

**State of Alaska
FY2013 Governor's Operating Budget**

**Department of Transportation/Public Facilities
Marine Engineering
Component Budget Summary**

Component: Marine Engineering

Contribution to Department's Mission

Ensure that all Alaska Marine Highway System (AMHS) vessels and terminal facilities are safe, reliable, comfortable, and accessible to all Alaskans and visitors to the State.

Core Services

- Conduct annual fleet and terminal condition surveys to develop functional operational assessments and provide technical information for long-range maintenance and shore facility and vessel development.
- Develop plans, specifications, and estimates, and manage the construction contracts for new vessel construction and for the repair, refurbishment, and modernization of existing AMHS vessels. Assure that the vessels continue to comply with state, federal, and international regulations, as well as all United States Coast Guard (USCG) and marine classification society requirements.
- Support fleet operations through the port engineer functions located in the Ketchikan engineering waterfront facilities. Attend the AMHS vessels at commercial shipyards during both State overhauls and federal aid projects.
- Perform preventive maintenance on 20 widely-dispersed State-owned ferry terminals ranging in location from Homer to Ketchikan. Perform semi-annual inspections and maintenance for regulatory compliance and accomplish upgrades and repairs of the terminal facilities. Terminal facilities include transfer bridges, mooring structures, staging areas and terminal buildings. The majority of terminals are located on the National Highway System.

Key Component Challenges

AMHS has continued the development of our own specific procedures for the vessel operators to follow in accordance with the newly instituted requirements of the Vessel General Permit. This general permit, issued by Environmental Protection Agency (EPA) under the National Pollutant Discharge Elimination System (NPDES) is fairly broad in its requirements. The policies and procedures specific to AMHS will ensure that our vessels are in compliance with this permit in the future.

The EPA is addressing emissions from marine engines in two ways, first through their fuels and second through their emission limits. In May 2004, EPA finalized new requirements for non-road diesel fuel that will decrease the allowable levels of sulfur in fuel used in marine vessels by 99 percent. These fuel improvements, which began to take effect in 2007, create immediate and significant environmental and public health benefits by reducing particulate matter from new and existing engines. Newly instituted EPA emission regulations, specifically targeting locomotives and marine vessels (including ferries) pose several financial challenges for the Alaska Marine Highway System. Since the new regulations are mandated, the system must comply, or those vessels will not be allowed to operate. By taking an in-depth look at our existing diesel platforms (i.e. manufacture/conversion cost) and the regulations, we can develop a cost and phase schedule plan that will stretch out the cost impact to the state. Each vessel's specific solution for both manufacturer refurbishment and Nitrogen Oxide level emission standards will be performed within the current AMHS federal CIP program in accordance with the information found from the research.

Fuel measurement and reporting continues to be a challenge and a priority for AMHS as fuel costs continue to rise and government gets more involved in regulating fuel consumption. AMHS has implemented Stellar Marine vessel monitoring systems to get ahead of the compliance curve and to keep vessel operations at their most efficient rate of fuel consumption. Planning for future projects to include advance technology and industry upgrades is important to the AMHS advancement as a fiscally responsible operating entity. This includes the consideration of the passenger vessel move towards Liquefied Natural Gas (LNG) for marine transportation as a preferred alternative to the current standard diesel engine.

SOLAS – Safety of Life at Sea is an international maritime treaty and requires that marine companies with vessels transiting international waters ensure their ships comply with minimum safety standards in construction, equipment and operation. Because AMHS services the Port of Prince Rupert, BC, AMHS vessels assigned this route must be SOLAS compliant. Towards this compliance, AMHS successfully implemented capital projects on the M/V

Matanuska, M/V Kennicott, and M/V Taku to upgrade ship systems to SOLAS compliance. These special regulatory requirements limit the flexibility of the fleet as it is scheduled, and restricts financial resources as AMHS defines capital projects to bring vessels to code.

Federal funding for capital ferry projects is on the decline. With the loss of earmark funding opportunities, such as the FHWA's Ferry Boat Discretionary Alaska Set-Aside and the FTA's 5309 New Start funds the AMHS has lost approximately \$22 million in direct ferry project funding. Although the State of Alaska did get an additional allocation of \$10 million in formula funding in lieu of the FHWA earmark, AMHS must now compete to fund their projects as every other ADOT region. Legislation supporting ferry transportation in the US was introduced in Congress in May 2011. The US Ferry Systems Investment Act proposes a significant opportunity for targeted project funding for the AMHS. Much will be dependent on how and when Congress will enact a comprehensive highway and transit bill.

