

Table 1. AMHS Annual Operating Revenue by Source, SFY2012 to 2016

| | 2012 | 2013 | 2014 | 2015 | 2016 |
|---------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Passengers | \$17,888,544 | \$17,466,710 | \$17,029,816 | \$18,349,255 | \$16,404,486 |
| Vehicles | \$27,315,678 | \$26,786,302 | \$25,761,463 | \$25,975,979 | \$22,172,699 |
| Staterooms | \$5,935,636 | \$6,136,062 | \$5,339,942 | \$5,783,322 | \$4,094,001 |
| Passenger Services | \$4,660,808 | \$4,797,491 | \$4,378,251 | \$5,460,703 | \$5,634,220 |
| Discounts | -\$2,116,472 | -\$1,953,331 | -\$1,639,149 | -\$1,673,140 | -\$1,147,976 |
| Total | \$53,684,194 | \$53,233,234 | \$50,877,405 | \$53,896,118 | \$47,157,431 |

Source: AMHS, compiled by McDowell Group.

Table 2. AMHS Annual Operating Revenue by Place of Passenger Residence, CY2010 to 2015

| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|----------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Alaska Resident | \$26,882,221 | \$28,241,827 | \$29,177,565 | \$27,282,810 | \$29,062,987 | \$27,980,446 |
| Non Alaska resident | \$18,648,892 | \$19,994,311 | \$20,369,155 | \$19,925,114 | \$20,808,138 | \$20,434,104 |
| Unknown | \$275,353 | \$262,467 | \$278,372 | \$224,507 | \$169,728 | \$186,081 |
| Total | \$45,806,466 | \$48,498,605 | \$49,825,092 | \$47,432,431 | \$50,040,853 | \$48,600,631 |
| % Non-resident | 41% | 41% | 41% | 42% | 42% | 42% |

Source: AMHS, compiled by McDowell Group.

Table 3. Top 10 Van Revenue Port Pairs, CY2013 to 2015

| 2013 | | 2014 | | 2015 | |
|------------------------------|--------------------|----------------|--------------------|----------------|--------------------|
| Port Pair | Revenue | Port Pair | Revenue | Port Pair | Revenue |
| BEL-JNU | \$380,196 | BEL-JNU | \$373,113 | BEL-JNU | \$324,218 |
| JNU-BEL | \$160,035 | HOM-KOD | \$207,328 | KOD-HOM | \$217,302 |
| YPR-JNU | \$157,360 | KOD-HOM | \$203,428 | HOM-KOD | \$204,354 |
| KOD-HOM | \$132,761 | YPR-JNU | \$144,575 | YPR-JNU | \$169,094 |
| HOM-KOD | \$124,938 | HNS-KTN | \$72,004 | JNU-WTR | \$81,302 |
| JNU-YPR | \$101,583 | JNU-WTR | \$61,195 | WTR-KOD | \$62,114 |
| HNS-KTN | \$80,229 | JNU-PR | \$58,603 | JNU-YPR | \$57,154 |
| JNU-WTR | \$76,543 | CDV-WTR | \$49,292 | PSG-BEL | \$48,010 |
| PSG-BEL | \$66,568 | PSG-BEL | \$41,939 | HNS-KTN | \$47,606 |
| WTR-KOD | \$59,306 | HNS-JNU | \$40,455 | KOD-WTR | \$32,930 |
| System Van Rev. Total | \$1,942,410 | | \$1,814,057 | | \$1,763,038 |

Source: AMHS, compiled by McDowell Group.

Table 4. AMHS Annual Operating Revenue by Vessel, SFY2012 to 2016 (\$000)

