20:47:47 855 - DragScript Run

20:47:47 888 - Action Start

20:47:47 890 - Emergency Events Detections reset done

20:47:47 892 - DragScript Called : C:\Users\AstroNUC\Documents\Voyager\Script\M100.vos

20:47:49 134 - Prepare Script Running Environment

20:47:50 327 - Script configured to Start with Events ENABLED

20:47:50 332 - Script Started

20:47:50 337 - Instruction [1]=> Start: Events At Start are ENABLE

20:47:50 382 - Instruction [2]=> Script

20:47:50 386 - Instruction [3]=> Block: Startup 45 min after Astronomical Darkness

20:47:50 435 - Instruction [4]=> Remark:
==========

20:47:50 442 - Instruction [5]=> Remark: ---- This block connects your equipment and other software

20:47:50 511 - Instruction [6]=> Wait Astronomical Night: Manual Data [LAT:47° 45' 00" N LON: 07° 23' 44" E] - Offset (After) 00:45:00 [hh:mm:ss]

20:47:50 513 - Run Action => Wait Astronomical Night: Manual Data [LAT:47° 45' 00" N LON: 07° 23' 44" E] - Offset (After) 00:45:00 [hh:mm:ss]

20:47:50 516 - Astronomical Night Start => 2020/03/27 20:40:00 End => 2020/03/28 04:32:00

20:47:50 518 - Date Time with offset is => 2020/03/27 21:25:00

21:25:00 536 - Waiting Astronomical Night with Offset done

21:25:00 542 - Instruction [7]=> Connect Setup

21:25:00 566 - Run Action => Connect Setup

21:25:00 568 - Start Setup Connect (Timeout 60s)

21:25:18 383 - Setup is Connected

21:25:18 421 - Instruction [8]=> IF OK

21:25:18 426 - Instruction [9]=> Unparking

21:25:18 429 - Run Action => Unparking

21:25:18 439 - Unpark Mount

21:25:18 457 - Mount Unparking ...

21:25:18 470 - Mount Unparked

21:25:18 486 - Mount Unparked but Driver say Tracking is OFF, try start tracking ...

21:25:18 637 - Mount Tracking Started

21:25:18 641 - Unpark Mount Done

21:25:18 645 - Action Time [UNPARK_MOUNT] => 0 [m] 0 [s]

21:25:18 649 - Action Time Mobile Mean [UNPARK_MOUNT] => 0 [m] 1 [s]

21:25:18 655 - Instruction [10]=> Goto Block: Initial Setup

21:25:18 722 - Instruction [17]=> Block: Initial Setup

21:25:18 748 - Instruction [18]=> Stop Tracking

21:25:18 751 - Run Action => Stop Tracking

21:25:18 755 - Stop Mount Tracking

21:25:18 824 - Stop Mount Tracking Done

21:25:18 829 - Instruction [19]=> Cool Down: -20[°C] - Sync Cooling - Use CCD Firmware Cooldown

21:25:18 854 - Run Action => Cool Down: -20[°C] - Sync Cooling - Use CCD Firmware Cooldown

21:25:18 857 - Camera Cooling Down

21:25:18 860 - Actual Cooling Temp 5,50 °C

21:25:18 888 - Peltier Powered ON

21:25:18 892 - Cooling Set To -20[°C] Started with timeout of 420[s]

21:30:32 256 - Cooling Plan terminated

21:30:32 279 - Cooling Done

21:30:32 282 - Action Time [ATOMIC_COOLING] => 5 [m] 13 [s]

21:30:32 286 - Action Time Mobile Mean [ATOMIC_COOLING] => 1 [m] 29 [s]

21:30:32 289 - Camera Cooling Down Done

21:30:32 335 - Instruction [20]=> IF OK

21:30:32 343 - Instruction [21]=> Goto Block: Slew, Blind Solve and Sync

21:30:32 410 - Instruction [22]=> Block: Slew, Blind Solve and Sync

21:30:32 428 - Instruction [23]=> Goto ALT/AZ: ALT 50 - AZ 170 - FC: False

21:30:32 434 - Run Action => Goto ALT/AZ: ALT 50 - AZ 170 - FC: False

21:30:32 460 - Telescope Goto ALT/AZ [CALCULATED with Conversion RA/DEC]

21:30:32 473 - Actual Position (JNow) (RA=15 23 01,279 / DEC=90 00 00,00)

21:30:32 673 - Calculated Data for Dome is ALT=50 00 01,23 ;AZ=170 00 16,13 ;HA=-00:25:54;Latitude=47 45 00,00 ;Pier=pierWest

21:30:32 677 - Pier Flip Status After Last Slew = pierWest (DRV)(0)

21:30:32 681 - Expected Pier Flip Status After Slew = pierWest (DRV)(0)

21:30:32 705 - Slewing Async (JNow) RA=09 48 55,756 DEC=08 07 47,43 ...

21:31:03 834 - Waiting Settling Time (5s)...

21:31:08 839 - Mount Assert Stable (5s)...

21:31:08 842 - Actual Position (JNow) (RA=09 48 56,434 / DEC=08 07 47,43)

21:31:08 868 - Telescope Goto ALT/AZ Done

21:31:08 871 - Action Time [ATOMIC_TELESCOPE_GOTO] => 0 [m] 36 [s]

21:31:08 874 - Action Time Mobile Mean [ATOMIC_TELESCOPE_GOTO] => 0 [m] 10 [s]

21:31:08 877 - Reload Pier Flip Status After Slew = pierWest (DRV)(0)

21:31:08 882 - Instruction [24]=> Start Tracking

21:31:08 906 - Run Action => Start Tracking

21:31:08 909 - Start Mount Tracking

21:31:08 913 - Start Mount Tracking Done

21:31:08 924 - Instruction [25]=> Blind Solving with Sync

21:31:08 942 - Run Action => Blind Solving with Sync

21:31:09 009 - Blind Solving Actual Location With Sync

21:31:13 037 - Exposing 3 [s] ; Filter=L ; Type=LIGHT ; Binning=1

21:31:16 615 - Expose finished

21:31:16 619 - Download started

21:31:17 417 - Download finished

21:31:19 808 - File FIT Saved (SyncVoyager_20200327_213108)

21:31:19 835 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 10 [s]

21:31:19 838 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 56 [s]

21:31:19 883 - Blind Solving FIT File SyncVoyager_20200327_213108.fit

21:31:42 436 - Solved (J2000) => RA 09 54 14,000 DEC 09 36 24,53 PA 275,7 Res. 1,71 [as/px] Star/s 22140

21:31:42 441 - Action Time [ATOMIC_BLIND_SOLVING_FILE] => 0 [m] 22 [s]

21:31:42 446 - Action Time Mobile Mean [ATOMIC_BLIND_SOLVING_FILE] => 1 [m] 34 [s]

21:31:42 491 - Telescope Coord Before Sync => (JNow) RA=09 48 56,436 DEC=08 07 47,43

21:31:42 505 - Begin Sync

21:31:42 521 - Solved (J2000) coord converted to (JNow) RA=09 55 18,471 DEC=09 30 38,02

21:31:46 565 - Mount Sync on (JNow) RA=09 55 18,471 DEC=09 30 38,02

21:31:46 609 - Telescope Coord After Sync (JNow) => RA=09 55 18,463 DEC=09 30 38,01

21:31:46 612 - Blind Solving Actual Location With Sync Done

21:31:46 615 - Action Time [BLIND_SOLVING_ACTUAL_LOCATION] => 0 [m] 37 [s]

21:31:46 618 - Action Time Mobile Mean [BLIND_SOLVING_ACTUAL_LOCATION] => 0 [m] 36 [s]

21:31:46 664 - Instruction [26]=> IF OK

21:31:46 712 - Instruction [27]=> Remark: ---- Blind solve succeed, jump to Calibrate block to calibrate guider

21:31:46 779 - Instruction [28]=> Goto Block: Calibrate

21:31:46 808 - Instruction [36]=> Block: Calibrate

21:31:46 834 - Instruction [37]=> Calibrate Guide: Time 0,5 [s] - Binning 2 - Use RoboGuide Star Selection

21:31:46 838 - Run Action => Calibrate Guide: Time 0,5 [s] - Binning 2 - Use RoboGuide Star Selection

21:31:46 842 - Calibrate Guide

21:31:47 662 - Guiding System Environment Set to Exposing frame time 0,5 [s] ; Binning=2

21:31:47 770 - Exposure Time Array Checked

21:31:47 899 - Exposure Time Settled

21:31:47 906 - Exposure Binning Settled

21:31:47 910 - Dome Slave Manager : Dome Object is Null

21:31:47 935 - Calibration Started

21:31:49 781 - Event ROBOGUIDE => Start Star AutoFind => 2020/03/27 21:31:49 763

21:31:49 889 - Event ROBOGUIDE => Use Min Edge to Border Frame of (14,14) pixel

21:31:49 895 - Event ROBOGUIDE => Use Min HFD for Guide Star Selection of 1 pixel

21:31:50 237 - Event ROBOGUIDE => Cannot Use Satured or Near Satured Star

21:31:50 240 - Event ROBOGUIDE => Star AutoFind Result => Star at [438,1,345,03];Intensity=40,681;Mass=635,3;SNR=22,8;Peak=255;HFD=1,74;IsNearSaturationOrSaturated=False

21:35:45 817 - BroadCastEteroMessagge : GUIDING_ALERT_MESSAGE

21:35:45 823 - Calibration Completed with Star Located @(x=438,104;y=345,05)

21:35:45 827 - Wait Calibration Command Settled for 3s

21:35:48 968 - Guiding Vector Data Log => Not Implemented !

21:35:48 972 - Calibration Guide Done

21:35:48 977 - Action Time [ATOMIC_GUIDE_CALIBRATION] => 4 [m] 2 [s]

21:35:48 981 - Action Time Mobile Mean [ATOMIC_GUIDE_CALIBRATION] => 4 [m] 14 [s]

21:35:49 027 - Instruction [38]=> IF OK

21:35:49 077 - Instruction [39]=> Goto Block: Sequence 1

21:35:49 145 - Instruction [46]=> Block: Sequence 1

21:35:49 174 - Instruction [47]=> Sequence: Start Immediately - End 01:00:00 [hh:mm:ss] - C:\Users\AstroNUC\Documents\Voyager\ConfigSequence\M100.s2q

21:35:49 185 - Run Action => Sequence: Start Immediately - End 01:00:00 [hh:mm:ss] - C:\Users\AstroNUC\Documents\Voyager\ConfigSequence\M100.s2q

21:35:49 193 - Sequence

21:35:49 369 - Action Data:

==========

Sequence Info

==========

Type

NORMALE

Target

Name = M100

RA (JNow)= 12 21 07,805

DEC (JNow)= 15 03 30,43

Start Flag

NORMAL

Precise Point Target on Start = True

Mode = ELEMENTO_COMPLETO

State = IDLE

Is Planned = True

Cooling Managed = True

Is Exit for Altitude lower than 30 00 00,00 [DMS]

Cooling Data

Power ON after Time Wait On Start = False

Async Mode = True

Set Temperature = -20[°C]

Cooling Time = Use CCD Internal Firmware

Deviation Value for Settling = 0,5[°C]

Deviation Time for Settling = 60[s]

Timeout for Settling = 420[s]

Cooling AutoScale = False

Goto Retry On Driver Error = False

Tracking Stop Watchdog = False

Disable Plate Solving = False

Bypass Default Plate Solving FIlter and Use Actual = False

Bypass DEFAULT Setting and use this OVERRIDE Setting for Plate Solving = True

Plate Solve Override Exposure = 10[s]

Plate Solve Override Exposure Binning = 1

Plate Solve Override Filter = [3]L

Plate Solve Override SubFrame = Full Frame

Guided Sequence = True

Guide Data

Guide Star Selection Method = Voyager RoboGuide

Expose Time = 0,5[s]

