

The following matrix attempts to identify vessels that are well-suited for a given port.

When a vessel cannot fit in a port, the cell is filled with brown.

When a vessel cannot carry at least 85% of the maximum demand from a port, the cell is filled with lavender.

<p>Data below shows the maximum number of passengers/vehicles/vans that departed from each port for the year 2014.</p> <p>Outliers in the data were corrected by taking the second maximum value, such instances are shown in lavender. For this purpose an outlier is a data point greater than 10 that deviates by more than 20% from the second highest value.</p>				
		Passenger	Vehicle	Van
S O U T H  E A S T	Angoon	126	27	5
	Auke Bay			
	Bellingham	163	81	5
	Gustavus	115	23	5
	Haines	260	73	6
	Hoonah	133	37	6
	Kake	89	16	2
	Ketchikan	221	100	5
	Annette Bay	137	22	0
	Pelican	34	9	0
	Petersburg	133	18	3
	Prince Rupert	100	44	5
	Sitka	200	42	3
	Skagway	185	62	3
	Tenakee	52	4	0
Wrangell	91	14	2	
S O U T H  W E S T	Yakutat	11	9	1
	Chenega	16	8	0
	Cordova	130	39	3
	Homer	159	60	54
	Seldovia	122	36	3
	Tatitlek	9	10	0
	Valdez	164	40	3
	Whittier	157	49	7
	Akutan	44	1	0
	Chignik	40	13	0
	Cold Bay	18	10	0
	False Pass	9	5	3
	King Cove	49	9	1
	Kodiak	167	56	8
	Old Harbor	13	6	0
	Ouzinkie	29	7	0
	Port Lions	25	16	0
Sand Point	53	10	6	
Unalaska (Dutch Harbor)	33	7	2	

open ports demand.

if the cell is filled in blue.

	<b>COL</b>	<b>MAT</b>	<b>MAL</b>	<b>TAK</b>
M/D ->	Mainline	Mainline	Mainline	Mainline
Passenger Cap.	499	450	450	350
Total Berths	292	243	234	92
Vehicle Lane	2660	1675	1675	1000
20' Vehicle Cap.	133	83	83	50
Commercial Van Cap.	16	0	10	10
	YES	NO	YES	YES
	YES	YES	YES	YES
	YES	NO	YES	NO
	YES	NO	YES	YES
	YES	NO	YES	NO
	YES	NO	YES	YES
	YES	NO	YES	YES
	YES	NO	NO	NO
	YES	YES	YES	YES
	YES	YES	YES	YES
	YES	NO	YES	YES
	YES	NO	YES	YES
	YES	NO	YES	NO
	YES	YES	YES	YES
	YES	NO	YES	YES
	YES	NO	YES	YES
	YES	YES	YES	YES
	YES	NO	YES	YES
	YES	NO	YES	YES
	YES	NO	YES	YES
	YES	YES	YES	YES
	YES	YES	YES	YES
	YES	YES	YES	YES
	YES	YES	YES	YES
	YES	YES	YES	YES
	YES	YES	YES	YES
	YES	YES	YES	YES
	YES	YES	YES	YES
	YES	NO	YES	YES
	YES	NO	YES	YES

<b>AUR</b>	<b>LEC</b>	<b>TUS</b>	<b>LIT</b>	<b>FWX</b>	<b>CHE</b>
Dayboat	Dayboat	Ocean	Dayboat	Dayboat	Dayboat
250	225	160	125	210	210
0	0	60	0	0	0
660	660	680	300	620	620
33	33	34	15	31	31
5	7	8	6	2	3
YES	YES	YES	NO	NO	NO
YES	YES	YES	YES	YES	YES
NO	NO	NO	NO	NO	NO
YES	YES	YES	NO	NO	NO
NO	NO	NO	NO	NO	NO
NO	YES	YES	NO	NO	NO
YES	YES	YES	YES	YES	YES
NO	NO	NO	NO	NO	NO
YES	YES	YES	NO	YES	YES
YES	YES	YES	YES	YES	YES
YES	YES	YES	NO	NO	YES
NO	NO	NO	NO	NO	NO
NO	NO	NO	NO	NO	NO
NO	NO	NO	NO	NO	NO
YES	YES	YES	YES	YES	YES
YES	YES	YES	YES	YES	YES
YES	YES	YES	YES	YES	YES
NO	NO	YES	NO	NO	NO
NO	NO	NO	NO	NO	NO
YES	YES	YES	NO	NO	YES
YES	YES	YES	YES	YES	YES
NO	NO	YES	NO	NO	NO
NO	NO	NO	NO	NO	NO
YES	YES	YES	YES	YES	YES
YES	YES	YES	YES	YES	YES
YES	YES	YES	YES	YES	YES
YES	YES	YES	YES	NO	YES
YES	YES	YES	YES	YES	YES
NO	NO	NO	NO	NO	NO
YES	YES	YES	YES	YES	YES
YES	YES	YES	YES	YES	YES
YES	YES	YES	YES	YES	YES
NO	YES	YES	YES	NO	NO
YES	YES	YES	YES	YES	YES

KEN	ACF*	TUS REPL	Future Mainliner*
Mainline			
450	300	250	0
320			
1560	0	0	0
78	53	54	0
3	17	0	0
NO	YES	NO	NO
YES	YES	YES	YES
NO	NO	NO	NO
NO	YES	NO	NO
NO	NO	NO	NO
NO	YES	NO	NO
YES	YES	NO	NO
NO	NO	NO	NO
YES	YES	YES	NO
YES	YES	YES	NO
YES	YES	NO	NO
NO	YES	NO	NO
YES	YES	NO	NO
YES	YES	NO	NO
YES	YES	YES	NO
YES	YES	NO	NO
YES	YES	YES	NO
YES	YES	YES	NO
YES	YES	YES	NO
YES	YES	NO	NO
YES	YES	NO	NO
YES	YES	NO	NO
YES	YES	YES	NO
YES	YES	YES	NO
YES	YES	YES	NO
NO	YES	NO	NO
YES	YES	YES	NO
YES	YES	YES	NO
YES	YES	YES	NO
NO	YES	NO	NO
YES	YES	NO	NO