11/24/2020

2020-2021 BOARD OPERATIONS SURCHARGE DATA

Black Print = Actual Data from SFBP Summary Cash Report

Blue Print = Projected Data

2020-2021 Total Budget Authority	**$**	**1,589,000**
Beginning FY Fund Balance	**$**	**1,379,276**
Prior Year Encumbrance Reduction	**$**	**-**
Adjusted Beginning FY Fund Balance	**$**	**1,379,276**
Direct Funds Transfer Out	**$**	**(20,000)**
General Fund Loan	**$**	**(63,000)**
Adjusted FY Fund Balance	**$**	**1,296,276**

	Actual				Projected								Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Fiscal Year
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	
+ /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	
Moves:													
Inward Moves	203	262	220	243									928
Outward Moves	207	273	231	226									937
Bay Moves	92	118	116	120									446
River Moves	47	42	56	52									197
TOTAL MOVES	**549**	**695**	**623**	**641**									2508
Tons:													
Inward Pilotage Tons	11,841,913	16,279,163	12,277,175	14,336,612									54,734,863
Outward Pilotage Tons	11,782,667	16,824,032	13,144,558	13,525,435									55,276,692
TOTAL TONS	**23,624,580**	**33,103,195**	**25,421,733**	**27,862,047**									110,011,555
Draft:													
Inward Pilotage Draft	6,554	8,561	7,022	7,867									30,004
Outward Pilotage Draft	6,520	8,642	7,198	7,111									29,471
TOTAL DRAFT	**13,074**	**17,203**	**14,220**	**14,978**									59,475
Amounts:													
Inward Pilotage Amount	1,162,678	1,593,531	1,207,334	1,406,362									5,369,905
Outward Pilotage Amount	1,156,546	1,644,152	1,289,253	1,324,452									5,414,402
Bay Moves Amount	116,317	143,115	141,563	140,448									541,443
Misc Charges	117,689	158,400	152,308	156,483									584,880
River Moves Amount	155,322	136,909	182,376	165,312									639,919
TOTAL GROSS PILOTAGES	**2,708,551**	**3,676,107**	**2,972,834**	**3,193,057**									12,550,550
Actual 2019 Gross Pilotage	**3,784,046**	**3,680,379**	**3,208,901**	**4,225,816**	**3,599,040**	**3,725,615**	**3,912,786**	**3,694,001**	**3,347,591**	**3,647,935**	**4,004,317**	**3,015,588**	43,846,016
Actual 2019 Gross Pilotage Reduced 15%					3,059,184	3,166,773	3,325,868	3,139,901	2,845,452	3,100,745	3,403,670	2,563,250	
Board Operations Surcharge Rate [1]	**4.50%**	**4.50%**	**4.50%**	**4.50%**	**4.50%**	**4.50%**	**4.50%**	**4.50%**	**4.50%**	**4.50%**	**4.50%**	**4.50%**	
Board Operations Surcharge Calc	**$ 121,885**	**$ 165,425**	**$ 133,778**	**$ 143,688**	$ 137,663	$ 142,505	$ 149,664	$ 141,296	$ 128,045	$ 139,534	$ 153,165	$ 115,346	
SFBP Cash Paid Amount	**$ 77,681**	**$ 153,552**	**$ 132,444**	**$ 143,231**									

Projected Surcharge Revenues	**$**	**1,614,126**
Projected SMIF Interest Earnings	**$**	**50,000**
Projected Total Revenues	**$**	**1,664,126**
Projected Expenditures	**$**	**(1,520,867)**
Projected Budget Savings/Deficit	**$**	**68,133**
Projected Ending Fund Balance	**$**	**1,439,535**

[1] Board Operations Surcharge changed from 2.75% to $4.5%, effective 7/1/2020.

% of Actual 2020 Compared to 2019	**-28%**	**0%**	**-7%**	**-24%**	**-21%**	**-24%**	**20%**	**-12%**	**-28%**	**-3%**	**-13%**	

SENSITIVITY ANALYSIS:

	Actual				Projected								Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Fiscal Year
Increase Board Ops Surcharge to 5% on 1/1/2021													
TOTAL GROSS PILOTAGES	2,708,551	3,676,107	2,972,834	3,193,057									
Actual 2019 Gross Pilotage Reduced 15%					$ 3,059,184	$ 3,166,773	$ 3,325,868	$ 3,139,901	$ 2,845,452	$ 3,100,745	$ 3,403,670	$ 2,563,250	
Board Operations Surcharge Rate	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	
Board Operations Surcharge Calc	$ 121,885	$ 165,425	$ 133,778	$ 143,688	$ 137,663	$ 142,505	$ 166,293	$ 156,995	$ 142,273	$ 155,037	$ 170,183	$ 128,162	
SFBP Cash Paid Amount	$ 77,681	$ 153,552	$ 132,444	$ 143,231									
										Projected Surcharge Revenues			$ 1,706,020
										Projected Ending Fund Balance			$ 1,531,429

Increase Board Ops Surcharge to 5.5% on 1/1/2021

TOTAL GROSS PILOTAGES	2,708,551	3,676,107	2,972,834	3,193,057									
Actual 2019 Gross Pilotage Reduced 15%					$ 3,059,184	$ 3,166,773	$ 3,325,868	$ 3,139,901	$ 2,845,452	$ 3,100,745	$ 3,403,670	$ 2,563,250	
Board Operations Surcharge Rate	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	5.50%	5.50%	5.50%	5.50%	5.50%	5.50%	
Board Operations Surcharge Calc	$ 121,885	$ 165,425	$ 133,778	$ 143,688	$ 137,663	$ 142,505	$ 182,923	$ 172,695	$ 156,500	$ 170,541	$ 187,202	$ 140,979	
SFBP Cash Paid Amount	$ 77,681	$ 153,552	$ 132,444	$ 143,231									
										Projected Surcharge Revenues			$ 1,797,915
										Projected Ending Fund Balance			$ 1,623,324

11/23/2020

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	$ 1,706,509
Prior Year Encumbrance Reduction	$ (56,183)
Adjusted Beginning FY Fund Balance	$ 1,650,326

	Actual												Total
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Fiscal Year
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	
+ /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	
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	$ 68,348
Total Revenues	$ 1,199,712
Expenditures	$ (1,363,648)
Direct Funds Transfers Out	$ (107,114)
Budget Savings	$ 265,352
Ending Fund Balance	$ 1,379,276

Notes:

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

Actual 2019 Gross Pilotage	3,912,786	3,694,001	3,347,591	3,647,935	4,004,317	3,015,588
% of 2019 Compared to 2020	-21%	-24%	20%	-12%	-28%	-3%