



# **Pre-Submittal Conference:**

# **USS Yorktown Environmental Assessment**

**(D30-N021-MJ)**

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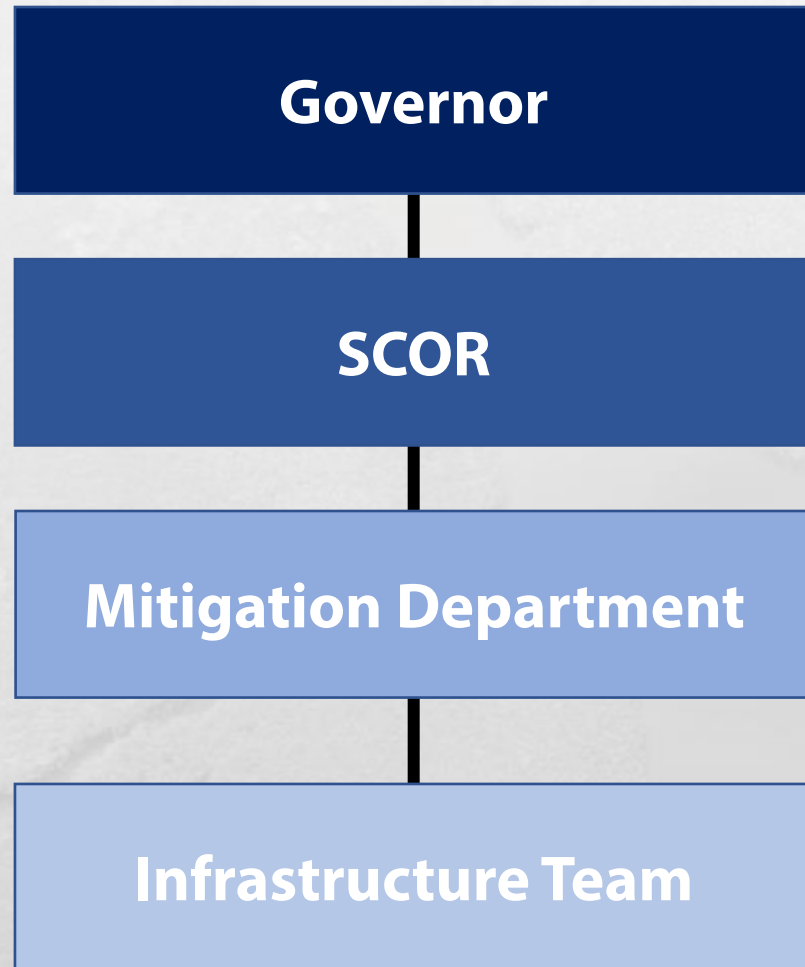
August 3, 2022  
South Carolina Office of Resilience (SCOR)

**PATRIOTS POINT**  
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# SCOR Project Management



## Key Staff:

Ben Duncan, Chief Resilience Officer

Ran Reinhard, Mitigation Department Director

Pam Kendrick, Infrastructure & Environmental Program Manager

**\*Karen Olson, Project Manager**

Margaret Jordan, Office of State Engineering (OSE)

Mike Hastings, Patriots Point Development Authority (PPDA)



# USS YORKTOWN



The Yorktown is currently moored in the Charleston harbor with the keel buried to a depth of approximately 28 feet in soft bottom silt. Above the silt line, there is open water on the port side and tidal marsh on the starboard side that allow the ship's hull to be subjected to tidal ebb and flow. Localized areas of the ship's hull, particularly in the tidal splash zone, have experienced extensive corrosion with significant through hull penetration. It is anticipated that the Yorktown will require significant repairs for it to remain a viable museum for the foreseeable future.

# USS YORKTOWN



The USS Yorktown Environmental Assessment project, involves the identification of all contaminants and the design of a mitigation plan for the estimated 100,000 gallons of fuel in approximately 129 tanks and compartments. In many of these compartments, the fuel is combined with 1.75 million gallons of water. There are also 3000 gallons of hydraulic and lubricating oils throughout the ship. Additionally, some known contaminants on the vessel include, but may not be limited to, the polychlorinated biphenyls (PCBs) in some of the hydraulic fluids, lubricating oils, caulks, greases, electrical wiring, and in a large portion of the wooden flight deck.



# USS YORKTOWN



At the time of the Yorktown's deactivation, the extensive procedures prescribed by the Navy today, S9086-BS-STM-010 [0910-LP-104-3949, rev 3] were not in place. Consequently, the Yorktown still contains significant quantities of potentially hazardous materials. The objectives of this environmental assessment for the Yorktown are to comprehensively identify and inventory the types and quantities of these materials currently on the vessel, provide current study cost estimates, and prepare drawings and specifications for future remediation and environmental cleanup bid should funding become available.

