -98 | 17 38 20.617 | -16 17 42.13 | 31.83 | 46a,47a |
| P415 | P415 | 2006 10 31 02:44 | 0.26 | 191 | 26.7 | 13.9 | 186 | 48 | -176 | 17 38 28.780 | -16 18 05.47 | 31.85 | 46a,c,47a,b |
| P416 | P416 | 2006 10 31 16:55 | 0.47 | 11 | 26.9 | 16.6 | 21 | 47 | -29 | 17 38 32.794 | -16 18 17.58 | 31.86 | 46a |
| P417 | P417 | 2006 11 05 04:30 | 0.67 | 10 | 28.4 | 16.5 | 21 | 43 | 153 | 17 39 04.372 | -16 19 43.16 | 31.91 | 46d,47a,b |

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|--------|------|------------------|------|-----|------|------|-----|-----|------|--------------|--------------|-------|---------------------|
| P420 | P420 | 2006 11 10 05:52 | 0.87 | 189 | 30.0 | 16.2 | 26 | 38 | 128 | 17 39 42.073 | -16 21 13.98 | 31.97 | 46a,d,47a,b |
| P421 | P421 | 2006 11 11 23:09 | 0.63 | 9 | 30.5 | 14.1 | 152 | 36 | -134 | 17 39 55.343 | -16 21 46.03 | 31.99 | 46a,c,d,47a,b,48a,b |
| P421.1 | ---- | 2006 11 12 14:40 | 0.88 | 9 | 30.7 | 14.8 | 89 | 36 | -7 | 17 40 00.387 | -16 21 57.56 | 31.99 | 46a,b,c,d,47a,48a,b |
| P423 | P423 | 2006 11 15 00:16 | 0.04 | 191 | 31.4 | 15.4 | 52 | 34 | -153 | 17 40 19.413 | -16 22 37.79 | 32.02 | 46a,c,47a,b,48b |
| P425 | P425 | 2006 11 18 06:19 | 0.42 | 188 | 32.2 | 14.3 | 122 | 30 | 113 | 17 40 45.836 | -16 23 31.84 | 32.05 | 46a,c,47a,b,48a,b |
| P426 | C426 | 2006 11 20 10:51 | 0.89 | 7 | 32.7 | 16.9 | 14 | 28 | 43 | 17 41 03.977 | -16 24 08.28 | 32.07 | 47b,48b |
| P427 | P427 | 2006 11 21 20:03 | 0.02 | 186 | 33.0 | 15.7 | 40 | 27 | -96 | 17 41 15.614 | -16 24 29.12 | 32.08 | 47a,48a,b |
| P428 | P428 | 2007 01 13 22:26 | 0.06 | 180 | 32.9 | 16.0 | 32 | 27 | 177 | 17 49 11.585 | -16 32 33.56 | 32.10 | 48a,49a |
| P429.1 | ---- | 2007 01 22 16:09 | 0.53 | 360 | 30.6 | 16.7 | 18 | 35 | -97 | 17 50 23.372 | -16 32 45.05 | 32.03 | 48b,49b |
| P430 | P430 | 2007 01 22 19:60 | 0.17 | 181 | 30.5 | 15.6 | 43 | 35 | -154 | 17 50 24.639 | -16 32 44.37 | 32.03 | 48a,b,49a,b |
| P431 | P431 | 2007 01 28 01:43 | 0.33 | 180 | 28.9 | 16.9 | 15 | 40 | 115 | 17 51 05.021 | -16 32 42.11 | 31.98 | 48a,b |
| P432 | P432 | 2007 01 28 21:55 | 0.96 | 179 | 28.6 | 16.7 | 18 | 41 | 171 | 17 51 11.301 | -16 32 40.50 | 31.97 | 48a,b,49a,b |
| P433 | P433 | 2007 01 31 17:58 | 0.45 | 179 | 27.7 | 14.7 | 98 | 44 | -132 | 17 51 32.028 | -16 32 36.75 | 31.94 | 48a,49a |
| P434 | P434 | 2007 02 01 09:55 | 0.15 | 180 | 27.4 | 11.7 | 675 | 45 | -12 | 17 51 36.784 | -16 32 35.89 | 31.93 | 48a,b,49a |
| P435 | P435 | 2007 02 03 08:25 | 0.37 | 179 | 26.7 | 13.3 | 276 | 46 | 8 | 17 51 50.411 | -16 32 31.66 | 31.91 | 48a,49a,b |
| P436 | P436 | 2007 02 05 04:12 | 0.34 | 178 | 26.1 | 17.2 | 12 | 48 | 70 | 17 52 02.928 | -16 32 27.02 | 31.89 | 48a,b,49b |
| P436.1 | ---- | 2007 02 06 13:27 | 0.79 | 358 | 25.5 | 14.4 | 131 | 50 | -70 | 17 52 12.229 | -16 32 24.25 | 31.87 | 48a,b,49a |
| P437 | P437 | 2007 02 07 01:15 | 0.07 | 180 | 25.3 | 16.1 | 32 | 50 | 112 | 17 52 15.487 | -16 32 21.96 | 31.86 | 48a,49a |
| P438 | C438 | 2007 02 13 00:21 | 0.32 | 358 | 22.9 | 14.0 | 189 | 56 | 120 | 17 52 52.997 | -16 32 01.07 | 31.78 | 48b,49a,b |
| P441 | P441 | 2007 02 20 14:56 | 0.60 | 176 | 19.5 | 15.6 | 57 | 63 | -106 | 17 53 35.265 | -16 31 24.47 | 31.68 | 48a,49b |
| P443 | C443 | 2007 03 03 01:36 | 0.16 | 354 | 14.6 | 16.2 | 40 | 73 | 84 | 17 54 22.094 | -16 30 23.26 | 31.52 | 47b,48a,b,49b |
| P445.1 | ---- | 2007 03 12 21:13 | 0.63 | 169 | 9.7 | 16.2 | 50 | 83 | 140 | 17 54 53.525 | -16 29 14.80 | 31.36 | 47a,b,48a,b |
| P445.2 | ---- | 2007 03 15 00:42 | 0.61 | 167 | 8.6 | 15.7 | 76 | 85 | 86 | 17 54 58.691 | -16 28 59.00 | 31.32 | 47a,b,48a |
| P445.3 | ---- | 2007 03 18 11:35 | 0.89 | 164 | 6.8 | 14.4 | 245 | 89 | -81 | 17 55 05.727 | -16 28 33.06 | 31.26 | 47a,b,48a,49b |
| P445.4 | ---- | 2007 03 22 12:46 | 0.80 | 337 | 4.8 | 15.9 | 88 | 93 | -103 | 17 55 11.938 | -16 28 03.86 | 31.20 | 47a,48a |
| P447 | P447 | 2007 04 22 06:59 | 0.59 | 189 | 10.4 | 16.9 | 24 | 123 | -46 | 17 54 47.715 | -16 24 22.29 | 30.72 | 47a,48b |
| P448 | P448 | 2007 04 26 03:18 | 0.76 | 187 | 12.0 | 15.8 | 59 | 126 | 5 | 17 54 36.351 | -16 23 59.62 | 30.67 | 47a,b,48a,b |
| P449 | P449 | 2007 04 27 19:57 | 0.33 | 187 | 12.6 | 15.7 | 67 | 128 | 114 | 17 54 30.801 | -16 23 50.65 | 30.64 | 46a,47a,b,48a,b |
| P450 | P450 | 2007 04 30 01:53 | 0.50 | 6 | 13.5 | 14.2 | 204 | 130 | 22 | 17 54 22.965 | -16 23 39.42 | 30.62 | 47a,b,48a,b |
| P451 | C451 | 2007 05 01 04:43 | 0.77 | 5 | 13.9 | 15.1 | 105 | 131 | -21 | 17 54 18.875 | -16 23 34.08 | 30.60 | 46a,47b,48a |
| P452 | P452 | 2007 05 03 07:13 | 0.78 | 185 | 14.7 | 15.6 | 67 | 133 | -61 | 17 54 10.822 | -16 23 22.49 | 30.58 | 47a |
| P452.1 | ---- | 2007 05 04 08:50 | 0.05 | 6 | 15.1 | 16.2 | 37 | 134 | -86 | 17 54 06.550 | -16 23 18.34 | 30.56 | 47a |
| P453 | P453 | 2007 05 06 01:41 | 0.42 | 184 | 15.6 | 17.1 | 17 | 136 | 19 | 17 53 59.524 | -16 23 10.20 | 30.55 | 46a |
| P454 | P454 | 2007 05 08 00:45 | 0.99 | 184 | 16.3 | 17.5 | 11 | 138 | 32 | 17 53 51.090 | -16 23 01.59 | 30.52 | 46a,47a |
| P455 | P455 | 2007 05 10 19:24 | 0.46 | 183 | 17.2 | 16.1 | 38 | 141 | 109 | 17 53 38.502 | -16 22 51.70 | 30.49 | 46a,47a,48a,b |
| P456 | P456 | 2007 05 12 04:23 | 0.64 | 183 | 17.7 | 13.5 | 294 | 142 | -27 | 17 53 32.019 | -16 22 46.66 | 30.48 | 46a,d,47a,48a |
| P456.2 | ---- | 2007 05 14 05:59 | 0.73 | 2 | 18.3 | 17.4 | 12 | 144 | -53 | 17 53 21.969 | -16 22 41.59 | 30.46 | 46a,47a |
| P457.1 | ---- | 2007 05 17 10:52 | 0.67 | 2 | 19.2 | 15.5 | 65 | 147 | -130 | 17 53 05.685 | -16 22 33.00 | 30.43 | 46a,c,47a,48a,b |
| P458.1 | ---- | 2007 05 22 16:18 | 0.54 | 1 | 20.5 | 17.6 | 10 | 152 | 143 | 17 52 37.490 | -16 22 23.02 | 30.39 | 46a,47a |
| P461 | P461 | 2007 06 01 09:37 | 0.19 | 180 | 22.3 | 13.6 | 244 | 161 | -126 | 17 51 40.599 | -16 22 17.87 | 30.33 | 46c,d,47a,48a |
| P463 | P463 | 2007 06 08 15:48 | 0.76 | 178 | 23.3 | 15.1 | 80 | 167 | 134 | 17 50 55.377 | -16 22 26.96 | 30.30 | 46a,c,d,47a,b,48a,b |
| P463.1 | ---- | 2007 06 09 09:31 | 0.60 | 359 | 23.3 | 16.7 | 20 | 168 | -133 | 17 50 50.685 | -16 22 30.00 | 30.30 | 46a |
| P464 | P464 | 2007 06 10 04:41 | 0.96 | 178 | 23.4 | 15.9 | 42 | 169 | -61 | 17 50 45.585 | -16 22 30.38 | 30.30 | 46a,47a |
| P466 | P466 | 2007 06 13 15:01 | 0.98 | 178 | 23.6 | 16.1 | 35 | 171 | 141 | 17 50 23.549 | -16 22 39.82 | 30.29 | 46a,47b,48a |
| P467 | C467 | 2007 06 13 19:57 | 0.62 | 358 | 23.6 | 13.7 | 228 | 171 | 66 | 17 50 22.224 | -16 22 42.09 | 30.29 | 46a,c,d,47b,48a |
| P468 | C468 | 2007 06 14 01:13 | 0.36 | 358 | 23.6 | 15.0 | 87 | 171 | -13 | 17 50 20.809 | -16 22 42.55 | 30.29 | 46a,c,47b,48a |
| P473 | C473 | 2007 06 19 07:04 | 0.19 | 356 | 23.8 | 14.2 | 163 | 173 | -106 | 17 49 46.821 | -16 23 02.84 | 30.29 | 46a,c,d,47a,b,48a |
| P473.1 | ---- | 2007 06 21 13:42 | 0.92 | 357 | 23.8 | 15.8 | 44 | 173 | 152 | 17 49 32.065 | -16 23 14.41 | 30.29 | 46a,47a,b,48a,b |
| P475 | P475 | 2007 06 23 04:21 | 0.01 | 8 | 23.7 | 17.0 | 15 | 172 | -69 | 17 49 21.627 | -16 23 22.00 | 30.30 | 47b,48b |

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|--------|------|------------------|------|-----|------|------|------|-----|------|--------------|--------------|-------|---------------------|
| P479 | P479 | 2007 06 30 00:15 | 0.68 | 176 | 23.3 | 16.4 | 26 | 167 | -14 | 17 48 37.794 | -16 24 03.28 | 30.31 | 47a,b,48b |
| P480 | P480 | 2007 06 30 09:40 | 0.60 | 176 | 23.3 | 16.1 | 35 | 167 | -156 | 17 48 35.300 | -16 24 06.08 | 30.31 | 47b,48b |
| P481 | P481 | 2007 07 01 21:45 | 0.63 | 175 | 23.1 | 15.3 | 69 | 166 | 21 | 17 48 25.800 | -16 24 16.71 | 30.32 | 47a,b,48b |
| P483 | C483 | 2007 07 03 21:16 | 0.20 | 175 | 22.9 | 16.1 | 34 | 164 | 26 | 17 48 13.406 | -16 24 32.10 | 30.33 | 47a,48a |
| P488.1 | ---- | 2007 07 10 23:33 | 0.41 | 173 | 21.9 | 15.2 | 76 | 158 | -15 | 17 47 30.186 | -16 25 32.88 | 30.37 | 47a,48a |
| P488.2 | ---- | 2007 07 11 21:57 | 0.21 | 173 | 21.7 | 12.9 | 396 | 157 | 8 | 17 47 24.675 | -16 25 42.01 | 30.37 | 47a,b,48a,b |
| P488.3 | ---- | 2007 07 12 10:43 | 0.79 | 353 | 21.6 | 15.5 | 57 | 156 | 176 | 17 47 21.559 | -16 25 48.15 | 30.38 | 47a,48a |
| P488.4 | ---- | 2007 07 14 06:48 | 0.62 | 353 | 21.2 | 15.9 | 43 | 155 | -127 | 17 47 10.889 | -16 26 06.07 | 30.39 | 47a,b |
| P490.1 | ---- | 2007 07 18 02:48 | 0.33 | 352 | 20.4 | 14.9 | 97 | 151 | -71 | 17 46 49.301 | -16 26 46.23 | 30.42 | 47a,b,48a,b |
| P491 | P491 | 2007 07 19 06:37 | 0.52 | 172 | 20.1 | 14.9 | 97 | 150 | -129 | 17 46 42.948 | -16 26 58.25 | 30.43 | 48b |
| P491.1 | ---- | 2007 07 20 01:56 | 0.48 | 352 | 19.9 | 16.8 | 20 | 149 | -60 | 17 46 38.605 | -16 27 08.27 | 30.44 | 47a |
| P495.1 | ---- | 2007 07 29 06:14 | 0.75 | 169 | 17.4 | 16.5 | 26 | 140 | -134 | 17 45 52.502 | -16 28 59.84 | 30.53 | 47a,48b |
| P495.2 | ---- | 2007 07 31 00:09 | 0.29 | 168 | 16.9 | 16.5 | 28 | 139 | -44 | 17 45 44.534 | -16 29 23.83 | 30.55 | 47a,b,48a,b |
| P495.3 | ---- | 2007 07 31 13:32 | 0.70 | 168 | 16.7 | 13.8 | 254 | 138 | 114 | 17 45 42.036 | -16 29 31.04 | 30.56 | 47a,b,48a,b,49b |
| P495.4 | ---- | 2007 08 01 01:25 | 0.05 | 348 | 16.5 | 16.7 | 24 | 138 | -64 | 17 45 39.858 | -16 29 38.55 | 30.56 | 47a,b,48a,b,49b |
| P498 | C498 | 2007 08 04 09:44 | 0.66 | 346 | 15.4 | 15.1 | 93 | 135 | 168 | 17 45 25.695 | -16 30 26.01 | 30.60 | 48b |
| P499.1 | ---- | 2007 08 08 08:26 | 0.83 | 164 | 14.1 | 15.5 | 73 | 131 | -177 | 17 45 10.356 | -16 31 22.82 | 30.65 | 48b,49b |
| P499.2 | ---- | 2007 08 08 17:43 | 0.81 | 344 | 13.9 | 16.1 | 42 | 130 | 43 | 17 45 08.972 | -16 31 30.20 | 30.66 | 48a,b,49a,b |
| P502.1 | ---- | 2007 09 01 15:29 | 0.08 | 301 | 5.5 | 16.6 | 43 | 107 | 53 | 17 44 14.818 | -16 38 14.52 | 31.02 | 49a,b,50b |
| P507 | C507 | 2007 09 27 15:39 | 0.48 | 207 | 11.3 | 9.2 | 3523 | 82 | 25 | 17 44 38.493 | -16 46 36.02 | 31.47 | 50a,51c,d |
| P509 | P509 | 2007 10 04 07:14 | 0.89 | 21 | 14.3 | 15.9 | 49 | 76 | 145 | 17 44 58.765 | -16 48 48.13 | 31.58 | 50a,b,51c |
| P510 | C510 | 2007 10 04 18:30 | 0.44 | 201 | 14.5 | 16.4 | 34 | 75 | -25 | 17 45 00.447 | -16 48 56.08 | 31.59 | 50a,b,51c,d |
| P513 | P513 | 2007 10 10 09:49 | 0.35 | 18 | 17.1 | 14.7 | 127 | 70 | 100 | 17 45 22.393 | -16 50 46.82 | 31.68 | 50a,b |
| P514 | P514 | 2007 10 14 09:46 | 0.25 | 196 | 18.9 | 15.7 | 54 | 66 | 97 | 17 45 40.355 | -16 52 03.05 | 31.75 | 50a,b,51c |
| P516 | P516 | 2007 10 24 03:49 | 0.18 | 192 | 23.0 | 15.5 | 58 | 57 | 177 | 17 46 31.941 | -16 55 05.46 | 31.90 | 51c,52d |
| P518 | P518 | 2007 10 25 15:06 | 0.28 | 191 | 23.6 | 12.0 | 620 | 55 | 6 | 17 46 40.632 | -16 55 31.91 | 31.92 | 51c,d,52a,b,d |
| P519 | P519 | 2007 10 28 06:26 | 0.11 | 191 | 24.6 | 16.0 | 36 | 53 | 134 | 17 46 56.799 | -16 56 19.47 | 31.95 | 51c,d,52a |
| P520 | P520 | 2007 10 30 22:51 | 0.60 | 11 | 25.6 | 15.8 | 42 | 50 | -115 | 17 47 13.940 | -16 57 07.24 | 31.99 | 51c,52a,d |
| P521 | P521 | 2007 11 03 19:09 | 0.58 | 10 | 27.0 | 16.2 | 28 | 47 | -63 | 17 47 39.774 | -16 58 13.20 | 32.04 | 51c,d,52d |
| P522 | P522 | 2007 11 04 10:22 | 0.81 | 10 | 27.2 | 15.9 | 38 | 46 | 68 | 17 47 44.159 | -16 58 24.11 | 32.05 | 51c,52a |
| P524 | P524 | 2007 11 07 10:37 | 0.02 | 10 | 28.3 | 14.7 | 96 | 43 | 61 | 17 48 05.513 | -16 59 12.91 | 32.09 | 51c,d,52a,b,d,53d |
| P526 | C526 | 2007 11 08 21:52 | 0.99 | 9 | 28.8 | 16.6 | 19 | 42 | -109 | 17 48 16.216 | -16 59 37.69 | 32.10 | 51d |
| P527 | C527 | 2007 11 14 03:31 | 0.79 | 8 | 30.4 | 15.8 | 40 | 37 | 161 | 17 48 55.819 | -17 00 59.14 | 32.16 | 51c,52a,d,53a,b,c,d |
| P528 | P528 | 2007 11 14 13:10 | 0.09 | 188 | 30.5 | 16.8 | 16 | 36 | 16 | 17 48 58.958 | -17 01 04.35 | 32.17 | 52a |
| P530 | C530 | 2007 11 21 09:09 | 0.95 | 7 | 32.3 | 16.8 | 16 | 30 | 70 | 17 49 53.877 | -17 02 43.95 | 32.23 | 52a,d,53c |
| P530.1 | ---- | 2007 11 22 22:42 | 0.68 | 6 | 32.6 | 16.5 | 20 | 28 | -135 | 17 50 06.881 | -17 03 05.10 | 32.24 | 54a |
| P535 | P535 | 2007 11 26 17:07 | 0.69 | 186 | 33.5 | 15.8 | 36 | 25 | -55 | 17 50 38.755 | -17 03 52.77 | 32.27 | 52a,d,53a,c |
| P535.1 | ---- | 2008 01 14 12:32 | 0.29 | 1 | 33.2 | 16.0 | 31 | 25 | -32 | 17 57 57.278 | -17 09 37.61 | 32.29 | 53c,d,54d |
| P537 | C537 | 2008 01 16 13:23 | 0.54 | 0 | 32.8 | 16.3 | 24 | 27 | -47 | 17 58 14.573 | -17 09 39.98 | 32.28 | 53a,54b |
| P537.1 | ---- | 2008 01 18 09:26 | 0.37 | 0 | 32.3 | 16.1 | 28 | 29 | 11 | 17 58 29.976 | -17 09 41.17 | 32.26 | 53a,54a |
| P538 | P538 | 2008 01 24 16:53 | 0.26 | 179 | 30.7 | 15.4 | 56 | 35 | -107 | 17 59 21.292 | -17 09 39.66 | 32.21 | 54c |
| P538.1 | ---- | 2008 01 24 20:31 | 0.64 | 359 | 30.6 | 16.1 | 30 | 35 | -162 | 17 59 22.492 | -17 09 40.45 | 32.21 | 53b,54a |
| P538.2 | ---- | 2008 01 25 08:32 | 0.63 | 360 | 30.5 | 14.8 | 88 | 35 | 18 | 17 59 26.444 | -17 09 40.06 | 32.21 | 53a,b,c,54b,d |
| P539.1 | ---- | 2008 01 26 09:22 | 0.99 | 359 | 30.1 | 14.9 | 80 | 36 | 4 | 17 59 34.545 | -17 09 39.44 | 32.20 | 53a,b,c,54b,d |
| P539.2 | ---- | 2008 01 27 04:10 | 0.44 | 359 | 29.9 | 15.4 | 53 | 37 | 81 | 17 59 40.627 | -17 09 37.95 | 32.19 | 53b,c,54a,b,d |
| P540 | P540 | 2008 01 28 07:10 | 0.13 | 180 | 29.6 | 16.7 | 17 | 38 | 35 | 17 59 49.278 | -17 09 35.76 | 32.18 | 53d,54b |
| P541.1 | ---- | 2008 01 29 21:06 | 0.64 | 179 | 29.1 | 15.8 | 39 | 40 | -175 | 18 00 01.274 | -17 09 32.61 | 32.16 | 54a |
| P543 | P543 | 2008 02 02 10:24 | 0.77 | 179 | 27.9 | 16.7 | 18 | 43 | -18 | 18 00 27.489 | -17 09 25.23 | 32.12 | 53c,d,54a,b |
| P544 | P544 | 2008 02 03 03:04 | 0.97 | 179 | 27.6 | 17.1 | 13 | 44 | 91 | 18 00 32.484 | -17 09 23.27 | 32.12 | 53d,54a,b |

