

SENSITIVITY ANALYSIS:

Increase Board Ops Surcharge to 5% on 10/1/2020

TOTAL GROSS PILOTAGES	2,708,551													
Actual 2019 Gross Pilotage Reduced 20%		\$ 2,944,303	\$ 2,567,120	\$ 3,380,653	\$ 2,879,232	\$ 2,980,492	\$ 3,130,229	\$ 2,955,201	\$ 2,678,073	\$ 2,918,348	\$ 3,203,454	\$ 2,412,470		
Board Operations Surcharge Rate	4.50%	4.50%	4.50%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%		
Board Operations Surcharge Calc	\$ 121,885	\$ 132,494	\$ 115,520	\$ 169,033	\$ 143,962	\$ 149,025	\$ 156,511	\$ 147,760	\$ 133,904	\$ 145,917	\$ 160,173	\$ 120,624		
SFBP Cash Paid Amount	\$ 77,681													
													Projected Surcharge Revenues	\$ 1,652,603
													Projected Ending Fund Balance	\$ 1,460,845

Increase Board Ops Surcharge to 5.5% on 10/1/2020

TOTAL GROSS PILOTAGES	2,708,551													
Actual 2019 Gross Pilotage Reduced 20%		\$ 2,944,303	\$ 2,567,120	\$ 3,380,653	\$ 2,879,232	\$ 2,980,492	\$ 3,130,229	\$ 2,955,201	\$ 2,678,073	\$ 2,918,348	\$ 3,203,454	\$ 2,412,470		
Board Operations Surcharge Rate	4.50%	4.50%	4.50%	5.50%	5.50%	5.50%	5.50%	5.50%	5.50%	5.50%	5.50%	5.50%		
Board Operations Surcharge Calc	\$ 3,496	\$ 132,494	\$ 115,520	\$ 185,936	\$ 158,358	\$ 163,927	\$ 172,163	\$ 162,536	\$ 147,294	\$ 160,509	\$ 176,190	\$ 132,686		
SFBP Cash Paid Amount	\$ 77,681													
													Projected Surcharge Revenues	\$ 1,785,293
													Projected Ending Fund Balance	\$ 1,593,535

2019-2020 BOARD OPERATIONS SURCHARGE DATA

Black Print = Actual Data from SFBP Summary Cash Report

2019-2020 Total Adj. Budget Authority	\$ 1,629,000
Beginning FY Fund Balance	\$ 1,698,509
Prior Year Encumbrance Reduction	\$ -
Adjusted Beginning FY Fund Balance	\$ 1,698,509

	Actual												Total Fiscal Year	
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June		
Mill Rate--High Gross Reg Ton	\$ 0.09243	\$ 0.09243	\$ 0.09243	\$ 0.09243	\$ 0.09243	\$ 0.09243	\$ 0.09243	\$ 0.09243	\$ 0.09243	\$ 0.09243	\$ 0.09243	\$ 0.09243	\$ 0.09243	
+ /Draft Foot	\$ 10.26	\$ 10.26	\$ 10.26	\$ 10.26	\$ 10.26	\$ 10.26	\$ 10.26	\$ 10.26	\$ 10.26	\$ 10.26	\$ 10.26	\$ 10.26	\$ 10.26	
Moves:														
Inward Moves	280	275	235	316	275	278	226	216	298	245	229	220		3093
Outward Moves	281	264	244	313	276	281	233	210	306	227	225	210		3070
Bay Moves	132	144	137	155	139	172	140	125	171	125	126	95		1661
River Moves	66	48	28	57	40	34	41	31	42	55	51	50		543
TOTAL MOVES	759	731	644	841	730	765	640	582	817	652	631	575		8367
Tons:														
Inward Pilotage Tons	16,494,257	16,438,785	14,067,760	18,747,628	15,617,130	16,448,922	13,186,703	12,323,342	17,619,546	13,938,062	12,560,525	13,075,005		180,517,665
Outward Pilotage Tons	16,517,790	16,035,549	14,482,452	18,493,274	16,184,031	16,270,322	13,317,917	12,296,655	17,733,473	13,451,519	12,081,777	12,662,759		179,527,518
TOTAL TONS	33,012,047	32,474,334	28,550,212	37,240,902	31,801,161	32,719,244	26,504,620	24,619,997	35,353,019	27,389,581	24,642,302	25,737,764		360,045,183
Draft:														
Inward Pilotage Draft	9,028	8,841	7,595	9,968	8,696	8,946	7,183	6,818	9,661	7,924	7,321	7,151		99,131
Outward Pilotage Draft	8,817	8,302	7,766	9,608	8,566	8,840	7,272	6,556	9,777	7,394	7,143	6,788		96,828
TOTAL DRAFT	17,845	17,143	15,361	19,575	17,262	17,786	14,455	13,373	19,438	15,318	14,464	13,939		195,959
Amounts:														
Inward Pilotage Amount	1,617,571	1,610,445	1,378,492	1,835,490	1,535,194	1,613,299	1,292,941	1,206,958	1,727,696	1,370,870	1,236,362	1,281,980		17,707,298
Outward Pilotage Amount	1,618,396	1,567,344	1,418,536	1,808,579	1,585,544	1,596,425	1,305,964	1,201,807	1,739,417	1,320,144	1,190,049	1,240,062		17,592,266
Bay Moves Amount	161,758	170,037	172,113	196,871	173,511	213,468	174,681	156,515	213,271	165,057	161,687	119,807		2,078,776
Misc Charges	169,311	177,422	146,362	199,990	174,295	190,476	168,783	130,351	189,926	164,344	140,973	118,504		1,970,737
River Moves Amount	217,011	155,132	93,398	184,885	130,496	111,947	133,244	103,533	137,606	187,221	165,372	163,827		1,783,672
TOTAL GROSS PILOTAGES	3,784,046	3,680,379	3,208,901	4,225,816	3,599,040	3,725,615	3,075,613	2,799,164	4,007,916	3,207,636	2,894,443	2,924,180		41,132,749
Board Operations Surcharge Rate ¹	2.75%	2.75%	2.75%	2.75%	2.75%	2.75%	2.75%	2.75%	2.75%	2.75%	2.75%	2.75%		
Board Operations Surcharge Calc	\$ 104,061	\$ 101,210	\$ 88,245	\$ 116,210	\$ 98,974	\$ 102,454	\$ 84,579	\$ 76,977	\$ 110,218	\$ 88,210	\$ 79,597	\$ 80,415		
SFBP Cash Paid Amount	\$ 104,068	\$ 101,230	\$ 88,273	\$ 116,210	\$ 98,974	\$ 102,527	\$ 84,634	\$ 76,995	\$ 110,226	\$ 88,210	\$ 79,587	\$ 80,429		\$ 1,131,364

Surcharge Revenues	\$ 1,131,364
SMIF Interest Earnings	\$ 68,058
Total Revenues	\$ 1,199,422
(FM 11) Projected Expenditures	\$ (1,399,689)
Direct Funds Transfers Out	\$ (99,000)
Projected Ending Fund Balance	\$ 1,399,242

Notes:

¹ Board Operations Surcharge changed from 3% to 2.75%, effective 7/1/2018.