



**ABS**

## SURVEY FOR LOAD LINES

Report No. PO16530-A

Date: 15 APRIL 2002

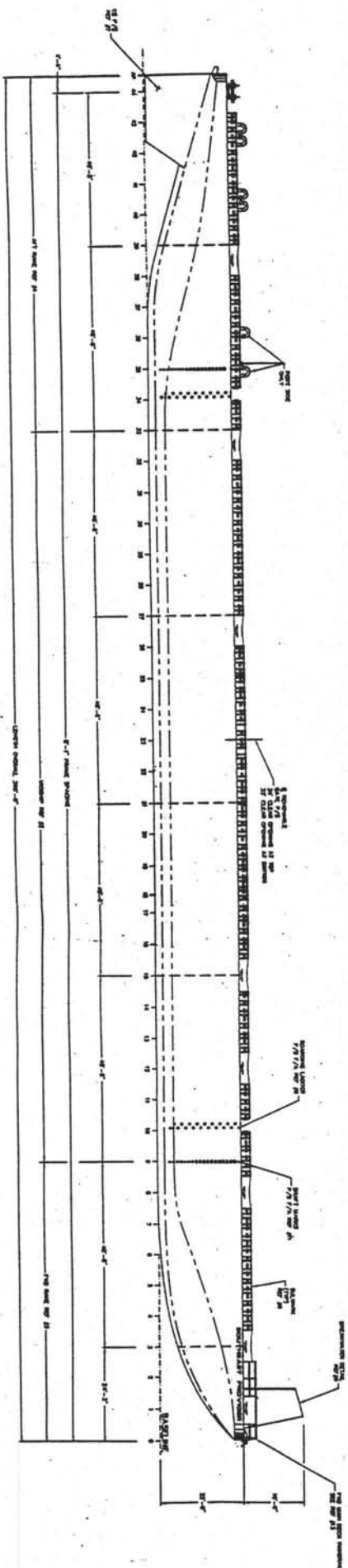
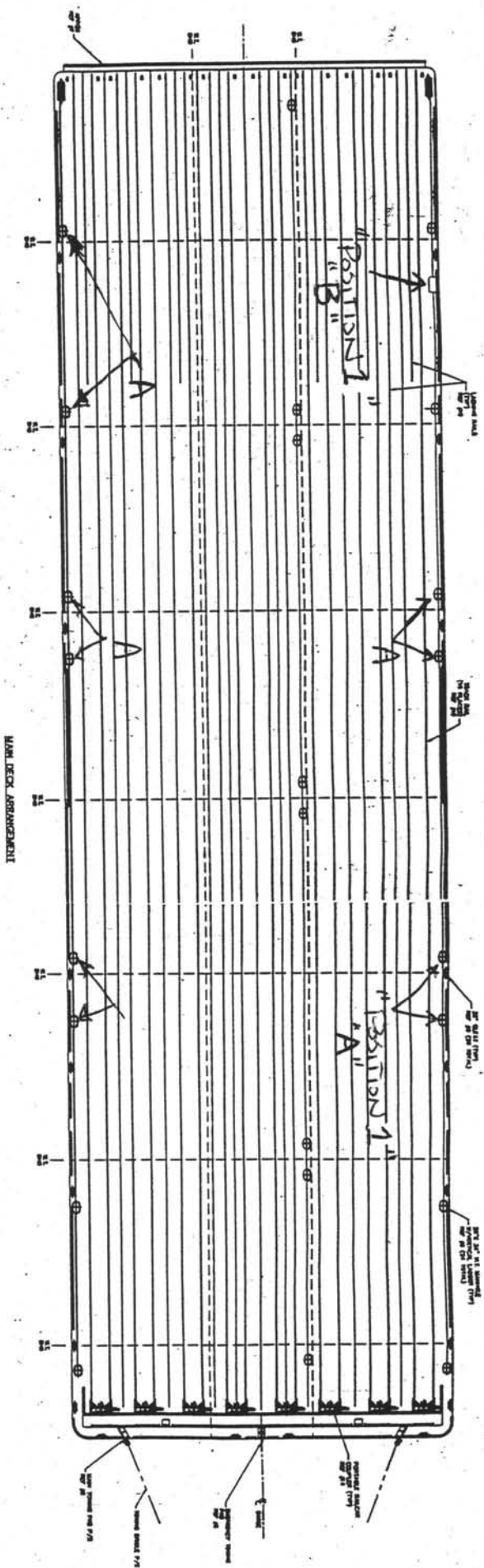
### INTERNATIONAL CONVENTION ON LOAD LINES, 1966 (IMO STANDARD FORM)

