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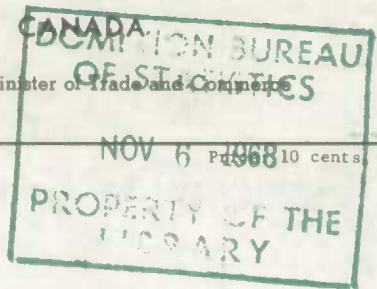
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SUMMARY OF CANAL STATISTICS

AUGUST 1968

During the month, some 15,393,481 tons were locked through Canadian canals compared to only 9,742,863 tons in 1967, a low volume due to the Canadian shipping strike which commenced in mid-August of that year. This month's performance also represents a substantial betterment over August 1966, when freight totalled 14,336,394 tons.

The heightened level of activity this month has narrowed the cumulative difference in cargo tonnage for all Canadian canals to 198,997 tons, only 0.3 per cent less than 1967. To the end of the month, the St. Lawrence Canals (at 27,517,631 tons) have now handled 218,761 tons more than the previous year, while the Welland Canal has processed 32,224,014 tons, slightly less than one per cent below 1967. Hopes have accordingly risen for at least matching the past year's volume.

Vessel movement on the St. Lawrence Canals increased to 1,035 craft of 5,370,869 registered net tons from 819 passages of 3,349,392 tons in August 1967. Iron ore transport gained spectacularly for a total of 3,185,304 tons against 1,754,714 tons in August 1967 and 2,258,435 tons in 1966. In second place was corn at 681,038 tons, followed by iron and steel products at 560,373 tons, fuel oil at 395,687 tons, and wheat in fifth place, at 287,322 tons, due in large part to the halt in this traffic from the Lakehead. All of these, with the obvious exception of wheat, were appreciably above that reported in August 1967.

On the Welland Canal, traffic climbed 64.4 per cent from August 1967 and 10.0 per cent from August 1966 to 8,361,457 tons - the highest monthly total for the year, as well as in the past two shipping seasons. Two commodities, iron ore at 3,138,328 tons and coal at 1,755,496 tons, accounted for the major part of the increase. Among other important cargoes, corn advanced by 456,147 tons for a total of 716,102 tons, wheat dropped by roughly a third to 307,228 tons, salt rose by over sixty per cent to 193,630 tons, and steel products continued the year's drive forward with cumulative shipments now in excess of three million tons.

Iron ore constituted 47.3 per cent of the tonnage through the St. Lawrence Canals, emanating from Pointe Noire - Sept Îles, Port Cartier and Contrecoeur. Three ports - Cleveland (at 721,886 tons), Conneaut (at 709,355 tons) and Hamilton (at 590,654 tons) - received approximately two-thirds of this traffic. Some 2,594,650 tons of this ore were carried on through The Welland Canal, as were tonnages from Picton, Ontario. Shipped down from the upper lakes through the Welland Canal were 486,891 tons of ore, from Taconite, Duluth, Superior, Marquette and Fort William, all being destined as raw material for Hamilton's steel-making facilities.

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	August			Tonnage of freight August 1967	Cumulative tonnage of freight	
	Number of Vessel passages	Registered net tonnage of vessels	Tonnage of freight		1968	1967
Canso Canal	146	71,736	97,822	164,943	621,299	534,059
St. Lawrence Canals	1,035	5,370,869	6,733,938	4,360,677	27,517,631	27,298,870
Welland Canal	1,057	6,423,479	8,361,457	5,084,857	32,224,014	32,506,475
Sault Ste. Marie Canal - Can. lock	782	404,441	197,656	128,706	428,413	646,444
All other canals	617	26,342	2,608	3,680	15,518	20,024
Totals	3,637	12,296,867	15,393,481	9,742,863	60,806,875	61,005,872
Sault Ste. Marie Canal - U.S. locks	2,012	..	11,304,075	11,685,309	56,171,792	57,070,700

.. Figures not available.