| | 2012 | 2013 | 2014 | 2015 | 2016 |
|-------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Aurora | \$1,898 | \$2,679 | \$2,421 | \$4,059 | \$2,721 |
| Chenega | \$2,889 | \$2,221 | \$2,358 | \$1,914 | \$675 |
| Columbia | \$13,014 | \$16,635 | \$6,682 | \$11,778 | \$7,471 |
| Fairweather | \$1,659 | \$1,537 | \$1,415 | \$1,684 | \$2,049 |
| Kennicott | \$8,151 | \$9,195 | \$8,425 | \$8,265 | \$7,705 |
| Leconte | \$2,537 | \$2,006 | \$2,499 | \$854 | \$3,634 |
| Lituya | \$822 | \$774 | \$769 | \$848 | \$812 |
| Malaspina | \$5,765 | \$3,133 | \$12,051 | \$11,036 | \$11,316 |
| Matanuska | \$9,003 | \$9,217 | \$7,154 | \$3,989 | \$7,192 |
| Taku | \$4,001 | \$3,839 | \$4,789 | \$5,474 | - |
| Tustumena | \$3,755 | \$1,875 | \$2,106 | \$3,828 | \$3,566 |
| Contract Vessels | \$12 | \$2 | - | - | - |
| Non Vessel | \$180 | \$121 | \$207 | \$167 | \$16 |
| Total | \$53,684 | \$53,234 | \$50,877 | \$53,896 | \$47,157 |

Source: AMHS, compiled by McDowell Group.

Table 5. AMHS Annual Operating Revenue Per Operating Week by Vessel, SFY2012 to 2016

| | 2012 | 2013 | 2014 | 2015 | 2016 |
|--------------------|------------------|------------------|------------------|------------------|------------------|
| Aurora | \$78,755 | \$55,696 | \$56,172 | \$85,273 | \$59,671 |
| Chenega | \$102,811 | \$89,197 | \$85,126 | \$88,203 | \$61,927 |
| Columbia | \$494,829 | \$467,275 | \$624,486 | \$535,364 | \$431,850 |
| Fairweather | \$39,500 | \$53,554 | \$71,106 | \$41,995 | \$96,197 |
| Kennicott | \$241,869 | \$202,533 | \$258,436 | \$275,500 | \$231,381 |
| Leconte | \$52,854 | \$43,233 | \$53,974 | \$49,080 | \$76,667 |
| Lituya | \$16,440 | \$15,511 | \$15,411 | \$17,890 | \$17,388 |
| Malaspina | \$194,764 | \$143,059 | \$279,606 | \$256,056 | \$252,027 |
| Matanuska | \$207,921 | \$214,349 | \$244,164 | \$221,611 | \$151,730 |
| Taku | \$92,189 | \$90,757 | \$107,377 | \$109,699 | -- |
| Tustumena | \$85,341 | \$106,534 | \$70,435 | \$93,139 | \$86,764 |
| Fleet | \$130,143 | \$131,833 | \$134,916 | \$142,469 | \$132,501 |

Source: AMHS, compiled by McDowell Group.