#### RECORD OF CONDITIONS OF ASSIGNMENT

Name of Ship	"SOUTHEAST PROVIDER"
Port of Registry	JUNEAU, ALASKA
Nationality	USA
Distinctive Number or Letter	OFFICIAL NO. 1123569
Shipbuilders	GUNDERSON MARINE INC.
Yard Number	060
Date of Build (Conversion)	15 APRIL 2002
Freeboard assigned as a ship of Type	"B-25%"
Classification	<b>⊗ A1 BARGE</b>
Date and place of initial survey	PORTLAND, OREGON, USA

A plan of suitable size may be attached to this Report in preference to sketches on this page.

Disposition and dimensions of superstructures, trunks, deckhouses, machinery casings; extent of bulwarks, guard rails and wood sheathing on exposed decks, to be inserted in the diagrams and tables following; together with positions of hatchways, gangways, and other means for the protection of the crew; cargo ports, bow and stern doors, side scuttles, scuppers, ventilators, air pipes, companionways, and other items that would affect the seaworthiness of the ship.



**DOORWAYS IN SUPERSTRUCTURES, EXPOSED MACHINERY CASINGS AND DECKHOUSE PROTECTING  
OPENINGS IN FREEBOARD AND SUPERSTRUCTURE DECKS (Regs. 12, 17 & 18)**

Location	Ref. No. on Sketch or Plan Page 2	Number and Size of Openings	Height of Sills	Closing Appliances	
				Type and Material	Number of Dogs
Companionway for bosun store in Position 1 leading below the freeboard deck.					
In bridge forward bulkhead					
In bridge after bulkhead					
In raised quarter deck bulkhead					
In poop bulkhead					
In exposed machinery casings on freeboard deck					

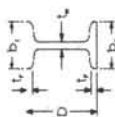
**DOORWAYS IN SUPERSTRUCTURES, EXPOSED MACHINERY CASINGS AND DECKHOUSE PROTECTING  
OPENINGS IN FREEBOARD AND SUPERSTRUCTURE DECKS (continued)**

Location	Ref. No. on Sketch or Plan Page 2	Number and Size of Openings	Height of Sills	Closing Appliances	
				Type and Material	Number of Dogs
In exposed machinery casings on superstructure deck					
In machinery casings within superstructures or deckhouse on freeboard deck					
In deckhouses in Position 1 enclosing openings leading below freeboard deck					
In deckhouses in Position 2 enclosing openings leading within enclosed superstructures or below freeboard deck					
In exposed pump room casings					

**DOORWAYS IN SUPERSTRUCTURES, EXPOSED MACHINERY CASINGS AND DECKHOUSE PROTECTING  
OPENINGS IN FREEBOARD AND SUPERSTRUCTURE DECKS (continued)**

Location	Ref. No. on Sketch or Plan Page 2	Number and Size of Openings	Height of Sills	Closing Appliances	
				Type and Material	Number of Dogs

**HATCHWAYS AT POSITION 1 AND 2 CLOSED BY PORTABLE COVERS AND SECURED WEATHERTIGHT BY TARPAULINS AND BATTENING DEVICES (Reg. 16)**

Position and Reference No. on Sketch or Plan --- Page 2									
Dimensions of clear opening at top of coaming									
Height of coamings above deck									
<b>PORTABLE BEAMS</b> 	Number								
	Spacing $b_1 \times t_1$ $D \times t_w$ $b_2 \times t_2$								
<b>PORTABLE COVERS</b>	Bearing Surface								
	Means of securing each beam								
Spacing of Cleats	Material								
	Thickness								
	Direction fitted								
	Bearing Surface								
<b>TARPAULINS</b>	No. of layers								
	Material								

Note: Some authorities require that galvanized steel bands protecting the ends of wood hatch boards be efficiently secured. Indicate if fitted.

