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SUMMARY OF CANAL STATISTICS

MAY 1965

An analysis of May canal data revealed several important changes and developments:

The total volume of freight transported through all Canadian canals in May 1965 increased 7.9 per cent, to 13,220,848 tons from the 12,249,579 tons recorded in May 1964. Although wheat shipments were lower than the corresponding month last year, this was more than balanced by increased movements of iron ore; bars and rods, steel; plate, sheet and strip, steel; and structural shapes and sheet piling.

The total traffic recorded through the St. Lawrence Canals increased 6.5 per cent this month, to 5,661,920 tons from 5,313,878 tons in May of last year. The Welland Canal recorded an increase of 10.3 per cent, to 7,396,461 tons from 6,704,550 tons in May 1964.

Wheat moving through the St. Lawrence and Welland Canals totalled 1,195,040 tons and 1,283,524 tons, respectively, compared to 1,400,046 tons and 1,468,946 tons for May 1964.

Iron ore shipments through these canals totalled 1,739,940 tons and 2,511,442 tons, respectively, compared to 1,572,306 tons and 1,997,606 tons for the corresponding month last year.

The St. Lawrence Canals recorded the movement of: bars and rods, steel, 115,030 tons (21,462 in May 1964); plate, sheet and strip, steel, 129,099 tons (25,714); structural shapes and sheet piling, 136,180 tons (77,428). The bulk of these tonnages also passed through the Welland Canal.

Bituminous coal moving through the Sault Ste Marie canals increased to 1,123,097 compared to 956,810 tons in May 1964.

Transportation Section
Public Finance and Transportation Division

July 1965
8504-517

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

Canal	May 1965			1964	Cumulative	Cumulative
	Number of vessel passages	Registered net tonnage of vessels	Tonnage of freight	Tonnage of freight	Tonnage of freight 1965	Tonnage of freight 1964
St. Peter's Canal	67	863	17	24	17	32
Canso Canal	121	42,617	33,570	123,542	33,570	123,707
Richelieu River Canals	92	17,295	13,369	11,121	14,859	22,718
St. Lawrence Canals	967	3,582,751	5,661,920	5,313,878	8,572,367	8,602,508
Ottawa River Canals	32	2,328	60	1,563	60	1,563
Rideau Canal	3	34	-	-	-	-
Murray Canal	22	687	-	-	-	-
Trent Canal	11	94	2	7	2	7
Welland Canal	1,119	5,072,934	7,396,461	6,704,550	10,541,475	10,646,851
Sault Ste. Marie Canal - Can. lock ...	246	473,384	115,449	94,862	137,297	116,015
St. Andrew's Canal	-	-	-	32	-	32
Totals	2,680	9,192,987	13,220,848	12,249,579	19,299,647	19,513,433
Sault Ste. Marie Canal - U.S. locks ..	1,723	..	13,260,603	13,051,008	10,541,475	18,908,475

.. Figures not available.

TABLE 2. Tonnage of Freight Transported through the St. Lawrence Canals, by Commodity, by Direction, and by Type of Cargo, May 1965

