# **Case Study Group 1: Yard Driver movements at BP Lubricants**

The senior design team was charged with reducing or eliminating drivers that move materials and products around BP facilities. One focus was on yard drivers, which simply shuttle materials around the main BP facility in Port Allen, LA. There are day and night crews that switch at 700 (military times are used here). Students collected data on yard drivers at BP Lubricants for the pick-up time and location, whether the trailer was full or empty, and the drop time and location. Explore this dataset (focus only on complete observations): Does time spent differ by day/night crew? By whether the trailer is initially full or empty? By pick up or drop off location? (Source: Hayden, Mather, and Wendt, Senior Design Spring 2017)

| **Date** | **Pick-Up Time** | **Pick-Up Location** | **Full/Empty** | **Drop Time** | **Drop Location** | **Time Spent** |
| --- | --- | --- | --- | --- | --- | --- |
| 17-Sep | 8:25 | 1 | Full | 8:45 | DY | 0:20 |
| 31-Oct |  | 1 | Full |  | DY |  |
| 1-Nov |  | 1 | Full |  | 1 |  |
| 16-Sep | 14:25 | 1 |  | 14:45 | 13 |  |
| 16-Sep | 8:30 | 1 |  | 8:44 | 8 |  |
| 18-Sep | 10:00 | 1 | Empty | 10:40 | DY | 0:40 |
| 18-Sep | 13:55 | 1 | Full | 14:15 | F | 0:20 |
| 29-Oct | 9:45 | 1 | Full | 10:30 | DY | 0:45 |
|  | 11:15 | 1 | Full | 11:22 | DY | 0:07 |
| 30-Sep | 12:55 | 1 |  | 13:05 | DY |  |
| 17-Sep | 18:20 | DY | Full | 18:27 | DY | 0:07 |
| 3-Oct |  | 1 |  |  | 4 |  |
| 17-Sep | 18:35 | DY | Full | 18:40 | F | 0:05 |
| 21-Sep | 10:20 | 2 | Empty | 10:25 | DY | 0:05 |
| 6-Oct | 14:15 | 2 | Empty | 14:40 | DY | 0:25 |
| 15-Sep | 10:15 | 2 |  | 10:30 | DY |  |
| 15-Sep | 13:18 | 2 |  | 13:35 | EXP |  |
| 18-Sep | 10:00 | 2 | Empty | 10:05 | 12 | 0:05 |
| 29-Oct | 8:00 | 2 | Full | 8:55 | DY | 0:55 |
| 31-Oct |  | 2 | Full |  | DY |  |
| 30-Sep | 10:30 | 2 |  | 11:05 | DY |  |
| 3-Oct |  | 2 |  |  | DY |  |
| 6-Oct | 15:40 | 3 | Full | 15:55 | DY | 0:15 |
| 18-Sep | 11:00 | 3 | Full | 11:15 | 13 | 0:15 |
| 29-Oct | 8:00 | 3 | Full | 8:30 | DY | 0:30 |
| 17-Sep | 17:30 | 10 | Empty | 17:40 | DY | 0:10 |
| 17-Sep | 17:30 | DY | Full | 17:50 | 10 | 0:20 |
| 21-Sep | 5:18 | 1 | Full | 5:28 | DY | 0:10 |
| 21-Sep | 21:42 | 2 | Empty | 22:05 | F | 0:23 |
| 29-Oct | 15:35 | 3 | Full | 16:00 | DY | 0:25 |
| 21-Sep | 3:00 | 13 | Full | 3:10 | DY | 0:10 |
| 21-Sep | 5:00 | DY | Empty | 5:10 | 3 | 0:10 |
| 21-Sep | 1:35 | DY | Empty | 1:45 | 3 | 0:10 |
| 21-Sep | 3:50 | DY | Full | 4:00 | 9 | 0:10 |
| 30-Sep | 6:45 | 3 |  | 7:20 | DY |  |
| 21-Sep | 4:16 | DY | Full | 4:26 | 30 | 0:10 |
| 21-Sep | 23:47 | DY | Empty | 0:00 | F | 0:13 |
| 21-Sep | 23:31 | DY | Empty | 23:43 | F | 0:12 |
| 21-Sep | 5:59 | DY | Full | 6:05 | F | 0:06 |
| 21-Sep | 3:50 | DY | Full | 4:00 | F | 0:10 |
| 21-Sep | 3:36 | DY | Empty | 3:44 | F | 0:08 |
| 21-Sep | 1:30 | DY | Full | 1:39 | F | 0:09 |
| 21-Sep | 22:15 | F | Full | 22:22 | DY | 0:07 |
| 21-Sep | 21:54 | F | Full | 22:10 | DY | 0:16 |
| 21-Sep | 21:18 | F | Full | 21:25 | DY | 0:07 |
| 21-Sep | 20:07 | F | Full | 20:15 | DY | 0:08 |
| 21-Sep | 19:40 | F | Full | 19:50 | DY | 0:10 |
| 21-Sep | 18:48 | F | Full | 18:55 | DY | 0:07 |
| 21-Sep | 5:35 | F | Empty | 5:40 | DY | 0:05 |
| 21-Sep | 3:21 | F | Full | 3:35 | DY | 0:14 |
| 21-Sep | 3:00 | F | Full | 3:10 | DY | 0:10 |
| 21-Sep | 1:30 | F | Empty | 2:00 | DY | 0:30 |
| 21-Sep | 22:18 | F | Empty | 22:28 | F | 0:10 |
