Notes

93538 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 8374-2988-1 at α = 285°.767 996, δ = −45°.716 101.

93563 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

94000 Triple system with a single catalogue entry, HIP 94000. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 94000 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

94185 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 287°.616 449 47 (1.28), δ = 68°.582 670 93 (1.21), π = 3.26 (1.30), μ_α = −2.76 (1.43), μ_δ = −8.01 (1.42), with F1 = 5 and F2 = 0.28, and processed as single star.

94223 D Triple system with two catalogue entries, HIP 94223 and HIP 94227. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 94223 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

94227 Triple system with two catalogue entries, HIP 94223 and HIP 94227. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 94227 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

94252 Triple system with a single catalogue entry, HIP 94252. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 94252 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

94595 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 288°.755 174 74 (4.02), δ = −32°.416 403 80 (1.65), π = 32.55 (3.92), μ_α = 379.58 (4.52), μ_δ = −78.64 (2.19), with F1 = 4 and F2 = 0.23, and processed as single star.

94930 Inconsistency with the Hipparcos Input Catalogue: probably not the proper-motion star L 8-7.

95024 P Faint anonymous star measured instead of the Carbon star C*2724, U Lyr, which is at 1.1 arcmin E.
This star is no longer in the CCDM. (J. Dommanget, O. Nys, Bull. Inf. CDS 46, 13, 1995)

95301 Triple system with a single catalogue entry, HIP 95301. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 95301 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

95459 Inconsistency with the Hipparcos Input Catalogue: this star is not IRC +40346, a variable M giant.

95493 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
Investigations carried out after the main catalogue was finalised led to a probable solution for this entry (standard errors in parentheses): α = 291°.358 288 39 (3.61), δ = −67°.300 712 70 (3.54), π = −3.33 (4.93), μ_α = 2.82 (3.90), μ_δ = −15.33 (4.94). Astrometric parameters refer to the primary component with F1 = 3 and F2 = 3.97, and double star parameters: θ = 14.9, ϱ = 4.059 (0.004), ΔHp = 0.10 (0.01).
This entry may correspond to the Tycho Catalogue entry TYC 9083-1821-1 at α = 291°.358 352, δ = −67°.300 719.

95646 Triple system with a single catalogue entry, HIP 95646. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 95646 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

95672 P Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

95723 No astrometric solution obtained.
This entry may correspond to the Tycho Catalogue entry TYC 1067-1248-1 at α = 292°.053 821, δ = +13°.998 284.

95801 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 292°.295 974 04 (2.11), δ = −53°.096 243 01 (1.74), π = 5.47 (2.63), μ_α = 16.83 (2.90), μ_δ = −90.82 (2.37). Astrometric parameters refer to the primary component with F1 = 0 and F2 = 0.00, and double star parameters: θ = 133.5, ϱ = 3.190 (0.006), ΔHp = 1.30 (0.01).

95811 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

96005 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 5148-3285-1 at α = 292°.809 599, δ = −2°.107 042.

96073 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
Investigations carried out after the main catalogue was finalised led to a probable solution for this entry (standard errors in parentheses): $\alpha = 293\overset{\circ}{.}004\,557\,59$ (4.27), $\delta = 38\overset{\circ}{.}809\,501\,02$ (3.69), $\pi = 3.63$ (4.71), $\mu_\alpha = -14.99$ (5.42), $\mu_\delta = 10.54$ (4.77). Astrometric parameters refer to the primary component with F1 = 0 and F2 = 1.88, and double star parameters: $\theta = 277.4$, $\varrho = 2.020$ (0.004), $\Delta Hp = 0.17$ (0.01).
This entry may correspond to the Tycho Catalogue entries TYC 3135-56-1 at $\alpha = 293\overset{\circ}{.}004\,549$, $\delta = +38\overset{\circ}{.}809\,496$ and TYC 3135-56-2 at $\alpha = 293\overset{\circ}{.}003\,852$, $\delta = +38\overset{\circ}{.}809\,572$.

96108 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

96410 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

96569 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

97162 Triple system with a single catalogue entry, HIP 97162. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 97162 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.
The position in Fields H8–9 is for the photocentre of components A+B.

