# 54 0010 DOMINION BUREAU OF STATISTICS

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# SUMMARY OF CANAL STATISTICS

July, 1958

Freight tonnage cleared through Canadian canals in July was down by, 10.8 per cent, dropping to 4,932,273 tons from 5,532,998 in July, 1957. Decreased freight traffic was reported on the Welland, St. Lawrence, Sault Ste. Marie and four smaller canals, with increased volumes of wheat and barley only partially offsetting decreased shipments of bituminous coal and iron ore. Vessel passages numbered 3,807 as against 4,705 and registered net tonnage showed a corresponding reduction to 4,337,978 tons from 4,808,467.

Pleasure craft lockages increased by 5,910 to 32,834 while the number of passengers on vessels passed through the locks rose to 46,916 from 32,554.

#### Sault Ste. Marie Canals - Canadian and United States Locks:

Cargoes shipped through the combined system this July dropped to 12,114,010 tons from 17,744,529 in July, 1957. The Canadian share declined to 169,444 tons from 226,045. Primary reason for the combined decrease was a drop in east-bound shipments of iron ore to 9,780,475 tons from 14,727,979. West-bound shipments of bituminous coal were also down dropping to 505,303 tons from 879,906. A total of 2,881 vessels aggregating 10,235,713 net registered tons used the canals this July as compared with 3,755 vessels aggregating 14,463,155 tons in July last year.

# Welland Ship Canal:

The volume of freight carried through the Welland Ship canal totalled 3,061,818 tons in July, 7.4 per cent below the 3,308,935 tons carried one year ago. Traffic in bituminous coal was reduced to 451,533 tons from 615,083, iron ore to 922,263 tons from 1,092,238, fuel oil to 119,859 tons from 205,461 and flaxseed to 25,865 tons from 90,679. Partially offsetting these decreases were increases in wheat, which rose to 584,143 tons from 489,570 and barley to 135,752 tons from 63,677. A total of 1,197 vessels of 2,613,458 net tons was cleared through the system as compared with the July, 1957 total of 1,338 vessels of 2,749,942 net tons.

### St. Lawrence Canals:

Total freight cleared through the St. Lawrence system during July declined to 1,647,297 tons from 1,850,485 in July 1957, a decrease of 203,188 tons or 11.0 per cent. Bituminous coal shipments decreased to 130,469 tons from 245,121, iron ore to 307,772 tons from 442,497 and flaxseed to 20,601 tons from 84,992. Increases were registered in wheat shipments which rose to 451,913 tons from 342,450 and barley which advanced to 119,479 tons from 61,653. Vessel passages decreased to 1,444 from 1,715 and total registered net tonnage to 1,175,893 tons from 1,289,314.

Prepared in the Transportation and Public Utilities Section
Public Finance and Transportation Division.

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#### SUMMARY OF CANAL STATISTICS

		Cumulat in a						
	Number of vessel	Registered net tonnage	Numbe	r	Number of	f Tons	freight 1958	
	passages	of vessels	passens	ers	craft	freight	1950	
ALL CANADIAN CANALS	3,807	4,337,978	46,9	16	32,834	4,932,273	16,297,366	
Canso Canal	140	66,310	5		-	41,332	244,924	
Murray Canal	74	7,091			855	150	183	
Ottawa River Canals	107	212			2,013	11 163	54,249	
Richelieu River Canal Rideau Canal	19	13,994 327	42 90(1)		11,809	11,163	23	
St. Andrew's Canal	59	3,829	-(2)		254	829	1,924	
St. Lawrence Canals	1,444	1,175,893	4		282	1,647,297	5,386,446	
St. Peter's Canal	76	1,101	53		100	222	608	
Sault Ste. Marie Canal	651	455,290 473	46,718		199 17,361	169,444	537,775	
Trent Canal Welland Ship Canal	1,197	2,613,458		-(3)	61	3,061,818	10,071,194	
welland Ship Canal	1,177	2,015,450			0.1	3,001,010	10,071,194	
			July, 19	57			Cumulative-195	
ALL CANADIAN CANALS	4,705	4,808,467	32,554		26,924	5,532,998	18,772,107	
Canso Canal	188	52,235		2		57,738	159,395	
Murray Canal	77	5,997		_		57,750	-	
Ottawa River Canals	315	81,023	-		767 1,732	69,300	184,500	
Richelieu River Canal	127	18,222	25		-	18,270	43,398	
Rideau Canal	87	2,995	246		11,434	1,075	5,587	
St. Andrew's Canal	40	3,277			162	945	2,719	
St. Lawrence Canals	1,715	1,289,314			264	1,850,485	6,162,195 865	
St. Peter's Canal Sault Ste, Marie Canal	65 739	943			247	226,045	702,704	
Trent Canal	14	223			12,318	9	26	
Welland Ship Canal	1,338	2,749,942			-	3,308,935	11,510,718	
	July,	1958	July, 1957			Cumulative-1958	Cumulative-193	
	Canadian lock	U.S. locks	Canadian lock	Canadia U.S. 1		Canadian and U.S. locks	Canadian and U.S. locks	
SAULT STE, MARIE CANALS EASTBOUND								
Number of vessel passages	442	1,429	392	1,885		3,582	5,278	
Registered net tonnage	182,544	5,146,318	218,173	7,271,511		13,307,647	22,855,055	
Number of passengers	42,834	44,970	26,153	29,912		58,327	37,837	
Commodities (Cargo tons)								
Novement and read rule	22 / 20	22,429	23,637		24 220	91 160	91,973	
Newsprint and wood pulp Pulpwood, lumber and logs	22,429	58,410	23,037	24,220 60,040		91,160 157,824	146,506	
Wheat	10,202	774,966	39,488	780,752		3,771,888	3,205,985	
Barley	21,310	191,011	13,878		24,406	1,170,413	712,930	
Oats	7,359	86,095	8,547		20,763	421,698	362,252	
Corn		12,707	-			88,108	61,378	
Rye	700	43,890	546		35,043	158,050	143,021	
Flaxseed	1 /.67	37,013	816		91,521	110,940	290,875	
Flour Other grain & mill products	1,467 11,869	1,467 25,415	10,187 17,245	10,187 23,178		21,537 99,469	27,715 85,747	
Iron ore	11,009	9,780,475	27,243		27,979	21,831,096	44,502,909	
Manufactured iron & steel	12,731	29,421	20,876		33,697	70,077	118,206	
Pig iron	-	28,805	-		33,665	59,265	85,873	
Scrap iron	-	20,898			27,505	55,616	120,614	
Sand, gravel and stone	13,720	13,720	16,360		16,360	49,770	43,060	
Petroleum, crude	-	43,298	2 900	1:	27,556	158,891	410,899	
Other petroleum products	-		2,800		2,800	12,511	15,080	
	3 355	3 562	3 441		3 568	12 772	7 9 70	
All other freight	3,355	3,562	3,441		3,568	12,722	7,979	
	3,355 105,142	3,562	3,441	16,2	3,568	28,341,035	50,433,002	