We created transition plans for Alaska Marine Highway vessels which will guide design and construction on these vessels to be compliant with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. The transition plans identify non-compliant features within the vessels to target those features for compliant design and reconstruction that are reasonably achievable.

To properly manage the AMHS fleet, a vessel replacement schedule must be developed based on replacement intervals, fleet condition, internal input, consideration of the regional and statewide transportation plans, and state budgetary constraints. A "required capital cost" time line must be developed using the new replacement schedule.

Recruitment of Vessel Construction Managers and Port Engineers, primarily due to retirement and transfer from state service, will continue to be challenging. Hiring qualified candidates that have specialized skills and experience normally requires nationwide recruitment and at least six months lead time.

Significant Changes in Results to be Delivered in FY2013

No significant changes are anticipated.

Major Component Accomplishments in 2011

- Project Summary - Successfully managed seven design projects totaling \$4.6million, three construction projects totaling \$25.6 million and two planning projects totaling 1 million dollars.
- M/V LeConte Construction Federal Aid Project design work included: Renovate accommodation and machinery spaces: inspect/upgrade mechanical and structural as needed in areas being renovated. Remove any asbestos containing material in areas being renovated. Upgrade/modify navigational, communication and lifesaving equipment. Upgrade electrical services, blast and paint decks, bulkheads, overheads, tanks and voids. Perform engine, generator, machinery, deck equipment upgrades. Perform ancillary ships upgrades and dry-dock for regulatory inspections.
- M/V Taku Construction Federal Aid Project work included: SOLAS Fire Safety Modifications including structural fire protection, fire extinguishing upgrade, marine evacuation system replacement, power management system installation as recommended in the 2009 Vessel Condition Survey, the ABS current and future survey status, the Coast Guard inspection status, and compliance with existing and pending regulations, stability assessment, sea trials, and annual overhaul work and dry docking.
- M/V Aurora Habitability & Ship System Refurbishment Design Federal Aid Project work included: Refurbishment accommodation and machinery spaces, main engine refurbishment; mechanical and electrical systems upgrades; preservation of exterior and interior structure; deck equipment upgrades; renovation of crew accommodation spaces; public space upgrades; upgrades as recommended in the 2010 Vessel Condition Survey; the ABS current and future survey status; the Coast Guard inspection status, and compliance with the existing and pending regulations, stability assessment; sea trials; and annual overhaul work and dry docking.
- M/V Tustumena Refurbishment Design Federal Aid Project: Upgrades and renovations to the following systems: EOS, Bridge Wing Stands and Controls, Mechanical Rooms, crew and passenger space, steering pumps, elevator, MSD components, refrigeration, HVAC, Tanks and voids, exterior and interior coatings, car deck doors, crew spaces, passenger spaces, crew space fire screen doors, security camera equipment relocation, galley refurbishment, 1st aid Sat phone, Doppler Speed Log, Bridge Space, Life boat and raft, anchor windless, vessel drawings/records, safety placards, stateroom refurbishment, vehicle lift, ADA

upgrades, IT upgrades. Stability assessment; sea trials, State Funded Annual Overhaul work and dry docking.