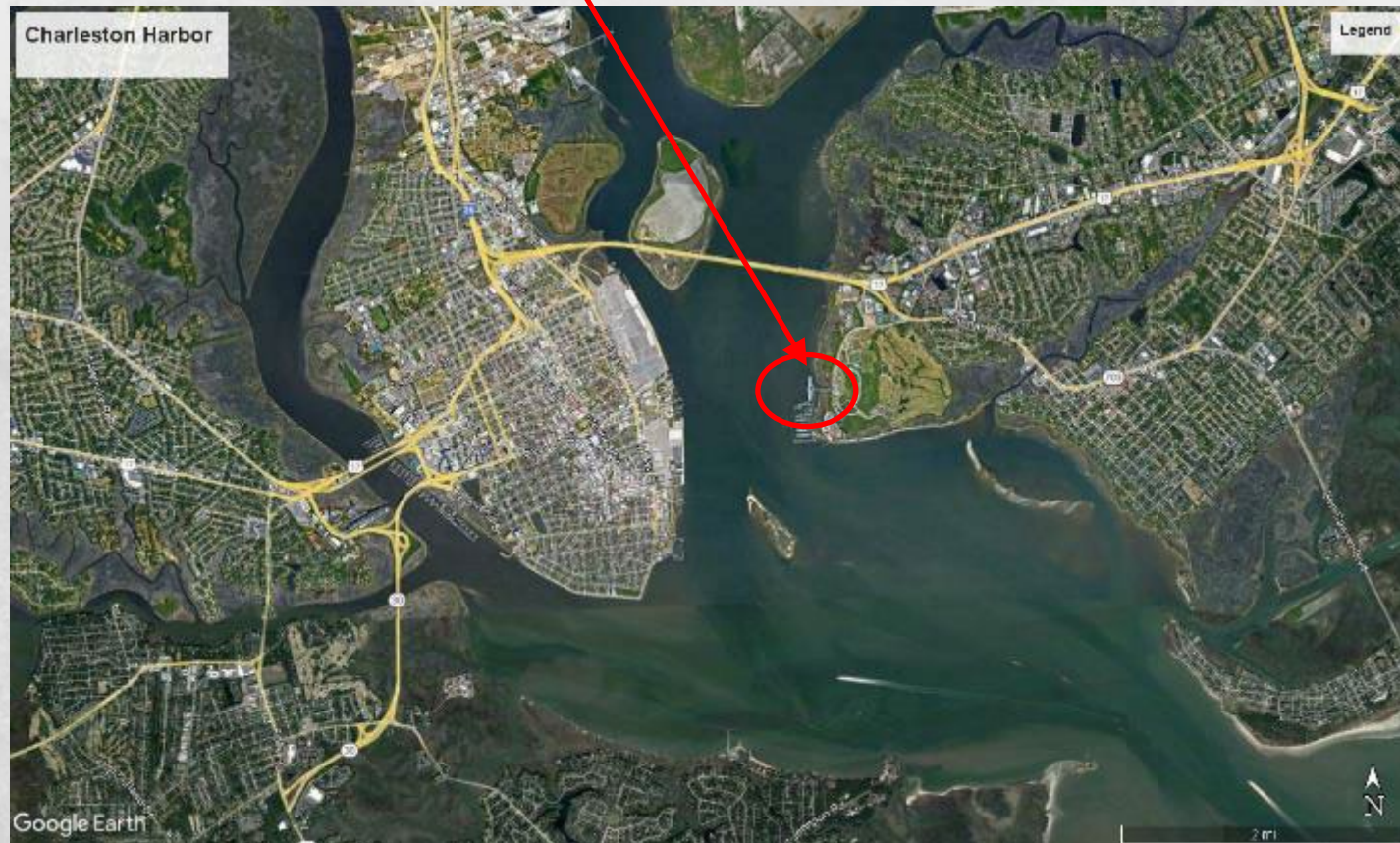


# USS YORKTOWN Location

## PATRIOTS POINT NAVAL & MARITIME MUSEUM



Charleston Harbor





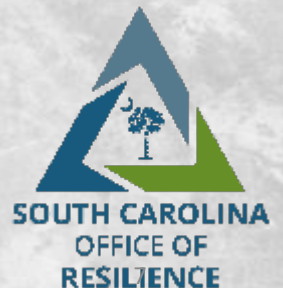


# Executive Order

## EXECUTIVE ORDER NUMBER 2022-20

July 11, 2022

- Governor McMaster authorized and directed the South Carolina Office of Resilience, in consultation with and with the assistance of the (Patriots Point Development) Authority and any other relevant state agencies and departments, to commission, perform, procure, conduct, or obtain an updated comprehensive review, evaluation, analysis, or assessment of any and all remaining legacy contaminants that are currently contained within the USS Yorktown and option or plans to remove or remediate any such hazardous or potentially hazardous materials, including an updated estimate of the corresponding costs.
- This study will be funded by the South Carolina Resilience Reserve Fund



