

```

21:23:19 FocusMax Version 3.3.15
21:23:19 System is c8_st8_pyxis_f10
21:23:27 RoboFocus Control Program is connected
21:23:27 CCDSoft V 5.00.175 is the Imaging Software
21:24:02 PinPoint is not installed
21:24:02 Warning - NOVAS-COM Vector Astrometry Engine is not connected
21:24:02 and is required with telescope use. Please download from
21:24:02 DC3 ASCOM Download Library at
21:24:02 http://ascom-standards.org/downloads.html
21:32:18
21:32:18 System: c8_st8_pyxis_f10
21:32:18 ** Beginning Focus run **
21:32:18 LS: -0.374183 RS: 0.373880 PID: 0.92 NFHFD: 10
21:32:18 Move direction: Out
21:32:18 Filter number = 0
21:32:18 Current position = 12311
21:32:18 Focus Start: 12244
21:32:32 Target star found at x = 774, y = 490
21:32:32 Focus exposures will be 1.00 sec
21:32:38 Position , HFD , Mean Best Focus , X , Y , Flux
21:32:39 12244 , 28.80 , 0 , 773 , 491 , 819797
21:32:43 12269 , 20.30 , 0 , 765 , 489 , 845708
21:32:43 On correct side of focus
21:32:43 Move to Near Focus HFD
21:32:50 12283 , 15.02 , 0 , 764 , 488 , 831459
21:32:58 12296 , 10.51 , 0 , 762 , 490 , 791379
21:32:58 ** Starting Near Focus **
21:32:58 Position , HFD , Mean Best Focus , X , Y , Flux
21:32:58 12296 , 10.51 , 12324 , 762 , 490 , 791379
21:33:04 12296 , 10.45 , 12324 , 761 , 491 , 804469
21:33:09 12296 , 10.02 , 12323 , 762 , 491 , 786060
21:33:15 12296 , 9.96 , 12323 , 761 , 491 , 813217
21:33:19 12296 , 10.05 , 12323 , 762 , 492 , 817425
21:33:19 Best Focus is: 12323
21:33:26 12323 , 3.29 , 12323 , 759 , 492 , 745680
21:33:26 Focusing Completed
21:33:27 Focus time = 70 sec
22:18:02
22:18:02 System: c8_st8_pyxis_f10
22:18:02 ** Beginning Focus run **
22:18:02 LS: -0.374183 RS: 0.373880 PID: 0.92 NFHFD: 10
22:18:02 Move direction: Out
22:18:02 Temperature = 631.0
22:18:02 Filter number = 1
22:18:02 Current position = 12323
22:18:02 Focus Start: 12244
22:18:19 Star is too close to frame edge or is too weak
22:18:19 Try star search again with cropped border
22:18:19 Starting exposures with Extended Time
22:18:19 Min flux setting = 10000
22:18:19 Total Flux = 9879 Next exposure = 1.00 sec
22:18:26 Star is too close to frame edge or is too weak
22:18:26 Try star search again with cropped border
22:18:26 Total Flux = 13203
22:18:26 Target star found at X = 264, Y = 396
22:18:26 Focus exposures will be 1.00 sec
22:18:33 Star is too close to frame edge or is too weak; increasing frame size
22:18:33 Increasing frame width
22:18:41 Star is too close to frame edge or is too weak
22:18:41 Increasing frame width
22:18:51 Position , HFD , Mean Best Focus , X , Y , Flux
22:18:51 12244 , 27.03 , 0 , 262 , 393 , 10439
22:18:59 12267 , 5.44 , 0 , 270 , 385 , 1271
22:18:59 On correct side of focus
22:18:59 Move to Near Focus HFD
22:19:08 Star is too close to frame edge or is too weak
22:19:08 Increasing frame width
22:19:15 Star is too close to frame edge or is too weak
22:19:24 Star is too close to frame edge or is too weak
22:19:24 Increasing Subframe width, attempt 1
22:19:36 CCDSoft.App Error -2147220292: Process aborted.

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Error code = 212 (0xd4).

