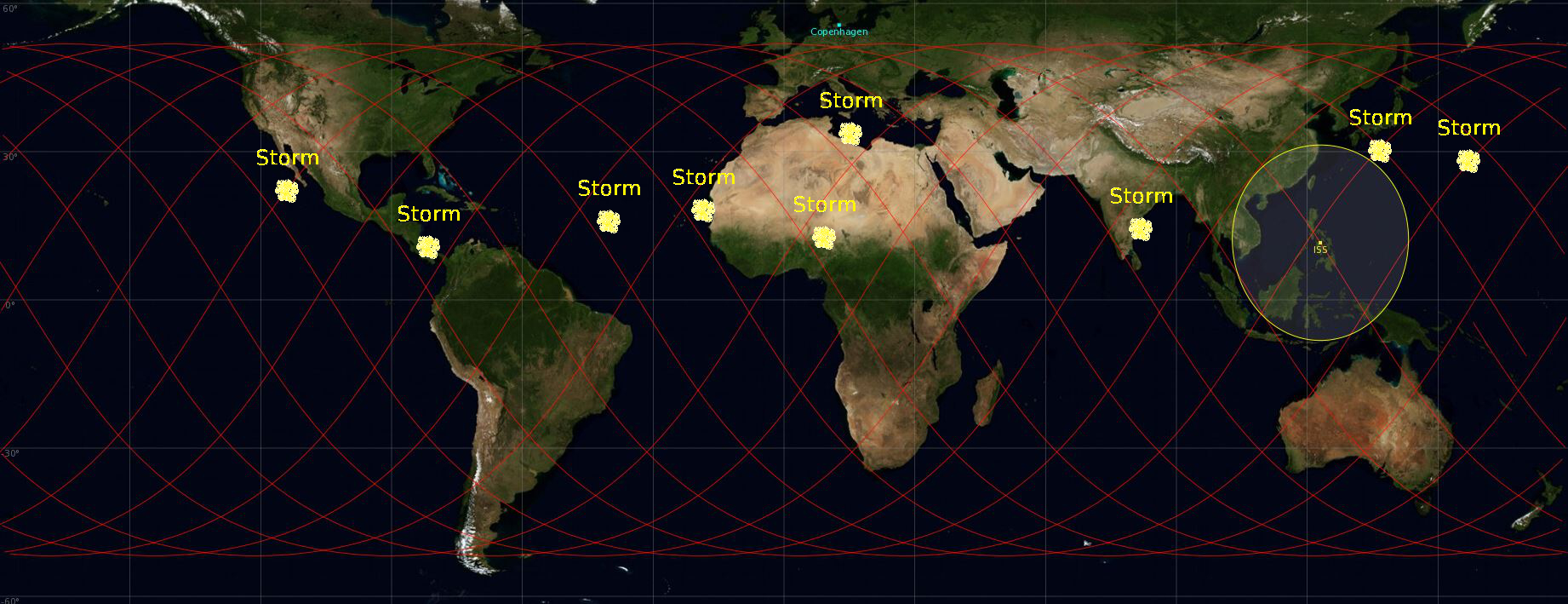
**THOR Observation Target List – Starting GMT 251 – 06:00**

Refer to JEDI 44-0296 for big picture words





**Particularities of GMT251**

Target 2-3, 5-6, 11-12, 14-15, 16-17, 20-21, 22-23 and 25-26 can be grouped. Observations 1-6, 8-9, 11-14, 17, 22 and 28 have sun facing the observing window, but not in the camera FOV.  
Observations 1, 8 and 13 are Night-time activities, but are partly during ISS Daytime. Nevertheless, the targets are still in the dark.



