

# HAYNES MARRS & ASSOCIATES, LLC

Serving the Marine Industry Since 2009

Jan T. Haynes NAMS – Owner and Principal Surveyor

Mobile [REDACTED]

Kevin D. Towery NAMS-CMS – Vice President

Mobile [REDACTED]



## REPORT OF DAMAGE SURVEY

### MOTOR VESSEL "CAPT. KIRBY DUPUIS"

**OFFICIAL NUMBER: 1229999**

**OWNED/OPERATED BY:**

**FLORDIA MARINE INC.**

At the request of Mr. David Goins and for the account of Florida Marine Inc., the undersigned independent marine surveyor did attend the above captioned vessel as it lay afloat at or near mile 502 on the Ohio river near Petersburg, Kentucky.

The purpose of the attendance was to determine to the extent possible what damages, if any, had been inflicted on the vessel as a result of circumstances unknown to the undersigned. It was reported that the Motor Vessel "Capt. Kirby Dupuis" experienced an engine room fire on November 9, 2021, while traveling northbound at mile 502 on the Ohio River.

Further purposes were to note the nature and extent of applicable damages, to properly separate damages inflicted as a result of the subject incident from damages inflicted under other circumstances, to note specifications for proper repair, and to prepare a record of the same.

Date of Survey:  
November 19, 2021

Report No. 10460

Keith Tramble  
Independent Marine Surveyor

The undersigned arrived on site at 1400 and meet with the Captain Clayton Hunt. Mr. Hunt reported that at 0700 hours, the deckhand Eric Leven had returned to the pilothouse after doing his morning walkthrough when the captain noticed flames in the engine room. Around 0710 hours, the crew had deployed six (6) fire extinguishers and the chief had activated the fire suppression system. The Motor Vessel "Kentucky" was in the area that dropped tow and came to assist along with the local fire department.

The undersigned along with Mr. David Goins representing Florida Marine formulated a transit plan. At 1600 hours, the transit plan was deemed acceptable, and the fire department had declared the fire to be extinguished.

Upon examination the following developed:

The M/V "Capt. Kirby Dupuis was found to be an all steel, welded twin-screw, diesel powered tugboat design with two decks and elevated pilothouse. It was built with approximate hull dimensions of 120' x 35' x 11'6". It was powered by a pair of Caterpillar 3512C diesel engines which develop a total of approximately 4000 horsepower through Twin Disc reduction gears with a ratio of 5.04:1.

The fire apparently began in the vessel's lower engine room. The upper and lower engine room bulkheads and overhead were completely burned by the fire as well as the fixtures and equipment in and about the upper engine room.

The adjacent spaces were inspected and found satisfactory and only minor soot staining and noticeable odors.

The upper and lower engine rooms exhibited significant heat, smoke/soot damage, to varying degrees throughout more so to the starboard side. Components of the vessel believed to be affected include, but were not limited to, the following:

- Main Engines
- Generators
- Auxiliary Systems
- HVAC
- Electrical
- Plumbing
- Carpentry/Insulation
- Structural
- Piping Manifolds
- Fire Suppression Equipment
- Reduction Gears

NOTE: Based on the undersigned's inspection of the engine room after the fire was extinguished, it appeared that the area of greatest heat damage was in and around the lower main engine room. The undersigned cannot offer a conclusive opinion regarding the origin of the fire. The extensive fire damage to the area negated one's ability to conclusively suggest the exact origin of the ignition.

The cost of repair could not be determined at this time and would depend on further findings after disassembling the various equipment, reduction gears and engines and inspecting for damage.

The above survey report is submitted by the undersigned independent marine surveyor without prejudice to the rights of all parties concerned.

If you should have further information regarding the repairs and/or questions, please do not hesitate to call.

Sincerely,

Haynes Marrs & Associates, LLC



Keith Tramble  
Attending Surveyor





