| 21-Sep | 4:07 | F | Empty | 4:10 | F | 0:03 |
| 22-Sep | 3:00 | 6 | Full | 3:10 | 4 | 0:10 |
| 22-Sep | 23:15 | 6 | Full | 23:25 | DY | 0:10 |
| 22-Sep | 22:32 | 8 | Full | 22:40 | DY | 0:08 |
| 22-Sep | 23:42 | 10 | Full | 23:52 | DY | 0:10 |
| 22-Sep | 21:35 | 14 | Full | 21:45 | DY | 0:10 |
| 22-Sep | 23:30 | DY | Empty | 23:40 | 8 | 0:10 |
| 22-Sep | 19:35 | DY | Empty | 19:40 | 8 | 0:05 |
| 22-Sep | 19:50 | DY | Full | 20:00 | 9 | 0:10 |
| 22-Sep | 21:20 | DY | Empty | 21:31 | 14 | 0:11 |
| 22-Sep | 22:15 | DY | Empty | 22:18 | F | 0:03 |
| 22-Sep | 20:00 | DY | Empty | 20:08 | F | 0:08 |
| 22-Sep | 0:21 | DY | Full | 0:26 | F | 0:05 |
| 22-Sep | 2:30 | F | Empty | 2:40 | 8 | 0:10 |
| 22-Sep | 23:40 | F | Full | 23:50 | DY | 0:10 |
| 22-Sep | 20:55 | F | Full | 21:10 | DY | 0:15 |
| 22-Sep | 2:23 | F | Full | 2:33 | DY | 0:10 |
| 22-Sep | 22:10 | F | Empty | 22:15 | F | 0:05 |
| 22-Sep | 20:22 | NEW | Empty | 20:45 | 13 | 0:23 |
| 24-Sep | 23:20 | DY | Empty | 23:26 | F | 0:06 |
| 24-Sep | 22:50 | DY | Full | 23:04 | F | 0:14 |
| 24-Sep | 4:50 | DY | Full | 4:55 | F | 0:05 |
| 24-Sep | 3:40 | DY | Empty | 3:45 | F | 0:05 |
| 24-Sep | 23:30 | F | Full | 23:37 | DY | 0:07 |
| 24-Sep | 5:41 | F | Empty | 5:46 | DY | 0:05 |
| 24-Sep | 1:05 | F | Full | 1:10 | DY | 0:05 |
| 25-Sep | 1:35 | DY | Empty | 1:48 | DY | 0:13 |
| 25-Sep | 22:00 | DY | Empty | 22:19 | F | 0:19 |
| 25-Sep | 21:30 | DY | Empty | 21:42 | F | 0:12 |
| 25-Sep | 19:48 | DY | Full | 19:50 | F | 0:02 |
| 25-Sep | 4:29 | DY | Empty | 4:35 | F | 0:06 |
| 25-Sep | 2:02 | DY | Empty | 2:18 | F | 0:16 |
| 25-Sep | 5:34 | F | Full | 5:44 | DY | 0:10 |
| 25-Sep | 5:08 | F | Empty | 5:15 | DY | 0:07 |
| 25-Sep | 4:20 | F | Full | 4:28 | DY | 0:08 |
| 25-Sep | 20:10 | F | Empty | 20:18 | F | 0:08 |
| 25-Sep | 19:53 | F | Empty | 20:00 | F | 0:07 |
| 25-Sep | 19:40 | F | Full | 19:43 | F | 0:03 |
| 26-Sep | 19:10 | B | Empty | 19:20 | F | 0:10 |
| 26-Sep | 21:20 | DY | Empty | 21:30 | D14 | 0:10 |
| 26-Sep | 19:50 | DY | Full | 20:00 | D14 | 0:10 |
| 26-Sep | 21:20 | DY | Empty | 21:33 | DY | 0:13 |
| 26-Sep | 22:41 | DY | Empty | 22:50 | F | 0:09 |
| 26-Sep | 21:50 | DY | Full | 21:57 | F | 0:07 |
| 26-Sep | 22:53 | F | Full | 23:10 | DY | 0:17 |
| 26-Sep | 22:23 | F | Full | 22:30 | DY | 0:07 |
| 26-Sep | 1:25 | F | Empty | 1:36 | DY | 0:11 |
| 26-Sep | 22:21 | F | Empty | 22:25 | F | 0:04 |
| 26-Sep | 22:05 | F | Full | 22:12 | F | 0:07 |
| 26-Sep | 18:50 | F | Full | 19:00 | F | 0:10 |
| 26-Sep | 18:20 | F | Full | 18:30 | F | 0:10 |
| 27-Sep | 4:25 | D10 | Empty | 4:36 | Y | 0:11 |
| 27-Sep | 20:25 | D11 | Empty | 20:54 | Y | 0:29 |
| 27-Sep | 5:25 | D12 | Empty | 5:36 | Y | 0:11 |
| 27-Sep | 20:05 | D5 | Empty | 20:20 | Y | 0:15 |
| 27-Sep | 23:12 | D7 | Full | 23:29 | Y | 0:17 |
| 27-Sep | 22:22 | D9 | Full | 22:33 | Y | 0:11 |
| 27-Sep | 1:29 | EXPO | Empty | 1:46 | D6 | 0:17 |
| 27-Sep | 4:00 | EXPO | Full | 4:16 | Y | 0:16 |
| 27-Sep | 22:41 | F | Full | 22:47 | D9 | 0:06 |
| 27-Sep | 23:35 | F | Full | 23:42 | Y | 0:07 |
| 27-Sep | 2:11 | F | Empty | 2:20 | Y | 0:09 |
| 27-Sep | 1:58 | F | Full | 2:06 | Y | 0:08 |
| 27-Sep | 3:43 | Y | Full | 3:52 | D15 | 0:09 |
| 27-Sep | 3:22 | Y | Full | 3:32 | D20 | 0:10 |
| 27-Sep | 21:35 | Y | Empty | 21:42 | D3 | 0:07 |
| 27-Sep | 22:11 | Y | Empty | 22:19 | F | 0:08 |
| 27-Sep | 21:42 | Y | Empty | 21:52 | F | 0:10 |
| 27-Sep | 4:41 | y | Empty | 4:52 | F | 0:11 |
| 27-Sep | 2:29 | Y | Full | 2:40 | F | 0:11 |