Table 6. AMHS Revenue by Port of Embarkation, CY2015

| Port | Cabin | Car Deck | Passage | Total |
|----------------------|--------------------|---------------------|---------------------|---------------------|
| Bellingham | \$1,853,780 | \$6,116,100 | \$3,424,412 | \$11,394,292 |
| Juneau | \$754,460 | \$4,033,356 | \$3,074,586 | \$7,862,402 |
| Haines | \$642,159 | \$2,729,199 | \$1,700,508 | \$5,071,866 |
| Whittier | \$374,307 | \$2,237,143 | \$1,602,974 | \$4,214,424 |
| Ketchikan | \$506,114 | \$1,935,700 | \$1,498,490 | \$3,940,304 |
| Kodiak | \$308,365 | \$1,278,242 | \$692,279 | \$2,278,886 |
| Homer | \$279,412 | \$1,205,174 | \$702,809 | \$2,187,395 |
| Skagway | \$241,630 | \$873,245 | \$1,017,934 | \$2,132,809 |
| Prince Rupert | \$212,286 | \$930,056 | \$558,193 | \$1,700,535 |
| Sitka | \$164,519 | \$678,503 | \$540,992 | \$1,384,014 |
| Cordova | | \$684,281 | \$627,037 | \$1,311,318 |
| Valdez | | \$461,729 | \$712,934 | \$1,174,663 |
| Petersburg | \$138,256 | \$514,674 | \$376,053 | \$1,028,983 |
| Wrangell | \$96,096 | \$370,011 | \$313,325 | \$779,432 |
| Metlakatla | | \$193,564 | \$245,797 | \$439,361 |
| Hoonah | \$3,021 | \$164,530 | \$115,046 | \$282,597 |
| Dutch Harbor | \$49,693 | \$68,011 | \$88,771 | \$206,475 |
| Gustavus | \$241 | \$108,441 | \$87,379 | \$196,061 |
| Angoon | | \$77,444 | \$92,694 | \$170,138 |
| Kake | \$24,658 | \$57,822 | \$67,246 | \$149,726 |
| Seldovia | \$3,853 | \$79,084 | \$57,824 | \$140,761 |
| Port Lions | \$13,247 | \$58,345 | \$36,979 | \$108,571 |
| Sand Point | \$7,612 | \$32,923 | \$24,863 | \$65,398 |
| King Cove | \$6,900 | \$26,269 | \$30,593 | \$63,762 |
| Yakutat | \$3,828 | \$35,179 | \$9,844 | \$48,851 |
| Ouzinkie | \$1,684 | \$19,145 | \$27,318 | \$48,147 |
| Tenakee | | \$5,451 | \$39,768 | \$45,219 |
| Chignik | \$6,027 | \$14,921 | \$20,866 | \$41,814 |
| Cold Bay | \$3,227 | \$25,217 | \$9,181 | \$37,625 |
| Pelican | | \$17,397 | \$14,495 | \$31,892 |
| Chenega Bay | \$537 | \$16,550 | \$9,852 | \$26,939 |
| Akutan | \$4,384 | \$310 | \$12,161 | \$16,855 |
| False Pass | \$984 | \$3,683 | \$2,950 | \$7,617 |
| Tatitlek | | \$2,473 | \$3,629 | \$6,102 |
| Old Harbor | \$713 | \$2,849 | \$1,835 | \$5,397 |
| Total | \$5,701,993 | \$25,057,021 | \$17,841,617 | \$48,600,631 |

Source: AMHS, compiled by McDowell Group.

Table 7. Top 25 AMHS Revenue Port Pairs, CY2015

| Port | Cabin | Car Deck | Passage | Total |
|----------------|------------------|--------------------|------------------|--------------------|
| BEL-HNS | \$503,822 | \$1,710,775 | \$748,164 | \$2,962,761 |
| BEL-JNU | \$386,607 | \$1,663,483 | \$733,271 | \$2,783,361 |
| HNS-BEL | \$505,924 | \$1,496,045 | \$717,534 | \$2,719,503 |
| BEL-KTN | \$336,421 | \$1,150,323 | \$772,450 | \$2,259,194 |
| JNU-BEL | \$317,626 | \$1,149,467 | \$587,088 | \$2,054,181 |
| WTR-BEL | \$293,135 | \$879,647 | \$488,423 | \$1,661,205 |
| KTN-BEL | \$268,739 | \$865,438 | \$503,494 | \$1,637,671 |
| HOM-KOD | \$197,025 | \$890,161 | \$466,091 | \$1,553,277 |
| BEL-WTR | \$253,496 | \$755,676 | \$485,994 | \$1,495,166 |
| KOD-HOM | \$181,831 | \$852,678 | \$451,686 | \$1,486,195 |
| JNU-HNS | \$34,667 | \$655,309 | \$603,225 | \$1,293,201 |
| HNS-JNU | \$36,649 | \$650,584 | \$605,661 | \$1,292,894 |
| WTR-CDV | | \$619,545 | \$537,190 | \$1,156,735 |
| CDV-WTR | | \$595,173 | \$556,858 | \$1,152,031 |
| VDZ-WTR | | \$381,773 | \$653,044 | \$1,034,817 |
| BEL-SGY | \$209,809 | \$425,136 | \$348,193 | \$983,138 |
| SGY-JNU | \$36,772 | \$378,514 | \$469,746 | \$885,032 |
| JNU-SGY | \$38,195 | \$364,262 | \$449,380 | \$851,837 |
| WTR-VDZ | | \$266,666 | \$416,360 | \$683,026 |
| KTN-JNU | \$79,110 | \$297,079 | \$281,479 | \$657,668 |
| JNU-SIT | \$43,072 | \$280,456 | \$327,906 | \$651,434 |
| SIT-JNU | \$35,704 | \$284,622 | \$324,532 | \$644,858 |
| YPR-JNU | \$75,574 | \$377,993 | \$178,508 | \$632,075 |
| JNU-YPR | \$96,014 | \$313,238 | \$205,412 | \$614,664 |
| SGY-BEL | \$125,281 | \$194,126 | \$222,694 | \$542,101 |

Source: AMHS, compiled by McDowell Group.