- M/V Malaspina Refurbishment Design Federal Aid Project: EOS, Engine Room Alarms, Crew and Passenger Spaces, Anchor Windlass, Car Deck Doors, Passenger and Dumbwaiter Elevators, BT and BT Space, ADA, Piping, Fire Suppression System, Safety Placards, Pass Evacuation, Pollution Control, Tank-void blast and coatings, Hull Blast and Coatings, Window Steel, IT upgrades, Vessel Drawings, HVAC System, Boiler, Heaters, 1st Aid Satellite Phone, CPP, Fairlead and Spring Station Steel, Stability Assessment: Sea trials; State Funded Annual Overhaul work and dry docking.
- M/V Columbia Repower & Ship System Improvements Design Federal Aid Project: Design and prepare construction drawings for installation of replacement main propulsion engines and subsystem upgrades. Project will include review of existing documentation, engine and product identification related to engines, reduction gears, shafting and propulsion equipment, control monitoring, exhaust and waste heat boilers, electrical generation and auxiliary equipment.
- FVF Propulsion System Replacement Design Federal Aid Project: To research and design the replacement main engine propulsion system for the M/V Fairweather and the M/V Chenega.
- Fleetwide Lifesaving Equipment Upgrades Design Federal Aid Project: Identify and upgrade or refurbish AMHS lifesaving equipment.
- Marine Evacuation Slide Design Federal Aid Project: To design and prepare construction drawings for the installation of upgrades to the existing marine evacuation system on board the M/V Malaspina, M/V Columbia, and M/V Tustumena.
- Fleetwide Electrical Generation Upgrade Design Federal Aid Project: Verify the physical condition of the fleet's power generation and distribution systems from the generators to the motor controllers. Information from the fleet condition survey, independent reports, and on board inspections will be utilized to identify any abnormal physical or operating conditions or practices that require alterations or modifications. Correct identified abnormalities in accordance with regulatory requirements and AMHS operation procedures.
- Alaska Class Ferry Design Federal Aid Project: Design and construct the next generation of ferries to begin the replacement of the aging AMHS fleet. These ferries will be environmentally-responsible, fuel-efficient and versatile. They will enhance the AMHS operations on current and future routes within inside-waters and enable the AMHS to continue its tradition of providing safe, reliable service. Alaska Ship & Drydock (ASD) was selected by the State of Alaska as the construction manager/general contractor for the first Alaska Class Ferry. ASD will work with AMHS engineering staff, along with Elliott Bay Design Group, the state's architect and engineering contractor. Once the design is complete, ASD will have the first opportunity to negotiate a contract to build the Alaska Class Ferry for the state.
- ADA Transition Plan Update: Created transition plans for Alaska Marine Highway vessels to guide design and construction on these vessels that is compliant with section 504 of the Rehabilitation Act of 1973 and the ADA act of 1990. The transition plans will identify non-compliant features within the vessel to target those features for compliant design and reconstruction where reasonably achievable.
- Successfully executed the annual Fleet Condition Survey project which included updating the fleet survey documents and database to indicate status of recently completed work and defined regulatory work required to maintain operational status. This year, the AMHS expanded on the deferred maintenance tracking system as well as work package development. In addition, a preliminary 10 year refurbishment/replacement plan was developed that can be used during future system planning development.
- AMHS continues to work toward reducing the frequency and severity of terminal casualties and emergency repairs. This is being accomplished through the use of improved, condition-based, planned, and programmed preventive maintenance. Planned maintenance projects that were completed this year include: Auke Bay Terminal Exterior Door Replacement which removed all old exterior doors and replaced them with new Aluminum store front doors and hardware; AMHS Underground Storage Tank (UST) Replacement project which removed the underground fuel storage tanks at terminals in Haines, Sitka, Wrangell, Petersburg, and Ketchikan and replaced them with 300 gallon above ground fuel storage tanks to bring them back into compliance with current ADEC regulations; Cordova Heat Trace Modifications Project which included removal of all the old failed heat tape and controls from the potable waterline and sewage lines located on the dock in Cordova; Staging Area Lighting Refurbishment Project (Ketchikan-Homer-Whittier Terminals) which consisted of the removal and replacement of all pole mounted lighting fixtures; Whittier Ferry Terminal Clerestory Window Removal project which consisted of removing the existing steel siding and Clerestory Window that was leaking at the Whittier Ferry Terminal; Ward Cove Marine Engineering Building phase II Design completed for the renovation of the former Ketchikan Gateway Forest Products veneer building renovation which will convert space for the Marine Engineering Department Administration and

warehouse; Hoist Cable Replacement at the Haines Ferry Terminal; Whittier terminal Heating, Ventilation, and Air Conditioning (HVAC) Control upgrade project which consisted of replacing the existing HVAC controls with DDC Controls (Direct Digital Controls); Transfer Bridge Seaward Bearing Replacements at AMHS Terminals in South Mitkof, Ketchikan Berth III, and Juneau Auke Bay Stern Berth; Ketchikan Berth III Float Restraint Rehab Project which consisted of the removal of the old rubber fenders and the fabrication of two new steel rollers; Float Repainting Project which consisted of the re-coating of the mooring floats at terminals in Auke Bay LeConte berth, Auke Bay main berth, and Kake.