| 27-Sep | 3:04 | Y | Empty | 3:15 | Y | 0:11 |
| 28-Sep | 2:30 | 15 | Full | 3:00 | DY | 0:30 |
| 28-Sep | 21:52 | DY | Empty | 22:10 | DY2 | 0:18 |
| 28-Sep | 2:05 | DY | Empty | 2:13 | F | 0:08 |
| 28-Sep | 1:46 | DY | Empty | 2:00 | F | 0:14 |
| 28-Sep | 22:38 | DY2 | Empty | 23:00 | DY2 | 0:22 |
| 28-Sep | 21:00 | DY2 | Empty | 21:12 | EY | 0:12 |
| 28-Sep | 18:23 | F | Full | 18:33 | DY | 0:10 |
| 28-Sep | 5:40 | F | Full | 5:50 | DY | 0:10 |
| 30-Sep | 9:20 | 3 |  | 9:35 | DY |  |
| 17-Sep | 6:45 | 4 | Full | 7:05 | DY | 0:20 |
| 29-Sep | 19:15 | 2 | Full | 19:20 | F | 0:05 |
| 17-Sep | 14:10 | 4 | Empty | 14:30 | EXP | 0:20 |
| 1-Oct | 7:45 | 4 | Full | 8:30 | DY | 0:45 |
| 1-Oct | 10:00 | 4 | Full | 11:35 | DY | 1:35 |
| 30-Sep | 6:45 | 4 |  | 7:45 | DY |  |
| 30-Sep | 9:45 | 4 |  | 10:10 | DY |  |
| 30-Sep | 13:45 | 4 |  | 14:00 | 13 |  |
| 1-Oct | 6:45 | 5 | Full | 8:00 | DY | 1:15 |
| 1-Oct | 14:50 | 5 | Full | 15:05 | DY | 0:15 |
| 16-Sep | 10:00 | 5 |  | 10:13 | EXP |  |
| 30-Sep | 8:45 | 5 |  | 9:10 | DY |  |
| 17-Sep | 10:40 | 6 | Full | 11:05 | F | 0:25 |
| 29-Sep | 9:20 | 6 | Full | 9:40 | DY | 0:20 |
| 29-Oct | 9:20 | 6 | Full | 9:35 | DY | 0:15 |
| 29-Oct | 16:35 | 6 | Full | 17:10 | DY | 0:35 |
| 31-Oct |  | 6 | Empty |  | DY |  |
| 30-Sep | 7:30 | 6 |  | 8:10 | DY |  |
| 30-Sep | 14:30 | 6 |  | 15:15 | DY |  |
| 29-Sep | 23:16 | DY2 | Empty | 23:40 | DY | 0:24 |
| 1-Oct | 6:45 | 7 | Full | 8:55 | F | 2:10 |
| 6-Oct | 16:15 | 7 | Full | 16:40 | DY | 0:25 |
| 18-Sep | 7:00 | 7 | Full | 7:45 | F | 0:45 |
| 29-Oct | 15:35 | 7 | Full | 16:20 | DY | 0:45 |
| 30-Sep | 8:00 | 7 |  | 8:40 | DY |  |
| 30-Sep | 11:30 | 7 |  | 12:00 | DY |  |
| 29-Sep | 19:35 | F | Full | 19:48 | F | 0:13 |
| 30-Sep | 18:27 | DY | Empty | 18:35 | DY | 0:08 |
| 30-Sep | 23:25 | DY | Empty | 23:36 | F | 0:11 |
| 30-Sep | 20:22 | DY | Empty | 20:32 | F | 0:10 |
| 30-Sep | 0:45 | DY | Empty | 0:51 | F | 0:06 |
| 30-Sep | 20:10 | F | Full | 20:19 | DY | 0:09 |
| 30-Sep | 18:40 | F | Full | 18:46 | DY | 0:06 |
| 30-Sep | 0:55 | F | Empty | 1:05 | DY | 0:10 |
| 2-Oct | 10:30 | 7 |  | 11:05 | DY |  |
| 29-Sep | 11:30 | 8 | Full | 11:55 | DY | 0:25 |
| 1-Oct | 11:00 | 8 | Full | 12:50 | DY | 1:50 |
| 6-Oct | 10:10 | 8 | Full | 10:25 | DY | 0:15 |
| 18-Sep | 9:05 | 8 | Full | 9:20 | F | 0:15 |
| 1-Oct | 1:39 | 4 | Full | 1:49 | DY | 0:10 |
| 29-Oct | 10:30 | 8 | Full | 11:15 | DY | 0:45 |
| 1-Oct | 2:45 | 7 | Full | 2:55 | DY | 0:10 |
| 1-Nov |  | 8 | Full |  | 13 |  |
| 1-Oct | 6:45 | 9 | Full | 9:10 | F | 2:25 |
| 18-Sep | 9:45 | 9 | Full | 10:00 | F | 0:15 |
| 1-Oct | 23:38 | 9 | Full | 23:41 | F | 0:03 |
| 1-Oct | 21:27 | 10 | Full | 21:37 | DY | 0:10 |
| 1-Oct | 20:54 | 11 | Full | 21:00 | DY | 0:06 |
| 3-Oct |  | 9 |  |  | DY |  |
| 3-Oct |  | 9 |  |  | DY2 |  |
| 17-Sep | 11:05 | 10 | Full | 11:20 | F | 0:15 |
| 29-Sep | 6:45 | 10 | Full | 7:45 | DY | 1:00 |
| 1-Oct | 1:55 | DY | Full | 2:00 | 1 | 0:05 |
| 6-Oct | 13:00 | 10 | Full | 13:20 | DY | 0:20 |
| 16-Sep | 10:15 | 10 |  | 11:00 | DY |  |
| 20-Sep |  | 11 | Empty |  | EXP |  |
| 1-Oct | 21:42 | DY | Empty | 21:52 | 6 | 0:10 |
| 1-Oct | 3:00 | DY | Empty | 3:12 | 7 | 0:12 |
| 1-Oct | 21:03 | DY | Empty | 21:10 | 11 | 0:07 |
| 1-Oct | 8:00 | 12 | Full | 9:25 | DY | 1:25 |
| 6-Oct | 7:00 | 12 | Full | 7:50 | DY | 0:50 |
| 30-Oct |  | 12 | Full |  | DY |  |
| 16-Sep | 7:50 | 12 |  | 8:25 | DY |  |
| 18-Sep | 12:05 | 12 | Full | 12:20 | DY | 0:15 |
