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SUMMARY OF CANAL STATISTICS

MAY 1968

During May the St. Lawrence Canals experienced another increase in freight, having handled 6,805,811 tons or 2.6 per cent more than the 6,629,340 tons in 1967; the increase recorded for April of this year was 15.5 per cent. Traffic through the Welland meanwhile declined 2.7 per cent to 7,769,886 tons from 7,977,064 tons in May 1967. Cumulative totals since the April opening exceed that of 1967 - by 10.4 per cent for a total of 11,451,621 tons through the St. Lawrence Canals, and by 4.3 per cent for a total of 13,122,220 tons through the Welland.

Among commodities reported through the St. Lawrence Canals, movements of upbound iron ore jumped by one-third to 2,988,735 tons; the cumulative total (at 4,866,587 tons) is a full million tons ahead of 1967. In May, wheat shipments fell substantially from last year, and since the season's opening stand some ten per cent lower than 1967; however, corn activity doubled this month to 364,184 tons. Fuels, including bituminous coal, crude petroleum and fuel oil, rose as did iron and steel products which advanced to 597,684 tons from 402,895 tons in May 1967.

Through the Welland Canal, bituminous coal moved forward to 1,268,223 tons, up almost six per cent. Iron ore rose by approximately one-sixth in total, although downbound shipments to Canada fell to 274,539 tons from 410,959 tons in May 1967. Traffic in iron and steel products was bettered similarly to that seen this month for the St. Lawrence Canals, and among other volume improvements were salt and dolomite, each moving in excess of one hundred thousand tons.

Less activity was recorded this month for the Canadian and American locks at Sault Ste Marie. The single Canadian lock reported 161 vessels this month against 213 last year, while cargo totalled 109,471 tons and 142,172 tons in the two periods. The larger American locks handled 123 less vessels for a total of 1,589, and reported a cargo decline of 7.0 per cent to 13,116,107 tons. This performance is largely attributable to wheat and coal which dropped by over thirty and ten per cent respectively; the 411,240 ton increase in iron ore shipments lessened the overall decline.

Vessel passages through all Canadian canals during May numbered 2,376, or down 120, although the vessel tonnage was upped slightly to 10,551,694 registered net tons. Cargo transported through all these canals totalled 14,850,232 tons compared to 14,798,847 tons in May 1967 and some ten million tons in April of this year. The cumulative tonnage of goods, at 24,985,192 tons, surpasses that of the previous season by 7.7 per cent or 1,778,642 tons.

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	May 1968			Tonnage of freight May 1967	Cumulative tonnage of freight	
	Number of Vessel passages	Registered net tonnage of vessels	Tonnage of freight		1968	1967
Canso Canal	151	141,176	161,374	45,754	263,265	84,747
St. Lawrence Canals	941	4,657,122	6,805,811	6,629,340	11,451,621	10,371,543
Welland Canal	968	5,448,138	7,769,886	7,977,064	13,122,220	12,577,343
Sault Ste. Marie Canal - Can. lock	161	287,486	109,471	142,172	143,463	166,931
All other canals	155	17,772	3,690	4,517	4,623	5,986
Totals	2,376	10,551,694	14,850,232	14,798,847	24,985,192	23,206,550
Sault Ste. Marie Canal - U.S. locks	1,589	..	13,116,107	14,043,295	20,038,387	18,567,350

.. Figures not available.

Transportation and Public Utilities Division
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DOMINION BUREAU
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TABLE 2. TONNAGE OF FREIGHT TRANSPORTED THROUGH THE ST. LAWRENCE SEAWAY CANALS, BY COMMODITY AND DIRECTION