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Module modComponents sub ExposeSubFrame
22:19:36 Star is too close to frame edge or is too weak
22:19:36 Increasing Subframe width, attempt 2
22:19:43 12243 , 0.00 , 0 , 194 , 309 , 2148
22:19:49 Error in modHFR Sub StarIntersectsFrameEdge
22:19:49 Star is too close to frame edge or is too weak
22:19:49 Increasing frame width
22:19:54 Star is too close to frame edge or is too weak
22:20:02 Star is too close to frame edge or is too weak
22:20:02 Increasing Subframe width, attempt 1
22:20:08 Star is too close to frame edge or is too weak
22:20:08 Increasing Subframe width, attempt 2
22:20:14 Star is too close to frame edge or is too weak
22:20:14 Increasing Subframe width, attempt 3
22:20:21 Star is too close to frame edge or is too weak
22:20:30 Star is too close to frame edge or is too weak
22:20:39 Star is too close to frame edge or is too weak

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22:20:39 Can not measure HFD for this image
22:20:39 Operation stopped by operator
22:20:44 Moving to previous focus position of 12323
22:29:18 System: c8_st8_pyxis_f10
22:29:18 ** Beginning Focus run **
22:29:18 LS: -0.374183 RS: 0.373880 PID: 0.92 NFHFD: 10
22:29:18 Move direction: Out
22:29:19 Temperature = 632.0
22:29:19 Filter number = 0
22:29:19 Current position = 12323
22:29:19 Focus Start: 12244
22:29:34 Target star found at X = 369, Y = 738
22:29:34 Focus exposures will be 1.00 sec
22:29:42 Star is too close to frame edge or is too weak
22:29:42 Increasing frame width
22:29:50 Position , HFD , Mean Best Focus , X , Y , Flux
22:29:50 12244 , 28.43 , 0 , 360 , 743 , 26093
22:29:59 12269 , 18.93 , 0 , 365 , 743 , 23549
22:29:59 On correct side of focus
22:29:59 Move to Near Focus HFD
22:30:07 12293 , 10.12 , 0 , 367 , 744 , 23564
22:30:07 ** Starting Near Focus **
22:30:07 Position , HFD , Mean Best Focus , X , Y , Flux
22:30:07 12293 , 10.12 , 12320 , 367 , 744 , 23564
22:30:14 12293 , 9.65 , 12319 , 366 , 744 , 24543
22:30:21 12293 , 9.57 , 12319 , 366 , 744 , 23650
22:30:25 12293 , 9.96 , 12319 , 366 , 744 , 24362
22:30:29 12293 , 9.64 , 12319 , 366 , 745 , 24436
22:30:29 Best Focus is: 12319
22:30:37 12319 , 3.88 , 12319 , 376 , 743 , 25462
22:30:38 Focusing Completed
22:30:39 Focus time = 80 sec
22:30:47 Single Exp. HFD: 7.60 @ 12319 X: 385 Y: 759 Flux: 25111
22:30:52 Single Exp. HFD: 10.21 @ 12319 X: 404 Y: 731 Flux: 20688
22:30:57 Single Exp. HFD: 3.58 @ 12319 X: 398 Y: 724 Flux: 25260
22:31:02 Single Exp. HFD: 3.47 @ 12319 X: 399 Y: 724 Flux: 24787
22:31:07 Single Exp. HFD: 3.38 @ 12319 X: 399 Y: 723 Flux: 24544
22:43:35 System: c8_st8_pyxis_f10
22:43:35 ** Beginning Focus run **
22:43:35 LS: -0.374183 RS: 0.373880 PID: 0.92 NFHFD: 10
22:43:35 Move direction: Out
22:43:35 Temperature = 632.0
22:43:35 Filter number = 0
22:43:35 Current position = 12319
22:43:35 Focus Start: 12244
22:43:51 Target star found at X = 760, Y = 501
