

Sealed Bid Sale #2518S002

Attachment #1

M/V TAKU



Specifications

VESSEL INFORMATION

GENERAL

Owner:	Alaska Marine Highway System, 7599 North Tongass, Ketchikan, AK 99901-9101		
Certification:	U.S. Coast Guard, SOLAS	Type of Vessel:	RO RO Passenger/Car Ferry
Official No.:	290756	ABS ID No.:	6304349
Hull:	Welded Steel	Classification:	ABS*A1, E, *AMS Ferry Service
IMO No.:	5351052	Builder:	Puget Sound Bridge & Dry Dock Co.
Year Built:	1963	Designer:	Philip F. Spaulding & Associates
Year Lengthened:	n/a		

ENGINEERING DATA

Main Engines:	MAK 8M453C		4000 H.P. @ 600 R.P.M.
Reduction Gear:	Luffkin HSQ3170-K-S	Gear Ratio:	2.971:1
PRPM:	202		
Generators: (3 Nos.)	CAT D379		400 K.W. @ 1200 R.P.M.
Emergency Generator:	CAT 3406		250 K.W. @ 1800 R.P.M.
Bow Thruster:	KAMEWA 35 3S/4 (Electric)		500 H.P.
Boiler:	Seattle Boiler SDW 50M (Oil Fired)	Steam Rate:	2000 lbs./hr
MSD System:	Omnipure 15MX Multiple Pass – Type II Sanitation Device – 15,000 GPD (2 units)		
2 Fire Pumps & Sprinkler Pump:			60 H.P. @ 3450 R.P.M.
Bilge Pumps		Ballast Pumps:	
Fuel Consumption:	34,000 Gal/Wk		270 Gal/hour

ADMEASUREMENT DATA

Port of Registry:	Juneau, AK	Registered Depth:	18.4 Ft.
Registered Length:	319.1 Ft.	Registered Breadth:	73.5 Ft.
<u>Domestic Tonnage:</u>			
Gross Tons:	2,624	Net Tons:	1,494
<u>International Tons:</u>			
Gross Tons:	7,302	Net Tons:	2,496

PARTICULARS

Length Overall, LOA (molded):	352' 0"
Length on Waterline, LWL:	326'-0"
Length Between Perpendiculars, LBP:	314'-0"
Beam at Main Deck (over guards):	73' 7 1/2"
Depth at main Deck (molded):	23' 6"
Draft to Design Waterline:	15' 0"
Maximum Allowable Subdivision Draft (molded):	17"-0
Keel Below Molded Baseline:	11/16"
Midships:	1'0" Aft of Fr 78
Fuel Capacity (gallons, approx.):	70,922
Fresh Water Capacity (gallons, approx.):	36,161
Car Deck Space:	6 Lanes, 1340 l.f.
Crew Size:	43
Light Ship Weight per Reference 3:	3598.44 LT

VESSEL INFORMATION

LIFESAVING EQUIPMENT

Life/rescue boat (S): 1(62) Liferings w/lights: 6 Liferings w/line: 2 Life Preservers: 476 Marine Evacuation System (P/S): 1 ea (100)	Lifeboat (P): 1(62) Rescue boat (p): Ambar AM-550 (7) Liferings (other): 4 Infl. Rafts: 4 Link Liferrafts (P/S): 1 ea (100)
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NAVAL ARCHITECTURAL DATA

Stability:	Partially protected waters, 370 passengers, vehicle load up to 225 LT, 7,800 LT-ft
Operation Route:	Prince Rupert, Ketchikan, Wrangell, Petersburg, Juneau, Skagway, Haines

MISCELLANEOUS STORES

Space	Location			Volume Cubic Feet
	Deck	FR	Side	
Bosun's Stores	Gal	B-FWD	CL	4,608
Steward's Stores	Main	B-FWD	P	1,700
Paint Locker	Main	B-FWD	S	1,700
Galley Stores	Boat	B3-B6	S	890
Stores	Boat	86-91	S	595
Snack Bar Stores	Boat	86-91	S	300
Dairy Room	Boat	86-92 1/2	S	1,550
Bonded Stores	Main	110-114	CL	270
Engineer's Stores	15'-6" Flat	75-82	P	1,350
Deck Locker	Main	14-17	CL	125
Freezer	Main	13-19	P	960
Chill Room	Main	8-13	P	640

DECK EQUIPMENT

Equipment	Location			Note
	Deck	FR	Side	
Anchor Windlass	Cabin	8	CL	
Anchors with Chain (2 ea.)	Cabin	0	P&S	
Roller Fairlead (2 ea.)	Cabin	17	P&S	
Capstan (2 ea.)	Main	156	P&S	
Capstan	Cabin	104	CL	
Capstan (2 ea.)	Cabin	55	P&S	Markey Model CEP-40, 5 HP

VEHICLE CLEARANCES

Stern Door Clear Opening	15'-0" H x 22'-0" W
Side Door Clear Opening Frame 39 P&S	15'-0" H x 20'-0" W
Main Deck Height Clearance	14'-4"