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SUMMARY OF CANAL STATISTICS

OCTOBER 1968

During October, goods locked through all Canadian canals advanced 7.7 per cent to 14,707,528 tons from 13,656,147 tons in 1967, the corresponding total for October 1966 was 15,522,234 tons. Vessel passages numbered 2,590 of 10,827,517 registered net tons compared to 2,459 craft of 10,259,658 tons in the past year.

Traffic along the St. Lawrence Canals in October climbed to 6,524,509 tons or 7.1 per cent over 1967. There were a number of significant increases reported, including soyabeans (up 225,658 tons to 410,008 tons), corn (up 211,395 tons to 319,911 tons), fuel oil (up 60,086 tons to 348,521 tons) and wheat (up 49,141 tons to 826,623 tons). Following months of heavy shipments, iron ore activity dropped back to 2,121,692 tons from 2,413,579 tons in October 1967.

Through the Welland Canal, cargo handled this month rose six per cent to 7,787,154 tons. The decline for iron ore was less than that for the St. Lawrence, having fallen 143,185 tons to 2,453,623 tons. Bituminous coal moved forward three per cent to 1,055,047 tons, wheat by a similar percentage to 881,012 tons, and steel products by fifteen per cent to approximately seven hundred thousand tons.

Of the month's wheat shipments through the Welland, some 595,695 tons originated at Port Arthur-Port William with destinations being Quebec ports (at 452,314 tons), other Ontario ports (at 73,291 tons), the Atlantic provinces (at 41,124 tons) and overseas (at 28,966 tons). Other originating points ranging to slightly under forty thousand tons include Duluth, Superior, Saginaw, Chicago, Goderich and Port Colborne. The main receiving centres were Montreal at 197,658 tons, Baie Comeau at 195,412 tons, Port Cartier at 97,248 tons, Sorel at 81,056 tons, and Trois Rivières at 80,274 tons; these ports are all important exporters of grain to numerous countries. The cumulative volume of this commodity through the Welland totals 5,295,138 tons, some 6.1 per cent below the previous year.

Dolomite shipments reported for the Welland in October amounted to 171,671 tons, an increase of fifty per cent over the previous year. Similarly cumulative movements are ahead, the totals to the end of October being 1,124,576 tons and 879,255 tons in the two years, Port Colborne being the shipping point. During the month there were three receiving centres, namely Cleveland, Fairport and Ashtabula.

The volume of freight reported for all Canadian canals from April to the end of this month stood at 90,616,484 tons, or eleven per cent above 1967; this total is three million tons below the 1966 record. During this time the American locks at Sault Ste. Marie accommodated 77,663,370 cargo tons, about one per cent over the previous year.

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

Canal	October			Tonnage of freight October 1967	Cumulative tonnage of freight	
	Number of Vessel passages	Registered net tonnage of vessels	Tonnage of freight		1968	1967
Canso Canal	133	140,204	201,129	113,801	908,901	719,385
St. Lawrence Canals	991	4,549,319	6,524,509	6,090,651	40,741,644	36,554,222
Welland Canal	996	5,811,664	7,787,154	7,343,553	48,167,016	43,497,134
Sault Ste. Marie Canal - Can. lock	251	309,284	190,904	103,976	776,879	827,941
All other canals	219	17,046	3,832	4,166	22,044	28,313
Totals	2,590	10,827,517	14,707,528	13,656,147	90,616,484	81,627,195
Sault Ste. Marie Canal - U.S. locks	1,386	..	10,289,071	10,419,528	77,663,370	76,941,473

.. Figures not available.

