



Alaska Department of Transportation & Public Facilities

Senate Finance Subcommittee Alaska Marine Highway System

Matt McLaren, AMHS Business Development Manager

March 18, 2020

Our mission is to ***Keep Alaska Moving*** through service and infrastructure.

FY2021 AMHS

Requested Scenario

Description	FY2019 Actual	FY2020 Authorized	FY2021 Governor's Proposed Budget	FY2021 House Approved Budget	*FY2021 Committee Requested Scenario A	**FY2021 Scenario B No Capital Increase
Weeks of Service	329.1	254.3	263.1	323.6	334.5	308.8
Revenue	\$ 50,804.1	\$ 38,423.5	\$ 46,332.5	\$ 51,563.6	\$ 52,276.6	\$ 48,119.5
Fare Box Recovery	36%	47%	46%	45%	42%	42%
Funding Sources						
UGF	\$ 85,990.5	\$ 46,002.2	\$ 49,905.4	\$ 61,218.3	\$ 66,702.2	\$ 67,411.1
DGF	\$ 50,804.0	\$ 44,825.5	\$ 46,332.5	\$ 53,758.2	\$ 52,276.6	\$ 48,245.3
Motor Fuel Tax	\$ 3,617.1	\$ 3,617.1	\$ 3,617.1	\$ 3,617.1	\$ 3,617.1	\$ 3,617.1
CIP Receipts	\$ 399.0	\$ 1,921.9	\$ 849.2	\$ 849.2	\$ 849.2	\$ 849.2
Operating Total	\$140,810.6	\$ 96,366.7	\$ 100,704.2	\$ 119,442.8	\$ 123,445.1	\$ 120,122.7
UGF Increase (Compared to FY2021 Gov.)				\$ 11,312.9	\$ 16,796.8	\$ 17,505.7
DGF Increase (Compared to FY2021 Gov.)				\$ 7,425.7	\$ 5,944.1	\$ 1,912.8
Operating Increase				\$ 18,738.6	\$ 22,740.9	\$ 19,418.5
Est. AMHS Fund Balance Increase/(Decrease)				(\$ 2,194.6)	\$ 0.0	\$ 0.0
Est. Ending AMHS Fund Balance				\$ 5,336.2	\$ 7,530.8	\$ 7,530.8
Est. Capital Increase (UGF, DGF, or Fed)				Aurora: \$ 7,000.0 ACF CQ: \$16,000.0	Aurora: \$ 7,000.0 ACF CQ: \$16,000.0	Aurora: \$ 0.0 ACF CQ: \$ 0.0

July 1st, 2020



*Reflects Committee's requested scenario to eliminate service gaps provide some "backup" service. Provides FY2019 service levels on a full year schedule.

**AMHS would be unable to provide service to Pelican under this scenario. Port calls to SE villages would greatly decline compared to Scenario A.

\$ in Thousands (1,000)



FY2021 Scenario A

Sample Operating Plan

DRAFT

Operating Plan 2020-2021

Revision Number 21.A

3/17/2020

Operating
Weeks

	JUL 2020	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN 2021	
	Implementation of an Operating Plan is dependent upon funding from the legislature and earned revenue.												
KEN	Jul 1, Wed	X-GULF 2			Nov 01, Layup		Jan 1 O.H.		Mar 01 BEL-X-Gulf				35.0
COL	Jul 1, Wed	BEL-Fri						Feb 01, Mon	Overhaul	Apr 01, BEL-Fri			43.7
MAT	Jul 1, Wed	BEL-YPRalt		Oct 3, O.H.	Nov 23, YPR			Feb 2, BEL	Mar 1, BEL-YPRalt				44.9
MAL	Jul 01, Layup												0.0
FWX	Jul 01, Wed Layup												0.0
LIT	Jul 1, Wed	MET Service					Jan 10, Overhaul		Jan 26, MET Service				49.9
LEC	Jul 1, Wed	PWS	Sep 15, OH		Nov 02, Mon	PWS							45.3
TUS	Jul 1, Wed	SW							Mar 1, Overhaul		May 1, Sat	SW	43.4
AUR	Jul, 1 Wed, O.H.				Nov 02, NP								34.6
HUB	Jul 01, Wed	O.H.								Apr 01, NLC			13.0
TAZ	Jul 1, Wed	NP					Dec 21, Mon	Layup					24.7

