Alaska Marine Highway System										
Poquest	Aurora	LeConte	Malaspina	Vess Matanuska	sel Condition and Cost of Repairs Columbia	Kennicott	Litura	Hubbard	Tazlina	Tustumena
Request Repairs needed in last survey-Repairs	Hull Structure and Appendages	Lifeboat Davit Controls	Vehicle Loading Doors	Generator Replacement	Columbia Cathodic Protection System	Main Propulsion	Lituya Propellers and Shafting	NA due to New Constructed Vessels		Structural Repairs
Assessment Per the FY18-FY19 Fleet	Main Propulsion System Repower	Ship Service Power Generation, digital	Vehicle Deck Steel Replacement	Centralized Fire Detection/Alarm System	Shaft Alley Ventilation	Elevator Systems	Bow Thruster	NA due to New Constructed Vessels	INA due to New Constructed Vessels	Vehicle Lift Structural Repairs
Condition Survey	Vehicle Loading Doors	voltage regulators	Bow Thruster	Accommodations Ventilation Overhaul	Sewage Collection and MSD Treatment System	Heating Plant	Steering Gear			• Fin Stabilizer
See Attached Appendixes	Centralized Fire Detection/Alarm System	Bilge System	Ship Service Electrical Generation and Distribution	Crew Quarters Air Conditioning	Firemain System and Piping	Sewage Collection and Treatment Systems	Docking Intercom			Watertight Doors
,,	Navigation Equipment - Gyrocompass	Heating Plant	Propellers and Shafting: Four Centerline Ballast Tank		Engineering Spaces and Tank Coatings	Ventilation Systems	House, Deck & Freeboard Coating			Passenger Elevator Upgrades
	Communications Systems	Engineering Spaces, Refrigeration Systems	Emergency Generator	Vehicle Space Monitoring	• Fan Rooms	Alarm Monitoring Systems	Systems			Replacement of Steel Piping
	Bilge Alarms	Tank Coatings	Main Engines	Tank Coatings	Main Galley Food Preparation and Service Area	Hull Plating and Appendages	Crew Areas			Repairs to the forward Sponson
	Stbd Main Engine Exhaust Leak	Galley	Firemain System and Piping	Stern and Side Loading Doors	Seawater Cooling Systems	Fire Suppression Systems and Piping	Sewage Collection and Discharge			Overheated Electrical Panels
	Mooring Capstans	Centralized Fire Detection/Alarm System	Manual Fire Alarm System	Automatic Sprinkling System	CPP system replacement	Tanks and Voids	Cables			Steering System
	Firemain System and Piping	Anchor Windlass	Tank and Void Coatings	CCTV System Upgrade	Electrical Distribution	Fire Doors and Fire Screen Doors	Heating Plant			Bridge Wing Control Stations
	Bow Thruster Control	Superstructure, Engineering Spaces	Galley	MSD System Upgrade	Steering Control System	Elevator Systems	Machinery Alarm and Monitoring			Fan Room: Exterior Coating
	Vehicle Side Doors	Lockers and Stores	Forward Observation	Digital GPS	Public Address System	Heating Plant	MOR and Crane			Main Propulsion System
	Main Machinery Room HVAC	Vehicle Space Ventilation	Lounge ACM Abatement	Bow Thruster Replacement	Exterior Coatings	Vehicle Space	Uptake			Talk Back System: Training Room
	Fire Detection and Extinguishing, Engine	Steering Stand	Centralized Fire	Bilge and Ballast System	Passenger Elevator	Accommodations Ladders	Seawater Cooling Pumps			Steering Stand
	Room Halon System	Steering Systems	Detection/Alarm System	Boiler Replacement	Freight Elevator	Seawater Piping Systems				Tank, Void and Bilge Coatings
	Vehicle Deck	Accommodation Space Ventilation	Fast Rescue/Utility Boats and Davits	Anchor Windlass	Lift System	Fuel and Lube Oil Systems				Tank Wastage
	Flushing System	Communications Systems	Modify Accommodations Ventilation Filters	Galley Deck Covering	Aft Dumbwaiter	Superstructure (Cabin Deck and Above)				Emergency Electrical Distribution
	Electrical Cabling	Utility Boats and Davits	Humidifiers: Ship Service Power Generation	Potable Water System	Bow Thruster	Communication Systems				CCTV System
	Emergency Electrical Power Distribution	Pilothouse	Public Address System	Refrigeration Systems	Depth Sounder	Galley				Solarium Deck HVAC
	Heating Plant -Steam and Condensate,	Ship Service Power	Sewage Treatment System	Searchlights	Mooring Capstans	Means of Rescue (MOR) Platform and Davit				Aft Vehicle Space Doors
	accommodations spaces ventilation	Generation	Engine Room Ventilation	Replace PA/GA System	ACM Survey	Ship Service Electrical Power Distribution				Emergency Batteries
	Heating Plan -Solarium Electric Heaters	Bridge/Sun Deck	Tank Level Indicator System		Centralized Fire Detection System	Steering Systems				
	Vehicle Space Ventilation Louver	Lube Oil Systems	CCTV Cameras		Galley Equipment	Seawater Piping Systems				
	• Fuel Oil System		Heating Plant		MMR and AMR Ventilation	Steering Systems				
	Refrigeration Systems		Passenger Elevators		Seawater Strainers	• Elevator Systems				