Transportation and Public Utilities Division
Transportation Section

January 1969
8702-517

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

CANAL AND COMMODITY	OCTOBER			TOTAL OCTOBER 1967	CUMULATIVE TOTAL	
	UP	DOWN	TOTAL		1968	1967
ST. LAWRENCE CANALS :						
MEAT, FRESH OR FROZEN	207	7,452	7,659	5,329	31,568	34,434
MILK POWDER		12,799	12,799	9,137	81,803	90,893
BARLEY		85,722	85,722	135,210	360,870	1,208,922
CORN		319,911	319,911	108,516	2,368,687	1,404,815
OATS		31,394	31,394	42,981	191,855	365,838
RYE		16,273	16,273	25,116	83,123	125,391
WHEAT		826,623	826,623	777,582	5,408,125	5,558,954
CORN MEAL AND FLOUR		6,030	6,030	18,856	102,269	104,140
MALT AND MALT FLOUR		10,451	10,451	13,785	61,236	75,394
WHEAT FLOUR		6,384	6,384	6,838	113,464	85,726
CEREALS, MILLED, NES		1,889	1,889	3,007	30,629	53,629
FRUITS, PRESERVED	4,067		4,067	3,106	14,454	19,569
FRUITS, PREPARATIONS	4,714	36	4,750	6,140	23,066	22,572
VEGETABLES, DRIED	123	23,963	24,086	19,998	60,197	140,069
VEGETABLE PREP. NES	14,726	2,330	17,056	9,721	35,522	35,994
RAW SUGAR	47,516		47,516	28,701	135,683	113,434
MOLASSES, CRUDE	16,100		16,100		55,952	52,333
COCOA AND CHOCOLATE	5,545	6	5,551	5,264	27,594	32,147
LARD		7,583	7,583	6,783	42,974	54,375
MISC. FOOD PREP. NES	2,180	504	2,684	3,820	13,213	30,370
HULLS, SCREENINGS, CHAFF		7,797	7,797	9,840	60,831	52,107
GROUND CEREALS, NES	12	9,848	9,860	18,255	16,523	178,860
SOYABEAN OIL MEAL, CAKE		18,842	18,842	45,900	124,132	454,867
OIL SEED MEAL, CAKE, NES		4,388	4,388	17,802	43,571	44,101
CONC. COMPLETE FEEDS	148	745	893	8,156	5,503	116,527
WINES	7,979	14	7,993	6,008	41,134	28,258
DIST. ALCOHOLIC BEVERAGES	11,382	91	11,473	6,242	35,382	34,731
OTHER FOOD, FEED, TOBACCO	11,263	71,428	82,691	11,346	161,581	86,709
RAW HIDES AND SKINS	117	10,355	10,472	7,150	61,585	63,444
FLAXSEED		60,474	60,474	32,746	251,449	291,543
RAPESEED		1,723	1,723		8,109	22,040
SOYABEANS		410,008	410,008	184,350	1,093,689	694,702
RUBBER, ALLIED GUMS, NAT.	16,847		16,847	21,633	102,555	75,667
LOGS		5,488	5,488	4,161	24,586	20,754
PULPWOOD	34,347		34,347	53,191	297,676	272,117
ALUMINA, BAUXITE ORE	22,223		22,223	4,574	100,370	87,605
IRON ORE AND CONC.	2,121,692		2,121,692	2,413,579	16,373,131	14,015,882
MANGANESE ORE	22,208	65	22,273	36,396	124,640	191,921