Statutory and Regulatory Authority

AS 19 Highways & Ferries
AS 44 State Government

Contact Information
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**Marine Engineering
Component Financial Summary**

All dollars shown in thousands

	FY2011 Actuals	FY2012 Management Plan	FY2013 Governor
Non-Formula Program:			
Component Expenditures:			
71000 Personal Services	2,755.0	3,101.3	3,145.6
72000 Travel	42.0	78.5	78.5
73000 Services	225.1	233.7	233.7
74000 Commodities	68.3	100.0	100.0
75000 Capital Outlay	0.0	0.0	0.0
77000 Grants, Benefits	0.0	0.0	0.0
78000 Miscellaneous	0.0	0.0	0.0
Expenditure Totals	3,090.4	3,513.5	3,557.8
Funding Sources:			
1004 General Fund Receipts	54.6	108.9	111.8
1061 Capital Improvement Project Receipts	1,245.3	1,601.8	1,636.7
1076 Marine Highway System Fund	1,790.5	1,802.8	1,809.3
Funding Totals	3,090.4	3,513.5	3,557.8

Estimated Revenue Collections

Description	Master Revenue Account	FY2011 Actuals	FY2012 Management Plan	FY2013 Governor
Unrestricted Revenues				
None.		0.0	0.0	0.0
Unrestricted Total		0.0	0.0	0.0
Restricted Revenues				
Capital Improvement Project Receipts	51200	1,245.3	1,601.8	1,636.7
Restricted Total		1,245.3	1,601.8	1,636.7
Total Estimated Revenues		1,245.3	1,601.8	1,636.7

**Summary of Component Budget Changes
From FY2012 Management Plan to FY2013 Governor**

All dollars shown in thousands

	<u>Unrestricted Gen (UGF)</u>	<u>Designated Gen (DGF)</u>	<u>Other Funds</u>	<u>Federal Funds</u>	<u>Total Funds</u>
FY2012 Management Plan	108.9	1,802.8	1,601.8	0.0	3,513.5
Adjustments which will continue current level of service:					
-FY2013 Salary Increases	1.9	4.7	27.1	0.0	33.7
-FY2013 Health Insurance Increases	1.0	1.8	7.8	0.0	10.6
FY2013 Governor	111.8	1,809.3	1,636.7	0.0	3,557.8

**Marine Engineering
Personal Services Information**

Authorized Positions			Personal Services Costs	
	<u>FY2012 Management Plan</u>	<u>FY2013 Governor</u>		
Full-time	21	21	Annual Salaries	1,294,019
Part-time	0	0	COLA	2,855
Nonpermanent	2	2	Premium Pay	414,858
			Annual Benefits	900,056
			<i>Less 3.30% Vacancy Factor</i>	<i>(86,188)</i>
			Lump Sum Premium Pay	620,000
Totals	23	23	Total Personal Services	3,145,600

Position Classification Summary

Job Class Title	Anchorage	Fairbanks	Juneau	Others	Total
Facilities Manager I	0	0	0	1	1
Maint Gen Journey	0	0	1	2	3
Maint Spec Bfc Jrny II/Lead	0	0	1	0	1
Marine Trans Svcs Mgr	0	0	0	1	1
Stock & Parts Svcs Journey II	0	0	0	4	4
Trans Planner I	0	0	0	1	1
Vessel Const Manager II	0	0	0	6	6
Vessel Const Manager III	0	0	0	2	2
Totals	0	0	2	17	19

Component Detail All Funds
Department of Transportation/Public Facilities

Component: Marine Engineering (2359)
RDU: Marine Highway System (334)

	FY2011 Actuals	FY2012 Conference Committee	FY2012 Authorized	FY2012 Management Plan	FY2013 Governor	FY2012 Management Plan vs FY2013 Governor	
71000 Personal Services	2,755.0	3,175.5	3,175.5	3,101.3	3,145.6	44.3	1.4%
72000 Travel	42.0	78.5	78.5	78.5	78.5	0.0	0.0%
73000 Services	225.1	233.7	233.7	233.7	233.7	0.0	0.0%
74000 Commodities	68.3	100.0	100.0	100.0	100.0	0.0	0.0%
75000 Capital Outlay	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
77000 Grants, Benefits	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
78000 Miscellaneous	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Totals	3,090.4	3,587.7	3,587.7	3,513.5	3,557.8	44.3	1.3%
Fund Sources:							
1004 Gen Fund (UGF)	54.6	108.9	108.9	108.9	111.8	2.9	2.7%
1061 CIP Rcpts (Other)	1,245.3	1,601.8	1,601.8	1,601.8	1,636.7	34.9	2.2%
1076 Marine Hwy (DGF)	1,790.5	1,877.0	1,877.0	1,802.8	1,809.3	6.5	0.4%
Unrestricted General (UGF)	54.6	108.9	108.9	108.9	111.8	2.9	2.7%
Designated General (DGF)	1,790.5	1,877.0	1,877.0	1,802.8	1,809.3	6.5	0.4%
Other Funds	1,245.3	1,601.8	1,601.8	1,601.8	1,636.7	34.9	2.2%
Federal Funds	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Positions:							
Permanent Full Time	21	22	22	21	21	0	0.0%
Permanent Part Time	0	0	0	0	0	0	0.0%
Non Permanent	2	2	2	2	2	0	0.0%