97202 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
Investigations carried out after the main catalogue was finalised led to a probable solution for this entry (standard errors in parentheses): $\alpha = 296\overset{\circ}{.}323\,318\,69$ (5.56), $\delta = -51\overset{\circ}{.}415\,236\,96$ (3.25), $\pi = -18.81$ (6.84), $\mu_\alpha = 7.52$ (8.86), $\mu_\delta = 18.88$ (5.83), with F1 = 11 and F2 = 2.05, and processed as single star.

97237 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

97496 Triple system with a single catalogue entry, HIP 97496. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 97496 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.
The position in Fields H8–9 is for the photocentre of components A+B.

97508 Triple system with a single catalogue entry, HIP 97508. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 97508 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.
The position in Fields H8–9 is for the photocentre of components A+B.

97570 Missed target. The bright double is located 2.0 arcsec E of the given coordinates.
Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

98147 P Incorrectly identified with V724 Aql in the Hipparcos Input Catalogue.

98216 Triple system with a single catalogue entry, HIP 98216. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 98216 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

98369 Triple system with a single catalogue entry, HIP 98369. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 98369 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

98457 Triple system with a single catalogue entry, HIP 98457. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 98457 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

98625 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

98713 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 9460-1297-1 at $\alpha = 300\overset{\circ}{.}756\,406$, $\delta = -76\overset{\circ}{.}133\,103$.

98790 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

98811 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

98909 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 1629-1033-1 at $\alpha = 301\overset{\circ}{.}270\,487$, $\delta = +20\overset{\circ}{.}648\,160$.

99261 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

99362 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 302\overset{\circ}{.}517\,770\,80$ (0.80), $\delta = 26\overset{\circ}{.}285\,421\,63$ (0.89), $\pi = 0.07$ (1.22), $\mu_\alpha = 0.93$ (0.86), $\mu_\delta = -11.28$ (0.91), with F1 = 0 and F2 = 3.64, and processed as single star.

99402 P Inconsistency with the Hipparcos Input Catalogue: this star is not IRC +30416, a C4 variable.

99411 The components quoted in HIP are BC. They are AB in the errata (J. Dommanget, O. Nys, Bull. Inf. CDS 48, 19, 1996) and in the updated Hipparcos Input Catalogue included in *Celestia 2000*.

99521 Triple system with a single catalogue entry, HIP 99521. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 99521 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.
The position in Fields H8–9 is for the photocentre of components A+B.

99749 Triple system with a single catalogue entry, HIP 99749. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 99749 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

99861 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 3163-1614-1 at α = 303°.910 266, δ = +43°.648 124.

100006 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

100058 Triple system with a single catalogue entry, HIP 100058. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 100058 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

100086 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 2159-1323-1 at α = 304°.570 504, δ = +25°.654 205.

100109 Missed target. The proper-motion star G 186-20 is located 3.8 arcmin at W.
Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
Investigations carried out after the main catalogue was finalised led to a probable solution for this entry (standard errors in parentheses): α = 304°.624 632 84 (1.25), δ = 23°.297 784 74 (1.21), π = −2.03 (1.95), μ_α = 2.67 (1.29), μ_δ = −2.76 (1.44), with F1 = 0 and F2 = −0.08, and processed as single star.
This entry may correspond to the Tycho Catalogue entry TYC 2155-460-1 at α = 304°.624 631, δ = +23°.297 788.

100245 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 5166-2702-1 at α = 304°.967 204, δ = −2°.241 119.

100268 Triple system with a single catalogue entry, HIP 100268. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 100268 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

100286 D Triple system with two catalogue entries, HIP 100286 and HIP 100288. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 100286 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

100288 D Triple system with two catalogue entries, HIP 100286 and HIP 100288. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 100288 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

100304 No acceptable astrometric solution obtained.

100364 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 3164-1492-1 at α = 305°.314 428, δ = +43°.587 498.

100923 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 306°.924 125 46 (2.57), δ = −27°.745 576 05 (1.81), π = 66.58 (2.99), μ_α = −198.97 (3.53), μ_δ = −872.12 (2.64), with F1 = 4 and F2 = 1.02, and processed as single star.

