

COMMANDER (usmc)
EIGHTH COAST GUARD DISTRICT
600 SOUTH ST., RM. 845
NEW ORLEANS, LA 70130

(504)589-6266

16710/MISSISSIPPI MARINE
TOWBOAT HULL 90

Ser H2-6130
1 July 1982

NEW ORLEANS

23

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Arthur D. Darden, Inc.
Attention: Mr. Lu Milino
1040 International Trade Mart
New Orleans, LA 70130

Subj: M/V GEO TIDE
Mississippi Marine Towboat Hull 90
143' x 36' x 10' Geophysical Research Vessel
Ocean Service
Stability

RECEIVED
20 AUG 1982
A. B. S.

Ref: (a) Your letters dated 10 and 21 June 1982, ADD 933/8

Gentlemen:

Enclosure (1) is approved. The approved lightship data are:

Displacement	537.7 Long Tons
VCC	13.0 Feet Above the Baseline
LCC	2.9 Feet Aft of Amidships

Enclosure (2) has been examined. Supporting data such as this is not normally approved; however, the information presented is used in reviewing other plans.

The stability of this vessel is considered satisfactory for a freeboard assignment corresponding to a molded draft of 8 feet 0 5/8 inches, provided the operating restrictions in the vessel's stability information sheet are observed. This freeboard assignment is based upon stability calculations and is greater than that which would have been assigned based solely upon the vessel's geometric particulars.

A copy of the vessel's stability information sheet is being sent to the load line assigning authority. A statement will be placed on the face of the certificate which states:

This certificate is valid only so long as the operating restrictions in the vessel's stability information sheet dated 1 July 1982 are observed."

Enclosure (3) is forwarded to you to be given to the Master of the subject vessel and placed in the pilothouse.

Enclosure (4) is a receipt for enclosure (3). This should be signed by a representative of the owner and returned to this office.

Sincerely,

D. H. WHITTEN
Commander, USCG
Chief, Merchant Marine Technical Branch
By direction of Commander,
Eighth Coast Guard District

Encls: (1) Stability Test Data, Rev. A for M/V GEO TIDE dated 28 May 1982
(2) Arthur D. Darden Dwg. No. 933-3, Alt. 0 - Outboard Profile
(3) Stability Information Sheet for M/V GEO TIDE dated 1 July 1982
(4) Document Receipt Form for enclosure (3)

Copy to:
ABS, NOLA, w/1 copy of encl. (3).

M/V GEO TIDE, O.N. 642135

A stability test witnessed by the U. S. Coast Guard was performed on the M/V GEO TIDE, O.N. 642135, at Sulphur, Louisiana, on 28 May 1982. On the basis of this test and the corrections made to the results, stability calculations have been performed. Results indicate that the stability of the M/V GEO TIDE, as presently outfitted and equipped, is satisfactory for operation in Ocean Service provided the following restrictions are strictly observed:

1. The mean draft shall not exceed 8 feet 0 5/8 inches. Trim should be minimized and shall always result in a freeboard of at least 20 inches at the stern.
2. No more than one centerline or P/S pair of the following tanks may be partially filled at any one time: fuel oil, lube oil, potable water, ballast water, fuel oil day tanks.
3. Cross-connections between all port and starboard wing tanks shall be kept closed at all times when underway.
4. Main deck hatches and weather doors to the forecabin and machinery spaces shall be kept closed and fully secured at all times when underway, except when actually used for transit under safe conditions.
5. Main deck freeing ports shall be maintained operable and completely unobstructed at all times.
6. Bilges shall be kept pumped to minimum content at all times.
7. Suitable tables or curves for determining the capacities of full or partially full tanks shall be maintained aboard the vessel.
8. The Master should make every effort to determine the cause of any list of the vessel before taking corrective action.

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

This stability information sheet shall be posted under suitable transparent material in the pilothouse of the subject vessel.

This stability information sheet supersedes any stability information previously furnished the vessel.

A P P R O V E D
Subject to comments in
CCGD8 (MMT) letter of

JUL 1 1982

DH White
Chief Merchant Marine Technical Branch
By Direction of Commander
Eighth Coast Guard District

Return-Path: <bjs@viptx.net>

Received: from rly-xm02.mx.aol.com (rly-xm02.mail.aol.com [172.20.83.103]) by air-xm01.mail.aol.com (v104.18) with ESMTTP id MAILINXM11-5f64251785d33d; Mon, 04 Apr 2005 13:25:13 -0500

Received: from Mailhost3.neopolis.net (mailhost3.neopolis.net [205.240.52.4]) by rly-xm02.mx.aol.com (v104.18) with ESMTTP id MAILRELAYINXM26-5f64251785d33d; Mon, 04 Apr 2005 13:24:45 -0400

Received: from D66DHF21 (66-90-200-43.dyn.grandenetworks.net [66.90.200.43]) by Mailhost3.neopolis.net (8.13.3/8.13.1) with SMTP id j34HSFta011478; Mon, 4 Apr 2005 12:28:16 -0500

Message-ID: <002701c5393b\$2e76abb0\$2bc85a42@D66DHF21>

From: "Jim and Barbara Skalak" <bjs@viptx.net>

To: <Drjmbrooks@aol.com>, <Tdibrooks@aol.com>

Subject: Fw: GEOEXPLORER ABSID 8282335

Date: Mon, 4 Apr 2005 12:24:35 -0500

MIME-Version: 1.0

Content-Type: multipart/alternative;
boundary="-----_NextPart_000_0024_01C53911.43778220"

X-Priority: 3

X-MSMail-Priority: Normal

X-Mailer: Microsoft Outlook Express 6.00.2800.1409

X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2800.1409

X-AOL-IP: 205.240.52.4

JMB I have forwarded the explanation to the boat. skalak

----- Original Message -----

From: TGruber@eagle.org

To: Jim and Barbara Skalak

Cc: Drjmbrooks@aol.com ; Tdibrooks@aol.com

Sent: Monday, April 04, 2005 11:10 AM

Subject: GEOEXPLORER ABSID 8282335

Jim,

Thanks for your message. The USCG performed the stability review of the subject vessel back in 1982. It is the policy of the USCG to issue a simplified stability letter in lieu of approving a full-blown trim and stability booklet whenever appropriate. Please refer to USCG NVIC 3-89. Here is a link to the on-line version of it:

http://www.uscg.mil/hq/g-m/nvic/3_89/n3-89.pdf

For the subject vessel, the USCG issued a stability approval letter dated 1 July 1982, which included a "Stability Information Sheet", bearing the USCG stamp dated 1 July 1982. This document is the approved stability guidance to be provided to the Master and must be onboard the vessel. On that basis, a trim and stability booklet is not required on the vessel.

If you have any additional questions or I can be of any further assistance, please do not hesitate to let me know.

Best regards,

Thomas M. Gruber
Principal Engineer
ABS Americas

ph: 281-877-6404
fax: 281-877-6795

"Jim and Barbara Skalak" <bjs@viptx.net>
04-04-05 10:51 AM To<tgruber@eagle.org>
cc<Drjmbrooks@aol.com>, <Tdibrooks@aol.com>
Subject: stability

Tom, as per our conversation this a.m., we are constantly asked to produce a stability booklet for our R/V GeoExplorer (ABS # 82023335). Can you please send an explanation as to why we don't have or need the booklet and that the USCG stability letter suffices. Please copy Dr. Brooks as well. Thanks Jim Skalak TDI-Brooks Int. Inc.