Expose Binning = 2

Star Lost Action % = 60

Star Lost Calculated Max per minute = 72

AO Centering Mode = None

Calibrate Guide = True

Calibration Data

Expose Time = 0,5[s]

Expose Binning = 2

Is AO Guiding = False

Guide Star Acquire Data

Expose Time = 0,5[s]

Expose Binning = 2

Is Automatic Selection = False

Min ADU = 0

Max ADU = 0

Is Auto Exposure = False

Min Expose Time = 0[s]

Max Expose Time = 0[s]

Is AO Guiding = False

Min Pixel Distance From Border = 0[px]

Star Lost Detection = True

Star Lost Data

Star Lost Percentuage = 60[%]

Star Lost Limit = 72[Max Occourrence for minute]

Guide Dithering = False

Realign to Target = False

Delay Between Images = True

Delay Between Images = 2[s]

Directory Base = C:\Users\AstroNUC\Documents\Voyager\Sequence\M100

Subfolder for Logical Date in Directory Base = True

Subfolder for Filter = True

Meridian Flip Mode = MANAGE

Flip Rotator On Meridian Flip = False

Inject Focus On Meridian Flip = True

Force Meridian Flip With Abort = True

Max Time in Minutes Allowed = 2

Force Meridian Flip if happen Outside Voyager = True

Abort Sequence if Meridian Retry > 3

Wait At Start = True

Wait Mode = Absolute

Time = 27/03/2020 21:35:49

Stop Tracking On Start e Restart On Time Wait elapsed = False

Open Flat Device Cover = False

Close Flat Device Cover ON END = False

Close Flat Device Cover ON ERROR = False

Focus Method = Focus With Voyager RoboStar VCurve

Is Focus on Start = True

Is Focus by Slot = True

Is Focus Each Exposure = False

Is Focus Each Minute(s) = False

Is Focus Each Delta Temperature [°C or ADU] = True

Each 2 [°C or ADU]

Using Actual Filter

Is Focus Each Delta Altitude [°] = False

Is Focus Star Pointed with Low Precision = False

Is Focus HFD Max Variation Percentuage Watchdog = False

Force use of RoboStar Focus Mode on First Focus

Focus Star

Before Meridan

RA = 00 00 00,000

DEC = 00 00 00,00

NAME =

After Meridan

RA = 00 00 00,000

DEC = 00 00 00,00

NAME =

Predefinited Filter

[5]G

Is Timer End = True

Timer End Mode = Absolute

End Time = 28/03/2020 01:00:00

Finish Actual Exposure = False

Redo Expose On Error = False

On End Do Warmup = False

On End Do Warmup Sync = False

On End Do GoodNight = False

On End Do GoodNight With Park = False

On End Do GoodNight With Warmup Async = False

On End Do GoodNight With Warmup Sync = False

On Error Do GoodNight = False

On Error Do GoodNight With Park = False

On Error Do GoodNight With Warmup Async = False

On Error Do GoodNight With Warmup Sync = False

Is SubFrame Enabled = False

Sequence Elements

[1] Type=LIGHT (0) - Exp[s]=180 - Filter= (3) - Bin=1 - Speed=Default (0) - ReadOut=Default (0) - Num=60

[2] Type=DARK (2) - Exp[s]=180 - Filter= (7) - Bin=1 - Speed=Default (0) - ReadOut=Default (0) - Num=31

Is Repeat = False

==========

21:35:49 375 - This Action have a timer end settled !!! Will be stop at 28/03/2020 01:00:00!!!

21:35:49 380 - Memory GC Collect

21:35:49 395 - Check Voyager Environment

21:35:49 404 - Focus needed at start with filter [L]- Using By Slot Mode - Slot [1]

21:35:49 409 - Request FOCUS Injection Filter (L) - Overrides the previous !

21:35:49 425 - Reset All Last AutoFocus Counters

21:35:49 429 - ASYNC Cooling Down

21:35:49 433 - Actual Cooling Temp -20,00 °C

21:35:49 462 - Cooling ASYNC Done

21:35:49 465 - Action Time [ATOMIC_COOLING] => 0 [m] 0 [s]

21:35:49 469 - Action Time Mobile Mean [ATOMIC_COOLING] => 1 [m] 22 [s]

21:35:49 561 - Wait Before Start

21:35:49 564 - Time Wait Start @ 27/03/2020 21:35:49

21:35:49 569 - Absolute Wait End @ 27/03/2020 21:35:49

21:35:49 772 - Target is in range with requested Min Altitude 41 43 54,53 >= 30 00 00,00 [DMS]

21:35:49 866 - Action Time [ATOMIC_WAIT_FOR_TIME] => 0 [m] 0 [s]

21:35:49 878 - Action Time Mobile Mean [ATOMIC_WAIT_FOR_TIME] => 0 [m] 2 [s]

21:35:49 945 - Shutdown Guide

21:35:51 783 - Event GUIDING STOPPED

21:35:51 876 - Event GUIDING LOCK LOST POSITION

21:35:56 147 - Guide Stopped

21:35:56 196 - Action Time [ATOMIC_GUIDE_MANAGER] => 0 [m] 6 [s]

21:35:56 207 - Action Time Mobile Mean [ATOMIC_GUIDE_MANAGER] => 0 [m] 18 [s]

21:35:56 253 - First Precise Pointing to Target

21:35:56 266 - Plate Solving Data for Precise Pointing Override done

21:35:56 287 - Actual Position (JNow) (RA=09 55 18,205 / DEC=09 30 40,16)

21:35:56 313 - Calculated Data for Dome is ALT=41 44 52,97 ;AZ=117 41 09,58 ;HA=-02:52:41;Latitude=47 45 00,00 ;Pier=pierWest

21:35:56 318 - Pier Flip Status After Last Slew = pierWest (DRV)(0)

21:35:56 323 - Expected Pier Flip Status After Slew = pierWest (DRV)(0)

21:35:56 329 - Slewing Async (JNow) RA=12 21 07,805 DEC=15 03 30,43 ...

21:36:13 441 - Waiting Settling Time (5s)...

21:36:18 447 - Mount Assert Stable (5s)...

21:36:18 450 - Actual Position (JNow) (RA=12 21 08,217 / DEC=15 03 30,40)

21:36:18 476 - Action Time [ATOMIC_TELESCOPE_GOTO] => 0 [m] 22 [s]

21:36:18 490 - Action Time Mobile Mean [ATOMIC_TELESCOPE_GOTO] => 0 [m] 10 [s]

21:36:18 495 - Reload Pier Flip Status After Slew = pierWest (DRV)(0)

21:36:18 956 - Exposing 10 [s] ; Filter=L ; Type=LIGHT ; Binning=1

21:36:29 345 - Expose finished

21:36:29 369 - Download started

21:36:30 174 - Download finished

21:36:32 709 - File FIT Saved (SyncVoyager_20200327_213618)

21:36:32 734 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 14 [s]

21:36:32 740 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 56 [s]

21:36:32 769 - Solving Unreferenced FIT File SyncVoyager_20200327_213618.fit

21:36:32 773 - Action Start

21:36:32 778 - Starting Executable (PlateSolve2.exe) => PlateSolve2.exe

21:36:32 784 - Arguments => 3.22932543170917,0.264780860346677,0.0385997017371066,0.0291819050933452,999,C:\Users\AstroNUC\Documents\Voyager\FIT\SyncVoyager_20200327_213618.fit,0

21:36:32 800 - Wait for finish with Kill Option for timeout => 60000[ms]

21:36:39 415 - EXEC finished OK

21:36:39 444 - Action Time [ATOMIC_RUN_EXTERNAL] => 0 [m] 6 [s]

21:36:39 450 - Action Time Mobile Mean [ATOMIC_RUN_EXTERNAL] => 0 [m] 3 [s]

21:36:39 455 - Action End : OK

21:36:39 460 - Solved (J2000) => RA 12 20 08,466 DEC 15 10 33,76 PA 275,8 Res. 1,71 [as/px] FL 457,29 [mm] Star/s 106

21:36:39 465 - Action Time [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 6 [s]

21:36:39 471 - Action Time Mobile Mean [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 7 [s]

21:36:39 489 - Action Time [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 20 [s]

21:36:39 494 - Action Time Mobile Mean [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 21 [s]

21:36:39 566 - Solved (J2000) coord converted to (JNow) RA=12 21 10,269 DEC=15 03 49,19

21:36:39 570 - Telescope Coord Before Sync => (JNow) RA=12 21 08,213 DEC=15 03 30,40

21:36:39 585 - Begin Sync

21:36:43 619 - Mount Sync on (JNow) RA=12 21 10,269 DEC=15 03 49,19

21:36:43 624 - Telescope Coord After Sync (JNow) => RA=12 21 10,261 DEC=15 03 49,21

21:36:43 629 - Target Coord (JNow) => RA=12 21 07,805 DEC=15 03 30,43

21:36:43 676 - Pointing Error Spherical => 00 00 40,24

21:36:43 680 - Pointing Error Position Angle => 242 10 09,87

21:36:43 685 - Error out of range [Max 00 00 18,000], retry another time [1]

21:36:43 692 - Actual Position (JNow) (RA=12 21 10,262 / DEC=15 03 49,21)

21:36:43 737 - Calculated Data for Dome is ALT=41 51 57,22 ;AZ=117 53 17,45 ;HA=-02:51:54;Latitude=47 45 00,00 ;Pier=pierWest

21:36:43 741 - Pier Flip Status After Last Slew = pierWest (DRV)(0)

21:36:43 745 - Expected Pier Flip Status After Slew = pierWest (DRV)(0)

21:36:43 748 - Slewing Async (JNow) RA=12 21 07,805 DEC=15 03 30,43 ...

21:36:44 472 - Waiting Settling Time (5s)...

21:36:49 473 - Mount Assert Stable (5s)...

21:36:49 498 - Actual Position (JNow) (RA=12 21 08,049 / DEC=15 03 30,40)

21:36:49 502 - Action Time [ATOMIC_TELESCOPE_GOTO] => 0 [m] 5 [s]

21:36:49 521 - Action Time Mobile Mean [ATOMIC_TELESCOPE_GOTO] => 0 [m] 10 [s]

21:36:49 526 - Reload Pier Flip Status After Slew = pierWest (DRV)(0)

21:36:49 936 - Exposing 10 [s] ; Filter=L ; Type=LIGHT ; Binning=1

21:37:00 359 - Expose finished

21:37:00 366 - Download started

21:37:01 155 - Download finished

21:37:03 752 - File FIT Saved (SyncVoyager_20200327_213649)

21:37:03 780 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 14 [s]

21:37:03 786 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 56 [s]

21:37:03 815 - Solving Unreferenced FIT File SyncVoyager_20200327_213649.fit

21:37:03 821 - Action Start

21:37:03 831 - Starting Executable (PlateSolve2.exe) => PlateSolve2.exe

21:37:03 847 - Arguments => 3.2293132456286,0.264780862014706,0.0385997017371066,0.0291819050933452,999,C:\Users\AstroNUC\Documents\Voyager\FIT\SyncVoyager_20200327_213649.fit,0

21:37:03 856 - Wait for finish with Kill Option for timeout => 60000[ms]

21:37:10 126 - EXEC finished OK

21:37:10 154 - Action Time [ATOMIC_RUN_EXTERNAL] => 0 [m] 6 [s]

21:37:10 159 - Action Time Mobile Mean [ATOMIC_RUN_EXTERNAL] => 0 [m] 3 [s]

21:37:10 165 - Action End : OK

21:37:10 170 - Solved (J2000) => RA 12 20 06,006 DEC 15 10 32,90 PA 275,8 Res. 1,71 [as/px] FL 457,3 [mm] Star/s 104

21:37:10 192 - Action Time [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 6 [s]

21:37:10 197 - Action Time Mobile Mean [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 7 [s]

21:37:10 202 - Action Time [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 20 [s]

21:37:10 207 - Action Time Mobile Mean [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 21 [s]

21:37:10 264 - Solved (J2000) coord converted to (JNow) RA=12 21 07,811 DEC=15 03 48,33

21:37:10 286 - Telescope Coord Before Sync => (JNow) RA=12 21 08,044 DEC=15 03 30,40

21:37:10 291 - Begin Sync

21:37:14 337 - Mount Sync on (JNow) RA=12 21 07,811 DEC=15 03 48,33

21:37:14 341 - Telescope Coord After Sync (JNow) => RA=12 21 07,815 DEC=15 03 48,35

21:37:14 346 - Target Coord (JNow) => RA=12 21 07,805 DEC=15 03 30,43

21:37:14 385 - Pointing Error Spherical => 00 00 17,93

21:37:14 389 - Pointing Error Position Angle => 180 29 11,39

21:37:14 393 - For your info the Best Performance obtained from your Mount in this pointing is 00° 00' 18"[DMS]

21:37:14 398 - Precision Point In Accepted Range

21:37:14 423 - Action Time [PRECISE_POINTING] => 1 [m] 18 [s]

21:37:14 441 - Action Time Mobile Mean [PRECISE_POINTING] => 1 [m] 26 [s]

21:37:14 466 - Focus Requested, Start Procedure

21:37:14 471 - Start Sequence-Focus with Voyager RoboStar Acquire Star and return [Forced]

21:37:14 475 - Plate Solving Data for Focus Slew and Back to Star Override done

21:37:14 569 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=2[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:14 644 - Found 0 Star[s], index [0], minimum requested 3 .. increase search radius !