101319 Triple system with a single catalogue entry, HIP 101319. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 101319 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.
The position in Fields H8–9 is for the photocentre of components A+B.

101491 Inconsistency with the Hipparcos Input Catalogue: BD +35 4167 is possibly not identical to L 1575-64, LTT 16003.

101521 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 308°.596 051 07 (5.85), δ = −0°.470 452 57 (4.75), π = 5.51 (7.11), μ_α = −12.25 (8.41), μ_δ = −11.38 (6.84). Astrometric parameters refer to the photocentre with F1 = 4 and F2 = 0.72, and double star parameters: θ = 202.1, ϱ = 0.230 (0.036), ΔHp = 0.76 (0.13).

101540 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 308\overset{\circ}{.}678\,594\,35$ (6.87), $\delta = 3\overset{\circ}{.}348\,774\,87$ (7.05), $\pi = 35.58$ (8.41), $\mu_\alpha = 308.50$ (8.44), $\mu_\delta = -426.62$ (9.33). Astrometric parameters refer to the primary component with F1 = 16 and F2 = 3.57, and double star parameters: $\theta = 173.9$, $\varrho = 0.411$ (0.008), $\Delta Hp = 0.81$ (0.02).

101778 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 309\overset{\circ}{.}409\,980\,76$ (1.41), $\delta = -36\overset{\circ}{.}538\,989\,46$ (0.85), $\pi = 12.00$ (1.70), $\mu_\alpha = 146.42$ (1.83), $\mu_\delta = 15.74$ (1.05), with F1 = 0 and F2 = −0.20, and processed as single star.

102235 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 310\overset{\circ}{.}736\,582\,37$ (2.25), $\delta = -18\overset{\circ}{.}916\,270\,02$ (1.25), $\pi = 54.22$ (2.46), $\mu_\alpha = 600.46$ (2.69), $\mu_\delta = -860.55$ (1.99), with F1 = 0 and F2 = 1.00, and processed as single star.

102782 Triple system with two catalogue entries, HIP 102782 and HIP 102784. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 102782 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

102784 Triple system with two catalogue entries, HIP 102782 and HIP 102784. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 102784 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

103180 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
Investigations carried out after the main catalogue was finalised led to a probable solution for this entry (standard errors in parentheses): $\alpha = 313\overset{\circ}{.}576\,439\,25$ (4.28), $\delta = -53\overset{\circ}{.}501\,556\,57$ (3.10), $\pi = 0.72$ (4.86), $\mu_\alpha = 12.60$ (6.25), $\mu_\delta = -17.75$ (4.54), with F1 = 4 and F2 = 0.83, and processed as single star.

103388 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 314\overset{\circ}{.}194\,247\,70$ (2.90), $\delta = -10\overset{\circ}{.}445\,806\,80$ (2.15), $\pi = 66.56$ (3.46), $\mu_\alpha = -38.03$ (4.53), $\mu_\delta = -1122.89$ (3.18), with F1 = 4 and F2 = 0.82, and processed as single star.

103542 Triple system with a single catalogue entry, HIP 103542. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 103542 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

103569 Triple system with two catalogue entries, HIP 103569 and HIP 103571. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 103569 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

103571 Triple system with two catalogue entries, HIP 103569 and HIP 103571. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 103571 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

103992 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 5779-1804-1 at $\alpha = 316\overset{\circ}{.}045\,228$, $\delta = -11\overset{\circ}{.}363\,399$.

103995 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 8796-1499-1 at $\alpha = 316\overset{\circ}{.}052\,150$, $\delta = -55\overset{\circ}{.}335\,758$.

103996 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 8796-1496-1 at $\alpha = 316\overset{\circ}{.}055\,386$, $\delta = -55\overset{\circ}{.}332\,736$.

