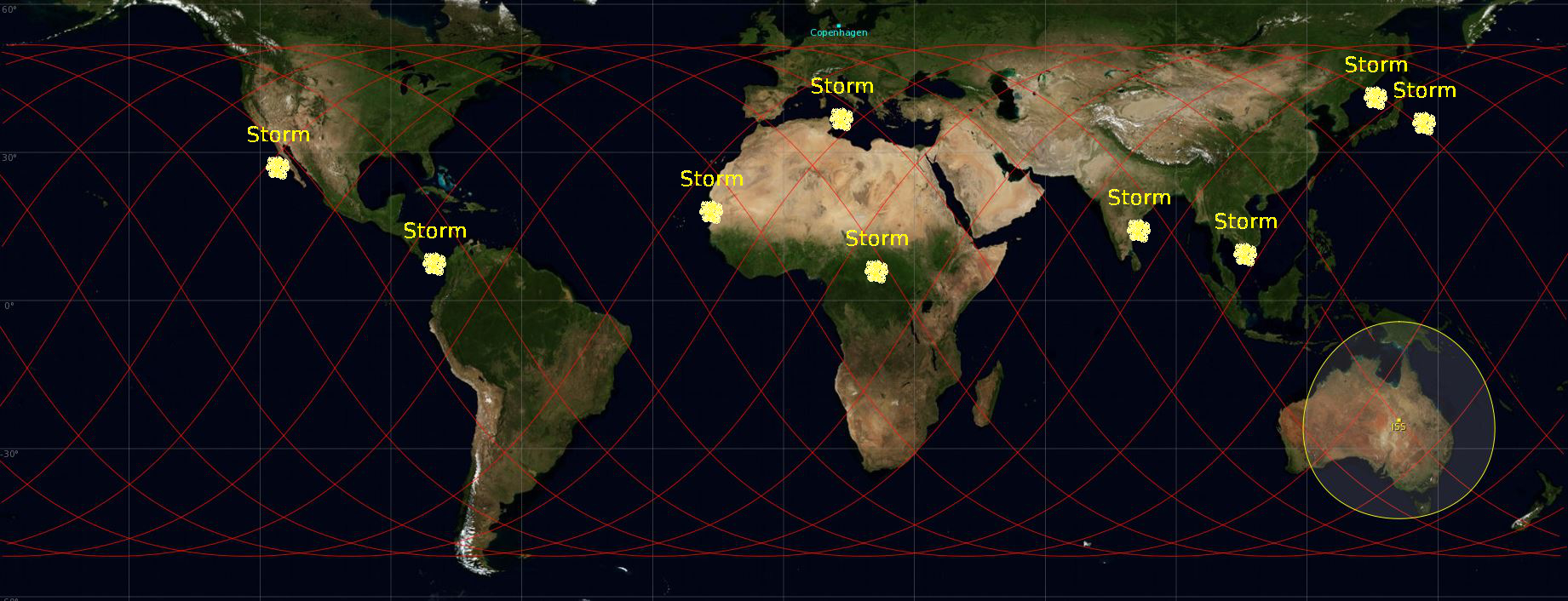
**THOR Observation Target List – Starting GMT 253 – 06:00**

Refer to JEDI 44-0296 for big picture words



**Particularities of GMT253**

Target 2-5, 7-9, 11-13, 14-16, 18-19, 21-22, 23-24, 25-27, 28-29 and 30-32 can be grouped. Observations 2-4, 7, 13, 15-17, 23-24, 27 and 32-33 have sun facing the observing window, but not in the camera FOV.  
