



Survey Vessel CATLETT

Baltimore District Fleet

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG.

Survey Vessel CATLETT

Survey Vessel CATLETT is Baltimore District's newest working vessel, having been built in 2017. It operates out of Baltimore District's Fort McHenry Yard and is the largest survey vessel in the District's Hydrographic Survey Section. It regularly surveys navigation channels in and around the Upper and Lower Chesapeake Bay, including shipping lanes associated with the Port of Baltimore, as part of the Corps' mission to ensure safe navigation in the region's channels.

Survey Vessel CATLETT features the latest in surveying technology and can collect data using single- or dual-frequency transducers as well as multi-beam sonar. Transducers are mounted on a strut and lowered through a moon pool between the catamaran hulls.



Survey Vessel CATLETT is based out of Baltimore District's Fort McHenry Yard and surveys channels in and around the Chesapeake Bay and its tributaries as part of the Corps' mission to provide safe and efficient marine navigation. (File Photo)

Hydrographic Surveying Mission

Baltimore District's Hydrographic Survey Section actively supports the maintenance of more than 100 Federal navigation projects on the Chesapeake Bay and its tributaries. In addition to high-visibility channels that comprise the main Baltimore Harbor and Channels project, many of the District's navigation projects are relatively remote, shallow-water projects that support a local commerce and fishing industry. Many of these projects are located near the Eastern Shore of the Chesapeake Bay and up through the tidal Potomac River.

Survey vessels conduct various kinds of surveys. They conduct periodic project condition surveys on all active projects to evaluate their current condition and to determine if any dredging may be required. If maintenance dredging is necessary, then they must also conduct a pre-contract survey, an immediately before dredge survey, and an immediate after dredge survey. Because the dredge-related surveys are used to accurately determine the extent of dredge work necessary and also as the basis for final dredge contractor payment, they must meet strict accuracy standards and need to be fully processed in near real time.

Vitals on *Survey Vessel CATLETT*

- Built – 2017
- Length Overall – 61'-4" feet
- Beam (width) Overall – 23'-11" feet
- Draft – 3'-2.5" feet
- Weight – 35.5 tons (with equipment)
- Hull – Aluminum
- Builder – Technology Associates Inc., New Orleans, La.
- Horsepower – 1000 BHP per engine, two engines
- Top Speed – 38 knots (~43.7MPH)
- Cruising Radius – 400 NM (~347 miles)

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