Commodity	Upbound(1)		Downbound(1)		Total bulk	Total general	Grand Total
	Bulk	General	Bulk	General			
Meat, fresh, chilled or frozen	-	23	-	5,941	-	5,964	5,964
Butter	-	-	-	1,829	-	1,829	1,829
Milk powder	-	-	-	17,998	-	17,998	17,998
Barley	-	-	178,167	-	178,167	-	178,167
Corn	-	-	508,659	-	508,659	-	508,659
Oats	-	-	84,916	-	84,916	-	84,916
Rye	-	-	11,936	-	11,936	-	11,936
Wheat	-	-	1,195,040	-	1,195,040	-	1,195,040
Corn meal and flour	-	-	8,474	-	8,474	-	8,474
Malt and malt flour	-	-	5,823	-	5,823	-	5,823
Wheat flour	-	-	47,243	-	47,243	-	47,243
Cereals milled, n.e.s.	-	23	1,314	-	1,314	23	1,337
Dried and dehydrated fruits	-	677	-	2,203	-	2,880	2,880
Fruits and preparations, canned (except infant foods)	-	2,591	-	251	-	2,842	2,842
Vegetables, dried	55	-	26,215	-	26,270	-	26,270
Raw sugar	560	-	-	-	560	-	560
Molasses, crude	6,416	-	-	-	6,416	-	6,416
Sugar preparations (including confectionery)	-	1,049	-	34	-	1,083	1,083
Lard	-	-	9,796	1,496	9,796	1,496	11,292
Miscellaneous foods, food materials and food preparations, n.e.s.	-	399	13	1,267	13	1,666	1,679
Hulls, screenings, chaff and scourings	-	-	16,586	-	16,586	-	16,586
Ground cereals and by-products, n.e.s.	-	-	2,881	-	2,881	-	2,881
Soyabean oil meal and cake	-	-	51,095	-	51,095	-	51,095
Oil seed meals and cake, n.e.s.	-	-	12,613	-	12,613	-	12,613
Feeds of vegetable origin, n.e.s.	-	-	11,770	-	11,770	-	11,770
Ale, beer, stout and porter	1,571	-	-	10	-	1,581	1,581
Wines	-	3,093	-	86	-	3,179	3,179
Distilled alcoholic beverages	-	3,313	-	137	-	3,450	3,450
Raw hides and skins and undressed fur skins	-	478	-	18,085	-	18,563	18,563
Flaxseed	-	-	52,541	-	52,541	-	52,541
Soya beans	-	-	194,152	-	194,152	-	194,152
Rubber and allied gums, natural, and natural gums and resins	-	20,276	-	-	-	20,276	20,276
Logs	-	-	5,240	-	5,240	-	5,240
Pulpwood	2,064	-	-	-	2,064	-	2,064
Alumina and bauxite ore	8,245	-	-	-	8,245	-	8,245
Iron ore, crude, and concentrates, calcined, roasted or treated	1,739,940	-	-	-	1,739,940	-	1,739,940
Manganese ore	-	-	-	-	-	-	-
Ores, concentrates and precipitates, n.e.s.	-	-	-	375	-	375	375

See note at end of table.

TABLE 2. Tonnage of Freight Transported through the St. Lawrence Canals, by Commodity, by Direction, and by Type of Cargo, May 1965