CANAL AND COMMODITY	MAY			TOTAL MAY 1967	CUMULATIVE TOTAL	
	UP	DOWN	TOTAL		1968	1967
ST. LAWRENCE CANALS :						
MEAT, FRESH OR FROZEN	252	2,245	2,497	4,634	3,657	7,274
MILK POWDER		13,586	13,586	18,078	13,586	18,108
BARLEY		18,925	18,925	282,991	57,756	360,969
CORN		364,184	364,184	174,524	466,669	260,838
OATS		7,081	7,081	54,903	38,829	92,653
RYE		10,139	10,139	54,083	31,792	56,331
WHEAT		1,046,842	1,046,842	1,595,049	2,027,444	2,271,178
CORN MEAL AND FLOUR		12,697	12,697	16,052	12,697	16,065
MALT AND MALT FLOUR	3	11,711	11,714	5,966	20,431	19,981
WHEAT FLOUR		22,381	22,381	14,151	22,381	14,703
CEREALS, MILLED, NES	5	886	891	6,834	912	6,836
FRUITS, PRESERVED	341		341	3,935	1,305	8,709
FRUITS, PREPARATIONS	5,157	208	5,365	1,405	8,454	4,561
VEGETABLES, DRIED	44	9,905	9,949	33,666	10,954	61,537
VEGETABLE PREP. NES	2,235	1,300	3,535	6,497	8,634	10,514
RAW SUGAR	33,974	971	34,945	10,270	47,787	21,918
MOLASSES, CRUDE	10,472		10,472	10,511	16,540	19,162
COCOA AND CHOCOLATE	6,300	39	6,339	5,733	8,991	10,324
LARD		3,274	3,274	13,474	7,903	14,534
MISC. FOOD PREP. NES	656	859	1,515	1,868	2,594	2,921
HULLS, SCREENINGS, CHAFF		18,691	18,691	11,551	19,542	17,993
GROUND CEREALS, NES		1,202	1,202	54,550	1,384	54,790
SOYABEAN OIL MEAL, CAKE		23,532	23,532	77,002	31,594	107,870
OIL SEED MEAL, CAKE, NES		6,563	6,563	3,838	7,513	3,862
CONC. COMPLETE FEEDS	67	346	413	27,752	588	28,021
WINES	4,899	11	4,910	4,711	11,344	8,515
DIST. ALCOHOLIC BEVERAGES	5,041	94	5,135	4,664	12,838	9,806
OTHER FOOD, FEED, TOBACCO	8,901	62,617	71,518	13,568	93,403	23,801
RAW HIDES AND SKINS	180	15,483	15,663	13,690	17,833	18,279
FLAXSEED		45,739	45,739	87,842	92,765	103,961
RAPESEED		4,361	4,361	13,752	4,361	13,752
SOYABEANS		174,125	174,125	113,168	245,056	146,370
RUBBER, ALLIED GUMS, NAT.	19,547	28	19,575	9,028	24,842	15,271
LOGS	114	5,903	6,017	7,633	6,864	8,698
PULPHOOD	19,643		19,643	18,921	21,819	22,223
ALUMINA, BAUXITE ORE	20,704		20,704	14,496	29,422	28,704
IRON ORE AND CONC.	2,988,735		2,988,735	2,238,540	4,866,587	3,838,088
MANGANESE ORE	20,300		20,300	60,099	39,844	60,099
TITANIUM ORE	171		171	15,123	171	15,123