Change Record Detail - Multiple Scenarios With Descriptions
Department of Transportation/Public Facilities

Component: Marine Engineering (2359)
RDU: Marine Highway System (334)

Scenario/Change Record Title	Trans Type	Totals	Personal Services	Travel	Services	Commodities	Capital Outlay	Grants, Benefits	Miscellaneous	Positions		NP
										PFT	PPT	
***** Changes From FY2012 Conference Committee To FY2012 Authorized *****												
FY2012 Conference Committee												
	ConfCom	3,587.7	3,175.5	78.5	233.7	100.0	0.0	0.0	0.0	22	0	2
1004 Gen Fund		108.9										
1061 CIP Rcpts		1,601.8										
1076 Marine Hwy		1,877.0										
Subtotal		3,587.7	3,175.5	78.5	233.7	100.0	0.0	0.0	0.0	22	0	2

***** Changes From FY2012 Authorized To FY2012 Management Plan *****												
Transfer Filled PCN 25-3334 and Funding to Vessel Operations Management												
	Trout	-74.2	-74.2	0.0	0.0	0.0	0.0	0.0	0.0	-1	0	0
1076 Marine Hwy		-74.2										

Transfer out filled PCN 25-3334, a permanent full-time Data Processing Technician I/II, to Vessel Operations Management.

When PCN 25-3334 was reclassified to a Data Processing Tech I/II to manage and maintain the Asset Management Operation System (AMOS) software program, our Information Technologies (IT) group was understaffed and overburdened with work on the vessels, at the terminals and at the division headquarters. As AMOS is a Marine Engineering program, the position was put under the supervision of the Marine Engineering component, but this caused difficulties as there was not the technical assistance this position needed.

With the IT staff in place, they can now offer the support and mentoring this position needs to acquire the skills to maintain the AMOS software system. The IT staff will also be able to provide the necessary backup of the software and hardware the system requires.

Action was approved 1/27/11 via ADN 25-1-3128 by OMB.

Subtotal		3,513.5	3,101.3	78.5	233.7	100.0	0.0	0.0	0.0	21	0	2
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***** Changes From FY2012 Management Plan To FY2013 Governor *****												
FY2013 Salary Increases												
	SalAdj	33.7	33.7	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
1004 Gen Fund		1.9										
1061 CIP Rcpts		27.1										
1076 Marine Hwy		4.7										
FY2013 Salary Increases: \$33.7												
FY2013 Health Insurance Increases												
	SalAdj	10.6	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
1004 Gen Fund		1.0										

Change Record Detail - Multiple Scenarios With Descriptions
Department of Transportation/Public Facilities

Component: Marine Engineering (2359)
RDU: Marine Highway System (334)

Scenario/Change Record Title	Trans Type	Totals	Personal Services	Travel	Services	Commodities	Capital Outlay	Grants, Benefits	Miscellaneous	Positions		NP
										PFT	PPT	
1061 CIP Rcpts		7.8										
1076 Marine Hwy		1.8										
FY2013 Health Insurance Increases: \$10.6												
	Totals	3,557.8	3,145.6	78.5	233.7	100.0	0.0	0.0	0.0	21	0	2

Department of Transportation/Public Facilities

Scenario: FY2013 Governor (9494)
Component: Marine Engineering (2359)
RDU: Marine Highway System (334)