| 30-Sep | 11:00 | 12 |  | 11:20 | DY |  |
| 2-Oct | 13:45 | 12 |  | 14:20 | DY |  |
| 1-Oct | 0:38 | DY | Empty | 0:52 | NEW | 0:14 |
| 1-Oct | 19:10 | F | Empty | 19:15 | 2 | 0:05 |
| 1-Oct | 19:20 | F | Empty | 19:25 | 3 | 0:05 |
| 1-Oct | 19:00 | F | Empty | 19:05 | 4 | 0:05 |
| 1-Oct | 2:05 | F | Empty | 2:14 | 5 | 0:09 |
| 1-Oct | 18:50 | F | Empty | 18:55 | 6 | 0:05 |
| 1-Oct | 1:25 | F | Empty | 1:30 | 8 | 0:05 |
| 1-Oct | 21:13 | F | Empty | 21:28 | 12 | 0:15 |
| 17-Sep | 7:30 | 13 | Full | 7:50 | F | 0:20 |
| 1-Oct | 23:55 | F | Empty | 0:09 | NEW | 0:14 |
| 1-Oct | 0:54 | NEW | Empty | 1:10 | 9 | 0:16 |
| 1-Oct | 0:13 | NEW | Empty | 0:30 | 30 | 0:17 |
| 2-Oct | 3:01 | 2 | Empty | 3:15 | F | 0:14 |
| 2-Oct | 21:56 | 8 | Empty | 22:16 | F | 0:20 |
| 2-Oct | 2:25 | DY | Empty | 2:55 | 2 | 0:30 |
| 17-Sep | 15:00 | 13 | Full | 15:30 | DY | 0:30 |
| 29-Sep | 12:40 | 13 | Full | 13:15 | DY | 0:35 |
| 2-Oct | 22:35 | DY | Empty | 22:43 | F | 0:08 |
| 2-Oct | 19:35 | DY | Full | 19:48 | F | 0:13 |
| 2-Oct | 18:15 | DY | Full | 18:20 | F | 0:05 |
| 2-Oct | 4:17 | DY | Empty | 4:35 | F | 0:18 |
| 29-Sep | 16:00 | 13 | Full | 16:20 | DY | 0:20 |
| 2-Oct | 21:05 | EXP | Empty | 21:15 | F | 0:10 |
| 2-Oct | 20:05 | EXP | Empty | 20:15 | F | 0:10 |
| 2-Oct | 4:22 | EXP | Empty | 5:00 | F | 0:38 |
| 2-Oct | 21:20 | F | Empty | 21:47 | 2 | 0:27 |
| 2-Oct | 19:21 | F | Full | 19:30 | DY | 0:09 |
| 2-Oct | 2:00 | F | Full | 2:29 | DY | 0:29 |
| 2-Oct | 20:17 | F | Empty | 20:25 | EXP | 0:08 |
| 2-Oct | 23:50 | F | Full | 0:00 | F | 0:10 |
| 3-Oct | 4:56 | D20 | Empty | 5:08 | DY | 0:12 |
| 3-Oct | 20:25 | DY | Full | 20:35 | D14 | 0:10 |
| 3-Oct | 20:02 | DY | Full | 20:14 | F | 0:12 |
| 3-Oct | 18:53 | DY | Full | 19:02 | F | 0:09 |
| 3-Oct | 5:28 | DY | Full | 5:30 | F | 0:02 |
| 3-Oct | 1:10 | DY | Empty | 1:20 | F | 0:10 |
| 3-Oct | 1:03 | DY | Empty | 1:40 | F | 0:37 |
| 3-Oct | 23:26 | F | Full | 23:36 | DY | 0:10 |
| 3-Oct | 19:26 | F | Empty | 19:36 | DY | 0:10 |
| 3-Oct | 5:15 | F | Full | 5:20 | DY | 0:05 |
| 3-Oct | 4:46 | F | Full | 4:50 | DY | 0:04 |
| 3-Oct | 21:43 | F | Full | 21:53 | F | 0:10 |
| 3-Oct | 19:55 | F | Full | 20:00 | F | 0:05 |
| 3-Oct | 19:40 | F | Full | 19:50 | F | 0:10 |
| 3-Oct | 19:15 | F | Empty | 19:20 | F | 0:05 |
| 3-Oct | 18:38 | F | Full | 18:45 | F | 0:07 |
| 1-Oct | 13:00 | 13 | Full | 13:30 | DY | 0:30 |
| 16-Sep | 10:00 | 13 |  | 10:20 | DY |  |
| 5-Oct | 2:05 | D12 | Full | 2:12 | DY | 0:07 |
| 5-Oct | 2:05 | D12 | Empty | 2:12 | DY | 0:07 |
| 16-Sep | 13:15 | 13 |  | 13:30 | 2 |  |
| 1-Nov |  | 13 | Empty |  | 1 |  |
| 1-Nov |  | 13 | Full |  | 7 |  |
| 5-Oct | 2:20 | DY | Full | 2:35 | D1 | 0:15 |
| 5-Oct | 1:44 | DY | Empty | 1:53 | D14 | 0:09 |
| 5-Oct | 1:44 | DY | Empty | 1:53 | D14 | 0:09 |
| 5-Oct | 2:20 | DY | Empty | 2:35 | DY | 0:15 |
| 18-Sep | 12:45 | 13 |  | 12:50 | DY |  |
| 5-Oct | 20:31 | DY | Empty | 20:45 | EXP | 0:14 |
| 5-Oct | 20:31 | DY | Empty | 20:45 | EXPO | 0:14 |
| 29-Sep | 13:15 | 14 | Full | 13:45 | DY | 0:30 |
| 6-Oct | 11:30 | 14 | Full | 11:40 | F | 0:10 |
| 29-Oct | 7:10 | 14 | Full | 7:40 | DY | 0:30 |
| 1-Nov |  | 14 | Full |  | DY |  |
| 5-Oct | 19:30 | EXP | Full | 20:00 | DY | 0:30 |
| 5-Oct | 23:42 | EXP | Empty | 23:57 | NEW | 0:15 |
| 5-Oct | 23:13 | EXP | Empty | 23:28 | NEW | 0:15 |
| 5-Oct | 22:47 | EXP | Empty | 23:00 | NEW | 0:13 |
| 5-Oct | 22:20 | EXP | Empty | 22:32 | NEW | 0:12 |
