

# S-MODE

SHIP OPERATIONS DEPLOYMENT GUIDE

SAN DIEGO, CA and ALAMEDA, CA



NASA Earth Science Project Office

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## INTRODUCTION

This guide was created to provide information on ship mobilization, cruise operations, and logistics for the S-MODE Spring 2023 research cruise.

The full S-MODE schedule showing all research platforms can be found at <https://espo.nasa.gov/s-mode/calendar>.

## ARRIVAL AND LOCAL INFORMATION

For its Spring 2023 field campaign, S-MODE will utilize the [R/V Sally Ride](#) for all shipborne science operations. The R/V Sally Ride will sail from the [Nimitz Marine Facility \(MarFac\)](#) and return to [Bay Ship & Yacht Co.](#) in Alameda, CA.

Here are some quick facts and important information regarding ship operations in San Diego:

- The most up-to-date roster for the S-MODE science party can be found at [Sally Ride 2023 cruise participant list](#)
- The same spreadsheet will have information on travel plans.
- **Local transportation:** Unless specifically instructed, please do not plan on renting a car in San Diego. The hotel has a free airport shuttle, and others can arrange to carpool/Uber to the ship and back.
- [The San Diego International Airport](#) is the closest airport to MarFac.
- Upon arrival in San Diego, check in with Andrey Shcherbina, cell phone (206) 427-1062.
- The shipping address for the Nimitz Marine Facility (MarFac) is:  
Nimitz Marine Facility (MarFac)  
ATTN: S-MODE Cruise (SR2306)  
297 Rosecrans Street Building 2  
San Diego, CA 92106

## PRE-EMBARKATION COVID-19 PROTOCOL AND SCHEDULE

All S-MODE IOP-2 cruise participants will adhere to UNOLS guidelines and will follow a pre-embarkation COVID-19 protocol as outlined below. For everyone's safety and for the success of the mission, we request that everybody strictly adhere to the following plan. Please speak with the chief scientist or the ship's captain if you have any questions/concerns.

### VACCINATION REQUIREMENTS

Everyone is required to be fully vaccinated, including the most up-to-date booster (bivalent booster). COVID-19 vaccination documentation will be uploaded in [Marine Facilities Planner \(MFP\)](#) by each individual. If you are not fully vaccinated and boosted, please contact Andrey/Tom/Erin for additional information.

PRE-EMBARKATION SCHEDULE

With regard to COVID-19, all members of the science party should exercise great caution prior to traveling to San Diego, during travel, and while in San Diego. The following table outlines the schedule for pre-embarkation protocol for the S-MODE IOP-2 cruise:

Date	Action Required
Now	<ul style="list-style-type: none"> <li>• Upload COVID-19 vaccination documentation into Marine Facilities Planner (MFP)</li> </ul>
NLT Mar 27	<ul style="list-style-type: none"> <li>• PCR test (<i>recommended</i>). See note below<sup>1</sup></li> </ul>
March 28	<ul style="list-style-type: none"> <li>• Begin pre-boarding<sup>2</sup> health safety measures<sup>3</sup></li> </ul>
April 5	<ul style="list-style-type: none"> <li>• Obtain a COVID-19 PCR test (or clinical antigen test if PCR is not available). See testing guidance below if you've recently had COVID-19<sup>4</sup>.</li> <li>• <b>Retain test results to show when boarding ship</b></li> </ul>
April 6	<ul style="list-style-type: none"> <li>• Deadline for all personnel and equipment to arrive in San Diego</li> </ul>
April 7	<ul style="list-style-type: none"> <li>• Sally Ride mobilization begins</li> </ul>
April 7-8	<ul style="list-style-type: none"> <li>• If you have no COVID symptoms, proceed to the ship.</li> <li>• Upon arrival, provide PCR test results to ship's watch officer</li> <li>• The ship will administer an antigen self-test when you arrive at the gangway. Before you board, take the test and show your results to the gangway watch officer. Do not go aboard until you have provided negative test results.</li> </ul>
April 8	All members of the science party will remain on the ship after boarding on April 8th.
April 9 - May 3	Cruise
May 4	Demobilization in Alameda, CA