Target Summary GMT251

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| TARGET | Type / Config | Start | End | Start Pointing | PIRS Window | Quality |
| 1 | TLEs | 251/06:56 | 251/07:01 | Az: 80.1 º El -24.5 º | STBD | 3 |
| 2 | CTs | 251/07:10 | 251/07:14 | Az: 78.9 º El -20.1 º | STBD | 3 |
| 3 | CTs | 251/07:29 | 251/07:33 | Az: 82.4 º El -22.1 º | STBD | 3 |
| 4 | TLEs | 251/08:21 | 251/08:25 | Az: -9.6 º El -20.0 º | PORT | 3 |
| 5 | CTs | 251/08:48 | 251/08:52 | Az: 76.2 º El -20.3 º | STBD | 3 |
| 6 | CTs | 251/09:01 | 251/09:06 | Az: -20.0 º El -19.9 º | PORT | 3 |
| 7 | TLEs | 251/09:56 | 251/10:00 | Az: -57.0 º El -19.9 º | PORT | 3 |
| 8 | TLEs | 251/10:01 | 251/10:05 | Az: 76.5 º El -20.3 º | STBD | 3 |
| 9 | CTs | 251/10:27 | 251/10:31 | Az: 89.5 º El -28.7 º | STBD | 3 |
| 10 | TLEs | 251/11:35 | 251/11:39 | Az: 152.8 º El -58.2 º | STBD | 3 |
| 11 | CTs | 251/11:59 | 251/12:03 | Az: -16.7 º El -20.0 º | PORT | 3 |
| 12 | CTs | 251/12:06 | 251/12:09 | Az: 77.9 º El -20.1 º | STBD | 3 |
| 13 | CTs | 251/13:11 | 251/13:14 | Az: 79.3 º El -20.0 º | STBD | 3 |
| 14 | CTs | 251/13:37 | 251/13:41 | Az: 77.1 º El -21.2 º | STBD | 3 |
| 15 | CTs | 251/13:38 | 251/13:43 | Az: -6.4 º El -19.9 º | PORT | 3 |
| 16 | CTs | 251/15:09 | 251/15:14 | Az: -13.2 º El -19.9 º | PORT | 3 |
| 17 | CTs | 251/15:10 | 251/15:14 | Az: 79.3 º El -20.6 º | STBD | 3 |
| 18 | TLEs | 251/16:08 | 251/16:12 | Az: -52.6 º El -19.9 º | PORT | 3 |
| 19 | CTs | 251/16:43 | 251/16:47 | Az: -10.7 º El -19.9 º | PORT | 3 |
| 20 | TLEs | 251/17:41 | 251/17:45 | Az: -47.7 º El -19.9 º | PORT | 3 |
| 21 | TLEs | 251/17:48 | 251/17:52 | Az: 173.6 º El -43.0 º | STBD | 3 |
| 22 | CTs | 251/18:09 | 251/18:10 | Az: 82.2 º El -19.7 º | STBD | 2 |
| 23 | CTs | 251/18:17 | 251/18:21 | Az: 78.1 º El -20.9 º | STBD | 3 |
| 24 | TLEs | 251/19:21 | 251/19:25 | Az: 129.8 º El -49.4 º | STBD | 3 |
| 25 | CTs | 251/19:23 | 251/19:27 | Az: 79.4 º El -20.7 º | STBD | 3 |
| 26 | CTs | 251/19:46 | 251/19:50 | Az: 82.9 º El -21.6 º | STBD | 3 |
| 27 | CTs | 251/19:49 | 251/19:54 | Az: -15.7 º El -19.9 º | PORT | 3 |
| 28 | TLEs | 251/20:41 | 251/20:46 | Az: -34.2 º El -19.9 º | PORT | 3 |
| 29 | CTs | 251/20:56 | 251/21:01 | Az: 76.4 º El -20.3 º | STBD | 3 |
| 30 | CTs | 251/21:18 | 251/21:22 | Az: -11.8 º El -19.9 º | PORT | 3 |

**Particularities of GMT252**

Target 9-11, 12-13, 14-15, 17-18, 19-20, 21-22, 23-24 and 26-27 can be grouped. Observations 1,5, 8-9, 11-12, 15, 20-21, 25-26 and 29 have sun facing the observing window, but not in the camera FOV.  
Observations 8 and 20 are Night-time activities, but are partly during ISS Daytime. Nevertheless, the targets are still in the dark.

Target Summary GMT252

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| TARGET | Type / Config | Start | End | Start Pointing | PIRS Window | Quality |
| 1 | CTs | 252/06:36 | 252/06:40 | Az: 76.4 º El -21.4 º | STBD | 3 |
| 2 | TLEs | 252/07:28 | 252/07:32 | Az: -35.2 º El -19.9 º | PORT | 3 |
| 3 | CTs | 252/08:08 | 252/08:13 | Az: -16.9 º El -19.9 º | PORT | 3 |
| 4 | TLEs | 252/09:08 | 252/09:12 | Az: 90.1 º El -27.1 º | STBD | 3 |
| 5 | CTs | 252/09:33 | 252/09:37 | Az: 82.1 º El -22.3 º | STBD | 3 |
| 6 | TLEs | 252/10:37 | 252/10:42 | Az: -25.0 º El -20.0 º | PORT | 3 |
| 7 | CTs | 252/11:11 | 252/11:15 | Az: 171.5 º El -43.7 º | STBD | 3 |
| 8 | TLEs | 252/12:17 | 252/12:22 | Az: 79.1 º El -25.6 º | STBD | 3 |
| 9 | CTs | 252/12:42 | 252/12:44 | Az: 79.5 º El -19.7 º | STBD | 3 |
| 10 | CTs | 252/12:42 | 252/12:46 | Az: -49.3 º El -20.0 º | PORT | 3 |
| 11 | CTs | 252/12:49 | 252/12:54 | Az: 89.9 º El -32.0 º | STBD | 3 |
| 12 | CTs | 252/14:20 | 252/14:24 | Az: 116.7 º El -41.6 º | STBD | 3 |
| 13 | CTs | 252/14:21 | 252/14:26 | Az: -42.0 º El -19.9 º | PORT | 3 |
| 14 | CTs | 252/15:52 | 252/15:57 | Az: -49.3 º El -19.9 º | PORT | 3 |
| 15 | CTs | 252/15:53 | 252/15:57 | Az: 89.8 º El -28.4 º | STBD | 3 |
| 16 | TLEs | 252/16:49 | 252/16:54 | Az: -33.0 º El -20.0 º | PORT | 3 |
| 17 | CTs | 252/17:23 | 252/17:26 | Az: 77.5 º El -19.7 º | STBD | 3 |
| 18 | CTs | 252/17:25 | 252/17:30 | Az: -36.0 º El -19.9 º | PORT | 3 |
| 19 | TLEs | 252/18:24 | 252/18:29 | Az: -34.9 º El -20.0 º | PORT | 3 |
| 20 | TLEs | 252/18:29 | 252/18:34 | Az: 90.7 º El -35.2 º | STBD | 3 |
| 21 | CTs | 252/18:51 | 252/18:55 | Az: 77.5 º El -20.1 º | STBD | 3 |
| 22 | CTs | 252/19:02 | 252/19:05 | Az: 172.0 º El -43.1 º | STBD | 3 |
| 23 | TLEs | 252/19:49 | 252/19:54 | Az: -44.2 º El -19.9 º | PORT | 3 |
| 24 | TLEs | 252/20:05 | 252/20:09 | Az: 125.0 º El -46.6 º | STBD | 3 |
| 25 | CTs | 252/20:06 | 252/20:09 | Az: 76.6 º El -20.0 º | STBD | 3 |
| 26 | CTs | 252/20:29 | 252/20:33 | Az: 146.1 º El -57.7 º | STBD | 3 |
| 27 | CTs | 252/20:35 | 252/20:38 | Az: -71.2 º El -19.9 º | PORT | 3 |
| 28 | TLEs | 252/21:29 | 252/21:33 | Az: 90.3 º El -34.9 º | STBD | 3 |
| 29 | CTs | 252/21:41 | 252/21:45 | Az: 82.6 º El -22.3 º | STBD | 3 |