	Ship's Service Electrical Power Distribution		Talkback System		Pilothouse Window Wipers and Heating System	Emergency Electrical Power Distribution				
			Potable Water Piping		Fuel Management System	Freshwater Piping Systems				
			Vehicle Space Ventilation		Power Survey • Potable Water Filter	Fire Boundaries and Structural Insulation				
			Refrigeration		• Fuel Oil System	Mooring Capstans Michael and Davids				
			Superstructure		Steam Heaters Potable Water System: Accommodation Space	Lifeboats and Davits Ship Service Electrical Power Distribution				
			Hazardous Material Survey FOT (Faring Order Talance It)		Potable water system: Accommodation space Ventilation	Ship Service Electrical Power Distribution Refrigeration Systems				
			EOT (Engine Order Telegraph) Electrical Power Distribution		Vehicle Loading Doors	Ship Service Power Generation				
			• Electrical Power Distribution		Vehicle Space HVAC	Fuel and Lube Oil Systems				
					Bridge Deck A/C Unit	Fire Suppression Systems and Piping				
					Exterior safety wires and handrails - Aft Mooring Station	• Fire Suppression Systems and Piping				
					Motor Controllers					
					Fuel Tank - Separation of 7-centreline fuel tank and skeg ke					
					Reduction Gear Coolers					
					Additional CCTV Cameras					
					Compressed Air System					
					Refrigeration Equipment					
Cost of Needed Repairs	24,820,00	9,686,60	0 68,033,80	19,436,8	14,816,	00 61,209,60	0 1,644,62	0		14,689,40
Provider Of Cost Estimate	Glosten	Glosten	Glosten	Glosten	Glosten	Glosten	Glosten			Glosten
Valid Certificate of Inspection (COI)	No	No	Yes	Yes	No	Yes	Yes	NA	Yes	Yes
	Certification Date: 11/16/2018	Certification Date: 12/26/18	Certification Date: 02/21/19	Certification Date: 11/17/19	Certification Date: 12/12/18	Certification Date: 04/04/19	Certification Date: 01/58/19		Certification Date: 04/12/19	Certification Date: 05/03/19
Date of Certificate of Operation	Expiration Date: 11/16/2019	Expiration Date: 12/26/2019	Expiration Date: 02/21/2020	Expiration Date: 11/17/2020	Expiration Date: 12/12/2019	Expiration Date: 04/04/20	Expiration Date: 01/25/24	NA	Expiration Date: 04/12/20	Expiration Date: 05/03/20
·										
L	5 0 4 4 1111	5.5.4.00								
Additional Costs if COI Expires	5.0 Million	5.5 Million	15.5 Million		1.75 Million					
					Original Estimated Budget: \$21,000					
Annual overhaul in FY20 & est. cost FY20				0.1.15.1.1.15.1.15.5	Actual Expenditures to Date: Risk Management Funds	0.1. 15.1 10.1 . 40.707.000				
Annual Budget-FY20 Expended as of	Original Estimated Budget: \$810,000	Original Estimated Budget: \$1,178,200	Original Estimated Budget: \$663,500	Original Estimated Budget: \$625,000	approximately \$500K	Original Estimated Budget: \$2,707,000	Original Estimated Budget: \$428,200	Original Estimated Budget: \$0		Original Estimated Budget: \$1,685,500
01/01/2020	Actual Expenditures to Date: \$183,484	Actual Expenditures to Date: \$ 1,770,214	Actual Expenditures to Date: \$150,731	Actual Expenditures to Date: \$193,736	Annual overhaul is estimated @ \$1.5 million	Actual Expenditures to Date: Overhaul Just Began	Actual Expenditures to Date: \$7,757	Actual Expenditures to Date: \$0	Expenditures to Date: \$0	Actual Expenditures to Date: \$105,833
Annual Overhauls in FY21	*no overhaul currently planned	Estimated FY21 Budget: \$2,000,000	*no overhaul currently planned	Estimated FY21 Budget: \$2,750,000	Estimated FY21 Budget: 3,000,000	Estimated FY21 Budget: \$2,500,000	Estimated FY21 Budget: \$750,000		Estimated FY21 Budget: \$1,200,000	Estimated FY20 Budget: \$2,500,000
Weekly Operating Costs**	\$186,00	\$161,00	90 \$361,00	\$345,0	\$477,	\$423,00	\$20,00	0 \$169,000	\$169,00	\$260,00
		1					1		July 1, 2019 - Sept. 15, 2019 Nov.	l
		July 1, 2019 - Sept. 9, 2019			July 1, 2019 - Oct. 2, 2019	July 1, 2019 - Oct. 7, 2019	July 1, 2019 - Jan. 9, 2020	l.,	21, 2019 - Jan. 19, 2020 Mar. 1,	July 1, 2019 - Jan. 14, 2020
Dates of Operation in FY20***	July 1, 2019 - Oct. 31, 2019	May 20, 2020 - June 30, 2020	July 1, 2019 - Dec. 1, 2019	Dec. 2, 2019 - June 30, 2020	May 6, 2020 - June 30, 2020	April 16, 2020 - June 30, 2020	Jan. 26, 2020 - June 30, 2020	None currently planned	2020 - June 30, 2020	May 1, 2020 - June 30, 2020
Cost of Recertification of Lapsed COI	5.0 Million	5.5 Million	15.5 Million		1.75 Million					

^{**}The weekly operating costs listed are the average weekly costs and include direct vessel operating costs only. They do not include any vessel overhead or shoreside costs to support vessel operations.

***These are the planned operating dates as of 1/21/20