# Project Schedule







# Additional Project Information

1. Structural Assessment of the USS Yorktown CV-10 (2015)
2. Mitigation Plan USS YORKTOWN ENVIRONMENTAL STUDY (2013)
3. NAVAL SHIPS' TECHNICAL MANUAL [SGML VERSION; SEE CHANGE RECORD]  
READINESS AND CARE OF INACTIVE SHIPS

Available at <https://scor.sc.gov/ussyorktown>

# Project Overview

## Scope of Work and Deliverables:

- Perform an Environmental Study
  1. Catalogue all areas, tanks, and compartments within the USS Yorktown
  2. Identify all areas, tanks, and compartments that may be contaminated and provide a plan detailing how to access all areas
  3. Identify all environmental contaminants presently found or likely to be found on the USS Yorktown
  4. Prioritize the hazards of each contaminant to the environment and people
  5. Provide a preliminary updated cost estimate to mitigate each type of contaminant
  6. Submit the Study to SCOR
  7. Need to hold a public meeting to inform the public on the study
- Prepare an Environmental Document pursuant to the NEPA
- Prepare bid documents pursuant to the South Carolina Office of State Engineer (OSE)
- Prepare a detailed cost estimate for the mitigation
- Identify necessary permits for the mitigation



# Questions and Answers

**Q.** Are SF 330's required? The SF 330 was mentioned on the SE-210 form but not the RFQ; please confirm.

**A.** SF 330's are required

**Q.** Will SCOR be able to provide access to previous studies, etc.?

**A.** Yes, as mentioned in the presentation.

**Q.** The SE-210 form states that electronic submittals via email are acceptable. However, the RFQ asks for hard and electronic copies. Please confirm what is required.

**A.** An RFQ needs to include both hard and electronic copies.

**Q.** Are timeframe commitments driving the schedule as proposed?

**A.** Yes. The Governor's office has committed to completing the study expeditiously.

**Q.** When are the proposals due?

**A.** August 22, 2022, at 3PM

# Questions and Answers

**Q.** What is the team selection timeframe?

**A.** SCOR anticipates selection in September 2022

**Q.** How are team selection criteria weighted?

**A.** The final selection will be based on SC Office of State Engineer's Evaluation, SE-215

**Q.** What are the specific requirements for submission? (i.e., Page limits, font size, etc.)

**A.** Print size shall be 12 pt. font minimum, on 8½ by 11 paper, double-sided, and must include all the information required in this RFQ and may include any additional information that the A/E deems pertinent to the understanding and evaluation of its response. Provide a cover page that includes Company Name, Address, Point of Contact (Email Address and Phone Number); RFQ D30-N-021-MJ USS Yorktown Environmental Assessment; SAMS Unique Entity Identifier, Date of Submission, and include signed certification. Though there is no page limit, please be concise.



# Questions and Answers

**Q.** Has SCOR already coordinated with other State agencies in advance of this RFQ?

**A.** No, but we have coordinated with the PPDA.

**Q.** If the specific agency does not respond to our request for information, will the SCOR assist in requesting this information?

**A.** Yes. And the Governor's Executive Order No. 2022-20 directs all state agencies, departments, or officials called upon for assistance by SCOR to cooperate with, accommodate, and assist SCOR with any and all data, information, documents, or materials.

**Q.** Is there a requirement for public involvement/comments in the development of the final plan?

**A.** Yes. A Public meeting for the project will be held after the submittal of the study. Public comments will also be collected for the Environmental Assessment.



# Questions and Answers

**Q.** Are there any discharges outside of the USS Yorktown that need to be assessed; i.e., sediment sampling where the USS Yorktown sits?

**A.** Not that we are aware of. Sampling outside the ship may be required.

**Q.** Would a contractor that completes the planning, engineering and design services for the assessment become ineligible from bidding on, or for completing any portions or full scope of the future remediation cleanup work?

**A. No.** You are ineligible to bid on the contract if you have done the planning, engineering, and design, by South Carolina Law. Please remember, there is no funding source for the remediation and cleanup.

**Q.** For us to better organize and prepare our resources, what are the project's anticipated clean-up and mitigation budget?

**A.** The preliminary estimate is \$30M to \$80M





# Questions?

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