**Particularities of GMT253**

Target can be grouped. Observations 11-13, 16, 21, 24 and 28 have sun facing the observing window, but not in the camera FOV.  
Observations 12 and 24 are Night-time activities, but are partly during ISS Daytime. Nevertheless, the targets are still in the dark.

Target Summary GMT253

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| TARGET | Type / Config | Start | End | Start Pointing | PIRS Window | Quality |
| 1 | TLEs | 253/06:35 | 253/06:40 | Az: -54.4 º El -19.9 º | PORT | 3 |
| 2 | TLEs | 253/06:45 | 253/06:49 | Az: 90.2 º El -28.9 º | STBD | 3 |
| 3 | CTs | 253/07:01 | 253/07:03 | Az: 78.0 º El -19.8 º | STBD | 3 |
| 4 | CTs | 253/07:15 | 253/07:19 | Az: -6.5 º El -19.9 º | PORT | 3 |
| 5 | TLEs | 253/08:15 | 253/08:19 | Az: 118.4 º El -42.5 º | STBD | 3 |
| 6 | CTs | 253/08:39 | 253/08:43 | Az: 80.3 º El -20.4 º | STBD | 3 |
| 7 | TLEs | 253/09:46 | 253/09:49 | Az: -53.0 º El -19.9 º | PORT | 3 |
| 8 | CTs | 253/10:17 | 253/10:21 | Az: 89.1 º El -38.8 º | STBD | 3 |
| 9 | TLEs | 253/11:25 | 253/11:29 | Az: 147.6 º El -56.7 º | STBD | 3 |
| 10 | CTs | 253/11:49 | 253/11:54 | Az: -35.5 º El -20.0 º | PORT | 3 |
| 11 | CTs | 253/11:53 | 253/11:57 | Az: 77.0 º El -19.9 º | STBD | 3 |
| 12 | TLEs | 253/13:00 | 253/13:05 | Az: 76.7 º El -20.3 º | STBD | 3 |
| 13 | CTs | 253/13:25 | 253/13:29 | Az: 79.1 º El -20.6 º | STBD | 3 |
| 14 | CTs | 253/13:26 | 253/13:30 | Az: -1.9 º El -19.9 º | PORT | 3 |
| 15 | CTs | 253/14:58 | 253/15:02 | Az: 76.9 º El -20.1 º | STBD | 3 |
| 16 | CTs | 253/14:58 | 253/15:02 | Az: -9.6 º El -19.9 º | PORT | 3 |
| 17 | TLEs | 253/15:59 | 253/16:02 | Az: -77.3 º El -19.9 º | PORT | 3 |
| 18 | CTs | 253/16:30 | 253/16:35 | Az: -5.6 º El -19.9 º | PORT | 3 |
| 19 | TLEs | 253/17:31 | 253/17:36 | Az: -10.7 º El -20.1 º | PORT | 3 |
| 20 | TLEs | 253/17:32 | 253/17:36 | Az: -59.3 º El -20.0 º | PORT | 3 |
| 21 | CTs | 253/18:08 | 253/18:12 | Az: 90.0 º El -30.1 º | STBD | 3 |
| 22 | TLEs | 253/18:59 | 253/19:01 | Az: -77.3 º El -19.9 º | PORT | 3 |
| 23 | TLEs | 253/19:06 | 253/19:10 | Az: -7.2 º El -20.1 º | PORT | 3 |
| 24 | TLEs | 253/19:12 | 253/19:17 | Az: 80.2 º El -24.5 º | STBD | 3 |
| 25 | CTs | 253/19:40 | 253/19:44 | Az: -40.3 º El -19.9 º | PORT | 3 |
| 26 | TLEs | 253/20:31 | 253/20:35 | Az: -1.9 º El -20.1 º | PORT | 3 |
| 27 | CTs | 253/20:47 | 253/20:52 | Az: 78.4 º El -26.4 º | STBD | 3 |
| 28 | CTs | 253/20:49 | 253/20:53 | Az: 78.3 º El -19.9 º | STBD | 3 |

Camera Summary/Cue card

|  |  |  |
| --- | --- | --- |
| Camera Settings | CT | TLE |
| Lens | 24-70mm Lens | 58mm Noct Lens |
| Mode | S | M |
| Shutter speed | 1000 | 25 |
| Aperture | Automatically adjusted | f1.2 |
| Frame Rate | S | S |
| Body focus mode | AF | M |
| ISO | 200 | 6400 |
| Picture/movie | Picture | For inspection camera settings: Picture  Observations: Movie |
| Image quality | RAW | RAW |
| Frame size/frame rate (movie) | N/A | 1920x1080; 24 fps |
| Movie quality | N/A | High |

Procedures:

* + PODF 1.100 THOR D4 Time Set-Up
  + PODF 2.101 THOR CT Observations Day
  + PODF 2.201 THOR TLE Observations

Pointing information:

The azimuth angle is defined with respect to the ISS velocity vector. A positive azimuth corresponds to starboard side; a negative azimuth is on the port side. The elevation angle is defined as the angle between the target and the observer's local horizon, where a negative elevation corresponds to direction Nadir.