Means of securing each section of covers:  
 Are wood covers fitted with galvanized end bands?  
 Position 1 --- Upon exposed freeboard and raised quarter decks, and upon exposed superstructure decks situated forward of a point located a quarter of the ship's length from the forward perpendicular.  
 Position 2 --- Upon exposed superstructure decks situated abaft a quarter of the ship's length from the forward perpendicular.

**HATCHWAYS AT POSITION 1 AND 2 CLOSED BY WEATHERTIGHT COVERS OF STEEL (OR OTHER EQUIVALENT MATERIAL) FITTED WITH GASKETS AND CLAMPING DEVICES (Reg. 16)**

Position and Reference No. on Sketch or Plan --- Page 2					
Dimensions of clear opening at top of coaming					
Height of coaming above deck					
Type of cover or Patent Name					
Material					

**MACHINERY SPACE OPENINGS AND MISCELLANEOUS OPENINGS IN FREEBOARD AND SUPERSTRUCTURE DECKS (Regs. 17 & 18)**

Position and Reference No. on Sketch or Plan --- Page 2	POSITION 1-A	POSITION 1-B		
Dimensions	20IN. X 34IN.	24IN. X 48IN.		
Height of coaming	FLUSH	4IN.		
COVER	STEEL	AL.		
	BOLTED	HINGED & DOGGED		
Number and Spacing of Dogs	34 BOLTS	(6) SIX EQUAL DIST.		
Position and Reference No. on Sketch or Plan --- Page 2				
Dimensions				
Height of coaming				
COVER				
Number and Spacing of Dogs				

Note:

VENTILATORS ON FREEBOARD AND SUPERSTRUCTURE DECKS (POSITION 1 AND 2) (Reg. 19)

Deck on which fitted	Number Fitted	Coaming		Closing Appliance	Remarks
		Dimensions	Height		
MAIN DECK	(10) TEN	8 IN. SCHED. 40 PIPE	37.25 IN.	INVERTED VENT CHECK VALVE WELDED STEEL BODY CONSTRUCTION	

1) In vessels less than 100 meters (328 ft.) Closing Appliances: Are to have covers permanently attached. Indicate means of attachment, such as chained, hinged, etc., in Remarks column.

2) Coamings of ventilators which exceed 900 m/m (35½ ") in height are to be specifically supported. Indicate means of support in Remarks column.

**AIR PIPES OF FREEBOARD AND SUPERSTRUCTURE DECKS (Reg. 20)**

Deck on which fitted	Number Fitted	Coaming		Describe Closing Appliances
		Dimensions	Height	
MAIN DECK	(1) ONE	2 IN. SCHED. 80 PIPE	30 IN.	INVERTED VENT CHECK VALVE

**CARGO PORT AND OTHER SIMILAR OPENINGS (Reg. 21)**

Position of port	Dimensions of opening	Distance of lower edge from freeboard deck	Securing devices	Remarks

**SCUPPERS, INLETS AND DISCHARGES (Reg. 22)**

State if Scupper, Inlet, or Discharge	Number	Pipe		From	Vertical distance above top of keel			Number, Type and Material of Discharge Valves	Position of Controls State whether Accessible or Operable From Freeboard Deck
		Diameter	Thickness		Material	Outlet in hull	Discharge		

--- Scupper  
 --- Discharge  
 --- Inlet

MS --- Mild Steel  
 CS --- Cast steel  
 GM --- Gun metal  
 Any other approved material to be designated non-return

SD --- Screw down  
 ANR --- Automatic non-return  
 SD ANR --- Screw down automatic

NOTE: Symbols may be used at the discretion of the Surveyor.

**SIDE SCUTTLES (Reg. 23)**

Location of side scuttle (airports to spaces below freeboard deck to spaces within enclosed super-structures, or to deck houses protecting access to spaces below freeboard deck.	Number fitted	Clear glass size	Fixed or opening	Material		Type of Glass and Thickness	Standards used and Type No.
				Frame	Deadlight		

Side scuttles shall be fitted in a position so that its sill is below a line drawn parallel to the freeboard deck at side and having its lowest point 2.5 percent of the breadth (B) above the load waterline, or 500 millimeters (19½ inches) whichever is greater distance. Indicate all side scuttles not complying with this requirement.