104066 Triple system with two catalogue entries, HIP 104066 and HIP 104067. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 104066 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

104067 Triple system with two catalogue entries, HIP 104066 and HIP 104067. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 104067 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

104093 D Inconsistency with the Hipparcos Input Catalogue: not the high-proper-motion star LP 340-555.

104110 Triple system with a single catalogue entry, HIP 104110. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 104110 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

104214 61 Cyg A. Due to incorrect instrument pointing during the observations of this target, a special procedure was used to correct individual field transits for the disturbing light from 61 Cyg B. In this procedure the astrometric standard errors were derived from the statistics of the post-fit residuals, resulting in a unit weight error of exactly 1. For this reason, no goodness-of-fit statistic is given in Field H30.

104240 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

104243 Position found in stochastic solution coincides with that of HIP 104245.

104399 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 317°.248 476 74 (1.27), δ = 6°.723 460 85 (1.14), π = 8.60 (1.58), μ_α = −10.85 (1.76), μ_δ = 5.28 (1.14), with F1 = 0 and F2 = −0.54, and processed as single star.

104645 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
Investigations carried out after the main catalogue was finalised led to a probable solution for this entry (standard errors in parentheses): α = 317°.974 107 58 (3.30), δ = −45°.332 562 62 (2.40), π = 19.43 (3.75), μ_α = 273.70 (4.32), μ_δ = −182.06 (2.34), with F1 = 4 and F2 = 3.35, and processed as single star.

104833 Triple system with two catalogue entries, HIP 104833 and HIP 104835. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 104833 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

104835 Triple system with two catalogue entries, HIP 104833 and HIP 104835. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 104835 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

104987 An orbital solution based on elements by J. T. Armstrong, Astron. J., 104, 241, 1992, gives no significant (< 1 mas) semi-major axis for the photocentre.

105230 Mispointed star. Optical double and spurious variable.
Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

105296 No acceptable astrometric solution obtained.
This entry may correspond to the Tycho Catalogue entry TYC 7477-33-1 at α = 319°.908 834, δ = −32°.439 213.

105601 Inconsistency with the Hipparcos Input Catalogue: CoD −35 14747 observed instead of the proper-motion star CoD −35 14745, L 497-1 located 1.5 arcmin at NW.

105743 Triple system with two catalogue entries, HIP 105743 and HIP 105747. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 105743 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

105747 Triple system with two catalogue entries, HIP 105743 and HIP 105747. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 105747 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.
The position in Fields H8–9 is for the photocentre of components A+B.

105792 Triple system with a single catalogue entry, HIP 105792. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 105792 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.
The position in Fields H8–9 is for the photocentre of components A+B.

105862 Triple system with a single catalogue entry, HIP 105862. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 105862 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

106124 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 3966-352-1 at α = 322°.459 268, δ = +52°.935 697.

106255 D Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 322°.824 677 31 (4.24), δ = −9°.790 531 57 (2.73), π = 137.72 (4.57), μ_α = 1144.39 (6.51), μ_δ = −57.98 (3.18), with F1 = 14 and F2 = 2.84, and processed as single star.

106599 P Faint anonymous star measured instead of the Carbon star C*3045, LU Cep., which is located 1.0 arcmin at W.

106672 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): α = 324°.090 939 03 (1.73), δ = −29°.285 533 63 (1.02), π = 6.29 (2.02), μ_α = 26.99 (1.85), μ_δ = −41.25 (1.07), with F1 = 8 and F2 = 0.73, and processed as single star.

106774 Triple system with a single catalogue entry, HIP 106774. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 106774 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

106884 Triple system with three catalogue entries, HIP 106884, HIP 106886 and HIP 106890. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 106884 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

106886 Triple system with three catalogue entries, HIP 106884, HIP 106886 and HIP 106890. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 106886 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

106890 P Triple system with three catalogue entries, HIP 106884, HIP 106886 and HIP 106890. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 106890 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

106998 This star is not LHS 3700 (G 213-9). Error in Hipparcos Input Catalogue identification.

107156 P Incorrectly identified with SS Cyg in the Hipparcos Input Catalogue.

107207 P The Hipparcos target is BD +65 1636, 1.5 arcmin SSW of the variable star V0361 Cep, BD +65 1637.
Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 325\overset{\circ}{.}691\,730\,28$ (3.10), $\delta = 66\overset{\circ}{.}087\,149\,71$ (3.95), $\pi = 1.25$ (2.63), $\mu_\alpha = 8.74$ (4.45), $\mu_\delta = 3.95$ (3.91), with F1 = 0 and F2 = 0.77, and processed as single star.

