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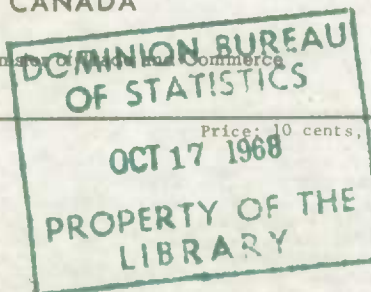
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SUMMARY OF CANAL STATISTICS

JUNE 1968

During June there was a substantial decline in tonnages for the Seaway, reflecting the strike which halted operations in the latter third of the month. Through the St. Lawrence Canals some 4,624,995 tons were moved against 6,407,763 tons in June 1967. Cargoes carried through the Welland Canal, meanwhile, dropped to 5,429,413 tons from 7,438,088 tons in the previous year. Since the commencement of navigation, cargoes reported for all Canadian canals stand at 35,075,880 tons, some 6.2 per cent or 2,320,499 tons lower than at this time in 1967.

Leading the declines for the St. Lawrence Canals was wheat, which was down to 614,530 tons from 1,222,562 tons in June 1967, illustrating in large part the current situation for Canadian wheat exports. Certain goods were shipped in greater volume, for example, iron and steel products which rose by over forty per cent to slightly under one-half million tons. These gains were, however, submerged by widespread declines, especially among bulk commodities, including iron ore, bituminous coal, iron and steel scrap, soybeans and flaxseed.

In the case of the Welland Canal, decreases of similar magnitude appeared for many of the bulk commodities. Iron ore and bituminous coal suffered a greater setback in volume than the St. Lawrence Canals, and again there were a number of items which improved from June 1967. For instance, salt traffic soared to 110,627 tons from only 67,179 tons in the previous year.

Combined statements for the Canadian and American locks at Sault Ste. Marie show freight falling to 12,637,227 tons from 13,577,973 tons in June 1967. There occurred a sharp decline on the Canadian side, and almost nine hundred thousand tons through the American locks, whose operators were not on strike. Wheat movements were prominent in the downward movement by sliding more than six hundred thousand tons; other grains made up a significant portion of the remaining loss. A rise of over one hundred thousand tons in iron ore shipments almost counterbalanced the decrease in bituminous coal.

Some interesting comparisons emerge by taking two-thirds of the June 1967 totals in order to roughly correspond to the number of days that the Seaway was open to shipping this month. While this method does not consider differences in daily vessel loadages, schedules and the like, it indicates that in a more similar period of time, June 1968 would be an improvement over 1967. For example, during the three week interval, the St. Lawrence Canals would handle 4.6 million cargo tons this June and 4.3 million tons in 1967, and St. Lawrence iron ore would be 2.0 million and 1.6 million tons respectively.

Many commodity names in this report have been abbreviated due to space limitations, but reference to Appendix C of the annual Canal Statistics (catalogue number 54-201) will provide a complete description.

TABLE 1. Vessel Passages, Registered Net Tonnage, and Tonnage of Freight for All Canals

Canal	June 1968			Tonnage of freight June 1967	Cumulative tonnage of freight	
	Number of Vessel passages	Registered net tonnage of vessels	Tonnage of freight		1968	1967
Canso Canal	149	102,711	111,727	151,661	374,992	236,408
St. Lawrence Canals	624	3,252,849	4,624,995	6,407,763	15,990,531	16,779,306
Welland Canal	654	3,778,179	5,429,413	7,438,088	18,514,188	20,015,431
Sault Ste. Marie Canal - Can. lock	249	132,953	43,588	187,126	187,051	354,057
All other canals	257	20,355	4,495	5,191	9,118	11,177
Totals	1,933	7,287,047	10,214,218	14,189,829	35,075,880	37,396,379
Sault Ste. Marie Canal - U.S. locks	1,963	..	12,593,639	13,437,148	32,632,026	32,004,498

.. Figures not available.