PORT: target comes from the horizon moving slowly and disappears underneath the ISS rapidly.

STBD: target comes rapidly in view from underneath the ISS and disappears slowly toward horizon (more difficult).

Detailed Target List

|  |  |  |
| --- | --- | --- |
| Target 1 | TLEs above Mid\_Atlantic | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Nightime  251/06:56  251/07:01  Target on STBD side, moving toward horizon  Start Az: 80.1 º El -24.5 º  End Az: 147.4 º El -19.8 º  ISS in daytime, Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150908_065616_Mid_Atlantic_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 2 | CTs above Libya | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Daytime  251/07:10  251/07:14  Target on STBD side, moving toward horizon  Start Az: 78.9 º El -20.1 º  End Az: 120.3 º El -19.8 º  Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150908_071025_Libya_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 3 | CTs above Bay\_of\_Bengal | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Daytime  251/07:29  251/07:33  Target on STBD side, moving toward horizon  Start Az: 82.4 º El -22.1 º  End Az: 139.4 º El -19.9 º  Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150908_072855_Bay_of_Bengal_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 4 | TLEs above Carribean | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Nightime  251/08:21  251/08:25  Target on PORT side, coming from horizon  Start Az: -9.6 º El -20.0 º  End Az: -55.6 º El -46.9 º | T:\src\gpredict-1.3\STORM\Storm_20150908_082034_Carribean_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 5 | CTs above Libya | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Daytime  251/08:48  251/08:52  Target on STBD side, moving toward horizon  Start Az: 76.2 º El -20.3 º  End Az: 122.8 º El -19.9 º  Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150908_084820_Libya_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 6 | CTs above Bay\_of\_Bengal | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Daytime  251/09:01  251/09:06  Target on PORT side, coming from horizon  Start Az: -20.0 º El -19.9 º  End Az: -90.1 º El -32.8 º | T:\src\gpredict-1.3\STORM\Storm_20150908_090109_Bay_of_Bengal_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 7 | TLEs above California | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Nightime  251/09:56  251/10:00  Target on PORT side, coming from horizon  Start Az: -57.0 º El -19.9 º  End Az: -102.5 º El -20.3 º | T:\src\gpredict-1.3\STORM\Storm_20150908_095541_California_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 8 | TLEs above Carribean | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Nightime  251/10:01  251/10:05  Target on STBD side, moving toward horizon  Start Az: 76.5 º El -20.3 º  End Az: 125.6 º El -19.8 º  ISS in daytime, Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150908_100040_Carribean_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 9 | CTs above Libya | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Daytime  251/10:27  251/10:31  Target on STBD side, moving toward horizon  Start Az: 89.5 º El -28.7 º  End Az: 155.1 º El -20.1 º  Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150908_102649_Libya_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 10 | TLEs above California | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Nightime  251/11:35  251/11:39  Target on STBD side, moving toward horizon  Start Az: 152.8 º El -58.2 º  End Az: 176.0 º El -20.3 º  ISS in daytime | T:\src\gpredict-1.3\STORM\Storm_20150908_113510_California_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 11 | CTs above Libya | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Daytime  251/11:59  251/12:03  Target on PORT side, coming from horizon  Start Az: -16.7 º El -20.0 º  End Az: -89.2 º El -36.9 º  Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150908_115838_Libya_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 12 | CTs above Nigeria | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Daytime  251/12:06  251/12:09  Target on STBD side, moving toward horizon  Start Az: 77.9 º El -20.1 º  End Az: 119.8 º El -19.9 º  Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150908_120548_Nigeria_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 13 | TLEs above California | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Daytime  251/13:11  251/13:14  Target on STBD side, moving toward horizon  Start Az: 79.3 º El -20.0 º  End Az: 119.6 º El -19.8 º  ISS in daytime, Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150908_131031_California_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 14 | CTs above Mali | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Daytime  251/13:37  251/13:41  Target on STBD side, moving toward horizon  Start Az: 77.1 º El -21.2 º  End Az: 131.9 º El -20.0 º  Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150908_133642_Mali_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 15 | CTs above Nigeria | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Daytime  251/13:38  251/13:43  Target on PORT side, coming from horizon  Start Az: -6.4 º El -19.9 º  End Az: -45.9 º El -52.5 º | T:\src\gpredict-1.3\STORM\Storm_20150908_133828_Nigeria_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 16 | CTs above Mali | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Daytime  251/15:09  251/15:14  Target on PORT side, coming from horizon  Start Az: -13.2 º El -19.9 º  End Az: -89.8 º El -42.6 º | T:\src\gpredict-1.3\STORM\Storm_20150908_150918_Mali_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 17 | CTs above Mid\_Atlantic | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Daytime  251/15:10  251/15:14  Target on STBD side, moving toward horizon  Start Az: 79.3 º El -20.6 º  End Az: 130.0 º El -19.9 º  Sun facing observing window | T:\src\gpredict-1.3\STORM\Storm_20150908_151020_Mid_Atlantic_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 18 | TLEs above Western\_Pacific | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Nightime  251/16:08  251/16:12  Target on PORT side, coming from horizon  Start Az: -52.6 º El -19.9 º  End Az: -100.0 º El -20.6 º | T:\src\gpredict-1.3\STORM\Storm_20150908_160751_Western_Pacific.jpg |