Table 8. AMHS Revenue by Port of Embarkation by Passenger Residency, CY2015

| Port | Local | Non-Ak Resident | Other AK Resident | Unknown | Total |
|----------------------|--------------------|------------------------|--------------------------|------------------|---------------------|
| Bellingham | | \$7,544,680 | \$3,825,671 | \$23,941 | \$11,394,292 |
| Juneau | \$2,567,186 | \$2,598,886 | \$2,671,993 | \$24,337 | \$7,862,402 |
| Haines | \$582,746 | \$2,053,127 | \$2,375,828 | \$60,165 | \$5,071,866 |
| Whittier | \$7,006 | \$1,403,215 | \$2,793,717 | \$10,486 | \$4,214,424 |
| Ketchikan | \$1,146,108 | \$1,356,289 | \$1,431,292 | \$6,615 | \$3,940,304 |
| Kodiak | \$983,931 | \$316,651 | \$975,438 | \$2,866 | \$2,278,886 |
| Homer | \$142,260 | \$477,228 | \$1,563,531 | \$4,376 | \$2,187,395 |
| Skagway | \$237,922 | \$1,259,793 | \$615,779 | \$19,315 | \$2,132,809 |
| Prince Rupert | | \$1,252,061 | \$448,083 | \$391 | \$1,700,535 |
| Sitka | \$644,705 | \$382,890 | \$353,179 | \$3,240 | \$1,384,014 |
| Cordova | \$593,073 | \$202,363 | \$512,952 | \$2,930 | \$1,311,318 |
| Valdez | \$55,497 | \$721,856 | \$383,802 | \$13,508 | \$1,174,663 |
| Petersburg | \$450,466 | \$354,652 | \$222,655 | \$1,210 | \$1,028,983 |
| Wrangell | \$310,615 | \$270,675 | \$195,050 | \$3,092 | \$779,432 |
| Metlakatla | \$331,649 | \$25,474 | \$80,561 | \$1,677 | \$439,361 |
| Hoonah | \$133,454 | \$22,109 | \$126,731 | \$303 | \$282,597 |
| Dutch Harbor | \$47,985 | \$87,077 | \$69,413 | \$2,000 | \$206,475 |
| Gustavus | \$91,852 | \$39,398 | \$64,063 | \$748 | \$196,061 |
| Angoon | \$112,261 | \$9,080 | \$48,399 | \$398 | \$170,138 |
| Kake | \$89,134 | \$7,406 | \$52,416 | \$770 | \$149,726 |
| Seldovia | \$64,976 | \$13,864 | \$61,700 | \$221 | \$140,761 |
| Port Lions | \$48,383 | \$3,509 | \$56,679 | | \$108,571 |
| Sand Point | \$27,908 | \$3,198 | \$33,582 | \$710 | \$65,398 |
| King Cove | \$30,456 | \$3,348 | \$28,593 | \$1,365 | \$63,762 |
| Yakutat | \$25,733 | \$6,170 | \$16,948 | | \$48,851 |
| Ouzinkie | \$31,277 | \$583 | \$16,229 | \$58 | \$48,147 |
| Tenakee | \$12,274 | \$4,874 | \$27,519 | \$552 | \$45,219 |
| Chignik | \$17,859 | \$2,062 | \$21,395 | \$498 | \$41,814 |
| Cold Bay | \$9,526 | \$747 | \$27,009 | \$343 | \$37,625 |
| Pelican | \$5,399 | \$7,029 | \$18,974 | \$490 | \$31,892 |
| Chenega Bay | \$5,196 | \$379 | \$20,996 | \$368 | \$26,939 |
| Akutan | \$6,398 | \$612 | \$9,282 | \$563 | \$16,855 |
| False Pass | \$1,883 | \$1,049 | \$4,628 | \$57 | \$7,617 |
| Tatitlek | \$1,138 | \$88 | \$4,876 | | \$6,102 |
| Old Harbor | \$3,293 | \$46 | \$1,934 | \$124 | \$5,397 |
| Total | \$8,819,549 | \$20,432,468 | \$19,160,897 | \$187,717 | \$48,600,631 |

Source: AMHS, compiled by McDowell Group.

