



**Appendix 7-C: Report for the Underwater Cultural Resource Review of
the Champlain Hudson Power Express, Harlem River Marine Segment
Investigations**

CONTAINS REDACTED INFORMATION IN CASE 10-T-0139

**REPORT FOR THE UNDERWATER CULTURAL
RESOURCE REVIEW OF THE CHAMPLAIN
HUDSON POWER EXPRESS, HARLEM RIVER
MARINE SEGMENT INVESTIGATIONS**

**Prepared for:
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EXECUTIVE SUMMARY

This report focuses on the Underwater Cultural Resource Review of the Champlain Hudson Power Express (CHPE), Harlem River Marine Segment Investigations. The report presents the review, analysis, and results of the underwater cultural resource work conducted in support of the Harlem River Marine Segment of the CHPE Project. The goal of the work is to identify potential underwater cultural resources within the Marine Route Survey (MRS) of the Harlem River Marine Segment.

The investigations were carried out at the request of, and under contract order from TRC Environmental Corporation (TRC) (CO 200749). The work discussed in detail below for the Project, utilized underwater archaeologists who meet the *Secretary of the Interior Professional Qualifications Standards* as defined and officially adopted in 1983 (48 FR 44716, September 29) and the *National Historic Preservation Act* (NHPA) Section 112 and the Section 106 regulations, at §800.2(a)(1) for archaeological resources investigations. The investigation was conducted in accordance with the requirements of the New York State Historic Preservation Office (NYSHPO). Assessment of cultural resources and historic properties adhered to the definition in the NHPA, and per regulations issued by the Advisory Council on Historic Preservation (ACHP).

In this report, an overall evaluation of the underwater cultural resources included in the CHPE Harlem River MRS, which is the survey corridor examined by Ocean Surveys, Inc. (OSI). This report characterizes the resources identified along with discussion of their archaeological and historic significance. This report will aid in the clearance of the entire line in the New York State waters of the Harlem River.

Underwater cultural resources are in proximity to the Harlem River Marine Segment. Generally, for the underwater cultural resources located within the Area of Potential Effect (APE) of the Harlem River Marine Segment, avoidance is recommended. The APE for previous investigations of the CHPE Lake Champlain and Hudson River Segments was within 500 feet (152 meters) of the CHPE submarine power cable. For avoidance of underwater cultural resources, the Lake Champlain Maritime Museum (LCMM) has previously recommended the Project use an avoidance buffer of 164 feet (50 meters) around submerged cultural resources for cable routing and during construction activities. Due to the constraints of the width of the Harlem River from the western and eastern pierhead lines along with potential obstacles to construction (i.e., bridge supports) including the locations of some of the identified underwater cultural resources, a different avoidance buffer measurement is proposed. For this segment of the Project, due to the constraints of the Harlem River, LCMM recommends a 150-foot (45 meter) buffer around the submerged cultural resources identified in this report for cable routing and during construction activities.

Consultation with the NYSHPO is advised to discuss the planned avoidance measures for any underwater cultural resources identified in this report where the cable installation activities would occur within the 150 feet (45 meters) avoidance buffer.

The remainder of this document contains confidential commercial information, trade secrets, and/or proprietary information and as such is entitled to confidential treatment under Section 87(2) of the New York State Public Officers Law and the Commission's regulations (16 NYCRR 6-1). An unredacted version of this document has been submitted under separate cover to the Records Access Officer.