

American Bureau of Shipping

Report No. JF 22667

SURVEY FOR LOAD LINES

Date APRIL 19, 1973

20 73 053 62

Name of Vessel VANLINER 286		Official Number 548,003	Port of Registry SEATTLE, WASHINGTON	Port of Survey SAN FRANCISCO, CALIFORNIA
Gross Tonnage 3,300	Date of Build 1973	Hull Number 628	Class <i>TA Barge</i>	Type of Vessel (Pass. Cargo, Tanker, etc.) CONTAINER DECK BARGE (UNMANNED)
Owner FOSS LAUNCH & TUG CO. SEATTLE, WASHINGTON			Builder KAISER STEEL CORP. NAPA, CALIFORNIA	

PARTICULARS OF SUPERSTRUCTURES, TRUNKS, CASINGS AND DECK HOUSES

	Poop Bulkhead	Bridge 1		Forecastle Bulkhead
		After Bulkhead	Forward Bulkhead	
Thickness and Height of Coaming		<i>NONE</i>		
Thickness of Plating		/		
Size and Type of Stiffeners				
Spacing of Stiffeners				
End Attachment (Head of Stiffeners / Heel)				
Number and Size of Openings				
Height of Sills				
Closing Appliances on Openings				
Means for Securing Closing Appliances <small>State if appliances can be secured from both sides</small>				

† On shelter deck vessels give particulars of tween deck bulkheads immediately forward and abaft of Tonnage Hatch.

	Coaming	Plating	Stiffeners	Spacing	End Attachment of Stiffeners	Size of Openings	Height of Sills	Closing Appliances: State if Steel or Wood and if operable from both sides
Trunk					<i>NONE</i>			
Exposed Machinery Casings on Freeboard Deck					/			
Exposed Machinery Casings on Superstructure Deck								
Machinery Casings within Superstructures not fitted with Class 1 Closing Appliances								
Deck Houses on Flush Deck Vessels or Protecting Machinery Casing								
Height of Casings above deck								

VENTILATORS ON EXPOSED POSITIONS OF FREEBOARD AND SUPERSTRUCTURE DECKS

	Freeboard Deck	Forecastle	Bridge	Poop
Diameter of Coamings		<i>NONE</i>		
Thickness of Coamings		/		
Height of Coamings				
Arrangements for Closing				
How are Coamings Secured to Deck				
How are High Coamings Braced or Stayed				


HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS

Number of Hatchway and Deck							
Dimensions of Hatchway							
Coamings	Height above Deck						
	Thickness sides ends						
	Stiffeners, Brackets or Stays						
Hatch Beams	Number						
	Spacing						
	Scantling and Sketch of Section						
	Bearing Surface						
Fore and Afters	Number						
	Spacing						
	Scantling and Sketch of Section						
	Bearing Surface						
Hatch Covers	Material						
	Thickness						
	How Fitted						
	Bearing Surface						
Spacing of Cleats							
Number of Tarpaulins							
Are Wood Fore and Afters Steel Shod at bearing surfaces							
Are Battens and Wedges in good condition							
Are Tarpaulins in good condition and in accordance with Rule							
Are Lashings provided as required by Rule							

Where Hatches are located within Superstructures closed with less than Class I Closing Appliances or in the upper 'tween decks of shelter deck vessels give full particulars as above requested

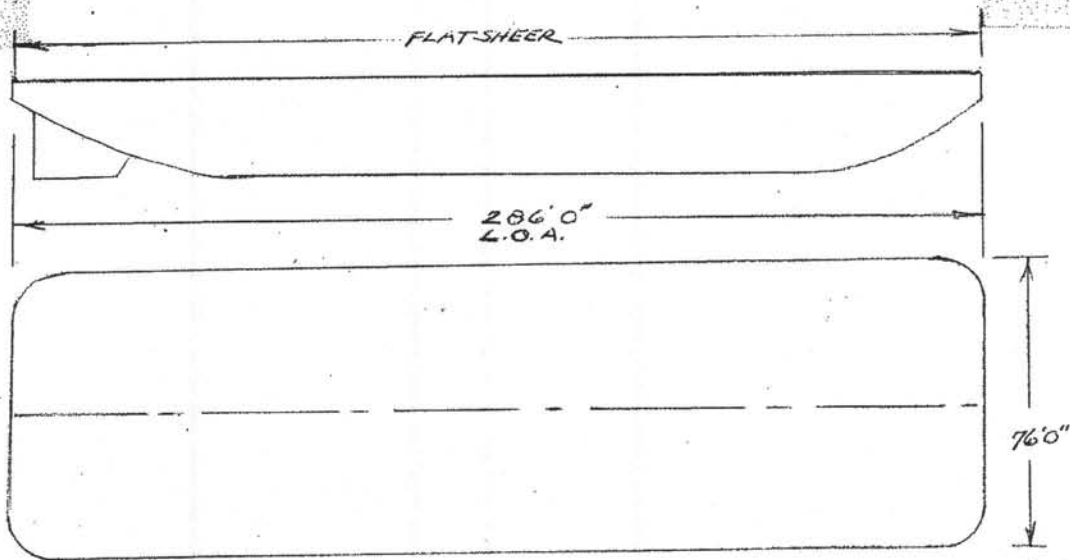
ACCESS MAN HOLES
 14- 18"x24" MAN HOLE OPENINGS ON FREEBOARD DECK TO BALLAST TANKS IN HOLDINGS WITH W.T. RAISED OVAL HATCH HAVING 6" COAMING OF 3/16" STEEL PLATE WITH 1/4" STEEL HINGED, DOGGED W.T. COVERS LOCATED AT FRAME NOS 2 1/2, 6 1/2, 13 1/2, 19 1/2, 25 1/2, 27 1/2 AND 31 1/2, PORT AND STARBOARD.