PCN	Job Class Title	Time Status	Retire Code	Barg Unit	Location	Salary Sched	Range / Step	Comp Months	Split / Count	Annual Salaries	COLA	Premium Pay	Annual Benefits	Total Costs	GF Amount
25-1727	Vessel Const Manager III	FT	A	SS	Ketchikan	200	24B / B	12.0		88,500	0	0	49,530	138,030	138,030
25-2537	Maint Spec Bfc Jrny II/Lead	FT	A	LL	Juneau	2AA	51J / K	12.0		64,058	0	29,565	50,361	143,984	143,984
25-3153	Stock & Parts Svcs Journey II	FT	A	LL	Ketchikan	2AA	54B / C	12.0		44,229	0	3,636	33,079	80,944	80,944
25-3164	Facilities Manager I	FT	A	SS	Ketchikan	200	20L / M	12.0		86,925	0	0	48,936	135,861	135,861
25-3173	Vessel Const Manager II	FT	A	GP	Ketchikan	200	22D / E	12.0		79,794	0	51,626	64,738	196,158	0
25-3176	Vessel Const Manager II	FT	A	GP	Ketchikan	200	22F / G	12.0		86,568	0	55,679	68,164	210,411	0
25-3180	Vessel Const Manager III	FT	A	SS	Ketchikan	200	24L / M	12.0		115,461	0	0	59,183	174,644	174,644
25-3181	Vessel Const Manager II	FT	A	GP	Ketchikan	200	22J	12.0		91,620	0	52,852	68,868	213,340	0
25-3183	Vessel Const Manager II	FT	A	GP	Ketchikan	200	22F / G	12.0		86,451	0	58,954	69,163	214,568	13,368
25-3312	Maint Gen Journey	FT	A	LL	Ketchikan	2AA	54A / B	12.0		42,917	0	12,774	36,035	91,726	91,726
25-3329	Stock & Parts Svcs Journey II	FT	A	LL	Bellingham Wa	2ZZ	54L	12.0		51,812	0	1,992	35,322	89,126	89,126
25-3346	Marine Trans Svcs Mgr	FT	A	XE	Ketchikan	NAA	24K / L	12.0		108,456	2,855	0	56,822	168,133	168,133
25-3361	Maint Gen Journey	FT	A	LL	Juneau	2AA	54F / J	12.0		51,110	0	18,975	41,471	111,556	111,556
25-3391	Vessel Const Manager II	FT	A	GP	Ketchikan	200	22F / G	12.0		85,749	0	55,875	67,967	209,591	0
25-3415	Maint Gen Journey	FT	A	LL	Ketchikan	2AA	54J / K	12.0		51,267	0	15,750	40,312	107,329	107,329
25-3436	Vessel Const Manager II	FT	A	GP	Ketchikan	200	22B / C	12.0		75,510	0	57,180	65,140	197,830	0
25-3797	Trans Planner I	FT	A	GP	Ketchikan	200	21B / C	12.0		70,300	0	0	43,163	113,463	113,463
25-N08020	Stock & Parts Svcs Journey II	NP	N	LL	Bellingham Wa	2ZZ	54A	2.0		6,373	0	0	864	7,237	7,237
25-N08037	Stock & Parts Svcs Journey II	NP	N	LL	Ketchikan	2AA	54A	2.0		6,919	0	0	938	7,857	7,857

Total Positions				Total Salary Costs:	1,294,019
Full Time Positions:	17	0	0	Total COLA:	2,855
Part Time Positions:	0	0	0	Total Premium Pay::	414,858
Non Permanent Positions:	2	0	0	Total Benefits:	900,056
Positions in Component:	19	0	0	Total Pre-Vacancy:	2,611,788
				Minus Vacancy Adjustment of 3.30%:	(86,188)
Total Component Months:	208.0			Total Post-Vacancy:	2,525,600
				Plus Lump Sum Premium Pay:	620,000
				Personal Services Line 100:	3,145,600

Department of Transportation/Public Facilities

Scenario: FY2013 Governor (9494)
Component: Marine Engineering (2359)
RDU: Marine Highway System (334)

PCN Funding Sources:	Pre-Vacancy	Post-Vacancy	Percent
1004 General Fund Receipts	115,602	111,788	4.43%
1039 U/A Indirect Cost Recovery	351,037	339,453	13.44%
1061 Capital Improvement Project Receipts	1,228,530	1,187,989	47.04%
1076 Marine Highway System Fund	916,618	886,370	35.10%
Total PCN Funding:	2,611,788	2,525,600	100.00%