|  |  |  |
| --- | --- | --- |
| Target 19 | CTs above Mid\_Atlantic | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Daytime  251/16:43  251/16:47  Target on PORT side, coming from horizon  Start Az: -10.7 º El -19.9 º  End Az: -59.6 º El -44.0 º | T:\src\gpredict-1.3\STORM\Storm_20150908_164250_Mid_Atlantic_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 20 | TLEs above Japan | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Nightime  251/17:41  251/17:45  Target on PORT side, coming from horizon  Start Az: -47.7 º El -19.9 º  End Az: -101.9 º El -21.0 º | T:\src\gpredict-1.3\STORM\Storm_20150908_174057_Japan_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 21 | TLEs above Western\_Pacific | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Nightime  251/17:48  251/17:52  Target on STBD side, moving toward horizon  Start Az: 173.6 º El -43.0 º  End Az: 178.4 º El -20.0 º | T:\src\gpredict-1.3\STORM\Storm_20150908_174755_Western_Pacific.jpg |

|  |  |  |
| --- | --- | --- |
| Target 22 | CTs above California | Quality \*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Daytime  251/18:09  251/18:10  Target on STBD side, moving toward horizon  Start Az: 82.2 º El -19.7 º  End Az: 97.5 º El -19.8 º  Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150908_180838_California_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 23 | CTs above Carribean | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Daytime  251/18:17  251/18:21  Target on STBD side, moving toward horizon  Start Az: 78.1 º El -20.9 º  End Az: 133.3 º El -19.9 º  Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150908_181658_Carribean_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 24 | TLEs above Japan | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Nightime  251/19:21  251/19:25  Target on STBD side, moving toward horizon  Start Az: 129.8 º El -49.4 º  End Az: 170.9 º El -20.3 º  ISS in daytime | T:\src\gpredict-1.3\STORM\Storm_20150908_192055_Japan_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 25 | CTs above Western\_Pacific | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Daytime  251/19:23  251/19:27  Target on STBD side, moving toward horizon  Start Az: 79.4 º El -20.7 º  End Az: 127.0 º El -19.9 º  Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150908_192254_Western_Pacific.jpg |

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| Target 26 | CTs above California | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Daytime  251/19:46  251/19:50  Target on STBD side, moving toward horizon  Start Az: 82.9 º El -21.6 º  End Az: 133.6 º El -20.0 º  Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150908_194549_California_3.jpg |

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| Target 27 | CTs above Carribean | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Daytime  251/19:49  251/19:54  Target on PORT side, coming from horizon  Start Az: -15.7 º El -19.9 º  End Az: -90.2 º El -38.3 º | T:\src\gpredict-1.3\STORM\Storm_20150908_194928_Carribean_3.jpg |

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| Target 28 | TLEs above Bay\_of\_Bengal | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Nightime  251/20:41  251/20:46  Target on PORT side, coming from horizon  Start Az: -34.2 º El -19.9 º  End Az: -99.5 º El -24.0 º | T:\src\gpredict-1.3\STORM\Storm_20150908_204124_Bay_of_Bengal_3.jpg |

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| Target 29 | CTs above Japan | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Daytime  251/20:56  251/21:01  Target on STBD side, moving toward horizon  Start Az: 76.4 º El -20.3 º  End Az: 126.2 º El -19.8 º  Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150908_205619_Japan_3.jpg |

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| Target 30 | CTs above California | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/08 Daytime  251/21:18  251/21:22  Target on PORT side, coming from horizon  Start Az: -11.8 º El -19.9 º  End Az: -61.7 º El -42.0 º | T:\src\gpredict-1.3\STORM\Storm_20150908_211803_California_3.jpg |

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| Target 1 | CTs above Bay\_of\_Bengal | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Daytime  252/06:36  252/06:40  Target on STBD side, moving toward horizon  Start Az: 76.4 º El -21.4 º  End Az: 133.8 º El -20.0 º  Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150909_063536_Bay_of_Bengal_3.jpg |

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| Target 2 | TLEs above Carribean | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Nightime  252/07:28  252/07:32  Target on PORT side, coming from horizon  Start Az: -35.2 º El -19.9 º  End Az: -99.1 º El -23.6 º | T:\src\gpredict-1.3\STORM\Storm_20150909_072754_Carribean_3.jpg |

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| Target 3 | CTs above Bay\_of\_Bengal | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Daytime  252/08:08  252/08:13  Target on PORT side, coming from horizon  Start Az: -16.9 º El -19.9 º  End Az: -90.0 º El -36.5 º | T:\src\gpredict-1.3\STORM\Storm_20150909_080813_Bay_of_Bengal_3.jpg |

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| Target 4 | TLEs above Carribean | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Nightime  252/09:08  252/09:12  Target on STBD side, moving toward horizon  Start Az: 90.1 º El -27.1 º  End Az: 149.7 º El -20.1 º | T:\src\gpredict-1.3\STORM\Storm_20150909_090810_Carribean_3.jpg |

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| Target 5 | CTs above Tunisia | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Daytime  252/09:33  252/09:37  Target on STBD side, moving toward horizon  Start Az: 82.1 º El -22.3 º  End Az: 140.1 º El -20.0 ºEnd Az: 138.2 º El -20.1 º  Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150909_093233_Libya_3.jpg |

