

Deployment Schedule (v2021-10-10)

- Oct 16, Sat
 - Advance team arrive
 - Buie - UA 1252 (IAH-LAS), 15:55 arrival time
 - CU team - SW 3211 (DEN-LAS), 15:30 arrival time
 - 17:00 meetup at hotel (Hampton Inn)
 - 18:00 pick up gear at College of Southern Nevada (CSN) planetarium
 - 20:00-22:00 CU team practice at planetarium
- Oct 17, Sun - Group Practice night
 - Teams arrive, last at 15:00
 - 16:00-17:00 Reconnecting and meeting new team members with pizza
 - 17:00-19:00 Team briefing at CSN planetarium
 - Pizza provided during meeting
 - Introductions and team meetups
 - Discussion of site assignments and locations
 - Review observing plan for event
 - Review new system procedures and plate solve tool
 - 19:00-22:00 Group practice at planetarium
 - Collect data on field for PyMovie practice
- Oct 18, Mon - Dress rehearsal night
 - 11:00-13:00 team meeting at CSN Planetarium
 - Discussion of sites and logistics
 - PyMovie training
 - Q&A from practice night
 - 18:30-02:30 Sleep to be rested for the morning (time depends on site)
 - 03:00-04:00 Teams depart for observation sites, exact time depends on location
 - 04:00 Setup of telescopes (nominal time)
 - Practice observations, data collection from 11:57:00 to 12:03:00 UT
 - 200 ms exposure time, 6 minutes duration of collection
 - Local time is 04:57 to 05:03
 - Pack up and return to hotel
 - Charge battery and laptop, connect laptop to network
- Oct 19, Tue - Event night
 - 11:00-13:00 team meeting at CSN Planetarium
 - Discussion of sites and logistics
 - Final discussion of exposure time
 - PyMovie processing of practice data
 - Q&A from dress rehearsal night
 - 18:30-02:30 Sleep to be rested for the morning (time depends on site)
 - 03:00-04:00 Teams depart for observation sites, exact time depends on location
 - 04:00 Setup of telescopes (nominal time)
 - Practice observations, data collection from 11:57:00 to 12:03:00 UT
 - 200 ms exposure time, 6 minutes duration of collection

- Local time is 04:57 to 05:03
 - Pack up and return to hotel (or head home)
 - SwRI gear to be handed in at the hotel, transfer to cargo van
 - Charge battery and laptop, connect laptop to network
 - If transfer doesn't finish before you leave, resume transfer as soon as you get home
- Oct 20, Wed
 - Departure as needed
- Oct 22, Fri and/or Oct 23, Sat
 - Online video meeting for data analysis

Event night timeline

Local times in CA, NV, and AZ are all offset -7 hours from UT. The observing window starts at 11:57:00 UT and ends at 12:03:00 UT. Full Moon (100% illuminated) will be up at event time and will be 37° from the star at event time.

The following table shows the expected timeline, used for both dress rehearsal and event night (moon information is for event night). Observing circumstances and event time are for Las Vegas, NV.

UT	Local	Description
00:52	17:52	Moonrise (100% illuminated)
00:59	17:59	Sunset
02:24	19:24	Astronomical twilight ends
03:00	20:00	Field elevation > 10 degrees
10:30	03:30	Arrive at observing location, begin setup
11:57:00	04:57:00	Start data collection (6 minutes of data)
12:00:00	05:00:00	Event mid-time (Moon is 37° away), time varies by as much as 20 s depending on the site location in the general Las Vegas to Reno corridor.
12:03:00	05:03:00	End data collection
12:10	05:10	Start packing up, depart when done
12:26	05:26	Astronomical twilight begins
13:49	06:49	Moonset
13:52	06:52	Sunrise