Table 9. AMHS Revenue by Port of Embarkation by Season, CY2015

| Port | Summer Total | Winter Total | Grand Total | % Summer | % Winter |
|----------------------|---------------------|---------------------|---------------------|-----------------|-----------------|
| Bellingham | \$7,112,359 | \$4,281,933 | \$11,394,292 | 62% | 38% |
| Juneau | \$5,078,071 | \$2,784,331 | \$7,862,402 | 65% | 35% |
| Haines | \$3,328,147 | \$1,743,719 | \$5,071,866 | 66% | 34% |
| Whittier | \$3,147,573 | \$1,066,851 | \$4,214,424 | 75% | 25% |
| Ketchikan | \$2,309,349 | \$1,630,955 | \$3,940,304 | 59% | 41% |
| Kodiak | \$1,543,774 | \$735,112 | \$2,278,886 | 68% | 32% |
| Homer | \$1,466,122 | \$721,273 | \$2,187,395 | 67% | 33% |
| Skagway | \$1,621,291 | \$511,518 | \$2,132,809 | 76% | 24% |
| Prince Rupert | \$1,339,225 | \$361,310 | \$1,700,535 | 79% | 21% |
| Sitka | \$909,682 | \$474,332 | \$1,384,014 | 66% | 34% |
| Cordova | \$857,863 | \$453,455 | \$1,311,318 | 65% | 35% |
| Valdez | \$1,098,539 | \$76,124 | \$1,174,663 | 94% | 6% |
| Petersburg | \$633,964 | \$395,019 | \$1,028,983 | 62% | 38% |
| Wrangell | \$472,422 | \$307,010 | \$779,432 | 61% | 39% |
| Metlakatla | \$210,041 | \$229,320 | \$439,361 | 48% | 52% |
| Hoonah | \$107,543 | \$175,054 | \$282,597 | 38% | 62% |
| Dutch Harbor | \$206,475 | | \$206,475 | 100% | 0% |
| Gustavus | \$120,127 | \$75,934 | \$196,061 | 61% | 39% |
| Angoon | \$75,368 | \$94,770 | \$170,138 | 44% | 56% |
| Kake | \$53,073 | \$96,653 | \$149,726 | 35% | 65% |
| Seldovia | \$89,522 | \$51,239 | \$140,761 | 64% | 36% |
| Port Lions | \$44,323 | \$64,248 | \$108,571 | 41% | 59% |
| Sand Point | \$65,398 | | \$65,398 | 100% | 0% |
| King Cove | \$63,762 | | \$63,762 | 100% | 0% |
| Yakutat | \$36,951 | \$11,900 | \$48,851 | 76% | 24% |
| Ouzinkie | \$20,644 | \$27,503 | \$48,147 | 43% | 57% |
| Tenakee | \$20,389 | \$24,830 | \$45,219 | 45% | 55% |
| Chignik | \$41,814 | | \$41,814 | 100% | 0% |
| Cold Bay | \$37,625 | | \$37,625 | 100% | 0% |
| Pelican | \$19,525 | \$12,367 | \$31,892 | 61% | 39% |
| Chenega Bay | \$18,947 | \$7,992 | \$26,939 | 70% | 30% |
| Akutan | \$16,855 | | \$16,855 | 100% | 0% |
| False Pass | \$7,617 | | \$7,617 | 100% | 0% |
| Tatitlek | \$3,489 | \$2,613 | \$6,102 | 57% | 43% |
| Old Harbor | \$5,397 | | \$5,397 | 100% | 0% |
| Total | \$32,183,266 | \$16,417,365 | \$48,600,631 | 66% | 34% |

Source: AMHS, compiled by McDowell Group. Summer is defined as May 1 through September 30.