Lump Sum Funding Sources:	Amount	Percent
1076 Marine Highway System Fund	620,000	100.00%
Total Lump Sum Funding:	620,000	100.00%

Line Item Detail
Department of Transportation/Public Facilities
Travel

Component: Marine Engineering (2359)
RDU: Marine Highway System (334)

Line Number	Line Name		FY2011 Actuals	FY2012 Management Plan	FY2013 Governor
72000	Travel		42.0	78.5	78.5
Expenditure Account	Servicing Agency	Explanation	FY2011 Actuals	FY2012 Management Plan	FY2013 Governor
72000 Travel Detail Totals			42.0	78.5	78.5
72100	Instate Travel	Field travel for maintenance workers to remote terminals and for port engineers and vessel constructions staff to travel on non-vessel or non-project specific functions.	18.6	47.5	55.1
72400	Out Of State Travel	Out of State travel associated with Vessel Overhaul projects.	3.3	10.0	10.0
72700	Moving Costs	Moving and relocation costs for employees; includes the pre-move meals and lodging, temporary meals and lodging and the actual move costs paid to both vendors and employees.	20.1	21.0	13.4

Line Item Detail
Department of Transportation/Public Facilities
Services

Component: Marine Engineering (2359)
RDU: Marine Highway System (334)

Line Number	Line Name		FY2011 Actuals	FY2012 Management Plan	FY2013 Governor
73000	Services		225.1	233.7	233.7
Expenditure Account	Servicing Agency	Explanation	FY2011 Actuals	FY2012 Management Plan	FY2013 Governor
73000 Services Detail Totals			225.1	233.7	233.7
73025	Education Services	Training for procurement, contract management, software use, and to improve supervisory skills.	0.0	0.5	0.5
73150	Information Technlgy	Represents a broad range of data-processing, telecommunications and communications services.	11.5	12.0	10.0
73156	Telecommunication	Local, long distance and cellular phone services.	27.0	30.0	31.0
73175	Health Services	Required drug testing for facility maintenance employees who are required to have commercial drivers license and operate machinery.	0.5	0.5	0.5
73225	Delivery Services	Freight for Port Engineers, Facility Maintenance and Vessel Construction Managers parts and supplies.	2.0	2.0	1.0
73525	Utilities	Utilities at Ketchikan maintenance facility and office.	25.0	25.0	26.5
73650	Struc/Infstruct/Land	Inspections and testing for the facilities and janitorial services for the Port Engineers.	7.1	7.5	7.3
73651	Architect/Engineer-Non-IA Svcs	Architect and engineering services provided for the many vessel and facility projects.	30.5	30.5	30.6
73655	Repairs/Maint. (Non IA-Struct/Infs/Land)	Contracted repair and maintenance at terminals for specialized work, including heavy lifting of fender system components and snow plowing.	13.1	13.2	15.0
73675	Equipment/Machinery	Repairs and maintenance to office furniture, office equipment, vehicles, mechanical equipment such as heating, plumbing and electrical. Rental costs of equipment such as manlifts, excavators and saws used in the maintenance of facilities.	17.2	19.5	18.0
73686	Rentals/Leases (Non IA-Eq/Machinery)	Lease of copier.	4.5	4.5	4.5
73750	Other Services (Non IA Svcs)	Safety services such as fire alarm testing and maintenance. Print and copy services.	1.7	2.0	2.0

Line Item Detail
Department of Transportation/Public Facilities
Services

Component: Marine Engineering (2359)
RDU: Marine Highway System (334)

Expenditure Account	Servicing Agency	Explanation	FY2011 Actuals	FY2012 Management Plan	FY2013 Governor
73000 Services Detail Totals			225.1	233.7	233.7
73806	IT-Telecommunication	Enterprise Technology Services Telecommunications services provided by the Department of Administration, Enterprise Technology Services, such as basic telephone services, equipment and features, dedicated voice/data line service, statewide paging, two-way radio, and video conferencing.	3.7	4.0	4.0
73808	Building Maintenance	Mechanical Inspection Boiler Inspections.	0.0	0.1	0.1
73809	Mail	Central Mail Chargeback fees for central mail services such as mailing vendor payments (AKSAS) and payroll warrants (AKPAY).	0.3	0.4	0.4
73815	Financial	Finance Chargeback fees for AKSAS and AKPAY.	1.1	1.2	1.3
73816	ADA Compliance	Americans With Disabilities Chargeback fees for the statewide coordinator of the Americans with Disabilities Act (ADA).	0.2	0.3	0.3
73819	Commission Sales (IA Svcs)	State Travel Office Processing fees charged by the State Travel Office.	0.2	0.5	0.7
73848	State Equip Fleet	State Equipment Fleet Admin SEF vehicles for terminal maintenance.	79.5	80.0	80.0