22:43:51 Focus exposures will be 1.00 sec
22:43:59 Star is too close to frame edge or is too weak; increasing frame size
22:43:59 Increasing frame width
22:44:08 Position , HFD , Mean Best Focus , X , Y , Flux
22:44:08 12244 , 27.54 , 0 , 792 , 491 , 227059
22:44:16 12267 , 19.24 , 0 , 789 , 490 , 228644
22:44:16 On correct side of focus
22:44:16 Move to Near Focus HFD
22:44:25 12292 , 9.60 , 0 , 787 , 489 , 228948
22:44:25 ** Starting Near Focus **
22:44:25 Position , HFD , Mean Best Focus , X , Y , Flux
22:44:25 12292 , 9.60 , 12317 , 787 , 489 , 228948
22:44:33 12292 , 9.59 , 12317 , 788 , 488 , 234208
22:44:40 12292 , 9.44 , 12317 , 789 , 488 , 232902
22:44:44 12292 , 9.37 , 12317 , 789 , 488 , 225873
22:44:47 12292 , 9.27 , 12317 , 789 , 487 , 223660
22:44:47 Best Focus is: 12317
22:44:56 12317 , 2.66 , 12317 , 789 , 488 , 237041
22:44:57 Focusing Completed
22:44:57 Focus time = 82 sec
22:45:05 Single Exp. HFD: 2.94 @ 12317 X: 789 Y: 488 Flux: 236178
22:45:10 Single Exp. HFD: 2.74 @ 12317 X: 790 Y: 487 Flux: 238625
22:45:15 Single Exp. HFD: 2.66 @ 12317 X: 790 Y: 487 Flux: 240487
22:45:20 Single Exp. HFD: 2.66 @ 12317 X: 790 Y: 486 Flux: 242702
22:45:25 Single Exp. HFD: 2.52 @ 12317 X: 790 Y: 485 Flux: 238354
22:54:21 System: c8_st8_pyxis_f10
22:54:21 ** Beginning Focus run **
22:54:21 LS: -0.374183 RS: 0.373880 PID: 0.92 NFHFD: 10
22:54:22 Move direction: Out
22:54:22 Temperature = 631.0
22:54:22 Filter number = 0
22:54:22 Current position = 12317
22:54:22 Focus Start: 12244
22:54:37 Target star found at X = 769, Y = 503
22:54:37 Focus exposures will be 1.00 sec
22:54:45 Position , HFD , Mean Best Focus , X , Y , Flux
22:54:45 12244 , 27.25 , 0 , 768 , 504 , 244068
22:54:54 12267 , 18.79 , 0 , 765 , 504 , 240834
22:54:54 On correct side of focus
22:54:54 Move to Near Focus HFD
22:55:03 12290 , 10.34 , 0 , 763 , 502 , 248364

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22:55:03 ** Starting Near Focus **
22:55:03 Position , HFD , Mean Best Focus , X , Y , Flux
22:55:03 12290 , 10.34 , 12317 , 763 , 502 , 248364
22:55:10 12290 , 10.22 , 12317 , 764 , 502 , 235668
22:55:14 12290 , 10.16 , 12317 , 764 , 502 , 246577
22:55:18 12290 , 9.82 , 12317 , 764 , 503 , 233827
22:55:22 12290 , 10.08 , 12317 , 764 , 503 , 240209
22:55:22 Best Focus is: 12317
22:55:32 12317 , 2.48 , 12317 , 765 , 504 , 243061
22:55:32 Focusing Completed
22:55:32 Focus time = 70 sec
22:55:40 Single Exp. HFD: 2.49 @ 12317 X: 764 Y: 504 Flux: 244817
22:55:45 Single Exp. HFD: 2.74 @ 12317 X: 765 Y: 504 Flux: 238251
22:55:50 Single Exp. HFD: 2.69 @ 12317 X: 764 Y: 503 Flux: 240250
22:55:55 Single Exp. HFD: 3.01 @ 12317 X: 764 Y: 504 Flux: 243774
22:56:00 Single Exp. HFD: 2.67 @ 12317 X: 765 Y: 503 Flux: 239575
23:52:41
23:52:41 System: c8_st8_pyxis_f10
23:52:41 ** Beginning Focus run **
23:52:41 LS: -0.374183 RS: 0.373880 PID: 0.92 NFHFD: 10
23:52:41 Move direction: Out
23:52:41 Temperature = 630.0