Table 10. AMHS Annual Revenue by Primary Source, by State Fiscal Year, SFY2012 to 2018 (\$000)

| | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 Authorized | 2018 Proposed* |
|-----------------------------|------------------|------------------|------------------|------------------|------------------|--------------------|-------------------|
| Operations | \$53,684 | \$53,234 | \$50,877 | \$53,896 | \$47,158 | \$53,626 | \$51,759 |
| Gen. Fund Allocation | \$116,773 | \$123,760 | \$116,830 | \$112,590 | \$94,958 | \$88,717 | \$85,435 |
| CIP Receipts | \$969 | \$1,047 | \$892 | \$897 | \$603 | \$1,835 | \$1,850 |
| Transfers | (\$4,057.0) | (\$2,490.0) | | | | | |
| Total | \$167,369 | \$175,551 | \$168,599 | \$174,562 | \$142,719 | \$144,178 | \$141,399 |

Source: AMHS, compiled by McDowell Group. *Governor's proposed budget.

DRAFT

Vessel - Terminal Compatibility Matrix

| | | Stern Loading Only | | | | COL | MAT | MAL | TAK | |
|---|---------------------------|---|-------|------|-------|--------------|------|------|------|------|
| | | * = Not Tested | | | | Draft > | 17.5 | 17.0 | 16.8 | 17.0 |
| | | ** = Gustavus: Fair weather and no current due to poor line leads | | | | Stern/Side > | | | | |
| | | Stern | Depth | Side | Depth | | | | | |
| S O U T H E A S T | Angoon | 1 | | | | | | | | |
| | Auke Bay | 1 | | 2 | | X | X | X | X | |
| | Bellingham | 1 | | | | X | X | X | X | |
| | Gustavus | | | | 1 | X* | X | X* | X | |
| | Haines | 1 | | 1 | | X | X | X | X | |
| | Hoonah | | | | 1 | | X | X | X | |
| | Kake | | | | 1 | | X | X | X | |
| | Ketchikan | 1 | | 2 | | X | X | X | X | |
| | Metlakatla (Annette Bay) | | | | 1 | | | | | |
| | Metlakatla (Port Chester) | | | | 1 | | | | | |
| | Pelican | 1 | | | | | | | | |
| | Petersburg | | | | 1 | X | X | X | X | |
| | Prince Rupert | 1 | | | | | X | X | X | |
| | Sitka | | | | 1 | X | X | X | X | |
| | Skagway | | | | 1 | X | X | X | X | |
| Tenakee | | | | 1 | | | | X | | |
| Wrangell | | | | 1 | | | | | | |
| S O U T H W E S T | Yakutat | | | | 1 | | | | | |
| | Chenega | 1 | | | 1 | | | | | |
| | Cordova | 1 | | | 1 | X* | X* | X* | X* | |
| | Homer | 1 | | | 2 | | | | | |
| | Seldovia | | | | 1 | | | | | |
| | Tatitlek/Ellamar | 1 | | | | | | | | |
| | Valdez | | | | 1 | X* | X* | X* | X* | |
| | Whittier | 1 | | | | X* | X* | X* | X* | |
| | Akutan | | | | 1 | | | | | |
| | Chignik | | | | 1 | | | | | |
| | Cold Bay | | | | 1 | | | | | |
| | False Pass | | | | 1 | | | | | |
| | King Cove | | | | 1 | | | | | |
| | Kodiak | | | | 1 | | | | | |
| | Kodiak | | | | 2 | | | | | |
| Old Harbor | | | | 1 | | | | | | |
| Ouzinkie | | | | 1 | | | | | | |
| Port Lions | | | | 1 | | | | | | |
| Sand Point | | | | 1 | | | | | | |
| Unalaska (Dutch Harbor) | | | | 1 | | | | | | |