Commodity	Upbound(1)		Downbound(1)		Total bulk	Total general	Grand total
	Bulk	General	Bulk	General			
	tons						
Iron and steel scrap	-	-	10,644	-	10,644	-	10,644
Non-ferrous and precious metal scrap ..	-	649	-	1,115	-	1,764	1,764
Slags, drosses and other by-products ..	-	-	9,939	1,362	9,939	1,362	11,301
Coal, bituminous, sub-bituminous, and lignite	21,000	-	82,978	-	103,978	-	103,978
Crude petroleum, petroleum tops and natural gasoline	8,857	-	-	-	8,857	-	8,857
Bentonite	2,569	-	9,676	-	12,245	-	12,245
China clay	1,583	-	-	-	1,583	-	1,583
Clay and other crude refractory materials, n.e.s.	11	460	189	52	200	512	712
Fluorspar	21,465	-	-	-	21,465	-	21,465
Gypsum	15,727	-	-	-	15,727	-	15,727
Phosphate rock	-	-	-	-	-	-	-
Salt	-	-	20,719	-	20,719	-	20,719
Sulphur in ores, crude and refined (except pharmaceutical grade)	-	-	-	-	-	-	-
Crude non-metallic minerals (except coal and petroleum), n.e.s.	459	90	1,134	498	1,593	588	2,181
Veneer, plywood and wood building boards	-	5,632	-	156	-	5,788	5,788
Pulp	6,647	-	740	341	7,387	341	7,728
Newsprint paper	-	59,621	-	106	-	59,727	59,727
Cordage, twine and rope (except braided cords and threads)	-	4,679	-	-	-	4,679	4,679
Animal oils and fats (except marine) ..	-	-	32,014	11	32,014	11	32,025
Soybean oil	-	-	564	-	564	-	564
Vegetable oils and fats, (except essential oils), n.e.s.	5,422	373	326	57	5,748	430	6,178
Metallic salts and peroxyalts, of inorganic acids	60	538	-	1,186	60	1,724	1,784
Inorganic chemicals, n.e.s.	583	122	4	1,708	587	1,830	2,417
Organic chemicals, n.e.s.	3,024	1,628	5,271	1,603	8,295	3,231	11,526
Fertilizers and fertilizer materials, n.e.s.	100	-	-	11	100	11	111
Synthetic rubber (including rubber compounds and reclaimed rubber)	-	174	949	3,912	949	4,086	5,035
Chemical specialties, industrial, n.e.s.	16,229	1,538	8,844	8,324	25,073	9,862	34,935
Gasoline	-	-	-	-	-	-	-
Fuel oil	230,522	-	7,432	35	237,954	35	237,989
Lubricating oils and greases	30,276	12	-	316	30,276	328	30,604
Coke of petroleum and coal	-	-	19,083	-	19,083	-	19,083
Coal tar and coal pitch	-	30	949	63	949	93	1,042
Petroleum and coal products, n.e.s.	3,935	6	7,085	140	11,020	146	11,166
Ferro-alloys	20,311	10	-	-	20,311	10	20,321
Pig iron	36,759	-	-	-	36,759	-	36,759
Bars and rods, steel	2,153	112,485	-	392	2,153	112,877	115,030
Plate, sheet and strip, steel	2,644	123,789	-	2,666	2,644	126,455	129,099
Structural shapes and sheet piling	200	134,617	-	1,363	200	135,980	136,180
Pipes and tubes, iron and steel (except fittings and finished electrical conduit and tubing)	-	4,417	-	405	-	4,822	4,822
Wire (including wire rope)	-	12,240	-	1,352	-	13,592	13,592
Aluminum (including alloys)	-	2,704	-	647	-	3,351	3,351
Metal fabricated basic products	-	15,243	1,508	2,065	1,508	17,308	18,816
Glass basic products	-	6,654	-	230	-	6,884	6,884
Cement	110	-	2,229	6	2,339	6	2,345
Non-metallic mineral basic products, n.e.s.	-	3,225	-	2,004	-	5,229	5,229
Machinery, n.e.s.	-	9,480	475	7,681	475	17,161	17,636
Passenger automobiles and chassis	-	10,218	-	7,001	-	17,219	17,219
Trucks, truck chassis and truck tractors, commercial	-	308	-	953	-	1,261	1,261
Motor vehicles engines, accessories, parts and assemblies	-	1,588	-	2,953	-	4,541	4,541
Miscellaneous end products, inedible, n.e.s.	1,316	24,176	-	5,603	1,316	29,779	31,095
Domestic package freight	27,877	-	48,712	-	76,589	-	76,589
Other	3,439	24,442	19,841	24,913	23,280	49,355	72,635
Total freight carried	2,220,558	594,641	2,715,779	130,942	4,936,337	725,583	5,661,920

(1) In previous years upbound was referred to as westbound, and downbound was referred to as eastbound.
 (2) Includes - tons of non-toll traffic using only the Lachine canal.

TABLE 3. Tonnage of Freight Transported through the Welland Canal, by Commodity, by Direction, and by Type of Cargo, May 1965