Observations 12, 16 and 27 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 | 253/06:34 | 253/06:38 | Az: -38.2 º El -19.9 º | PORT | 3 |
| 2 | CTs | 253/07:01 | 253/07:05 | Az: 78.0 º El -21.0 º | STBD | 3 |
| 3 | CTs | 253/07:02 | 253/07:06 | Az: 82.1 º El -22.5 º | STBD | 3 |
| 4 | CTs | 253/07:19 | 253/07:23 | Az: 89.8 º El -34.8 º | STBD | 3 |
| 5 | CTs | 253/07:19 | 253/07:24 | Az: -30.0 º El -19.9 º | PORT | 3 |
| 6 | TLEs | 253/08:14 | 253/08:19 | Az: 89.9 º El -28.1 º | STBD | 3 |
| 7 | CTs | 253/08:39 | 253/08:43 | Az: 80.3 º El -23.8 º | STBD | 3 |
| 8 | CTs | 253/08:40 | 253/08:44 | Az: 89.5 º El -30.0 º | STBD | 3 |
| 9 | CTs | 253/08:51 | 253/08:56 | Az: -44.1 º El -19.9 º | PORT | 3 |
| 10 | TLEs | 253/09:46 | 253/09:50 | Az: -55.4 º El -19.9 º | PORT | 3 |
| 11 | CTs | 253/10:12 | 253/10:16 | Az: -9.3 º El -20.0 º | PORT | 3 |
| 12 | CTs | 253/10:16 | 253/10:20 | Az: 152.0 º El -59.5 º | STBD | 3 |
| 13 | TLEs | 253/11:26 | 253/11:29 | Az: 168.5 º El -42.6 º | STBD | 3 |
| 14 | CTs | 253/11:48 | 253/11:52 | Az: -41.8 º El -20.0 º | PORT | 3 |
| 15 | CTs | 253/11:49 | 253/11:53 | Az: -60.7 º El -20.0 º | PORT | 3 |
| 16 | CTs | 253/12:01 | 253/12:05 | Az: 118.8 º El -42.4 º | STBD | 3 |
| 17 | TLEs | 253/13:01 | 253/13:05 | Az: 80.2 º El -20.5 º | STBD | 3 |
| 18 | CTs | 253/13:27 | 253/13:32 | Az: 89.8 º El -26.8 º | STBD | 3 |
| 19 | CTs | 253/13:34 | 253/13:38 | Az: -55.2 º El -19.9 º | PORT | 3 |
| 20 | CTs | 253/15:00 | 253/15:04 | Az: -32.1 º El -19.9 º | PORT | 3 |
| 21 | TLEs | 253/17:32 | 253/17:37 | Az: -16.7 º El -20.1 º | PORT | 3 |
| 22 | TLEs | 253/17:33 | 253/17:37 | Az: -60.8 º El -20.0 º | PORT | 3 |
| 23 | CTs | 253/17:56 | 253/17:59 | Az: 75.9 º El -19.8 º | STBD | 3 |
| 24 | CTs | 253/18:08 | 253/18:13 | Az: 90.1 º El -28.4 º | STBD | 3 |
| 25 | TLEs | 253/18:56 | 253/19:00 | Az: -9.0 º El -20.0 º | PORT | 3 |
| 26 | TLEs | 253/19:07 | 253/19:11 | Az: -10.4 º El -20.1 º | PORT | 3 |
| 27 | TLEs | 253/19:13 | 253/19:18 | Az: 90.5 º El -29.2 º | STBD | 3 |
| 28 | CTs | 253/19:34 | 253/19:39 | Az: 89.3 º El -36.8 º | STBD | 3 |
| 29 | CTs | 253/19:40 | 253/19:45 | Az: -38.3 º El -19.9 º | PORT | 3 |
| 30 | TLEs | 253/20:30 | 253/20:35 | Az: -14.4 º El -20.0 º | PORT | 3 |
| 31 | TLEs | 253/20:36 | 253/20:40 | Az: 77.3 º El -20.2 º | STBD | 3 |
| 32 | CTs | 253/20:48 | 253/20:53 | Az: 90.4 º El -30.8 º | STBD | 3 |
| 33 | CTs | 253/20:50 | 253/20:54 | Az: 80.0 º El -20.6 º | STBD | 3 |
| 34 | CTs | 253/21:06 | 253/21:11 | Az: -36.8 º El -20.0 º | PORT | 3 |

**Particularities of GMT254**

Target 6-7 can be grouped. Observations 1 and 5 have sun facing the observing window, but not in the camera FOV.