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|--------|------|------------------|------|-----|------|------|------|-----|------|--------------|--------------|-------|-----------------------|
| P547.1 | ---- | 2008 02 10 20:12 | 0.25 | 177 | 24.7 | 13.7 | 219 | 51 | -173 | 18 01 24.965 | -17 08 59.43 | 32.02 | 53a,b,54a |
| P549 | P549 | 2008 02 20 11:28 | 0.91 | 176 | 20.6 | 16.0 | 39 | 61 | -51 | 18 02 21.972 | -17 08 16.40 | 31.89 | 54a |
| P552.1 | ---- | 2008 03 06 06:23 | 0.41 | 353 | 13.6 | 16.5 | 32 | 75 | 11 | 18 03 28.594 | -17 06 53.41 | 31.67 | 53a |
| P553.1 | ---- | 2008 03 12 14:57 | 0.55 | 351 | 10.4 | 13.9 | 292 | 81 | -124 | 18 03 48.756 | -17 06 12.89 | 31.56 | 52a,b,d,53a,b,c,d,54a |
| P555.1 | ---- | 2008 04 09 14:42 | 0.67 | 202 | 4.3 | 15.0 | 203 | 109 | -148 | 18 04 13.375 | -17 03 12.76 | 31.11 | 53a,c,54a |
| P556.1 | ---- | 2008 05 08 22:17 | 0.77 | 2 | 16.2 | 15.8 | 54 | 137 | 69 | 18 02 52.585 | -17 01 11.88 | 30.71 | 51c,52a,d,53c,d |
| P556.2 | ---- | 2008 05 11 00:35 | 0.99 | 2 | 16.8 | 16.2 | 36 | 140 | 33 | 18 02 43.262 | -17 01 07.78 | 30.68 | 53a |
| P557 | P557 | 2008 05 12 17:48 | 0.11 | 181 | 17.4 | 17.9 | 8 | 141 | 133 | 18 02 35.335 | -17 01 03.91 | 30.67 | 52a |
| P558 | P558 | 2008 05 13 23:05 | 0.81 | 181 | 17.8 | 16.9 | 19 | 142 | 52 | 18 02 29.538 | -17 01 01.55 | 30.65 | 52a,d,53a,d |
| P558.1 | ---- | 2008 05 14 12:16 | 0.23 | 0 | 18.0 | 16.8 | 21 | 143 | -146 | 18 02 26.883 | -17 01 01.88 | 30.65 | 52a,d,53a,d |
| P559 | P559 | 2008 05 20 03:34 | 0.36 | 179 | 19.5 | 16.2 | 35 | 148 | -21 | 18 01 58.292 | -17 00 57.09 | 30.60 | 51c,52d,53b |
| P560.1 | ---- | 2008 05 26 23:36 | 0.43 | 359 | 21.2 | 15.7 | 49 | 155 | 31 | 18 01 20.561 | -17 01 00.50 | 30.55 | 52a,53a |
| P560.2 | ---- | 2008 05 27 04:13 | 0.74 | 359 | 21.2 | 11.1 | 1049 | 155 | -38 | 18 01 19.459 | -17 01 01.00 | 30.55 | 51c,52a,b,d,53a,b,c,d |
| P560.3 | ---- | 2008 05 28 21:31 | 0.39 | 359 | 21.5 | 15.2 | 77 | 157 | 60 | 18 01 09.472 | -17 01 02.61 | 30.53 | 51c,52a,53a,c,d |
| P560.4 | ---- | 2008 06 05 00:42 | 0.81 | 358 | 22.7 | 16.2 | 32 | 163 | 6 | 18 00 26.514 | -17 01 17.83 | 30.50 | 51c,53d |
| P562.1 | ---- | 2008 06 07 08:20 | 0.17 | 357 | 23.0 | 12.6 | 455 | 165 | -111 | 18 00 12.098 | -17 01 24.32 | 30.49 | 51c,52a,b,53a,b,d,54 |
| P564 | P564 | 2008 06 11 06:38 | 0.26 | 178 | 23.4 | 16.4 | 25 | 169 | -90 | 17 59 47.267 | -17 01 38.15 | 30.48 | 54a |
| P564.1 | ---- | 2008 06 12 15:25 | 0.66 | 357 | 23.5 | 15.8 | 43 | 170 | 137 | 17 59 38.561 | -17 01 44.80 | 30.48 | 51c,52a,53a,c,54a |
| P565 | P565 | 2008 06 12 23:53 | 0.48 | 177 | 23.5 | 15.4 | 62 | 170 | 10 | 17 59 36.300 | -17 01 45.23 | 30.47 | 54a |
| P567 | P567 | 2008 06 15 06:10 | 0.36 | 177 | 23.7 | 16.6 | 21 | 172 | -87 | 17 59 21.778 | -17 01 55.97 | 30.47 | 52a,53a,54a |
| P567.1 | ---- | 2008 06 16 03:06 | 0.14 | 178 | 23.7 | 15.7 | 48 | 172 | -42 | 17 59 16.154 | -17 02 00.45 | 30.47 | 52a,d,53a,c,d,54a |
| P567.2 | ---- | 2008 06 17 21:48 | 0.65 | 357 | 23.7 | 15.5 | 56 | 173 | 36 | 17 59 04.671 | -17 02 10.35 | 30.47 | 52a,53c,d,54a |
| P570 | P570 | 2008 06 22 18:57 | 0.70 | 176 | 23.8 | 12.7 | 415 | 173 | 74 | 17 58 33.078 | -17 02 37.83 | 30.47 | 52a,b,53a,b,c,54a |
| P571 | C571 | 2008 06 24 10:28 | 0.11 | 176 | 23.7 | 15.8 | 43 | 173 | -161 | 17 58 22.436 | -17 02 49.05 | 30.47 | 52a,53c,54a |
| P576 | C576 | 2008 07 01 21:13 | 0.10 | 354 | 23.3 | 16.4 | 26 | 167 | 31 | 17 57 34.726 | -17 03 44.83 | 30.49 | 52a,54a |
| P577 | P577 | 2008 07 03 02:16 | 0.84 | 174 | 23.2 | 15.7 | 48 | 166 | -46 | 17 57 27.079 | -17 03 54.10 | 30.50 | 52a,d,53a,c,d,54a |
| P580 | P580 | 2008 07 05 11:15 | 0.63 | 174 | 22.9 | 15.1 | 77 | 164 | 177 | 17 57 12.209 | -17 04 14.93 | 30.51 | 52a,d,53a,b,c,53d |
| P582 | P582 | 2008 07 07 12:35 | 0.98 | 174 | 22.6 | 15.8 | 45 | 162 | 154 | 17 56 59.499 | -17 04 33.20 | 30.52 | 52d,53a,c,54a |
| P583.1 | ---- | 2008 07 09 04:30 | 0.02 | 175 | 22.4 | 17.3 | 12 | 161 | -86 | 17 56 49.360 | -17 04 50.03 | 30.53 | 53a,c |
| P583.2 | ---- | 2008 07 11 14:36 | 0.23 | 353 | 22.0 | 15.7 | 50 | 159 | 120 | 17 56 34.792 | -17 05 14.23 | 30.54 | 52a,53a,54a |
| P584.2 | ---- | 2008 07 14 22:59 | 0.13 | 353 | 21.4 | 16.8 | 19 | 156 | -9 | 17 56 15.140 | -17 05 48.91 | 30.56 | 52a,d,53d,54a |
| P585.1 | ---- | 2008 07 18 09:46 | 0.69 | 352 | 20.7 | 15.6 | 54 | 152 | -174 | 17 55 55.556 | -17 06 27.61 | 30.59 | 52a,d,53a,c,d,54a |
| P587.1 | ---- | 2008 07 21 08:43 | 0.71 | 171 | 20.0 | 14.8 | 111 | 150 | -161 | 17 55 39.370 | -17 07 00.47 | 30.61 | 52a,d,53a,b,c,d,54a,b |
| P588 | P588 | 2008 07 24 10:51 | 0.95 | 170 | 19.2 | 16.8 | 20 | 147 | 163 | 17 55 23.097 | -17 07 37.84 | 30.64 | 52a,d,53c,54a |
| P595.1 | ---- | 2008 08 13 04:51 | 0.23 | 342 | 12.8 | 16.0 | 51 | 128 | -127 | 17 53 58.545 | -17 12 14.92 | 30.88 | 53a,c,d,54a,d |
| P598.2 | ---- | 2008 08 25 04:13 | 0.39 | 329 | 8.2 | 14.9 | 156 | 116 | -129 | 17 53 27.147 | -17 15 27.52 | 31.05 | 53a,c,d,54a,c,d,55a,b |
| P598.3 | ---- | 2008 09 01 02:30 | 0.22 | 312 | 5.8 | 16.1 | 70 | 109 | -110 | 17 53 16.833 | -17 17 25.14 | 31.17 | 55a,b |
| P600.1 | ---- | 2008 09 07 06:46 | 0.27 | 282 | 4.7 | 15.1 | 170 | 103 | 180 | 17 53 12.826 | -17 19 13.04 | 31.27 | 54d,55a,b |
| P601.1 | ---- | 2008 09 30 15:52 | 0.29 | 204 | 11.9 | 14.0 | 255 | 81 | 20 | 17 53 43.066 | -17 26 11.70 | 31.67 | 56a,b,c,d |
| P604 | C604 | 2008 10 08 12:11 | 0.90 | 198 | 15.5 | 15.0 | 103 | 73 | 68 | 17 54 09.274 | -17 28 29.99 | 31.81 | 55d |
| P605 | P605 | 2008 10 10 15:08 | 0.59 | 16 | 16.4 | 14.3 | 172 | 71 | 22 | 17 54 17.663 | -17 29 08.23 | 31.84 | 55a,b,e,56a,b,c,d,57a |
| P606 | P606 | 2008 10 15 13:18 | 0.03 | 19 | 18.6 | 15.3 | 77 | 66 | 44 | 17 54 39.321 | -17 30 32.28 | 31.92 | 55b,e,56b,e,57a,e |
| P607 | P607 | 2008 10 23 18:21 | 0.15 | 191 | 22.2 | 15.9 | 40 | 58 | -39 | 17 55 21.732 | -17 32 48.00 | 32.05 | 56a,e,57a |
| P608 | P608 | 2008 10 24 16:54 | 0.63 | 11 | 22.6 | 14.4 | 143 | 58 | -18 | 17 55 27.061 | -17 33 03.88 | 32.06 | 56a,b,e,57a,c,e |
| P611 | P611 | 2008 11 03 19:13 | 0.51 | 8 | 26.5 | 12.4 | 480 | 48 | -63 | 17 56 30.262 | -17 35 39.07 | 32.20 | 56a,b,c,d,e,57a,e |
| P615 | P615 | 2008 11 17 01:00 | 0.51 | 6 | 30.7 | 10.7 | 1086 | 35 | -162 | 17 58 07.404 | -17 38 38.91 | 32.36 | 56b,57a,e,58a,b,e |
| P616 | P616 | 2008 11 19 08:40 | 0.02 | 5 | 31.4 | 16.4 | 23 | 33 | 81 | 17 58 25.838 | -17 39 06.72 | 32.38 | 58a |
| P617 | C617 | 2008 11 19 16:38 | 0.80 | 6 | 31.5 | 16.4 | 22 | 32 | -39 | 17 58 28.500 | -17 39 11.49 | 32.38 | 57c,58a |
| P618 | P618 | 2008 11 20 03:34 | 0.13 | 186 | 31.6 | 15.9 | 33 | 32 | 156 | 17 58 32.184 | -17 39 16.04 | 32.39 | 57a,58a |

