R/V *SAVANNAH*
PRE-CRUISE FORM

Skidaway Institute of Oceanography
10 Ocean Science Circle
Savannah, GA 31411

Date of Last Revision 10 March 2026

Ship Contacts

Marine Superintendent
John Bichy
Office: 912-598-2456
Fax: 912-598-2310
Email: jbichy@uga.edu

Captain
Trevor Dodge (TJ)
912-598-2456
Email: trevor.dodge@skio.uga.edu

Marine Technician
Morgan Hudgins
Cell: 252-571-1596
Email: morgan.hudgins@skio.uga.edu

Date Submitted _____

Date of Revision(s) _____

Chief Scientist Contact

Name _____

Organization _____

Email _____

Phone _____

Itinerary

Load/Unload Port _____

Load Date/Time _____

Departure Date/Time _____

Return Date/Time _____

Unload Date/Time _____

Load or unload overnight accomodations requested?

Yes ◯ No ◯

Explain accomodations request:

Diver Operations Required? Yes ◯ No ◯

Collection Permit Required? Yes ◯ No ◯

Reminder:
Complete the Cruise Participant List and Berthing Bill along with this form

Project Information

Project Title _____

Source of Funding _____

Secondary Projects _____

Cruise Objectives

Science Crew

Number of Science Crew _____

Dietary Restrictions / # of Crew

- ☐ Vegetarian _____
- ☐ Pescetarian _____
- ☐ Vegan _____
- ☐ No Dairy _____
- ☐ No Gluten _____
- ☐ Other _____

Explain _____

Science personnel medical concerns Yes ◯ No ◯

Any science crew member with medical concerns must contact Marine Superintendent and/or Captain well in advance of cruise. Certain medical conditions may require physician approval prior to boarding.

Area of Operations

Describe the area of operations and general cruise track. Send all station coordinates in a separate file to Ship Contacts (see page 1)

Lithium Batteries

Please declare lithium batteries brought onboard for scientific use and speak with the marine technician and first mate about storage and safety prior to departure.

Lithium Batteries Yes ◯ No ◯

Batteries	Size	Quantity
Primary		
Secondary		

Lithium Battery Storage Container Description:

Chemicals Used Onboard

Portable Fume Hood needed? (33.5 L x 21" W x 24" H)

(Internal height 23.6") Yes ◯ No ◯

Chemical Name	Chemical Formula	Quantity

Radio Isotopes

Are R-Isotopes in use? Yes ◯ No ◯

Rad-Van Required? Yes ◯ No ◯

List Isotopes _____

Freezer and Refrigeration

Provided under bench unit in wet lab.

Freezer Space - 5.0 cf (33.5"x21.75"x24.5")

Quantity Needed: 0

Refrigeration Space - 7.0 cf (34"x24"x24")

Quantity Needed: 0

Additional freezer/fridge space available upon request. List requirements below.

Unmanned Aerial Systems (UAS) - Drones

UAS Operations Requested Yes ◯ No ◯

Pilot Name _____

Pilot FAA Certificate No. _____

Vehicle Insurance? Yes ◯ No ◯

Vehicle Weight (kg) _____

Do science objectives include UAS or drone flights?

Yes ◯ No ◯

If yes, pilot must be FAA certified and UAS must be registered with FAA. Please read UAS policy in Cruise Planning Manual or contact Marine Superintendent for more information on using UAS aboard the RV Savannah.

Science Supplied Overboard Systems

Please list all science packages and weights (lbs in air) planned for deployment and/or recovery.

Equipment Description	Weight (in air lbs)

Support Needs

Describe any specific ship crew support required at sea for overboard operations. All winches/frames operated by ship crew only.

Ship Supplied Scientific Instrumentation and Equipment

Sampling Equipment*

Nets

- ☐ 8.2m Otter Trawl Net
- ☐ Bongo Plankton Net 150um
- ☐ Paired Bongo Net 280 and 950um
- ☐ Neuston Net 950um

Sediment Samplers

- ☐ Large Sediment Grab (60cm^2)
- ☐ Medium Sediment Grab (50cm^2)
- ☐ Small Sediment Grab (30cm^2)
- ☐ Van Veen Benthic Grab (100cm^2)
- ☐ Shipek Bottom Sampler (40cm^2)
- ☐ Single Tube Corer
  (30cm x 7cm cylindrical core tubes)
- ☐ Large Box Corer
  (20" x 30" boxes, weight = 1,581lbs w/o boxes, 67" L x 67" W x 93" H)
- ☐ MC-400 Multi-Corer

Miscellaneous

- ☐ Live-well Tub
- ☐ Pot Hauler and Davit
- ☐ Port-side Pole mount - sonar
- ☐ Acoustic Release
- ☐ Ultra-Pure Water Maker
- ☐ Flow-through Incubators
- ☐ Handheld Water Sampler Bottle (8L)

CTD Carousel Equipment

- ☑ Temperature
- ☑ Salinity
- ☑ Depth
- ☑ Water Column Depth
- ☑ Oxygen %
- ☑ CDOM Fluorescence
- ☑ Chlorophyll Fluorescence
- ☑ Backscatter
- ☑ PAR

CTD Sensors (Upon Request)**

- ☐ 10 cm Transmissometer
- ☐ 25 cm Transmissometer
- ☐ ISUS Nitrate Sensor
- ☐ pH Sensor
- ☐ Niskin Water Sample Bottles (8L) request up to 11

# of bottles requested _____

Deepest Cast Planned _____m

ADCP Configuration

- ☐ 300 kHz
- ☐ 600 kHz

CORIOLIX - Remote Monitoring

- ☑ Enable Coriolix

Enabling CORIOLIX allows shore-based users to view real-time data and download transmitted datasets during the cruise.

SCS Surface Mapper Standard Equipment

- ☑ GPS Postion
- ☑ Ship Gyro Heading
- ☑ Ship Speed
- ☑ Water Depth
- ☑ Surface Salinity
- ☑ Surface Temperature
- ☑ CDOM Fluorescence
- ☑ Wind Speed
- ☑ Wind Direction
- ☑ Air Temperature
- ☑ Relative Humidity

Flow-Through Instumentation (Upon Request)

- ☐ ACS - Spectral Absorbtion and Attenuation
- ☐ AFT - C02
- ☐ AFT - pH
- ☐ C-Star - 25cm Transmissometer
- ☐ ECO BB3 - Backscatter
  (412nm, 532nm, 676nm)
- ☐ ECO BB3 - Backscatter
  (440nm, 595nm, 700nm)
- ☐ ECO BB3 - Backscatter
  (470nm, 630nm, 715nm)
- ☐ LISST200x- Particle Size Analyzer
- ☐ MiniTDGP- Dissolved Gas N2
- ☐ Oxygen Optode
- ☐ SUNA V2 - Nitrate

☐ **Flow-Through Filtration System:**
Filtered seawater is used for reference or blank measurements. Filtration operates automatically, filtering seawater for 15 minutes every hour. Includes 1µm pre-filter and 0.2µm primary filter.

* For full list on shared use equipment consult http://www.skio.uga.edu/marine-ops-2/rv-savannah-2/

** Not all sensors can be fitted to carousel together. Please contact marine technician to check for compatibility.

Other Cruise Note/Info

Please add any additional info or notes needed not covered in previous sections

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