107427 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 326\overset{\circ}{.}373\,519\,65$ (2.17), $\delta = -21\overset{\circ}{.}557\,908\,73$ (1.51), $\pi = 14.96$ (2.43), $\mu_\alpha = 15.56$ (2.75), $\mu_\delta = 0.76$ (1.58), with F1 = 0 and F2 = 3.35, and processed as single star.

107588 Triple system with a single catalogue entry, HIP 107588. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 107588 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

107612 Inconsistency with the Hipparcos Input Catalogue: proper motion of LTT 8696 smaller than in NLTT.

107696 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 327\overset{\circ}{.}236\,260\,57$ (3.11), $\delta = -1\overset{\circ}{.}335\,572\,38$ (2.02), $\pi = 0.45$ (3.52), $\mu_\alpha = -5.70$ (3.94), $\mu_\delta = -1.33$ (2.12), with F1 = 0 and F2 = 0.21, and processed as single star.

108067 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 328\overset{\circ}{.}426\,547\,66$ (1.24), $\delta = -9\overset{\circ}{.}776\,114\,03$ (0.82), $\pi = 7.56$ (1.43), $\mu_\alpha = 64.02$ (1.35), $\mu_\delta = 0.20$ (0.88), with F1 = 0 and F2 = 0.45, and processed as single star.

108072 Triple system with a single catalogue entry, HIP 108072. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 108072 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

108163 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 328\overset{\circ}{.}713\,298\,22$ (3.18), $\delta = 45\overset{\circ}{.}783\,243\,60$ (3.14), $\pi = 1.70$ (4.37), $\mu_\alpha = -9.48$ (3.85), $\mu_\delta = 1.90$ (4.01). Astrometric parameters refer to the photocentre with F1 = 3 and F2 = 1.25, and double star parameters: $\theta = 65.4$, $\varrho = 0.251$ (0.019), $\Delta Hp = 0.54$ (0.07).

108227 Triple system with two catalogue entries, HIP 108227 and HIP 108230. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 108227 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

108230 Triple system with two catalogue entries, HIP 108227 and HIP 108230. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 108230 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

108291 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 8820-967-1 at $\alpha = 329\overset{\circ}{.}091\,397$, $\delta = -59\overset{\circ}{.}344\,962$.

108519 Quadruple system with a single catalogue entry, HIP 108519. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 108519 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.
The position in Fields H8–9 is for the photocentre of components A+B.

108802 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

108890 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 330\overset{\circ}{.}861\,716\,76$ (2.65), $\delta = -50\overset{\circ}{.}642\,778\,29$ (2.52), $\pi = 50.15$ (4.27), $\mu_\alpha = 349.12$ (3.05), $\mu_\delta = -486.17$ (2.79), with F1 = 3 and F2 = 0.60, and processed as single star.

108943 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 331\overset{\circ}{.}075\,523\,57$ (1.67), $\delta = 21\overset{\circ}{.}795\,101\,47$ (1.49), $\pi = 0.91$ (1.86), $\mu_\alpha = -17.99$ (2.11), $\mu_\delta = -16.45$ (1.77), with F1 = 4 and F2 = −2.80, and processed as single star.

108983 Triple system with a single catalogue entry, HIP 108983. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 108983 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

109180 Triple system with a single catalogue entry, HIP 109180. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 109180 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

109670 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 333\overset{\circ}{.}248\,404\,59$ (2.00), $\delta = -47\overset{\circ}{.}386\,181\,52$ (2.28), $\pi = 8.43$ (3.36), $\mu_\alpha = 109.75$ (2.07), $\mu_\delta = -82.18$ (2.35), with F1 = 2 and F2 = 0.57, and processed as single star.

110113 D Inconsistency with the Hipparcos Input Catalogue: probably not the proper-motion star LP 639-56.

110172 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 334\overset{\circ}{.}740\,305\,51$ (1.42), $\delta = -30\overset{\circ}{.}865\,254\,43$ (1.21), $\pi = 7.34$ (1.76), $\mu_\alpha = 95.42$ (1.67), $\mu_\delta = -25.41$ (1.34), with F1 = 0 and F2 = 0.42, and processed as single star.