Transportation and Public Utilities Division
Transportation Section

8702-517

TABLE 2. TONNAGE OF FREIGHT TRANSPORTED THROUGH THE ST. LAWRENCE SEAWAY CANALS, BY COMMODITY AND DIRECTION

CANAL AND COMMODITY	JUNE			TOTAL JUNE 1967	CUMULATIVE TOTAL	
	UP	DOWN	TOTAL		1968	1967
ST. LAWRENCE CANALS:						
MEAT, FRESH OR FROZEN	245	2,289	2,534	5,695	6,191	12,969
MILK POWDER		8,454	8,454	27,844	22,040	45,952
BARLEY		52,018	52,018	220,721	109,774	581,690
CORN		349,996	349,996	342,122	816,665	602,960
OATS		33,631	33,631	62,364	72,460	155,017
RYE		4,035	4,035	15,909	35,827	72,240
WHEAT		614,530	614,530	1,222,562	2,641,974	3,493,740
CORN MEAL AND FLOUR		19,303	19,303	10,792	32,000	26,857
MALT AND MALT FLOUR		3,047	3,047	7,327	23,478	27,308
WHEAT FLOUR		11,118	11,118	16,185	33,499	30,888
CEREALS, MILLED, NES		9,214	9,214	10,825	10,126	17,661
FRUITS, PRESERVED	2,167		2,167	2,046	3,472	10,755
FRUITS, PREPARATIONS	428	51	479	1,943	8,933	6,504
VEGETABLES, DRIED	14	1,406	1,420	14,633	12,374	76,170
VEGETABLE PREP. NES	368	1,023	1,391	1,704	10,025	12,218
RAW SUGAR	5,944		5,944	9,971	53,731	31,889
MOLASSES, CRUDE	13,690		13,690	22,536	30,230	41,698
COCOA AND CHOCOLATE	852		852	8,782	9,843	19,106
LARD		5,371	5,371	7,450	13,274	21,984
MISC. FOOD PREP. NES	1,484	683	2,167	4,267	4,761	7,188
HULLS, SCREENINGS, CHAFF		882	882	6,920	20,424	24,913
GROUND CEREALS, NES		91	91	35,501	1,475	90,291
SOYABEAN OIL MEAL, CAKE		11,540	11,540	67,959	43,134	175,829
OIL SEED MEAL, CAKE, NES		112	112	5,294	7,625	9,156
CONC. COMPLETE FEEDS		124	124	3,018	712	31,039
WINES	3,375	9	3,384	3,057	14,728	11,572
DIST. ALCOHOLIC BEVERAGES	2,131	55	2,186		2,186	
OTHER FOOD, FEED, TOBACCO	3,990	35,087	39,077	17,617	145,318	51,224
RAW HIDES AND SKINS	79	4,962	5,041	11,567	22,874	29,846
FLAXSEED		9,779	9,779	46,970	102,544	150,931
RAPESEED		2,025	2,025		6,386	13,752
SOYABEANS		96,421	96,421	121,234	341,477	267,604
RUBBER, ALLIED GUMS, NAT.				7,075	24,842	22,346
LOGS	766	2,829	3,595	2,984	10,459	11,682
PULPWOOD	31,357		31,357	62,609	53,176	84,832
ALUMINA, BAUXITE ORE				16,267	29,422	44,971
IRON ORE AND CONC.	2,038,891	200	2,039,091	2,348,558	6,819,593	6,183,522
MANGANESE ORE	45,099		45,099	35,716	84,943	95,815
