



## 2019 RASC-AL Special Edition: Moon to Mars Ice & Prospecting Challenge Agenda

### Monday, June 3, 2019

- 7:00 – 7:30 PM** **Team Check-in & Badging**  
Newport News Marriott at City Center  
**Grand Ballroom 1; 740 Town Center Dr.**  
Newport News, VA 23606
- 7:30 – 8:00 PM** **Reception and Networking Event**
- 8:00 – 8:30 PM** **NASA Welcome and Inspiration**  
Dr. Robert Moses, NASA LaRC
- 8:30 – 9:00 PM** **Guest Presentation**  
Dr. Keith Nicewarner, SpaceX  
"SpaceX Needs Martian Water"

### Tuesday, June 4, 2019

- 7:30 AM** **Teams meet at Badge & Pass Office**  
Meet at 7:30 a.m. with systems, equipment, & tools in vehicles (escorted to the Hangar)
- 7:45 – 7:55 AM** **Safety Briefing**  
NASA LaRC Hangar
- 8:00 – 8:45 AM** **Breakfast**  
NASA LaRC Hangar
- 8:00 - 3:45 PM** **Teams unpack, assemble & test drill systems**  
NASA LaRC Hangar
- 12:00 – 1:00 PM** **Grab-n-Go lunch is served in Hangar during assembly**
- 3:45 – 4:30 PM** **Competition Rules & Mass, Volume, and Weight-On Bit Testing**
- 4:30 – 5:00 PM** **Pack Up Vehicles, then Free Time**

### Wednesday, June 5, 2019

- 7:30 AM** **Teams arrive at Hangar**  
Breakfast served in the Hangar at 7:30 AM
- 7:30 – 9:00 AM** **Set up Water Extraction Systems**
- 9:00 – 3:00 PM** **6 Hours of Day One Competition**  
(Informal poster session opportunity with judges throughout the day)
- 11:45 AM** **Grab-N-Go Lunch**  
NASA LaRC Hangar
- 3:00 – 3:30 PM** **Water Measurement and Recording**
- 3:30 – 3:45 PM** **Pack Up Vehicles**
- 4:00 – 5:00 PM** **NASA Tour**
- 5:15 – 7:00 PM** **Dinner**  
Corner Bistro  
200 Fountain Trace, Poquoson, VA 23662



### Thursday, June 6, 2019

- 7:30 AM** **Teams arrive at Hangar**  
Breakfast served in the Hangar at 7:30 AM
- 7:30 – 8:30 AM** **Set up Water Extraction Systems**
- 8:30 – 2:30 PM** **6 Hours of Day Two Competition**  
(Informal poster session opportunity with judges throughout the day)
- 12:00 PM** **Grab-N-Go Lunch**  
NASA LaRC Hangar
- 2:30 – 3:00 PM** **Water Measurement and Recording**
- 3:00 – 5:00 PM** **Pack Up Vehicles**
- 3:00 – 5:00 PM** **Judges' Deliberation**  
Conference Room
- 7:00 – 10:00 PM\*** **Dinner, Knowledge Capture Session, Group Photo, & Awards Ceremony**  
\*Teams can arrive as early as 6:30 PM to begin recording notes for the knowledge capture session  
Newport News Marriott at City Center  
**BluePoint Room, 740 Town Center Dr.**  
Newport News, VA 23606

### Friday, June 7, 2019

- 8:30 – 1:00 PM** **Unpack Ice Chests and Dismantle Competition Facility**  
Hangar & National Institute of Aerospace (NIA)  
100 Exploration Way, Hampton, VA, 23666

### Thank You to Our Generous Sponsors!



RASC-AL is sponsored by NASA and managed by the National Institute of Aerospace (NIA)