Commodity	Upbound(1)		Downbound(1)		Total bulk	Total general	Grand total
	Bulk	General	Bulk	General			
	tons						
Meat, fresh, chilled or frozen	-	23	-	5,524	-	5,547	5,547
Butter	-	-	-	1,829	-	1,829	1,829
Milk powder	-	-	-	17,976	-	17,976	17,976
Barley	3,192	-	202,628	-	205,820	-	205,820
Corn	-	-	518,972	-	518,972	-	518,972
Oats	-	-	95,065	-	95,065	-	95,065
Rye	-	-	11,936	-	11,936	-	11,936
Wheat	-	-	1,283,524	-	1,283,524	-	1,283,524
Corn meal and flour	-	-	8,474	-	8,474	-	8,474
Malt and malt flour	-	-	10,409	-	10,409	-	10,409
Wheat flour	-	-	47,243	-	47,243	-	47,243
Cereals milled, n.e.s.	-	6	1,314	-	1,314	6	1,320
Dried and dehydrated fruits	-	124	-	2,183	-	2,307	2,307
Fruits and preparations, canned (except infant foods)	-	1,603	-	95	-	1,698	1,698
Vegetables, dried	-	-	22,427	-	22,427	-	22,427
Raw sugar	7	-	-	-	7	-	7
Molasses, crude	6,416	-	-	-	6,416	-	6,416
Syrup	4,519	-	-	-	4,519	-	4,519
Lard	-	-	9,796	1,496	9,796	1,496	11,292
Hulls, screenings, chaff and scourings	-	-	16,586	-	16,586	-	16,586
Ground cereals and by-products, n.e.s.	-	-	2,881	-	2,881	-	2,881
Soyabean oil meal and cake	-	-	24,607	-	24,607	-	24,607
Oil seed meals and cake, n.e.s.	-	-	11,443	-	11,443	-	11,443
Feeds of vegetable origin, n.e.s.	-	-	11,112	-	11,112	-	11,112
Ale, beer, stout and porter	-	1,218	-	4	-	1,222	1,222
Wines	-	2,286	-	86	-	2,372	2,372
Distilled alcoholic beverages	-	2,946	-	123	-	3,069	3,069
Raw hides and skins and undressed fur skins	-	461	-	14,937	-	15,398	15,398
Flaxseed	-	-	60,139	-	60,139	-	60,139
Soya beans	-	-	241,168	-	241,168	-	241,168
Rubber and allied gums, natural, and natural gums and resins	-	18,759	-	-	-	18,759	18,759
Logs	-	-	3,810	-	3,810	-	3,810
Pulpwood	2,064	-	-	-	2,064	-	2,064
Alumina and bauxite ore	8,245	-	-	-	8,245	-	8,245
Iron ore, crude, and concentrates, calcined, roasted or treated	1,801,848	-	709,594	-	2,511,442	-	2,511,442
Manganese ore	-	-	-	-	-	-	-
Ores, concentrates and precipitates, n.e.s.	-	-	-	33	-	33	33
Iron and steel scrap	-	-	28,630	-	28,630	-	28,630
Coal, bituminous, sub-bituminous, and lignite	9,428	-	873,558	-	882,986	-	882,986
Bentonite	2,569	-	9,676	-	12,245	-	12,245
Dolomite	-	-	-	-	-	-	-
Clay and other crude refractory materials, n.e.s.	-	-	189	52	189	52	241
Sand and gravel	5,482	-	19,615	-	25,097	-	25,097
Limestone	49,708	-	-	-	49,708	-	49,708
Crushed stone, including stone refuse (except limestone flux and crushed limestone)	90,259	-	-	-	90,259	-	90,259
Fluorspar	21,445	-	-	-	21,445	-	21,445
Gypsum	-	-	-	-	-	-	-
Salt	-	-	21,200	-	21,200	-	21,200
Sulphur in ores, crude and refined (except pharmaceutical grade)	-	-	-	-	-	-	-
Crude non-metallic minerals (except coal and petroleum), n.e.s.	416	90	1,012	464	1,428	554	1,982
Veneer, plywood and wood building boards	-	4,566	-	60	-	4,626	4,626
Pulp	6,647	-	740	341	7,387	341	7,728
Newsprint paper	-	68,954	-	-	-	68,954	68,954
Cordage, twine and rope (except braided cords and threads)	-	3,156	-	-	-	3,156	3,156
Animal oils and fats (except marine) ..	-	-	30,722	-	30,722	-	30,722
Vegetable oils and fats, except essential oils, n.e.s.	4,186	327	326	44	4,512	371	4,883
Metallic salts and peroxysalts, of inorganic acids	-	271	11,056	1,093	11,056	1,364	12,420
Inorganic chemicals, n.e.s.	551	7	8,694	1,302	9,245	1,309	10,554
Organic chemicals, n.e.s.	6,576	1,239	5,271	1,156	11,847	2,395	14,242

See notes at end of table.