NOTE: All side scuttles fitted with efficient hinged inside deadlights are to be arranged so that they can be effectively closed and secured watertight.

**FREEING PORTS (Reg. 24)**

	Length of Bulwark	Height of Bulwark	Number and Size of Freeing Ports each side	Total Area each side	Required Area each side
Freeboard Deck After Well					
Forward Well					
Superstructure Deck					

State fore and aft position of each freeing port in relation to superstructure end bulkheads

State particulars of shutters, bars or rails fitted to freeing ports:

State height of lower edge of freeing port above deck:

**PROTECTION OF THE CREW (Regs. 25 & 26)**

State particulars of bulwarks or guardrails on freeboard and superstructure decks:

State details of lifelines, walkways, gangways or underdeck passageways where required to be fitted:

Where is crew berthed? Indicate if unmanned.

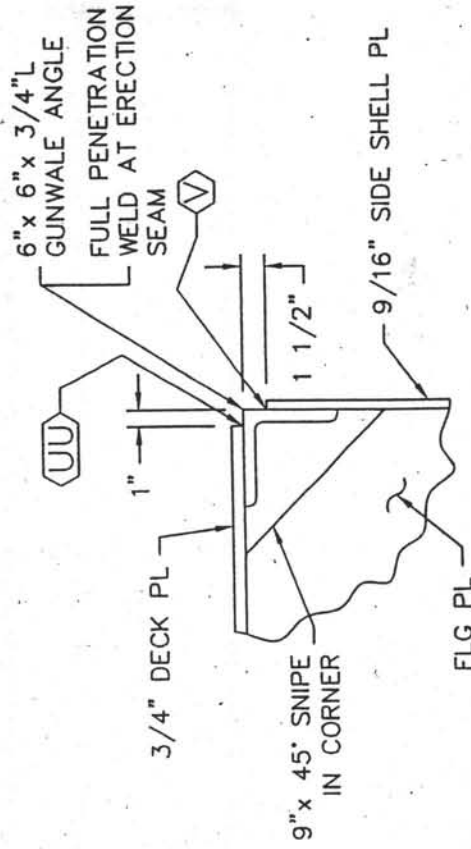
TIMBER DECK CARGO FITTINGS (Reg. 44)

State particulars of upright, sockets, lashings, guardrails and lifelines:

OTHER SPECIAL FEATURES

SKETCH GUNWALE CONNECTION

For Rounded Gunwale Indicate Relationship to Deckline Marked on Vessel to Deckline as Defined in Regulation 4.



The conditions of assignment shown on this form are a record of the arrangements and fittings provided on the ship and are in accordance with the requirements of the relevant regulations of the International Convention on Load Lines, 1966.



15 APRIL 2002

Date

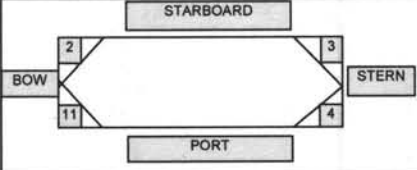
Revision 0

Barge "SE PROVIDER"  
DEADWEIGHT CALCULATION FORM

**Barge Shipment**

From:	To:	Barge:
Date Loaded:	Tug Co.:	Bill of Lading No:
Qty Loaded (short tons of 2000 lb):	Date and Time Delivered Seattle:	

**Load Calculations**

		Freeboard Loaded inches	Freeboard Light inches
Port Bow	1		
Starboard Bow	2		
Starboard Stern	3		
Port Stern	4		
Total (1+2+3+4)			
Average Fbd (Total / 4)			
Displacement (short tons) From Displacement Chart		Loaded:	Light:
		<b>Total Deadweight : (Disp Loaded - Disp Light)</b>	
Date & Time Spotted:	Date & Time Finished Off Loading	Signed By: .....	
Notes: Light ship weight = 3,840.73 short tons, from weight estimate incl. 5" concrete wear deck			