TITANIUM ORE	24,196		24,196	6,770	43,599	54,165
ORES AND CONC. NES				9,303	33,431	20,379
IRON AND STEEL SCRAP		89,659	89,659	53,620	275,590	399,400
NON-FERROUS MET. SCRAP	42	3,556	3,598	21,408	297,768	69,068
COAL, BITUMINOUS	159,158	45,938	205,096	169,664	1,060,714	982,096
CRUDE PETROLEUM	17,268		17,268	34,534	142,602	132,204
BENTONITE		25,818	25,818	24,687	121,851	94,873
CHINA CLAY	7,847		7,847	5,227	33,130	32,401
CLAY MATERIALS NES	28	190	218	10,058	2,086	28,827
STONE, CRUDE, NES	1,566	6,084	7,650	15,443	44,805	34,425
FLUORSPAR	41,055		41,055	35,258	139,766	126,986
GYPSUM		97	97	49	30,768	38,225
PHOSPHATE ROCK				13,459		122,098
SALT		78,662	78,662	105,486	554,397	374,974
CRUDE NON-MET. MIN. NES	1,664	48	1,712	1,571	6,775	24,829
OTHER CRUDE MATERIALS, INEDIBLE	12,365	10,970	23,335	16,511	78,038	97,022
LUMBER AND TIMBER	6,542	1,084	7,626	4,308	30,874	22,578
VENEER AND PLYWOOD	7,567	30	7,597	9,196	36,701	34,849
PULP	14,482	2,010	16,492	13,619	62,587	55,770
NEWSPRINT PAPER	32,572		32,572	66,709	180,332	312,651
CORDAGE, TWINE, ROPE	7,348		7,348	1,243	59,301	40,954
ANIMAL OILS, EXC. MARINE	56	16,651	16,707	27,743	116,676	147,146
SOYABEAN OIL				3,830	4,482	14,930
VEG. OILS, FATS, NES	2,048	246	2,294	2,412	55,967	47,585
METALLIC SALTS	3,730	3,636	7,366	9,715	55,133	35,347
INORGANIC CHEMICALS NES	2,207	1,270	3,477	986	24,177	14,869
ORGANIC CHEMICALS NES	7,627	7,047	14,674	19,374	108,324	118,020
FERTILIZERS	5,963	5,639	11,602	3,156	25,891	25,929
SYNTHETIC RUBBER	255	7,537	7,792	7,190	45,056	48,501
PLASTIC MATERIALS	1,100	4,706	5,806	4,289	36,118	35,602
CHEM. SPECIALTIES NES	454	1,774	2,228	3,717	31,599	20,648
GASOLINE	53,451		53,451	19,737	700,266	241,138
FUEL OIL	337,084	11,437	348,521	288,435	1,853,702	1,565,708
LUBRICATING OIL, GREASE	16,620	1,094	17,714	27,016	133,106	177,393
COKE		19,106	19,106	37,379	225,819	203,528
PETROL. COAL PROD. NES	8	11,117	11,125	3,343	73,063	132,272
FERRO-ALLOYS	13,585		13,585	17,837	67,223	69,296
PIG IRON	62,988	527	63,515	39,845	212,663	170,158
PRIMARY IRON, STEEL NES	2,189		2,189	6,373	27,083	26,082
CASTINGS, FORGINGS	7,468	1,773	9,241	1,331	42,386	15,483
BARNS AND RODS, STEEL	82,254	1,824	84,078	29,342	434,899	315,389
PLATE AND SHEET STEEL	479,227	22,655	501,882	480,656	3,353,216	1,836,222