110173 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 334\overset{\circ}{.}738\,610\,14$ (4.95), $\delta = 37\overset{\circ}{.}706\,758\,11$ (3.82), $\pi = 4.38$ (5.74), $\mu_\alpha = -7.63$ (6.25), $\mu_\delta = -8.54$ (5.30). Astrometric parameters refer to the photocentre with F1 = 0 and F2 = −1.07, and double star parameters: $\theta = 243.7$, $\varrho = 0.308$ (0.041), $\Delta Hp = 0.48$ (0.06).

110750 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 336\overset{\circ}{.}555\,763\,35$ (1.35), $\delta = -19\overset{\circ}{.}188\,365\,14$ (1.09), $\pi = 37.93$ (1.60), $\mu_\alpha = 237.92$ (1.75), $\mu_\delta = -23.49$ (1.21), with F1 = 0 and F2 = 0.40, and processed as single star.

110879 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 336\overset{\circ}{.}960\,081\,35$ (1.50), $\delta = -30\overset{\circ}{.}602\,395\,19$ (1.32), $\pi = 10.88$ (1.93), $\mu_\alpha = -1.55$ (1.64), $\mu_\delta = -69.07$ (1.14), with F1 = 0 and F2 = −0.32, and processed as single star.

111277 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 2743-1624-1 at $\alpha = 338\overset{\circ}{.}144\,694$, $\delta = +34\overset{\circ}{.}224\,057$.

111293 Error in Hipparcos Input Catalogue position: target is 80 arcsec from LHS 525 ($\alpha = 338\overset{\circ}{.}225\,92$, $\delta = +53\overset{\circ}{.}794\,22$).
Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

111432 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

111580 Triple system with three catalogue entries, HIP 111580, HIP 111582 and HIP 111584. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 111580 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

111582 Triple system with three catalogue entries, HIP 111580, HIP 111582 and HIP 111584. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 111582 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

111584 Triple system with three catalogue entries, HIP 111580, HIP 111582 and HIP 111584. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 111584 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

111606 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

111618 Triple system with a single catalogue entry, HIP 111618. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 111618 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

111680 Triple system with a single catalogue entry, HIP 111680. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 111680 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

111858 P Identification error. BD +39 4907 is located 25 arcsec N. Spurious variability.
Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

112273 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 341\overset{\circ}{.}120\,835\,81$ (1.65), $\delta = 40\overset{\circ}{.}771\,961\,82$ (1.21), $\pi = 2.67$ (2.10), $\mu_\alpha = -13.87$ (1.86), $\mu_\delta = 25.40$ (1.68), with F1 = 2 and F2 = 0.61, and processed as single star.

112316 P Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 3629-198-1 at $\alpha = 341\overset{\circ}{.}243\,758$, $\delta = +49\overset{\circ}{.}481\,234$.

112325 Triple system with two catalogue entries, HIP 112325 and HIP 112326. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 112325 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

112326 Triple system with two catalogue entries, HIP 112325 and HIP 112326. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 112326 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

112400 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 341\overset{\circ}{.}500\,019\,10$ (2.61), $\delta = -19\overset{\circ}{.}696\,358\,29$ (1.57), $\pi = 22.14$ (2.99), $\mu_\alpha = 118.74$ (2.92), $\mu_\delta = -306.96$ (1.99), with F1 = 3 and F2 = −2.08, and processed as single star.

112465 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

112469 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

112856 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

112892 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 342\overset{\circ}{.}925\,219\,13$ (1.49), $\delta = -56\overset{\circ}{.}490\,928\,47$ (1.57), $\pi = 10.38$ (2.50), $\mu_\alpha = 217.36$ (1.66), $\mu_\delta = 51.88$ (1.58), with F1 = 7 and F2 = −0.45, and processed as single star.