| 5-Oct | 21:50 | EXP | Empty | 22:06 | NEW | 0:16 |
| 5-Oct | 20:50 | EXP | Empty | 21:06 | NEW | 0:16 |
| 5-Oct | 19:30 | EXPO | Full | 20:00 | DY | 0:30 |
| 5-Oct | 23:42 | EXPO | Empty | 23:57 | NEW | 0:15 |
| 5-Oct | 23:13 | EXPO | Empty | 23:28 | NEW | 0:15 |
| 5-Oct | 22:47 | EXPO | Full | 23:00 | NEW | 0:13 |
| 5-Oct | 22:20 | EXPO | Full | 22:32 | NEW | 0:12 |
| 5-Oct | 21:50 | EXPO | Full | 22:06 | NEW | 0:16 |
| 5-Oct | 20:50 | EXPO | Full | 21:06 | NEW | 0:16 |
| 1-Oct | 11:20 | 15 | Full | 12:00 | DY | 0:40 |
| 16-Sep | 12:30 | 15 |  | 12:50 | F |  |
| 18-Sep | 8:30 | 15 | Full | 8:50 | DY | 0:20 |
| 1-Nov |  | 20 | Full |  | DY |  |
| 29-Sep | 14:30 | 30 | Full | 15:00 | DY | 0:30 |
| 16-Sep | 13:15 | 30 |  | 13:50 | DY |  |
| 31-Oct |  | 30 | Full |  | DY |  |
| 15-Sep | 12:15 | CW |  | 12:48 | DY |  |
| 5-Oct | 13:15 | D10 | Empty | 13:34 | Y | 0:19 |
| 5-Oct | 8:41 | D13 | Empty | 8:49 | F | 0:08 |
| 5-Oct | 10:16 | D15 | Empty | 10:23 | SIDE | 0:07 |
| 5-Oct | 15:46 | D15 | Full | 15:55 | SIDE | 0:09 |
| 5-Oct | 16:03 | D3 | Full | 16:20 | F | 0:17 |
| 1-Oct | 6:45 | D4 | Full | 7:20 | DY | 0:35 |
| 17-Sep | 6:45 | DY | Full | 7:20 | 4 | 0:35 |
| 17-Sep | 8:55 | DY | Full | 9:15 | F | 0:20 |
| 17-Sep | 10:00 | DY | Full | 10:20 | F | 0:20 |
| 17-Sep | 12:00 | DY | Empty | 12:15 | EXP | 0:15 |
| 17-Sep | 12:55 | DY | Full | 13:15 | 9 | 0:20 |
| 17-Sep | 13:40 | DY | Empty | 13:55 | 13 | 0:15 |
| 17-Sep | 14:30 | DY | Empty | 15:10 | 5 | 0:40 |
| 17-Sep | 15:35 | DY | Full | 16:15 | F | 0:40 |
| 17-Sep | 16:50 | DY | Full | 17:05 | F | 0:15 |
| 17-Sep | 16:55 | DY | Empty | 17:30 | 1 | 0:35 |
| 21-Sep | 7:40 | DY | Full | 7:48 | DY | 0:08 |
| 29-Sep | 6:30 | DY | Full | 7:15 | F | 0:45 |
| 29-Sep | 9:00 | DY | Full | 9:20 | F | 0:20 |
| 29-Sep | 9:45 | DY | Full | 10:10 | F | 0:25 |
| 29-Sep | 10:15 | DY | Full | 10:40 | F | 0:25 |
| 6-Oct | 17:00 | DY | Empty | 17:30 | EXP | 0:30 |
| 29-Sep | 12:15 | DY | Full | 12:45 | F | 0:30 |
| 29-Sep | 13:15 | DY | Full | 13:30 | F | 0:15 |
| 29-Sep | 13:45 | DY | Full | 14:00 | F | 0:15 |
| 29-Sep | 14:00 | DY | Full | 14:30 | F | 0:30 |
| 29-Sep | 14:45 | DY | Full | 15:15 | 30 | 0:30 |
| 29-Sep | 15:45 | DY | Empty | 16:00 | 3 | 0:15 |
| 29-Sep | 16:00 | DY | Full | 16:35 | 13 | 0:35 |
| 1-Oct | 6:30 | DY | Full | 6:50 | F | 0:20 |
| 1-Oct | 7:45 | DY | Full | 8:15 | F | 0:30 |
| 1-Oct | 8:00 | DY | Full | 8:45 | 4 | 0:45 |
| 1-Oct | 9:15 | DY | Empty | 9:35 | 15 | 0:20 |
| 1-Oct | 9:30 | DY | Full | 10:05 | F | 0:35 |
| 1-Oct | 10:00 | DY | Full | 11:05 | F | 1:05 |
| 1-Oct | 11:00 | DY | Full | 11:45 | F | 0:45 |
| 1-Oct | 11:30 | DY | Empty | 12:10 | F | 0:40 |
| 1-Oct | 13:00 | DY | Full | 13:45 | F | 0:45 |
| 2-Oct | 12:10 | DY | Empty | 12:17 | F | 0:07 |
| 2-Oct | 12:43 | DY | Empty | 12:55 | 12 | 0:12 |
| 6-Oct | 7:15 | DY | Full | 8:00:00 | F | 0:45 |
| 6-Oct | 7:30 | DY | Full | 8:50 | F | 1:20 |
| 6-Oct | 9:15 | DY | Empty | 9:25 | 11 | 0:10 |
| 6-Oct | 10:10 | DY | Empty | 11:05 | 8 | 0:55 |
| 6-Oct | 10:45 | DY | Full | 11:15 | 30 | 0:30 |
| 6-Oct | 11:00 | DY | Full | 11:30 | 14 | 0:30 |
| 6-Oct | 11:55 | DY | Full | 12:25 | F | 0:30 |
| 6-Oct | 12:15 | DY | Empty | 12:55 | 7 | 0:40 |
| 6-Oct | 13:00 | DY | Empty | 13:35 | 4 | 0:35 |
| 6-Oct | 14:15 | DY | Empty | 14:45 | 3 | 0:30 |
| 6-Oct | 15:00 | DY | Full | 15:45 | F | 0:45 |
| 6-Oct | 15:55 | DY | Full | 16:10 | F | 0:15 |
| 29-Oct | 6:20 | DY | Empty | 6:55 | F | 0:35 |