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

CANAL AND COMMODITY	OCTOBER			TOTAL OCTOBER 1967	CUMULATIVE TOTAL	
	UP	DOWN	TOTAL		1968	1967
STRUCTURAL SHAPES	121,085	781	121,866	119,380	737,324	536,087
PIPE, TUBE, IRON AND STEEL	9,858	384	10,242	5,397	49,595	42,991
WIRE	17,819	76	17,895	18,947	97,331	89,280
ALUMINUM	2,359	60	2,419	2,495	22,929	22,781
ZINC AND ALLOYS	5,911	341	6,252	7,447	34,284	29,197
METAL FAB. BASIC PRODUCTS	13,872	904	14,776	13,217	83,537	104,176
GLASS BASIC PRODUCTS	16,495	38	16,533	8,823	69,406	53,820
CEMENT	109	5,901	6,010	308	45,537	17,090
NON-MET. MIN. BASIC PROD.	4,791	689	5,480	4,924	13,280	23,128
OTHER FAB. MATERIALS, INEDIBLE	17,795	14,659	32,454	25,518	166,108	169,328
TRACTORS	5,721	2,727	8,448	4,174	48,398	46,343
MACHINERY NES	13,623	15,829	29,452	13,748	130,342	109,688
PASS. AUTOS AND CHASSIS	15,854	7,147	23,001	17,208	99,257	78,911
MILITARY MOTOR VEHICLES		756	756	274	6,939	34,503
MOTOR VEHICLE ENGINES, PARTS ..	2,557	5,850	8,407	4,817	26,482	30,755
EQUIPMENT	3,201	1,973	5,174	3,497	17,400	21,571
PERSONAL, HOUSEHOLD GOODS	4,774	730	5,504	2,535	41,566	40,353
OTHER END PRODUCTS, INEDIBLE ..	22,616	8,386	31,002	26,587	134,619	139,045
DOMESTIC PACKAGE FREIGHT	27,594	53,038	80,632	48,412	386,615	264,321
TOTAL	4,061,439	2,463,070	6,524,509	6,090,651	40,741,644	36,554,222
WELLAND CANAL:						
MEAT, FRESH OR FROZEN	49	7,174	7,223	4,377	29,423	30,791
MILK POWDER		10,128	10,128	9,137	78,920	87,213
BARLEY		105,071	105,071	163,782	429,094	1,324,481
CORN		342,138	342,138	122,866	2,511,416	1,526,012
OATS		32,746	32,746	64,623	209,257	426,373
RYE		17,330	17,330	29,258	84,180	134,578
WHEAT		881,017	881,017	858,695	5,295,138	5,638,698
CORN MEAL AND FLOUR		6,030	6,030	18,856	102,243	104,111
MALT AND MALT FLOUR		18,447	18,447	10,982	77,330	76,652
WHEAT FLOUR		6,384	6,384	6,838	113,464	85,720
CEREALS, MILLED, NES		1,889	1,889	2,975	31,878	53,543
VEGETABLES, DRIED	3	25,266	25,269	18,244	59,190	123,652
VEGETABLE PREP. NES	4,275	927	5,197	5,493	14,169	18,044
SUGAR NES		805	805	5,884	26,730	47,382
MOLASSES, CRUDE	11,962		11,962	7,168	58,492	68,172
SYRUP	2,031		2,031	6,126	11,617	20,733
COCOA AND CHOCOLATE	3,095		3,095	3,089	13,849	16,862
LARD		7,583	7,583	6,783	43,609	54,367
HULLS, SCREENINGS, CHAFF		7,797	7,797	9,840	60,831	52,107
GROUND CEREALS, NES	12	10,530	10,542	23,338	17,199	183,481
SOYABEAN OIL MEAL, CAKE		4,479	4,479	32,313	54,058	332,557
OIL SEED MEAL, CAKE, NES		4,332	4,332	17,410	41,936	42,388
CONC. COMPLETE FEEDS	79	391	470	7,539	3,350	114,802
WINES	5,849		5,849	4,362	27,751	43,406
DIST. ALCOHOLIC BEVERAGES	10,084	91	10,175	5,447	41,124	28,808
OTHER FOOD, FEED, TOBACCO	20,239	69,474	89,713	13,396	448,229	104,044
RAW HIDES AND SKINS	81	8,549	8,630	5,335	49,423	44,463
FLAXSEED		61,947	61,947	38,829	261,265	317,971
RAPESEED		1,723	1,723		3,748	22,040
SOYABEANS		463,578	463,578	267,239	1,275,502	1,020,361
RUBBER, ALLIED GUMS, NAT.	14,733		14,733	18,766	90,117	62,970
LOGS		5,432	5,432	3,407	16,127	13,948
PULPWOOD	34,347		34,347	53,191	223,705	230,986
ALUMINA, BAUXITE ORE	22,223		22,223	4,574	100,353	87,343
IRON ORE AND CONC.	1,974,394	479,229	2,453,623	2,596,808	16,373,467	14,478,860
MANGANESE ORE	22,208	65	22,273	36,378	123,518	191,903
TITANIUM ORE	24,196		24,196	6,720	42,044	51,801
ORES AND CONC. NES				9,298	22,418	20,357
IRON AND STEEL SCRAP		89,659	89,659	53,620	275,590	367,585
NON-FERROUS MET. SCRAP	15	1,083	1,098	19,783	9,031	57,179
CDAL, BITUMINOUS	11,574	1,043,473	1,055,047	1,024,011	8,118,406	7,054,133
CRUDE PETROLEUM	17,268		17,268	17,476	52,661	35,179
BENTONITE		25,818	25,818	24,687	121,851	94,873
CHINA CLAY	5,975		5,975	3,380	31,622	23,058
DOLOMITE	171,671		171,671	114,558	1,124,576	879,255
CLAY MATERIALS NES	12	5,730	5,742	10,042	13,532	58,595
SAND AND GRAVEL		34,337	34,337	11,018	133,778	103,987
STONE, CRUDE, NES	921		921	488	2,652	23,842
FLUORSPAR	33,120		33,120	24,073	127,897	109,456
SALT		151,331	151,331	168,547	926,236	688,148
CRUDE NON-MET. MIN. NES	1,570	48	1,618	1,446	7,150	22,544
OTHER CRUDE MATERIALS, INEDIBLE	9,124	5,725	14,849	19,288	64,606	81,880
VENEER AND PLYWOOD	4,273	9	4,282	5,657	23,933	22,376
PULP	14,482		14,482	13,619	50,253	43,559
NEWSPRINT PAPER	44,362		44,362	82,925	267,999	377,830
CORDAGE, TWINE, ROPE	6,245		6,245	1,143	36,589	29,760
ANIMAL OILS, EXC. MARINE		16,113	16,113	27,328	109,196	141,717