21:37:14 648 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=4[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:14 676 - Found 0 Star[s], index [0], minimum requested 3 .. increase search radius !

21:37:14 691 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=6[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:14 716 - Found 0 Star[s], index [0], minimum requested 3 .. increase search radius !

21:37:14 719 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=8[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:14 766 - Found 0 Star[s], index [0], minimum requested 3 .. increase search radius !

21:37:14 769 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=10[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:14 806 - Found 0 Star[s], index [0], minimum requested 3 .. increase search radius !

21:37:14 814 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=15[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:14 840 - Found 0 Star[s], index [0], minimum requested 3 .. increase search radius !

21:37:14 845 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=30[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:14 946 - Wrong Focus Star HIP 57998;11,8966666666667;33,6152777777778;7;F0;19,378978823866;0,438333333542067;59,3846908342615 found in black list, cannot use ... skipped !

21:37:14 950 - Found 1 Star[s], index [0], minimum requested 3 .. increase search radius !

21:37:14 955 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=45[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:15 266 - Wrong Focus Star HIP 57998;11,8966666666667;33,6152777777778;7;F0;19,378978823866;0,438333333542067;59,3850029127537 found in black list, cannot use ... skipped !

21:37:15 272 - Found 6 Star[s] ! Using first 3 ..

21:37:15 276 - Star 1 Star HIP 64030 - RA 13:07:20 - DEC 00° 35' 04" - Mag. 7 - Distance 18° 40' 33" - Altitude 23 16 30,03 - Before Target - HA to Target -00:47:14 - HA to Meridian -03:37:34

21:37:15 282 - Star 2 Star HIP 53085 - RA 10:51:37 - DEC -21° 15' 00" - Mag. 7 - Distance 42° 23' 57" - Altitude 18 25 46,50 - After Target - HA to Target 01:28:29 - HA to Meridian -01:21:51

21:37:15 299 - Star 3 Star HIP 67529 - RA 13:50:08 - DEC 42° 33' 26" - Mag. 7 - Distance 33° 30' 44" - Altitude 44 59 05,25 - Before Target - HA to Target -01:30:02 - HA to Meridian -04:20:22

21:37:15 325 - Selected Star for Focus : Star HIP 64030 - RA 13:07:20 - DEC 00° 35' 04" - Mag. 7 - Distance 18° 40' 33" - Altitude 23 16 30,03 - Before Target - HA to Target -00:47:14 - HA to Meridian -03:37:34

21:37:15 329 - Actual Position (JNow) (RA=12 21 07,807 / DEC=15 03 48,35)

21:37:15 348 - Action Time [ATOMIC_TELESCOPE_GOTO] => 0 [m] 0 [s]

21:37:15 353 - Action Time Mobile Mean [ATOMIC_TELESCOPE_GOTO] => 0 [m] 10 [s]

21:37:15 358 - Action Time [PRECISE_POINTING] => 0 [m] 0 [s]

21:37:15 361 - Action Time Mobile Mean [PRECISE_POINTING] => 1 [m] 26 [s]

21:37:15 380 - Emergency Fast Goto Back Requested

21:37:15 385 - Actual Position (JNow) (RA=12 21 07,807 / DEC=15 03 48,35)

21:37:15 411 - Calculated Data for Dome is ALT=41 56 40,26 ;AZ=118 01 25,03 ;HA=-02:51:22;Latitude=47 45 00,00 ;Pier=pierWest

21:37:15 416 - Pier Flip Status After Last Slew = pierWest (DRV)(0)

21:37:15 421 - Expected Pier Flip Status After Slew = pierWest (DRV)(0)

21:37:15 427 - Slewing Async (JNow) RA=12 21 07,805 DEC=15 03 30,43 ...

21:37:17 959 - Waiting Settling Time (0s)...

21:37:17 985 - Mount Assert Stable (0s)...

21:37:18 002 - Actual Position (JNow) (RA=12 21 07,534 / DEC=15 03 48,35)

21:37:18 020 - Emergency Fast Goto Back To Target DONE [OK]

21:37:18 025 - Action Time [FOCUS_SLEW_STAR_BACK_TARGET] => 0 [m] 3 [s]

21:37:18 035 - Action Time Mobile Mean [FOCUS_SLEW_STAR_BACK_TARGET] => 3 [m] 17 [s]

21:37:18 039 - Action Time [ATOMIC_TELESCOPE_GOTO] => 0 [m] 2 [s]

21:37:18 043 - Action Time Mobile Mean [ATOMIC_TELESCOPE_GOTO] => 0 [m] 10 [s]

21:37:18 053 - Reload Pier Flip Status After Slew = pierWest (DRV)(0)

21:37:18 058 - Change RoboStar Star and retry focus !!

21:37:18 063 - Focus Requested, Start Procedure

21:37:18 083 - Start Sequence-Focus with Voyager RoboStar Acquire Star and return [Forced]

21:37:18 096 - Plate Solving Data for Focus Slew and Back to Star Override done

21:37:18 204 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=2[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:18 228 - Found 0 Star[s], index [1], minimum requested 3 .. increase search radius !

21:37:18 232 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=4[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:18 279 - Found 0 Star[s], index [1], minimum requested 3 .. increase search radius !

21:37:18 282 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=6[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:18 307 - Found 0 Star[s], index [1], minimum requested 3 .. increase search radius !

21:37:18 311 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=8[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:18 359 - Found 0 Star[s], index [1], minimum requested 3 .. increase search radius !

21:37:18 362 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=10[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:18 387 - Found 0 Star[s], index [1], minimum requested 3 .. increase search radius !

21:37:18 391 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=15[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:18 432 - Found 0 Star[s], index [1], minimum requested 3 .. increase search radius !

21:37:18 441 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=30[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:18 528 - Wrong Focus Star HIP 57998;11,8966666666667;33,6152777777778;7;F0;19,3789788247161;0,438333333513281;59,3944490690083 found in black list, cannot use ... skipped !

21:37:18 532 - Found 1 Star[s], index [1], minimum requested 3 .. increase search radius !

21:37:18 536 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=45[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:18 839 - Wrong Focus Star HIP 57998;11,8966666666667;33,6152777777778;7;F0;19,3789788247161;0,438333333513281;59,3947475584024 found in black list, cannot use ... skipped !

21:37:18 845 - Found 6 Star[s] ! Using first 3 ..

21:37:18 863 - Star 1 Star HIP 64030 - RA 13:07:20 - DEC 00° 35' 04" - Mag. 7 - Distance 18° 40' 33" - Altitude 23 17 02,21 - Before Target - HA to Target -00:47:14 - HA to Meridian -03:37:30

21:37:18 880 - Star 2 Star HIP 53085 - RA 10:51:37 - DEC -21° 15' 00" - Mag. 7 - Distance 42° 23' 57" - Altitude 18 25 59,06 - After Target - HA to Target 01:28:29 - HA to Meridian -01:21:47

21:37:18 886 - Star 3 Star HIP 67529 - RA 13:50:08 - DEC 42° 33' 26" - Mag. 7 - Distance 33° 30' 44" - Altitude 44 59 39,50 - Before Target - HA to Target -01:30:02 - HA to Meridian -04:20:18

21:37:18 890 - Selected Star for Focus : Star HIP 53085 - RA 10:51:37 - DEC -21° 15' 00" - Mag. 7 - Distance 42° 23' 57" - Altitude 18 25 59,06 - After Target - HA to Target 01:28:29 - HA to Meridian -01:21:47

21:37:18 894 - Actual Position (JNow) (RA=12 21 07,699 / DEC=15 03 48,35)

21:37:18 910 - Action Time [ATOMIC_TELESCOPE_GOTO] => 0 [m] 0 [s]

21:37:18 915 - Action Time Mobile Mean [ATOMIC_TELESCOPE_GOTO] => 0 [m] 10 [s]

21:37:18 920 - Action Time [PRECISE_POINTING] => 0 [m] 0 [s]

21:37:18 923 - Action Time Mobile Mean [PRECISE_POINTING] => 1 [m] 23 [s]

21:37:18 940 - Emergency Fast Goto Back Requested

21:37:18 946 - Actual Position (JNow) (RA=12 21 07,699 / DEC=15 03 48,35)

21:37:18 971 - Calculated Data for Dome is ALT=41 57 12,09 ;AZ=118 02 19,97 ;HA=-02:51:18;Latitude=47 45 00,00 ;Pier=pierWest

21:37:18 977 - Pier Flip Status After Last Slew = pierWest (DRV)(0)

21:37:18 989 - Expected Pier Flip Status After Slew = pierWest (DRV)(0)

21:37:18 994 - Slewing Async (JNow) RA=12 21 07,805 DEC=15 03 30,43 ...

21:37:21 511 - Waiting Settling Time (0s)...

21:37:21 539 - Mount Assert Stable (0s)...

21:37:21 543 - Actual Position (JNow) (RA=12 21 07,525 / DEC=15 03 48,35)

21:37:21 553 - Emergency Fast Goto Back To Target DONE [OK]

21:37:21 558 - Action Time [FOCUS_SLEW_STAR_BACK_TARGET] => 0 [m] 3 [s]

21:37:21 564 - Action Time Mobile Mean [FOCUS_SLEW_STAR_BACK_TARGET] => 3 [m] 13 [s]

21:37:21 569 - Action Time [ATOMIC_TELESCOPE_GOTO] => 0 [m] 2 [s]

21:37:21 582 - Action Time Mobile Mean [ATOMIC_TELESCOPE_GOTO] => 0 [m] 10 [s]

21:37:21 586 - Reload Pier Flip Status After Slew = pierWest (DRV)(0)

21:37:21 591 - Change RoboStar Star and retry focus !!

21:37:21 623 - Focus Requested, Start Procedure

21:37:21 644 - Start Sequence-Focus with Voyager RoboStar Acquire Star and return [Forced]

21:37:21 659 - Plate Solving Data for Focus Slew and Back to Star Override done

21:37:21 747 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=2[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:21 792 - Found 0 Star[s], index [2], minimum requested 3 .. increase search radius !

21:37:21 797 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=4[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:21 824 - Found 0 Star[s], index [2], minimum requested 3 .. increase search radius !

21:37:21 829 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=6[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:21 868 - Found 0 Star[s], index [2], minimum requested 3 .. increase search radius !