113030 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 343\overset{\circ}{.}370\,654\,39$ (1.43), $\delta = -30\overset{\circ}{.}895\,874\,80$ (1.05), $\pi = 18.19$ (1.57), $\mu_\alpha = -5.79$ (1.70), $\mu_\delta = -180.84$ (1.43), with F1 = 0 and F2 = 1.93, and processed as single star.

113133 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 343\overset{\circ}{.}652\,490\,03$ (1.96), $\delta = 20\overset{\circ}{.}333\,154\,90$ (1.20), $\pi = 7.08$ (2.43), $\mu_\alpha = 14.55$ (2.15), $\mu_\delta = -29.32$ (1.94). Astrometric parameters refer to the primary component with F1 = 0 and F2 = 1.19, and double star parameters: $\theta = 35.9$, $\varrho = 6.823$ (0.006), $\Delta Hp = 1.80$ (0.01).

113683 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 345\overset{\circ}{.}376\,135\,87$ (2.21), $\delta = -54\overset{\circ}{.}502\,902\,21$ (2.50), $\pi = 8.80$ (3.98), $\mu_\alpha = 452.34$ (2.70), $\mu_\delta = -320.86$ (2.57), with F1 = 0 and F2 = 3.25, and processed as single star.

114110 No B component at pointed position. Scattered light from bright star at N measured.

114176 No B component at pointed position. Scattered light from bright star at N measured.

114242 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 347\overset{\circ}{.}063\,384\,55$ (1.63), $\delta = -24\overset{\circ}{.}742\,914\,81$ (1.35), $\pi = 25.33$ (1.98), $\mu_\alpha = -56.75$ (2.29), $\mu_\delta = -138.20$ (2.04), with F1 = 8 and F2 = −0.69, and processed as single star.

114349 Missed target. LHS 537 is located 26 arcsec S of the given position.
No acceptable astrometric solution obtained.

114791 D Triple system with a single catalogue entry, HIP 114791. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 114791 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

114929 Triple system with a single catalogue entry, HIP 114929. The *Hp* magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 114929 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

114994 D Inconsistency with the Hipparcos Input Catalogue: the proper-motion star G 190-17, LHS 3923 is located 21 arcsec at N.

115125 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 5827-1270-1 at $\alpha = 349\overset{\circ}{.}776\,567$, $\delta = -13\overset{\circ}{.}455\,004$.

115269 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.
This entry may correspond to the Tycho Catalogue entry TYC 8461-1265-1 at $\alpha = 350\overset{\circ}{.}205\,001$, $\delta = -50\overset{\circ}{.}310\,375$.

115273 Triple system with a single catalogue entry, HIP 115273. The Hp magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 115273 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

115532 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 351\overset{\circ}{.}043\,980\,52$ (1.31), $\delta = -32\overset{\circ}{.}916\,937\,28$ (1.03), $\pi = 5.21$ (1.47), $\mu_\alpha = -4.70$ (1.50), $\mu_\delta = -47.28$ (1.26), with F1 = 0 and F2 = 0.26, and processed as single star.

115718 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 351\overset{\circ}{.}664\,932\,86$ (2.31), $\delta = 15\overset{\circ}{.}146\,180\,55$ (2.15), $\pi = -0.81$ (2.81), $\mu_\alpha = 7.28$ (2.35), $\mu_\delta = -2.03$ (2.24). Astrometric parameters refer to the primary component with F1 = 5 and F2 = −0.51, and double star parameters: $\theta = 252.5$, $\varrho = 9.171$ (0.011), $\Delta Hp = 2.06$ (0.04).

115931 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 352\overset{\circ}{.}320\,992\,96$ (0.48), $\delta = 42\overset{\circ}{.}360\,096\,34$ (0.65), $\pi = 3.86$ (0.92), $\mu_\alpha = 4.62$ (0.58), $\mu_\delta = -2.08$ (0.65), with F1 = 0 and F2 = −1.58, and processed as single star.

115981 Triple system with two catalogue entries, HIP 115981 and HIP 115983. The Hp magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 115981 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.
The position in Fields H8–9 is for the photocentre of components A+B.