Vessel - Route Compatibility Matrix

| Non compatible with port | | | | Length > | COLUMBIA | MATANUSKA | MALASPINA |
|--------------------------|-------------------------|---------------|--------------------------------|-----------|----------|-----------|-----------|
| | | | | Beam > | 418 | 408 | 408 |
| | | | | Draft > | 85 | 74 | 74 |
| | | | | Weight > | 17.5 | 17.0 | 16.8 |
| | | | | | 7684 | 5569 | 5994 |
| South West | | Distance (nm) | Protected/Expose99th% Wave Ht. | Sea State | | | |
| | Unalaska (Dutch Harbor) | Akutan | | | | | |
| | Akutan | False Pass | | | | | |
| | False Pass | Cold Bay | | | | | |
| | Cold Bay | King Cove | | | | | |
| | King Cove | Sand Point | | | | | |
| | Sant Point | Chignik | | | | | |
| | Chignik | Kodiak | | | | | |
| | Kodiak | Ouzinkie | | | | | |
| | Ouzinkie | Port Lions | | | | | |
| | Kodiak | Old Harbor | | | | | |
| | Kodiak | Homer | | | | | |
| | Kodiak | Seldovia | | | | | |
| | Kodiak | Chenega Bay | | | | | |
| R | Chenega Bay | Whittier | | | | | |
| O | Chenega Bay | Valdez | | | | | |
| U | Whittier | Valdez | | | | | |
| T | Valdez | Tatitlek | | | | | |
| E | Valdez | Cordova | | | | | |
| | Tatitlek | Cordova | | | | | |
| S | Cross Gulf | | | | | | |
| E | Whittier | Yakutat | | | | | |
| G | Yakutat | Pelican | | | | | |
| M | South East | | | | | | |
| E | Pelican | Gustavus | | | | | |
| N | Gustavus | Hoonah | | 4.6 | | | |
| T | Hoonah | Tenakee | | 4.6 | | | |
| S | Tenakee | Angoon | | 4.6 | | | |
| | Angoon | Sitka | | 4.6 | | | |
| | Angoon | Kake | | | | | |
| | Kake | Juneau | 114 | | | | |
| | Juneau | Skagway | 13 | | | | |
| | Juneau | Haines | 68 | | | | |
| | Haines | Skagway | 26 | 5.9 | | | |
| | Skagway | Hoonah | | | | | |
| | Haines | Hoonah | | | | | |
| | Kake | Petersburg | 65 | | | | |
| | Petersburg | Wrangell | 41 | 4.5 | | | |
| | Wrangell | Ketchikan | 89 | 4.5 | | | |
| | Ketchikan | Metlakatla | 16 | | | | |
| | Metlakatla | Prince Rupert | | | | | |
| | Prince Rupert | Bellingham | | | | | |

Vessel - Traffic Compatibility Matrix

| | | | | COL | MAT | MAL | TAK |
|-------------------------|-----------|---------|---------|----------|----------|----------|----------|
| | | | | Mainline | Mainline | Mainline | Mainline |
| M/D > | | | | | | | |
| Passenger Cap. | | | | #REF! | #REF! | #REF! | #REF! |
| Total Berths | | | | 292 | 243 | 234 | 92 |
| Vehicle Lane | | | | #REF! | #REF! | #REF! | #REF! |
| 20' Vehicle Cap. | | | | #REF! | #REF! | #REF! | #REF! |
| Commercial Van Cap. | | | | #REF! | #REF! | #REF! | #REF! |
| M/D Service | Passenger | Vehicle | Freight | | | | |
| Angoon | | | | | | | |
| Auke Bay | | | | | | | |
| Bellingham | | | | | | | |
| Gustavus | | | | | | | |
| Haines | | | | | | | |
| Hoonah | | | | | | | |
| Kake | | | | | | | |
| Ketchikan | | | | | | | |
| Annette Bay(MET) | | | | | | | |
| Port Chester (MET) | | | | | | | |
| Pelican | | | | | | | |
| Petersburg | | | | | | | |
| Prince Rupert | | | | | | | |
| Sitka | | | | | | | |
| Skagway | | | | | | | |
| Tenakee | | | | | | | |
| Wrangell | | | | | | | |
| Yakutat | | | | | | | |
| Chenega | | | | | | | |
| Cordova | | | | | | | |
| Homer | | | | | | | |
| Seldovia | | | | | | | |
| Tatitlek/Ellamar | | | | | | | |
| Valdez | | | | | | | |
| Whittier | | | | | | | |
| Akutan | | | | | | | |
| Chignik | | | | | | | |
| Cold Bay | | | | | | | |
| False Pass | | | | | | | |
| King Cove | | | | | | | |
| Kodiak (Pier 1) | | | | | | | |
| Kodiak (Pier 2) | | | | | | | |
| Old Harbor | | | | | | | |
| Ouzinkie | | | | | | | |
| Port Lions | | | | | | | |
| Sand Point | | | | | | | |
| Unalaska (Dutch Harbor) | | | | | | | |