TABLE 3. Tonnage of Freight Transported through the Welland Canal, by Commodity, by Direction, and by Type of Cargo, May 1965

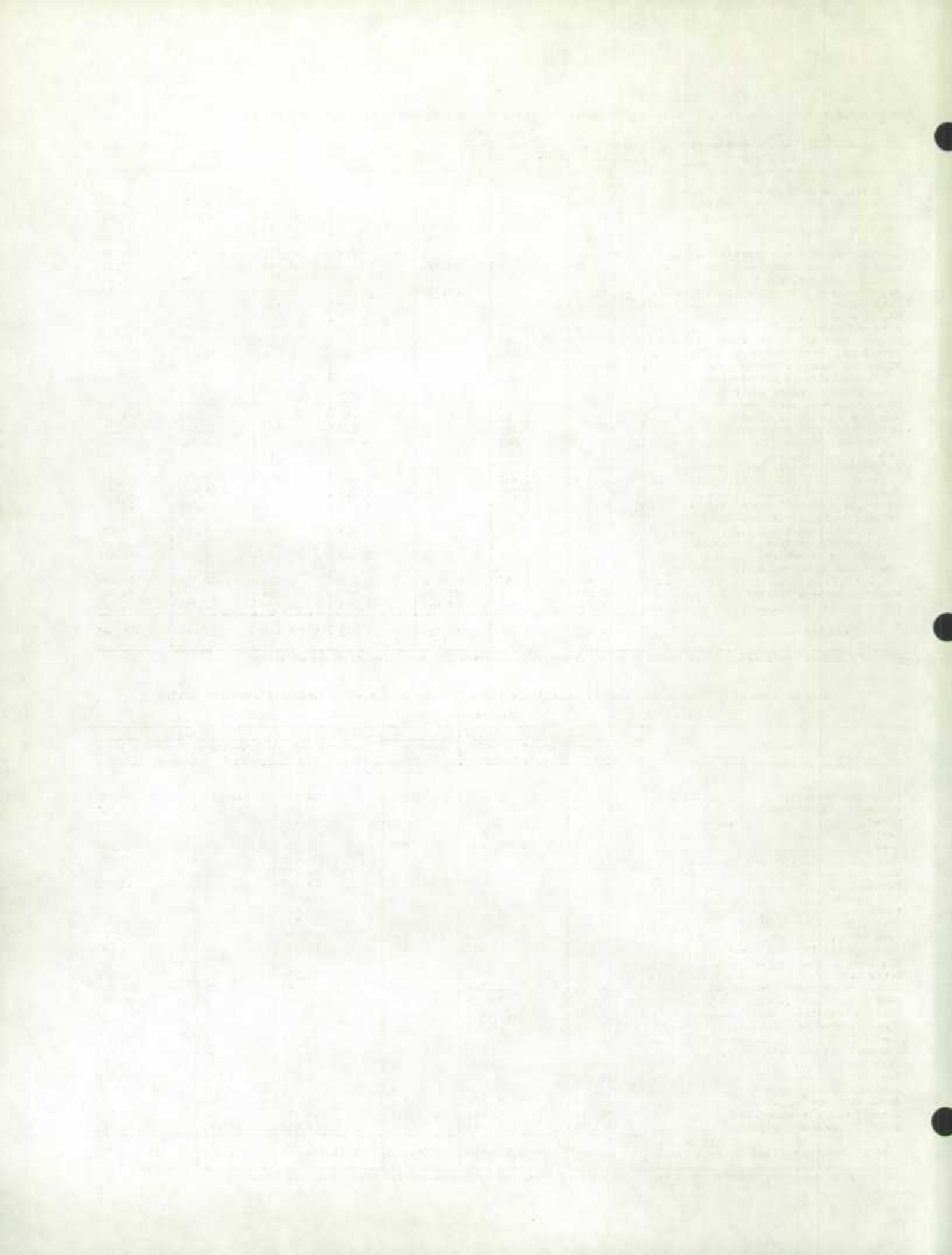
Commodity	Upbound(1)		Downbound(1)		Total bulk	Total general	Grand total
	Bulk	General	Bulk	General			
	tons						
Synthetic rubber (including rubber compounds and reclaimed rubber	-	17	949	3,905	949	3,922	4,871
Chemical specialties, industrial, n.e.s.	9,017	538	13,815	7,585	22,832	8,123	30,955
Gasoline	11,474	-	14,009	-	25,483	-	25,483
Fuel oil	82,689	-	49,255	35	131,944	35	131,979
Lubricating oils and greases	39,263	-	-	313	39,263	313	39,576
Coke of petroleum and coal	-	-	26,399	-	26,399	-	26,399
Coal tar and coal pitch	-	17	11,821	27	11,821	44	11,865
Petroleum and coal products, n.e.s.	2,674	-	3,740	140	6,414	140	6,554
Ferro-alloys	20,311	-	-	-	20,311	-	20,311
Pig iron	36,759	-	-	-	36,759	-	36,759
Bars and rods, steel	-	100,422	-	40	-	100,462	100,462
Plate, sheet and strip, steel	-	111,336	-	334	-	111,670	111,670
Structural shapes and sheet piling	-	112,981	-	723	-	113,704	113,704
Pipes and tubes, iron and steel (except fittings and finished electrical conduit and tubing)	-	2,488	-	59	-	2,547	2,547
Wire (including wire rope)	-	10,826	-	23	-	10,849	10,849
Aluminum (including alloys)	-	2,556	-	618	-	3,174	3,174
Metal fabricated basic products	-	13,067	1,508	1,636	1,508	14,703	16,211
Glass basic products	-	5,083	-	230	-	5,313	5,313
Cement	5,967	-	-	-	5,967	-	5,967
Non-metallic mineral basic products, n.e.s.	-	1,963	-	688	-	2,651	2,651
Machinery, n.e.s.	-	6,530	240	7,024	240	13,554	13,794
Passenger automobiles and chassis	-	9,012	-	6,711	-	15,723	15,723
Trucks, truck chassis and truck tractors, commercial	-	278	-	949	-	1,227	1,227
Motor vehicle engines, accessories, parts and assemblies	-	1,094	-	2,593	-	3,687	3,687
Miscellaneous end products, inedible, n.e.s.	249	17,692	-	4,747	249	22,439	22,688
Domestic package freight	37,242	-	37,623	-	74,865	-	74,865
Other freight	20,256	15,514	19,983	19,215	40,239	34,729	74,968
Total freight carried	2,289,459	517,450	4,483,159	106,393	6,772,618	623,843	7,396,461