21:37:21 871 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=8[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:21 898 - Found 0 Star[s], index [2], minimum requested 3 .. increase search radius !

21:37:21 902 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=10[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:21 972 - Found 0 Star[s], index [2], minimum requested 3 .. increase search radius !

21:37:21 976 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=15[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:22 001 - Found 0 Star[s], index [2], minimum requested 3 .. increase search radius !

21:37:22 020 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=30[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:22 129 - Wrong Focus Star HIP 57998;11,8966666666667;33,6152777777778;7;F0;19,37897882556;0,438333333484699;59,4042093470746 found in black list, cannot use ... skipped !

21:37:22 135 - Found 1 Star[s], index [2], minimum requested 3 .. increase search radius !

21:37:22 141 - RoboStar Search J2000 RA 12 20 06,000 DEC 15 10 15,00 ; Magnitude=7-7 ; Radius=45[°] ; Min Altitude=05 00 00,00 [°] ; Separation = 0,91[arcmin] ; Transit Side = BEFORE

21:37:22 450 - Wrong Focus Star HIP 57998;11,8966666666667;33,6152777777778;7;F0;19,37897882556;0,438333333484699;59,4045105293022 found in black list, cannot use ... skipped !

21:37:22 455 - Found 6 Star[s] ! Using first 3 ..

21:37:22 460 - Star 1 Star HIP 64030 - RA 13:07:20 - DEC 00° 35' 04" - Mag. 7 - Distance 18° 40' 33" - Altitude 23 17 34,43 - Before Target - HA to Target -00:47:14 - HA to Meridian -03:37:27

21:37:22 472 - Star 2 Star HIP 53085 - RA 10:51:37 - DEC -21° 15' 00" - Mag. 7 - Distance 42° 23' 57" - Altitude 18 26 11,63 - After Target - HA to Target 01:28:29 - HA to Meridian -01:21:44

21:37:22 476 - Star 3 Star HIP 67529 - RA 13:50:08 - DEC 42° 33' 26" - Mag. 7 - Distance 33° 30' 44" - Altitude 45 00 13,91 - Before Target - HA to Target -01:30:02 - HA to Meridian -04:20:15

21:37:22 509 - Selected Star for Focus : Star HIP 67529 - RA 13:50:08 - DEC 42° 33' 26" - Mag. 7 - Distance 33° 30' 44" - Altitude 45 00 13,91 - Before Target - HA to Target -01:30:02 - HA to Meridian -04:20:15

21:37:22 513 - Actual Position (JNow) (RA=12 21 07,687 / DEC=15 03 48,35)

21:37:22 556 - Calculated Data for Dome is ALT=45 00 16,46 ;AZ=71 24 27,65 ;HA=-04:21:06;Latitude=47 45 00,00 ;Pier=pierWest

21:37:22 560 - Pier Flip Status After Last Slew = pierWest (DRV)(0)

21:37:22 565 - Expected Pier Flip Status After Slew = pierWest (DRV)(0)

21:37:22 583 - Slewing Async (JNow) RA=13 50 59,451 DEC=42 27 22,48 ...

21:37:36 984 - Waiting Settling Time (5s)...

21:37:41 984 - Mount Assert Stable (5s)...

21:37:42 010 - Actual Position (JNow) (RA=13 50 59,574 / DEC=42 27 22,55)

21:37:42 014 - Action Time [ATOMIC_TELESCOPE_GOTO] => 0 [m] 19 [s]

21:37:42 019 - Action Time Mobile Mean [ATOMIC_TELESCOPE_GOTO] => 0 [m] 10 [s]

21:37:42 036 - Reload Pier Flip Status After Slew = pierWest (DRV)(0)

21:37:42 432 - Exposing 10 [s] ; Filter=L ; Type=LIGHT ; Binning=1

21:37:52 844 - Expose finished

21:37:52 851 - Download started

21:37:53 659 - Download finished

21:37:56 070 - File FIT Saved (SyncVoyager_20200327_213742)

21:37:56 097 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 14 [s]

21:37:56 117 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 56 [s]

21:37:56 130 - Solving Unreferenced FIT File SyncVoyager_20200327_213742.fit

21:37:56 159 - Action Start

21:37:56 168 - Starting Executable (PlateSolve2.exe) => PlateSolve2.exe

21:37:56 192 - Arguments => 3.6221489349372,0.742763950135023,0.0385997017371066,0.0291819050933452,999,C:\Users\AstroNUC\Documents\Voyager\FIT\SyncVoyager_20200327_213742.fit,0

21:37:56 200 - Wait for finish with Kill Option for timeout => 60000[ms]

21:38:02 739 - EXEC finished OK

21:38:02 747 - Action Time [ATOMIC_RUN_EXTERNAL] => 0 [m] 6 [s]

21:38:02 754 - Action Time Mobile Mean [ATOMIC_RUN_EXTERNAL] => 0 [m] 3 [s]

21:38:02 772 - Action End : OK

21:38:02 780 - Solved (J2000) => RA 13 50 22,147 DEC 42 34 04,82 PA 275,9 Res. 1,71 [as/px] FL 457,31 [mm] Star/s 133

21:38:02 785 - Action Time [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 6 [s]

21:38:02 810 - Action Time Mobile Mean [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 7 [s]

21:38:02 816 - Action Time [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 20 [s]

21:38:02 822 - Action Time Mobile Mean [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 21 [s]

21:38:02 874 - Solved (J2000) coord converted to (JNow) RA=13 51 13,571 DEC=42 28 01,48

21:38:02 880 - Telescope Coord Before Sync => (JNow) RA=13 50 59,583 DEC=42 27 22,55

21:38:02 886 - Begin Sync

21:38:06 924 - Mount Sync on (JNow) RA=13 51 13,571 DEC=42 28 01,48

21:38:06 929 - Telescope Coord After Sync (JNow) => RA=13 51 13,573 DEC=42 28 01,47

21:38:06 933 - Target Coord (JNow) => RA=13 50 59,451 DEC=42 27 22,48

21:38:06 985 - Pointing Error Spherical => 00 02 41,07

21:38:06 988 - Pointing Error Position Angle => 256 00 48,50

21:38:06 993 - Error out of range [Max 00 00 18,000], retry another time [1]

21:38:07 004 - Actual Position (JNow) (RA=13 51 13,573 / DEC=42 28 01,47)

21:38:07 029 - Calculated Data for Dome is ALT=45 07 23,00 ;AZ=71 30 19,55 ;HA=-04:20:21;Latitude=47 45 00,00 ;Pier=pierWest

21:38:07 033 - Pier Flip Status After Last Slew = pierWest (DRV)(0)

21:38:07 038 - Expected Pier Flip Status After Slew = pierWest (DRV)(0)

21:38:07 064 - Slewing Async (JNow) RA=13 50 59,451 DEC=42 27 22,48 ...

21:38:07 774 - Waiting Settling Time (5s)...

21:38:12 795 - Mount Assert Stable (5s)...

21:38:12 800 - Actual Position (JNow) (RA=13 50 59,700 / DEC=42 27 22,55)

21:38:12 805 - Action Time [ATOMIC_TELESCOPE_GOTO] => 0 [m] 5 [s]

21:38:12 817 - Action Time Mobile Mean [ATOMIC_TELESCOPE_GOTO] => 0 [m] 10 [s]

21:38:12 821 - Reload Pier Flip Status After Slew = pierWest (DRV)(0)

21:38:13 252 - Exposing 10 [s] ; Filter=L ; Type=LIGHT ; Binning=1

21:38:23 646 - Expose finished

21:38:23 651 - Download started

21:38:24 482 - Download finished

21:38:26 866 - File FIT Saved (SyncVoyager_20200327_213812)

21:38:26 893 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 13 [s]

21:38:26 897 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 57 [s]

21:38:26 925 - Solving Unreferenced FIT File SyncVoyager_20200327_213812.fit

21:38:26 930 - Action Start

21:38:26 936 - Starting Executable (PlateSolve2.exe) => PlateSolve2.exe

21:38:26 959 - Arguments => 3.62215812595122,0.742763942035864,0.0385997017371066,0.0291819050933452,999,C:\Users\AstroNUC\Documents\Voyager\FIT\SyncVoyager_20200327_213812.fit,0

21:38:26 965 - Wait for finish with Kill Option for timeout => 60000[ms]

21:38:33 369 - EXEC finished OK

21:38:33 394 - Action Time [ATOMIC_RUN_EXTERNAL] => 0 [m] 6 [s]

21:38:33 400 - Action Time Mobile Mean [ATOMIC_RUN_EXTERNAL] => 0 [m] 3 [s]

21:38:33 406 - Action End : OK

21:38:33 428 - Solved (J2000) => RA 13 50 08,078 DEC 42 33 59,27 PA 276 Res. 1,71 [as/px] FL 457,39 [mm] Star/s 132

21:38:33 432 - Action Time [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 6 [s]

21:38:33 441 - Action Time Mobile Mean [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 7 [s]

21:38:33 447 - Action Time [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 20 [s]

21:38:33 459 - Action Time Mobile Mean [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 21 [s]

21:38:33 471 - Solved (J2000) coord converted to (JNow) RA=13 50 59,525 DEC=42 27 55,76

21:38:33 476 - Telescope Coord Before Sync => (JNow) RA=13 50 59,700 DEC=42 27 22,55

21:38:33 479 - Begin Sync

21:38:37 553 - Mount Sync on (JNow) RA=13 50 59,525 DEC=42 27 55,76

21:38:37 559 - Telescope Coord After Sync (JNow) => RA=13 50 59,531 DEC=42 27 55,72

21:38:37 570 - Target Coord (JNow) => RA=13 50 59,451 DEC=42 27 22,48

21:38:37 598 - Pointing Error Spherical => 00 00 33,25

21:38:37 616 - Pointing Error Position Angle => 181 32 14,31

21:38:37 623 - Error out of range [Max 00 00 18,000], retry another time [2]

21:38:37 631 - Actual Position (JNow) (RA=13 50 59,531 / DEC=42 27 55,72)

21:38:37 667 - Calculated Data for Dome is ALT=45 12 16,77 ;AZ=71 34 21,88 ;HA=-04:19:50;Latitude=47 45 00,00 ;Pier=pierWest

21:38:37 674 - Pier Flip Status After Last Slew = pierWest (DRV)(0)

21:38:37 681 - Expected Pier Flip Status After Slew = pierWest (DRV)(0)

21:38:37 692 - Slewing Async (JNow) RA=13 50 59,451 DEC=42 27 22,48 ...

21:38:40 173 - Waiting Settling Time (5s)...

21:38:45 187 - Mount Assert Stable (5s)...