| 15-Sep |  | DY | Empty |  | EXP |  |
| 15-Sep |  | DY | Empty |  | EXP |  |
| 15-Sep |  | DY | Full |  | F |  |
| 15-Sep |  | DY | Empty |  | F |  |
| 15-Sep | 9:00 | DY |  | 9:10 | F |  |
| 15-Sep | 9:38 | DY |  | 9:44 | F |  |
| 15-Sep | 17:30 | F |  | 17:41 |  |  |
| 15-Sep | 10:02 | DY |  | 10:04 | F |  |
| 15-Sep | 10:33 | DY |  | 10:46 | 10 |  |
| 15-Sep | 12:54 | DY |  | 13:12 | Dock |  |
| 15-Sep | 13:59 | DY |  | 14:03 | F |  |
| 15-Sep | 16:24 | DY |  | 16:33 | F |  |
| 16-Sep | 6:50 | DY |  | 7:30 | F |  |
| 16-Sep | 7:00 | DY |  | 8:00 | F |  |
| 16-Sep | 7:00 | DY |  | 8:10 | 6 |  |
| 16-Sep | 10:40 | DY |  | 11:10 | F |  |
| 16-Sep | 11:15 | DY |  | 11:30 | F |  |
| 16-Sep | 12:00 | DY |  | 12:15 | 3 |  |
| 16-Sep | 13:45 | DY |  | 14:00 | F |  |
| 16-Sep | 14:15 | DY |  | 14:30 | F |  |
| 16-Sep | 14:30 | DY |  | 15:10 | 1 |  |
| 16-Sep | 14:50 | DY |  | 15:20 | F |  |
| 16-Sep | 15:55 | DY |  | 16:10 | F |  |
| 16-Sep | 6:40 | DY |  | 6:45 | F |  |
| 16-Sep | 7:00 | DY |  | 7:15 | 15 |  |
| 16-Sep | 13:10 | DY |  | 13:18 | 2 |  |
| 16-Sep | 16:10 | DY |  | 16:18 | F |  |
| 18-Sep | 7:00 | DY | Full | 7:15 | F | 0:15 |
| 18-Sep | 7:45 | DY | Full | 8:00 | F | 0:15 |
| 18-Sep | 8:00 | DY | Full | 8:35 | F | 0:35 |
| 18-Sep | 8:45 | DY | Full | 9:05 | DY | 0:20 |
| 18-Sep | 9:50 | DY | Full | 10:00 | F | 0:10 |
| 18-Sep | 10:00 | DY | Full | 11:00 | 1 | 1:00 |
| 18-Sep | 10:00 | DY | Empty | 10:10 | F | 0:10 |
| 18-Sep | 11:00 | DY | Empty | 11:30 | F | 0:30 |
| 16-Sep | 17:25 | 1 |  | 17:30 | DY |  |
| 18-Sep | 12:45 | DY | Empty | 13:00 | 1 | 0:15 |
| 18-Sep | 13:55 | DY | Full | 14:30 | F | 0:35 |
| 18-Sep | 14:55 | DY | Full | 15:10 | 7 | 0:15 |
| 20-Sep |  | DY | Full |  | 10 |  |
| 20-Sep |  | DY | Empty |  | F |  |
| 20-Sep |  | DY | Full |  | F |  |
| 29-Oct | 8:00 | DY | Full | 8:15 | F | 0:15 |
| 29-Oct | 8:30 | DY | Full | 9:10 | F | 0:40 |
| 29-Oct | 9:20 | DY | Empty | 9:50 | 6 | 0:30 |
| 29-Oct | 9:45 | DY | Empty | 10:05 | 13 | 0:20 |
| 16-Sep | 17:00 | 1 |  | 17:10 | DY |  |
| 16-Sep | 17:30 | DY |  | 17:47 | 1 |  |
| 16-Sep | 17:48 | 2 |  | 18:00 | DY |  |
| 29-Oct | 13:25 | DY | Full | 13:40 | 10 | 0:15 |
| 29-Oct | 14:20 | DY | Full | 14:40 | F | 0:20 |
| 29-Oct | 14:45 | DY | Full | 15:00 | 9 | 0:15 |
| 29-Oct | 15:35 | DY | Empty | 16:10 | 3 | 0:35 |
| 29-Oct | 16:35 | DY | Full | 16:50 | F | 0:15 |
| 29-Oct | 16:55 | DY | Empty | 17:20 | 6 | 0:25 |
| 30-Oct |  | DY | Empty |  | EXP |  |
| 30-Oct |  | DY | Full |  | F |  |
| 30-Oct |  | DY | Full |  | F |  |
| 30-Oct |  | DY | Full |  | F |  |
| 31-Oct |  | DY | Empty |  | 1 |  |
| 31-Oct |  | DY | Full |  | 30 |  |
| 31-Oct |  | DY | Full |  | EXP |  |
| 31-Oct |  | DY | Full |  | F |  |
| 31-Oct |  | DY | Full |  | F |  |
| 31-Oct |  | DY | Full |  | F |  |
| 31-Oct |  | DY | Full |  | F |  |
| 31-Oct |  | DY | Full |  | F |  |
| 1-Nov |  | DY | Full |  | 3 |  |
| 1-Nov |  | DY | Full |  | 20 |  |
| 1-Nov |  | DY | Empty |  | DY |  |
| 1-Nov |  | DY | Full |  | F |  |
| 1-Nov |  | DY | Full |  | F |  |
| 18-Sep | 9:48 | DY |  | 10:12 | F |  |
| 18-Sep | 10:30 | DY |  | 10:50 | F |  |
| 30-Sep | 7:00 | DY |  | 7:55 | F |  |
| 30-Sep | 7:45 | DY |  | 8:25 | 4 |  |
| 30-Sep | 8:30 | DY |  | 8:55 | 1 |  |
| 30-Sep | 9:30 | DY |  | 9:50 | F |  |
| 30-Sep | 9:45 | DY |  | 10:25 | 4 |  |
| 30-Sep | 11:00 | DY |  | 11:30 | F |  |
| 30-Sep | 12:05 | DY |  | 12:20 | F |  |
| 30-Sep | 12:30 | DY | E | 13:00 | 2 |  |