| | | | | | | | | | | | | | |
|--------|------|------------------|------|-----|------|------|------|-----|------|--------------|--------------|-------|---------------------|
| P618.2 | ---- | 2008 11 27 14:49 | 0.74 | 5 | 33.3 | 14.7 | 88 | 25 | -20 | 17 59 34.258 | -17 40 40.15 | 32.45 | 57a,e,58a,b,e |
| P621 | P621 | 2009 01 28 13:09 | 0.56 | 179 | 29.9 | 15.0 | 74 | 37 | -53 | 18 08 38.634 | -17 44 35.32 | 32.37 | 57a,e,58a,e,59a,b,e |
| P621.1 | ---- | 2009 02 08 12:08 | 0.86 | 358 | 26.1 | 15.7 | 44 | 48 | -49 | 18 09 58.067 | -17 44 03.33 | 32.25 | 57a,c,e,58b,e,59b |
| P622 | P622 | 2009 02 10 05:42 | 0.74 | 178 | 25.5 | 10.6 | 1229 | 49 | 46 | 18 10 09.631 | -17 43 54.97 | 32.23 | 58e,59b |
| P622.1 | ---- | 2009 02 12 19:26 | 0.22 | 357 | 24.4 | 14.8 | 101 | 52 | -162 | 18 10 26.264 | -17 43 45.47 | 32.20 | 57a,e,58a,b,e |
| P623 | P623 | 2009 02 22 09:06 | 0.10 | 176 | 20.4 | 16.3 | 30 | 61 | -16 | 18 11 22.063 | -17 42 59.52 | 32.07 | 57a,58a,b |
| P624 | P624 | 2009 03 02 17:16 | 0.84 | 175 | 16.5 | 14.3 | 170 | 69 | -147 | 18 12 02.185 | -17 42 13.69 | 31.94 | 57e,58b,e |
| P629 | P629 | 2009 04 22 00:11 | 0.21 | 5 | 8.6 | 15.7 | 79 | 119 | 60 | 18 12 53.542 | -17 37 57.16 | 31.14 | 57a |
| P631 | P631 | 2009 05 12 09:25 | 0.48 | 180 | 16.5 | 14.3 | 180 | 139 | -99 | 18 11 44.375 | -17 37 21.61 | 30.88 | 56b,c,d,e,57e,58a,e |
| P633.1 | ---- | 2009 06 03 12:23 | 0.53 | 358 | 22.1 | 17.2 | 13 | 160 | -166 | 18 09 47.050 | -17 38 02.35 | 30.70 | 57a,58a |
| P634 | C634 | 2009 06 10 15:15 | 0.22 | 177 | 23.1 | 16.0 | 37 | 166 | 144 | 18 09 03.325 | -17 38 33.29 | 30.67 | 56b,57a,e,58a,e |
| P637.1 | ---- | 2009 06 26 11:36 | 0.47 | 175 | 23.8 | 16.9 | 16 | 173 | -177 | 18 07 21.709 | -17 40 17.34 | 30.66 | 57c,58a,b |
| P639 | C639 | 2009 07 12 02:04 | 0.90 | 173 | 22.4 | 14.3 | 155 | 161 | -50 | 18 05 43.559 | -17 42 42.68 | 30.71 | 57a,c,e,58b,e |
| P641.1 | ---- | 2009 07 20 00:47 | 0.46 | 351 | 20.9 | 16.2 | 32 | 153 | -39 | 18 04 57.185 | -17 44 13.61 | 30.77 | 57a,c,e,58b,e,59b,c |
| P642.1 | ---- | 2009 07 28 13:56 | 0.18 | 349 | 18.8 | 16.9 | 18 | 145 | 115 | 18 04 11.679 | -17 46 00.32 | 30.84 | 58a |
| P642.2 | ---- | 2009 08 02 16:45 | 0.94 | 348 | 17.3 | 15.1 | 89 | 140 | 68 | 18 03 47.159 | -17 47 09.57 | 30.90 | 58b,e,59a,b,c,e |
| P644.1 | ---- | 2009 08 07 22:42 | 0.88 | 346 | 15.5 | 16.3 | 35 | 135 | -27 | 18 03 24.407 | -17 48 23.00 | 30.96 | 58a,b,e,59a,c,e |
| P648.1 | ---- | 2009 08 18 23:51 | 0.28 | 160 | 11.5 | 16.8 | 25 | 124 | -55 | 18 02 45.465 | -17 51 06.33 | 31.11 | 58a,b,59a |
| P651.1 | ---- | 2009 09 25 03:33 | 0.85 | 212 | 8.2 | 11.8 | 1208 | 89 | -147 | 18 02 22.332 | -18 01 09.04 | 31.72 | 60a,b,c,61a,b,c |
| P652.1 | ---- | 2009 10 04 11:52 | 0.46 | 201 | 12.4 | 15.9 | 55 | 79 | 79 | 18 02 44.837 | -18 03 40.32 | 31.89 | 60a |
| P653 | P653 | 2009 10 05 11:28 | 0.43 | 19 | 12.9 | 15.0 | 116 | 78 | 84 | 18 02 47.847 | -18 03 56.87 | 31.90 | 60a,b,c,61a,c |
| P653.1 | ---- | 2009 10 16 10:28 | 1.00 | 193 | 17.9 | 16.5 | 26 | 68 | 89 | 18 03 29.829 | -18 06 44.76 | 32.09 | 60a,b,c,61c,62a |
| P655 | P655 | 2009 11 20 04:12 | 0.35 | 5 | 30.9 | 17.1 | 12 | 34 | 149 | 18 07 10.364 | -18 14 06.63 | 32.55 | 61b |
| P656 | P656 | 2009 11 22 05:17 | 0.43 | 5 | 31.5 | 16.1 | 28 | 32 | 131 | 18 07 26.664 | -18 14 26.49 | 32.57 | 61a,62a,b,c,63a,e |
| P658 | P658 | 2009 11 25 18:07 | 0.98 | 184 | 32.3 | 16.7 | 17 | 29 | -65 | 18 07 55.520 | -18 14 57.51 | 32.61 | 62a,c,63a |
| P659 | P659 | 2009 11 27 10:02 | 0.62 | 184 | 32.7 | 16.8 | 16 | 27 | 55 | 18 08 09.341 | -18 15 12.38 | 32.62 | 63a |

* Old Event ID refers to the designations originally published (based on the DE118 ephemeris). New event ID's match the old designations where possible, and use a decimal notation where not possible in order to keep events in chronological order.

Table 3

Possible Occultations by Charon

| Event* | Old Event ID* | Closest Approach | | | | CCD Mag. | Signal-to-Noise Ratio* | Solar Angle (deg) | East Long (deg) | Right Ascension (J2000) (hh mm ss.sss) | Declination (J2000) (° ' ") | Distance (AU) | Strips |
|--------|---------------|-------------------------------------|-----------------------|----------------------|--|----------|------------------------|-------------------|-----------------|---|--------------------------------|---------------|---------------------|
| | | Date and Time (yyyy mm dd hh:ss) | Min. Sep. (arcsec) | PA of Pluto (deg) | Shadow Velocity (km s ⁻¹) | | | | | | | | |
| C50 | C50 | 2000 01 01 09:07 | 0.96 | 185 | 32.3 | 16.1 | 12 | 31 | 14 | 16 45 41.745 | -11 23 45.58 | 31.07 | 06a,b,07b,c,d,08d,e |
| C51 | C51 | 2000 01 11 15:47 | 0.11 | 184 | 29.5 | 15.2 | 26 | 40 | -96 | 16 47 04.780 | -11 25 11.33 | 30.97 | 07b,c,d,08d |
| C53 | C53 | 2000 02 17 06:04 | 0.54 | 170 | 14.4 | 17.6 | 5 | 75 | 15 | 16 50 40.702 | -11 23 51.19 | 30.47 | 07c,d |
| C56.1 | ---- | 2000 06 25 12:37 | 0.89 | 357 | 21.3 | 17.0 | 6 | 154 | 147 | 16 43 43.687 | -10 56 27.89 | 29.36 | 04a,b |
| C58.1 | ---- | 2000 08 11 13:09 | 0.79 | 312 | 7.8 | 15.8 | 30 | 111 | 92 | 16 40 38.072 | -11 07 14.44 | 29.92 | 04a,05a |
| C58.2 | ---- | 2000 09 05 06:30 | 0.91 | 230 | 10.5 | 17.5 | 6 | 87 | 168 | 16 40 42.111 | -11 18 33.02 | 30.33 | 07b,d |
| C60 | C60 | 2000 09 25 08:12 | 0.21 | 28 | 18.5 | 14.7 | 50 | 68 | 123 | 16 41 43.830 | -11 29 27.71 | 30.66 | 07b,c,d,08d,09c |
| C62 | C62 | 2000 10 10 12:27 | 0.17 | 20 | 24.8 | 18.4 | 2 | 54 | 44 | 16 43 03.011 | -11 38 03.75 | 30.89 | 08d,09c,10d |
| C63 | C63 | 2000 10 11 04:05 | 0.53 | 21 | 25.1 | 17.7 | 3 | 53 | 169 | 16 43 06.981 | -11 38 26.14 | 30.89 | 08d,09c,d,10b,c,d |
| C64.1 | ---- | 2000 11 07 00:23 | 0.44 | 194 | 33.2 | 16.7 | 7 | 29 | -161 | 16 46 23.895 | -11 52 59.70 | 31.18 | 10c,d,11c,d,12a |
| C66 | C66 | 2001 01 02 05:24 | 0.41 | 184 | 32.6 | 16.3 | 10 | 30 | 71 | 16 54 47.291 | -12 12 37.18 | 31.19 | 13b,14b |
| C68 | C68 | 2001 01 08 00:09 | 0.23 | 184 | 31.0 | 14.7 | 39 | 35 | 144 | 16 55 35.072 | -12 13 26.52 | 31.14 | 13b,14b |
| C69 | C69 | 2001 01 12 14:33 | 0.01 | 13 | 29.5 | 13.6 | 89 | 39 | -77 | 16 56 11.481 | -12 13 56.52 | 31.09 | 13b,14b |
| C70 | C70 | 2001 01 22 16:30 | 0.55 | 181 | 26.2 | 16.3 | 11 | 49 | -115 | 16 57 25.319 | -12 14 26.29 | 30.98 | 14b |
| C71 | C71 | 2001 01 25 15:11 | 0.94 | 179 | 24.9 | 17.3 | 5 | 52 | -99 | 16 57 45.086 | -12 14 27.34 | 30.94 | 13b,14b |
| C72 | C72 | 2001 01 27 14:31 | 0.88 | 179 | 24.3 | 17.2 | 5 | 54 | -91 | 16 57 57.865 | -12 14 24.95 | 30.92 | 14b |
| C73 | P73 | 2001 02 02 11:08 | 0.32 | 357 | 21.8 | 16.1 | 14 | 59 | -45 | 16 58 33.381 | -12 14 12.97 | 30.84 | 13b,14b |
| C75.1 | ---- | 2001 02 25 15:41 | 0.50 | 345 | 10.9 | 17.2 | 8 | 82 | -136 | 17 00 14.226 | -12 11 20.13 | 30.48 | 13b,14b |
| C78 | C78 | 2001 04 13 15:39 | 0.97 | 20 | 12.8 | 16.5 | 13 | 128 | 178 | 17 00 00.177 | -11 59 20.18 | 29.74 | 11b,c,d |
| C79 | C79 | 2001 04 24 17:17 | 0.50 | 14 | 16.8 | 17.2 | 6 | 139 | 142 | 16 59 17.283 | -11 56 19.68 | 29.61 | 11b,d |
| C80 | C80 | 2001 04 29 09:20 | 0.45 | 11 | 18.2 | 16.0 | 18 | 143 | -103 | 16 58 55.600 | -11 55 07.37 | 29.57 | 11b,c,d,12a |
| C81 | C81 | 2001 05 05 00:25 | 0.81 | 10 | 19.6 | 16.9 | 7 | 148 | 25 | 16 58 26.957 | -11 53 45.05 | 29.52 | 10c,11b,c,d,12b |
| C82 | C82 | 2001 05 08 18:29 | 0.07 | 10 | 20.5 | 16.8 | 8 | 152 | 110 | 16 58 06.500 | -11 52 52.80 | 29.49 | 10c,d,11b,c,d |
| C83 | C83 | 2001 05 09 00:48 | 0.50 | 190 | 20.6 | 16.3 | 13 | 152 | 15 | 16 58 05.036 | -11 52 48.58 | 29.48 | 10c,d,11b,c,d,12a |
| C85 | C85 | 2001 05 22 02:28 | 0.61 | 6 | 22.8 | 17.7 | 3 | 163 | -23 | 16 56 47.236 | -11 50 18.65 | 29.41 | 10d,11c |
| C85.1 | ---- | 2001 06 01 08:54 | 0.67 | 4 | 23.7 | 17.3 | 5 | 169 | -130 | 16 55 41.623 | -11 48 57.25 | 29.39 | 10b,c,d,11b,c,d |
| C86 | C86 | 2001 06 05 14:12 | 0.26 | 3 | 23.5 | 17.6 | 4 | 169 | 147 | 16 55 14.198 | -11 48 32.17 | 29.39 | 10b,c,d,11d |
| C87 | C87 | 2001 06 09 17:26 | 0.27 | 182 | 23.5 | 17.4 | 4 | 168 | 94 | 16 54 47.274 | -11 48 14.90 | 29.40 | 10b,d,11d |
| C88 | C88 | 2001 06 12 05:02 | 0.60 | 1 | 23.3 | 17.2 | 5 | 167 | -83 | 16 54 31.248 | -11 48 09.00 | 29.40 | 10d |
| C89 | C89 | 2001 06 12 15:06 | 0.09 | 182 | 23.4 | 17.9 | 3 | 167 | 126 | 16 54 28.551 | -11 48 07.70 | 29.40 | 11d |
| C90 | C90 | 2001 06 13 23:42 | 0.93 | 181 | 23.4 | 17.7 | 3 | 166 | -5 | 16 54 19.791 | -11 48 04.92 | 29.41 | 10c,d,11c |
| C91 | C91 | 2001 06 14 11:10 | 0.29 | 181 | 23.3 | 15.7 | 20 | 166 | -177 | 16 54 16.714 | -11 48 04.76 | 29.41 | 10c,d,11b,c,d |
| C92.1 | ---- | 2001 07 06 08:31 | 0.81 | 354 | 19.6 | 16.4 | 11 | 147 | -159 | 16 52 05.585 | -11 49 11.65 | 29.54 | 10b,c,d,11b,c,d |
| C92.2 | ---- | 2001 07 10 09:27 | 0.94 | 353 | 18.7 | 15.1 | 37 | 143 | -177 | 16 51 44.440 | -11 49 47.53 | 29.58 | 10c,d,11b,c,d |
| C94 | C94 | 2001 09 24 03:35 | 0.20 | 30 | 16.8 | 16.0 | 17 | 72 | -164 | 16 50 37.693 | -12 18 27.27 | 30.72 | 14b,15a,b |
| C95 | C95 | 2001 10 03 17:32 | 1.00 | 23 | 21.0 | 14.1 | 75 | 63 | -23 | 16 51 20.573 | -12 23 31.70 | 30.87 | 15a,b,16a,b |
| C97 | C97 | 2001 10 20 07:50 | 0.17 | 198 | 27.2 | 18.3 | 2 | 47 | 107 | 16 52 59.358 | -12 32 19.93 | 31.10 | 15b |
| C99 | C99 | 2001 10 25 02:52 | 0.11 | 197 | 28.9 | 16.8 | 7 | 43 | 177 | 16 53 33.026 | -12 34 48.37 | 31.16 | 16b,17b,c |