21:38:45 191 - Actual Position (JNow) (RA=13 50 59,410 / DEC=42 27 55,72)

21:38:45 196 - Action Time [ATOMIC_TELESCOPE_GOTO] => 0 [m] 7 [s]

21:38:45 207 - Action Time Mobile Mean [ATOMIC_TELESCOPE_GOTO] => 0 [m] 10 [s]

21:38:45 212 - Reload Pier Flip Status After Slew = pierWest (DRV)(0)

21:38:45 620 - Exposing 10 [s] ; Filter=L ; Type=LIGHT ; Binning=1

21:38:56 021 - Expose finished

21:38:56 029 - Download started

21:38:56 931 - Download finished

21:38:59 495 - File FIT Saved (SyncVoyager_20200327_213845)

21:38:59 520 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 14 [s]

21:38:59 524 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 57 [s]

21:38:59 556 - Solving Unreferenced FIT File SyncVoyager_20200327_213845.fit

21:38:59 561 - Action Start

21:38:59 567 - Starting Executable (PlateSolve2.exe) => PlateSolve2.exe

21:38:59 585 - Arguments => 3.62213723846869,0.742924798194339,0.0385997017371066,0.0291819050933452,999,C:\Users\AstroNUC\Documents\Voyager\FIT\SyncVoyager_20200327_213845.fit,0

21:38:59 592 - Wait for finish with Kill Option for timeout => 60000[ms]

21:39:08 350 - EXEC finished OK

21:39:08 381 - Action Time [ATOMIC_RUN_EXTERNAL] => 0 [m] 8 [s]

21:39:08 394 - Action Time Mobile Mean [ATOMIC_RUN_EXTERNAL] => 0 [m] 4 [s]

21:39:08 402 - Action End : OK

21:39:08 414 - Solved (J2000) => RA 13 50 07,901 DEC 42 33 58,38 PA 276 Res. 1,71 [as/px] FL 457,41 [mm] Star/s 145

21:39:08 421 - Action Time [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 8 [s]

21:39:08 430 - Action Time Mobile Mean [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 7 [s]

21:39:08 443 - Action Time [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 23 [s]

21:39:08 452 - Action Time Mobile Mean [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 21 [s]

21:39:08 517 - Solved (J2000) coord converted to (JNow) RA=13 50 59,349 DEC=42 27 54,87

21:39:08 525 - Telescope Coord Before Sync => (JNow) RA=13 50 59,411 DEC=42 27 55,72

21:39:08 533 - Begin Sync

21:39:12 547 - Mount Sync on (JNow) RA=13 50 59,349 DEC=42 27 54,87

21:39:12 554 - Telescope Coord After Sync (JNow) => RA=13 50 59,341 DEC=42 27 54,86

21:39:12 566 - Target Coord (JNow) => RA=13 50 59,451 DEC=42 27 22,48

21:39:12 615 - Pointing Error Spherical => 00 00 32,40

21:39:12 620 - Pointing Error Position Angle => 177 51 30,81

21:39:12 631 - Error out of range [Max 00 00 18,000], retry another time [3]

21:39:12 659 - Actual Position (JNow) (RA=13 50 59,341 / DEC=42 27 54,86)

21:39:12 693 - Calculated Data for Dome is ALT=45 17 52,90 ;AZ=71 38 59,12 ;HA=-04:19:15;Latitude=47 45 00,00 ;Pier=pierWest

21:39:12 698 - Pier Flip Status After Last Slew = pierWest (DRV)(0)

21:39:12 704 - Expected Pier Flip Status After Slew = pierWest (DRV)(0)

21:39:12 711 - Slewing Async (JNow) RA=13 50 59,451 DEC=42 27 22,48 ...

21:39:15 219 - Waiting Settling Time (5s)...

21:39:20 230 - Mount Assert Stable (5s)...

21:39:20 260 - Actual Position (JNow) (RA=13 50 59,343 / DEC=42 27 54,86)

21:39:20 277 - Action Time [ATOMIC_TELESCOPE_GOTO] => 0 [m] 7 [s]

21:39:20 284 - Action Time Mobile Mean [ATOMIC_TELESCOPE_GOTO] => 0 [m] 9 [s]

21:39:20 292 - Reload Pier Flip Status After Slew = pierWest (DRV)(0)

21:39:20 729 - Exposing 10 [s] ; Filter=L ; Type=LIGHT ; Binning=1

21:39:31 341 - Expose finished

21:39:31 347 - Download started

21:39:32 174 - Download finished

21:39:34 677 - File FIT Saved (SyncVoyager_20200327_213920)

21:39:34 706 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 14 [s]

21:39:34 710 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 57 [s]

21:39:34 736 - Solving Unreferenced FIT File SyncVoyager_20200327_213920.fit

21:39:34 740 - Action Start

21:39:34 745 - Starting Executable (PlateSolve2.exe) => PlateSolve2.exe

21:39:34 750 - Arguments => 3.62213234268245,0.742920624257544,0.0385997017371066,0.0291819050933452,999,C:\Users\AstroNUC\Documents\Voyager\FIT\SyncVoyager_20200327_213920.fit,0

21:39:34 757 - Wait for finish with Kill Option for timeout => 60000[ms]

21:39:41 405 - EXEC finished OK

21:39:41 458 - Action Time [ATOMIC_RUN_EXTERNAL] => 0 [m] 6 [s]

21:39:41 467 - Action Time Mobile Mean [ATOMIC_RUN_EXTERNAL] => 0 [m] 4 [s]

21:39:41 474 - Action End : OK

21:39:41 482 - Solved (J2000) => RA 13 50 07,880 DEC 42 33 57,98 PA 276 Res. 1,71 [as/px] FL 457,4 [mm] Star/s 135

21:39:41 491 - Action Time [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 6 [s]

21:39:41 502 - Action Time Mobile Mean [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 7 [s]

21:39:41 511 - Action Time [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 21 [s]

21:39:41 523 - Action Time Mobile Mean [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 21 [s]

21:39:41 584 - Solved (J2000) coord converted to (JNow) RA=13 50 59,328 DEC=42 27 54,47

21:39:41 590 - Telescope Coord Before Sync => (JNow) RA=13 50 59,353 DEC=42 27 54,86

21:39:41 596 - Begin Sync

21:39:45 640 - Mount Sync on (JNow) RA=13 50 59,328 DEC=42 27 54,47

21:39:45 645 - Telescope Coord After Sync (JNow) => RA=13 50 59,321 DEC=42 27 54,43

21:39:45 651 - Target Coord (JNow) => RA=13 50 59,451 DEC=42 27 22,48

21:39:45 684 - Pointing Error Spherical => 00 00 31,98

21:39:45 689 - Pointing Error Position Angle => 177 25 39,26

21:39:45 694 - Max retry reached

21:39:45 699 - For your info the Best Performance obtained from your Mount in this pointing is 00° 00' 32"[DMS]

21:39:45 706 - Precision Point Out of Accepted Range

21:39:45 712 - Action Time [PRECISE_POINTING] => 2 [m] 23 [s]

21:39:45 718 - Action Time Mobile Mean [PRECISE_POINTING] => 1 [m] 25 [s]

21:39:45 739 - Actual Focuser Position = 13132

21:39:45 787 - Focus with Actual Filter [3] => L (match the one selected for Focus)

21:39:45 820 - Memory GC Collect

21:39:45 827 - Check Environment objects

21:39:45 857 - Find Star : Preset Exposure Data

21:39:45 863 - Find Star : Exposing Central Region = 80% of CCD Width

21:39:45 869 - Find Star : Binning = 1

21:39:45 874 - Find Star : Initial Exposure = 3

21:39:45 880 - Find Star : Filter = L

21:39:45 887 - Find Star : Current position = 13132

21:39:45 891 - Find Star : Expose

21:39:46 424 - Exposing 3 [s] ; Filter=L ; Type=LIGHT ; Binning=1 ; ROI @466,352 of 3725x2816

21:39:49 614 - Expose finished

21:39:49 640 - Download started

21:39:50 347 - Download finished

21:39:50 374 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 4 [s]

21:39:50 414 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 57 [s]

21:39:50 426 - Find Star : Find Highest Flux Star

21:39:51 077 - Find Focus Star : Star Found [OK] => {X=2517,Y=2728,Width=14,Height=14} - {X=2523,846, Y=2735,436} - HFD:7,76 - 0,46 - 5664532,8 - OK - 0 - Dist:1483,06

21:39:51 085 - Target star found X: 2990 Y: 3087 Flux: 5664533 HFD: 7,76 Peak:65504

21:39:51 095 - Find Right Exposure Time : Preset Exposure Data

21:39:51 102 - Find Right Exposure Time : Calculate with binning = 1

21:39:51 113 - Find Right Exposure Time : Initial Exposure = 3

21:39:51 118 - Find Right Exposure Time : TargetFlux = [SMARTFLUX] In range with Min and Max settings

21:39:51 125 - Find Right Exposure Time : PreAdjusted Exposure Time SMARTFLUX Based = 3

21:39:51 132 - Find Right Exposure Time : Expose

21:39:51 499 - Exposing 3 [s] ; Filter=L ; Type=LIGHT ; Binning=1 ; ROI @2590,2687 of 800x800

21:39:54 669 - Expose finished

21:39:54 675 - Download started

21:39:55 042 - Download finished

21:39:55 070 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 3 [s]

21:39:55 075 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 57 [s]

21:39:55 102 - Find Right Exposure Time : Find Star

21:39:55 168 - Find Focus Star : Star Found [OK] => {X=393,Y=394,Width=13,Height=13} - {X=399,5484, Y=400,7242} - HFD:7,25 - 0,23 - 5251164,9 - OK - 0 - Dist:0,85

21:39:55 173 - Target star found X: 2990 Y: 3087 Flux: 5251165 HFD: 7,25 Peak:65504

21:39:55 180 - Find Right Exposure Time : SMARTFLUX mode change Targetime to have around Max Flux minus 10%

21:39:55 187 - Find Right Exposure Time : Calculate Exposure Time SMARTFLUX Based = 0,51

21:39:55 194 - AF Check Focus Side : Check HFD set to 20

21:39:55 198 - AF Check Focus Side (20) : [1] Calculate Pos = 13323

21:39:55 204 - AF Check Focus Side : Focuser Move

21:39:55 230 - Moving Focuser from Position=13132 ...

21:39:55 236 - Moving Focuser to Position=13323 ...

21:39:57 215 - Action Time [ATOMIC_FOCUSER_MOVE_TO] => 0 [m] 2 [s]

21:39:57 224 - Action Time Mobile Mean [ATOMIC_FOCUSER_MOVE_TO] => 0 [m] 2 [s]

21:39:57 232 - AF Check Focus Side : Expose

21:39:57 575 - Exposing 0,51417163113771 [s] ; Filter=L ; Type=LIGHT ; Binning=1 ; ROI @2590,2687 of 800x800

21:39:58 318 - Expose finished

21:39:58 345 - Download started

21:39:58 713 - Download finished

21:39:58 740 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 1 [s]

21:39:58 746 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 57 [s]

21:39:58 752 - AF Check Focus Side : Find Star

21:39:58 829 - Find Focus Star : Star Found [OK] => {X=393,Y=390,Width=27,Height=30} - {X=406,6511, Y=404,8362} - HFD:19,13 - 0,22 - 999596,1 - OK - 0,1 - Dist:8,22

21:39:58 851 - Target star found X: 2990 Y: 3087 Flux: 999596 HFD: 19,13 Peak:5312

21:39:58 858 - AF Check Focus Side (20) : On correct side of focus

21:39:58 866 - AF Goto Start Focus HFD (20) : Start HFD Reached

21:39:58 872 - AF Goto Start Focus HFD : Integration Expose [1]

21:39:59 203 - Exposing 0,51417163113771 [s] ; Filter=L ; Type=LIGHT ; Binning=1 ; ROI @2590,2687 of 800x800

21:39:59 967 - Expose finished

21:39:59 974 - Download started

21:40:00 341 - Download finished

21:40:00 370 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 1 [s]

21:40:00 375 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 57 [s]

21:40:00 403 - AF Goto Start Focus HFD : Integrate Find Star

21:40:00 445 - Find Focus Star : Star Found [OK] => {X=392,Y=391,Width=29,Height=29} - {X=406,4573, Y=405,6249} - HFD:19,6 - 0,13 - 1081915,7 - OK - 0 - Dist:8,56

21:40:00 460 - Target star found X: 2990 Y: 3087 Flux: 1081916 HFD: 19,6 Peak:4864

21:40:00 469 - AF Goto Start Focus HFD : Integration Expose [2]

21:40:00 820 - Exposing 0,51417163113771 [s] ; Filter=L ; Type=LIGHT ; Binning=1 ; ROI @2590,2687 of 800x800

21:40:01 566 - Expose finished

21:40:01 574 - Download started

21:40:01 950 - Download finished

21:40:01 976 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 1 [s]

21:40:01 981 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 57 [s]

21:40:01 989 - AF Goto Start Focus HFD : Integrate Find Star

21:40:02 059 - Find Focus Star : Star Found [OK] => {X=394,Y=391,Width=27,Height=28} - {X=406,754, Y=404,6305} - HFD:18,7 - 0,83 - 993922 - OK - 0,04 - Dist:8,19

21:40:02 066 - Target star found X: 2990 Y: 3087 Flux: 993922 HFD: 18,7 Peak:5856

21:40:02 093 - AF Goto Start Focus HFD : Integration Expose [3]

21:40:02 434 - Exposing 0,51417163113771 [s] ; Filter=L ; Type=LIGHT ; Binning=1 ; ROI @2590,2687 of 800x800

21:40:03 169 - Expose finished

21:40:03 196 - Download started

21:40:03 545 - Download finished

21:40:03 592 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 1 [s]

21:40:03 598 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 57 [s]

21:40:03 604 - AF Goto Start Focus HFD : Integrate Find Star

21:40:03 655 - Find Focus Star : Star Found [OK] => {X=392,Y=391,Width=29,Height=29} - {X=406,5519, Y=405,2618} - HFD:19,88 - 0,24 - 1005173,2 - OK - 0 - Dist:8,4

21:40:03 661 - Target star found X: 2990 Y: 3087 Flux: 1005173 HFD: 19,88 Peak:4320

21:40:03 668 - AF Goto Start Focus HFD : Average HFD is 19,33

21:40:03 677 - AF Goto Near Focus HFD (10) : [1] Calculate Pos = 13183

21:40:03 690 - AF Goto Near Focus HFD : Focuser Move

21:40:03 720 - Moving Focuser from Position=13323 ...