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| Target 6 | TLEs above California | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Nightime  252/10:37  252/10:42  Target on PORT side, coming from horizon  Start Az: -25.0 º El -20.0 º  End Az: -90.3 º El -28.9 º | T:\src\gpredict-1.3\STORM\Storm_20150909_103712_California_3.jpg |

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| Target 7 | CTs above Tunisia | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Daytime  252/11:11  252/11:15  Target on STBD side, moving toward horizon  Start Az: 171.5 º El -43.7 º  End Az: 178.2 º El -20.1 º | T:\src\gpredict-1.3\STORM\Storm_20150909_111054_Libya_3.jpg |

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| Target 8 | TLEs above California | Quality \*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Nightime  252/12:17  252/12:22  Target on STBD side, moving toward horizon  Start Az: 79.1 º El -25.6 º  End Az: 150.1 º El -19.9 º  ISS in daytime, Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150909_121727_California_3.jpg |

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| Target 9 | CTs above Mali | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Daytime  252/12:42  252/12:44  Target on STBD side, moving toward horizon  Start Az: 79.5 º El -19.7 º  End Az: 100.1 º El -19.8 º  Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150909_124146_Mali_3.jpg |

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| Target 10 | CTs above Tunisia | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Daytime  252/12:42  252/12:46  Target on PORT side, coming from horizon  Start Az: -49.3 º El -20.0 º  End Az: -100.5 º El -20.8 º | T:\src\gpredict-1.3\STORM\Storm_20150909_124224_Libya_3.jpg |

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| Target 11 | CTs above Nigeria | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Daytime  252/12:49  252/12:54  Target on STBD side, moving toward horizon  Start Az: 89.9 º El -32.0 º  End Az: 159.2 º El -20.0 º  Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150909_124904_Nigeria_3.jpg |

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| Target 12 | CTs above Mali | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Daytime  252/14:20  252/14:24  Target on STBD side, moving toward horizon  Start Az: 116.7 º El -41.6 º  End Az: 167.7 º El -20.0 º  Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150909_142014_Mali_3.jpg |

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| Target 13 | CTs above Nigeria | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Daytime  252/14:21  252/14:26  Target on PORT side, coming from horizon  Start Az: -42.0 º El -19.9 º  End Az: -97.1 º El -21.9 º | T:\src\gpredict-1.3\STORM\Storm_20150909_142128_Nigeria_3.jpg |

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| Target 14 | CTs above Mali | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Daytime  252/15:52  252/15:57  Target on PORT side, coming from horizon  Start Az: -49.3 º El -19.9 º  End Az: -100.8 º El -20.8 º | T:\src\gpredict-1.3\STORM\Storm_20150909_155226_Mali_3.jpg |

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| Target 15 | CTs above Mid\_Atlantic | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Daytime  252/15:53  252/15:57  Target on STBD side, moving toward horizon  Start Az: 89.8 º El -28.4 º  End Az: 155.0 º El -20.0 º  Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150909_155258_Mid_Atlantic_3.jpg |

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| Target 16 | TLEs above Western\_Pacific | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Nightime  252/16:49  252/16:54  Target on PORT side, coming from horizon  Start Az: -33.0 º El -20.0 º  End Az: -100.3 º El -24.5 º | T:\src\gpredict-1.3\STORM\Storm_20150909_164909_Western_Pacific.jpg |

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| Target 17 | CTs above Carribean | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Daytime  252/17:23  252/17:26  Target on STBD side, moving toward horizon  Start Az: 77.5 º El -19.7 º  End Az: 108.5 º El -19.8 º | T:\src\gpredict-1.3\STORM\Storm_20150909_172314_Carribean_3.jpg |

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| Target 18 | CTs above Mid\_Atlantic | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Daytime  252/17:25  252/17:30  Target on PORT side, coming from horizon  Start Az: -36.0 º El -19.9 º  End Az: -98.7 º El -23.2 º | T:\src\gpredict-1.3\STORM\Storm_20150909_172508_Mid_Atlantic_3.jpg |

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| Target 19 | TLEs above Japan | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Nightime  252/18:24  252/18:29  Target on PORT side, coming from horizon  Start Az: -34.9 º El -20.0 º  End Az: -99.7 º El -23.8 º | T:\src\gpredict-1.3\STORM\Storm_20150909_182411_Japan_3.jpg |

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| Target 20 | TLEs above Western\_Pacific | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Nightime  252/18:29  252/18:34  Target on STBD side, moving toward horizon  Start Az: 90.7 º El -35.2 º  End Az: 159.7 º El -20.2 º  ISS in daytime, Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150909_182929_Western_Pacific.jpg |

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| Target 21 | CTs above California | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Daytime  252/18:51  252/18:55  Target on STBD side, moving toward horizon  Start Az: 77.5 º El -20.1 º  End Az: 123.0 º El -19.9 º  Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150909_185047_California_3.jpg |

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| Target 22 | CTs above Carribean | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Daytime  252/19:02  252/19:05  Target on STBD side, moving toward  Start Az: 172.0 º El -43.1 º  End Az: 178.1 º El -20.4 º  Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150909_190201_Carribean_3.jpg |

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| Target 23 | TLEs above Bay\_of\_Bengal | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Nightime  252/19:49  252/19:54  Target on PORT side, coming from horizon  Start Az: -44.2 º El -19.9 º  End Az: -103.1 º El -21.4 º | T:\src\gpredict-1.3\STORM\Storm_20150909_194917_Bay_of_Bengal_3.jpg |