<sup>(1) (</sup>Exclusive of 5,972 paying passengers on sightseeing pleasure boat cruises. (Exclusive of 37,057 passengers carried in pleasure craft.

<sup>(2) 1,098</sup> passengers carried in pleasure craft.

<sup>(3) 63,948</sup> passengers carried in small boats. One passenger through one lock station recorded as "1". One pleasure craft through one lock station recorded as "1".

# SUMMARY OF CANAL STATISTICS

	July, 1958		July	, 1957	Cumulative	e-1958 C	Cumulative-1957	
	danadi an lock	Canadian and	Canadian lock	Canadian and	d Canadian U.S. lo		anadian and U.S. locks	
SAULT STE, MARIE CANALS							THE L	
WESTBOUND								
Number of vessel passages	209	1,452	347	1,870		717	5,386	
Registered net tonnage	272,746	5,089,395	383,123	7,191,644			23,338,601	
Number of passengers	3,884	44,907	6,075	29,949	58,	407	38,335	
Commodities (Cargo tons)								
Cement	260	32,543	41	34,554	107,	518	106,287	
Coal, bituminous	10,185	505,303	9,146	879,906			4,502,388	
Coal, anthracite	-		61	75,432		500	196,654	
Coke	~	10,686		101,401		,731 ,263	37,631 182,787	
Iron ore Manufactured iron & steel	561	3,278	1,812	22,547		368	90,891	
Scrap iron		-				-	12,100	
Salt	3,197	24,007	176	5,700		,078	47,618 826,328	
Sand, gravel and stone	9,174 6,800	199,898	5,430	213,403			168,005	
Gasoline Fuel oil	4,800	59,473	10,900	66,478		657	196,691	
Other petroleum products		750	583	5,833		,350	11,351	
Autos, trucks & parts	290	4,451	1,119	7,89		,168	26,488	
All other freight	29,035	46,019	39,058	52,64		,976	191,639	
TOTAL FREIGHT	64,302	940,428	68,224	1,501,289	3,617	,700	6,596,858	
SAULT STE, MARIE CANALS TOTAL								
Number of vessel passages	651	2,881	739	3,75		,299	10,664	
Registered net tonnage	455,290	10,235,713	601,296	14,463,15			46,193,656	
Number of passengers	46,718	89,877 199	32,228 247	59,86		,734 282	76,172 353	
Number of pleasure craft Tons of freight	199 169,444	12,114,010	226,045				57,029,860	
THE WELLT							T	
		July, 1958			July, 1957	1958	1957	
		Up	Down	Total	Total	Cumu l	ative Total	
WELLAND SHIP CANAL								
Number of vessel passages		602	595	1,197	1,338	4,08		
Registered net tonnage		1,292,134	1,321,324	2,613,458	2,749,942	7,547,80		
Number of passengers Number of pleasure craft				61			7 -	
Commodities (Cargo tons)								
Wheat		2,799	581,344	584,143	489,570	1,968,41	0 1,429,855	
Corn		-	14,504	14,504	21,024	74,26		
Oats			43,717	43,717	29,369	154,33		
Barley			135,752	135,752 34,166	63,677	821,83 54,31		
Rye Flaxseed			34,166 25,865	25,865	90,679	84,12		
Other grain		-	61	-	30,735	28,96	76,185	
Flour		**	2,170	2,170	475	11,31		
Mill products			1,458	1,458	3,390	13,32		
Coal, anthracite Coal, bituminous		621	450,912	451,533	615,083	2,165,62		
Coke		900	6,091	6,991	6,446	24,21	11,217	
Iron ore		335,648	586,615	922,263	1,092,238	2,060,28		
Petroleum, crude		2,200	61,848	64,048	112,919	152,59		
Sand, gravel and stone		31,292	21,732	31,292 21,732	6,568 26,450	57,85		
Salt Pulpwood		75,514	38,164	113,678	80,628	251,95		
Gasoline		26,042	11,800	37,842	34,549	149,83		
Fuel oil		18,596	101,263	119,859	205,461	465,09		
	1 1	29,902	15,900	45,802	58,336	152,20		
Petroleum oils & other petr	oleum prod.		8 755	11 005				
Iron and steel	oleum prod.	2,250	8,755	11,005	43,351 873	5,1		
	oleum prod.		8,755 2,470	676 6,469	873	5,1: 18,3:	3,599 39 17,686	
Iron and steel Autos, trucks and parts Wood pulp Wewsprint		2,250 676 3,999 58,264	2,470	676 6,469 58,284	62,855	5,1; 18,3; 205,7;	16 3,599 39 17,686 28 211,437	
Iron and steel Autos, trucks and parts Wood pulp Newsprint Other manufactured products		2,250 676 3,999 58,264 22,436	2,470 20 65,896	676 6,469 58,284 88,332	873 62,855 62,920	5,1; 18,3; 205,7; 228,58	16 3,599 39 17,686 28 211,437 85 121,985	
Iron and steel Autos, trucks and parts Good pulp Rewsprint		2,250 676 3,999 58,264	2,470	676 6,469 58,284	62,855	5,1; 18,3; 205,7;	16 3,599 39 17,686 28 211,437 85 121,985 68 854,164	