21:40:03 726 - Moving Focuser to Position=13183 ...

21:40:03 984 - Focuser not reached the asked position ! Retry [1] ...

21:40:06 108 - Compensating Backlash=80 ...

21:40:06 920 - Focuser not reached the asked position during BL ! Retry [1] ...

21:40:08 299 - Action Time [ATOMIC_FOCUSER_MOVE_TO] => 0 [m] 4 [s]

21:40:08 304 - Action Time Mobile Mean [ATOMIC_FOCUSER_MOVE_TO] => 0 [m] 2 [s]

21:40:08 331 - AF Goto Near Focus HFD : Expose

21:40:08 674 - Exposing 0,51417163113771 [s] ; Filter=L ; Type=LIGHT ; Binning=1 ; ROI @2590,2687 of 800x800

21:40:09 416 - Expose finished

21:40:09 425 - Download started

21:40:09 799 - Download finished

21:40:09 827 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 1 [s]

21:40:09 832 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 57 [s]

21:40:09 839 - AF Goto Near Focus HFD : Find Star

21:40:09 903 - Find Focus Star : Star Found [OK] => {X=396,Y=394,Width=18,Height=17} - {X=404,8292, Y=403,0996} - HFD:9,94 - 0,62 - 899075,1 - OK - 0,06 - Dist:5,74

21:40:09 910 - Target star found X: 2990 Y: 3087 Flux: 899075 HFD: 9,94 Peak:19184

21:40:09 918 - AF Goto Near Focus HFD (10) : Near HFD Reached

21:40:09 949 - AF Goto Near Focus HFD : Integration Expose [1]

21:40:10 295 - Exposing 0,51417163113771 [s] ; Filter=L ; Type=LIGHT ; Binning=1 ; ROI @2590,2687 of 800x800

21:40:11 056 - Expose finished

21:40:11 063 - Download started

21:40:11 431 - Download finished

21:40:11 480 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 1 [s]

21:40:11 488 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 57 [s]

21:40:11 505 - AF Goto Near Focus HFD : Integrate Find Star

21:40:11 551 - Find Focus Star : Star Found [OK] => {X=396,Y=394,Width=18,Height=18} - {X=404,6196, Y=403,1253} - HFD:10,17 - 0,4 - 1200404,9 - OK - 0 - Dist:5,58

21:40:11 557 - Target star found X: 2990 Y: 3087 Flux: 1200405 HFD: 10,17 Peak:24160

21:40:11 595 - AF Goto Near Focus HFD : Integration Expose [2]

21:40:11 940 - Exposing 0,51417163113771 [s] ; Filter=L ; Type=LIGHT ; Binning=1 ; ROI @2590,2687 of 800x800

21:40:12 700 - Expose finished

21:40:12 706 - Download started

21:40:13 072 - Download finished

21:40:13 097 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 1 [s]

21:40:13 102 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 56 [s]

21:40:13 130 - AF Goto Near Focus HFD : Integrate Find Star

21:40:13 161 - Find Focus Star : Star Found [OK] => {X=396,Y=392,Width=17,Height=19} - {X=404,5565, Y=402,7097} - HFD:10,62 - 1,21 - 957342,5 - OK - 0,11 - Dist:5,3

21:40:13 166 - Target star found X: 2990 Y: 3087 Flux: 957343 HFD: 10,62 Peak:18224

21:40:13 196 - AF Goto Near Focus HFD : Integration Expose [3]

21:40:13 535 - Exposing 0,51417163113771 [s] ; Filter=L ; Type=LIGHT ; Binning=1 ; ROI @2590,2687 of 800x800

21:40:14 298 - Expose finished

21:40:14 304 - Download started

21:40:14 687 - Download finished

21:40:14 717 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 1 [s]

21:40:14 723 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 56 [s]

21:40:14 751 - AF Goto Near Focus HFD : Integrate Find Star

21:40:14 787 - Find Focus Star : Star Found [OK] => {X=396,Y=394,Width=17,Height=18} - {X=404,7165, Y=403,1154} - HFD:9,53 - 0,25 - 1128335,7 - OK - 0,06 - Dist:5,65

21:40:14 792 - Target star found X: 2990 Y: 3087 Flux: 1128336 HFD: 9,53 Peak:26000

21:40:14 825 - AF Goto Near Focus HFD : Integration Expose [4]

21:40:15 166 - Exposing 0,51417163113771 [s] ; Filter=L ; Type=LIGHT ; Binning=1 ; ROI @2590,2687 of 800x800

21:40:15 910 - Expose finished

21:40:15 936 - Download started

21:40:16 300 - Download finished

21:40:16 329 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 1 [s]

21:40:16 334 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 56 [s]

21:40:16 340 - AF Goto Near Focus HFD : Integrate Find Star

21:40:16 412 - Find Focus Star : Star Found [OK] => {X=396,Y=393,Width=18,Height=17} - {X=404,9422, Y=401,9767} - HFD:10,08 - 0,48 - 1207288,2 - OK - 0,06 - Dist:5,32

21:40:16 418 - Target star found X: 2990 Y: 3087 Flux: 1207288 HFD: 10,08 Peak:18960

21:40:16 425 - AF Goto Near Focus HFD : Integration Expose [5]

21:40:16 770 - Exposing 0,51417163113771 [s] ; Filter=L ; Type=LIGHT ; Binning=1 ; ROI @2590,2687 of 800x800

21:40:17 529 - Expose finished

21:40:17 536 - Download started

21:40:17 909 - Download finished

21:40:17 937 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 1 [s]

21:40:17 942 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 53 [s]

21:40:17 947 - AF Goto Near Focus HFD : Integrate Find Star

21:40:18 018 - Find Focus Star : Star Found [OK] => {X=396,Y=393,Width=17,Height=17} - {X=404,9772, Y=402,0101} - HFD:10,06 - 0,7 - 1011021,7 - OK - 0 - Dist:5,37

21:40:18 025 - Target star found X: 2990 Y: 3087 Flux: 1011022 HFD: 10,06 Peak:17280

21:40:18 031 - AF Goto Near Focus HFD : Average HFD is 10,07

21:40:18 039 - Best Focus is : 13035

21:40:18 045 - AF Goto Focus : Focuser Move

21:40:18 052 - Moving Focuser from Position=13183 ...

21:40:18 058 - Moving Focuser to Position=13035 ...

21:40:19 839 - Compensating Backlash=80 ...

21:40:20 733 - Focuser not reached the asked position during BL ! Retry [1] ...

21:40:22 088 - Action Time [ATOMIC_FOCUSER_MOVE_TO] => 0 [m] 4 [s]

21:40:22 096 - Action Time Mobile Mean [ATOMIC_FOCUSER_MOVE_TO] => 0 [m] 2 [s]

21:40:22 104 - AF Goto Focus : Expose

21:40:22 470 - Exposing 0,51417163113771 [s] ; Filter=L ; Type=LIGHT ; Binning=1 ; ROI @2590,2687 of 800x800

21:40:23 215 - Expose finished

21:40:23 225 - Download started

21:40:23 596 - Download finished

21:40:23 625 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 1 [s]

21:40:23 630 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 49 [s]

21:40:23 637 - AF Goto Focus : Find Star

21:40:23 701 - Find Focus Star : Star Found [OK] => {X=399,Y=397,Width=8,Height=9} - {X=403,2289, Y=401,6341} - HFD:2,82 - 0,27 - 868779,2 - OK - 0,11 - Dist:3,62

21:40:23 710 - Target star found X: 2990 Y: 3087 Flux: 868779 HFD: 2,82 Peak:65504

21:40:23 770 - Position = 13035 Mean HFD = 2,82 Temperature = 6,6

21:40:23 776 - VCurve Parameter used => SlopeLeft=-0,0678254326991064 SlopeRight = 0,0667390177499119 PID = 6,5686442249762

21:40:23 783 - Auto-focus Completed

21:40:23 789 - Memory GC Collect

21:40:23 795 - Action Time [ROBOFIRE_VCURVE] => 0 [m] 37 [s]

21:40:23 801 - Action Time Mobile Mean [ROBOFIRE_VCURVE] => 0 [m] 57 [s]

21:40:23 811 - Focus Done - Pos=13035 HFD=2,818698 Star(X,Y)=2989,846 - 3087,436 Temperature=6,6 Focus Time=00:38

21:40:23 896 - Action Time [ATOMIC_FOCUS] => 0 [m] 38 [s]

21:40:23 903 - Action Time Mobile Mean [ATOMIC_FOCUS] => 0 [m] 53 [s]

21:40:23 909 - Actual Position (JNow) (RA=13 50 59,339 / DEC=42 27 54,43)

21:40:23 916 - Calculated Data for Dome is ALT=42 24 36,18 ;AZ=118 50 05,12 ;HA=-02:48:13;Latitude=47 45 00,00 ;Pier=pierWest

21:40:23 923 - Pier Flip Status After Last Slew = pierWest (DRV)(0)

21:40:23 929 - Expected Pier Flip Status After Slew = pierWest (DRV)(0)

21:40:23 936 - Slewing Async (JNow) RA=12 21 07,805 DEC=15 03 30,43 ...

21:40:39 765 - Waiting Settling Time (5s)...

21:40:44 768 - Mount Assert Stable (5s)...