TITANIUM ORE				15	171	15,133
ORES AND CONC. NES	3,934		3,934	607	21,819	3,175
IRON AND STEEL SCRAP				109,236	8,301	168,258
NON-FERROUS MET. SCRAP	100	2,909	3,009	5,380	11,004	11,775
COAL, BITUMINOUS	64,154	14,503	78,657	205,480	344,767	430,959
CRUDE PETROLEUM	15,711		15,711	15,585	75,977	46,729
BENTONITE		589	589	14,690	47,541	46,121
CHINA CLAY	1,870		1,870	3,371	10,409	12,297
CLAY MATERIALS NES	12	318	330	665	1,061	2,012
STONE, CRUDE, NES	507	5,368	5,875	652	16,179	1,703
FLUORSPAR	15,942	5,975	21,917	9,428	50,282	41,601
GYPSUM	6,021		6,021	12,145	6,063	19,027
PHOSPHATE ROCK				36,690		36,690
SALT		50,747	50,747	17,195	162,451	88,658
CRUDE NON-MET. MIN. NES	15	111	126	2,030	1,459	17,762
OTHER CRUDE MATERIALS, INEDIBLE	3,758	3,271	7,029	14,085	32,586	48,343
LUMBER AND TIMBER	600	1,400	2,000	2,819	6,671	6,797
VENEER AND PLYWOOD	1,703	219	1,922	4,118	14,285	11,662
PULP	9,963	832	10,795	10,676	22,450	17,146
NEWSPRINT PAPER	13,065	581	13,646	53,164	80,987	149,453
CORDAGE, TWINE, ROPE	6,070		6,070	2,446	37,758	35,502
ANIMAL OILS, EXC. MARINE		5,519	5,519	22,944	35,506	56,959
SOYABEAN OIL				2,686	2,656	5,300
VEG. OILS, FATS, NES	4,908	3,448	8,356	7,953	30,850	26,965
METALLIC SALTS	824	2,194	3,018	5,265	33,584	12,249
INORGANIC CHEMICALS NES	449	6,971	7,420	4,445	8,541	8,192
ORGANIC CHEMICALS NES	4,148	9,735	13,883	12,467	41,171	42,914
FERTILIZERS	49	68	117	162	2,710	13,582
SYNTHETIC RUBBER	77	12,100	12,177	7,360	17,877	16,304
PLASTIC MATERIALS	423	2,885	3,308	4,924	10,019	19,340
CHEM. SPECIALTIES NES	255	1,934	2,189	3,600	16,151	6,963
GASOLINE	29,659		29,659	55,769	89,883	150,954
FUEL OIL	183,619	18,102	201,721	285,517	610,046	645,504
LUBRICATING OIL, GREASE	11,855	593	12,448	17,267	44,097	81,942
COKE		21,792	21,792	36,649	118,711	119,671
PETROL, COAL PROD. NES	102	3,245	3,347	33,426	29,970	49,899
FERRO-ALLOYS	316		316	9,851	24,726	32,246
PIG IRON	19,469		19,469	10,599	57,052	94,792
PRIMARY IRON, STEEL NES	4,058		4,058	1,192	8,183	6,583
CASTINGS, FORGINGS	1,240	43	1,283	1,228	10,539	3,994
BARNS AND RODS, STEEL	39,324	150	39,474	44,441	170,627	155,475
PLATE AND SHEET STEEL	338,490	4,188	342,678	318,124	1,208,217	634,692
STRUCTURAL SHAPES	79,751	229	79,980	81,711	251,467	231,352