LEGEND

On Line	BEL - Bellingham to Skagway Route	PWS-Prince William Sound	SW- Southwest
Overhaul	YPR - Prince Rupert to Skagway Route	MET - Metlakatla Service	YPR-X-Gulf-SW Pr. Rupert Cross Gulf Southwest
Layup	BEL-X-Gulf Bellingham Cross Gulf SW	NP - Northern Panhandle	NLC + SIT - Northern Lynn Canal + Sitka

Note: Dates represent the first day of the period. Overhaul and refurbishment periods include vessel travel time.

Mainline Vessels 123.6

Feeder Vessels 108.2

Southwest Vessels 102.7

Total Operating Weeks 334.5

Note: This scenario includes Capital funding to repair the Aurora and add crew quarters to one Alaska Class Ferry (ACF). These projects would not be finished until the winter of FY2021.

03/18/2020

FY2021 Scenario B Sample Operating Plan

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Operating Plan 2020-2021

Revision Number 21.B

3/17/2020

	JUL 2020	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN 2021	Operating Weeks
	Implementation of an Operating Plan is dependent upon funding from the legislature and earned revenue.												
KEN	Jul 1, Wed	X-GULF 2		Oct 15, Layup			Jan 1 O.H.		Mar 01 BEL-X-Gulf				32.6
COL	Jul 1, Wed	BEL-Fri					Jan 02, Sat	Overhaul		Apr 08, BEL-Fri			38.4
MAT	Jul 1, Wed	BEL-YPRalt		Oct 3, O.H.	Nov 23, YPR			Feb 2, BEL	Mar 1, BEL-YPRalt				44.9
MAL	Jul 01, Layup												0.0
FWX	Jul 01, Wed	Layup											0.0
LIT	Jul 1, Wed	MET Service					Jan 10, Overhaul		Jan 26, MET Service				49.9
LEC	Jul 1, Wed	PWS	Sep 15, OH	Nov 02, Mon	PWS								45.3
TUS	Jul 1, Wed	SW						Mar 1, Overhaul		May 1, Sat	SW		43.4
AUR													0.0
HUB	Jul 01, Wed	Layup									May 15, NLC		6.7
TAZ	Jul 1, Wed	NP			TAZ			Feb 16, NP					47.6

LEGEND

On Line	BEL - Bellingham to Skagway Route	PWS-Prince William Sound	SW- Southwest	Mainline Vessels	115.9
Overhaul	YPR - Prince Rupert to Skagway Route	MET - Metlakatla Service	YPR-X-Gulf-SW Pr. Rupert Cross Gulf Southwest	Feeder Vessels	101.9
Layup	BEL-X-Gulf Bellingham Cross Gulf SW	NP - Northern Panhandle	NLC + SIT - Northern Lynn Canal + Sitka	Southwest Vessels	91.0
Note: Dates represent the first day of the period. Overhaul and refurbishment periods include vessel travel time.					0
Total Operating Weeks					308.8

Note: AMHS would be unable to provide service to Pelican under this scenario.

Winter Long-Term Layup vs. Operating Costs

Vessel	Long-Term Layup Costs Per Week*	Winter Operations		
		Weekly Operating Costs	Weekly Operating Revenue	Net Weekly Profit/(Loss)
Fairweather	\$ 5.5	\$ 219.2	\$ 29.0	\$ (190.2)
Chenega	5.5	219.2	26.0	(193.2)
Malaspina	8.6	343.0	247.0	(96.0)
Aurora	5.4	182.1	36.0	(146.1)
TOTAL	\$ 25.0	\$ 963.5	\$ 338.0	\$ (625.5)

*Includes moorage, security, and shore power as needed.

