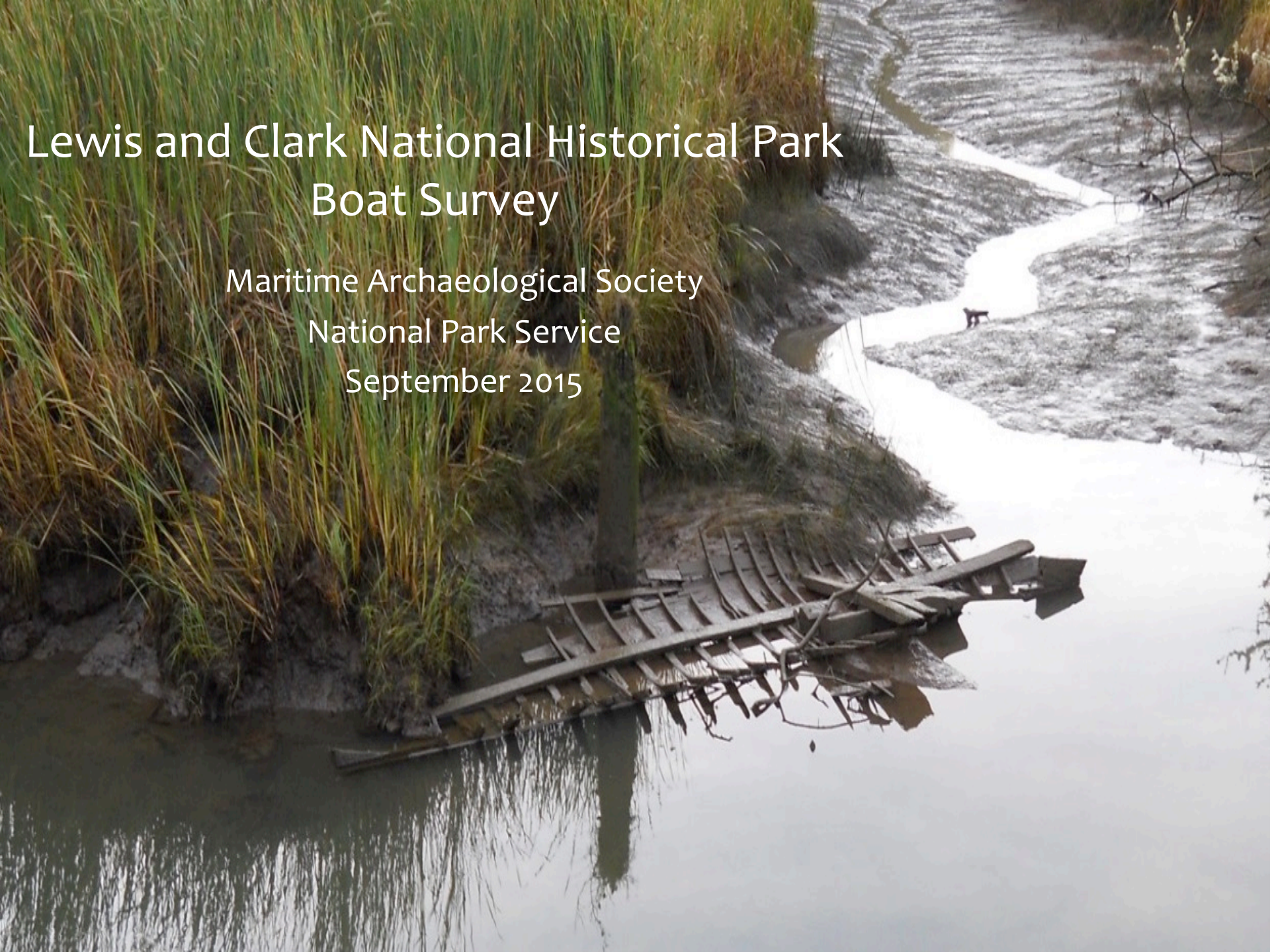


# Lewis and Clark National Historical Park Boat Survey

Maritime Archaeological Society  
National Park Service  
September 2015





# The Project



- \* In September 2015, Lewis and Clark National Historical Park cultural resource staff with the assistance of Maritime Archaeological Society (MAS) members documented the remains of a semi-submerged wooden boat in the park's Fort Clatsop Unit.
- \* The project was undertaken to provide baseline documentation of previously unrecorded park cultural resources and provide a training opportunity for MAS members.

# Research Questions

In consultation between NPS and MAS, research questions to be answered by this project were developed. These included:

1. What is the identity of the boat?
2. When was the boat built?
3. For what purpose was the boat used?
4. Who owned the boat?
5. How did the boat get to its current location?