	Freeboard Deck	Forecastle	Bridge	Poop
Give Location of Companionways; state whether of wood or steel; give height of sills and state whether doors can be secured from both sides				

	Freeboard Deck	Forecastle	Bridge	Poop
Give Number and Location of Airpipes; height of opening above deck; and means provided for closing the openings of Airpipes.	 <p>FOUR 4" DIA. AND FOUR 8" DIA. FROM BALLAST TANKS WITH INV. BALL CHECKS 30" HEIGHT @ VENTS LOCATED P.S. @ FYS 3 1/2, 7 1/2, 26 1/2.</p>	NONE	NONE	NONE

4/9/54
 S.D.

Show on this diagram the length and height of the superstructures, trunks, deckhouses, casings, length of overhangs on superstructures which extend to side of vessel, details of recesses in bulkheads, location of cargo and coaling hatchways, also cargo, gangway and coaling ports, etc. Give extent and thickness of wood deck or sheathing on freeboard deck. Show extent of flat or depressed shear. (In shallow deck vessels give location of tonnage hatch in relation to fore or after perpendicular.)



NOTE: In the case of existing vessels state the mean loaded operating draft of the vessel _____
 When supplementary marks for timber or tanker conditions are desired give particulars, in blank space below, concerning "conditions of assignment".
 In the case of unclassified vessels a hull condition survey should accompany this report.
 Give any special features in the construction of the vessel, in the space below: *UNMANNED WITHINER DECK BARGE*

*DECK PLATING FULLY COVERED WITH 4" x 12" WOOD PLANKS
 LAYED STAGGERED WITH 8' AND 16' LENGTHS AND SECURED
 TO DECK THRU 5/8" x 3 1/2" LG. NELSON STUDS WITH PLANKING
 NOTCHED IN WAY OF DECK FITTINGS.*

No. Visits: *20*

Expenses:

B. W. Huntington
 Surveyor

OF DECK



REFERENCES

1. L. R. GLOSTEN & ASSOCIATES, INC., SPECIFICATIONS FILE NO. 7246.
- L. R. GLOSTEN & ASSOCIATES, INC. DRAWING NOS.:
 - 7246-1 LINES AND OFFSETS
 - 2 GENERAL ARRANGEMENTS
 - 4 MIDSHIP AND TYPICAL SECTIONS
 - 6 SCANTLING PLAN
 - 7 MISCELLANEOUS DETAILS
 - 8 BALLAST SYSTEM-PIPING AND ELECTRICAL
- 7343-1 INTERNAL STRENGTHENING

GENERAL NOTES

1. DECK STRUCTURE IS DESIGNED FOR THE FOLLOWING LOADS:
 - A) UNIFORM DECK LOAD OF 1325 POUNDS PER SQ. FT.
 - B) FORK LIFT TRUCK HAVING DUAL PNEUMATIC TIRES WITH A MAXIMUM AXLE LOAD OF 100,000 LBS (HYSTER MODEL 520 FORK LIFT). ASSUMED FOOTPRINT APPROXIMATELY 18" X 36" PER DUAL WHEEL.
 - C) TRACKED TRANSPORTER LOAD OF 125 S.T. EA. TRACK, 22 FT. LG. & 10'-0" OFF CENTERLINE. VESSEL GROUNDED ON SMOOTH FIRM BOTTOM.
 - D) CONTAINER LOAD IMPOSED BY A FOUR (4) HIGH STACK OF 40,000 LB. CONTAINERS. CORNERS AT 10 FT., 10 FT., OR 34 FT. OFF CENTERLINE (PORT/STARBOARD). FRAME SPACING OF 3'-2" IS FOR TRANSVERSE STOWAGE OF CONTAINERS.
2. HULL AND BULKHEAD STRUCTURE IS DESIGNED TO PERMIT FUTURE CONVERSION OF VOIDS TO DEEP TANKS.
3. CLASSIFICATION \oplus 41 DECK CARGO BARGE, AMERICAN BUREAU OF SHIPPING.