<sup>1</sup> Baseline PCR test: We are recommending that you take this baseline PCR test as a preliminary check for both active and remnant COVID-19 infections. If this test comes back positive, you can be cleared to travel in 5 days (if symptom-free) as described at <https://www.cdc.gov/coronavirus/2019-ncov/your-health/isolation.html>, regardless if the test is positive due to an active or remnant infection. If this test is negative, then we can be assured with later tests that we are testing for a new infection prior to the cruise.

<sup>2</sup> Boarding date: Defined as the day you initially board the ship, either to mobilize gear or to move into your berthing quarters on board.

<sup>3</sup> Pre-boarding health safety measures: Avoid crowded public spaces, and avoid contact with people who have suspected or confirmed COVID-19. Follow CDC guidelines regarding preventative actions in public spaces, during public transportation, and in crowded outdoor public spaces. If you develop any COVID-19 symptoms, obtain a COVID-19 test and, if positive, notify SIO Ship Scheduling for instructions on how to proceed.

<sup>4</sup> If you've recently had COVID-19: If you can provide documentation from an official source indicating the date (not a home antigen test), and are within 90 days of that date, tests can be either a clinical antigen test or a pair of home antigen tests taken a day apart. Without documentation from an official source, but you are within 90 days of when you think you had COVID-19, a clinical antigen test is required (no option for a home test). In either case, if it's been more than 90 days then you need a PCR test.

If during this period, you test positive for COVID-19, or if you had close contact with someone who tests positive, please notify Andrey/Tom/Erin immediately.

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#### SHIPBOARD PROTOCOL

	Location	Action Required
1	Upon initial boarding	Observed antigen test <sup>5</sup> at the gangway
2	In port, working aboard	Daily antigen test
3	At sea	Daily antigen test for the first seven days at sea after leaving port
4	At sea	Maintain oral COVID-19 antiviral medication on board to treat 10% of the embarked personnel if diagnosed
5	At sea, offshore missions	Reserve a two-person stateroom as unassigned, to be used for isolation of COVID+ patients if diagnosed

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#### MOVING ABOARD THE SHIP

The science party will move to the ship on April 8. Science party members may carpool if they choose to and/or utilize a ride share option.

Ensure you have everything you need and all of your belongings with you as you will not be leaving the vessel once you board until your scheduled debarkation at the end of the cruise. Berthing, food, etc. will all be provided onboard. The ship will depart San Diego on April 9.

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#### MASKING

##### General Guidelines for Masking Indoors

Masking is currently required indoors in all indoor areas for those who:

- Are completing their isolation after testing positive for COVID-19<sup>6</sup>
- Have been exposed to COVID-19 (must mask for 10 days)<sup>7</sup>
- Are symptomatic but test negative for COVID-19 (must mask until symptoms resolve)
- Scripps encourages anyone who feels more comfortable continuing to wear a mask to do so, as masking remains one of the easiest and most effective ways to reduce the spread of the virus.

##### General Guidelines for Masking Outdoors

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<sup>5</sup> Scripps will provide all tests outlined in the table above

<sup>6</sup> For more information on isolation, please visit:

<https://www.cdc.gov/coronavirus/2019-ncov/your-health/isolation.html>

<sup>7</sup> For more information on what to do if you were exposed to COVID-19, please visit:

<https://www.cdc.gov/coronavirus/2019-ncov/your-health/if-you-were-exposed.html>

Masking is currently optional while outdoors, unless you have been exposed to the SARS-CoV-2 virus.