# Boat Survey

- \* During low tide on the morning of September 15th, 2015, MAS volunteers, Chris Dewey Cameron Brister, Jennifer Kozik and Tim Robertson and NPS cultural resource staff person Rachel Stokeld documented the boat frame. Measurements of the boat's remaining structural components were compiled.
- \* Notes and photodocumentation of construction details, the boat's orientation and condition were taken. Site conditions including deep muck limited access to some portions of the boat, especially the northern side.





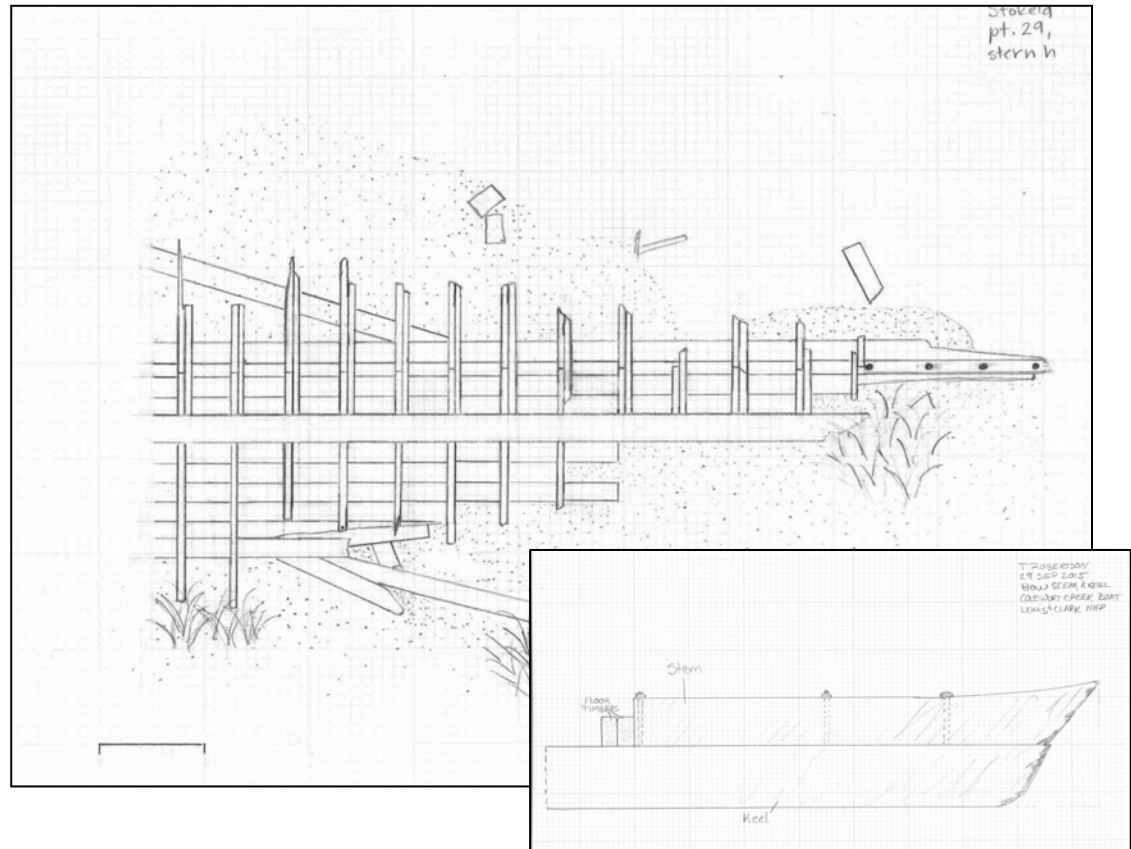
# Boat Survey

- \* From the field documentation, two particularly informative details about the boat's form emerged.
- \* Based on the location of the engine mount, 180 cm (5.9 ft.) from the stern, the team suspected this was a square- or transom-stern vessel. The total length of the boat remains was 7.23 m (23.7 ft.), consistent with a gillnet vessel.