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| Target 24 | TLEs above Japan | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Nightime  252/20:05  252/20:09  Target on STBD side, moving toward horizon  Start Az: 125.0 º El -46.6 º  End Az: 170.4 º El -20.0 º | T:\src\gpredict-1.3\STORM\Storm_20150909_200452_Japan_3.jpg |

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| Target 25 | CTs above Western\_Pacific | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Daytime  252/20:06  252/20:09  Target on STBD side, moving toward horizon  Start Az: 76.6 º El -20.0 º  End Az: 118.2 º El -19.8 º  Sun facing observing window | T:\src\gpredict-1.3\STORM\Storm_20150909_200534_Western_Pacific.jpg |

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| Target 26 | CTs above California | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Daytime  252/20:29  252/20:33  Target on STBD side, moving toward horizon  Start Az: 146.1 º El -57.7 º  End Az: 175.9 º El -20.0 º  Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150909_202907_California_3.jpg |

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| Target 27 | CTs above Carribean | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Daytime  252/20:35  252/20:38  Target on PORT side, coming from horizon  Start Az: -71.2 º El -19.9 º  End Az: -102.7 º El -19.8 º | T:\src\gpredict-1.3\STORM\Storm_20150909_203519_Carribean_3.jpg |

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| Target 28 | TLEs above Bay\_of\_Bengal | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Nightime  252/21:29  252/21:33  Target on STBD side, moving toward horizon  Start Az: 90.3 º El -34.9 º  End Az: 159.4 º El -20.2 º | T:\src\gpredict-1.3\STORM\Storm_20150909_212904_Bay_of_Bengal_3.jpg |

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| Target 29 | CTs above Japan | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/09 Daytime  252/21:41  252/21:45  Target on STBD side, moving toward horizon  Start Az: 82.6 º El -22.3 º  End Az: 139.8 º El -19.9 º  Sun facing observing window | T:\src\gpredict-1.3\STORM\Storm_20150909_214056_Japan_3.jpg |

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| Target 1 | TLEs above Carribean | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/06:35  253/06:40  Target on PORT side, coming from horizon  Start Az: -54.4 º El -19.9 º  End Az: -103.5 º El -20.4 º | T:\src\gpredict-1.3\STORM\Storm_20150910_063527_Carribean_3.jpg |

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| Target 2 | TLEs above Mid\_Atlantic | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/06:45  253/06:49  Target on STBD side, moving toward horizon  Start Az: 90.2 º El -28.9 º  End Az: 152.7 º El -20.1 º | T:\src\gpredict-1.3\STORM\Storm_20150910_064435_Mid_Atlantic_3.jpg |

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| Target 3 | CTs above Tunisia | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/07:01  253/07:03  Target on STBD side, moving toward horizon  Start Az: 78.0 º El -19.8 º  End Az: 100.2 º El -19.8 º | T:\src\gpredict-1.3\STORM\Storm_20150910_070035_Libya_3.jpg |

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| Target 4 | CTs above Bay\_of\_Bengal | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/07:15  253/07:19  Target on PORT side, coming from horizon  Start Az: -6.5 º El -19.9 º  End Az: -46.0 º El -52.2 º | T:\src\gpredict-1.3\STORM\Storm_20150910_071504_Bay_of_Bengal_3.jpg |

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| Target 5 | TLEs above Carribean | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/08:15  253/08:19  Target on STBD side, moving toward horizon  Start Az: 118.4 º El -42.5 º  End Az: 167.9 º El -19.9 º | T:\src\gpredict-1.3\STORM\Storm_20150910_081509_Carribean_3.jpg |

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| Target 6 | CTs above Tunisia | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/08:39  253/08:43  Target on STBD side, moving toward horizon  Start Az: 80.3 º El -20.4 º  End Az: 123.7 º El -19.9 º | T:\src\gpredict-1.3\STORM\Storm_20150910_083911_Libya_3.jpg |

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| Target 7 | TLEs above California | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/09:46  253/09:49  Target on PORT side, coming from horizon  Start Az: -53.0 º El -19.9 º  End Az: -99.9 º El -20.6 º | T:\src\gpredict-1.3\STORM\Storm_20150910_094532_California_3.jpg |

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| Target 8 | CTs above Tunisia | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/10:17  253/10:21  Target on STBD side, moving toward horizon  Start Az: 89.1 º El -38.8 º  End Az: 162.7 º El -20.4 º | T:\src\gpredict-1.3\STORM\Storm_20150910_101704_Libya_3.jpg |

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| Target 9 | TLEs above California | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/11:25  253/11:29  Target on STBD side, moving toward horizon  Start Az: 147.6 º El -56.7 º  End Az: 175.1 º El -20.3 º  ISS in daytime. | T:\src\gpredict-1.3\STORM\Storm_20150910_112509_California_3.jpg |

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| Target 10 | CTs above Tunisia | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/11:49  253/11:54  Target on PORT side, coming from horizon  Start Az: -35.5 º El -20.0 º  End Az: -98.5 º El -23.5 º | T:\src\gpredict-1.3\STORM\Storm_20150910_114923_Libya_3.jpg |

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| Target 11 | CTs above Nigeria | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/11:53  253/11:57  Target on STBD side, moving toward horizon  Start Az: 77.0 º El -19.9 º  End Az: 117.5 º El -19.8 º  Sun facing observing window | T:\src\gpredict-1.3\STORM\Storm_20150910_115305_Nigeria_3.jpg |