23:52:41 Filter number = 0
23:52:41 Current position = 12317
23:52:41 Focus Start: 12244
23:52:57 Target star found at X = 774, Y = 508
23:52:57 Focus exposures will be 1.00 sec
23:53:04 Position , HFD , Mean Best Focus , X , Y , Flux
23:53:04 12244 , 25.43 , 0 , 772 , 508 , 200714
23:53:09 12265 , 18.04 , 0 , 769 , 507 , 193653
23:53:09 On correct side of focus
23:53:09 Move to Near Focus HFD
23:53:17 12286 , 10.42 , 0 , 767 , 508 , 190672
23:53:17 ** Starting Near Focus **
23:53:17 Position , HFD , Mean Best Focus , X , Y , Flux
23:53:17 12286 , 10.42 , 12313 , 767 , 508 , 190672
23:53:24 12286 , 10.15 , 12313 , 768 , 507 , 196244
23:53:30 12286 , 10.31 , 12313 , 768 , 507 , 196570
23:53:37 12286 , 10.28 , 12313 , 768 , 507 , 195824
23:53:41 12286 , 10.08 , 12313 , 768 , 507 , 194345
23:53:41 Best Focus is: 12313
23:53:49 12313 , 2.39 , 12313 , 768 , 509 , 191727
23:53:50 Focusing Completed
23:53:50 Focus time = 69 sec
23:53:59 Single Exp. HFD: 2.46 @ 12313 X: 769 Y: 509 Flux: 188490
23:54:04 Single Exp. HFD: 2.47 @ 12313 X: 769 Y: 509 Flux: 187897
23:54:08 Single Exp. HFD: 2.36 @ 12313 X: 769 Y: 509 Flux: 185710
23:54:14 Single Exp. HFD: 2.52 @ 12313 X: 769 Y: 509 Flux: 185867
23:54:19 Single Exp. HFD: 2.44 @ 12313 X: 769 Y: 508 Flux: 184420
00:28:59
00:28:59 System: c8_st8_pyxis_f10
00:28:59 ** Beginning Focus run **
00:28:59 LS: -0.374183 RS: 0.373880 PID: 0.92 NFHFD: 10
00:28:59 Move direction: Out
00:28:59 Temperature = 630.0
00:28:59 Filter number = 0
00:28:59 Current position = 12313
00:28:59 Focus Start: 12244
00:29:15 Target star found at X = 760, Y = 512
00:29:15 Focus exposures will be 1.00 sec
00:29:22 Position , HFD , Mean Best Focus , X , Y , Flux
00:29:22 12244 , 27.32 , 0 , 761 , 512 , 161090
00:29:31 12267 , 18.82 , 0 , 758 , 511 , 159068
00:29:31 On correct side of focus
00:29:31 Move to Near Focus HFD
00:29:39 12291 , 10.30 , 0 , 757 , 510 , 156628
00:29:39 ** Starting Near Focus **
00:29:39 Position , HFD , Mean Best Focus , X , Y , Flux
00:29:39 12291 , 10.30 , 12318 , 757 , 510 , 156628
00:29:46 12291 , 10.18 , 12318 , 757 , 511 , 147598
00:29:51 12291 , 9.81 , 12318 , 757 , 510 , 153182
00:29:57 12291 , 9.99 , 12317 , 758 , 509 , 151025
00:30:01 12291 , 10.04 , 12317 , 758 , 509 , 149664
00:30:01 Best Focus is: 12317
00:30:10 12317 , 2.42 , 12317 , 757 , 509 , 151573
00:30:11 Focusing Completed
00:30:11 Focus time = 72 sec
00:30:18 Single Exp. HFD: 2.38 @ 12317 X: 758 Y: 508 Flux: 144534
00:30:24 Single Exp. HFD: 2.38 @ 12317 X: 758 Y: 508 Flux: 148700
00:30:28 Single Exp. HFD: 2.36 @ 12317 X: 758 Y: 509 Flux: 152529
00:30:33 Single Exp. HFD: 2.47 @ 12317 X: 758 Y: 508 Flux: 156866
00:30:38 Single Exp. HFD: 2.39 @ 12317 X: 758 Y: 509 Flux: 154723
01:05:28
01:05:28 System: c8_st8_pyxis_f10
01:05:28 ** Beginning Focus run **
01:05:28 LS: -0.374183 RS: 0.373880 PID: 0.92 NFHFD: 10
01:05:28 Move direction: out
01:05:28 Temperature = 629.0