Vessel - Route Financial Model

| Vessel Name | COLUMBIA | | |
|----------------------------------|------------------------|------------------------|----------------------|
| | Summer | Winter | Overhaul |
| Particulars | | | |
| Vessel Class | | | |
| Dayboat vs Mainliner | Mainline | Mainline | Mainline |
| Service Speed (kts) | 17.3 | 17.3 | 17.3 |
| Fuel Consumption (gal/hr) | 397 | 397 | 397 |
| Annual Ovhl Maint Cost | \$ 125,000.00 | \$ 125,000.00 | \$ 125,000.00 |
| Weekly Supplies/Svcs Cost | \$ 80,000.00 | \$ 80,000.00 | \$ 80,000.00 |
| Fuel Price per Gallon | \$ 1.95 | \$ 1.95 | \$ 1.95 |
| Service Variables | | | |
| Route Assigned | JNU KTN PR BEL | JNU KTN PR BEL | Maintenance |
| Port Pair 1 Mileage | 295 | 295 | |
| Port Pair 2 Mileage | 91 | 91 | |
| Port Pair 3 Mileage | 514 | 514 | |
| Port Pair 4 Mileage | | | |
| Port Pair 5 Mileage | | | |
| Port Pair 6 Mileage | | | |
| Port Pair 7 Mileage | | | |
| Trips per week on route | 2 | 1 | |
| Miles per week on route | 1800 | 900 | 0 |
| Weeks of Service | 24 | 16 | 12 |
| Crew Cost Per Week (onboard) | \$ 57,203.39 | \$ 57,203.39 | \$ 34,322.03 |
| Crew Cost Per Week (Stby/Re) | \$ 33,898.31 | \$ 33,898.31 | \$ 20,338.98 |
| Ovhl Maint Cost Per Week | \$ 3,125.00 | \$ 3,125.00 | |
| Operating Cost Per Week | \$ 2,000.00 | \$ 2,000.00 | \$ 1,200.00 |
| Fuel Cost Per Week | \$ 88,602.14 | \$ 44,301.07 | |
| Vessel Expenses | \$ 4,435,892.01 | \$ 2,248,444.23 | \$ 670,332.20 |
| Terminal 1 Cost Per Week | \$ 12,000.00 | \$ 12,000.00 | \$ |
| Terminal 2 Cost Per Week | \$ 10,000.00 | \$ 10,000.00 | \$ |
| Terminal 3 Cost Per Week | \$ 10,000.00 | \$ 10,000.00 | \$ |
| Terminal 4 Cost Per Week | \$ 10,000.00 | \$ 10,000.00 | \$ |
| Terminal 5 Cost Per Week | \$ | \$ | \$ |
| Terminal 6 Cost Per Week | \$ | \$ | \$ |
| Terminal 7 Cost Per Week | \$ | \$ | \$ |
| Terminal 8 Cost Per Week | \$ | \$ | \$ |
| Annual Terminal Expenses | \$ 288,000.00 | \$ 192,000.00 | \$ - |
| Revenue Streams | | | |
| Passenger Tariffs | \$ 1,566,666.67 | \$ 783,333.33 | \$ |
| Vehicle Tariffs | \$ 2,017,333.33 | \$ 1,008,666.67 | \$ |
| Cabins | \$ 636,000.00 | \$ 318,000.00 | \$ |
| Freight Tariffs | | | |
| Onboard Sales | \$ 140,000.00 | \$ 70,000.00 | \$ |
| Advertising & Other | | | |
| Annual Income | \$ 4,360,000.00 | \$ 2,180,000.00 | \$ - |
| External Funding Required | \$ 363,892.01 | \$ 260,444.23 | \$ 670,332.20 |