| 30-Sep | 13:10 | DY |  | 13:25 | F |  |
| 30-Sep | 13:40 | DY |  | 13:55 | F |  |
| 30-Sep | 13:45 | DY |  | 14:30 | F |  |
| 30-Sep | 14:30 | DY |  | 15:30 | 6 |  |
| 30-Sep | 16:00 | DY |  | 16:15 | 1 |  |
| 2-Oct | 8:55 | DY |  | 9:20 | F |  |
| 2-Oct | 10:15 | DY |  | 10:30 | F |  |
| 2-Oct | 11:30 | DY |  | 11:45 | 2 |  |
| 2-Oct | 12:55 | DY |  | 13:25 | F |  |
| 2-Oct | 13:15 | DY |  | 13:55 | 6 |  |
| 2-Oct | 14:25 | DY |  | 14:40 | 3 |  |
| 2-Oct | 15:00 | DY |  | 15:10 | F |  |
| 2-Oct | 16:35 | DY |  | 17:05 | F |  |
| 3-Oct |  | DY |  |  | 20 |  |
| 3-Oct |  | DY |  |  | DY2 |  |
| 3-Oct |  | DY |  |  | DY2 |  |
| 3-Oct |  | DY |  |  | DY2 |  |
| 3-Oct |  | DY |  |  | DY |  |
| 3-Oct |  | DY |  |  | DY2 |  |
| 3-Oct |  | DY |  |  | 12 |  |
| 16-Sep | 11:22 | DY2 |  | 11:45 | 3 |  |
| 3-Oct |  | DY2 |  |  | DY |  |
| 3-Oct |  | DY2 |  |  | DY |  |
| 3-Oct |  | DY2 |  |  | DY |  |
| 3-Oct |  | DY2 |  |  | DY |  |
| 3-Oct |  | DY2 |  |  | 4 |  |
| 3-Oct |  | DY2 |  |  | 13 |  |
| 3-Oct |  | DY2 |  |  | DY |  |
| 3-Oct |  | DY2 |  |  | DY |  |
| 17-Sep | 12:30 | EXP | Full | 12:55 | DY | 0:25 |
| 29-Sep | 6:30 | exp | Full | 7:00 | 30 | 0:30 |
| 15-Sep | 13:40 | EXP |  | 13:53 | DY |  |
| 16-Sep | 11:40 | EXP |  | 12:00 | DY |  |
| 5-Oct | 12:28 | EXPO | Empty | 13:05 | Y | 0:37 |
| 5-Oct | 16:25 | EXPO | Empty | 16:50 | F | 0:25 |
| 5-Oct | 16:51 | EXPO | Empty | 17:07 | Y | 0:16 |
| 17-Sep | 6:45 | F | Empty | 7:35 | DY | 0:50 |
| 17-Sep | 8:25 | F | Empty | 9:30 | 1 | 1:05 |
| 17-Sep | 9:20 | F | Full | 9:45 | DY | 0:25 |
| 17-Sep | 14:30 | F | Empty | 14:55 | 7 | 0:25 |
| 17-Sep | 16:50 | F | Empty | 17:20 | DY | 0:30 |
| 29-Sep | 9:30 | F | Empty | 9:55 | DY | 0:25 |
| 29-Sep | 10:00 | F | Empty | 10:25 | DY | 0:25 |
| 29-Sep | 10:30 | F | Empty | 11:25 | DY | 0:55 |
| 29-Sep | 12:15 | F | Empty | 12:30 | DY | 0:15 |
| 29-Sep | 12:40 | F | Empty | 13:00 | DY | 0:20 |
| 29-Sep | 13:45 | F | Empty | 14:15 | DY | 0:30 |
| 1-Oct | 9:30 | F | Empty | 9:50 | DY | 0:20 |
| 1-Oct | 9:30 | F | Empty | 10:20 | DY | 0:50 |
| 1-Oct | 10:00 | F | Full | 11:20 | DY | 1:20 |
| 1-Oct | 11:00 | F | Empty | 12:20 | DY | 1:20 |
| 2-Oct | 12:30 | F | Empty | 12:40 | DY | 0:10 |
|  | 2:15 | 1 | Full | 2:23 | DY | 0:08 |
|  | 5:10 | 3 | Full | 5:20 | DY | 0:10 |
|  | 9:40 | DY | Empty | 9:55 | 3 | 0:15 |
|  | 10:05 | F | Empty | 12:10 | 7 | 2:05 |
|  | 10:12 | 10 | Full | 10:21 | DY | 0:09 |
|  | 1:05 | DY | Full | 1:15 | 10 | 0:10 |
| 5-Oct | 8:02 | F | Empty | 8:11 | Y | 0:09 |
|  | 11:25 | DY | Empty | 11:33 | 1 | 0:08 |
|  | 11:47 | EXP | Empty | 12:10 | 3 | 0:23 |
|  | 5:23 | DY | Full | 5:28 | F | 0:05 |
|  | 5:39 | F | Empty | 5:50 | DY | 0:11 |
| 18-Sep | 7:29 | F |  | 7:47 | EXP |  |
| 18-Sep | 8:18 | F |  | 8:33 | EXP |  |
| 18-Sep | 8:51 | DY |  | 9:15 | F |  |
| 18-Sep | 9:23 | F |  | 9:33 | DY |  |
| 5-Oct | 11:15 | F | Empty | 11:25 | T | 0:10 |
| 6-Oct | 8:00 | F | Empty | 8:40 | DY | 0:40 |
| 6-Oct | 8:30 | F | Empty | 9:10 | DY | 0:40 |
| 6-Oct | 9:30 | F | Empty | 9:45 | 5 | 0:15 |
| 18-Sep | 13:20 | F |  | 13:06 | 6 |  |
| 18-Sep | 13:37 | F |  | 13:27 | 9 |  |
| 18-Sep | 13:53 | DY |  | 13:45 | 15 |  |
| 18-Sep | 14:24 | 13 |  | 14:03 | F |  |
| 18-Sep | 15:03 | 5 |  | 15:32 | EXP |  |
| 18-Sep | 15:49 | DY |  | 16:09 | F |  |
| 18-Sep | 20:58 | DY |  | 21:18 | F |  |
| 18-Sep | 22:15 | F |  | 22:20 | DY |  |
| 18-Sep | 22:30 | F |  | 22:42 | F |  |
| 18-Sep | 23:24 | F |  | 23:40 | DY |  |