01:05:28 Filter number = 0
01:05:28 Current position = 12317
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01:05:28 Focus Start: 12244
01:05:44 Target star found at X = 763, Y = 510
01:05:44 Focus exposures will be 1.00 sec
01:05:51 Star is too close to frame edge or is too weak; increasing frame size
01:05:51 Increasing frame width
01:05:59 Position , HFD , Mean Best Focus , X , Y , Flux
01:05:59 12244 , 27.23 , 0 , 762 , 513 , 56984
01:06:07 12267 , 18.72 , 0 , 759 , 513 , 54295
01:06:07 On correct side of focus
01:06:07 Move to Near Focus HFD
01:06:15 12290 , 10.37 , 0 , 758 , 515 , 51911
01:06:15 ** Starting Near Focus **
01:06:15 Position , HFD , Mean Best Focus , X , Y , Flux
01:06:15 12290 , 10.37 , 12317 , 758 , 515 , 51911
01:06:21 12290 , 10.06 , 12317 , 759 , 515 , 50696
01:06:28 12290 , 10.00 , 12317 , 759 , 516 , 53471
01:06:35 12290 , 10.03 , 12317 , 759 , 516 , 59304
01:06:42 12290 , 9.76 , 12316 , 760 , 518 , 63597
01:06:42 Best Focus is: 12316
01:06:51 12316 , 2.49 , 12316 , 760 , 517 , 59450
01:06:52 Focusing Completed
01:06:52 Focus time = 84 sec
01:07:00 Single Exp. HFD: 2.54 @ 12316 X: 760 Y: 517 Flux: 63965
01:07:05 Single Exp. HFD: 2.47 @ 12316 X: 760 Y: 518 Flux: 53878
01:07:10 Single Exp. HFD: 2.51 @ 12316 X: 761 Y: 519 Flux: 44538
01:07:15 Single Exp. HFD: 2.62 @ 12316 X: 761 Y: 519 Flux: 40435
01:07:20 Single Exp. HFD: 2.62 @ 12316 X: 761 Y: 519 Flux: 50447
01:16:45 System: c8_st8_pyxis_f10
01:16:45 ** Beginning Focus run **
01:16:45 LS: -0.374183 RS: 0.373880 PID: 0.92 NFHFD: 10
01:16:45 Move direction: Out
01:16:45 Temperature = 630.0
01:16:45 Filter number = 0
01:16:45 Current position = 12316
01:16:45 Focus Start: 12244
01:17:00 Target star found at X = 786, Y = 515
01:17:00 Focus exposures will be 1.00 sec
01:17:08 Position , HFD , Mean Best Focus , X , Y , Flux
01:17:08 12244 , 26.05 , 0 , 784 , 513 , 15306
01:17:16 12265 , 17.90 , 0 , 785 , 511 , 12119
01:17:16 On correct side of focus
01:17:16 Move to Near Focus HFD
01:17:24 12286 , 11.18 , 0 , 789 , 512 , 18236
01:17:24 ** Starting Near Focus **
01:17:24 Position , HFD , Mean Best Focus , X , Y , Flux
01:17:24 12286 , 11.18 , 12315 , 789 , 512 , 18236
01:17:31 12286 , 10.76 , 12315 , 789 , 512 , 21841
01:17:35 12286 , 10.58 , 12315 , 789 , 512 , 21314
01:17:42 12286 , 10.93 , 12315 , 789 , 512 , 20962
01:17:45 12286 , 10.95 , 12315 , 790 , 513 , 27424
01:17:45 Best Focus is: 12315
01:17:54 12315 , 2.68 , 12315 , 790 , 514 , 34075
01:17:55 Focusing Completed
01:17:55 Focus time = 71 sec
01:18:03 Single Exp. HFD: 2.82 @ 12315 X: 791 Y: 516 Flux: 41386
01:18:08 Single Exp. HFD: 2.44 @ 12315 X: 791 Y: 517 Flux: 37200
01:18:13 Single Exp. HFD: 3.20 @ 12315 X: 792 Y: 520 Flux: 45614
01:18:18 Star is too close to frame edge or is too weak
01:18:18 Increasing subframe width, attempt 1
01:18:26 Star is too close to frame edge or is too weak
01:18:26 Increasing subframe width, attempt 2