PRINCIPAL CHARACTERISTICS

LENGTH OVERALL	286'-0"
LENGTH DLWL	277'-5"
BREADTH MOLDED	76'-0"
DEPTH MOLDED	17'-0"
DRAFT MOLDED DLWL	10'-0"
DISPLACEMENT	5436 S.T. S.W.
	4854 L.T. S.W.
DEADWEIGHT DLWL (APPROX)	4050 S.T.
DRAFT, ASSIGNED LOADLINE (KEEL)	15'-5"
DISPLACEMENT, ASSIGNED LOADLINE	7850 S.T. S.W.
DEADWEIGHT, ASSIGNED LOADLINE (APPROX)	6400 S.T.
CONTAINERS: (ALL 20')	MAX. 396
CONTAINERS COMBINATION	
20'	140
24'	256

SYM	REVISIONS	BY	DATE

FOSS LAUNCH & TUG CO.
 A DILLINGHAM COMPANY
 SEATTLE, WASHINGTON

L. R. GLOSTEN & ASSOCIATES, INC.
NAVAL ARCHITECTS • MARINE ENGINEERS • OCEAN ENGINEERS
 810 COLMAN BLDG. • 811 FIRST AVE. • SEATTLE, WASHINGTON 98104

286' x 76' x 17' CONTAINER BARGE

FOSS VL 286

CAPACITY PLAN

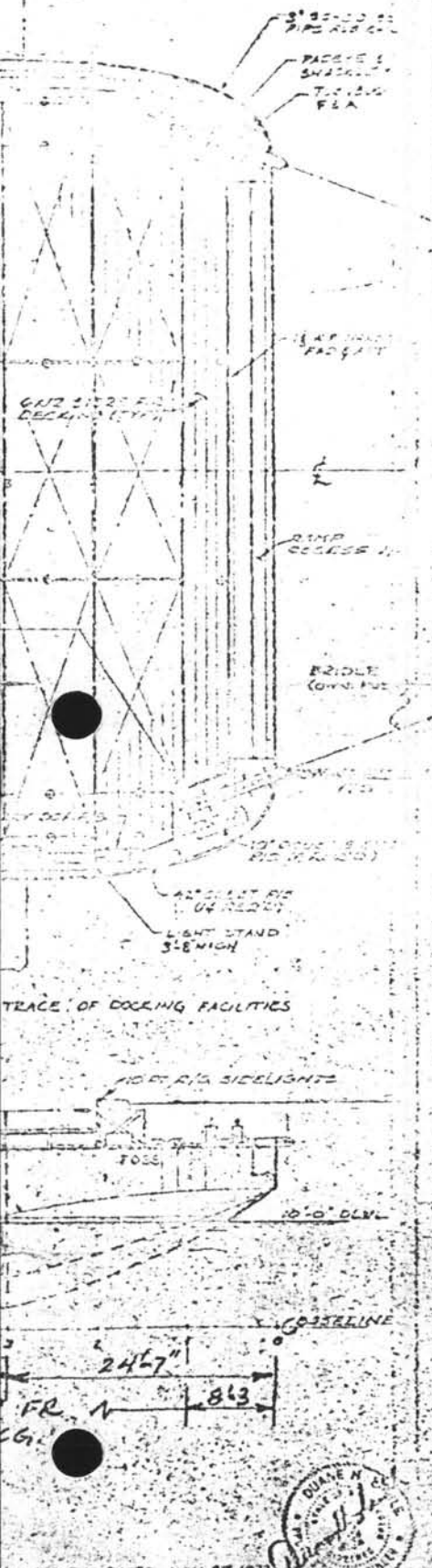
DRAWN ALGER	DATE 2-9-77	SCALE AS NOTED
CHECKED <i>DVC</i>	DATE 2-7-77	DWG. NO. 7246-11
		REV

FOSS

DRAFT

DEADWEIGHT SCALE

DEAD WEIGHT SHORT TONS	DRAFT MARKS TO BOTTOM OF KEEL	DISP. SHORT TONS	MT 1" ST. FT. (L=286)	SHORT TPI MOLDED
	16		1310	57.9
	15	9000		
7000	14		1337	57.9
	13	8000		
6000	12	7000	1281	57.1
	11	6000		
5000	10		1160	55.3
	9	5000		
4000	8		1020	53.0
	7	4000		
3000	6		865	50.3
	5	3000		
2000	4		707	46.8
	3	2000		
1000	2			
		1000		



SEC. LTR. DATED NOV. 27, 1972
 BS. LTR. DATED NOV. 15, 1972

TO
 3'-8 1/2"

LIC