21:40:44 774 - Actual Position (JNow) (RA=12 21 07,672 / DEC=15 03 48,35)

21:40:44 800 - Action Time [ATOMIC_TELESCOPE_GOTO] => 0 [m] 20 [s]

21:40:44 819 - Action Time Mobile Mean [ATOMIC_TELESCOPE_GOTO] => 0 [m] 10 [s]

21:40:44 826 - Reload Pier Flip Status After Slew = pierWest (DRV)(0)

21:40:45 375 - Exposing 10 [s] ; Filter=L ; Type=LIGHT ; Binning=1

21:40:55 721 - Expose finished

21:40:55 728 - Download started

21:40:56 535 - Download finished

21:40:58 936 - File FIT Saved (SyncVoyager_20200327_214044)

21:40:58 963 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 14 [s]

21:40:58 968 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 46 [s]

21:40:58 993 - Solving Unreferenced FIT File SyncVoyager_20200327_214044.fit

21:40:58 999 - Action Start

21:40:59 005 - Starting Executable (PlateSolve2.exe) => PlateSolve2.exe

21:40:59 012 - Arguments => 3.22928578335262,0.264867898173381,0.0385997017371066,0.0291819050933452,999,C:\Users\AstroNUC\Documents\Voyager\FIT\SyncVoyager_20200327_214044.fit,0

21:40:59 019 - Wait for finish with Kill Option for timeout => 60000[ms]

21:41:06 307 - EXEC finished OK

21:41:06 315 - Action Time [ATOMIC_RUN_EXTERNAL] => 0 [m] 7 [s]

21:41:06 323 - Action Time Mobile Mean [ATOMIC_RUN_EXTERNAL] => 0 [m] 4 [s]

21:41:06 330 - Action End : OK

21:41:06 335 - Solved (J2000) => RA 12 20 04,294 DEC 15 10 57,18 PA 275,7 Res. 1,71 [as/px] FL 457,6 [mm] Star/s 251

21:41:06 340 - Action Time [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 7 [s]

21:41:06 345 - Action Time Mobile Mean [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 7 [s]

21:41:06 371 - Action Time [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 21 [s]

21:41:06 379 - Action Time Mobile Mean [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 21 [s]

21:41:06 406 - Solved (J2000) coord converted to (JNow) RA=12 21 06,100 DEC=15 04 12,61

21:41:06 410 - Telescope Coord Before Sync => (JNow) RA=12 21 07,687 DEC=15 03 48,35

21:41:06 415 - Begin Sync

21:41:10 449 - Mount Sync on (JNow) RA=12 21 06,100 DEC=15 04 12,61

21:41:10 455 - Telescope Coord After Sync (JNow) => RA=12 21 06,094 DEC=15 04 12,62

21:41:10 460 - Target Coord (JNow) => RA=12 21 07,805 DEC=15 03 30,43

21:41:10 488 - Pointing Error Spherical => 00 00 48,93

21:41:10 493 - Pointing Error Position Angle => 149 34 56,22

21:41:10 499 - Error out of range [Max 00 00 18,000], retry another time [1]

21:41:10 523 - Actual Position (JNow) (RA=12 21 06,094 / DEC=15 04 12,62)

21:41:10 549 - Calculated Data for Dome is ALT=42 31 29,44 ;AZ=119 02 14,09 ;HA=-02:47:26;Latitude=47 45 00,00 ;Pier=pierWest

21:41:10 554 - Pier Flip Status After Last Slew = pierWest (DRV)(0)

21:41:10 560 - Expected Pier Flip Status After Slew = pierWest (DRV)(0)

21:41:10 565 - Slewing Async (JNow) RA=12 21 07,805 DEC=15 03 30,43 ...

21:41:13 053 - Waiting Settling Time (5s)...

21:41:18 046 - Mount Assert Stable (5s)...

21:41:18 074 - Actual Position (JNow) (RA=12 21 06,106 / DEC=15 04 12,62)

21:41:18 080 - Action Time [ATOMIC_TELESCOPE_GOTO] => 0 [m] 7 [s]

21:41:18 085 - Action Time Mobile Mean [ATOMIC_TELESCOPE_GOTO] => 0 [m] 10 [s]

21:41:18 099 - Reload Pier Flip Status After Slew = pierWest (DRV)(0)

21:41:18 502 - Exposing 10 [s] ; Filter=L ; Type=LIGHT ; Binning=1

21:41:28 923 - Expose finished

21:41:28 932 - Download started

21:41:29 715 - Download finished

21:41:31 999 - File FIT Saved (SyncVoyager_20200327_214118)

21:41:32 033 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 13 [s]

21:41:32 044 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 42 [s]

21:41:32 055 - Solving Unreferenced FIT File SyncVoyager_20200327_214118.fit

21:41:32 067 - Action Start

21:41:32 078 - Starting Executable (PlateSolve2.exe) => PlateSolve2.exe

21:41:32 089 - Arguments => 3.22917185196053,0.264985583918812,0.0385997017371066,0.0291819050933452,999,C:\Users\AstroNUC\Documents\Voyager\FIT\SyncVoyager_20200327_214118.fit,0

21:41:32 105 - Wait for finish with Kill Option for timeout => 60000[ms]

21:41:38 864 - EXEC finished OK

21:41:38 891 - Action Time [ATOMIC_RUN_EXTERNAL] => 0 [m] 6 [s]

21:41:38 898 - Action Time Mobile Mean [ATOMIC_RUN_EXTERNAL] => 0 [m] 4 [s]

21:41:38 903 - Action End : OK

21:41:38 908 - Solved (J2000) => RA 12 20 04,301 DEC 15 10 57,75 PA 275,7 Res. 1,71 [as/px] FL 457,57 [mm] Star/s 247

21:41:38 913 - Action Time [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 6 [s]

21:41:38 918 - Action Time Mobile Mean [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 7 [s]

21:41:38 925 - Action Time [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 20 [s]

21:41:38 933 - Action Time Mobile Mean [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 21 [s]

21:41:38 963 - Solved (J2000) coord converted to (JNow) RA=12 21 06,106 DEC=15 04 13,18

21:41:38 968 - Telescope Coord Before Sync => (JNow) RA=12 21 06,110 DEC=15 04 12,62

21:41:38 974 - Begin Sync

21:41:43 031 - Mount Sync on (JNow) RA=12 21 06,106 DEC=15 04 13,18

21:41:43 042 - Telescope Coord After Sync (JNow) => RA=12 21 06,098 DEC=15 04 13,20

21:41:43 052 - Target Coord (JNow) => RA=12 21 07,805 DEC=15 03 30,43

21:41:43 114 - Pointing Error Spherical => 00 00 49,40

21:41:43 119 - Pointing Error Position Angle => 149 58 16,91

21:41:43 126 - Error out of range [Max 00 00 18,000], retry another time [2]

21:41:43 132 - Actual Position (JNow) (RA=12 21 06,098 / DEC=15 04 13,20)

21:41:43 160 - Calculated Data for Dome is ALT=42 36 17,63 ;AZ=119 10 44,60 ;HA=-02:46:53;Latitude=47 45 00,00 ;Pier=pierWest

21:41:43 166 - Pier Flip Status After Last Slew = pierWest (DRV)(0)

21:41:43 173 - Expected Pier Flip Status After Slew = pierWest (DRV)(0)

21:41:43 180 - Slewing Async (JNow) RA=12 21 07,805 DEC=15 03 30,43 ...

21:41:45 698 - Waiting Settling Time (5s)...

21:41:50 689 - Mount Assert Stable (5s)...

21:41:50 718 - Actual Position (JNow) (RA=12 21 06,127 / DEC=15 04 13,20)

21:41:50 725 - Action Time [ATOMIC_TELESCOPE_GOTO] => 0 [m] 7 [s]

21:41:50 739 - Action Time Mobile Mean [ATOMIC_TELESCOPE_GOTO] => 0 [m] 10 [s]

21:41:50 746 - Reload Pier Flip Status After Slew = pierWest (DRV)(0)

21:41:51 179 - Exposing 10 [s] ; Filter=L ; Type=LIGHT ; Binning=1

21:42:01 782 - Expose finished

21:42:01 788 - Download started

21:42:02 649 - Download finished

21:42:05 187 - File FIT Saved (SyncVoyager_20200327_214150)

21:42:05 215 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 14 [s]

21:42:05 220 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 39 [s]

21:42:05 247 - Solving Unreferenced FIT File SyncVoyager_20200327_214150.fit

21:42:05 253 - Action Start

21:42:05 261 - Starting Executable (PlateSolve2.exe) => PlateSolve2.exe

21:42:05 268 - Arguments => 3.22917337143507,0.264988368593966,0.0385997017371066,0.0291819050933452,999,C:\Users\AstroNUC\Documents\Voyager\FIT\SyncVoyager_20200327_214150.fit,0

21:42:05 276 - Wait for finish with Kill Option for timeout => 60000[ms]

21:42:13 344 - EXEC finished OK

21:42:13 355 - Action Time [ATOMIC_RUN_EXTERNAL] => 0 [m] 8 [s]

21:42:13 362 - Action Time Mobile Mean [ATOMIC_RUN_EXTERNAL] => 0 [m] 4 [s]

21:42:13 368 - Action End : OK

21:42:13 374 - Solved (J2000) => RA 12 20 04,701 DEC 15 10 57,71 PA 275,7 Res. 1,71 [as/px] FL 457,6 [mm] Star/s 235

21:42:13 381 - Action Time [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 8 [s]

21:42:13 389 - Action Time Mobile Mean [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 7 [s]

21:42:13 418 - Action Time [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 22 [s]

21:42:13 431 - Action Time Mobile Mean [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 21 [s]

21:42:13 461 - Solved (J2000) coord converted to (JNow) RA=12 21 06,506 DEC=15 04 13,13

21:42:13 469 - Telescope Coord Before Sync => (JNow) RA=12 21 06,129 DEC=15 04 13,20

21:42:13 475 - Begin Sync

21:42:17 503 - Mount Sync on (JNow) RA=12 21 06,506 DEC=15 04 13,13

21:42:17 511 - Telescope Coord After Sync (JNow) => RA=12 21 06,511 DEC=15 04 13,20

21:42:17 522 - Target Coord (JNow) => RA=12 21 07,805 DEC=15 03 30,43

21:42:17 570 - Pointing Error Spherical => 00 00 46,69

21:42:17 576 - Pointing Error Position Angle => 156 21 18,33

21:42:17 583 - Error out of range [Max 00 00 18,000], retry another time [3]

21:42:17 589 - Actual Position (JNow) (RA=12 21 06,512 / DEC=15 04 13,20)

21:42:17 638 - Calculated Data for Dome is ALT=42 41 21,70 ;AZ=119 19 45,16 ;HA=-02:46:19;Latitude=47 45 00,00 ;Pier=pierWest

21:42:17 643 - Pier Flip Status After Last Slew = pierWest (DRV)(0)

21:42:17 649 - Expected Pier Flip Status After Slew = pierWest (DRV)(0)

21:42:17 655 - Slewing Async (JNow) RA=12 21 07,805 DEC=15 03 30,43 ...

21:42:20 155 - Waiting Settling Time (5s)...

21:42:25 162 - Mount Assert Stable (5s)...