| | | | | | | | | | | | | | |
|--------|------|------------------|------|-----|------|------|-----|-----|------|--------------|--------------|-------|---------------------|
| C99.1 | ---- | 2001 10 31 23:27 | 0.86 | 195 | 30.8 | 17.2 | 4 | 36 | -139 | 16 54 24.562 | -12 38 14.89 | 31.23 | 16b,17b,18b |
| C100 | C100 | 2001 11 06 09:27 | 0.46 | 14 | 32.4 | 18.1 | 2 | 31 | 66 | 16 55 07.760 | -12 40 53.25 | 31.28 | 18b,c |
| C101 | C101 | 2001 11 08 05:35 | 0.05 | 190 | 32.6 | 17.4 | 3 | 30 | 122 | 16 55 22.868 | -12 41 45.57 | 31.30 | 17c,18b,c |
| C102 | C102 | 2002 01 01 17:26 | 0.53 | 184 | 33.3 | 13.7 | 79 | 27 | -107 | 17 03 31.727 | -12 59 40.06 | 31.34 | 19b,c,20a,b |
| C105 | C105 | 2002 01 20 01:35 | 0.72 | 1 | 28.0 | 16.3 | 10 | 44 | 113 | 17 05 58.772 | -13 01 30.44 | 31.17 | 21b |
| C106 | C106 | 2002 02 05 02:50 | 0.73 | 178 | 21.6 | 15.7 | 20 | 60 | 79 | 17 07 43.931 | -13 01 18.29 | 30.96 | 20a,21a,b |
| C107 | P107 | 2002 02 14 06:03 | 0.21 | 354 | 17.6 | 14.9 | 44 | 68 | 22 | 17 08 31.243 | -13 00 30.35 | 30.83 | 19b,c,20a,b,21a,b |
| C108 | C108 | 2002 04 25 13:46 | 0.09 | 13 | 16.1 | 16.3 | 13 | 137 | -163 | 17 08 32.793 | -12 45 18.39 | 29.76 | 17b,c,18b,c,19c |
| C109 | C109 | 2002 04 25 20:06 | 0.58 | 193 | 16.1 | 16.8 | 9 | 137 | 102 | 17 08 31.675 | -12 45 13.97 | 29.76 | 17b,18b,c,d |
| C110 | C110 | 2002 05 07 09:32 | 0.35 | 9 | 19.6 | 18.0 | 3 | 148 | -111 | 17 07 35.840 | -12 42 44.38 | 29.64 | 18c |
| C112 | C112 | 2002 05 15 13:35 | 0.66 | 7 | 21.3 | 18.5 | 2 | 156 | 180 | 17 06 50.217 | -12 41 12.42 | 29.59 | 17b |
| C115 | C115 | 2002 06 06 09:55 | 1.00 | 182 | 23.7 | 16.4 | 11 | 170 | -147 | 17 04 33.252 | -12 38 34.91 | 29.52 | 17c,18b,c,d |
| C116 | C116 | 2002 06 14 02:00 | 0.32 | 181 | 23.6 | 17.4 | 4 | 168 | -37 | 17 03 43.314 | -12 38 16.25 | 29.53 | 17b,c |
| C118 | C118 | 2002 06 28 18:56 | 0.97 | 177 | 21.7 | 18.0 | 3 | 157 | 55 | 17 02 11.051 | -12 38 38.38 | 29.59 | 17b,18b,c |
| C119 | C119 | 2002 07 01 23:04 | 0.54 | 176 | 21.3 | 11.4 | 370 | 154 | -11 | 17 01 52.334 | -12 38 56.23 | 29.61 | 17b,c,18b,c,d |
| C120 | C120 | 2002 07 02 15:43 | 0.28 | 176 | 21.2 | 15.9 | 17 | 153 | 99 | 17 01 48.286 | -12 39 00.48 | 29.62 | 17b,c,18b,c,d |
| C123 | C123 | 2002 07 09 07:40 | 0.89 | 174 | 19.7 | 17.2 | 6 | 147 | -147 | 17 01 11.065 | -12 39 47.78 | 29.67 | 17c,18b,c |
| C124 | P124 | 2002 07 12 20:56 | 0.01 | 180 | 18.6 | 17.3 | 6 | 144 | 10 | 17 00 52.526 | -12 40 20.32 | 29.70 | 17b,18b,c |
| C126 | C126 | 2002 07 20 02:00 | 0.73 | 169 | 16.6 | 12.0 | 312 | 137 | -73 | 17 00 18.002 | -12 41 41.63 | 29.78 | 17b,c,18b,c,d |
| C126.1 | ---- | 2002 07 21 00:46 | 0.98 | 348 | 16.4 | 16.8 | 9 | 136 | -55 | 17 00 13.822 | -12 41 55.99 | 29.79 | 17b,18b,c |
| C126.2 | ---- | 2002 07 21 11:03 | 0.86 | 168 | 16.3 | 16.3 | 14 | 136 | 150 | 17 00 11.917 | -12 41 59.86 | 29.80 | 17c,18c |
| C130.1 | ---- | 2002 08 09 16:38 | 0.80 | 149 | 9.7 | 14.0 | 117 | 118 | 47 | 16 59 07.466 | -12 47 19.99 | 30.06 | 18b,c,d,19b,c |
| C131.1 | ---- | 2002 08 21 06:22 | 0.54 | 117 | 6.7 | 14.9 | 73 | 107 | -171 | 16 58 49.456 | -12 51 31.41 | 30.24 | 18b,c,d,19b |
| C132 | C132 | 2002 10 18 00:22 | 0.24 | 17 | 25.4 | 14.9 | 36 | 52 | -137 | 17 01 36.372 | -13 18 35.66 | 31.17 | 22a,b,23a,b,c |
| C133 | P133 | 2002 10 24 17:29 | 0.81 | 196 | 27.8 | 17.9 | 2 | 45 | -40 | 17 02 21.146 | -13 21 49.95 | 31.26 | 23b,c |
| C134 | C134 | 2002 10 25 15:12 | 0.39 | 15 | 28.0 | 16.9 | 6 | 45 | -6 | 17 02 27.457 | -13 22 17.06 | 31.27 | 23c |
| C138 | C138 | 2002 11 03 23:57 | 0.07 | 192 | 31.1 | 17.9 | 2 | 36 | -147 | 17 03 37.364 | -13 26 36.73 | 31.37 | 23b,c |
| C140 | C140 | 2002 11 09 03:37 | 0.60 | 192 | 32.3 | 15.6 | 18 | 31 | 153 | 17 04 18.702 | -13 28 53.93 | 31.42 | 23a,b,c,24c |
| C141 | C141 | 2002 11 12 17:41 | 0.15 | 192 | 33.1 | 17.8 | 2 | 28 | -61 | 17 04 48.555 | -13 30 27.61 | 31.45 | 23b,c,24b,c,25a |
| C142 | C142 | 2002 11 13 22:01 | 0.17 | 12 | 33.2 | 15.4 | 21 | 27 | -127 | 17 04 58.499 | -13 30 57.70 | 31.46 | 23a,c,24a,b,c,25a,b |
| C145 | C145 | 2003 01 06 21:03 | 0.83 | 183 | 32.7 | 16.9 | 6 | 29 | -164 | 17 13 03.403 | -13 46 00.38 | 31.45 | 26a,b,27b |
| C146 | C146 | 2003 01 09 18:22 | 0.32 | 182 | 31.7 | 15.5 | 20 | 32 | -126 | 17 13 27.586 | -13 46 21.63 | 31.43 | 26a,b,27b |
| C149 | P149 | 2003 01 13 12:01 | 0.79 | 3 | 30.9 | 16.6 | 7 | 35 | -35 | 17 13 58.015 | -13 46 41.71 | 31.40 | 26a,b,27b |
| C150 | C150 | 2003 01 19 13:17 | 0.28 | 181 | 29.1 | 14.8 | 38 | 41 | -59 | 17 14 45.197 | -13 47 02.69 | 31.34 | 26a,b,27b |
| C151 | C151 | 2003 01 20 01:53 | 0.91 | 181 | 28.9 | 17.3 | 4 | 42 | 111 | 17 14 49.171 | -13 47 03.49 | 31.33 | 26a,27b |
| C152 | C152 | 2003 01 28 14:25 | 0.22 | 180 | 25.6 | 17.1 | 5 | 50 | -85 | 17 15 50.071 | -13 47 12.83 | 31.23 | 26a,b,27b |
| C154 | P154 | 2003 02 13 12:13 | 0.58 | 355 | 19.1 | 15.8 | 20 | 65 | -67 | 17 17 23.980 | -13 46 21.29 | 31.01 | 26a,b,27b |
| C154.1 | ---- | 2003 02 17 13:14 | 0.07 | 174 | 17.0 | 14.7 | 51 | 69 | -86 | 17 17 43.253 | -13 45 56.90 | 30.95 | 25b,26a,b,27b |
| C156.1 | ---- | 2003 03 04 19:27 | 0.97 | 344 | 9.8 | 17.1 | 9 | 84 | 165 | 17 18 37.261 | -13 43 44.97 | 30.71 | 25b,26a,b |
| C156.2 | ---- | 2003 03 16 05:36 | 0.26 | 317 | 4.7 | 18.0 | 5 | 95 | 2 | 17 18 57.276 | -13 41 36.12 | 30.52 | 25a,b |
| C156.3 | ---- | 2003 03 17 22:17 | 0.30 | 132 | 3.9 | 17.8 | 8 | 97 | 110 | 17 18 58.719 | -13 41 14.17 | 30.49 | 25a,26a |
| C158 | C158 | 2003 05 01 08:44 | 0.37 | 190 | 17.0 | 17.0 | 7 | 140 | -91 | 17 17 25.374 | -13 31 39.08 | 29.86 | 24b,c,25a,b |
| C159 | C159 | 2003 05 10 19:15 | 0.13 | 187 | 19.9 | 16.8 | 8 | 149 | 102 | 17 16 38.153 | -13 29 59.33 | 29.77 | 23b,c,24b,c,25a |
| C161 | C161 | 2003 05 13 19:28 | 0.82 | 187 | 20.4 | 17.4 | 5 | 152 | 96 | 17 16 21.614 | -13 29 28.60 | 29.75 | 23b,c,24b,c,25a |
| C167 | C167 | 2003 05 31 05:26 | 0.36 | 183 | 23.4 | 16.3 | 11 | 167 | -71 | 17 14 36.401 | -13 27 25.91 | 29.67 | 23b,c,24a,b,c |
| C169 | C169 | 2003 06 04 12:22 | 0.54 | 182 | 23.5 | 17.9 | 3 | 169 | 180 | 17 14 08.852 | -13 27 07.50 | 29.66 | 23c,24c |
| C170 | C170 | 2003 06 13 22:42 | 0.80 | 181 | 23.6 | 17.9 | 3 | 170 | 16 | 17 13 07.470 | -13 26 47.46 | 29.66 | 23b,c,24b |
| C171 | C171 | 2003 06 14 16:07 | 0.09 | 2 | 23.5 | 16.1 | 13 | 169 | 114 | 17 13 02.759 | -13 26 47.58 | 29.66 | 23b,c,24b,c |
| C173.1 | ---- | 2003 07 08 08:24 | 0.87 | 355 | 20.5 | 16.7 | 9 | 151 | -154 | 17 10 37.139 | -13 28 18.47 | 29.78 | 23a,b,c,24a,b,c |

| | | | | | | | | | | | | | |
|--------|------|------------------|------|-----|------|------|----|-----|------|--------------|--------------|-------|---------------------|
| C174 | C174 | 2003 07 08 10:27 | 0.94 | 175 | 20.5 | 16.9 | 7 | 151 | 175 | 17 10 36.646 | -13 28 17.31 | 29.78 | 23b,c |
| C174.1 | ---- | 2003 07 21 14:31 | 0.82 | 350 | 17.0 | 18.2 | 2 | 138 | 100 | 17 09 29.495 | -13 30 33.99 | 29.91 | 23c,24b,c,25a,b |
| C174.2 | ---- | 2003 07 22 06:15 | 0.74 | 350 | 16.7 | 17.9 | 3 | 138 | -136 | 17 09 26.512 | -13 30 41.73 | 29.91 | 24b,c |
| C174.3 | ---- | 2003 07 23 18:39 | 0.47 | 348 | 16.2 | 18.4 | 2 | 136 | 36 | 17 09 19.803 | -13 31 00.60 | 29.93 | 24b,25a,b |
| C174.4 | ---- | 2003 07 31 12:58 | 0.26 | 162 | 13.7 | 17.4 | 5 | 129 | 114 | 17 08 48.907 | -13 32 53.78 | 30.03 | 24b,c,25a,b |
| C175.1 | ---- | 2003 08 20 23:37 | 0.33 | 128 | 7.0 | 17.3 | 9 | 109 | -66 | 17 07 59.453 | -13 39 21.64 | 30.33 | 26a,b |
| C175.2 | ---- | 2003 08 25 04:46 | 0.87 | 291 | 6.3 | 15.9 | 33 | 105 | -148 | 17 07 55.654 | -13 40 54.69 | 30.40 | 25a,b,26a,b |
| C176.1 | ---- | 2003 09 06 20:03 | 0.67 | 239 | 7.8 | 18.1 | 4 | 93 | -29 | 17 07 58.025 | -13 45 58.69 | 30.62 | 25b,26a |
| C176.2 | ---- | 2003 09 10 12:29 | 0.10 | 229 | 8.7 | 14.6 | 77 | 90 | 80 | 17 08 02.650 | -13 47 34.41 | 30.68 | 26a,b,27b |
| C177.1 | ---- | 2003 10 02 15:49 | 0.96 | 204 | 18.3 | 16.6 | 10 | 69 | 9 | 17 09 08.060 | -13 57 31.36 | 31.05 | 27b,28b |
| C178 | C178 | 2003 10 05 19:31 | 0.96 | 22 | 19.3 | 14.4 | 61 | 66 | -50 | 17 09 22.333 | -13 59 01.77 | 31.10 | 27b,28a,b |
| C179 | C179 | 2003 10 10 11:21 | 0.25 | 200 | 21.4 | 17.7 | 3 | 61 | 68 | 17 09 45.719 | -14 01 09.59 | 31.17 | 27b,28b,29b |
| C180 | C180 | 2003 10 24 06:42 | 0.14 | 16 | 26.6 | 17.9 | 3 | 48 | 125 | 17 11 08.775 | -14 07 26.90 | 31.36 | 28b,29b |
| C181 | C181 | 2003 10 27 04:04 | 0.35 | 14 | 27.8 | 17.5 | 4 | 46 | 162 | 17 11 28.572 | -14 08 42.40 | 31.40 | 29b,30b |
| C182 | C182 | 2003 10 29 23:42 | 0.84 | 194 | 28.6 | 16.2 | 12 | 43 | -136 | 17 11 48.715 | -14 09 56.21 | 31.43 | 29a,b,30a,c |
| C183 | C183 | 2003 11 05 12:10 | 0.18 | 12 | 30.6 | 17.4 | 4 | 37 | 31 | 17 12 37.711 | -14 12 43.17 | 31.50 | 29a,b,30a,b,c |
| C184 | C184 | 2003 11 11 20:03 | 0.14 | 191 | 32.2 | 15.0 | 29 | 31 | -93 | 17 13 28.356 | -14 15 16.60 | 31.56 | 29a,b,30a,b,c,31a,c |
| C185 | C185 | 2003 11 18 13:43 | 0.82 | 190 | 33.7 | 16.0 | 13 | 25 | -5 | 17 14 25.071 | -14 17 50.48 | 31.62 | 30a,c,31a,c |
| C186 | P186 | 2004 01 06 00:13 | 0.80 | 3 | 33.4 | 14.1 | 56 | 26 | 152 | 17 21 42.695 | -14 29 57.83 | 31.62 | 31a,c,32a,b,33a,b,c |
| C187 | C187 | 2004 01 06 09:31 | 0.69 | 183 | 33.3 | 17.2 | 4 | 26 | 12 | 17 21 46.051 | -14 29 59.16 | 31.62 | 31a,c,32a,b,33b |
| C188.1 | ---- | 2004 01 09 23:33 | 0.99 | 2 | 32.3 | 14.7 | 36 | 29 | 158 | 17 22 16.502 | -14 30 24.34 | 31.59 | 31a,c,32a,b,33a,b,c |
| C189 | C189 | 2004 01 10 17:35 | 0.36 | 2 | 32.2 | 15.9 | 13 | 30 | -113 | 17 22 22.788 | -14 30 27.38 | 31.59 | 31a,c,32b,33a,b,c |
| C193 | C193 | 2004 01 26 20:41 | 0.08 | 180 | 27.3 | 15.1 | 30 | 46 | -175 | 17 24 28.396 | -14 31 11.31 | 31.43 | 32a,b,33a,b |
| C194 | C194 | 2004 01 28 22:49 | 0.49 | 179 | 26.4 | 17.1 | 5 | 48 | 151 | 17 24 43.028 | -14 31 10.64 | 31.41 | 32a,b,33b |
| C198 | P198 | 2004 01 31 11:10 | 0.52 | 359 | 25.6 | 16.2 | 12 | 50 | -37 | 17 25 00.160 | -14 31 08.08 | 31.37 | 32a,b,33b,c |
| C200 | C200 | 2004 02 03 18:15 | 0.62 | 178 | 24.1 | 17.9 | 3 | 53 | -146 | 17 25 21.657 | -14 31 02.36 | 31.33 | 32a,b |
| C201 | C201 | 2004 02 07 21:29 | 0.16 | 177 | 22.6 | 15.9 | 17 | 57 | 162 | 17 25 47.048 | -14 30 49.91 | 31.28 | 32a,33a,b,c |
| C202 | C202 | 2004 02 09 19:09 | 0.82 | 177 | 21.6 | 16.6 | 9 | 59 | -165 | 17 25 58.095 | -14 30 43.13 | 31.25 | 31c,32b,33b,c |
| C205 | C205 | 2004 02 13 17:21 | 0.48 | 176 | 20.1 | 16.7 | 9 | 63 | -142 | 17 26 19.612 | -14 30 24.46 | 31.19 | 31a,c,32a,b,33b |
| C208.1 | ---- | 2004 02 23 09:58 | 0.08 | 355 | 15.3 | 14.5 | 63 | 72 | -41 | 17 27 04.894 | -14 29 25.86 | 31.05 | 31a,c,32a |
| C208.2 | ---- | 2004 02 23 17:33 | 0.22 | 352 | 15.2 | 15.8 | 22 | 73 | -155 | 17 27 06.165 | -14 29 23.50 | 31.04 | 31c |
| C208.3 | ---- | 2004 02 26 06:31 | 0.50 | 352 | 14.1 | 16.1 | 18 | 75 | 8 | 17 27 16.010 | -14 29 03.27 | 31.00 | 31a,c,32a |
| C209.1 | ---- | 2004 03 06 01:25 | 0.38 | 346 | 9.6 | 17.2 | 8 | 84 | 76 | 17 27 43.500 | -14 27 47.58 | 30.86 | 31c,32b |
| C210.1 | ---- | 2004 03 10 11:26 | 0.62 | 342 | 7.6 | 16.3 | 20 | 88 | -78 | 17 27 53.420 | -14 27 03.20 | 30.78 | 31a,32a,b |
| C211.1 | ---- | 2004 04 11 09:15 | 0.17 | 18 | 9.0 | 16.6 | 15 | 119 | -77 | 17 27 46.779 | -14 20 59.51 | 30.28 | 30a,b,c,31a,c |
| C212 | C212 | 2004 04 15 02:03 | 0.46 | 17 | 10.7 | 17.0 | 10 | 123 | 27 | 17 27 37.438 | -14 20 17.66 | 30.23 | 31a |
| C213 | C213 | 2004 04 16 10:42 | 0.52 | 16 | 11.1 | 17.6 | 5 | 124 | -104 | 17 27 33.608 | -14 20 01.31 | 30.21 | 30b |
| C214 | C214 | 2004 04 21 10:34 | 0.73 | 13 | 13.2 | 17.5 | 5 | 129 | -107 | 17 27 17.712 | -14 19 06.48 | 30.14 | 30b,31a,c |
| C215 | C215 | 2004 04 25 22:32 | 0.44 | 10 | 14.9 | 17.2 | 7 | 133 | 69 | 17 27 01.104 | -14 18 18.32 | 30.09 | 30a,c,31a |
| C216 | C216 | 2004 05 01 12:43 | 0.40 | 8 | 16.6 | 16.4 | 13 | 139 | -149 | 17 26 37.527 | -14 17 21.28 | 30.02 | 30a,b,c,31a,c |
| C218 | P218 | 2004 05 11 15:05 | 0.70 | 6 | 19.6 | 17.7 | 4 | 148 | 165 | 17 25 47.751 | -14 15 51.10 | 29.93 | 29a,30b,c |
| C219 | C219 | 2004 05 13 12:23 | 0.26 | 185 | 20.0 | 16.0 | 16 | 150 | -156 | 17 25 37.626 | -14 15 35.49 | 29.91 | 29b,30b,c |
| C220 | C220 | 2004 05 15 10:43 | 0.78 | 185 | 20.6 | 16.1 | 14 | 152 | -133 | 17 25 26.954 | -14 15 21.76 | 29.90 | 29a,b,30a,b,c,31a,c |
| C221 | C221 | 2004 05 16 14:44 | 0.77 | 5 | 20.9 | 15.5 | 25 | 153 | 165 | 17 25 20.329 | -14 15 14.74 | 29.89 | 29b,30a,b,c,31a,c |
| C222 | C222 | 2004 05 19 08:33 | 0.55 | 184 | 21.2 | 16.1 | 14 | 156 | -105 | 17 25 04.573 | -14 14 53.95 | 29.87 | 29a,b,30a,b,c,31a,c |
| C222.1 | ---- | 2004 05 19 20:55 | 0.93 | 4 | 21.4 | 17.4 | 5 | 156 | 69 | 17 25 01.570 | -14 14 52.43 | 29.87 | 29b,30b,c |
| C223 | C223 | 2004 05 22 09:25 | 0.87 | 184 | 22.0 | 16.9 | 7 | 158 | -121 | 17 24 46.607 | -14 14 36.74 | 29.85 | 29a,30a,b,c,31a |
| C225 | P225 | 2004 05 25 11:39 | 0.88 | 3 | 22.3 | 15.6 | 22 | 161 | -157 | 17 24 27.817 | -14 14 20.68 | 29.84 | 30c |
| C226 | P226 | 2004 05 25 15:44 | 0.79 | 3 | 22.3 | 17.0 | 7 | 161 | 141 | 17 24 26.778 | -14 14 19.79 | 29.84 | 29b |