ORES AND CONC. NES		10,715	10,715	2,569	17,885	2,569
IRON AND STEEL SCRAP		1,801	1,801	59,022	8,301	59,022
NON-FERROUS MET. SCRAP	59	6,616	6,675	5,324	7,995	6,396
COAL, BITUMINOUS	107,753	48,175	155,928	138,153	266,110	222,355
CRUDE PETROLEUM	15,776		15,776	15,542	60,266	31,144
BENTONITE	2	23,867	23,869	11,964	46,952	31,431
CHINA CLAY	5,918		5,918	7,056	8,539	8,926
CLAY MATERIALS NES	4	704	708	1,336	731	1,347
STONE, CRUDE, NES	984		984	716	10,304	1,051
FLUORSPAR	15,811		15,811	22,718	28,365	32,173
GYPSUM		42	42	6,882	42	6,882
PHOSPHATE ROCK						
SALT		63,394	63,394	34,051	111,704	71,463
CRUDE NON-MET. MIN. NES	221	558	779	14,843	1,333	15,732
OTHER CRUDE MATERIALS, INEDIBLE	12,142	10,677	22,819	18,578	25,557	34,258
LUMBER AND TIMBER	2,012	1,244	3,256	2,674	4,671	3,978
VENEER AND PLYWOOD	8,634	124	8,758	2,797	12,363	7,544
PULP	6,070	380	6,450	3,993	11,655	6,470
NEWSPRINT PAPER	34,284	4,489	38,773	50,233	67,341	96,289
CORDAGE, TWINE, ROPE	16,806		16,806	14,763	31,688	33,056
ANIMAL OILS, EXC. MARINE	17	26,287	26,304	28,375	29,987	34,015
SOYABEAN OIL				2,614	2,656	2,614
VEG. OILS, FATS, NES	1,817	3,827	5,644	8,083	22,494	19,012
METALLIC SALTS	6,736	9,346	16,082	1,594	30,566	6,984
INORGANIC CHEMICALS NES	367	302	669	2,920	1,121	3,747
ORGANIC CHEMICALS NES	3,931	13,128	17,059	16,010	27,288	30,447
FERTILIZERS	83	2,486	2,569	13,400	2,593	13,420
SYNTHETIC RUBBER	236	5,168	5,404	6,797	5,700	8,944
PLASTIC MATERIALS	1,001	3,580	4,581	5,795	6,711	14,416
CHEM. SPECIALTIES NES	4,213	6,114	10,327	1,231	13,962	3,363
GASOLINE	47,440		47,440	46,390	60,224	95,185
FUEL OIL	282,250	2,457	284,707	235,980	408,325	359,987
LUBRICATING OIL, GREASE	15,806	948	16,754	32,104	31,649	64,675
COKE	637	48,794	49,431	41,123	96,919	83,022
PETROL. COAL PROD. NES	4,300	14,557	18,857	13,594	26,623	16,473
FERRO-ALLOYS	6,308	70	6,378	13,983	24,410	22,395
PIG IRON	33,058		33,058	45,574	37,583	84,143
PRIMARY IRON, STEEL NES	318		318	382	4,125	5,391
CASTINGS, FORGINGS	1,695	32	1,727	1,837	9,256	2,165
BARNS AND RODS, STEEL	66,165	2,151	68,316	68,512	131,153	111,054
PLATE AND SHEET STEEL	386,395	20,386	406,781	265,956	865,539	416,568