| 18-Sep | 23:42 | F |  | 23:55 | F |  |
| 18-Sep | 23:52 | F |  | 0:12 | DY |  |
| 18-Sep | 2:10 | F |  | 2:20 | F |  |
| 18-Sep | 3:20 | F |  | 3:25 | F |  |
| 18-Sep | 4:17 | F |  | 5:00 | DY2 |  |
| 6-Oct | 11:55 | F | Empty | 12:10 | DY | 0:15 |
| 6-Oct | 12:15 | F | Empty | 12:40 | DY | 0:25 |
| 15-Sep |  | F | Full |  | DY |  |
| 15-Sep |  | F | Full |  | DY |  |
| 15-Sep |  | F | Empty |  | DY |  |
| 15-Sep |  | F | Full |  | DY |  |
| 15-Sep |  | F | Full |  | DY |  |
| 15-Sep |  | F | Full |  | F |  |
| 15-Sep |  | F | Empty |  | F |  |
| 15-Sep |  | F | Full |  | F |  |
| 15-Sep | 8:19 | F |  | 8:30 | DY |  |
| 15-Sep | 8:41 | F |  | 8:53 | DY |  |
| 15-Sep | 9:10 | F |  | 9:20 | DY |  |
| 15-Sep | 9:48 | F |  | 10:00 | Y |  |
| 15-Sep | 10:08 | F |  | 10:14 | DY |  |
| 15-Sep | 10:54 | F |  | 11:02 | DY |  |
| 15-Sep | 14:12 | F |  | 14:20 | DY |  |
| 15-Sep | 14:27 | F |  | 14:38 | DY |  |
| 15-Sep | 16:05 | F |  | 16:20 | DY |  |
| 30-Sep | 12:20 | DY |  | 12:50 | 6 |  |
| 15-Sep | 16:37 | F |  | 16:58 | DY |  |
| 16-Sep | 6:50 | F |  | 7:15 | DY |  |
| 16-Sep | 7:00 | F |  | 7:45 | DY |  |
| 30-Sep | 13:20 | F |  | 13:40 | DY |  |
| 16-Sep | 10:40 | F |  | 11:20 | DY |  |
| 16-Sep | 12:00 | F |  | 12:30 | DY |  |
| 16-Sep | 12:30 | F |  | 13:05 | DY |  |
| 16-Sep | 14:00 | F |  | 14:15 | DY |  |
| 16-Sep | 14:30 | F |  | 15:00 | DY |  |
| 16-Sep | 14:50 | F |  | 15:55 | DY |  |
| 16-Sep | 16:00 | F |  | 16:30 | DY |  |
| 16-Sep | 10:40 | F |  | 11:20 | DY2 |  |
| 30-Sep | 16:30 | DY |  | 16:50 | F |  |
| 30-Sep | 16:45 | DY |  | 17:05 | 2 |  |
| 30-Sep | 17:00 | DY |  | 17:20 | F |  |
| 30-Sep | 17:15 | 6 |  | 17:40 | DY |  |
| 30-Sep | 17:45 | DY |  | 18:00 | F |  |
| 30-Sep | 18:00 | F |  | 18:15 | DY |  |
| 2-Oct | 8:15 | 12 |  | 8:35 | DY2 |  |
| 16-Sep | 11:51 | F |  | 12:07 | DY2 |  |
| 2-Oct | 9:35 | 5 |  | 9:55 | DY |  |
| 16-Sep | 13:50 | F |  | 13:58 | 3 |  |
| 18-Sep | 7:55 | F | Empty | 8:20 | DY | 0:25 |
| 2-Oct | 10:55 | DY |  | 11:20 | 7 |  |
| 18-Sep | 10:00 | F | Full | 10:50 | EXP | 0:50 |
| 2-Oct | 11:45 | F |  | 12:00 | DY |  |
| 29-Oct | 6:30 | F | Empty | 7:15 | DY | 0:45 |
| 29-Oct | 14:30 | F | Empty | 14:50 | DY | 0:20 |
| 2-Oct | 13:05 | 13 |  | 13:40 | DY |  |
| 30-Oct |  | F | Empty |  | DY |  |
| 30-Oct |  | F | Empty |  | DY |  |
| 30-Oct |  | F | Full |  | DY |  |
| 2-Oct | 14:40 | F |  | 14:55 | DY |  |
| 30-Oct |  | F | Empty |  | EXP |  |
| 30-Oct |  | F | Empty |  | EXP |  |
| 2-Oct | 15:30 | DY |  | 16:10 | 5 |  |
| 30-Oct |  | F | Empty |  | EXP |  |
| 30-Oct |  | F | Empty |  | EXP |  |
| 2-Oct | 17:15 | 1 |  | 17:35 | DY |  |
| 2-Oct | 17:30 | 12 |  | 17:55 | DY |  |
| 31-Oct |  | F | Empty |  | DY |  |
| 31-Oct |  | F | Empty |  | DY |  |
| 31-Oct |  | F | Empty |  | DY |  |
| 1-Nov |  | F | Empty |  | DY |  |
| 18-Sep | 11:00 | F |  | 11:05 | F |  |
| 30-Sep | 11:15 | F |  | 11:45 | DY |  |
| 30-Sep | 12:05 | F |  | 12:35 | DY |  |
| 30-Sep | 13:45 | F |  | 14:15 | DY |  |
| 30-Sep | 14:15 | F |  | 14:45 | DY |  |
| 2-Oct | 12:55 | F |  | 13:10 | DY |  |
| 2-Oct | 15:00 | F |  | 15:55 | DY |  |
| 2-Oct | 16:35 | F |  | 16:50 | DY |  |
| 5-Oct | 11:28 | SIDE | Full | 11:35 | F | 0:07 |
| 5-Oct | 9:55 | Y | Empty | 10:10 | D14 | 0:15 |
| 5-Oct | 10:59 | Y | Empty | 11:09 | F | 0:10 |
| 5-Oct | 12:08 | Y | Full | 12:25 | EXPO | 0:17 |
| 5-Oct | 15:05 | Y | Full | 15:14 | D10 | 0:09 |
| 30-Oct |  | Y | Empty |  | DY |  |
| 30-Oct |  | Y | Empty |  | EXP |  |