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

CANAL AND COMMODITY	OCTOBER			TOTAL OCTOBER 1967	CUMULATIVE TOTAL	
	UP	DOWN	TOTAL		1968	1967
VEG. OILS, FATS, NES	23	246	269	826	19,673	18,187
METALLIC SALTS	2,216	7,258	9,474	27,472	62,265	64,135
INORGANIC CHEMICALS NES	1,903	12,300	14,203	9,678	89,120	82,716
GLYCOL					15,061	17,115
ORGANIC CHEMICALS NES	2,197	6,679	8,876	18,974	88,731	129,078
FERTILIZERS	4,830	28	4,858	3,377	48,804	3,917
SYNTHETIC RUBBER	9	7,068	7,077	6,423	42,546	45,646
PLASTIC MATERIALS	474	3,522	3,996	3,065	27,874	26,709
CHEM. SPECIALTIES NES	279	1,711	1,990	3,536	20,747	18,314
GASOLINE	27,052	11,801	38,853	40,555	208,937	226,574
FUEL OIL	138,389	66,889	205,278	165,460	1,045,107	879,957
LUBRICATING OIL, GREASE	16,561	844	17,405	29,330	126,782	147,940
COKE		19,106	19,106	37,313	278,625	217,179
ASPHALTS, ROAD OILS		3,235	3,235	5,297	12,347	33,782
COAL TAR, PITCH	2,366	15,630	17,996	10,718	107,193	86,532
PETROL, COAL PROD. NES	8	22,416	22,424	24,364	130,594	138,806
FERRO-ALLOYS	12,257		12,257	17,009	62,187	61,812
PIG IRON	59,992	150	60,142	39,845	198,735	171,806
PRIMARY IRON, STEEL NES	2,189		2,189	6,373	26,769	21,282
CASTINGS, FORGINGS	2,296	59	2,355	1,148	36,976	14,904
BAR AND ROOS, STEEL	80,062	96	80,158	27,653	413,491	278,003
PLATE AND SHEET STEEL	476,030	7,236	483,266	450,152	3,252,515	1,677,505
STRUCTURAL SHAPES	119,323	348	119,671	113,899	672,066	462,169
PIPE, TUBE, IRON AND STEEL	8,707	277	8,984	4,091	38,847	30,776
WIRE	16,212	48	16,260	17,549	88,141	79,314
ALUMINUM	2,174	53	2,227	2,111	19,424	17,796
ZINC AND ALLOYS	5,823		5,823	7,414	33,757	29,124
METAL FAB. BASIC PRODUCTS	11,950	512	12,462	11,183	70,674	85,570
GLASS BASIC PRODUCTS	12,158	18	12,176	7,700	52,860	45,550
CEMENT	3,400	7,899	11,299	20,283	93,469	200,880
NON-MET. MIN. BASIC PROD.	3,225	666	3,891	3,517	18,459	18,681
OTHER FAB. MATERIALS, INEDIBLE	12,893	4,379	17,272	20,073	106,338	105,115
TRACTORS	4,479	2,648	7,127	3,168	42,610	40,171
MACHINERY NES	9,453	14,496	23,949	10,736	98,935	79,113
PASS. AUTOS AND CHASSIS	13,146	4,990	18,136	14,258	84,020	64,887
MILITARY MOTOR VEHICLES		756	756	274	6,929	34,384
MOTOR VEHICLE ENGINES, PARTS	1,990	5,628	7,618	4,207	22,190	24,164
OTHER END PRODUCTS, INEDIBLE	15,447	8,421	23,868	18,043	95,739	98,586
DOMESTIC PACKAGE FREIGHT	25,132	30,761	55,893	34,129	343,807	222,069
TOTAL	3,565,117	4,222,037	7,787,154	7,343,553	48,167,016	43,497,134

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

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			35,547	42,642	35,547	42,642
PULPHOOD, LUMBER AND LOGS						
WHEAT				1,291,020		1,291,020
BARLEY			9,490	182,899	9,490	182,899
OATS				58,165		58,165
CORN				8,008		8,008
RYE			8,336	27,779	8,336	27,779
FLAXSEED				53,011		53,011
SOYABEANS						
FLOUR				2,065		2,065
MILL PRODUCTS, SCREENINGS				31,993		31,993
IRON ORE				7,455,876		7,455,876
MANUFACTURED IRON AND STEEL	18	15,168	2,921	19,006	2,939	34,174
PIG IRON		8,502		15,702		24,204
SCRAP IRON				16,743		16,743
STONE, BROKEN, SAND AND GRAVEL		150,995	13,370	13,370	13,370	164,315
CEMENT		57,003				57,003
COAL, BITUMINOUS		742,689				742,689
COAL, ANTHRACITE						
COKE						
NON-METALLIC MINERALS, MFRS.		29,319				29,319
GASOLINE	10,804	23,161	7,399	14,294	18,203	37,455
FUEL OIL	25,501	51,443	9,978	11,658	35,479	63,101
OTHER PETROLEUM PRODUCTS						
MOTOR VEHICLES	273	273			273	273
MISCELLANEOUS MERCHANDISE		30,711	1,540	60,753	1,540	91,464
DOMESTIC PACKAGE FREIGHT	43,676	43,676	22,101	22,101	65,777	65,777
TOTAL	80,272	1,152,940	110,632	9,327,035	190,904	10,479,975