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

CANAL AND COMMOITY	MAY			TOTAL MAY 1967	CUMULATIVE TOTAL	
	UP	DDWN	TOTAL		1968	1967
STRUCTURAL SHAPES	111,689	1,910	113,599	61,874	171,487	169,641
PIPE, TUBE, IRON AND STEEL	7,177	84	7,261	4,716	14,185	9,544
WIRE	14,837	95	14,932	10,637	25,372	24,806
ALUMINUM	2,710	467	3,177	5,630	9,589	9,434
ZINC AND ALLOYS	5,898		5,898	500	10,598	2,529
METAL FAB. BASIC PRODUCTS	14,229	532	14,761	16,060	27,086	29,375
GLASS BASIC PRODUCTS	8,298	64	8,362	6,635	14,931	13,685
CEMENT	484		484	8,119	484	8,251
NON-MET. MIN. BASIC PROD.	1,942	798	2,740	3,834	4,110	7,734
OTHER FAB. MATERIALS, INEDIBLE	11,806	11,950	23,756	23,445	40,776	42,349
TRACTORS	8,513	2,604	11,117	7,285	14,041	11,308
MACHINERY NES	19,546	6,776	26,322	19,368	39,369	33,328
PASS. AUTOS AND CHASSIS	20,417	3,130	23,547	9,577	26,295	14,899
MILITARY MOTOR VEHICLES		21	21	187	21	237
MOTOR VEHICLE ENGINES, PARTS ..	2,495	2,388	4,883	4,260	6,579	7,798
EQUIPMENT	1,704	1,433	3,137	3,253	4,737	5,477
PERSONAL, HOUSEHOLD GOODS	4,925	1,623	6,548	4,743	11,623	9,906
OTHER END PRODUCTS, INEOIBLE ..	11,358	5,621	16,979	19,219	29,769	32,732
DOMESTIC PACKAGE FREIGHT	25,227	37,723	62,950	49,978	102,797	63,411
TOTAL	4,510,245	2,295,566	6,805,811	6,629,340	11,451,621	10,371,543
WELLAND CANAL :						
MEAT, FRESH OR FRDZEN	44	1,880	1,924	3,972	2,888	6,403
MILK POWDER		13,551	13,551	17,577	13,551	17,607
BARLEY		41,158	41,158	308,484	79,989	396,402
CORN		381,938	381,938	197,587	497,121	296,520
OATS		12,233	12,233	64,993	43,981	110,454
RYE		10,139	10,139	56,494	31,792	58,742
WHEAT		1,064,250	1,064,250	1,643,540	1,826,963	2,162,227
CORN MEAL AND FLDUR		12,697	12,697	16,052	12,697	16,054
MALT AND MALT FLOUR		11,711	11,711	5,962	20,428	19,977
WHEAT FLOUR		22,381	22,381	14,151	22,381	14,697
CEREALS, MILLED, NES	1,278	886	2,164	6,823	2,185	6,825
VEGETABLES, DRIED	11	8,887	8,898	28,587	9,613	53,880
VEGETABLE PREP. NES	683	1,009	1,692	4,454	3,944	6,736
SUGAR NES	4,631	971	5,602	8,579	5,602	13,315
MULASSES, CRUDE	2,411		2,411	15,353	4,867	15,353
SYRUP	8		8	3	8	3
COODA AND CHOCOLATE	2,216		2,216	1,068	3,440	2,039
LARD	235	3,674	3,909	13,474	8,538	14,534
HULLS, SCREENINGS, CHAFF		18,691	18,691	11,551	19,542	17,993
GROUND CEREALS, NES		1,202	1,202	54,550	1,378	54,790
SOYABEAN OIL MEAL, CAKE		6,781	6,781	55,482	11,850	61,664
OIL SEED MEAL, CAKE, NES		6,216	6,216	3,275	7,166	3,275
CONC. CDMPLTE FEEDS		20	20	27,601	31	27,611
WINES	2,437		2,437	2,863	6,131	6,024
DIST. ALCHOLIC BEVERAGES	4,519	80	4,599	3,941	11,153	7,782
OTHER FOOD, FEED, TOBACCO	4,399	61,569	65,968	13,719	89,406	23,326
RAW HIDES AND SKINS	142	12,550	12,692	10,960	14,081	12,423
FLAXSEED		47,217	47,217	92,271	99,620	112,327
RAPESEED		4,361	4,361	13,752	4,361	13,752
SOYABEANS		194,738	194,738	188,058	282,627	267,357
RUBBER, ALLIED GUMS, NAT.	17,115	28	17,143	7,621	20,385	12,617
LOGS		5,121	5,121	3,398	5,578	3,682
PULPWOOD	19,643		19,643	18,921	21,819	22,223
ALUMINA, BAUXITE DRE	20,704		20,704	14,496	29,422	28,704
IRON DRE AND CONC.	2,609,677	274,539	2,884,216	2,461,386	4,552,921	3,998,628
MANGANESE DRE	20,300		20,300	60,099	39,844	60,099
TITANIUM DRE	171		171	15,123	171	15,123
ORES AND CONC. NES				2,569	7,079	2,569
IRON AND STEEL SCRAP		1,801	1,801	56,322	8,301	56,322
NON-FERROUS MET. SCRAP	59	3,520	3,579	4,362	3,588	4,814
COAL, BITUMINOUS		1,268,223	1,268,223	1,200,847	2,341,787	2,309,153
CRUDE PETROLEUM					17,549	
BENTONITE	2	23,867	23,869	11,964	46,952	31,431
CHINA CLAY	5,918		5,918	5,182	8,528	5,182
OOLOMITE	100,341	7,015	107,356	77,601	280,084	262,307
CLAY MATERIALS NES		679	679	185	6,689	10,720
SAND AND GRAVEL		17,513	17,513	3,965	35,732	9,613
STONE, CRUDE, NES	950		950	13,689	1,085	13,938
FLUORSPAR	15,781	42	15,823	17,499	24,407	26,954
SALT		101,006	101,006	88,303	208,918	125,692
CRUDE NON-MET. MIN. NES	184	1,293	1,477	14,746	1,998	15,520
OTHER CRUDE MATERIALS, INEDIBLE	9,520	4,750	14,270	11,765	30,950	20,980
VENEER AND PLYWOOD	6,687	89	6,776	1,582	8,877	4,682
PULP	6,070		6,070	2,843	9,942	5,320
NEWSPRINT PAPER	46,604	4,489	51,093	56,789	98,071	118,179
CORDAGE, TWINE, RDPE	13,886		13,886	7,938	25,184	23,456
ANIMAL OILS, EXC. MARINE		25,032	25,032	27,866	28,321	32,768