Transportation and Public Utilities Division
Transportation Section

November 1968
8702-517

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

CANAL AND COMMODITY	AUGUST			TOTAL AUGUST 1967	CUMULATIVE TOTAL	
	UP	DOWN	TOTAL		1968	1967
ST. LAWRENCE CANAL:						
MEAT, FRESH OR FROZEN	54	6,901	6,955	4,366	16,337	25,033
MILK POWDER		5,689	5,689	8,785	43,537	68,181
BARLEY	9,926	8,820	18,746	118,149	165,906	1,002,063
CORN		681,038	681,038	228,183	1,845,044	1,110,171
ONIONS		10,441	10,441	55,947	102,658	283,097
RYE		7,410	7,410		49,112	86,393
WHEAT		287,322	287,322	403,118	3,575,870	4,543,598
CORN MEAL AND FLOUR		24,709	24,709	6,929	71,865	49,150
MALT AND MALT FLOUR		7,120	7,120	7,437	40,341	51,093
WHEAT FLOUR		17,774	17,774	14,617	73,586	58,468
CEREALS, MILLED, NES		1,074	1,074	5,922	17,746	47,559
FRUITS, PRESERVED	2,260		2,260	1,799	7,866	14,795
FRUITS, PREPARATIONS	4,032	276	4,258	2,770	16,225	12,706
VEGETABLES, DRIED		13,249	13,257	14,589	27,424	116,371
VEGETABLE PREP. NES	1,894	1,287	3,181	2,891	14,228	16,533
RAW SUGAR				10,893	53,731	53,427
MOLASSES, CRUDE					39,852	52,333
COCOA AND CHOCOLATE	3,648		3,648	3,358	19,684	25,074
LARD		8,764	8,764	7,930	30,604	36,327
MISC. FOOD PREP. NES	1,226	448	1,674	1,469	9,184	24,756
HULLS, SCREENINGS, CHAFF				4,534	21,306	37,503
GROUND CEREALS, NES		3,736	3,736	17,951	5,343	142,863
SOYABEAN OIL MEAL, CAKE		35,333	35,333	78,805	94,853	342,936
OIL SEED MEAL, CAKE, NES		19,541	19,541	9,213	27,334	27,242
CONC. COMPLETE FEEDS	80	555	635	34,840	3,979	96,356
WINES	7,154		7,154	2,642	27,805	17,827
DIST. ALCOHOLIC BEVERAGES	6,502	224	6,726	3,430	15,243	20,218
OTHER FOOD, FEED, TOBACCO	4,872	511	5,383	1,798	16,013	14,396
RAW HIDES AND SKINS	220	14,002	14,222	12,317	40,913	47,778
FLAXSEED		21,432	21,432	39,887	153,377	242,170
RAPESEED					6,386	20,894
SOYABEANS		168,020	168,020	101,479	554,929	466,145
RUBBER, ALLIED GUMS, NAT.	19,425	34	19,459	16,687	66,935	41,502
LOGS	783	2,913	3,696	4,548	17,524	23,009
PULPWOOD	72,378		72,378	54,080	168,652	212,997
ALUMINA, BAUXITE ORE	29,943		29,943	6,097	65,234	77,253
IRON ORE AND CONC.	3,185,304		3,185,304	1,754,714	11,639,181	10,614,434
MANGANESE ORE	7,388		7,388	5,126	102,341	148,479