21:42:25 167 - Actual Position (JNow) (RA=12 21 06,503 / DEC=15 04 13,20)

21:42:25 173 - Action Time [ATOMIC_TELESCOPE_GOTO] => 0 [m] 7 [s]

21:42:25 178 - Action Time Mobile Mean [ATOMIC_TELESCOPE_GOTO] => 0 [m] 10 [s]

21:42:25 184 - Reload Pier Flip Status After Slew = pierWest (DRV)(0)

21:42:25 611 - Exposing 10 [s] ; Filter=L ; Type=LIGHT ; Binning=1

21:42:36 017 - Expose finished

21:42:36 023 - Download started

21:42:36 848 - Download finished

21:42:39 183 - File FIT Saved (SyncVoyager_20200327_214225)

21:42:39 210 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 13 [s]

21:42:39 227 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 35 [s]

21:42:39 254 - Solving Unreferenced FIT File SyncVoyager_20200327_214225.fit

21:42:39 274 - Action Start

21:42:39 282 - Starting Executable (PlateSolve2.exe) => PlateSolve2.exe

21:42:39 292 - Arguments => 3.2292007397193,0.264988364342203,0.0385997017371066,0.0291819050933452,999,C:\Users\AstroNUC\Documents\Voyager\FIT\SyncVoyager_20200327_214225.fit,0

21:42:39 299 - Wait for finish with Kill Option for timeout => 60000[ms]

21:42:46 717 - EXEC finished OK

21:42:46 732 - Action Time [ATOMIC_RUN_EXTERNAL] => 0 [m] 7 [s]

21:42:46 753 - Action Time Mobile Mean [ATOMIC_RUN_EXTERNAL] => 0 [m] 4 [s]

21:42:46 763 - Action End : OK

21:42:46 773 - Solved (J2000) => RA 12 20 05,082 DEC 15 10 57,38 PA 275,7 Res. 1,71 [as/px] FL 457,62 [mm] Star/s 234

21:42:46 789 - Action Time [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 7 [s]

21:42:46 798 - Action Time Mobile Mean [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 7 [s]

21:42:46 806 - Action Time [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 21 [s]

21:42:46 814 - Action Time Mobile Mean [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 21 [s]

21:42:46 822 - Solved (J2000) coord converted to (JNow) RA=12 21 06,887 DEC=15 04 12,81

21:42:46 829 - Telescope Coord Before Sync => (JNow) RA=12 21 06,508 DEC=15 04 13,20

21:42:46 837 - Begin Sync

21:42:50 830 - Mount Sync on (JNow) RA=12 21 06,887 DEC=15 04 12,81

21:42:50 837 - Telescope Coord After Sync (JNow) => RA=12 21 06,875 DEC=15 04 12,77

21:42:50 848 - Target Coord (JNow) => RA=12 21 07,805 DEC=15 03 30,43

21:42:50 876 - Pointing Error Spherical => 00 00 44,43

21:42:50 881 - Pointing Error Position Angle => 162 21 45,59

21:42:50 888 - Max retry reached

21:42:50 894 - For your info the Best Performance obtained from your Mount in this pointing is 00° 00' 44"[DMS]

21:42:50 902 - Precision Point Out of Accepted Range

21:42:50 908 - Action Time [PRECISE_POINTING] => 2 [m] 27 [s]

21:42:50 928 - Action Time Mobile Mean [PRECISE_POINTING] => 1 [m] 28 [s]

21:42:50 934 - Focus To Star finished

21:42:50 940 - Action Time [FOCUS_SLEW_STAR_BACK_TARGET] => 5 [m] 29 [s]

21:42:50 945 - Action Time Mobile Mean [FOCUS_SLEW_STAR_BACK_TARGET] => 3 [m] 16 [s]

21:42:51 015 - Guide Calibration

21:42:51 840 - Guiding System Environment Set to Exposing frame time 0,5 [s] ; Binning=2

21:42:51 930 - Exposure Time Array Checked

21:42:52 047 - Exposure Time Settled

21:42:52 053 - Exposure Binning Settled

21:42:52 081 - Dome Slave Manager : Dome Object is Null

21:42:52 089 - Calibration Started

21:42:53 894 - Event ROBOGUIDE => Start Star AutoFind => 2020/03/27 21:42:53 876

21:42:53 989 - Event ROBOGUIDE => Use Min Edge to Border Frame of (14,14) pixel

21:42:54 009 - Event ROBOGUIDE => Use Min HFD for Guide Star Selection of 1 pixel

21:42:54 294 - Event ROBOGUIDE => Cannot Use Satured or Near Satured Star

21:42:54 301 - Event ROBOGUIDE => Star AutoFind Result => Star at [465,51,157,59];Intensity=140,384;Mass=2474,8;SNR=30,4;Peak=255;HFD=3,03;IsNearSaturationOrSatured=False

21:46:56 907 - BroadCastEteroMessagge : GUIDING_ALERT_MESSAGE

21:46:56 934 - Calibration Completed with Star Located @(x=439,777;y=507,516)

21:46:56 949 - Wait Calibration Command Settled for 3s

21:46:56 981 - Event GUIDING ALERT Message [WARNING] : Avis: L'??talonnage est termin??, mais les taux de AD et de Dec varient d'une quantit?? inattendue (souvent caus??e par un large jeu sur l'axe de Declinaison)

21:47:00 072 - Guiding Vector Data Log => Not Implemented !

21:47:00 078 - Action Time [ATOMIC_GUIDE_CALIBRATION] => 4 [m] 9 [s]

21:47:00 084 - Action Time Mobile Mean [ATOMIC_GUIDE_CALIBRATION] => 4 [m] 14 [s]

21:47:00 131 - Precise Pointing to Target

21:47:00 141 - Plate Solving Data for Precise Pointing Override done

21:47:00 162 - Actual Position (JNow) (RA=12 21 07,192 / DEC=15 04 14,63)

21:47:00 209 - Calculated Data for Dome is ALT=43 22 37,76 ;AZ=120 34 23,32 ;HA=-02:41:36;Latitude=47 45 00,00 ;Pier=pierWest

21:47:00 217 - Pier Flip Status After Last Slew = pierWest (DRV)(0)

21:47:00 224 - Expected Pier Flip Status After Slew = pierWest (DRV)(0)

21:47:00 229 - Slewing Async (JNow) RA=12 21 07,805 DEC=15 03 30,43 ...

21:47:00 678 - Event GUIDING STOPPED

21:47:00 753 - Event GUIDING LOCK LOST POSITION

21:47:00 958 - Waiting Settling Time (5s)...

21:47:05 946 - Mount Assert Stable (5s)...

21:47:05 973 - Actual Position (JNow) (RA=12 21 08,819 / DEC=15 03 30,54)

21:47:05 980 - Action Time [ATOMIC_TELESCOPE_GOTO] => 0 [m] 5 [s]

21:47:05 988 - Action Time Mobile Mean [ATOMIC_TELESCOPE_GOTO] => 0 [m] 9 [s]

21:47:06 006 - Reload Pier Flip Status After Slew = pierWest (DRV)(0)

21:47:06 409 - Exposing 10 [s] ; Filter=L ; Type=LIGHT ; Binning=1

21:47:16 816 - Expose finished

21:47:16 842 - Download started

21:47:17 711 - Download finished

21:47:20 104 - File FIT Saved (SyncVoyager_20200327_214705)

21:47:20 132 - Action Time [ATOMIC_CAMERA_SHOT] => 0 [m] 14 [s]

21:47:20 142 - Action Time Mobile Mean [ATOMIC_CAMERA_SHOT] => 1 [m] 32 [s]

21:47:20 168 - Solving Unreferenced FIT File SyncVoyager_20200327_214705.fit

21:47:20 177 - Action Start

21:47:20 185 - Starting Executable (PlateSolve2.exe) => PlateSolve2.exe

21:47:20 193 - Arguments => 3.22936930472966,0.264781546874668,0.0385997017371066,0.0291819050933452,999,C:\Users\AstroNUC\Documents\Voyager\FIT\SyncVoyager_20200327_214705.fit,0

21:47:20 203 - Wait for finish with Kill Option for timeout => 60000[ms]

21:47:26 976 - EXEC finished OK

21:47:26 985 - Action Time [ATOMIC_RUN_EXTERNAL] => 0 [m] 6 [s]

21:47:26 992 - Action Time Mobile Mean [ATOMIC_RUN_EXTERNAL] => 0 [m] 4 [s]

21:47:27 000 - Action End : OK

21:47:27 008 - Solved (J2000) => RA 12 20 06,759 DEC 15 10 09,70 PA 275,7 Res. 1,71 [as/px] FL 457,56 [mm] Star/s 252

21:47:27 015 - Action Time [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 6 [s]

21:47:27 023 - Action Time Mobile Mean [ATOMIC_PLATE_SOLVING_FILE] => 0 [m] 7 [s]

21:47:27 052 - Action Time [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 20 [s]

21:47:27 060 - Action Time Mobile Mean [PLATE_SOLVING_ACTUAL_LOCATION] => 0 [m] 21 [s]

21:47:27 088 - Solved (J2000) coord converted to (JNow) RA=12 21 08,563 DEC=15 03 25,13

21:47:27 096 - Telescope Coord Before Sync => (JNow) RA=12 21 08,815 DEC=15 03 30,54

21:47:27 102 - Begin Sync

21:47:31 154 - Mount Sync on (JNow) RA=12 21 08,563 DEC=15 03 25,13

21:47:31 160 - Telescope Coord After Sync (JNow) => RA=12 21 08,550 DEC=15 03 25,09

21:47:31 168 - Target Coord (JNow) => RA=12 21 07,805 DEC=15 03 30,43

21:47:31 218 - Pointing Error Spherical => 00 00 12,04

21:47:31 227 - Pointing Error Position Angle => 296 19 57,88

21:47:31 235 - For your info the Best Performance obtained from your Mount in this pointing is 00° 00' 12"[DMS]

21:47:31 242 - Precision Point In Accepted Range

21:47:31 248 - Action Time [PRECISE_POINTING] => 0 [m] 31 [s]

21:47:31 256 - Action Time Mobile Mean [PRECISE_POINTING] => 1 [m] 26 [s]

21:47:31 303 - Guide Star Acquire

21:47:32 012 - Guiding System Environment Set to Exposing frame time 0,5 [s] ; Binning=2

21:47:32 122 - Exposure Time Array Checked

21:47:32 234 - Exposure Time Settled

21:47:32 240 - Exposure Binning Settled

21:47:32 268 - Dome Slave Manager : Dome Object is Null

21:47:32 274 - PHD2 doesn't need dedicated Acquire. Action Skipped !

21:47:32 301 - Action Time [GUIDE_STAR_ACQUIRE] => 0 [m] 0 [s]

21:47:32 307 - Action Time Mobile Mean [GUIDE_STAR_ACQUIRE] => 0 [m] 0 [s]

21:47:32 355 - Start Guiding

21:47:38 572 - Guide Status Checked

21:47:38 582 - Guiding System Environment Set to Exposing frame time 0,5 [s] ; Binning=2

21:47:38 595 - Try Star Locked @(x=439,777;y=507,516)

21:47:38 711 - Exposure Time Array Checked

21:47:38 804 - Exposure Time Settled

21:47:38 835 - Exposure Binning Settled

21:47:38 843 - Dome Slave Manager : Dome Object is Null

21:47:38 862 - Guide Started .. Wait SettleDone (MaximumErrorPixel=1;MinimumSettleTimeSeconds=10;TimeoutSettlingSeconds=60)

21:47:40 654 - Event ROBOGUIDE => Start Star AutoFind => 2020/03/27 21:47:40 650

21:47:40 746 - Event ROBOGUIDE => Use Min Edge to Border Frame of (14,14) pixel

21:47:40 753 - Event ROBOGUIDE => Use Min HFD for Guide Star Selection of 1 pixel

21:47:41 087 - Event ROBOGUIDE => Cannot Use Satured or Near Satured Star

21:47:41 096 - Event ROBOGUIDE => Star AutoFind Result => Star at [445,67,151,95];Intensity=146,805;Mass=2164,4;SNR=28,2;Peak=255;HFD=2,41;IsNearSaturationOrSatured=False

21:47:53 101 - Guide Action Completed with Star Locked @(x=445,81;y=152,35)

21:47:53 106 - Guiding Vector Data Log => Not Implemented !

21:47:53 621 - Action Time [ATOMIC_GUIDE_MANAGER] => 0 [m] 21 [s]

21:47:53 627 - Action Time Mobile Mean [ATOMIC_GUIDE_MANAGER] => 0 [m] 17 [s]

21:47:53 676 - Cooling Check

21:47:53 728 - Cooling Status [_COOLED] => Actual Temperature of Camera -20[°C] - Requested -20[°C] - Temperature Plan Is Empty

21:47:53 735 - Cooling Ok => Actual Temperature of Camera -20[°C] - Requested -20[°C]

21:47:53 830 - Memory GC Collect

21:47:53 852 - Target is in range with requested Min Altitude 43 30 24,35 >= 30 00 00,00 [DMS]

21:47:53 859 - Expose M100_LIGHT_L_180s_BIN1_-20C_001_20200327_214753_835_W.FIT

21:47:53 962 - Focus Each X Absolute Delta Temperature [°C or ADU] .. actual is => 0,3

21:47:54 302 - Exposing 180 [s] ; Filter=L ; Type=LIGHT ; Binning=1 ; Speed Default ; ReadoutMode Default