01:18:35 Single Exp. HFD: 2.94 @ 12315 X: 792 Y: 610 Flux: 40950
01:18:43 Single Exp. HFD: 2.78 @ 12315 X: 792 Y: 609 Flux: 43232
01:24:31 System: c8_st8_pyxis_f10
01:24:31 ** Beginning Focus run **
01:24:31 LS: -0.374183 RS: 0.373880 PID: 0.92 NFHFD: 10
01:24:31 Move direction: Out
01:24:31 Temperature = 630.0
01:24:31 Filter number = 0
01:24:31 Current position = 12315
01:24:31 Focus Start: 12244
01:24:46 Target star found at X = 766, Y = 503
01:24:46 Focus exposures will be 1.00 sec
01:24:53 Position , HFD , Mean Best Focus , X , Y , Flux
01:24:53 12244 , 5.18 , 0 , 764 , 493 , 3830
01:24:53 HFD < NearFocus HFD
01:25:03 Star is too close to frame edge or is too weak
01:25:03 Increasing frame width
01:25:11 12228 , 32.43 , 0 , 765 , 505 , 25761
01:25:11 On correct side of focus
01:25:11 Move to Near Focus HFD
01:25:19 12258 , 22.23 , 0 , 767 , 510 , 31955
01:25:28 Star is too close to frame edge or is too weak; increasing frame size
01:25:28 Increasing frame width
01:25:35 12274 , 16.41 , 0 , 768 , 510 , 25964
01:25:43 12291 , 9.23 , 0 , 769 , 510 , 25022
01:25:43 ** Starting Near Focus **
01:25:43 Position , HFD , Mean Best Focus , X , Y , Flux

01:25:43 12291 , 9.23 , 12315 , 769 , 510 , 25022
01:25:50 12291 , 9.20 , 12315 , 769 , 509 , 24977
01:25:56 12291 , 9.85 , 12316 , 769 , 510 , 24107
01:26:03 12291 , 9.44 , 12316 , 769 , 510 , 27165
01:26:07 12291 , 9.41 , 12316 , 770 , 510 , 27465
01:26:07 Best Focus is: 12316
01:26:15 12316 , 2.74 , 12316 , 770 , 511 , 19215
01:26:16 Focusing Completed
01:26:16 Focus time = 106 sec
01:26:24 Single Exp. HFD: 2.67 @ 12316 X: 770 Y: 510 Flux: 15919
01:26:28 Single Exp. HFD: 2.53 @ 12316 X: 770 Y: 509 Flux: 11694
01:26:33 Single Exp. HFD: 2.49 @ 12316 X: 770 Y: 508 Flux: 10803
01:26:38 Single Exp. HFD: 2.68 @ 12316 X: 771 Y: 508 Flux: 11183
01:26:43 Single Exp. HFD: 2.74 @ 12316 X: 771 Y: 508 Flux: 12190
02:08:24
02:08:24 System: c8_st8_pyxis_f10
02:08:24 ** Beginning Focus run **
02:08:24 LS: -0.374183 RS: 0.373880 PID: 0.92 NFHFD: 10
02:08:24 Move direction: Out
02:08:24 Temperature = 630.0
02:08:24 Filter number = 0
02:08:24 Current position = 12316
02:08:24 Focus Start: 12244
02:08:40 Target star found at X = 743, Y = 499
02:08:40 Focus exposures will be 1.00 sec
02:08:47 Position , HFD , Mean Best Focus , X , Y , Flux
02:08:47 12244 , 25.47 , 0 , 744 , 500 , 372009
02:08:56 12265 , 17.76 , 0 , 747 , 502 , 376774
02:08:56 On correct side of focus
02:08:56 Move to Near Focus HFD
02:09:04 12286 , 10.50 , 0 , 748 , 503 , 381876
02:09:04 ** Starting Near Focus **
02:09:04 Position , HFD , Mean Best Focus , X , Y , Flux
02:09:04 12286 , 10.50 , 12314 , 748 , 503 , 381876
02:09:11 12286 , 10.35 , 12313 , 748 , 504 , 374473
02:09:18 12286 , 10.09 , 12313 , 748 , 505 , 362358
02:09:21 12286 , 10.43 , 12313 , 748 , 505 , 370102
02:09:25 12286 , 10.22 , 12313 , 748 , 506 , 374053
02:09:25 Best Focus is: 12313
02:09:34 12313 , 2.68 , 12313 , 749 , 506 , 367542