TABLE 2. TONNAGE OF FREIGHT TRANSPORTED THROUGH THE ST. LAWRENCE SEAWAY CANALS, BY COMMODITY AND DIRECTION

CANAL AND COMMODITY	JUNE			TOTAL JUNE 1967	CUMULATIVE TOTAL	
	UP	DOWN	TOTAL		1968	1967
PIPE, TUBE, IRON AND STEEL	3,224	480	3,704	5,811	17,889	15,355
WIRE	8,955	142	9,097	15,231	34,469	40,037
ALUMINUM	1,929	31	1,960	3,264	11,549	12,698
ZINC AND ALLOYS	328		328	7,404	10,926	9,933
METAL FAB. BASIC PRODUCTS	9,776	545	10,321	18,511	37,407	47,886
GLASS BASIC PRODUCTS	5,352	57	5,409	6,634	20,340	20,319
CEMENT		599	599	8,187	1,083	16,438
NON-MET. MIN. BASIC PROD.	2,297	305	2,602	3,192	6,712	10,926
OTHER FAB. MATERIALS, INEDIBLE	14,180	3,569	17,749	18,584	58,525	60,933
TRACTORS	6,444	1,221	7,665	7,632	21,706	18,940
MACHINERY NES	7,036	4,044	11,080	17,342	50,449	50,670
PASS. AUTOS AND CHASSIS	10,970	4,659	15,629	16,973	41,924	31,872
MILITARY MOTOR VEHICLES		236	236	7,483	257	7,720
MOTOR VEHICLE ENGINES, PARTS ..	939	1,437	2,376	4,688	8,955	12,486
EQUIPMENT	660	622	1,282	3,111	6,019	8,588
PERSONAL, HOUSEHOLD GOODS	3,566	1,911	5,477	6,796	17,100	16,702
OTHER END PRODUCTS, INEDIBLE ..	8,235	4,641	12,876	22,631	42,645	55,363
DOMESTIC PACKAGE FREIGHT	12,098	30,882	42,980	58,208	145,777	121,619
TOTAL	3,109,310	1,515,685	4,624,995	6,407,763	15,990,531	16,779,306
HOLLAND CANAL:						
MEAT, FRESH OR FROZEN	146	2,237	2,383	5,311	5,271	11,714
MILK POWDER		8,413	8,413	26,600	21,964	44,207
BARLEY		61,524	61,524	236,092	141,513	632,494
CORN		366,020	366,020	358,085	863,141	654,605
DATS		39,743	39,743	66,356	83,724	176,810
RYE		4,035	4,035	15,909	35,827	74,651
WHEAT		625,158	625,158	1,279,397	2,452,121	3,441,624
CORN MEAL AND FLOUR		19,303	19,303	10,792	32,000	26,846
MALT AND MALT FLOUR		3,047	3,047	7,327	23,475	27,304
WHEAT FLOUR		11,118	11,118	16,185	33,499	30,882
CEREALS, MILLED, NES		9,214	9,214	10,809	11,399	17,634
VEGETABLES, DRIED		1,387	1,387	13,364	11,000	67,244
VEGETABLE PREP. NES	246	738	984	790	4,928	7,526
SUGAR NES	9,434	491	9,925	12,366	15,527	25,681
MOLASSES, CRUDE	18,439		18,439	23,716	23,306	39,069
SYRUP					8	3
COCOA AND CHOCOLATE	66		66	7,327	3,506	9,366