| | | | | | | | | | | | | | |
|--------|------|------------------|------|-----|------|------|-----|-----|------|--------------|--------------|-------|-----------------------|
| C227 | C227 | 2004 06 06 08:33 | 0.23 | 181 | 23.5 | 16.2 | 12 | 170 | -123 | 17 23 12.640 | -14 13 39.96 | 29.80 | 29b,30a,b,c |
| C228 | C228 | 2004 06 11 04:52 | 0.08 | 182 | 23.8 | 15.5 | 24 | 171 | -73 | 17 22 41.169 | -14 13 36.09 | 29.80 | 29b,30a,c |
| C228.1 | ---- | 2004 06 13 19:48 | 0.98 | 360 | 23.6 | 14.8 | 41 | 171 | 61 | 17 22 24.112 | -14 13 36.14 | 29.80 | 29b,30a,c |
| C231 | C231 | 2004 06 18 13:30 | 0.73 | 179 | 23.5 | 17.2 | 5 | 169 | 150 | 17 21 53.323 | -14 13 40.39 | 29.81 | 29b,30c |
| C232.1 | ---- | 2004 06 24 04:23 | 0.27 | 358 | 23.1 | 17.1 | 6 | 165 | -78 | 17 21 17.349 | -14 13 57.55 | 29.83 | 30b,c |
| C233 | C233 | 2004 06 24 15:53 | 0.59 | 178 | 23.0 | 16.7 | 8 | 164 | 109 | 17 21 14.306 | -14 13 58.13 | 29.83 | 29a,b,30a,b,c |
| C233.1 | ---- | 2004 07 05 21:03 | 0.70 | 175 | 21.4 | 16.0 | 16 | 155 | 20 | 17 20 06.002 | -14 15 01.60 | 29.89 | 29a,b,30a,c,31a,c |
| C235 | C235 | 2004 07 22 08:18 | 0.83 | 169 | 17.1 | 16.8 | 9 | 139 | -165 | 17 18 39.158 | -14 17 44.77 | 30.05 | 30b |
| C236.1 | ---- | 2004 07 23 09:04 | 0.24 | 168 | 16.9 | 17.6 | 4 | 138 | -178 | 17 18 34.466 | -14 17 59.15 | 30.06 | 30a,b,31c |
| C240.1 | ---- | 2004 08 09 08:43 | 0.14 | 336 | 11.0 | 15.2 | 41 | 122 | 170 | 17 17 31.834 | -14 22 20.04 | 30.28 | 30a,b,c,31a,b,c,32b |
| C241.1 | ---- | 2004 08 14 14:50 | 0.15 | 149 | 9.1 | 17.6 | 6 | 117 | 73 | 17 17 18.871 | -14 23 57.23 | 30.36 | 31c,32b |
| C244.1 | ---- | 2004 09 19 11:58 | 0.33 | 35 | 11.6 | 15.6 | 29 | 83 | 81 | 17 17 24.284 | -14 37 28.15 | 30.96 | 32a,b,33a,b,c,34a,b,c |
| C245.1 | ---- | 2004 09 28 17:26 | 0.59 | 205 | 15.5 | 15.7 | 23 | 74 | -10 | 17 17 52.921 | -14 41 20.70 | 31.11 | 33a,b,c,34a,b |
| C245.2 | ---- | 2004 10 01 18:22 | 0.67 | 204 | 17.0 | 17.4 | 5 | 71 | -27 | 17 18 04.782 | -14 42 38.73 | 31.16 | 33b,34b |
| C245.3 | ---- | 2004 10 03 14:47 | 0.99 | 202 | 17.6 | 16.0 | 17 | 69 | 25 | 17 18 12.501 | -14 43 26.41 | 31.19 | 33a,b,34b,c |
| C246 | C246 | 2004 10 04 12:52 | 0.03 | 198 | 18.0 | 16.7 | 9 | 68 | 53 | 17 18 16.458 | -14 43 50.41 | 31.21 | 33b,c,34b,c |
| C249 | C249 | 2004 10 20 19:19 | 0.04 | 197 | 24.9 | 17.0 | 6 | 53 | -60 | 17 19 43.596 | -14 50 42.92 | 31.45 | 35a,d |
| C251 | C251 | 2004 10 29 01:04 | 0.42 | 13 | 27.7 | 15.7 | 17 | 45 | -154 | 17 20 38.354 | -14 54 04.93 | 31.56 | 35a,c,d,36a,37b |
| C252 | C252 | 2004 11 07 09:57 | 0.60 | 11 | 30.8 | 16.7 | 7 | 36 | 64 | 17 21 48.027 | -14 57 40.84 | 31.66 | 35d,36a,37b |
| C253 | C253 | 2004 11 09 23:42 | 0.17 | 190 | 31.4 | 17.9 | 2 | 34 | -145 | 17 22 08.428 | -14 58 38.43 | 31.69 | 35c,36a |
| C254 | C254 | 2004 11 11 19:17 | 0.37 | 10 | 31.8 | 13.5 | 89 | 32 | -80 | 17 22 23.021 | -14 59 18.04 | 31.70 | 35a,c,d,37b |
| C255 | C255 | 2004 11 13 06:10 | 0.22 | 190 | 32.3 | 16.5 | 8 | 31 | 115 | 17 22 34.913 | -14 59 47.72 | 31.72 | 35a,c,d,36a |
| C256 | C256 | 2004 11 15 01:30 | 0.46 | 10 | 32.8 | 17.9 | 2 | 29 | -177 | 17 22 49.912 | -15 00 26.90 | 31.73 | 35c,37a |
| C257 | C257 | 2004 11 16 01:40 | 0.29 | 190 | 32.9 | 13.8 | 74 | 28 | 180 | 17 22 58.351 | -15 00 47.72 | 31.74 | 35c,d,36a,37a,b |
| C258 | C258 | 2004 11 16 09:39 | 0.98 | 190 | 32.9 | 16.9 | 6 | 28 | 60 | 17 23 01.152 | -15 00 54.04 | 31.74 | 35d |
| C260 | C260 | 2005 01 07 17:45 | 0.10 | 182 | 33.1 | 17.2 | 4 | 26 | -111 | 17 30 51.717 | -15 12 38.65 | 31.78 | 38a,c |
| C261 | C261 | 2005 01 12 16:54 | 0.04 | 180 | 32.0 | 16.6 | 7 | 30 | -103 | 17 31 33.756 | -15 13 02.23 | 31.74 | 37a,38a,d |
| C262 | C262 | 2005 01 14 19:12 | 0.10 | 2 | 31.4 | 17.4 | 4 | 32 | -140 | 17 31 50.976 | -15 13 09.58 | 31.72 | 37a,38a |
| C263 | C263 | 2005 01 18 08:45 | 0.19 | 2 | 30.5 | 16.1 | 12 | 36 | 14 | 17 32 19.734 | -15 13 19.53 | 31.69 | 37a,38a |
| C265.1 | ---- | 2005 01 19 18:52 | 0.39 | 1 | 29.9 | 15.6 | 19 | 37 | -139 | 17 32 30.902 | -15 13 23.20 | 31.68 | 37a,38c,d |
| C267 | C267 | 2005 01 21 21:48 | 0.04 | 180 | 29.4 | 16.3 | 10 | 39 | 175 | 17 32 47.269 | -15 13 24.90 | 31.66 | 37a,38a |
| C268 | C268 | 2005 01 24 20:26 | 0.05 | 0 | 28.4 | 13.9 | 73 | 42 | -168 | 17 33 09.503 | -15 13 27.78 | 31.63 | 37a,38a,c,d |
| C272.1 | ---- | 2005 02 02 02:45 | 0.04 | 4 | 25.3 | 15.7 | 18 | 50 | 90 | 17 34 07.631 | -15 13 21.60 | 31.53 | 37a,38a |
| C274 | C274 | 2005 02 03 05:52 | 0.78 | 178 | 25.0 | 18.2 | 2 | 51 | 42 | 17 34 15.055 | -15 13 17.77 | 31.51 | 37a,38a |
| C275 | C275 | 2005 02 04 07:57 | 0.93 | 178 | 24.7 | 14.0 | 74 | 52 | 9 | 17 34 22.113 | -15 13 14.47 | 31.50 | 37a,38a,c,d |
| C277 | C277 | 2005 02 16 04:07 | 1.00 | 175 | 19.5 | 17.5 | 4 | 64 | 56 | 17 35 30.633 | -15 12 28.07 | 31.34 | 37a,38a |
| C278.1 | ---- | 2005 02 17 15:57 | 0.66 | 355 | 18.9 | 16.7 | 9 | 65 | -123 | 17 35 38.171 | -15 12 21.02 | 31.31 | 37a,38a |
| C278.2 | ---- | 2005 02 21 13:44 | 0.87 | 354 | 16.8 | 15.9 | 20 | 69 | -94 | 17 35 56.535 | -15 11 58.91 | 31.25 | 38a,c |
| C279 | P279 | 2005 02 23 05:25 | 0.21 | 174 | 16.2 | 16.2 | 15 | 71 | 29 | 17 36 03.716 | -15 11 45.96 | 31.23 | 38a,c |
| C284 | C284 | 2005 04 29 19:43 | 0.61 | 188 | 15.1 | 17.9 | 3 | 135 | 110 | 17 36 00.349 | -15 01 35.12 | 30.23 | 36a |
| C286 | C286 | 2005 05 08 03:25 | 0.39 | 185 | 18.1 | 16.1 | 16 | 143 | -14 | 17 35 23.064 | -15 00 32.00 | 30.14 | 35d,37a,b |
| C287 | C287 | 2005 05 09 19:10 | 0.79 | 186 | 18.5 | 16.9 | 8 | 144 | 108 | 17 35 14.855 | -15 00 19.49 | 30.12 | 35a,c,36a |
| C288 | C288 | 2005 05 11 14:36 | 0.68 | 185 | 18.8 | 17.5 | 4 | 146 | 175 | 17 35 05.693 | -15 00 06.71 | 30.10 | 35a,c,d,37a,b |
| C289 | C289 | 2005 05 14 12:45 | 0.88 | 184 | 19.8 | 14.2 | 72 | 149 | -160 | 17 34 50.371 | -14 59 49.87 | 30.08 | 35a,c,d,36a,37a,b |
| C292 | C292 | 2005 05 22 14:18 | 0.56 | 183 | 21.5 | 10.7 | 514 | 156 | 168 | 17 34 04.929 | -14 59 08.44 | 30.02 | 35a,c,d,36a,37b |
| C293 | C293 | 2005 05 25 23:46 | 0.67 | 182 | 22.1 | 15.9 | 17 | 159 | 23 | 17 33 44.772 | -14 58 55.13 | 30.00 | 35a,c,d,36a,37b |
| C295 | C295 | 2005 05 30 03:10 | 0.16 | 181 | 22.6 | 16.4 | 11 | 163 | -32 | 17 33 19.306 | -14 58 42.52 | 29.98 | 35a,c,d,36a,37b |
| C296 | P296 | 2005 05 31 03:10 | 0.93 | 1 | 22.7 | 16.2 | 13 | 164 | -33 | 17 33 13.098 | -14 58 41.15 | 29.98 | 35a,c,36a,37b |
| C297 | C297 | 2005 06 02 08:44 | 0.03 | 4 | 23.2 | 17.8 | 3 | 166 | -119 | 17 32 59.081 | -14 58 37.10 | 29.97 | 35a,d,36a |

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|--------|------|------------------|------|-----|------|------|-----|-----|------|--------------|--------------|-------|-------------------|
| C299 | P299 | 2005 06 06 02:58 | 0.32 | 1 | 23.3 | 16.1 | 14 | 169 | -36 | 17 32 35.055 | -14 58 31.29 | 29.96 | 35d,37b |
| C300.1 | ---- | 2005 06 11 03:48 | 0.74 | 0 | 23.7 | 15.5 | 23 | 171 | -54 | 17 32 02.479 | -14 58 31.75 | 29.96 | 35a,d,36a |
| C303 | C303 | 2005 06 15 04:47 | 0.60 | 179 | 23.8 | 15.6 | 21 | 172 | -73 | 17 31 36.260 | -14 58 35.79 | 29.96 | 35a,c,d,36a,37b |
| C303.1 | ---- | 2005 06 15 17:56 | 0.86 | 359 | 23.8 | 18.0 | 2 | 172 | 89 | 17 31 32.683 | -14 58 38.29 | 29.96 | 35c,36a |
| C304 | C304 | 2005 06 19 05:19 | 0.96 | 178 | 23.5 | 17.7 | 3 | 170 | -85 | 17 31 10.111 | -14 58 43.01 | 29.96 | 35a,d |
| C308 | C308 | 2005 06 24 13:39 | 0.21 | 358 | 23.2 | 17.6 | 4 | 167 | 145 | 17 30 35.684 | -14 59 03.21 | 29.98 | 36a |
| C309.1 | ---- | 2005 07 03 20:04 | 0.82 | 355 | 22.2 | 15.4 | 25 | 159 | 39 | 17 29 37.966 | -14 59 56.72 | 30.02 | 35a,c,d,36a,37a,b |
| C310 | C310 | 2005 07 04 15:28 | 0.84 | 175 | 22.1 | 16.9 | 7 | 158 | 107 | 17 29 33.060 | -15 00 01.10 | 30.02 | 35c,d,37a |
| C312 | C312 | 2005 07 08 18:51 | 0.55 | 174 | 21.2 | 17.6 | 4 | 155 | 53 | 17 29 08.568 | -15 00 32.27 | 30.05 | 37a |
| C313 | P313 | 2005 07 09 01:34 | 0.14 | 174 | 21.1 | 17.3 | 5 | 154 | -49 | 17 29 06.955 | -15 00 35.19 | 30.05 | 35c,36a,37a,b |
| C313.1 | ---- | 2005 07 10 08:31 | 0.78 | 353 | 21.0 | 17.1 | 6 | 153 | -154 | 17 28 59.569 | -15 00 48.12 | 30.06 | 35c,37a,b |
| C313.2 | ---- | 2005 07 11 03:27 | 0.26 | 173 | 20.9 | 14.8 | 44 | 152 | -79 | 17 28 55.059 | -15 00 54.39 | 30.07 | 35c,d,36a,37a,b |
| C315 | C315 | 2005 07 14 04:58 | 0.75 | 173 | 20.0 | 15.5 | 24 | 150 | -105 | 17 28 37.990 | -15 01 21.49 | 30.10 | 37b |
| C315.1 | ---- | 2005 07 15 02:51 | 0.88 | 352 | 19.8 | 15.8 | 20 | 149 | -74 | 17 28 33.089 | -15 01 32.42 | 30.10 | 36a,37a,b |
| C316.1 | ---- | 2005 07 15 17:45 | 0.90 | 352 | 19.7 | 15.6 | 23 | 148 | 62 | 17 28 29.776 | -15 01 39.18 | 30.11 | 36a,37a,b |
| C324 | C324 | 2005 08 02 07:13 | 0.46 | 165 | 14.4 | 18.2 | 3 | 131 | -158 | 17 27 08.527 | -15 05 20.96 | 30.30 | 36a |
| C325 | P325 | 2005 08 02 14:01 | 0.93 | 164 | 14.3 | 15.9 | 21 | 131 | 100 | 17 27 07.451 | -15 05 24.76 | 30.31 | 36a,37a,b |
| C325.1 | ---- | 2005 08 05 20:36 | 0.92 | 342 | 13.3 | 15.8 | 24 | 128 | -2 | 17 26 55.698 | -15 06 18.87 | 30.35 | 36a,37a |
| C325.3 | ---- | 2005 08 11 18:07 | 0.70 | 157 | 11.2 | 17.0 | 9 | 122 | 29 | 17 26 37.356 | -15 07 55.37 | 30.43 | 36a,37a,b,38a,d |
| C325.4 | ---- | 2005 09 01 07:07 | 0.47 | 100 | 5.4 | 16.6 | 18 | 103 | 174 | 17 26 06.001 | -15 14 33.72 | 30.76 | 37a,38a,c,d,39a |
| C328.1 | ---- | 2005 09 20 03:49 | 0.61 | 215 | 10.5 | 14.2 | 98 | 85 | -155 | 17 26 25.494 | -15 21 34.79 | 31.08 | 38a,c,d,39a,b,c |
| C328.2 | ---- | 2005 09 22 06:05 | 0.06 | 212 | 11.6 | 15.2 | 41 | 83 | 169 | 17 26 30.508 | -15 22 22.69 | 31.12 | 38d,39a,b,40a,b |
| C329 | P329 | 2005 09 25 13:16 | 0.34 | 29 | 12.9 | 16.6 | 12 | 79 | 58 | 17 26 39.663 | -15 23 41.55 | 31.18 | 39a,b,40a,b |
| C330 | P330 | 2005 10 03 02:49 | 0.35 | 202 | 16.1 | 16.6 | 10 | 72 | -153 | 17 27 05.847 | -15 26 38.88 | 31.30 | 39a |
| C331 | C331 | 2005 10 12 22:59 | 0.37 | 18 | 20.7 | 17.1 | 6 | 63 | -105 | 17 27 50.568 | -15 30 29.83 | 31.46 | 39b |
| C332 | C332 | 2005 10 16 01:05 | 0.79 | 16 | 21.7 | 16.2 | 13 | 60 | -139 | 17 28 06.888 | -15 31 42.59 | 31.51 | 40b,41b |
| C333 | C333 | 2005 10 19 14:26 | 0.49 | 195 | 23.4 | 13.3 | 117 | 56 | 17 | 17 28 27.116 | -15 33 02.47 | 31.56 | 40a,41a,b |
| C334 | P334 | 2005 10 20 09:02 | 0.90 | 195 | 23.6 | 16.2 | 13 | 56 | 97 | 17 28 31.703 | -15 33 20.26 | 31.57 | 40a,41a,b |
| C335 | C335 | 2005 10 26 07:46 | 0.50 | 193 | 25.9 | 17.4 | 4 | 50 | 111 | 17 29 08.879 | -15 35 33.96 | 31.65 | 40b,41b |
| C336 | C336 | 2005 10 31 20:39 | 0.63 | 12 | 28.0 | 15.8 | 16 | 45 | -88 | 17 29 46.602 | -15 37 35.20 | 31.72 | 40a,b,41a,b |
| C337 | C337 | 2005 11 02 02:02 | 0.59 | 12 | 28.3 | 16.4 | 10 | 44 | -170 | 17 29 55.357 | -15 38 02.09 | 31.74 | 40a,b,41a,42b,c |
| C338 | C338 | 2005 11 09 14:06 | 0.64 | 190 | 30.5 | 17.0 | 5 | 36 | 2 | 17 30 51.641 | -15 40 36.09 | 31.82 | 41a,b,42b |
| C339 | C339 | 2005 11 10 18:24 | 0.69 | 10 | 30.8 | 13.6 | 89 | 35 | -63 | 17 31 00.836 | -15 41 00.41 | 31.83 | 41a,42b |
| C340 | C340 | 2005 11 12 20:25 | 0.93 | 189 | 31.6 | 13.1 | 118 | 33 | -96 | 17 31 17.453 | -15 41 38.60 | 31.85 | 41a,b,42b |
| C341 | C341 | 2005 11 12 22:57 | 0.40 | 189 | 31.6 | 14.4 | 48 | 33 | -134 | 17 31 18.301 | -15 41 41.18 | 31.85 | 41b |
| C344 | C344 | 2005 11 18 01:22 | 0.71 | 188 | 32.7 | 15.7 | 16 | 28 | -175 | 17 32 00.132 | -15 43 17.33 | 31.90 | 41a,b,42c |
| C346 | C346 | 2005 11 20 22:53 | 0.97 | 188 | 33.4 | 15.9 | 13 | 26 | -141 | 17 32 24.674 | -15 44 09.66 | 31.92 | 41a,b |
| C347 | C347 | 2005 11 21 11:30 | 0.69 | 9 | 33.4 | 16.1 | 12 | 25 | 30 | 17 32 29.145 | -15 44 20.90 | 31.92 | 41a,b,42b |
| C347.1 | ---- | 2006 01 14 09:38 | 0.76 | 1 | 32.2 | 14.2 | 54 | 30 | 7 | 17 40 32.556 | -15 53 44.65 | 31.91 | 44a,b |
| C348 | C348 | 2006 01 14 17:03 | 0.95 | 181 | 32.2 | 15.1 | 27 | 30 | -105 | 17 40 35.130 | -15 53 43.63 | 31.91 | 42b,43a,44a,b |
| C349 | P349 | 2006 01 16 05:28 | 0.35 | 1 | 31.9 | 15.0 | 30 | 31 | 67 | 17 40 47.712 | -15 53 48.71 | 31.90 | 43a,44a,b |
| C351 | C351 | 2006 01 20 11:17 | 0.52 | 180 | 30.5 | 16.3 | 10 | 35 | -24 | 17 41 21.943 | -15 53 56.20 | 31.86 | 43a,44b |
| C352 | C352 | 2006 01 20 19:02 | 0.87 | 180 | 30.5 | 14.7 | 40 | 36 | -140 | 17 41 24.496 | -15 53 56.02 | 31.86 | 43a,44a,b |
| C352.1 | ---- | 2006 01 23 07:18 | 0.78 | 1 | 29.8 | 14.0 | 67 | 38 | 33 | 17 41 44.174 | -15 53 59.78 | 31.83 | 43a,44a,b |
| C353 | C353 | 2006 01 24 06:14 | 0.80 | 180 | 29.4 | 14.9 | 34 | 39 | 48 | 17 41 51.522 | -15 53 59.22 | 31.82 | 43a,44a,b |
| C354 | C354 | 2006 02 01 19:15 | 0.60 | 179 | 26.4 | 15.1 | 30 | 47 | -155 | 17 42 53.645 | -15 53 52.41 | 31.73 | 44a,b |
| C355 | P355 | 2006 02 03 11:55 | 0.34 | 358 | 25.9 | 16.5 | 9 | 49 | -47 | 17 43 05.187 | -15 53 48.92 | 31.71 | 44b |
| C356 | P356 | 2006 02 04 22:45 | 0.12 | 360 | 25.3 | 15.3 | 26 | 50 | 149 | 17 43 14.898 | -15 53 45.55 | 31.69 | 42b,43a,44a,b |
| C356.1 | ---- | 2006 02 05 14:45 | 0.81 | 359 | 25.0 | 14.1 | 69 | 51 | -91 | 17 43 19.280 | -15 53 44.92 | 31.68 | 43a,44a,b |