TITANIUM ORE					19,403	15,168
ORES AND CONC. NES	18	184	202		33,402	3,690
IRON AND STEEL SCRAP	457	70,422	70,879	61,192	93,860	309,659
NON-FERROUS MET. SCRAP	2,562	94,720	97,282	12,593	289,454	65,245
LOCAL, BITUMINOUS	109,052	69,043	178,095	88,832	658,648	671,765
CRUDE PETROLEUM	49,357		49,357	11,276	125,334	97,670
BENTONITE		17,941	17,941	18,963	65,665	66,040
CHINA CLAY	2,602		2,602	1,867	18,227	21,983
CLAY MATERIALS NES		614	614	10,128	1,788	18,203
STONE, CRUDE, NES	1,517	8,707	10,224	7,145	26,683	13,823
FLOORS PAR	13,638		13,638	18,089	84,510	72,736
GYPSUM	7,029	84	7,113	12,268	13,229	38,140
PHOSPHATE ROCK				46,407		96,688
SALT		113,374	113,374	68,945	340,821	210,630
CRUDE NON-MET. MIN. NES	883	134	1,017	1,144	2,875	22,087
OTHER CRUDE MATERIALS, INEDIBLE	5,124	3,476	8,600	7,742	47,093	63,707
LUMBER AND TIMBER	5,320	1,902	7,222	3,163	18,439	14,276
VENEER AND PLYWOOD	4,703	62	4,765	3,373	24,172	22,011
PULP	5,897		5,897	4,591	42,579	30,581
NEWSPRINT PAPER	27,609		27,609	34,342	119,573	233,419
CORDAGE, TWINE, ROPE	1,163		1,163	4,391	51,648	53,957
ANIMAL OILS, EXC. MARINE		30,044	30,044	19,406	79,185	99,856
SOYABEAN OIL		1,136	1,136	1,916	4,482	9,052
VEG. OILS, FATS, NES	1,242	3,503	4,745	6,549	43,712	35,189
METALLIC SALTS	948	3,238	4,186	3,207	44,578	24,105
INORGANIC CHEMICALS NES	321	125	446	2,541	11,140	12,497
ORGANIC CHEMICALS NES	2,850	14,464	17,314	17,086	64,567	79,525
FERTILIZERS	22	135	157	169	2,922	13,795
SYNTHETIC RUBBER	190	10,885	11,075	6,812	31,708	33,998
PLASTIC MATERIALS	791	7,222	8,013	4,062	22,268	28,193
CHEM. SPECIALTIES NES	4,330	4,079	8,409	5,263	25,378	14,316
GASOLINE	5,002		5,002	12,878	123,922	214,712
FUEL OIL	395,687		395,687	227,998	1,157,746	1,122,044
LUBRICATING OIL, GREASE	24,303	2,363	26,666	27,292	89,965	137,043
COKE		60,118	60,118	23,818	186,893	166,002
PETROL. COAL PROD. NES	28	6,157	6,185	30,385	54,577	112,520
FERRO-ALLOYS	350		350	10,167	35,426	45,671
PIG IRON	31,169		31,169	12,794	116,510	123,424
PRIMARY IRON, STEEL NES	3,613	4,075	7,688	6,429	18,793	18,931
CASTINGS, FORGINGS	1,565	4,064	5,629	2,360	18,514	12,829
BAR AND ROOS, STEEL	55,144	946	56,090	39,314	304,830	230,083
PLATE AND SHEET STEEL	372,662	15,208	387,870	198,240	2,320,341	1,055,516