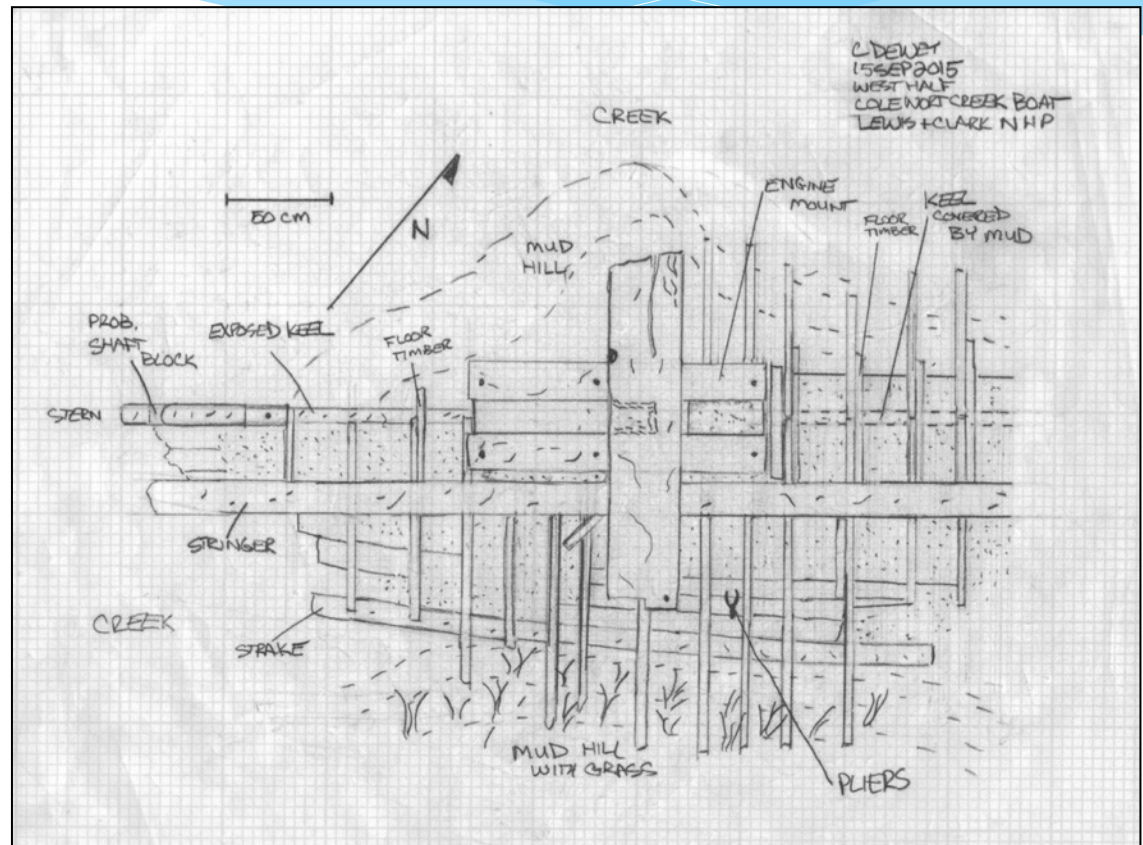
# Bow Section Drawing

- \* From the gathered data, scaled drawings of the boat were produced, including plan views of the vessel and a profile of bow structure.



