

DEPARTMENT OF TRANSPORT  
UNITED STATES COAST GUARD

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American Bureau of Shipping  
PORTLAND, OREGON 97201

Commander  
Inmate Coast Guard  
630 Sansome Street  
San Francisco, CA 94111  
Tel: (415) 551-1111  
TX: 330455

16710/ZIDELL Hulls 62  
624-029, FMC Hulls  
18 & 19  
21 April 1981

Crowley Maritime Corp.  
Attn: Mr. William G. Fraser  
One Market Plaza  
San Francisco, Ca 94105

Subj: Zidell Hulls 624 & 600-029; FMC Hulls 18 & 19  
240' x 60' x 15' Deck Cargo Barges  
Oceans  
Crowley Maritime Corp.  
Stability

Ref: (a) CMC transmittal letter dated 16 April 1981

Gentlemen;

Enclosure (1) is marked examined and filed for information.

The stability of the subject vessel has been reviewed with respect to loadline assignment. The subject vessel has adequate intact stability for all normal operating conditions in ocean service for a maximum draft of 11 feet-11 1/2 inches (molded), provided the following restrictions are complied with:

1. No bulk liquids or ballast may be carried.
2. When operating as deck cargo barge:

<u>Draft (Molded)</u>	<u>Allowable VCGC Above Main Deck</u>
Below 6'-0"	38.7'
7'-0"	33.1'
8'-0"	28.3'
9'-0"	23.8'
10'-0"	16.5'
11'-0"	9.6'
11'-11 1/2 (Load Line)	4.4'

3. For intermediate drafts between tabulated values, the allowable VCGC shall be interpolated, or the value for the deeper draft shall be utilized.

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4. The maximum height of deck cargo shall not exceed twice the height of the cargo center of gravity above the main deck.

The above restrictions (1) through (4) must be placed on or attached to the Load Line Certificate.

By copy of this letter, the American Bureau of Shipping will be notified of the acceptability of the subject vessel stability.

The commentary given in CCGD12(mmt) letter of 14 April 1981 regarding the subject vessel stability is to be disregarded.

Sincerely,

GEORGE J. BUFFLEBEN  
Commander, U. S. Coast Guard  
Chief, Merchant Marine Technical Branch  
By direction of the District Commander

Encl: (1) SARGE 240' x 60' x 15' Stability Check dated 15 April 1981 (16 Shts)

cc: DCMI, Portland w/encl  
DCMI, Seattle w/o  
ABS, N.Y. w/o  
ABS, Portland w/o  
ABS, Seattle w/o  
COMDT (G-MMT-5/12) w/o