

Crew-11 Rendevous Summary Timeline

| Event                                       | GMT<br>(DDD/HH:MM:SS)                        | MET<br>(D/HH:MM:SS) | Dock<br>(D/HH:MM:SS) | PET<br>(D/HH:MM:SS) | Houston (CST)<br>(Day(MM/DD) HH:MM:SS) | Eastern (EST)<br>(DDD/HH:MM:SS) | Pacific (PST)<br>(DDD/HH:MM:SS) |
|---------------------------------------------|----------------------------------------------|---------------------|----------------------|---------------------|----------------------------------------|---------------------------------|---------------------------------|
| Dragon IMU align and Configure for launch   | 213/10:48:42                                 | -0/04:55:00         | -0/20:11:18          | -0/18:35:18         | Fri(08/01) 05:48:42                    | 213/06:48:42                    | 213/03:48:42                    |
| CE Go/No-Go for Dragon prop press           | 213/10:53:42                                 | -0/04:50:00         | -0/20:06:18          | -0/18:30:18         | Fri(08/01) 05:53:42                    | 213/06:53:42                    | 213/03:53:42                    |
| Dragon prop pressurization                  | 213/11:13:42                                 | -0/04:30:00         | -0/19:46:18          | -0/18:10:18         | Fri(08/01) 06:13:42                    | 213/07:13:42                    | 213/04:13:42                    |
| Launch Escape health checks                 | 213/11:18:42                                 | -0/04:25:00         | -0/19:41:18          | -0/18:05:18         | Fri(08/01) 06:18:42                    | 213/07:18:42                    | 213/04:18:42                    |
| Go to Enter BDA                             | 213/11:43:42                                 | -0/04:00:00         | -0/19:16:18          | -0/17:40:18         | Fri(08/01) 06:43:42                    | 213/07:43:42                    | 213/04:43:42                    |
| ISS state upload to Dragon                  | 213/11:53:42                                 | -0/03:50:00         | -0/19:06:18          | -0/17:30:18         | Fri(08/01) 06:53:42                    | 213/07:53:42                    | 213/04:53:42                    |
| Dragon hatch open, LiOH changeout           | 213/12:13:42                                 | -0/03:30:00         | -0/18:46:18          | -0/17:10:18         | Fri(08/01) 07:13:42                    | 213/08:13:42                    | 213/05:13:42                    |
| Crew ingress                                | 213/13:08:42                                 | -0/02:35:00         | -0/17:51:18          | -0/16:15:18         | Fri(08/01) 08:08:42                    | 213/09:08:42                    | 213/06:08:42                    |
| Dragon hatch closure                        | 213/13:48:42                                 | -0/01:55:00         | -0/17:11:18          | -0/15:35:18         | Fri(08/01) 08:48:42                    | 213/09:48:42                    | 213/06:48:42                    |
| Crew Access Arm retract                     | 213/15:01:42                                 | -0/00:42:00         | -0/15:58:18          | -0/14:22:18         | Fri(08/01) 10:01:42                    | 213/11:01:42                    | 213/08:01:42                    |
| Dragon Launch Escape armed                  | 213/15:05:42                                 | -0/00:38:00         | -0/15:54:18          | -0/14:18:18         | Fri(08/01) 10:05:42                    | 213/11:05:42                    | 213/08:05:42                    |
| F9 Prop load start                          | 213/15:08:42                                 | -0/00:35:00         | -0/15:51:18          | -0/14:15:18         | Fri(08/01) 10:08:42                    | 213/11:08:42                    | 213/08:08:42                    |
| S1 Engine Chill start                       | 213/15:36:42                                 | -0/00:07:00         | -0/15:23:18          | -0/13:47:18         | Fri(08/01) 10:36:42                    | 213/11:36:42                    | 213/08:36:42                    |
| Strongback Retract start                    | 213/15:39:12                                 | -0/00:04:30         | -0/15:20:48          | -0/13:44:48         | Fri(08/01) 10:39:12                    | 213/11:39:12                    | 213/08:39:12                    |
| S2 TVC checks                               | 213/15:40:47                                 | -0/00:02:55         | -0/15:19:13          | -0/13:43:13         | Fri(08/01) 10:40:47                    | 213/11:40:47                    | 213/08:40:47                    |
