



NORTH AMERICAN MARINE, INC.

**960 DOMINION DRIVE
CLEVELAND, OHIO 44145
(440) 871-0662**

**17A SECORD DRIVE
ST. CATHARINES, ONTARIO L2N 1K9
(905) 682-4515
FAX (905) 934-6808**

On behalf of underwriters at risk, we offer the following recommendations for the pending trip in tow:

1. A crew of at least four persons with one documented to be aboard for the contemplated voyage.
2. Riding crew to be supplied with sufficient food supplies, flashlights, batteries, etc., for the contemplated voyage and an emergency means of embarkation by a ladder secured to the ship's side.
3. All cargo hatches to be closed and secured.
4. All scuttle hatches, gangway doors in engine room, manhole covers to ballast tanks and cabin doors to be properly secured.
5. All ballast tank vents to be closed.
6. Tug boat with sufficient horse power to be provided for contemplated tow.
7. Tow to be assisted in confined waters by an assisting tug boat.
8. Main tow line to employ proper bridle to forecastle bitts.
9. Emergency towline to be provided on tow and made ready for immediate use including bridle to forecastle bitts. Towing pennant may be used in confined waters (all rivers) when second tug is employed. Towing pennant should not be used in open (lake) waters.
10. Communication system to be provided between tug boat and tow.
11. Necessary navigation lights to be provided.

12. Port and starboard bower anchors to be stowed in hawse pipes and made ready for immediate use.
13. Ballast and void tank soundings to be taken and recorded.
14. Stem and stern with 6' x 6" white paint stripe at waterline.
15. Vessel's propeller shaft to be secured to prevent propeller from turning.
16. Vessel's rudder to be securely lashed in amidship position.
17. All sea valves and ballast manifold valves to be secured and locked in closed position.
18. All overboard discharge valves to be secured and locked in closed position.
19. Ship's auxiliary generator to be activated and supplied with sufficient fuel for the contemplated voyage.
20. A 3" portable pump to be aboard with sufficient suction and discharge hose including fuel for emergency use or electric bilge and ballast pump.
21. All loose equipment, including spare parts, oil barrels, paint cans, etc., to be secured and properly lashed.
22. Two 15# CO2 fire extinguishers to be aboard forward and aft (4 total).
23. Stern anchor to be made ready for immediate use.
24. Weather approval for the contemplated voyage to be obtained from North American Marine, Inc., prior to departure of tow from Duluth, Minnesota.

Upon compliance with the above recommendations, the vessel will be in suitable condition for the proposed trip in tow.

Very truly yours,



Jared P. Aquilla---Surveyor