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|--------|------|------------------|------|-----|------|------|-----|-----|------|--------------|--------------|-------|---------------------|
| C356.3 | ---- | 2006 02 17 07:20 | 0.60 | 356 | 20.1 | 16.5 | 11 | 62 | 9 | 17 44 28.204 | -15 52 58.03 | 31.52 | 42b |
| C357.1 | ---- | 2006 02 24 13:49 | 0.60 | 355 | 16.6 | 15.5 | 28 | 70 | -96 | 17 45 03.249 | -15 52 17.13 | 31.41 | 42b |
| C357.2 | ---- | 2006 02 27 11:44 | 0.00 | 223 | 15.2 | 14.3 | 73 | 72 | -67 | 17 45 15.394 | -15 51 57.76 | 31.36 | 42b,43a |
| C359.1 | ---- | 2006 03 13 05:42 | 0.77 | 345 | 8.5 | 15.2 | 49 | 86 | 10 | 17 45 58.163 | -15 50 14.19 | 31.14 | 42b,43a |
| C362.1 | ---- | 2006 04 04 17:45 | 0.84 | 214 | 4.2 | 15.6 | 52 | 108 | 167 | 17 46 13.476 | -15 46 58.05 | 30.77 | 41a,43a |
| C363 | C363 | 2006 04 10 06:43 | 0.11 | 201 | 6.4 | 15.5 | 43 | 113 | -33 | 17 46 06.809 | -15 46 10.01 | 30.69 | 41a,43c |
| C365 | C365 | 2006 04 19 14:60 | 0.35 | 193 | 10.4 | 14.8 | 59 | 122 | -166 | 17 45 46.812 | -15 44 52.85 | 30.55 | 41a |
| C367 | C367 | 2006 04 30 18:40 | 0.49 | 6 | 14.8 | 17.6 | 5 | 133 | 128 | 17 45 09.685 | -15 43 32.77 | 30.41 | 42b |
| C368 | C368 | 2006 04 30 23:52 | 0.28 | 187 | 14.9 | 16.0 | 19 | 134 | 49 | 17 45 08.829 | -15 43 30.60 | 30.40 | 41a,b |
| C368.1 | ---- | 2006 05 01 17:38 | 0.69 | 7 | 15.2 | 15.1 | 39 | 134 | 142 | 17 45 05.834 | -15 43 26.56 | 30.40 | 41a,b,42b |
| C369 | C369 | 2006 05 03 05:36 | 0.12 | 187 | 15.5 | 16.8 | 9 | 136 | -39 | 17 44 59.659 | -15 43 15.23 | 30.38 | 41a,b,42b |
| C371 | C371 | 2006 05 06 01:57 | 0.54 | 184 | 16.5 | 15.2 | 36 | 138 | 13 | 17 44 47.431 | -15 42 58.13 | 30.35 | 41a,b,42b |
| C372 | C372 | 2006 05 08 07:45 | 0.98 | 185 | 17.3 | 15.3 | 32 | 141 | -76 | 17 44 37.166 | -15 42 45.31 | 30.32 | 41a,b,42b |
| C374 | C374 | 2006 05 13 19:16 | 0.13 | 183 | 19.0 | 14.8 | 45 | 146 | 105 | 17 44 10.400 | -15 42 18.93 | 30.27 | 41a,b |
| C375.1 | ---- | 2006 05 22 10:02 | 0.81 | 2 | 20.9 | 15.9 | 17 | 154 | -125 | 17 43 23.592 | -15 41 46.49 | 30.20 | 41b |
| C377 | C377 | 2006 05 29 00:47 | 0.89 | 1 | 22.1 | 15.3 | 28 | 160 | 7 | 17 42 44.559 | -15 41 31.88 | 30.16 | 41b |
| C378 | C378 | 2006 05 30 02:09 | 0.11 | 181 | 22.2 | 15.7 | 19 | 161 | -14 | 17 42 38.153 | -15 41 29.27 | 30.16 | 41a,42b |
| C378.1 | ---- | 2006 05 31 06:12 | 0.51 | 0 | 22.5 | 15.5 | 24 | 162 | -76 | 17 42 31.012 | -15 41 29.20 | 30.15 | 41a |
| C379 | C379 | 2006 05 31 16:07 | 0.56 | 180 | 22.6 | 14.7 | 43 | 163 | 135 | 17 42 28.465 | -15 41 28.04 | 30.15 | 41a,b,42b |
| C382 | C382 | 2006 06 06 08:11 | 0.34 | 179 | 23.2 | 15.9 | 17 | 167 | -112 | 17 41 52.863 | -15 41 26.41 | 30.13 | 41a,b |
| C384 | C384 | 2006 06 08 09:34 | 0.32 | 180 | 23.5 | 16.9 | 7 | 169 | -135 | 17 41 39.713 | -15 41 28.86 | 30.13 | 41b,42b |
| C384.1 | ---- | 2006 06 09 00:48 | 0.84 | 359 | 23.6 | 13.8 | 83 | 169 | -4 | 17 41 35.620 | -15 41 30.50 | 30.13 | 41a,b,42b |
| C384.2 | ---- | 2006 06 12 13:59 | 0.46 | 358 | 23.5 | 13.7 | 95 | 171 | 154 | 17 41 12.760 | -15 41 34.41 | 30.12 | 41a,b |
| C384.3 | ---- | 2006 06 13 18:50 | 0.52 | 358 | 23.7 | 14.9 | 36 | 172 | 80 | 17 41 04.987 | -15 41 37.78 | 30.12 | 41a,b,42b |
| C385 | C385 | 2006 06 22 22:25 | 0.89 | 178 | 23.6 | 14.5 | 52 | 170 | 18 | 17 40 05.554 | -15 42 06.43 | 30.13 | 41a,b,42b |
| C385.1 | ---- | 2006 06 27 15:17 | 0.04 | 355 | 23.4 | 14.9 | 38 | 167 | 120 | 17 39 35.435 | -15 42 32.25 | 30.14 | 41a,b |
| C387 | C387 | 2006 07 01 19:30 | 0.94 | 175 | 22.7 | 15.3 | 29 | 163 | 52 | 17 39 09.135 | -15 42 56.29 | 30.16 | 41a,b,42b,c |
| C387.1 | ---- | 2006 07 03 01:26 | 0.49 | 355 | 22.7 | 15.1 | 32 | 162 | -38 | 17 39 01.416 | -15 43 07.24 | 30.17 | 41a,b |
| C389 | P389 | 2006 07 07 08:41 | 0.22 | 354 | 21.9 | 15.9 | 17 | 158 | -151 | 17 38 35.168 | -15 43 38.70 | 30.19 | 41b,42b |
| C391.2 | ---- | 2006 07 13 10:35 | 0.38 | 353 | 20.7 | 16.5 | 10 | 153 | 174 | 17 37 59.705 | -15 44 33.36 | 30.23 | 41a,b |
| C392.1 | ---- | 2006 07 17 02:14 | 0.53 | 353 | 20.1 | 17.3 | 5 | 149 | -64 | 17 37 39.481 | -15 45 12.11 | 30.26 | 41b,42b |
| C393 | P393 | 2006 07 19 10:36 | 0.45 | 172 | 19.3 | 16.1 | 15 | 147 | 168 | 17 37 26.903 | -15 45 35.44 | 30.28 | 42b |
| C393.1 | ---- | 2006 07 21 07:08 | 0.20 | 171 | 18.9 | 15.2 | 33 | 145 | -142 | 17 37 17.341 | -15 45 57.45 | 30.30 | 43a |
| C395 | P395 | 2006 07 26 12:00 | 0.60 | 169 | 17.4 | 13.4 | 128 | 140 | 140 | 17 36 51.785 | -15 47 00.43 | 30.36 | 41a,43a |
| C396 | P396 | 2006 07 27 07:53 | 0.90 | 168 | 17.2 | 16.1 | 16 | 140 | -159 | 17 36 47.959 | -15 47 11.25 | 30.37 | 41a,42b |
| C396.1 | ---- | 2006 07 27 21:48 | 0.84 | 168 | 17.1 | 16.5 | 12 | 139 | -8 | 17 36 45.315 | -15 47 19.36 | 30.37 | 42b |
| C398.1 | ---- | 2006 08 03 21:19 | 0.56 | 344 | 14.8 | 14.8 | 53 | 132 | -8 | 17 36 15.825 | -15 48 59.02 | 30.46 | 42b |
| C398.2 | ---- | 2006 08 04 13:49 | 0.74 | 345 | 14.6 | 16.6 | 12 | 132 | 104 | 17 36 13.169 | -15 49 09.69 | 30.46 | 42b,43a |
| C403.1 | ---- | 2006 09 15 23:22 | 0.09 | 48 | 8.0 | 14.0 | 124 | 91 | -82 | 17 35 17.375 | -16 02 14.77 | 31.13 | 44a,b,45a,c |
| C405.1 | ---- | 2006 09 26 10:09 | 0.28 | 208 | 12.0 | 13.0 | 204 | 81 | 106 | 17 35 39.247 | -16 05 58.72 | 31.31 | 44a,b,45a,c |
| C406.1 | ---- | 2006 10 05 15:19 | 0.19 | 201 | 16.3 | 15.5 | 28 | 72 | 20 | 17 36 10.402 | -16 09 17.20 | 31.47 | 45a,46a,d |
| C408 | C408 | 2006 10 20 08:31 | 0.22 | 194 | 22.4 | 16.6 | 9 | 58 | 108 | 17 37 21.566 | -16 14 29.91 | 31.70 | 45a |
| C409 | C409 | 2006 10 22 17:15 | 0.09 | 12 | 23.5 | 15.3 | 28 | 56 | -26 | 17 37 35.248 | -16 15 17.72 | 31.74 | 45a,c,46a,b,d,47a,b |
| C410 | C410 | 2006 10 22 21:29 | 0.24 | 13 | 23.6 | 17.4 | 4 | 56 | -89 | 17 37 36.299 | -16 15 21.38 | 31.74 | 46a |
| C411 | C411 | 2006 10 23 07:48 | 0.37 | 193 | 23.8 | 16.9 | 7 | 55 | 116 | 17 37 38.887 | -16 15 29.41 | 31.74 | 46a |
| C413 | C413 | 2006 10 28 13:11 | 0.60 | 191 | 25.7 | 15.6 | 21 | 50 | 30 | 17 38 11.666 | -16 17 14.76 | 31.82 | 46a,d,47b |
| C414 | C414 | 2006 10 29 21:43 | 0.75 | 11 | 26.4 | 15.3 | 26 | 49 | -100 | 17 38 20.617 | -16 17 42.13 | 31.83 | 46a,47a |
| C415 | C415 | 2006 10 31 02:41 | 0.22 | 12 | 26.8 | 13.9 | 76 | 48 | -175 | 17 38 28.780 | -16 18 05.47 | 31.85 | 46a,c,47a,b |
| C416 | C416 | 2006 10 31 16:47 | 0.56 | 11 | 26.9 | 16.6 | 9 | 47 | -27 | 17 38 32.794 | -16 18 17.58 | 31.86 | 46a |