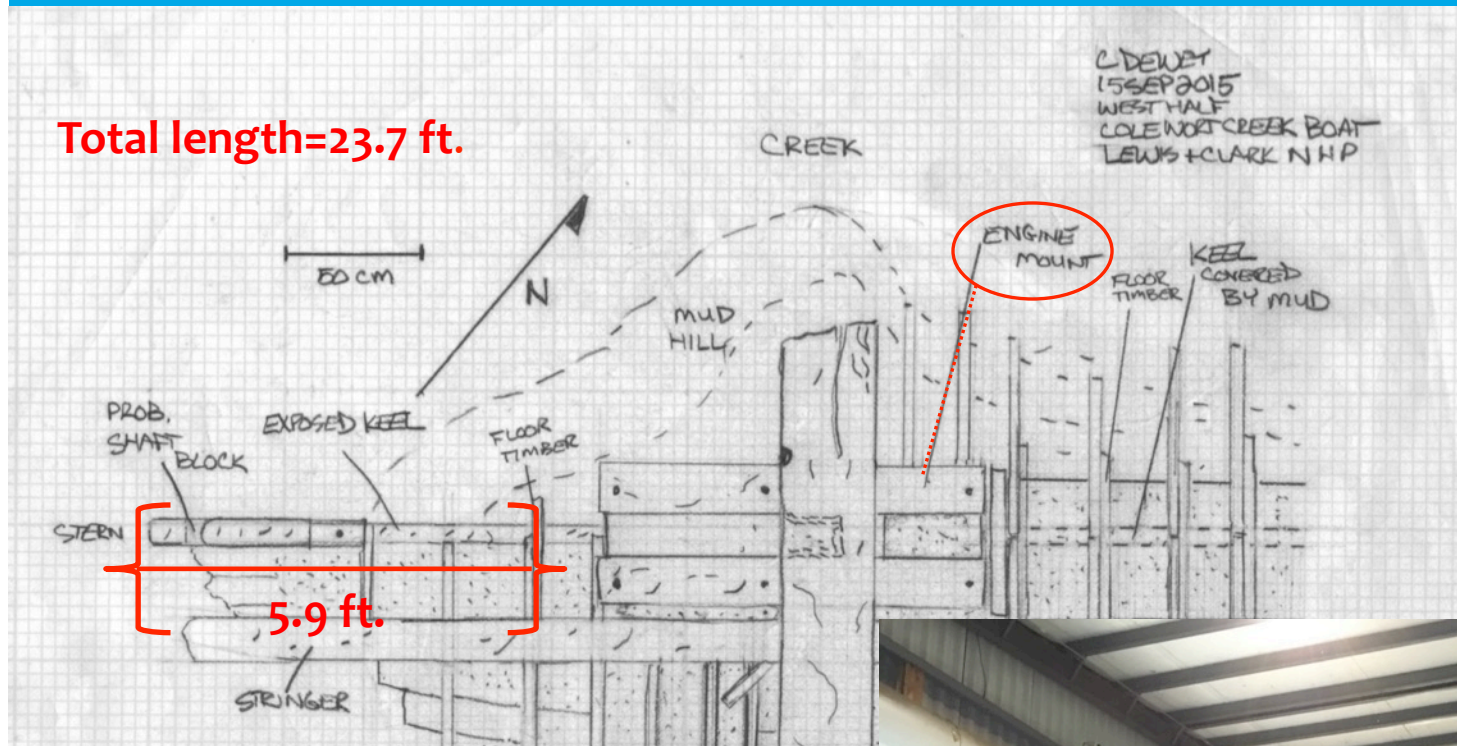
# Stern Section Drawing

- \* The remaining structural components that were identified include: the stinger or strake, floor timbers, keel, ribs, engine mount, and shaft block.





Total length=23.7 ft.



- \* On November 16, 2015, MAS researchers visited the Columbia River Maritime Museum (CRMM) to compare the boat drawings to vessels in the museum's collections in an attempt to identify the type of boat documented, its use, and its likely age.
- \* The team observed that engine mounts on square-sterned gillnet boats in the museum collection were significantly forward of the engine mounts on double-ended gillnet boats.
- \* The similarity in this regard between the CRMM's square-sterned gillnetters and the measurements of the boat, **verified the field determination that the boat was likely a square-sterned gillnet boat.**





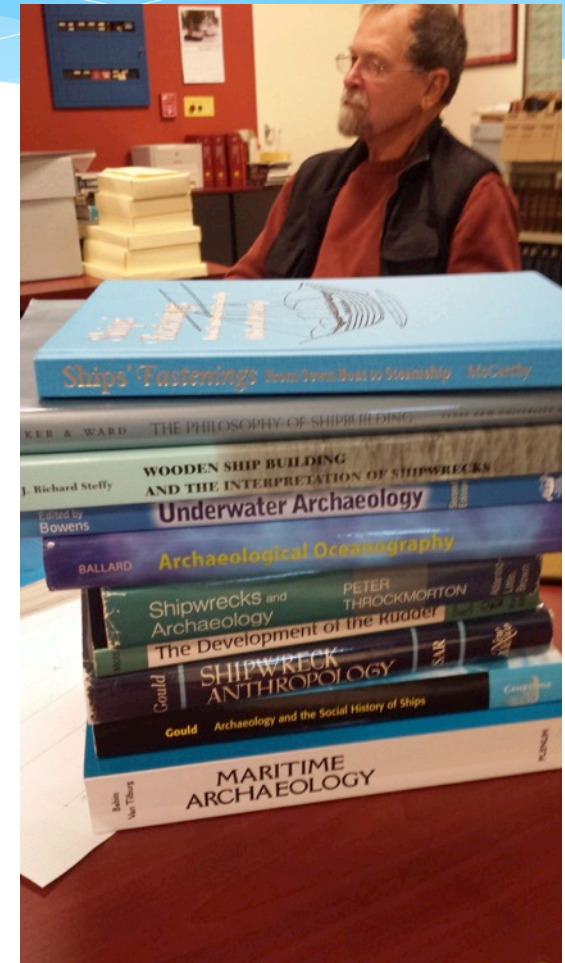
# Oral History and Conclusions

- \* The MAS research team was able to locate a local descendant of the former landowners of the parcel adjacent to the boat's current location, Mr. Melvin Lampi.
- \* On November 23, 2015, Rachel Stokeld of the NPS and Cameron Brister of MAS conducted an oral history interview with Mr. Lampi. He provided information on his family's activities at the site during their ca. 1914 to the late 1940s occupancy. They had operated a dairy on the site and used a boat to carry milk from their dairy to customers in Astoria prior to the existence of roads in the area.
- \* While Mr. Lampi does not remember the boat himself, he provided photographs of his family's boat and added that he believes the boat to be the abandoned remains of his family's boat. The boat in the photos is a square-sterned vessel.



# Report to Oregon State Archaeologist

- \* MAS and NPS submitted a detailed report to the Oregon State Archaeologist
- \* Oregon State Archaeologist assigned a site designation 35CLT00128





# Contact



[www.MaritimeArchaeological.org](http://www.MaritimeArchaeological.org)

[MaritimeArchaeological@gmail.com](mailto:MaritimeArchaeological@gmail.com)

Facebook: Maritime Archaeological Society