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| Target 12 | TLEs above California | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/13:00  253/13:05  Target on STBD side, moving toward horizon  Start Az: 76.7 º El -20.3 º  End Az: 125.5 º El -19.8 º  ISS in daytime. Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150910_112509_California_3.jpg |

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| Target 13 | CTs above Mali | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/13:25  253/13:29  Target on STBD side, moving toward horizon  Start Az: 79.1 º El -20.6 º  End Az: 130.3 º El -19.9 º  Sun facing observing window | T:\src\gpredict-1.3\STORM\Storm_20150910_132507_Mali_3.jpg |

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| Target 14 | CTs above Nigeria | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/13:26  253/13:30  Target on PORT side, coming from horizon  Start Az: -1.9 º El -19.9 º  End Az: -9.1 º El -43.1 º | T:\src\gpredict-1.3\STORM\Storm_20150910_132558_Nigeria_3.jpg |

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| Target 15 | CTs above Mali | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/14:58  253/15:02  Target on PORT side, coming from horizon  Start Az: -9.6 º El -19.9 º  End Az: -56.7 º El -46.1 º | T:\src\gpredict-1.3\STORM\Storm_20150910_145739_Mali_3.jpg |

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| Target 16 | CTs above Mid\_Atlantic | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/14:58  253/15:02  Target on STBD side, moving toward horizon  Start Az: 76.9 º El -20.1 º  End Az: 124.6 º El -19.9 º  Sun facing observing window | T:\src\gpredict-1.3\STORM\Storm_20150910_145738_Mid_Atlantic_3.jpg |

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| Target 17 | TLEs above Western\_Pacific | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/15:59  253/16:02  Target on PORT side, coming from horizon  Start Az: -77.3 º El -19.9 º  End Az: -102.1 º El -20.0 º | T:\src\gpredict-1.3\STORM\Storm_20150910_155917_Western_Pacific.jpg |

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| Target 18 | CTs above Mid\_Atlantic | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/16:30  253/16:35  Target on PORT side, coming from horizon  Start Az: -5.6 º El -19.9 º  End Az: -41.9 º El -54.0 º | T:\src\gpredict-1.3\STORM\Storm_20150910_163025_Mid_Atlantic_3.jpg |

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| Target 19 | TLEs above Western\_Pacific | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/17:31  253/17:36  Target on PORT side, coming from horizon  Start Az: -10.7 º El -20.1 º  End Az: -59.6 º El -45.2 º | T:\src\gpredict-1.3\STORM\Storm_20150910_173129_Western_Pacific.jpg |

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| Target 20 | TLEs above Japan | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/17:32  253/17:36  Target on PORT side, coming from horizon  Start Az: -59.3 º El -20.0 º  End Az: -101.7 º El -20.2 º | T:\src\gpredict-1.3\STORM\Storm_20150910_173226_Japan_3.jpg |

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| Target 21 | CTs above Carribean | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/18:08  253/18:12  Target on STBD side, moving toward horizon  Start Az: 90.0 º El -30.1 º  End Az: 157.2 º El -20.0 º  Sun facing observing window | T:\src\gpredict-1.3\STORM\Storm_20150910_180731_Carribean_3.jpg |

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| Target 22 | TLEs above Bay\_of\_Bengal | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/18:59  253/19:01  Target on PORT side, coming from horizon  Start Az: -77.3 º El -19.9 º  End Az: -101.9 º El -19.9 º | T:\src\gpredict-1.3\STORM\Storm_20150910_185852_Bay_of_Bengal_3.jpg |

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| Target 23 | TLEs above Japan | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/19:06  253/19:10  Target on PORT side, coming from horizon  Start Az: -7.2 º El -20.1 º  End Az: -48.7 º El -52.2 º | T:\src\gpredict-1.3\STORM\Storm_20150910_190607_Japan_3.jpg |

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| Target 24 | TLEs above Western\_Pacific | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/19:12  253/19:17  Target on STBD side, moving toward horizon  Start Az: 80.2 º El -24.5 º  End Az: 147.6 º El -19.9 º  ISS in daytime, Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150910_191218_Western_Pacific.jpg |

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| Target 25 | CTs above Carribean | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/19:40  253/19:44  Target on PORT side, coming from horizon  Start Az: -40.3 º El -19.9 º  End Az: -97.6 º El -22.2 º | T:\src\gpredict-1.3\STORM\Storm_20150910_193951_Carribean_3.jpg |

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| Target 26 | TLEs above Bay\_of\_Bengal | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/20:31  253/20:35  Target on PORT side, coming from horizon  Start Az: -1.9 º El -20.1 º  End Az: -7.7 º El -43.4 º | T:\src\gpredict-1.3\STORM\Storm_20150910_203118_Bay_of_Bengal_3.jpg |

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| Target 27 | CTs above Japan | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/20:47  253/20:52  Target on STBD side, moving toward horizon  Start Az: 78.4 º El -26.4 º  End Az: 151.8 º El -20.0 º | T:\src\gpredict-1.3\STORM\Storm_20150910_193951_Carribean_3.jpg |

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| Target 28 | CTs above Western\_Pacific | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/20:49  253/20:53  Target on STBD side, moving toward horizon  Start Az: 78.3 º El -19.9 º  End Az: 114.9 º El -19.8 º  Sun facing observing window | T:\src\gpredict-1.3\STORM\Storm_20150910_204922_Western_Pacific.jpg |