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|--------|------|------------------|------|-----|------|------|-----|-----|------|--------------|--------------|-------|---------------------|
| C418 | C418 | 2006 11 06 18:37 | 0.98 | 190 | 29.0 | 11.9 | 241 | 41 | -61 | 17 39 16.025 | -16 20 10.72 | 31.93 | 46a,d,47a |
| C419 | C419 | 2006 11 08 23:00 | 0.30 | 9 | 29.5 | 16.3 | 11 | 39 | -128 | 17 39 32.281 | -16 20 52.71 | 31.96 | 46a,b,d,47a,b |
| C420 | C420 | 2006 11 10 05:58 | 0.96 | 189 | 29.9 | 16.2 | 11 | 38 | 126 | 17 39 42.073 | -16 21 13.98 | 31.97 | 46a,d,47a,b |
| C422 | C422 | 2006 11 14 21:03 | 0.57 | 8 | 31.2 | 15.0 | 30 | 34 | -105 | 17 40 18.357 | -16 22 36.91 | 32.02 | 46a,d,47a,b,48a,b |
| C423 | C423 | 2006 11 15 00:11 | 0.79 | 188 | 31.2 | 15.4 | 21 | 34 | -152 | 17 40 19.413 | -16 22 37.79 | 32.02 | 46a,c,47a,b,48b |
| C425 | C425 | 2006 11 18 06:23 | 0.34 | 8 | 32.3 | 14.3 | 50 | 30 | 112 | 17 40 45.836 | -16 23 31.84 | 32.05 | 46a,c,47a,b,48a,b |
| C426 | C426 | 2006 11 20 10:44 | 0.53 | 8 | 32.7 | 16.9 | 6 | 28 | 45 | 17 41 03.977 | -16 24 08.28 | 32.07 | 47b,48b |
| C427 | C427 | 2006 11 21 20:01 | 0.75 | 187 | 32.9 | 15.7 | 16 | 27 | -96 | 17 41 15.614 | -16 24 29.12 | 32.08 | 47a,48a,b |
| C428 | P428 | 2007 01 13 22:33 | 0.49 | 1 | 32.9 | 16.0 | 13 | 27 | 176 | 17 49 11.585 | -16 32 33.56 | 32.10 | 48a,49a |
| C429 | C429 | 2007 01 15 17:22 | 0.61 | 181 | 32.6 | 17.7 | 3 | 28 | -108 | 17 49 26.688 | -16 32 36.32 | 32.09 | 48b,49b |
| C429.1 | ---- | 2007 01 22 16:02 | 0.57 | 0 | 30.6 | 16.7 | 7 | 35 | -95 | 17 50 23.372 | -16 32 45.05 | 32.03 | 48b,49b |
| C430 | C430 | 2007 01 22 19:52 | 0.25 | 180 | 30.6 | 15.6 | 18 | 35 | -153 | 17 50 24.639 | -16 32 44.37 | 32.03 | 48a,b,49a,b |
| C431 | P431 | 2007 01 28 01:41 | 0.35 | 360 | 29.0 | 16.9 | 6 | 40 | 115 | 17 51 05.021 | -16 32 42.11 | 31.98 | 48a,b |
| C432 | C432 | 2007 01 28 21:48 | 0.81 | 180 | 28.7 | 16.7 | 7 | 41 | 173 | 17 51 11.301 | -16 32 40.50 | 31.97 | 48a,b,49a,b |
| C432.1 | ---- | 2007 01 30 16:34 | 0.38 | 359 | 27.9 | 16.4 | 10 | 43 | -110 | 17 51 24.385 | -16 32 40.09 | 31.95 | 48a,49a |
| C433 | C433 | 2007 01 31 18:03 | 0.85 | 179 | 27.6 | 14.7 | 40 | 44 | -134 | 17 51 32.028 | -16 32 36.75 | 31.94 | 48a,49a |
| C434 | C434 | 2007 02 01 10:03 | 0.05 | 175 | 27.4 | 11.7 | 276 | 45 | -14 | 17 51 36.784 | -16 32 35.89 | 31.93 | 48a,b,49a |
| C435 | P435 | 2007 02 03 08:24 | 0.34 | 359 | 26.9 | 13.3 | 112 | 46 | 9 | 17 51 50.411 | -16 32 31.66 | 31.91 | 48a,49a,b |
| C436 | C436 | 2007 02 05 04:04 | 0.84 | 179 | 26.0 | 17.2 | 5 | 48 | 72 | 17 52 02.928 | -16 32 27.02 | 31.89 | 48a,b,49b |
| C436.1 | ---- | 2007 02 06 13:28 | 0.08 | 358 | 25.4 | 14.4 | 53 | 50 | -70 | 17 52 12.229 | -16 32 24.25 | 31.87 | 48a,b,49a |
| C437 | C437 | 2007 02 07 01:21 | 0.52 | 177 | 25.2 | 16.1 | 13 | 50 | 111 | 17 52 15.487 | -16 32 21.96 | 31.86 | 48a,49a |
| C438 | C438 | 2007 02 13 00:23 | 0.37 | 177 | 22.8 | 14.0 | 78 | 56 | 120 | 17 52 52.997 | -16 32 01.07 | 31.78 | 48b,49a,b |
| C441 | P441 | 2007 02 20 15:08 | 0.43 | 175 | 19.6 | 15.6 | 23 | 63 | -109 | 17 53 35.265 | -16 31 24.47 | 31.68 | 48a,49b |
| C443 | C443 | 2007 03 03 01:25 | 0.57 | 173 | 14.5 | 16.2 | 16 | 73 | 87 | 17 54 22.094 | -16 30 23.26 | 31.52 | 47b,48a,b,49b |
| C445.1 | ---- | 2007 03 12 21:23 | 0.20 | 348 | 9.8 | 16.2 | 20 | 83 | 138 | 17 54 53.525 | -16 29 14.80 | 31.36 | 47a,b,48a,b |
| C445.2 | ---- | 2007 03 15 00:16 | 0.89 | 169 | 8.6 | 15.7 | 31 | 85 | 92 | 17 54 58.691 | -16 28 59.00 | 31.32 | 47a,b,48a |
| C445.3 | ---- | 2007 03 18 12:02 | 0.36 | 163 | 7.0 | 14.4 | 99 | 89 | -88 | 17 55 05.727 | -16 28 33.06 | 31.26 | 47a,b,48a,49b |
| C445.4 | ---- | 2007 03 22 12:43 | 0.07 | 157 | 4.7 | 15.9 | 36 | 93 | -102 | 17 55 11.938 | -16 28 03.86 | 31.20 | 47a,48a |
| C447 | C447 | 2007 04 22 07:22 | 0.63 | 188 | 10.4 | 16.9 | 10 | 123 | -52 | 17 54 47.715 | -16 24 22.29 | 30.72 | 47a,48b |
| C448 | C448 | 2007 04 26 02:57 | 0.26 | 188 | 11.9 | 15.8 | 24 | 126 | 10 | 17 54 36.351 | -16 23 59.62 | 30.67 | 47a,b,48a,b |
| C449 | C449 | 2007 04 27 20:05 | 0.23 | 6 | 12.5 | 15.7 | 28 | 128 | 112 | 17 54 30.801 | -16 23 50.65 | 30.64 | 46a,47a,b,48a,b |
| C450 | C450 | 2007 04 30 02:03 | 0.29 | 185 | 13.6 | 14.2 | 83 | 130 | 20 | 17 54 22.965 | -16 23 39.42 | 30.62 | 47a,b,48a,b |
| C451 | C451 | 2007 05 01 04:33 | 0.32 | 6 | 14.0 | 15.1 | 43 | 131 | -19 | 17 54 18.875 | -16 23 34.08 | 30.60 | 46a,47b,48a |
| C452 | C452 | 2007 05 03 07:05 | 0.02 | 0 | 14.5 | 15.6 | 27 | 133 | -59 | 17 54 10.822 | -16 23 22.49 | 30.58 | 47a |
| C452.1 | ---- | 2007 05 04 08:59 | 0.51 | 4 | 15.0 | 16.2 | 15 | 134 | -88 | 17 54 06.550 | -16 23 18.34 | 30.56 | 47a |
| C455 | C455 | 2007 05 10 19:32 | 0.05 | 182 | 17.1 | 16.1 | 16 | 141 | 107 | 17 53 38.502 | -16 22 51.70 | 30.49 | 46a,47a,48a,b |
| C456.1 | ---- | 2007 05 13 17:04 | 0.75 | 3 | 18.3 | 16.8 | 9 | 143 | 141 | 17 53 24.602 | -16 22 43.77 | 30.47 | 46a,d,47a,b,48a,b |
| C456.2 | ---- | 2007 05 14 05:49 | 0.51 | 3 | 18.4 | 17.4 | 5 | 144 | -51 | 17 53 21.969 | -16 22 41.59 | 30.46 | 46a,47a |
| C457 | C457 | 2007 05 16 03:14 | 0.63 | 182 | 18.7 | 16.5 | 11 | 146 | -14 | 17 53 12.477 | -16 22 34.25 | 30.44 | 46a,b,d,48a,b |
| C457.1 | ---- | 2007 05 17 11:02 | 0.88 | 1 | 19.1 | 15.5 | 26 | 147 | -132 | 17 53 05.685 | -16 22 33.00 | 30.43 | 46a,c,47a,48a,b |
| C461 | C461 | 2007 06 01 09:38 | 0.98 | 180 | 22.5 | 13.6 | 99 | 161 | -126 | 17 51 40.599 | -16 22 17.87 | 30.33 | 46c,d,47a,48a |
| C463.1 | ---- | 2007 06 09 09:21 | 0.90 | 359 | 23.3 | 16.7 | 8 | 168 | -130 | 17 50 50.685 | -16 22 30.00 | 30.30 | 46a |
| C464 | C464 | 2007 06 10 04:35 | 0.18 | 179 | 23.3 | 15.9 | 17 | 169 | -59 | 17 50 45.585 | -16 22 30.38 | 30.30 | 46a,47a |
| C465.1 | ---- | 2007 06 12 14:35 | 0.95 | 358 | 23.6 | 15.4 | 24 | 170 | 148 | 17 50 30.156 | -16 22 38.97 | 30.30 | 46a,c,d,47a,b,48a |
| C467 | C467 | 2007 06 13 20:01 | 0.23 | 178 | 23.8 | 13.7 | 93 | 171 | 65 | 17 50 22.224 | -16 22 42.09 | 30.29 | 46a,c,d,47b,48a |
| C468 | C468 | 2007 06 14 01:14 | 0.46 | 178 | 23.8 | 15.0 | 35 | 171 | -13 | 17 50 20.809 | -16 22 42.55 | 30.29 | 46a,c,47b,48a |
| C473 | C473 | 2007 06 19 07:13 | 0.35 | 177 | 23.8 | 14.2 | 67 | 173 | -108 | 17 49 46.821 | -16 23 02.84 | 30.29 | 46a,c,d,47a,b,48a,b |
| C473.1 | ---- | 2007 06 21 13:34 | 0.74 | 357 | 23.8 | 15.8 | 18 | 173 | 154 | 17 49 32.065 | -16 23 14.41 | 30.29 | 46a,47a,b,48a,b |
| C475 | P475 | 2007 06 23 04:16 | 0.85 | 357 | 23.6 | 17.0 | 6 | 172 | -68 | 17 49 21.627 | -16 23 22.00 | 30.30 | 47b,48b |

| | | | | | | | | | | | | | |
|--------|------|------------------|------|-----|------|------|------|-----|------|--------------|--------------|-------|---------------------|
| C476.1 | ---- | 2007 06 27 00:18 | 0.96 | 356 | 23.7 | 16.6 | 9 | 170 | -12 | 17 48 56.935 | -16 23 45.77 | 30.30 | 46a,48b |
| C479 | P479 | 2007 06 30 00:14 | 0.14 | 356 | 23.2 | 16.4 | 11 | 167 | -14 | 17 48 37.794 | -16 24 03.28 | 30.31 | 47a,b,48b |
| C480 | P480 | 2007 06 30 09:43 | 0.08 | 355 | 23.1 | 16.1 | 14 | 167 | -157 | 17 48 35.300 | -16 24 06.08 | 30.31 | 47b,48b |
| C483 | C483 | 2007 07 03 21:11 | 0.71 | 175 | 23.0 | 16.1 | 14 | 164 | 28 | 17 48 13.406 | -16 24 32.10 | 30.33 | 47a,48a |
| C486 | C486 | 2007 07 05 23:01 | 0.83 | 174 | 22.5 | 14.8 | 43 | 162 | -2 | 17 48 00.537 | -16 24 47.44 | 30.34 | 47a,b,48a,b |
| C488.1 | ---- | 2007 07 10 23:24 | 0.34 | 174 | 21.9 | 15.2 | 31 | 158 | -13 | 17 47 30.186 | -16 25 32.88 | 30.37 | 47a,48a |
| C488.2 | ---- | 2007 07 11 21:49 | 0.52 | 354 | 21.6 | 12.9 | 162 | 157 | 10 | 17 47 24.675 | -16 25 42.01 | 30.37 | 47a,b,48a,b |
| C488.4 | ---- | 2007 07 14 06:58 | 0.45 | 352 | 21.2 | 15.9 | 17 | 155 | -130 | 17 47 10.889 | -16 26 06.07 | 30.39 | 47a,b |
| C490.1 | ---- | 2007 07 18 02:39 | 0.96 | 353 | 20.3 | 14.9 | 40 | 151 | -69 | 17 46 49.301 | -16 26 46.23 | 30.42 | 47a,b,48a,b |
| C491 | P491 | 2007 07 19 07:22 | 0.74 | 172 | 20.0 | 15.1 | 35 | 150 | -141 | 17 46 42.775 | -16 26 57.60 | 30.43 | 47a,48a |
| C491.1 | ---- | 2007 07 20 02:05 | 0.79 | 351 | 19.9 | 16.8 | 8 | 149 | -62 | 17 46 38.605 | -16 27 08.27 | 30.44 | 47a |
| P494.1 | ---- | 2007 07 28 13:07 | 0.64 | 349 | 17.7 | 15.2 | 35 | 141 | 124 | 17 45 55.865 | -16 28 52.64 | 30.52 | 47a,b,48a,b,49b |
| C495.2 | ---- | 2007 07 31 00:00 | 0.43 | 348 | 16.8 | 16.5 | 11 | 139 | -42 | 17 45 44.534 | -16 29 23.83 | 30.55 | 47a,b,48a,b |
| C495.3 | ---- | 2007 07 31 13:29 | 0.17 | 347 | 16.6 | 13.8 | 104 | 138 | 115 | 17 45 42.036 | -16 29 31.04 | 30.56 | 47a,b,48a,b,49b |
| C495.4 | ---- | 2007 08 01 01:28 | 0.83 | 347 | 16.4 | 16.7 | 10 | 138 | -65 | 17 45 39.858 | -16 29 38.55 | 30.56 | 47a,b,48a,b,49b |
| C498 | C498 | 2007 08 04 09:38 | 0.05 | 167 | 15.5 | 15.1 | 38 | 135 | 169 | 17 45 25.695 | -16 30 26.01 | 30.60 | 48b |
| C499.1 | ---- | 2007 08 08 08:39 | 0.68 | 163 | 14.1 | 15.5 | 30 | 131 | 180 | 17 45 10.356 | -16 31 22.82 | 30.65 | 48b,49b |
| C499.2 | ---- | 2007 08 08 17:58 | 0.63 | 343 | 14.0 | 16.1 | 17 | 130 | 40 | 17 45 08.972 | -16 31 30.20 | 30.66 | 48a,b,49a,b |
| C502.1 | ---- | 2007 09 01 16:08 | 0.71 | 301 | 5.5 | 16.6 | 18 | 107 | 43 | 17 44 14.818 | -16 38 14.52 | 31.02 | 49a,b,50b |
| C507 | C507 | 2007 09 27 15:50 | 0.18 | 28 | 11.5 | 9.2 | 1426 | 82 | 22 | 17 44 38.493 | -16 46 36.02 | 31.47 | 50a,51c,d |
| C510 | C510 | 2007 10 04 18:24 | 0.02 | 29 | 14.7 | 16.4 | 14 | 75 | -23 | 17 45 00.447 | -16 48 56.08 | 31.59 | 50a,b,51c,d |
| C511 | C511 | 2007 10 07 06:19 | 0.72 | 19 | 15.5 | 16.5 | 12 | 73 | 156 | 17 45 09.635 | -16 49 46.51 | 31.63 | 50a,b |
| C514 | P514 | 2007 10 14 09:53 | 0.64 | 195 | 18.8 | 15.7 | 22 | 66 | 95 | 17 45 40.355 | -16 52 03.05 | 31.75 | 50a,b,51c |
| C515 | C515 | 2007 10 19 10:52 | 0.85 | 14 | 20.9 | 16.4 | 11 | 61 | 76 | 17 46 05.705 | -16 53 40.26 | 31.83 | 50a,51c,52a |
| C516 | C516 | 2007 10 24 03:42 | 0.08 | 13 | 23.1 | 15.5 | 24 | 57 | 179 | 17 46 31.941 | -16 55 05.46 | 31.90 | 51c,52d |
| C518 | P518 | 2007 10 25 14:57 | 0.94 | 192 | 23.5 | 12.0 | 254 | 55 | 8 | 17 46 40.632 | -16 55 31.91 | 31.92 | 51c,d,52a,b,d |
| C519 | C519 | 2007 10 28 06:37 | 0.29 | 11 | 24.6 | 16.0 | 15 | 53 | 131 | 17 46 56.799 | -16 56 19.47 | 31.95 | 51c,d,52a |
| C520 | C520 | 2007 10 30 22:42 | 0.56 | 11 | 25.7 | 15.8 | 17 | 50 | -113 | 17 47 13.940 | -16 57 07.24 | 31.99 | 51c,52a,d |
| C523 | C523 | 2007 11 05 17:34 | 1.00 | 189 | 27.8 | 14.3 | 55 | 45 | -41 | 17 47 53.324 | -16 58 43.63 | 32.07 | 51c,52a,b |
| C524 | C524 | 2007 11 07 10:30 | 0.67 | 189 | 28.2 | 14.7 | 39 | 43 | 63 | 17 48 05.513 | -16 59 12.91 | 32.09 | 51c,d,52a,b,d,53d |
| C525 | C525 | 2007 11 08 03:22 | 0.57 | 9 | 28.4 | 14.9 | 35 | 42 | 169 | 17 48 10.572 | -16 59 25.52 | 32.09 | 51c,d,52a,d,53d |
| C526 | C526 | 2007 11 08 21:57 | 0.61 | 8 | 28.7 | 16.6 | 8 | 42 | -110 | 17 48 16.216 | -16 59 37.69 | 32.10 | 51d |
| C527 | C527 | 2007 11 14 03:27 | 0.04 | 8 | 30.3 | 15.8 | 16 | 37 | 162 | 17 48 55.819 | -17 00 59.14 | 32.16 | 51c,52a,d,53a,b,c,d |
| C528 | C528 | 2007 11 14 13:09 | 0.80 | 188 | 30.4 | 16.8 | 6 | 36 | 17 | 17 48 58.958 | -17 01 04.35 | 32.17 | 52a |
| C529 | C529 | 2007 11 17 18:29 | 0.89 | 187 | 31.5 | 15.9 | 14 | 33 | -67 | 17 49 24.470 | -17 01 50.60 | 32.20 | 52a,d,53a,c,54a |
| C530 | C530 | 2007 11 21 09:11 | 0.41 | 6 | 32.2 | 16.8 | 6 | 30 | 69 | 17 49 53.877 | -17 02 43.95 | 32.23 | 52a,d,53c |
| C531 | C531 | 2007 11 23 20:40 | 0.91 | 186 | 33.0 | 15.1 | 27 | 27 | -105 | 17 50 14.550 | -17 03 14.99 | 32.25 | 52a,b,d,53a,b,c,54a |
| C535.1 | ---- | 2008 01 14 12:30 | 0.89 | 1 | 33.3 | 16.0 | 13 | 25 | -32 | 17 57 57.278 | -17 09 37.61 | 32.29 | 53c,d,54d |
| C537 | C537 | 2008 01 16 13:18 | 0.16 | 181 | 32.7 | 16.3 | 10 | 27 | -46 | 17 58 14.573 | -17 09 39.98 | 32.28 | 53a,54b |
| C537.1 | ---- | 2008 01 18 09:32 | 0.21 | 1 | 32.3 | 16.1 | 11 | 29 | 9 | 17 58 29.976 | -17 09 41.17 | 32.26 | 53a,54a |
| C538 | C538 | 2008 01 24 16:59 | 0.47 | 179 | 30.6 | 15.4 | 23 | 35 | -109 | 17 59 21.292 | -17 09 39.66 | 32.21 | 54c |
| C538.1 | ---- | 2008 01 24 20:38 | 0.54 | 359 | 30.6 | 16.1 | 12 | 35 | -163 | 17 59 22.492 | -17 09 40.45 | 32.21 | 53b,54a |
| C538.2 | ---- | 2008 01 25 08:40 | 0.91 | 359 | 30.5 | 14.8 | 36 | 35 | 16 | 17 59 26.444 | -17 09 40.06 | 32.21 | 53a,b,c,54b,d |
| C539 | C539 | 2008 01 25 22:45 | 0.45 | 179 | 30.4 | 14.5 | 45 | 36 | 164 | 17 59 31.057 | -17 09 37.83 | 32.20 | 53a,c,54a,b,c,d |
| C540 | C540 | 2008 01 28 07:02 | 0.22 | 180 | 29.6 | 16.7 | 7 | 38 | 37 | 17 59 49.278 | -17 09 35.76 | 32.18 | 53d,54b |
| C543 | C543 | 2008 02 02 10:23 | 0.07 | 177 | 28.0 | 16.7 | 7 | 43 | -18 | 18 00 27.489 | -17 09 25.23 | 32.12 | 53c,d,54a,b |
| C544 | C544 | 2008 02 03 02:58 | 0.64 | 179 | 27.7 | 17.1 | 5 | 44 | 93 | 18 00 32.484 | -17 09 23.27 | 32.12 | 53d,54a,b |
| C546 | C546 | 2008 02 07 22:19 | 0.47 | 178 | 26.0 | 17.3 | 5 | 48 | 158 | 18 01 05.803 | -17 09 08.99 | 32.06 | 54a |
| C547.1 | ---- | 2008 02 10 20:03 | 0.87 | 178 | 24.6 | 13.7 | 90 | 51 | -171 | 18 01 24.965 | -17 08 59.43 | 32.02 | 53a,b,54a |