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

CANAL AND COMMODITY	AUGUST			TOTAL AUGUST 1967	CUMULATIVE TOTAL	
	UP	DOWN	TOTAL		1968	1967
STRUCTURAL SHAPES	100,063	1,065	101,128	62,189	483,817	347,644
PIPE, TUBE, IRON AND STEEL	9,502	154	9,656	8,394	34,487	30,207
WIRE	12,541	97	12,638	9,358	67,687	59,580
ALUMINUM	1,907		1,907	1,879	17,788	17,009
ZINC AND ALLOYS	6,661		6,661	8,197	73,171	20,214
METAL FAB. BASIC PRODUCTS	8,360	704	9,064	12,439	59,729	76,459
GLASS BASIC PRODUCTS	9,723	122	9,845	10,098	37,581	37,252
CEMENT	14,796	5,355	20,151	290	26,826	16,782
NON-MET. MIN. BASIC PROD.	3,794	841	4,635		4,635	
OTHER FAB. MATERIALS, INEDIBLE ..	19,212	8,476	27,638	28,469	106,850	121,972
TRACTORS	2,301	936	3,237	7,188	30,760	34,313
MACHINERY NES	6,475	17,196	18,671	14,794	86,635	82,373
PASS. AUTOS AND CHASSIS	11,439	3,581	15,020	3,098	67,570	52,404
MILITARY MOTOR VEHICLES	9	3,371	3,330	9,897	4,466	30,031
MOTOR VEHICLE ENGINES, PARTS ..	1,087	1,128	2,215	4,649	13,407	22,666
EQUIPMENT	1,275	847	2,117	3,044	10,084	15,317
PERSONAL, HOUSEHOLD GOODS	4,279	883	5,162	7,899	30,998	32,130
OTHER END PRODUCTS, INEDIBLE ..	18,825	5,669	24,494	20,807	85,867	99,479
DOMESTIC PACKAGE FREIGHT	22,346	42,785	65,131	25,559	240,265	206,619
TOTAL	4,748,835	1,985,103	6,733,938	4,360,677	27,517,631	27,298,870
WELLAND CANAL:						
MEAT, FRESH OR FROZEN		6,490	6,490	4,035	14,774	22,884
MILK POWDER		5,689	5,689	7,750	63,325	64,627
HARLEY	9,926	16,976	26,902	156,238	210,278	1,107,020
CORN		716,102	716,102	259,955	1,939,117	1,211,608
OATS		10,441	10,441	80,359	115,284	335,389
RYE		7,410	7,410		49,117	90,163
WHEAT		307,228	307,228	463,193	3,404,843	4,575,701
CORN MEAL AND FLOUR		24,691	24,691	6,929	71,839	49,171
MALT AND MALT FLOUR		17,413	17,413	10,318	45,631	55,154
WHEAT FLOUR		17,774	17,774	14,617	73,586	58,462
CEREALS, MILLED, NES		1,074	1,074	5,922	19,019	47,525
VEGETABLES, DRIED		13,133	13,133	11,585	25,646	102,162
VEGETABLE PREP. NES	1,043	529	1,572	1,780	6,903	9,858
SUGAR NES		1,057	1,057	6,244	22,499	41,185
MOLASSES, CRUDE	8,459		8,459	7,192	36,767	57,870
SYRUP		2,446	2,446	2,932	2,454	5,611
COCOA AND CHOCOLATE	2,135		2,135	2,105	9,315	12,629
LARD		8,764	8,764	7,922	31,239	36,319
HULLS, SCREENINGS, CHAFF				4,534	21,306	37,503
GROUND CEREALS, NES		3,736	3,736	17,938	5,337	142,850
SOYABEAN OIL MEAL, CAKE		24,471	24,471	61,689	45,847	244,733
OIL SEED MEAL, CAKE, NES		19,093	19,093	9,034	26,259	21,156
CONC. COMPLETE FEEDS	52	205	257	34,745	2,805	95,457
WINES	5,286		5,286	25,957	17,970	36,519
DIST. ALCOHOLIC BEVERAGES	5,212	180	5,392	3,197	24,056	16,719
OTHER FOOD, FEED, TOBACCO	16,030	91,324	107,354	11,422	285,927	77,607
RAW HIDES AND SKINS	137	11,170	11,307	9,788	32,260	32,375
FLAXSEED		21,432	21,432	42,846	161,720	259,521
RAPESEED				2,025		20,894
SOYABEANS		176,099	176,099	141,465	665,417	707,172
RUBBER, ALLIED GUMS, NAT.	17,206	34	17,240	13,219	61,811	33,851
LOGS		880	880	1,462	9,159	8,906
PULPWOOD	44,495		44,495	31,580	119,103	171,466
ALUMINA, BAUXITE ORE	29,926		29,926	5,864	65,217	77,001
IRON ORE AND CONC.	2,651,437	486,891	3,138,328	1,555,585	11,098,124	10,816,329
MANGANESE ORE	7,388		7,388	5,126	101,219	148,479
TITANIUM ORE					17,848	15,168
ORES AND CONC. NES					22,389	3,690
IRON AND STEEL SCRAP	457	70,422	70,879	49,497	93,860	277,844
NON-FERROUS MET. SCRAP		1,022	1,022	2,236	6,751	15,349
COAL, BITUMINOUS		1,755,496	1,755,496	955,915	5,664,982	5,483,112
CRUDE PETROLEUM	17,844		17,844		35,393	17,703
BENTONITE		17,941	17,941	18,963	65,665	66,040
CHINA CLAY	2,602		2,602		20,473	14,500
DOLOMITE	207,964		207,964	92,136	745,498	599,906
CLAY MATERIALS NES		614	614	10,125	7,734	35,985
SAND AND GRAVEL		17,581	17,581	22,350	78,726	86,711
STONE, CRUDE, NES	119		119	304	1,731	22,705
FLUORSPAR	8,058		8,058	18,044	80,576	66,391
SALT		193,630	193,630	120,181	595,182	419,647
CRUDE NON-MET. MIN. NES	800	115	915	1,086	3,344	20,263
OTHER CRUDE MATERIALS, INEDIBLE ..	2,107	5,288	7,395	6,608	44,676	48,280
VENEER AND PLYWOOD	2,878	48	2,926	1,695	17,065	14,315
PULP	5,897		5,897	2,648	33,610	18,370
NEWSPRINT PAPER	46,654		46,654	38,883	186,948	274,788
CORDAGE, TWINE, ROPE	645		645	592	30,064	27,037
ANIMAL OILS, EXC. MARINE		29,664	29,664	18,566	74,202	96,065