## S-MODE POINTS OF CONTACT

1. Chief Scientist  
Andrey Shcherbina  
University of Washington  
Mobile: (206) 427-1062  
Email: [shcher@uw.edu](mailto:shcher@uw.edu)
2. PI  
Tom Farrar  
Cell: (508) 524-0501  
Email: [jfarrar@whoi.edu](mailto:jfarrar@whoi.edu)
3. Project Management  
Erin Czech, S-MODE Project Manager  
Cell: (650) 499-6406  
Email: [erin.czech@nasa.gov](mailto:erin.czech@nasa.gov)

## OPERATIONS

### R/V SALLY RIDE

Information on R/V Sally Ride:

- [Handbook](#)
- [Specifications](#)
- [Scientific Berthing Plan](#)
- [Deck and Lab Spaces](#)

### COMMUNICATIONS

A daily plan of the day (POD) and any other pertinent information regarding the S-MODE field campaign will be shared on multiple platforms, including email, the [ESPO S-MODE website](#), and the [UW S-MODE Google Drive](#).

If you are having trouble accessing any of these platforms or need to be added to the email list serve, please contact [erin.czech@nasa.gov](mailto:erin.czech@nasa.gov).

## GENERAL CRUISE SAFETY

[UNOLS RVOG Safety Training Manual](#)

## LODGING

### HOLIDAY INN SAN DIEGO - BAYSIDE

For Sally Ride mobilization in San Diego, CA, ESPO has set up a room block at the **Holiday Inn San Diego - Bayside**. Rates are \$181 + tax nightly.

Reservations can be made by clicking on the link below or calling 1-800-662-8899 and identifying yourself as part of the **S-MODE Research Cruise** group. Please note the cutoff date for the room block listed below. After the cutoff date, rates and availability may no longer apply.

[Book your reservation for the Holiday Inn San Diego - Bayside](#)

If you have any lodging questions, please email [sommer.nicholas@nasa.gov](mailto:sommer.nicholas@nasa.gov).

#### **[Holiday Inn San Diego - Bayside](#)**

Address: [4875 N Harbor Dr, San Diego, CA 92106](#)

When: April 4 - April 9, 2023

Last Day to Book: Saturday, March 11, 2023

Room Rate: \$181 per night

Front Desk: 619-224-3621

### WATERFRONT HOTEL - JDV BY HYATT

For Sally Ride de-mobilization in Alameda, CA, ESPO has set up a room block at the **Waterfront Hotel - JDV by Hyatt**. Rates are \$195 + tax nightly.

Reservations can be made by clicking on the link below. Please note the cutoff date for the room block listed below. After April 3rd, rates and availability may no longer apply.

[Book your reservation for the Waterfront Hotel - JDV by Hyatt](#)

The link above goes to a standard reservations page with the appropriate group code preloaded.

Arrival and departure dates will default to 4/30 - 5/9, so please update the dates to what you need. Our room block is officially for 5/3 - 5/5, but it is Hyatt policy to offer a few additional days on either side of that block. Adjust your arrival and departure dates and click "Find Rooms." Select a room type, and input your personal details to complete the reservation.

If you have any lodging questions, please email [sommer.nicholas@nasa.gov](mailto:sommer.nicholas@nasa.gov).

#### **[Waterfront Hotel - JDV by Hyatt](#)**

Address: [10 Washington St, Oakland, CA 94607](#)

When: May 3 - May 5, 2023

Last Day to Book: Monday, April 3, 2023

Room Rate: \$195 per night

Front Desk: 510-836-3800

## LOCAL MEDICAL AND EMERGENCY INFORMATION

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EMERGENCY ROOM - SAN DIEGO, CA

### **[Scripps Mercy Hospital San Diego](#)**

[4077 Fifth Ave. San Diego, CA 92103](#)

Phone: 619-294-8111

Emergency care is available 24 hours a day, seven days a week. If you are having a medical emergency, call 911.

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EMERGENCY ROOM - ALAMEDA, CA

### **[Alameda Hospital](#)**

[2070 Clinton Ave. Alameda, CA 94501](#)

Phone: 510-522-3700

Emergency care is available 24 hours a day, seven days a week. If you are having a medical emergency, call 911.