



# Marine Safety Information Bulletin

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## Recommendation for DUKW Passenger Vessel Canopy Removal

The Coast Guard recommends that vessel owners and operators of DUKW passenger vessels remove canopies, side curtains, and associated overhead framing to improve emergency egress for passengers and crew.

On July 19, 2018, the DUKW-type amphibious passenger vessel *Stretch Duck 7* encountered a storm and sank while carrying passengers on a Missouri lake. The National Transportation Safety Board (NTSB) is the lead federal agency for the marine casualty investigation, and the Coast Guard is conducting a Marine Board of Investigation (MBI) to determine potential causal factors associated with this tragedy along with applicable regulatory or policy recommendations.

Following the sinking of the DUKW *Miss Majestic* in 1999, the NTSB and Coast Guard found the vessel, like many small passenger vessels certificated for similar routes and operating conditions, lacked sufficient reserve buoyancy to remain afloat and upright when flooded. Additionally, the canopy and side curtains on the *Miss Majestic* restricted passenger egress. In response, the Coast Guard developed [Navigation and Vessel Inspection Circular \(NVIC\) 1-01](#) "Inspection of Amphibious Passenger Carrying Vehicles" which detailed operational requirements and laid out an equivalent level of safety to other vessels certificated under 46 Code of Federal Regulations Subchapter T for items such as modifications to the side curtains to improve emergency egress.

During the preliminary NTSB investigation of the *Stretch Duck 7* incident, the Agency reissued safety recommendation M-19-016 to the Coast Guard regarding the removal of canopies on DUKW vessels that lack sufficient reserve buoyancy to stay afloat when flooded. The preliminary findings of the Coast Guard's *Stretch Duck 7* MBI align with the NTSB's recommendation to remove DUKW canopies in order to ensure emergency egress is not impeded. Owners and operators opting to remove canopies shall work with their local Coast Guard Officer in Charge of Marine Inspection (OCMI) and the Marine Safety Center to arrange an inspection and stability review prior to recommencing operations. All vessel operators are reminded that they should always follow the requirements listed on the vessel's Certificate of Inspection (COI), paying particular attention to wind and wave restrictions to ensure they will not be exceeded for the duration of each voyage.

The Coast Guard will consider implementation of further safety measures for DUKWs at the conclusion of the MBI, and initiate a policy update to NVIC 1-01 with input from public and industry stakeholders.

Questions concerning this notice may be forwarded to Coast Guard Office of Commercial Vessel Compliance, Commandant (CG-CVC), by email to [CG-CVC@uscg.mil](mailto:CG-CVC@uscg.mil).

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