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

CANAL AND COMMODITY	AUGUST			TOTAL AUGUST 1967	CUMULATIVE TOTAL	
	UP	DOWN	TOTAL		1968	1967
VEG. OILS, FATS, NES	298	3,503	3,801	611	16,083	15,613
METALLIC SALTS	462	1,001	1,463	1,956	39,446	35,690
INORGANIC CHEMICALS NES	182	15,101	15,283	15,969	57,066	62,316
GLYCOL		7,568	7,568	1,538	15,045	17,115
ORGANIC CHEMICALS NES	1,613	11,435	13,048	15,768	55,540	91,856
FERTILIZERS	22	7,144	7,166	169	25,493	356
SYNTHETIC RUBBER	138	10,659	10,797	6,385	30,134	32,135
PLASTIC MATERIALS	102	6,317	6,419	2,461	16,791	21,710
CHEM. SPECIALTIES NES	51	4,004	4,055	4,787	14,981	12,435
GASOLINE	22,169	9,205	31,374	19,805	127,812	176,763
FUEL OIL	155,183	57,566	212,749	111,094	647,747	591,128
LUBRICATING OIL, GREASE	20,064	2,363	22,427	23,933	84,512	108,744
COKE		66,146	66,146	23,818	239,699	172,852
ASPHALTS, ROAD OILS		584	584	2,652	1,005	26,382
COAL TAR, PITCH		7,600	7,600	17,137	83,019	63,455
PETROL, COAL PROD. NES	28	29,189	29,217	10,126	96,511	107,908
FERRO-ALLOYS	321		321	8,961	32,262	41,969
PIG IRON	31,169		31,169	9,977	105,955	125,072
PRIMARY IRON, STEEL NES	3,483	4,075	7,558	6,388	18,479	14,131
CASTINGS, FORGINGS	1,548	6,054	7,612	2,306	20,140	12,491
BAR AND RODS, STEEL	52,554	234	52,788	33,317	288,015	202,331
PLATE AND SHEET STEEL	369,689	2,349	372,038	177,707	2,257,719	949,936
STRUCTURAL SHAPES	20,535	202	20,737	51,659	432,426	285,241
PIPE, TUBE, IRON AND STEEL	7,951	154	8,105	6,939	27,112	21,045
WIRE	11,465		11,465	8,149	61,814	52,366
ALUMINUM	1,679		1,679	1,304	15,966	13,457
ZINC AND ALLOYS	6,661		6,661	8,197	23,073	20,174
METAL FAR. BASIC PRODUCTS	6,751	474	7,225	10,103	50,859	62,814
GLASS BASIC PRODUCTS	6,381	63	6,444	8,243	31,129	30,777
CEMENT	6,010	9,855	15,865	20,701	70,879	170,237
NON-MET. MIN. BASIC PROD.	3,112	836	3,948	3,401	12,182	13,208
OTHER FAR. MATERIALS, INEDIBLE	14,144	3,121	17,265	14,745	67,010	68,073
TRACTORS	1,934	881	2,815	6,251	27,029	30,055
MACHINERY NES	3,710	10,342	14,052	11,407	63,933	58,333
PASS. AUTOS AND CHASSIS	9,882	3,581	13,463	2,534	59,703	43,621
MILITARY MOTOR VEHICLES	9	3,321	3,330	9,897	4,456	29,912
MOTOR VEHICLE ENGINES, PARTS	646	876	1,522	3,391	10,580	17,609
OTHER END PRODUCTS, INEDIBLE	8,038	4,960	12,998	16,898	60,219	69,445
DOMESTIC PACKAGE FREIGHT	30,313	28,017	58,330	19,817	238,290	182,003
TOTAL	3,963,054	4,398,403	8,361,457	5,084,857	32,224,014	32,506,475

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

-AUGUST-

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			22,203	24,439	22,203	24,439
PULPWOOD, LUMBER AND LOGS				9,869		9,869
WHEAT		10,546		325,616		337,162
BARLEY				53,738		53,738
OATS			674	12,241	674	12,241
CORN			2,994	170,805	2,994	170,805
RYE				7,524		7,524
FLAXSEED				18,822		18,822
SOYABEANS		3,774		15,459		19,233
FLOUR				3,172		3,172
MILL PRODUCTS, SCREENINGS				19,954		19,954
IRON ORE				9,113,147		9,113,147
MANUFACTURED IRON AND STEEL	118	8,502		26,824	118	35,326
PIG IRON			4,794	21,291	4,794	21,291
SCRAP IRON				32,260		32,260
STONE, BROKEN, SAND AND GRAVEL		216,077	10,400	17,400	10,400	226,477
CEMENT		65,132				65,132
COAL, BITUMINOUS		953,130				953,130
COAL, ANTHRACITE						
COKE						
NON-METALLIC MINERALS, MFRS.		19,520				19,520
GASOLINE	11,020	25,197	4,464	6,325	15,484	31,522
FUEL OIL	28,774	79,712		14,045	28,774	93,737
OTHER PETROLEUM PRODUCTS						
MOTOR VEHICLES						
MISCELLANEOUS MERCHANDISE	3,316	30,506	2,672	96,347	5,918	126,453
DOMESTIC PACKAGE FREIGHT	70,814	70,814	35,483	35,483	106,297	106,297
TOTAL	114,042	1,482,910	83,614	10,018,821	197,656	11,501,731