115983 Triple system with two catalogue entries, HIP 115981 and HIP 115983. The Hp magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 115983 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

116003 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 352\overset{\circ}{.}555\,177\,03$ (2.82), $\delta = -20\overset{\circ}{.}390\,463\,83$ (2.16), $\pi = 62.02$ (3.49), $\mu_\alpha = 311.07$ (3.29), $\mu_\delta = -208.02$ (2.83), with F1 = 0 and F2 = 0.51, and processed as single star.

116016 Triple system with two catalogue entries, HIP 116016 and HIP 116017. The Hp magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 116016 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

116017 Triple system with two catalogue entries, HIP 116016 and HIP 116017. The Hp magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 116017 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.
The position in Fields H8–9 is for the photocentre of components A+B.

116267 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 353\overset{\circ}{.}371\,231\,12$ (0.68), $\delta = 41\overset{\circ}{.}637\,901\,70$ (0.67), $\pi = 6.73$ (0.91), $\mu_\alpha = 64.13$ (0.71), $\mu_\delta = 44.63$ (0.63), with F1 = 3 and F2 = −0.06, and processed as single star.

116288 Inconsistency with the Hipparcos Input Catalogue: the large proper motion of LTT 9594, L 168-1 is not confirmed.

116430 Inconsistency with the Hipparcos Input Catalogue: the large proper motion of LTT 9612 is not confirmed.

117042 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 355\overset{\circ}{.}894\,646\,37$ (1.15), $\delta = 19\overset{\circ}{.}129\,923\,93$ (0.90), $\pi = 3.23$ (1.56), $\mu_\alpha = -18.42$ (1.19), $\mu_\delta = -32.13$ (0.84), with F1 = 3 and F2 = −1.72, and processed as single star.

117081 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 356\overset{\circ}{.}030\,499\,18$ (5.60), $\delta = -27\overset{\circ}{.}196\,309\,26$ (4.26), $\pi = 6.18$ (6.23), $\mu_\alpha = 26.05$ (9.16), $\mu_\delta = 29.56$ (5.64). Astrometric parameters refer to the primary component with F1 = 0 and F2 = 1.52, and double star parameters: $\theta = 341.3$, $\varrho = 6.359$ (0.006), $\Delta Hp = 0.15$ (0.02).

117226 D Triple system with two catalogue entries, HIP 117226 and HIP 117227. The Hp magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 117226 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

117227 D Triple system with two catalogue entries, HIP 117226 and HIP 117227. The Hp magnitude given in the main catalogue is derived directly from the photon counts recorded with the detector pointing at HIP 117227 and has not been corrected for the multiplicity effect or for the attenuation profile of the detector. The corrected magnitudes of the components are given in the Double and Multiple Systems Annex.

117400 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 357^\circ.063\,452\,00$ (1.73), $\delta = 47^\circ.075\,199\,49$ (1.95), $\pi = 0.49$ (2.72), $\mu_\alpha = 8.36$ (1.99), $\mu_\delta = -17.57$ (2.12), with F1 = 2 and F2 = 3.04, and processed as single star.

117643 Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

117669 Investigations carried out after the main catalogue was finalised led to a more likely solution for this entry (standard errors in parentheses): $\alpha = 357^\circ.955\,665\,84$ (1.34), $\delta = -46^\circ.319\,325\,05$ (1.00), $\pi = 22.17$ (1.58), $\mu_\alpha = 162.87$ (1.59), $\mu_\delta = 17.87$ (1.13), with F1 = 0 and F2 = −0.10, and processed as single star.

118252 P An F8 star, HD 240465, BD +56 1790 observed instead of the star in the Hipparcos Input Catalogue, later identified as V532 Cas.

120159 Missed target. No star at given position. Background measured.
Stochastic solution was rejected because it had a cosmic error greater than 100 mas.

120229 No acceptable astrometric solution obtained.

120415 No astrometric solution obtained.
This entry may correspond to the Tycho Catalogue entry TYC 9099-137-1 at $\alpha = 305^\circ.018\,985$, $\delta = -67^\circ.373\,162$.

120416 No astrometric solution obtained.
This entry may correspond to the Tycho Catalogue entry TYC 8784-1708-1 at $\alpha = 303^\circ.241\,848$, $\delta = -56^\circ.846\,640$.