02:09:35 Focusing Completed
02:09:35 Focus time = 71 sec
02:09:44 Single Exp. HFD: 2.85 @ 12313 X: 749 Y: 508 Flux: 377024
02:09:48 Single Exp. HFD: 2.53 @ 12313 X: 749 Y: 510 Flux: 365698
02:09:53 Single Exp. HFD: 2.72 @ 12313 X: 749 Y: 511 Flux: 375925
02:09:58 Single Exp. HFD: 5.50 @ 12313 X: 745 Y: 526 Flux: 384288
02:10:03 Star is too close to frame edge or is too weak
02:10:03 Increasing Subframe width, attempt 1
02:10:11 Single Exp. HFD: 2.76 @ 12313 X: 732 Y: 578 Flux: 388089
02:45:48
02:45:48 System: c8_st8_pyxis_f10
02:45:48 ** Beginning Focus run **
02:45:48 LS: -0.374183 RS: 0.373880 PID: 0.92 NFHFD: 10
02:45:48 Move direction: Out
02:45:48 Temperature = 630.0
02:45:48 Filter number = 0
02:45:48 Current position = 12313
02:45:48 Focus Start: 12244
02:46:04 Target star found at X = 762, Y = 503
02:46:04 Focus exposures will be 1.00 sec
02:46:11 Position , HFD , Mean Best Focus , X , Y , Flux
02:46:11 12244 , 26.52 , 0 , 762 , 505 , 363433
02:46:19 12266 , 18.33 , 0 , 765 , 506 , 355512
02:46:19 On correct side of focus
02:46:19 Move to Near Focus HFD
02:46:27 12288 , 10.02 , 0 , 767 , 508 , 349510
02:46:27 ** Starting Near Focus **
02:46:27 Position , HFD , Mean Best Focus , X , Y , Flux
02:46:27 12288 , 10.02 , 12314 , 767 , 508 , 349510
02:46:34 Star is too close to frame edge or is too weak; increasing frame size
02:46:34 Increasing frame width
02:46:42 12288 , 0.00 , 12301 , 723 , 464 , 0
02:46:49 Error in modHFR Sub StarIntersectsFrameEdge
02:46:49 Star is too close to frame edge or is too weak
02:46:49 Increasing frame width
02:46:55 Star is too close to frame edge or is too weak
02:47:04 Star is too close to frame edge or is too weak
02:47:04 Increasing Subframe width, attempt 1
02:47:11 Star is too close to frame edge or is too weak
02:47:11 Increasing Subframe width, attempt 2
02:47:17 Star is too close to frame edge or is too weak
02:47:17 Increasing Subframe width, attempt 3
02:47:25 No star found
02:47:35 12288 , 0.00 , 12296 , 655 , 396 , 0
02:47:41 Error in modHFR Sub StarIntersectsFrameEdge
02:47:41 Star is too close to frame edge or is too weak
02:47:41 Increasing frame width
02:47:48 Star is too close to frame edge or is too weak
02:47:56 Star is too close to frame edge or is too weak
02:47:56 Increasing Subframe width, attempt 1

02:48:03 Star is too close to frame edge or is too weak
02:48:03 Increasing Subframe Width, attempt 2
02:48:10 Star is too close to frame edge or is too weak
02:48:10 Increasing Subframe Width, attempt 3
02:48:18 Star is too close to frame edge or is too weak
02:48:27 Star is too close to frame edge or is too weak
02:48:36 Star is too close to frame edge or is too weak
02:48:36 Can not measure HFD for this image
02:48:41 Moving to previous focus position of 12313
03:23:49
03:23:49 System: c8_st8_pyxis_f10
03:23:49 ** Beginning Focus run **
03:23:49 LS: -0.374183 RS: 0.373880 PID: 0.92 NFHFD: 10
03:23:49 Move direction: Out