Target Summary GMT254

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| TARGET | Type / Config | Start | End | Start Pointing | PIRS Window | Quality |
| 1 | CTs | 254/06:25 | 254/06:29 | Az: 78.5 º El -25.7 º | STBD | 3 |
| 2 | TLEs | 254/07:16 | 254/07:20 | Az: -5.7 º El -20.0 º | PORT | 3 |
| 3 | CTs | 254/07:57 | 254/08:02 | Az: -31.0 º El -19.9 º | PORT | 3 |
| 4 | TLEs | 254/08:56 | 254/09:00 | Az: 75.9 º El -20.0 º | STBD | 3 |
| 5 | CTs | 254/11:07 | 254/11:12 | Az: 82.2 º El -22.6 º | STBD | 3 |
| 6 | CTs | 254/12:33 | 254/12:37 | Az: 81.8 º El -22.5 º | STBD | 3 |
| 7 | CTs | 254/12:39 | 254/12:44 | Az: -25.8 º El -20.0 º | PORT | 3 |
| 8 | CTs | 254/14:05 | 254/14:10 | Az: -18.8 º El -19.9 º | PORT | 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 Costa\_Rica | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/06:34  253/06:38  Target on PORT side, coming from horizon  Start Az: -38.2 º El -19.9 º  End Az: -98.0 º El -22.8 º | T:\src\gpredict-1.3\STORM\Storm_20150910_063406_Caribbean_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 2 | CTs above Libya | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/07:01  253/07:05  Target on STBD side, moving toward horizon  Start Az: 78.0 º El -21.0 º  End Az: 133.4 º El -19.9 º  Sun facing the observing window | T:\src\gpredict-1.3\STORM\Storm_20150910_070034_Libya_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 3 | CTs above Greece | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/07:02  253/07:06  Target on STBD side, moving toward horizon  Start Az: 82.1 º El -22.5 º  End Az: 137.5 º El -20.1 º  Sun facing the observing window | T:\src\gpredict-1.3\STORM\Storm_20150910_070202_Greece_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 4 | CTs above Bay\_of\_Bengal | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/07:19  253/07:23  Target on STBD side, moving toward horizon  Start Az: 89.8 º El -34.8 º  End Az: 161.8 º El -20.0 º  Sun facing the observing window | T:\src\gpredict-1.3\STORM\Storm_20150910_071837_Bay_of_Bengal_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 5 | CTs above Vietnam | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/07:19  253/07:24  Target on PORT side, coming from horizon  Start Az: -30.0 º El -19.9 º  End Az: -101.2 º El -25.4 º | T:\src\gpredict-1.3\STORM\Storm_20150910_071915_Vietnam_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 6 | TLEs above Costa\_Rica | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/08:14  253/08:19  Target on STBD side, moving toward horizon  Start Az: 89.9 º El -28.1 º  End Az: 154.0 º El -19.9 º | T:\src\gpredict-1.3\STORM\Storm_20150910_081414_Caribbean_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 7 | CTs above Libya | 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 -23.8 º  End Az: 142.7 º El -20.2 º  Sun facing the observing window | T:\src\gpredict-1.3\STORM\Storm_20150910_083830_Libya_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 8 | CTs above Greece | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/08:40  253/08:44  Target on STBD side, moving toward horizon  Start Az: 89.5 º El -30.0 º  End Az: 154.3 º El -20.3 º | T:\src\gpredict-1.3\STORM\Storm_20150910_083947_Greece_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 9 | CTs above Bay\_of\_Bengal | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/08:51  253/08:56  Target on PORT side, coming from horizon  Start Az: -44.1 º El -19.9 º  End Az: -103.0 º El -21.4 º | T:\src\gpredict-1.3\STORM\Storm_20150910_085107_Bay_of_Bengal_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 10 | TLEs above California | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/09:46  253/09:50  Target on PORT side, coming from horizon  Start Az: -55.4 º El -19.9 º  End Az: -103.3 º El -20.3 º | T:\src\gpredict-1.3\STORM\Storm_20150910_094548_California_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 11 | CTs above Libya | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/10:16  253/10:20  Target on STBD side, moving toward horizon  Start Az: 152.0 º El -59.5 º  End Az: 176.4 º El -20.5 º | T:\src\gpredict-1.3\STORM\Storm_20150910_101622_Libya_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 12 | TLEs above California | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/11:26  253/11:29  Target on STBD side, moving toward horizon  Start Az: 168.5 º El -42.6 º  End Az: 176.9 º El -20.3 º  ISS in daytime. | T:\src\gpredict-1.3\STORM\Storm_20150910_112549_California_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 13 | CTs above Libya | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/11:48  253/11:52  Target on PORT side, coming from horizon  Start Az: -41.8 º