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|--------|------|------------------|------|-----|------|------|-----|-----|------|--------------|--------------|-------|-----------------------|
| C549 | P549 | 2008 02 20 11:37 | 0.24 | 176 | 20.7 | 16.0 | 16 | 61 | -54 | 18 02 21.972 | -17 08 16.40 | 31.89 | 54a |
| C550 | C550 | 2008 02 24 02:43 | 0.38 | 176 | 18.9 | 17.0 | 7 | 64 | 76 | 18 02 40.810 | -17 07 58.63 | 31.84 | 53a |
| C551 | C551 | 2008 02 26 16:31 | 0.83 | 175 | 17.9 | 15.9 | 19 | 67 | -133 | 18 02 53.143 | -17 07 42.85 | 31.80 | 52a,53a,c,d,54a,b,d |
| C552.1 | ---- | 2008 03 06 06:08 | 0.54 | 354 | 13.7 | 16.5 | 13 | 75 | 14 | 18 03 28.594 | -17 06 53.41 | 31.67 | 53a |
| C553.1 | ---- | 2008 03 12 14:38 | 0.68 | 352 | 10.5 | 13.9 | 119 | 81 | -119 | 18 03 48.756 | -17 06 12.89 | 31.56 | 52a,b,d,53a,b,c,d,54a |
| C553.2 | ---- | 2008 03 14 09:32 | 0.38 | 350 | 9.4 | 15.0 | 53 | 83 | -45 | 18 03 53.451 | -17 06 01.80 | 31.53 | 52a,d,53a,c,d |
| C556 | C556 | 2008 04 24 11:55 | 0.91 | 186 | 10.6 | 17.1 | 9 | 123 | -121 | 18 03 44.703 | -17 01 56.57 | 30.89 | 52a |
| C556.2 | ---- | 2008 05 11 00:40 | 0.18 | 2 | 17.0 | 16.2 | 15 | 140 | 31 | 18 02 43.262 | -17 01 07.78 | 30.68 | 53a |
| C557 | C557 | 2008 05 12 17:34 | 0.01 | 0 | 17.4 | 17.9 | 3 | 141 | 136 | 18 02 35.335 | -17 01 03.91 | 30.67 | 52a |
| C558 | C558 | 2008 05 13 22:57 | 0.01 | 207 | 17.6 | 16.9 | 8 | 142 | 54 | 18 02 29.538 | -17 01 01.55 | 30.65 | 52a,d,53a,d |
| C559 | P559 | 2008 05 20 03:26 | 0.39 | 0 | 19.4 | 16.2 | 14 | 148 | -19 | 18 01 58.292 | -17 00 57.09 | 30.60 | 51c,52d,53b |
| C560 | C560 | 2008 05 26 09:19 | 0.64 | 179 | 20.9 | 14.4 | 61 | 154 | -114 | 18 01 23.933 | -17 00 58.13 | 30.55 | 51c,52a,d,53a,b,c,d |
| C560.3 | ---- | 2008 05 28 21:42 | 0.09 | 359 | 21.6 | 15.2 | 31 | 157 | 58 | 18 01 09.472 | -17 01 02.61 | 30.53 | 51c,52a,53a,c,d |
| C560.4 | ---- | 2008 06 05 00:49 | 0.06 | 0 | 22.8 | 16.2 | 13 | 163 | 4 | 18 00 26.514 | -17 01 17.83 | 30.50 | 51c,53d |
| C562.1 | ---- | 2008 06 07 08:10 | 0.38 | 358 | 23.0 | 12.6 | 186 | 165 | -109 | 18 00 12.098 | -17 01 24.32 | 30.49 | 51c,52a,b,53a,b,d,54 |
| C564 | C564 | 2008 06 11 06:46 | 0.96 | 177 | 23.5 | 16.4 | 10 | 169 | -92 | 17 59 47.267 | -17 01 38.15 | 30.48 | 54a |
| C564.1 | ---- | 2008 06 12 15:21 | 0.05 | 360 | 23.6 | 15.8 | 17 | 170 | 138 | 17 59 38.561 | -17 01 44.80 | 30.48 | 51c,52a,53a,c,54a |
| C565 | C565 | 2008 06 12 23:46 | 0.86 | 178 | 23.6 | 15.4 | 25 | 170 | 11 | 17 59 36.300 | -17 01 45.23 | 30.47 | 54a |
| C567 | P567 | 2008 06 15 06:08 | 0.47 | 357 | 23.5 | 16.6 | 8 | 172 | -86 | 17 59 21.778 | -17 01 55.97 | 30.47 | 52a,53a,54a |
| C567.1 | ---- | 2008 06 16 03:13 | 0.27 | 356 | 23.6 | 15.7 | 20 | 172 | -43 | 17 59 16.154 | -17 02 00.45 | 30.47 | 52a,d,53a,c,d,54a |
| C567.2 | ---- | 2008 06 17 21:54 | 0.15 | 177 | 23.9 | 15.5 | 23 | 173 | 34 | 17 59 04.671 | -17 02 10.35 | 30.47 | 52a,53c,d,54a |
| C569 | C569 | 2008 06 22 10:48 | 0.84 | 176 | 23.7 | 16.9 | 7 | 173 | -163 | 17 58 35.302 | -17 02 35.09 | 30.47 | 52a,53c |
| C570 | C570 | 2008 06 22 19:05 | 0.50 | 175 | 23.7 | 12.7 | 170 | 173 | 72 | 17 58 33.078 | -17 02 37.83 | 30.47 | 52a,b,53a,b,c,54a |
| C571 | C571 | 2008 06 24 10:33 | 0.94 | 176 | 23.9 | 15.8 | 18 | 173 | -162 | 17 58 22.436 | -17 02 49.05 | 30.47 | 52a,53c,54a |
| C576 | C576 | 2008 07 01 21:08 | 0.45 | 175 | 23.4 | 16.4 | 10 | 167 | 32 | 17 57 34.726 | -17 03 44.83 | 30.49 | 52a,54a |
| C577 | P577 | 2008 07 03 02:06 | 0.44 | 175 | 23.2 | 15.7 | 20 | 166 | -44 | 17 57 27.079 | -17 03 54.10 | 30.50 | 52a,d,53a,c,d,54a |
| C580 | P580 | 2008 07 05 11:23 | 0.37 | 174 | 22.9 | 15.1 | 32 | 164 | 175 | 17 57 12.209 | -17 04 14.93 | 30.51 | 52a,d,53a,b,c,d |
| C582 | C582 | 2008 07 07 12:56 | 0.17 | 354 | 22.8 | 15.9 | 16 | 162 | 149 | 17 56 59.431 | -17 04 35.30 | 30.52 | 52a |
| C583.1 | ---- | 2008 07 09 04:20 | 0.16 | 355 | 22.4 | 17.3 | 5 | 161 | -83 | 17 56 49.360 | -17 04 50.03 | 30.53 | 53a,c |
| C583.2 | ---- | 2008 07 11 14:43 | 0.67 | 353 | 21.9 | 15.7 | 21 | 159 | 118 | 17 56 34.792 | -17 05 14.23 | 30.54 | 52a,53a,54a |
| C584.1 | ---- | 2008 07 13 04:20 | 0.69 | 353 | 21.8 | 16.8 | 7 | 157 | -88 | 17 56 25.530 | -17 05 31.32 | 30.55 | 53a |
| C584.2 | ---- | 2008 07 14 22:51 | 0.19 | 173 | 21.5 | 16.8 | 8 | 156 | -7 | 17 56 15.140 | -17 05 48.91 | 30.56 | 52a,d,53d,54a |
| C585.1 | ---- | 2008 07 18 09:56 | 0.79 | 351 | 20.6 | 15.6 | 22 | 152 | -177 | 17 55 55.556 | -17 06 27.61 | 30.59 | 52a,d,53a,c,d,54a |
| C588 | P588 | 2008 07 24 10:59 | 0.59 | 170 | 19.1 | 16.8 | 8 | 147 | 161 | 17 55 23.097 | -17 07 37.84 | 30.64 | 52a,d,53c,54a |
| C595.1 | ---- | 2008 08 13 05:07 | 0.01 | 346 | 12.8 | 16.0 | 21 | 128 | -131 | 17 53 58.545 | -17 12 14.92 | 30.88 | 53a,c,d,54a,d |
| C598.1 | ---- | 2008 08 20 14:44 | 0.43 | 335 | 10.1 | 16.3 | 18 | 120 | 78 | 17 53 37.185 | -17 14 12.97 | 30.98 | 53a,c,d,54a,d,55a |
| C598.2 | ---- | 2008 08 25 04:37 | 0.72 | 327 | 8.2 | 14.9 | 64 | 116 | -135 | 17 53 27.147 | -17 15 27.52 | 31.05 | 53a,c,d,54a,c,d,55a,b |
| C598.3 | ---- | 2008 09 01 02:60 | 0.06 | 129 | 6.0 | 16.1 | 28 | 109 | -118 | 17 53 16.833 | -17 17 25.14 | 31.17 | 55a,b |
| C600.1 | ---- | 2008 09 07 07:19 | 0.10 | 99 | 4.8 | 15.1 | 69 | 103 | 172 | 17 53 12.826 | -17 19 13.04 | 31.27 | 54d,55a,b |
| C601.1 | ---- | 2008 09 30 16:16 | 0.14 | 203 | 11.9 | 14.0 | 104 | 81 | 14 | 17 53 43.066 | -17 26 11.70 | 31.67 | 56a,b,c,d |
| C603 | C603 | 2008 10 05 01:24 | 0.69 | 20 | 13.8 | 15.7 | 25 | 77 | -127 | 17 53 56.760 | -17 27 31.44 | 31.75 | 55a,56a,b,e |
| C604 | C604 | 2008 10 08 12:16 | 0.21 | 198 | 15.6 | 15.0 | 42 | 73 | 67 | 17 54 09.274 | -17 28 29.99 | 31.81 | 55d |
| C605 | C605 | 2008 10 10 14:53 | 0.12 | 18 | 16.4 | 14.3 | 70 | 71 | 26 | 17 54 17.663 | -17 29 08.23 | 31.84 | 55a,b,e,56a,b,c,d,57a |
| C605.1 | ---- | 2008 10 13 07:58 | 0.83 | 195 | 17.6 | 15.5 | 25 | 69 | 127 | 17 54 29.172 | -17 29 53.20 | 31.89 | 55e,56a,b,57a,c,e |
| C606 | C606 | 2008 10 15 13:12 | 0.49 | 15 | 18.7 | 15.3 | 31 | 66 | 46 | 17 54 39.321 | -17 30 32.28 | 31.92 | 55b,e,56b,e,57a,e |
| C607 | C607 | 2008 10 23 18:12 | 0.82 | 191 | 22.0 | 15.9 | 17 | 58 | -37 | 17 55 21.732 | -17 32 48.00 | 32.05 | 56a,e,57a |
| C608 | C608 | 2008 10 24 16:55 | 0.01 | 180 | 22.4 | 14.4 | 59 | 58 | -19 | 17 55 27.061 | -17 33 03.88 | 32.06 | 56a,b,e,57a,c,e |
| C609.1 | ---- | 2008 10 31 17:05 | 0.87 | 9 | 25.2 | 16.5 | 9 | 51 | -28 | 17 56 09.802 | -17 34 53.61 | 32.16 | 56a,57a |
| C610 | C610 | 2008 11 01 10:03 | 0.86 | 189 | 25.6 | 15.7 | 18 | 50 | 77 | 17 56 14.409 | -17 35 02.08 | 32.17 | 56a,57e |

| | | | | | | | | | | | | | |
|--------|------|------------------|------|-----|------|------|-----|-----|------|--------------|--------------|-------|---------------------|
| C611 | P611 | 2008 11 03 19:07 | 0.88 | 9 | 26.6 | 12.4 | 196 | 48 | -61 | 17 56 30.262 | -17 35 39.07 | 32.20 | 56a,b,c,d,e,57a,e |
| C613 | C613 | 2008 11 08 20:43 | 0.57 | 188 | 28.4 | 14.8 | 36 | 43 | -90 | 17 57 05.662 | -17 36 49.49 | 32.27 | 56a,b,c,e,57a,e,58e |
| C614 | C614 | 2008 11 16 02:43 | 0.84 | 187 | 30.6 | 15.2 | 27 | 36 | 173 | 17 58 00.163 | -17 38 25.41 | 32.35 | 56b,57a,c,e,58b,e |
| C615 | C615 | 2008 11 17 00:53 | 0.54 | 7 | 30.8 | 10.7 | 443 | 35 | -160 | 17 58 07.404 | -17 38 38.91 | 32.36 | 56b,57a,e,58a,b,e |
| C616 | C616 | 2008 11 19 08:42 | 0.56 | 185 | 31.2 | 16.4 | 9 | 33 | 80 | 17 58 25.838 | -17 39 06.72 | 32.38 | 58a |
| C617 | C617 | 2008 11 19 16:42 | 0.40 | 6 | 31.4 | 16.4 | 9 | 32 | -40 | 17 58 28.500 | -17 39 11.49 | 32.38 | 57c,58a |
| C618 | C618 | 2008 11 20 03:41 | 0.21 | 185 | 31.5 | 15.9 | 13 | 32 | 155 | 17 58 32.184 | -17 39 16.04 | 32.39 | 57a,58a |
| C618.1 | ---- | 2008 11 26 06:25 | 0.92 | 5 | 33.0 | 14.5 | 45 | 26 | 108 | 17 59 22.758 | -17 40 26.24 | 32.44 | 57a,e,58a |
| C621.1 | ---- | 2009 02 08 11:59 | 0.49 | 358 | 26.1 | 15.7 | 18 | 48 | -46 | 18 09 58.067 | -17 44 03.33 | 32.25 | 57a,c,e,58b,e,59b |
| C623 | C623 | 2009 02 22 09:02 | 0.90 | 176 | 20.2 | 16.3 | 12 | 61 | -15 | 18 11 22.063 | -17 42 59.52 | 32.07 | 57a,58a,b |
| C624 | P624 | 2009 03 02 17:31 | 0.52 | 174 | 16.5 | 14.3 | 69 | 69 | -151 | 18 12 02.185 | -17 42 13.69 | 31.94 | 57e,58b,e |
| C625 | C625 | 2009 03 04 13:12 | 0.70 | 175 | 15.7 | 12.4 | 251 | 71 | -88 | 18 12 09.860 | -17 42 02.83 | 31.91 | 57e,58a,b,e |
| C627 | P627 | 2009 03 21 22:23 | 0.82 | 166 | 6.9 | 15.2 | 53 | 88 | 118 | 18 13 01.266 | -17 40 22.08 | 31.63 | 57a,e,58a,b,e |
| C629 | C629 | 2009 04 21 23:52 | 0.21 | 187 | 8.7 | 15.7 | 32 | 119 | 65 | 18 12 53.542 | -17 37 57.16 | 31.14 | 57a |
| C631 | C631 | 2009 05 12 09:11 | 0.05 | 360 | 16.4 | 14.3 | 74 | 139 | -95 | 18 11 44.375 | -17 37 21.61 | 30.88 | 56b,c,d,e,57e,58a,e |
| C633.1 | ---- | 2009 06 03 12:34 | 0.09 | 358 | 22.2 | 17.2 | 5 | 160 | -168 | 18 09 47.050 | -17 38 02.35 | 30.70 | 57a,58a |
| C635.1 | ---- | 2009 06 17 19:40 | 0.45 | 356 | 23.8 | 13.9 | 82 | 172 | 71 | 18 08 17.646 | -17 39 16.17 | 30.65 | 57a,c,e,58e |
| C637.1 | ---- | 2009 06 26 11:29 | 0.30 | 355 | 23.7 | 16.9 | 7 | 173 | -175 | 18 07 21.709 | -17 40 17.34 | 30.66 | 57c,58a,b |
| C641 | P641 | 2009 07 15 14:00 | 0.36 | 172 | 21.7 | 16.4 | 11 | 158 | 127 | 18 05 22.711 | -17 43 20.88 | 30.73 | 57e,58e,59b,c |
| C641.1 | ---- | 2009 07 20 00:42 | 0.12 | 174 | 21.0 | 16.2 | 13 | 153 | -37 | 18 04 57.185 | -17 44 13.61 | 30.77 | 57a,c,e,58b,e,59b,c |
| C644.1 | ---- | 2009 08 07 22:37 | 0.19 | 347 | 15.7 | 16.3 | 14 | 135 | -25 | 18 03 24.407 | -17 48 23.00 | 30.96 | 58a,b,e,59a,c,e |
| C648.1 | ---- | 2009 08 19 00:07 | 0.77 | 159 | 11.6 | 16.8 | 10 | 124 | -59 | 18 02 45.465 | -17 51 06.33 | 31.11 | 58a,b,59a |
| C648.2 | ---- | 2009 08 20 04:00 | 0.50 | 339 | 11.2 | 16.9 | 10 | 123 | -118 | 18 02 42.151 | -17 51 25.91 | 31.13 | 59a |
| C651.1 | ---- | 2009 09 25 03:37 | 0.24 | 213 | 8.4 | 11.8 | 487 | 89 | -148 | 18 02 22.332 | -18 01 09.04 | 31.72 | 60a,b,c,61a,b,c |
| C653 | C653 | 2009 10 05 11:44 | 0.19 | 19 | 12.8 | 15.0 | 48 | 78 | 80 | 18 02 47.847 | -18 03 56.87 | 31.90 | 60a,b,c,61a,c |
| C656 | P656 | 2009 11 22 05:10 | 0.65 | 5 | 31.6 | 16.1 | 11 | 32 | 133 | 18 07 26.664 | -18 14 26.49 | 32.57 | 61a,62a,b,c,63a,e |
| C658 | C658 | 2009 11 25 18:15 | 0.94 | 184 | 32.3 | 16.7 | 7 | 29 | -67 | 18 07 55.520 | -18 14 57.51 | 32.61 | 62a,c,63a |
| C659 | C659 | 2009 11 27 10:04 | 0.12 | 4 | 32.9 | 16.8 | 6 | 27 | 54 | 18 08 09.341 | -18 15 12.38 | 32.62 | 63a |

* Old Event ID refers to the designations originally published (based on the DE118 ephemeris). New event ID's match the old designations where possible, and use a decimal notation where not possible in order to keep events in chronological order.