



DEPARTMENT OF TRANSPORTATION
UNITED STATES COAST GUARD

ADDRESS REPLY TO
COMMANDER (MMT)
EIGHTH COAST GUARD DISTRICT
F. EDWARD HEBERT BUILDING
600 SOUTH STREET
NEW ORLEANS, LA 70130
(504)589-6266

16710/HALTER MARINE HUI
375
Ser H2-6610S
9 July 1984

Master, R/V GYRE, O.N. TX 2980 CJ

Subj: R/V GYRE
Stability

Dear Sir:

A stability test, supervised by the U. S. Coast Guard, was conducted on the R/V GYRE, O.N. TX 2980 CJ, Halter Marine Hull 375, at Texas A & M, Galveston, Texas, on 30 March 1984. On the basis of this test, stability calculations have been performed. Results indicate that the stability information contained in the booklet specified below, which has been furnished the Master, is applicable to the R/V GYRE, as presently equipped and manned. This stability information supersedes any material previously furnished the vessel.

Schuller & Allan, Inc. Dwg. No. 2042-D6, Alt. 1, Stability
Booklet for R/V GYRE dated 16 April 1984, bearing U. S.
Coast Guard approval stamp dated 9 July 1984

The booklet's data meet the stability requirements for Part 42, "Load Line Regulations." Such data provide the Master with sufficient stability information for the following purposes:

1. To determine the freeboard for any condition of vessel loading.
2. To obtain by rapid and simple processes, accurate guidance as to the stability of the vessel for any condition of loading and service.

It shall be the Master's responsibility to maintain the vessel in a satisfactory stability condition at all times.

This stability letter shall be posted under suitable transparent material in the pilothouse of the subject vessel so that it is visible.

Sincerely,

T. J. SAMPSON
Commander, USCG
Chief, Merchant Marine Technical Branch

Schuller & Allan, Inc.
CCGD8(mmt) letter dated 9 July 1984

16710/HALTER MARINE HULL 375
Ser H2-6610

By copy of this letter, the loadline assigning authority is advised that the stability of the R/V GYRE is considered satisfactory for a freeboard assignment corresponding to a molded draft of 11 feet 6 inches. A copy of the stability letter has been sent to the load line assigning authority to be attached to the Load Line Certificate.

The load line assigning authority will place a statement on the face of the International Load Line Certificate which states:

"This certificate is valid only so long as the operating restrictions in the vessel's stability letter issued by CCGD8(mmt) and dated 9 July 1984 are observed."

Sincerely,



T. J. SAMPSON
Commander, USCG
Chief, Merchant Marine Technical Branch
By direction of Commander,
Eighth Coast Guard District

Encl: Schuller & Allan, Inc.'s Dwgs. No.
(1) 2042-D4, Alt. 1 - Inclining Experiment for R/V GYRE
(2) 2042-D6, Alt. 1 - Stability Booklet for R/V GYRE
(3) 2042-D5, Alt. 1 - Appendix to Stability Booklet for R/V GYRE
(4) C-3, Rev. 0 - Curves of Form (U. S. Naval Ship Systems Command)
(5) Stability Letter for R/V GYRE (original and one copy)

Copy to:
ABS, NOLA, w/1 copy of encl. (5)