LARD		5,371	5,371	7,450	13,909	21,984
HULLS, SCREENINGS, CHAFF		882	882	6,920	20,424	24,913
GROUND CEREALS, NES		91	91	35,501	1,469	90,291
SOYABEAN OIL MEAL, CAKE		2,937	2,937	47,540	14,787	109,204
OIL SEED MEAL, CAKE, NES				5,294	7,166	8,569
CONC. COMPLETE FEEDS		66	66	2,810	97	30,421
WINES	2,348	9	2,357	2,232	8,488	8,256
DIST. ALCOHOLIC BEVERAGES	1,654	55	1,709	2,815	12,862	10,597
OTHER FOOD, FEED, TOBACCO	4,481	34,496	38,977	16,726	128,383	40,052
RAW HIDES AND SKINS	79	3,766	3,845	6,793	17,926	19,216
FLAXSEED		9,779	9,779	49,996	109,399	162,323
RAPESEED		2,025	2,025		2,025	
SOYABEANS		116,007	116,007	157,889	398,634	425,246
RUBBER, ALLIED GUMS, NAT.				6,259	24,746	32,628
LDGS	16	2,514	2,530	2,896	8,108	6,578
PULPHOOD	22,993		22,993	57,335	44,812	79,558
ALUMINA, BAUXITE ORE				16,267	29,422	44,971
IRON ORE AND CONC.	1,728,705	151,953	1,880,658	2,415,951	6,396,134	6,414,579
MANGANESE ORE	43,977		43,977	35,716	83,821	95,815
TITANIUM ORE				15	171	15,138
ORES AND CONC. NES	3,929		3,929	607	11,008	3,176
IRON AND STEEL SCRAP				91,921	8,301	148,243
NON-FERROUS MET. SCRAP	100	1,700	1,800	3,782	5,388	8,596
COAL, BITUMINOUS		907,298	907,298	1,144,771	3,249,085	3,453,924
CRUDE PETROLEUM					17,549	
BENTONITE		589	589	14,690	47,541	46,121
CHINA CLAY				3,360	8,528	8,542
DOLOMITE	121,501	905	122,406	111,442	402,490	373,749
CLAY MATERIALS NES		318	318	580	7,007	11,300
SAND AND GRAVEL	2,204	22	2,226	13,673	37,958	23,286
STONE, CRUDE, NES	341		341	7,585	1,426	21,523
FLUORSPAR	15,888	5,975	21,863	9,428	46,270	36,382
SALT		110,627	110,627	67,179	319,545	192,871
CRUDE NON-MET. MIN. NES	5	70	75	821	2,073	16,341
OTHER CRUDE MATERIALS, INEDIBLE	522	2,344	2,966	16,347	33,916	37,327
VENEER AND PLYWOOD	1,161	187	1,348	2,532	10,225	7,214
PULP	4,762	832	5,594	8,812	15,536	14,132
NEWSPRINT PAPER	20,974	581	21,555	59,408	119,626	177,587
CORDAGE, TWINE, ROPE	2,710		2,710	1,891	27,894	25,347
ANIMAL OILS, EXC. MARINE		5,519	5,519	21,505	33,840	54,273
VEG. OILS, FATS, NES	934	3,448	4,386	2,247	10,747	14,496
METALLIC SALTS	104	18,597	18,701	10,482	24,947	15,601