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

CANAL AND COMMODITY	MAY			TOTAL MAY 1967	CUMULATIVE TOTAL	
	UP	DOWN	TOTAL		1968	1967
VEG. OILS, FATS, NES	875	3,255	4,130	6,648	5,861	12,249
METALLIC SALTS	450	8,119	8,569	3,757	15,041	5,149
INORGANIC CHEMICALS NES	152	10,038	10,190	13,755	10,462	18,252
GLYCOL				6,054	7,477	9,327
ORGANIC CHEMICALS NES	3,907	14,491	18,398	19,944	27,714	35,544
FERTILIZERS	33	2,464	2,497	53	2,511	63
SYNTHETIC RUBBER	81	5,038	5,119	6,618	5,348	8,322
PLASTIC MATERIALS	200	3,084	3,284	4,745	4,729	12,272
CHEM. SPECIALTIES NES	116	5,878	5,994	1,004	9,048	2,719
GASOLINE	29,604	8,645	38,249	37,513	58,610	68,158
FUEL OIL	90,608	54,625	145,233	118,029	230,460	192,575
LUBRICATING OIL, GREASE	20,634	948	21,582	17,984	33,776	37,221
COKE		48,553	48,553	47,973	118,990	89,872
ASPHALTS, ROAD OILS		135	135	433	135	534
COAL TAR, PITCH	21,167	14,169	35,336	15,309	43,136	20,925
PETROL. COAL PROD. NES	53	16,834	16,887	22,031	29,059	31,852
FERRO-ALLOYS	6,024	65	6,089	13,959	24,110	22,111
PIG IRON	29,027		29,027	41,152	33,552	79,771
PRIMARY IRON, STEEL NES	318		318	382	4,058	682
CASTINGS, FORGINGS	1,535	30	1,565	1,789	8,979	2,610
BAR AND RODS, STEEL	65,357	49	65,406	60,003	124,257	96,447
PLATE AND SHEET STEEL	380,521	1,517	382,038	244,932	838,734	380,079
STRUCTURAL SHAPES	110,501	58	110,559	48,320	157,782	144,577
PIPE, TUBE, IRON AND STEEL	5,354	9	5,363	2,893	9,980	6,055
WIRE	13,130	80	13,210	9,681	22,575	21,025
ALUMINUM	2,299	77	2,376	4,506	8,373	7,968
ZINC AND ALLOYS	5,892		5,892	460	10,500	2,489
METAL FAB. BASIC PRODUCTS	11,940	145	12,085	13,774	22,578	23,823
GLASS BASIC PRODUCTS	7,054	37	7,091	5,128	12,129	11,349
CEMENT	3,731	9,874	13,605	22,316	26,893	36,763
NON-MET. MIN. BASIC PROD.	1,412	631	2,043	3,421	3,040	6,110
OTHER FAB. MATERIALS, INEDIBLE	6,091	8,193	14,284	11,311	20,971	20,860
TRACTORS	7,920	2,193	10,113	6,213	12,406	9,454
MACHINERY NES	15,314	6,207	21,521	13,862	27,969	21,111
PASS. AUTOS AND CHASSIS	18,068	3,043	21,111	7,694	22,311	10,854
MILITARY MOTOR VEHICLES		11	11	130	11	135
MOTOR VEHICLE ENGINES, PARTS	2,062	1,920	3,982	3,472	5,363	5,578
OTHER END PRODUCTS, INEDIBLE	6,334	6,048	12,382	12,671	20,120	19,703
DOMESTIC PACKAGE FREIGHT	42,490	26,729	69,219	54,908	101,639	61,987
TOTAL	3,826,880	3,942,989	7,769,869	7,977,064	13,122,220	12,577,343

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

-MAY-

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			27,195	31,939	27,195	31,939
PULPWOOD, LUMBER AND LOGS				4,920		4,920
WHEAT				1,242,223		1,242,223
BARLEY			3,127	72,629	3,127	72,629
OATS				43,412		43,412
CORN				88,928		88,928
RYE				17,373		17,373
FLAXSEED				39,551		39,551
SOYBEANS				41,807		41,807
FLOUR				2,937		2,937
MILL PRODUCTS, SCREENINGS				37,863		37,863
IRON ORE				9,893,880		9,893,880
MANUFACTURED IRON AND STEEL		59,509	1,606	70,360	1,606	129,869
PIG IRON				16,208		16,208
SCRAP IRON				13,439		13,439
STONE, BROKEN, SAND AND GRAVEL	3,107	223,597	3,900	3,900	7,007	227,497
CEMENT		31,577				31,577
COAL, BITUMINOUS		935,241				935,241
COAL, ANTHRACITE						
COKE						
NON-METALLIC MINERALS, MFRS.	461	18,361	10,596	10,596	11,057	28,957
GASOLINE		30,319		2,756		33,075
FUEL OIL		47,703		3,145		50,848
OTHER PETROLEUM PRODUCTS			2,782	2,782	2,782	2,782
MOTOR VEHICLES						
MISCELLANEOUS MERCHANDISE	5,085	119,943	425	67,493	5,510	187,436
DOMESTIC PACKAGE FREIGHT	35,139	35,139	16,048	16,048	51,187	51,187
TOTAL FREIGHT CARRIED	43,792	1,501,389	65,679	11,724,189	109,471	13,225,578