| F9 Prop Load Complete; F9 to internal power | 213/15:41:42                                 | -0/00:02:00         | -0/15:18:18          | -0/13:42:18         | Fri(08/01) 10:41:42                    | 213/11:41:42                    | 213/08:41:42                    |
| Dragon mode->countdown                      | 213/15:42:42                                 | -0/00:01:00         | -0/15:17:18          | -0/13:41:18         | Fri(08/01) 10:42:42                    | 213/11:42:42                    | 213/08:42:42                    |
| LD Final Go for launch                      | 213/15:42:57                                 | -0/00:00:45         | -0/15:17:03          | -0/13:41:03         | Fri(08/01) 10:42:57                    | 213/11:42:57                    | 213/08:42:57                    |
| Liftoff                                     | 213/15:43:42                                 | +0/00:00:00         | -0/15:16:18          | -0/13:40:18         | Fri(08/01) 10:43:42                    | 213/11:43:42                    | 213/08:43:42                    |
| stage_1a                                    | 213/15:43:42                                 | +0/00:00:00         | -0/15:16:18          | -0/13:40:18         | Fri(08/01) 10:43:42                    | 213/11:43:42                    | 213/08:43:42                    |
| stage_1b                                    | 213/15:44:59                                 | +0/00:01:17         | -0/15:15:01          | -0/13:39:01         | Fri(08/01) 10:44:59                    | 213/11:44:59                    | 213/08:44:59                    |
| stage_2a                                    | 213/15:46:06                                 | +0/00:02:24         | -0/15:13:54          | -0/13:37:54         | Fri(08/01) 10:46:06                    | 213/11:46:06                    | 213/08:46:06                    |
| stage_2b                                    | 213/15:51:50                                 | +0/00:08:08         | -0/15:08:10          | -0/13:32:10         | Fri(08/01) 10:51:50                    | 213/11:51:50                    | 213/08:51:50                    |
| stage_2c                                    | 213/15:52:11                                 | +0/00:08:29         | -0/15:07:49          | -0/13:31:49         | Fri(08/01) 10:52:11                    | 213/11:52:11                    | 213/08:52:11                    |
| stage_2d                                    | 213/15:52:20                                 | +0/00:08:38         | -0/15:07:40          | -0/13:31:40         | Fri(08/01) 10:52:20                    | 213/11:52:20                    | 213/08:52:20                    |
| stage_2e                                    | 213/15:52:27                                 | +0/00:08:45         | -0/15:07:33          | -0/13:31:33         | Fri(08/01) 10:52:27                    | 213/11:52:27                    | 213/08:52:27                    |
| SECO                                        | 213/15:52:30                                 | +0/00:08:48         | -0/15:07:30          | -0/13:31:30         | Fri(08/01) 10:52:30                    | 213/11:52:30                    | 213/08:52:30                    |
| Separation and SS Draco Checkouts           | 213/15:53:18                                 | +0/00:09:36         | -0/15:06:42          | -0/13:30:42         | Fri(08/01) 10:53:18                    | 213/11:53:18                    | 213/08:53:18                    |
| Nosecone Deploy                             | 213/15:54:06                                 | +0/00:10:24         | -0/15:05:54          | -0/13:29:54         | Fri(08/01) 10:54:06                    | 213/11:54:06                    | 213/08:54:06                    |
| Maneuver to FBH Draco Checkout Attitude     | 213/15:54:11                                 | +0/00:10:29         | -0/15:05:49          | -0/13:29:49         | Fri(08/01) 10:54:11                    | 213/11:54:11                    | 213/08:54:11                    |
| FBH Draco Checkouts                         | 213/16:00:11                                 | +0/00:16:29         | -0/14:59:49          | -0/13:23:49         | Fri(08/01) 11:00:11                    | 213/12:00:11                    | 213/09:00:11                    |
| Maneuver to Burn Attitude                   | 213/16:23:00                                 | +0/00:39:18         | -0/14:37:00          | -0/13:01:00         | Fri(08/01) 11:23:00                    | 213/12:23:00                    | 213/09:23:00                    |
| Phase Burn [357 s / 32.8 m/s]               | 213/16:30:00                                 | +0/00:46:18         | -0/14:30:00          | -0/12:54:00         | Fri(08/01) 11:30:00                    | 213/12:30:00                    | 213/09:30:00                    |