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#### July, 1958 July, 1957 1958 1957 Cumulative Total Up Down Total Total ST. LAWRENCE CANALS Number of vessel passages 717 727 1.444 1,715 4,905 5,681 581,746 594,147 Registered net tonnage 1,175,893 1,289,314 4,191,346 4,408,523 Number of passengers 4 8 22 Number of pleasure craft 282 264 504 413 Commodities (Cargo tons) Wheat 451,913 451,913 342,450 1,508,197 1,128,078 Corn 4,086 4,086 16,564 39,573 58,855 28,259 Oats 28,259 16,014 103,333 62,150 Barley 119,479 119,479 61,653 669,059 281,085 Rye 1,372 1.372 22,705 4,059 Flaxseed 84,992 210,610 20,601 20,601 70,798 Other grain 2,558 17,511 11,504 2,038 Flour 2,038 1,828 8,114 6,279 Mill products 2,506 2,506 2,013 11,277 4,414 Coal, anthracite Coal, bituminous 3,100 22,310 108,159 130,469 405,168 245,121 935,350 Coke 6,091 6,091 12,599 2,169 Iron ore 307,772 307,772 442,497 741,704 1,451,097 23,819 Petroleum, crude 40,525 40,525 10,064 148,530 Sand, gravel and stone 4,465 4,465 63,000 6,382 Salt 24,339 24,339 11,438 56,853 36,295 86,926 Pulpwood 60,844 86,926 172,588 150,809 Gasoline 15,143 9,400 50,043 367,803 Fuel oil 73,646 2,950 76,596 120,805 199,993 Petroleum oils & other petroleum prod. 24,150 3,110 27,260 23,507 84,145 70,766 Iron and steel 16,008 1,533 17,541 37,744 59,896 72,416 Autos, trucks and parts 985 81 1,066 355 6,155 1,963 3,969 Wood pulp 3,969 3,956 10,194 14,437 35,896 Newsprint 27,578 30 27,608 103,929 111,151 Other manufactured products 2,410 4,279 6,689 51,316 68,737 77.606 All other freight 138,460 117,267 255,727 200,727 846,506 851,937 TOTAL FREIGHT 744,739 902,558 1,647,297 1,850,485 5,386,446 6,162,195 CANSO CANAL Number of vessel passages 69 140 188 513 549 Registered net tonnage 31,473 34,837 66,310 247,813 52,235 171,228 Number of passengers 10 9 Number of pleasure craft Commodities (Cargo tons) Grain Fruit and vegetables 2,519 645 1,227 1,953 Fish 1,227 3,461 4,116 Coal 30 25 Coke Ores 4,307 4,307 1,738 1,738 1,850 12,630 9,428 6,327 Gasoline 16,021 22,348 16,965 90,487 54,151 Petroleum oils and other pretroleum prod. 9,965 370 9.595 12,058 91,422 34,185 Iron and steel 850 850 850 1,650 Newsprint 870 All other freight 2,432 2,772 5,204 20,605 42,870 50,673

28,048

13,284

41,332

57,738

244,924

159,395

TOTAL