El -20.0 º  End Az: -96.7 º El -22.0 º  Sun facing the observing window | T:\src\gpredict-1.3\STORM\Storm_20150910_114803_Libya_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 14 | CTs above Greece | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/11:49  253/11:53  Target on PORT side, coming from horizon  Start Az: -60.7 º El -20.0 º  End Az: -103.6 º El -20.1 º | T:\src\gpredict-1.3\STORM\Storm_20150910_083947_Greece_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 15 | CTs above Central\_Africa | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/12:01  253/12:05  Target on STBD side, moving toward horizon  Start Az: 118.8 º El -42.4 º  End Az: 168.4 º El -20.0 º  Sun facing the observing window | T:\src\gpredict-1.3\STORM\Storm_20150910_120050_Central_Africa_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 16 | TLEs above California | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/13:01  253/13:05  Target on STBD side, moving toward horizon  Start Az: 80.2 º El -20.5 º  End Az: 128.1 º El -19.8 º  ISS in daytime, Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150910_130051_California_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 17 | CTs above Senegal | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/13:27  253/13:32  Target on STBD side, moving toward horizon  Start Az: 89.8 º El -26.8 º  End Az: 152.3 º El -20.0 º  Sun facing observing window | T:\src\gpredict-1.3\STORM\Storm_20150910_132728_Senegal_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 18 | CTs above Central\_Africa | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/13:34  253/13:38  Target on PORT side, coming from horizon  Start Az: -55.2 º El -19.9 º  End Az: -103.3 º El -20.3 º | T:\src\gpredict-1.3\STORM\Storm_20150910_133331_Central_Africa_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 19 | CTs above Senegal | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/15:00  253/15:04  Target on PORT side, coming from horizon  Start Az: -32.1 º El -19.9 º  End Az: -100.1 º El -24.5 º | T:\src\gpredict-1.3\STORM\Storm_20150910_145931_Senegal_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 20 | TLEs above Western\_Pacific | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/17:32  253/17:37  Target on PORT side, coming from horizon  Start Az: -16.7 º El -20.1 º  End Az: -90.7 º El -37.6 º | T:\src\gpredict-1.3\STORM\Storm_20150910_173212_Western_Pacific_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 22 | TLEs above Japan | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/17:33  253/17:37  Target on PORT side, coming from horizon  Start Az: -60.8 º El -20.0 º  End Az: -101.1 º El -20.2 º | T:\src\gpredict-1.3\STORM\Storm_20150910_173319_Japan_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 23 | CTs above California | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/17:56  253/17:59  Target on STBD side, moving toward horizon  Start Az: 75.9 º El -19.8 º  End Az: 114.0 º El -19.8 º  Sun facing observing window | T:\src\gpredict-1.3\STORM\Storm_20150910_175551_California_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 24 | CTs above Costa\_Rica | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/18:08  253/18:13  Target on STBD side, moving toward horizon  Start Az: 90.1 º El -28.4 º  End Az: 154.9 º El -20.0 º  Sun facing observing window | T:\src\gpredict-1.3\STORM\Storm_20150910_180811_Caribbean_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 25 | TLEs above Vietnam | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/18:56  253/19:00  Target on PORT side, coming from horizon  Start Az: -9.0 º El -20.0 º  End Az: -53.6 º El -48.1 º | T:\src\gpredict-1.3\STORM\Storm_20150910_185550_Vietnam_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 26 | TLEs above Japan | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/19:07  253/19:11  Target on PORT side, coming from horizon  Start Az: -10.4 º El -20.1 º  End Az: -58.9 º El -45.9 º | T:\src\gpredict-1.3\STORM\Storm_20150910_190652_Japan_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 27 | TLEs above Western\_Pacific | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/19:13  253/19:18  Target on STBD side, moving toward horizon  Start Az: 90.5 º El -29.2 º  End Az: 155.7 º El -20.0 º  ISS in daytime, Sun facing the observing window. | T:\src\gpredict-1.3\STORM\Storm_20150910_191315_Western_Pacific_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 28 | CTs above California | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/19:34  253/19:39  Target on STBD side, moving toward horizon  Start Az: 89.3 º El -36.8 º  End Az: 163.2 º El -20.1 º | T:\src\gpredict-1.3\STORM\Storm_20150910_193417_California_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 29 | CTs above Costa\_Rica | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/19:40  253/19:45  Target on PORT side, coming from horizon  Start Az: -38.3 º El -19.9 º  End Az: -98.3 º El -22.6 º | T:\src\gpredict-1.3\STORM\Storm_20150910_194026_Caribbean_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 30 | TLEs above Bay\_of\_Bengal | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/20:30  253/20:35  Target on PORT side, coming from horizon  Start Az: -14.4 º El -20.0 º  End Az: -90.1 º El -41.3 º | T:\src\gpredict-1.3\STORM\Storm_20150910_203008_Bay_of_Bengal_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 31 | TLEs above Vietnam | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Nightime  253/20:36  253/20:40  Target on STBD side, moving toward horizon  Start Az: 77.3 º El -20.2 º  End Az: 123.8 º El -19.8 º | T:\src\gpredict-1.3\STORM\Storm_20150910_203558_Vietnam_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 32 | CTs above Japan | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/20:48  253/20:53  Target on STBD side, moving toward horizon  Start Az: 90.4 º El -30.8 º  End Az: 157.6 º El -20.0 º  Sun facing observing window. | T:\src\gpredict-1.3\STORM\Storm_20150910_204807_Japan_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 33 | CTs above Western\_Pacific | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/20:50  253/20:54  Target on STBD side, moving toward horizon  Start Az: 80.0 º El -20.6 º  End Az: 128.4 º El -19.9 º  Sun facing observing window | T:\src\gpredict-1.3\STORM\Storm_20150910_204955_Western_Pacific_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 34 | CTs above California | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/10 Daytime  253/21:06  253/21:11  Target on PORT side, coming from horizon  Start Az: -36.8 º El -20.0 º  End Az: -98.2 º El -23.1 º | T:\src\gpredict-1.3\STORM\Storm_20150910_210626_California_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 1 | CTs above Bay\_of\_Bengal | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/11 Daytime  254/06:25  254/06:29  Target on STBD side, moving toward horizon  Start Az: 78.5 º El -25.7 º  End Az: 147.9 º El -20.2 º  Sun facing observing window | T:\src\gpredict-1.3\STORM\Storm_20150911_062457_Bay_of_Bengal_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 2 | TLEs above Costa\_Rica | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/11 Nightime  254/07:16  254/07:20  Target on PORT side, coming from horizon  Start Az: -5.7 º El -20.0 º  End Az: -39.9 º El -54.7 º | T:\src\gpredict-1.3\STORM\Storm_20150911_071605_Caribbean_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 3 | CTs above Bay\_of\_Bengal | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/11 Daytime  254/07:57  254/08:02  Target on PORT side, coming from horizon  Start Az: -31.0 º El -19.9 º  End Az: -100.6 º El -25.0 º | T:\src\gpredict-1.3\STORM\Storm_20150911_075726_Bay_of_Bengal_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 4 | TLEs above Costa\_Rica | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/11 Nightime  254/08:56  254/09:00  Target on STBD side, moving toward horizon  Start Az: 75.9 º El -20.0 º  End Az: 116.4 º El -19.8 º | T:\src\gpredict-1.3\STORM\Storm_20150911_085606_Caribbean_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 5 | CTs above Central\_Africa | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/11 Daytime  254/11:07  254/11:12  Target on STBD side, moving toward horizon  Start Az: 82.2 º El -22.6 º  End Az: 141.8 º El -20.0 º  Sun facing observing window | T:\src\gpredict-1.3\STORM\Storm_20150911_110710_Central_Africa_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 6 | CTs above Senegal | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/11 Daytime  254/12:33  254/12:37  Target on STBD side, moving toward horizon  Start Az: 81.8 º El -22.5 º  End Az: 138.1 º El -20.1 º | T:\src\gpredict-1.3\STORM\Storm_20150911_123312_Senegal_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 7 | CTs above Central\_Africa | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/11 Daytime  254/12:39  254/12:44  Target on PORT side, coming from horizon  Start Az: -25.8 º El -20.0 º  End Az: -90.5 º El -28.0 º | T:\src\gpredict-1.3\STORM\Storm_20150911_123924_Central_Africa_3.jpg |

|  |  |  |
| --- | --- | --- |
| Target 8 | CTs above Senegal | Quality \*\*\* |
| Day  Start Time  End Time  ISS Site  Pointing | 2015/09/11 Daytime  254/14:05  254/14:10  Target on PORT side, coming from horizon  Start Az: -18.8 º El -19.9 º  End Az: -89.8 º El -34.0 º | T:\src\gpredict-1.3\STORM\Storm_20150911_140527_Senegal_3.jpg |