| Maneuver to Burn Attitude                   | 213/19:22:39                                 | +0/03:38:57         | -0/11:37:21          | -0/10:01:21         | Fri(08/01) 14:22:39                    | 213/15:22:39                    | 213/12:22:39                    |
| Boost Burn [315 s / 29.3 m/s]               | 213/19:29:39                                 | +0/03:45:57         | -0/11:30:21          | -0/09:54:21         | Fri(08/01) 14:29:39                    | 213/15:29:39                    | 213/12:29:39                    |
| Maneuver to Burn Attitude                   | 213/20:06:33                                 | +0/04:22:51         | -0/10:53:27          | -0/09:17:27         | Fri(08/01) 15:06:33                    | 213/16:06:33                    | 213/13:06:33                    |
| Close Burn [598 s / 56.2 m/s]               | 213/20:13:33                                 | +0/04:29:51         | -0/10:46:27          | -0/09:10:27         | Fri(08/01) 15:13:33                    | 213/16:13:33                    | 213/13:13:33                    |
| Maneuver to Burn Attitude                   | 213/21:35:03                                 | +0/05:51:21         | -0/09:24:57          | -0/07:48:57         | Fri(08/01) 16:35:03                    | 213/17:35:03                    | 213/14:35:03                    |
| Mid OOP Burn [15 s / 1.04 m/s]              | 213/21:42:03                                 | +0/05:58:21         | -0/09:17:57          | -0/07:41:57         | Fri(08/01) 16:42:03                    | 213/17:42:03                    | 213/14:42:03                    |
| Maneuver to Burn Attitude                   | 214/01:14:41                                 | +0/09:30:59         | -0/05:45:19          | -0/04:09:19         | Fri(08/01) 20:14:41                    | 213/21:14:41                    | 213/18:14:41                    |
| Transfer Burn [43 s / 2.87 m/s]             | 214/01:21:41                                 | +0/09:37:59         | -0/05:38:19          | -0/04:02:19         | Fri(08/01) 20:21:41                    | 213/21:21:41                    | 213/18:21:41                    |
| Maneuver to Burn Attitude                   | 214/02:01:06                                 | +0/10:17:24         | -0/04:58:54          | -0/03:22:54         | Fri(08/01) 21:01:06                    | 213/22:01:06                    | 213/19:01:06                    |
| Coelliptic Burn [38 s / 2.54 m/s]           | 214/02:08:06                                 | +0/10:24:24         | -0/04:51:54          | -0/03:15:54         | Fri(08/01) 21:08:06                    | 213/22:08:06                    | 213/19:08:06                    |
| Manuver to ISS pointing + power             | 214/03:47:06                                 | +0/12:03:24         | -0/03:12:54          | -0/01:36:54         | Fri(08/01) 22:47:06                    | 213/23:47:06                    | 213/20:47:06                    |
| 30km (rendezvous complete)                  | 214/03:54:00                                 | +0/12:10:18         | -0/03:06:00          | -0/01:30:00         | Fri(08/01) 22:54:00                    | 213/23:54:00                    | 213/20:54:00                    |
| 15km                                        | 214/04:45:00                                 | +0/13:01:18         | -0/02:15:00          | -0/00:39:00         | Fri(08/01) 23:45:00                    | 214/00:45:00                    | 213/21:45:00                    |
| Go/No-Go for AI burn                        | 214/04:59:00                                 | +0/13:15:18         | -0/02:01:00          | -0/00:25:00         | Fri(08/01) 23:59:00                    | 214/00:59:00                    | 213/21:59:00                    |
| 10km (144k bi-directional comm reqmnt)      | 214/05:02:00                                 | +0/13:18:18         | -0/01:58:00          | -0/00:22:00         | Sat(08/02) 00:02:00                    | 214/01:02:00                    | 213/22:02:00                    |
| Sunrise                                     | 214/05:08:53                                 | +0/13:25:11         | -0/01:51:07          | -0/00:15:07         | Sat(08/02) 00:08:53                    | 214/01:08:53                    | 213/22:08:53                    |
|                                             | Maneuver to ISS pointing + roll lock         | 214/05:17:07        | +0/13:33:25          | -0/01:42:53         | Sat(08/02) 00:17:07                    | 214/01:17:07                    | 213/22:17:07                    |