Line Item Detail
Department of Transportation/Public Facilities
Commodities

Component: Marine Engineering (2359)
RDU: Marine Highway System (334)

Line Number	Line Name		FY2011 Actuals	FY2012 Management Plan	FY2013 Governor
74000	Commodities		68.3	100.0	100.0
Expenditure Account	Servicing Agency	Explanation	FY2011 Actuals	FY2012 Management Plan	FY2013 Governor
74000 Commodities Detail Totals			68.3	100.0	100.0
74200	Business	Office supplies, equipment, furniture, supplies and subscriptions.	12.3	31.5	30.5
74480	Household & Instit.	Cleaning supplies.	0.9	1.5	1.5
74600	Safety (Commodities)	Safety supplies for facilities maintenance staff.	8.7	9.0	9.0
74650	Repair/Maintenance (Commodities)	Materials and supplies to support the maintenance and repair activities at all state owned terminals including furnaces, motors, pumps, hydraulic cylinders, cable shackles, pin, timber, rope, bridge parts, and cathodic protection zincs.	46.4	58.0	59.0

Restricted Revenue Detail
Department of Transportation/Public Facilities

Component: Marine Engineering (2359)
RDU: Marine Highway System (334)

Master Account	Revenue Description				FY2011 Actuals	FY2012 Management Plan	FY2013 Governor
51200	Capital Improvement Project Receipts				1,245.3	1,601.8	1,636.7
Detail Information							
Revenue Amount	Revenue Description	Component	Collocation Code	AKSAS Fund	FY2011 Actuals	FY2012 Management Plan	FY2013 Governor
51201	Direct CIP Receipts To provide direct engineering support for Capital Improvement Program projects.				984.5	1,161.0	1,188.0
59465	Indirect CIP Receipts Recovery of indirect costs from the capital budget via the department's Indirect Cost Allocation Plan (ICAP).				260.8	440.8	448.7

Inter-Agency Services
Department of Transportation/Public Facilities

Component: Marine Engineering (2359)
RDU: Marine Highway System (334)

Expenditure Account	Service Description	Service Type	Servicing Agency	FY2012			
				FY2011 Actuals	Management Plan	FY2013 Governor	
73806	IT-Telecommunication	Telecommunications services provided by the Department of Administration, Enterprise Technology Services, such as basic telephone services, equipment and features, dedicated voice/data line service, statewide paging, two-way radio, and video conferencing.	Inter-dept	Enterprise Technology Services	3.7	4.0	4.0
73806 IT-Telecommunication subtotal:					3.7	4.0	4.0
73808	Building Maintenance	Boiler Inspections.	Inter-dept	Mechanical Inspection	0.0	0.1	0.1
73808 Building Maintenance subtotal:					0.0	0.1	0.1
73809	Mail	Chargeback fees for central mail services such as mailing vendor payments (AKSAS) and payroll warrants (AKPAY).	Inter-dept	Central Mail	0.3	0.4	0.4
73809 Mail subtotal:					0.3	0.4	0.4
73815	Financial	Chargeback fees for AKSAS and AKPAY.	Inter-dept	Finance	1.1	1.2	1.3
73815 Financial subtotal:					1.1	1.2	1.3
73816	ADA Compliance	Chargeback fees for the statewide coordinator of the Americans with Disabilities Act (ADA).	Inter-dept	Americans With Disabilities	0.2	0.3	0.3
73816 ADA Compliance subtotal:					0.2	0.3	0.3
73819	Commission Sales (IA Svcs)	Processing fees charged by the State Travel Office.	Inter-dept	State Travel Office	0.2	0.5	0.7
73819 Commission Sales (IA Svcs) subtotal:					0.2	0.5	0.7
73848	State Equip Fleet	SEF vehicles for terminal maintenance.	Intra-dept	State Equipment Fleet Admin	79.5	80.0	80.0
73848 State Equip Fleet subtotal:					79.5	80.0	80.0
Marine Engineering total:					85.0	86.5	86.8
Grand Total:					85.0	86.5	86.8