\$ in Thousands (1,000)

FY2020 AMHS

Revenue, Expenditures, & Fund Balance

(thousands)	Actual	Actual	Actual	Actual	YTD through	Projected	Governor's
Description	FY16	FY17	FY18	FY19	2/29/20 FY20	FY20	Budget FY21
Cash Flow							
Sources							
AMHS Generated Revenues	47,158.0	45,759.0	47,316.0	50,804.0	24,826.2	38,423.5	48,793.2
Restricted Revenues (CIP Rcpts)	603.0	659.0	977.0	399.0	200.0	1,921.9	849.2
UGF Appropriations (base budget)	94,958.0	89,263.0	41,949.0	85,991.0	46,002.2	46,002.2	49,905.4
DGF - Motor Fuel Tax (current statute)	-	-	3,552.4	3,617.1	3,617.1	3,617.1	3,617.1
Fuel Trigger Appropriation	-	-	-	-	-	-	-
Excess Fuel Trigger Appropriation	-	-	-	-	-	-	-
Total Sources	142,719.0	135,681.0	93,794.4	140,811.1	74,645.5	89,964.7	103,164.9
Uses							
Vessel Operations (less fuel)	106,661.0	99,029.0	102,272.0	102,849.0	50,246.3	70,696.2	74,461.7
Vessel Fuel Base	16,634.0	15,299.2	18,895.4	19,540.0	7,190.1	12,057.2	12,640.3
Shoreside/ Other	18,606.0	17,320.0	17,556.2	15,279.0	8,980.3	13,613.3	13,602.2
Operating Expenses	141,901.0	131,648.2	138,723.6	137,668.0	66,416.7	96,366.7	100,704.2
Support Services-DOT/DOA	3,280.9	3,280.9	3,287.4	3,204.0	1,641.3	3,282.6	2,460.7
Supplemental (Oper Bdgt)	-	-	-	-	-	7,050.0	-
Annual Vessel Overhaul (Cap Bud)	-	-	-	13,500.0	-	-	15,000.0
Annual Vessel Overhaul (Sup Cap)	-	-	-	1,400.0	-	5,000.0	-
Total Uses	145,181.9	134,929.1	142,011.0	155,772.0	68,058.0	111,699.3	118,164.9
Suplus/(Deficit)	(2,462.9)	751.9	(48,216.6)	(14,960.9)	-	(21,734.6)	(15,000.0)
Traditional Fund -Draw	2,462.9	-	48,216.6	14,960.9	-	21,734.6	15,000.0
Remaining Deficit	-	-	-	-	-	-	-
Capitalization Acct - Draw	-	-	-	-	-	-	-
Remaining Deficit	-	-	-	-	-	-	-
Fund Balances							
Traditional Fund							
BOY Balance	20,907.1	18,444.2	28,660.9	10,444.3	-	25,546.4	3,811.8
Deposits	-	751.9	6,081.8	10,063.0	-	-	16,088.9
Supplemental Deposits	-	9,464.8	23,918.2	20,000.0	-	-	-
Subtotal	20,907.1	28,660.9	58,660.9	40,507.3	-	25,546.4	19,900.7
Withdrawals	(2,462.9)	-	(48,216.6)	(14,960.9)	-	(21,734.6)	(15,000.0)
EOY Balance	18,444.2	28,660.9	10,444.3	25,546.4	-	3,811.8	4,900.7
Capitalization Acct							
BOY Balance	2,644.0	2,630.1	2,630.1	2,630.1	-	2,630.1	2,630.1
Deposits	-	-	-	-	-	-	-
Withdrawals	(13.9)	-	-	-	-	-	-
EOY Balance	2,630.1	2,630.1	2,630.1	2,630.1	-	2,630.1	2,630.1
Total Fund Balance	21,074.3	31,291.0	13,074.4	28,176.5	-	6,441.9	7,530.8



Thank You.

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Glenn Highway near MP 88 and Matanuska Glacier. Photo by Brock Antijunti