03:23:49 Temperature = 630.0
03:23:49 Filter number = 0
03:23:49 Current position = 12313
03:23:49 Focus Start: 12244
03:24:04 Target star found at X = 828, Y = 588
03:24:04 Focus exposures will be 1.00 sec
03:24:11 Position , HFD , Mean Best Focus , X , Y , Flux
03:24:11 12244 , 26.90 , 0 , 827 , 590 , 294824
03:24:20 12267 , 18.04 , 0 , 830 , 591 , 299049
03:24:20 On correct side of focus
03:24:20 Move to Near Focus HFD
03:24:28 12288 , 10.72 , 0 , 830 , 591 , 298047
03:24:28 ** Starting Near Focus **
03:24:28 Position , HFD , Mean Best Focus , X , Y , Flux
03:24:28 12288 , 10.72 , 12316 , 830 , 591 , 298047
03:24:35 12288 , 10.42 , 12316 , 830 , 591 , 292737
03:24:42 12288 , 10.40 , 12316 , 830 , 593 , 293722
03:24:46 12288 , 10.22 , 12315 , 830 , 594 , 290337
03:24:52 12288 , 10.37 , 12315 , 830 , 593 , 290767
03:24:52 Best Focus is: 12315
03:25:01 12315 , 2.47 , 12315 , 831 , 595 , 283579
03:25:02 Focusing Completed
03:25:02 Focus time = 74 sec
03:25:10 Single Exp. HFD: 2.64 @ 12315 X: 831 Y: 595 Flux: 293746
03:25:15 Single Exp. HFD: 2.68 @ 12315 X: 831 Y: 596 Flux: 278308
03:25:20 Single Exp. HFD: 2.40 @ 12315 X: 831 Y: 596 Flux: 284988
03:25:25 Single Exp. HFD: 2.78 @ 12315 X: 831 Y: 598 Flux: 283908
03:25:30 Single Exp. HFD: 2.77 @ 12315 X: 831 Y: 598 Flux: 280436
03:39:46
03:39:46 System: c8_st8_pyxis_f10
03:39:46 ** Beginning Focus run **
03:39:46 LS: -0.374183 RS: 0.373880 PID: 0.92 NFHFD: 10
03:39:46 Move direction: Out
03:39:46 Temperature = 630.0
03:39:46 Filter number = 0
03:39:46 Current position = 12315
03:39:46 Focus Start: 12244
03:40:02 Target star found at X = 761, Y = 502
03:40:02 Focus exposures will be 1.00 sec
03:40:09 Star is too close to frame edge or is too weak; increasing frame size
03:40:09 Increasing frame width
03:40:17 Star is too close to frame edge or is too weak
03:40:17 Increasing frame width
03:40:26 Position , HFD , Mean Best Focus , X , Y , Flux
03:40:26 12244 , 27.94 , 0 , 736 , 587 , 68567
03:40:35 12268 , 18.08 , 0 , 739 , 590 , 83642
03:40:35 On correct side of focus
03:40:35 Move to Near Focus HFD
03:40:43 12290 , 10.18 , 0 , 739 , 592 , 98376
03:40:43 ** Starting Near Focus **
03:40:43 Position , HFD , Mean Best Focus , X , Y , Flux
03:40:43 12290 , 10.18 , 12317 , 739 , 592 , 98376
03:40:50 12290 , 9.84 , 12316 , 738 , 594 , 72151
03:40:57 12290 , 9.90 , 12316 , 739 , 594 , 66305
03:41:03 12290 , 10.03 , 12316 , 739 , 594 , 32870
03:41:10 12290 , 10.31 , 12316 , 739 , 595 , 14025
03:41:10 Best Focus is: 12316
03:41:19 12316 , 2.74 , 12316 , 740 , 596 , 5883
03:41:20 Focusing Completed
03:41:20 Focus time = 94 sec
03:41:28 Single Exp. HFD: 2.80 @ 12316 X: 739 Y: 597 Flux: 7831
03:41:33 Single Exp. HFD: 2.82 @ 12316 X: 739 Y: 598 Flux: 8092
03:41:38 Single Exp. HFD: 2.86 @ 12316 X: 740 Y: 597 Flux: 4780
03:41:43 Single Exp. HFD: 3.29 @ 12316 X: 740 Y: 599 Flux: 5633
03:41:48 Single Exp. HFD: 7.24 @ 12316 X: 742 Y: 600 Flux: 1252