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TABLE 2. TONNAGE OF FREIGHT TRANSPORTED THROUGH THE ST. LAWRENCE SEAWAY CANALS, BY COMMODITY AND DIRECTION

CANAL AND COMMODITY	JUNE			TOTAL JUNE 1967	CUMULATIVE TOTAL	
	UP	DOWN	TOTAL		1968	1967
INORGANIC CHEMICALS NES	294	24,923	25,217	21,712	35,679	39,964
GLYCOL				3,031	7,477	12,358
ORGANIC CHEMICALS NES	1,089	9,168	10,257	16,737	37,971	52,281
FERTILIZERS	16	58	74	90	2,585	153
SYNTHETIC RUBBER	7	11,927	11,934	6,955	17,282	15,277
PLASTIC MATERIALS	70	2,497	2,567	3,215	7,296	15,487
CHEM. SPECIALTIES NES	162	1,210	1,372	3,064	10,420	5,783
GASOLINE	6,471	1,936	8,407	30,486	67,017	98,644
FUEL OIL	80,992	61,318	142,310	111,714	372,770	304,289
LUBRICATING OIL, GREASE	11,726	593	12,319	13,279	46,095	50,500
COKE	18,776	27,723	46,499	36,649	165,489	126,521
ASPHALTS, ROAD OILS		160	160	10,474	295	11,008
COAL TAR, PITCH	4,995	2,566	7,561	14,973	50,697	35,898
PETROL. COAL PROD. NES	85	4,264	4,349	40,682	33,408	72,534
FERRO-ALLOYS	285		285	8,816	24,395	30,927
PIG IRON	19,469		19,469	9,486	53,021	89,257
PRIMARY IRON, STEEL NES	3,941		3,941	1,144	7,999	1,826
CASTINGS, FORGINGS	1,196	28	1,224	1,210	10,203	3,820
BAR AND RODS, STEEL	36,754	30	36,784	42,168	161,041	138,615
PLATE AND SHEET STEEL	337,142	1,063	338,205	181,278	1,176,939	561,357
STRUCTURAL SHAPES	60,984	51	61,035	49,029	218,817	193,606
PIPE, TUBE, IRON AND STEEL	2,802	413	3,215	4,079	13,195	10,134
WIRE	8,544	5	8,549	13,937	31,124	34,962
ALUMINUM	1,843	31	1,874	2,454	10,247	10,422
ZINC AND ALLOYS	328		328	7,404	10,828	9,893
METAL FAB. BASIC PRODUCTS	8,469	305	8,774	16,049	31,352	39,872
GLASS BASIC PRODUCTS	4,443		4,443	5,326	16,572	16,675
CEMENT	5,984	9,028	15,012	95,568	41,905	132,331
NON-MET. MIN. BASIC PROD.	1,169	241	1,410	2,581	4,450	8,691
OTHER FAB. MATERIALS, INEDIBLE ..	13,529	2,747	16,276	12,000	37,247	32,860
TRACTORS	5,435	1,221	6,656	7,045	19,062	16,499
MACHINERY NES	4,303	3,593	7,896	13,159	35,865	34,270
PASS. AUTOS AND CHASSIS	9,438	4,659	14,097	14,957	36,408	25,811
MILITARY MOTOR VEHICLES		236	236	7,483	247	7,618
MOTOR VEHICLE ENGINES, PARTS ..	534	1,108	1,742	3,719	7,105	9,297
OTHER END PRODUCTS, INEDIBLE ..	5,487	5,775	11,262	15,859	31,399	35,562
DOMESTIC PACKAGE FREIGHT	34,861	17,394	52,255	50,412	153,894	112,399
TOTAL	2,599,751	2,729,662	5,429,413	7,438,088	18,514,188	20,015,431

TABLE 3. TONNAGE OF FREIGHT TRANSPORTED THROUGH THE SAULT STE. MARIE CANALS, BY COMMODITY AND DIRECTION. -JUNE-

COMMODITY	UP		DOWN		TOTAL	
	CANADIAN LOCK	CANADIAN AND U.S. LOCKS	CANADIAN LOCK	CANADIAN AND U.S. LOCKS	CANADIAN LOCK	CANADIAN AND U.S. LOCKS
PAPER AND WOODPULP			14,563	41,179	14,563	41,179
PULPWOOD, LUMBER AND LOGS				14,600		14,600
WHEAT				1,034,529		1,034,529
BARLEY			4,049	133,117	4,049	133,117
OATS			713	80,809	713	80,809
CORN				38,963		38,963
RYE				3,646		3,646
FLAXSEED				20,511		20,511
SOYABEANS				26,631		26,631
FLOUR				3,400		3,400
MILL PRODUCTS, SCREENINGS			1,283	20,284	1,283	20,284
IRON ORE		13,440		9,452,723		9,466,163
MANUFACTURED IRON AND STEEL	5	59,599		43,326	5	102,925
PIG IRON				10,816		10,816
SCRAP IRON				13,888		13,888
STONE, BROKEN, SAND AND GRAVEL ..		302,161	5,400	9,340	5,400	311,501
CEMENT		59,874				59,874
COAL, BITUMINOUS		934,932				934,932
COAL, ANTHRACITE						
COKE		2,081				2,081
NON-METALLIC MINERALS, MFRS.	408	38,869			408	38,869
GASOLINE	1,551	25,261		19,614	1,551	44,875
FUEL OIL	2,746	61,635		13,899	2,746	75,534
OTHER PETROLEUM PRODUCTS						
MOTOR VEHICLES						
MISCELLANEOUS MERCHANDISE	941	71,732		74,439	941	146,171
DOMESTIC PACKAGE FREIGHT	6,055	6,055	5,874	5,874	11,929	11,929
TOTAL	11,706	1,575,639	31,882	11,061,588	43,588	12,637,227