(1) In previous years upbound was referred to as westbound, and downbound was referred to as eastbound.

TABLE 4. Tonnage of Freight Transported through the Sault Ste. Marie Canals, by Commodity and by Direction, May 1965

Commodity	Upbound(1)		Downbound(1)		Total	
	Canadian lock	Canadian and U.S. locks	Canadian lock	Canadian and U.S. locks	Canadian lock	Canadian and U.S. locks
	tons					
Paper and woodpulp	-	-	18,871	34,532	18,871	34,532
Pulpwood, lumber and logs	150	150	-	9,815	150	9,965
Wheat	-	-	2,003	1,336,226	2,003	1,336,226
Barley	-	-	-	303,435	-	303,435
Oats	-	-	1,500	123,629	1,500	123,629
Corn	-	-	-	119,490	-	119,490
Rye	-	-	-	22,972	-	22,972
Flaxseed	-	-	-	45,920	-	45,920
Soya beans	-	8,476	-	115,061	-	123,537
Flour	-	-	-	7,672	-	7,672
Mill products, screenings	-	-	10,181	69,315	10,181	69,315
Iron ore	-	-	-	9,467,294	-	9,467,294
Manufactured iron and steel	-	22,398	11,405	48,287	11,405	70,685
Pig iron	-	-	-	-	-	-
Scrap iron	-	-	-	14,298	-	14,298
Stone, broken, sand and gravel	6,240	151,346	10,788	10,788	17,028	162,134
Cement	-	30,321	-	-	-	30,321
Coal, bituminous	3,424	1,123,097	-	-	3,424	1,123,097
Coal, anthracite	-	11,777	-	-	-	11,777
Coke	-	-	-	-	-	-
Non-metallic minerals, mfrs.	-	17,425	-	-	-	17,425
Gasoline	4,826	23,544	-	-	4,826	23,544
Fuel oil	10,280	103,925	-	4,551	10,280	108,476
Other petroleum products	-	-	-	-	-	-
Motor vehicles	-	58	-	-	-	58
Miscellaneous merchandise	6,281	63,463	4,885	62,172	11,166	125,635
Domestic package freight	14,729	14,729	9,886	9,886	24,615	24,615
Total freight carried	45,930	1,570,709	69,519	11,805,343	115,449	13,376,052

(1) In previous years upbound was referred to as westbound, and downbound was referred to as eastbound.



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