| AI-burn (7.5km) (90 s, 3.05 m/s)            | 214/05:24:00                                 | +0/13:40:18         | -0/01:36:00          | +0/00:00:00         | Sat(08/02) 00:24:00                    | 214/01:24:00                    | 213/22:24:00                    |
| 6km                                         | 214/05:30:00                                 | +0/13:46:18         | -0/01:30:00          | +0/00:06:00         | Sat(08/02) 00:30:00                    | 214/01:30:00                    | 213/22:30:00                    |
| AI-Midcourse Burn                           | 214/05:49:00                                 | +0/14:05:18         | -0/01:11:00          | +0/00:25:00         | Sat(08/02) 00:49:00                    | 214/01:49:00                    | 213/22:49:00                    |
| 1km                                         | 214/05:56:30                                 | +0/14:12:48         | -0/01:03:30          | +0/00:32:30         | Sat(08/02) 00:56:30                    | 214/01:56:30                    | 213/22:56:30                    |
| Go/No-Go to Approach Waypoint 1             | 214/05:59:00                                 | +0/14:15:18         | -0/01:01:00          | +0/00:35:00         | Sat(08/02) 00:59:00                    | 214/01:59:00                    | 213/22:59:00                    |
| Sunset                                      | 214/06:07:02                                 | +0/14:23:20         | -0/00:52:58          | +0/00:43:02         | Sat(08/02) 01:07:02                    | 214/02:07:02                    | 213/23:07:02                    |
|                                             | Waypoint Zero (400m below)                   | 214/06:09:00        | +0/14:25:18          | -0/00:51:00         | Sat(08/02) 01:09:00                    | 214/02:09:00                    | 213/23:09:00                    |
|                                             | Go/No-Go to Approach Waypoint 2              | 214/06:33:00        | +0/14:49:18          | -0/00:27:00         | Sat(08/02) 01:33:00                    | 214/02:33:00                    | 213/23:33:00                    |
| Sunrise                                     | 214/06:41:48                                 | +0/14:58:06         | -0/00:18:12          | +0/01:17:48         | Sat(08/02) 01:41:48                    | 214/02:41:48                    | 213/23:41:48                    |
|                                             | Docking Axis Arrival (WP1 Range Approx 220m) | 214/06:43:00        | +0/14:59:18          | -0/00:17:00         | Sat(08/02) 01:43:00                    | 214/02:43:00                    | 213/23:43:00                    |
| Go/No-Go for Docking                        | 214/06:53:00                                 | +0/15:09:18         | -0/00:07:00          | +0/01:29:00         | Sat(08/02) 01:53:00                    | 214/02:53:00                    | 213/23:53:00                    |
| Waypoint 2 Arrive (20m)                     | 214/06:54:00                                 | +0/15:10:18         | -0/00:06:00          | +0/01:30:00         | Sat(08/02) 01:54:00                    | 214/02:54:00                    | 213/23:54:00                    |
| Waypoint 2 Depart (20m)                     | 214/06:55:00                                 | +0/15:11:18         | -0/00:05:00          | +0/01:31:00         | Sat(08/02) 01:55:00                    | 214/02:55:00                    | 213/23:55:00                    |
| Range = 10m                                 | 214/06:57:54                                 | +0/15:14:12         | -0/00:02:06          | +0/01:33:54         | Sat(08/02) 01:57:54                    | 214/02:57:54                    | 213/23:57:54                    |
| Range = 5m                                  | 214/06:58:57                                 | +0/15:15:15         | -0/00:01:03          | +0/01:34:57         | Sat(08/02) 01:58:57                    | 214/02:58:57                    | 213/23:58:57                    |
| Crew Hands Off Point (CHOP)                 | 214/06:59:35                                 | +0/15:15:53         | -0/00:00:25          | +0/01:35:35         | Sat(08/02) 01:59:35                    | 214/02:59:35                    | 213/23:59:35                    |
| Contact/Capture                             | 214/07:00:00                                 | +0/15:16:18         | +0/00:00:00          | +0/01:36:00         | Sat(08/02) 02:00:00                    | 214/03:00:00                    | 214/00:00:00                    |
| Docking Complete                            | 214/07:13:00                                 | +0/15:29:18         | +0/00:13:00          | +0/01:49:00         | Sat(08/02) 02:13:00                    | 214/03:13:00                    | 214/00:13:00                    |