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SUMMARY OF CANAL STATISTICS

OCTOBER 1962

The volume of freight transported through Canadian Canals during October set a new record at 9,285,929 tons. This was an increase of 15 per cent over October last year and was 1.4 per cent above the previous high of 9,157,141 tons reached in June, this year. Heavier traffic was recorded for the St. Lawrence, Welland, Sault Ste. Marie and three of the smaller canals. Westbound iron ore and eastbound coal were the main factors in the overall increase. Vessel passages rose to 2,904 from 2,862 while the registered net tonnage increased 11.6 per cent to 7,444,953 tons from 6,668,140. Pleasure craft lockages declined to 2,462 from 2,871 and the number of passengers to 3,402 from 3,768 in October 1961.

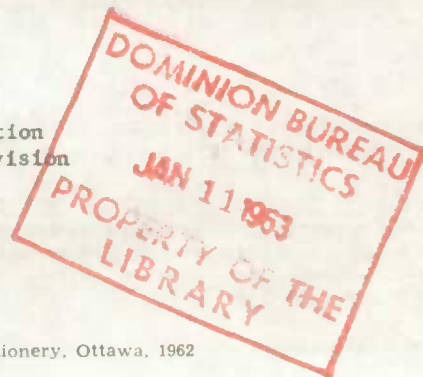
Sault Ste. Marie Canals - Canadian and United States Locks: The total tonnage of freight cleared through the combined system decreased 13.8 per cent to 10,046,906 tons from 11,655,031 in October last year. Freight traffic through the Canadian lock showed little change at 141,953 tons as against 141,464. Eastbound iron ore shipments through both canals dropped 21.4 per cent to 6,582,047 tons from 8,367,868 while bituminous coal westbound, declined 15.3 per cent to 972,500 tons from 1,147,606. Total eastbound freight dropped to 8,640,216 tons from 10,040,430 in the previous year while westbound traffic was down to 1,406,690 tons from 1,614,601. Vessel passages through both canals numbered 1,896 as against 2,026 in October 1961.

Welland Ship Canal: Freight through the Welland Ship Canal totalled 5,018,284 tons, 17.2 per cent above the 4,280,442 tons carried in October 1961. Cargoes of iron ore increased to 1,214,423 tons from 1,049,911, coal to 812,459 tons from 546,191 and barley to 232,958 tons from 120,015. Wheat declined to 770,544 tons from 904,703 and iron and steel scrap to 63,131 tons from 160,797. Eastbound traffic increased 13.8 per cent to 3,496,945 tons from 3,072,110 with westbound freight up 25.9 per cent to 1,521,339 tons from 1,208,332. During the month a total of 1,116 vessels of 3,989,382 net tons passed through the canal compared with 1,104 vessels of 3,532,604 tons in October last year.

St. Lawrence Canals: Total freight locked through the St. Lawrence canals increased 11.5 per cent to 3,927,272 tons from 3,521,146 in October 1961. This was a new high for any month since the opening of the Seaway in 1959. Although tonnages of a number of commodities including wheat, corn, iron and steel scrap, and iron ore were lower than in the previous October, an overall increase was recorded. Barley shipments rose to 215,739 tons from 95,902, soyabeans to 232,886 tons from 131,784 and fuel oil to 232,295 tons from 177,336. Eastbound shipments totalled 2,252,760 tons compared with 2,058,197 while westbound shipments amounted to 1,674,512 tons as against 1,462,949. Vessel passages rose to 1,135 from 1,132 with registered net tonnage up 12 per cent to 2,985,636 tons from 2,665,101 in the corresponding month last year.

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8504-517



SUMMARY OF CANAL STATISTICS

October 1962

	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft(1)	Tons of freight
<u>October 1962</u>					
ALL CANADIAN CANALS	3,404	7,444,953	3,402	2,462	9,285,929
Ouse Canal	144	127,703	-	14	179,608
Murray Canal	9	2,100	-	39	350
Ottawa River Canals	-	-	-	302	-
Richelieu River Canal	104	18,194	-	10	17,482
Rideau Canal	9	243	(2)	777	-
St. Andrew's Canal	65	4,034	51(3)	107	927
St. Lawrence Canals	1,135	2,985,636	209	30	3,927,272
St. Peter's Canal	26	845	15	-	49
Sault Ste. Marie Canal	293	316,783	2,981	15	141,953
Trent Canal	3	33	(4)	1,160	4
Welland Ship Canal	1,116	3,989,382	146	8	5,018,284
<u>October 1961</u>					
ALL CANADIAN CANALS	2,841	6,558,140	3,768	2,871	8,074,953
Ouse Canal	149	98,451	-	16	112,444
Murray Canal	12	1,384	-	69	-
Ottawa River Canals	10	2,438	-	373	222
Richelieu River Canal	105	16,944	-	10	15,811
Rideau Canal	13	301	27	695	-
St. Andrew's Canal	36	4,654	41	47	3,334
St. Lawrence Canals	1,132	2,665,101	352	70	3,521,146
St. Peter's Canal	29	867	-	1	84
Sault Ste. Marie Canal	270	345,374	3,158	..	141,464
Trent Canal	2	22	-	1,557	-
Welland Ship Canal	1,104	3,532,604	190	33	4,280,442

Sault Ste. Marie Canals:

October 1962

<u>East Bound:</u>					
Canadian Lock	173	159,272	2,950	8	95,919
Can. & U.S. Locks	946	..	3,282	8	8,640,216
<u>West Bound:</u>					
Canadian Lock	120	157,511	31	7	46,034
Can. & U.S. Locks	950	..	2,677	7	1,406,690
<u>Totals:</u>					
Canadian Lock - October 1962	293	316,783	2,981	15	141,953
Can. & U.S. Locks - October 1962	1,896	..	5,959	15	10,046,906
Canadian Lock - October 1961	270	345,374	3,158	..	141,464
Can. & U.S. Locks - October 1961	2,024	..	4,150	..	11,552,021
<u>Welland Ship Canal:</u>					
East Bound	528	1,934,374	130	4	2,496,945
West Bound	590	2,055,008	16	4	1,521,339
Totals - October 1962	1,116	3,989,382	146	8	5,018,284
Totals - October 1961	1,104	3,532,604	190	33	4,280,442
<u>St. Lawrence Canals:</u>					
East Bound	556	1,481,432	150	15	2,252,760
West Bound	579	1,504,204	59	15	1,674,512
Totals - October 1962	1,135	2,985,636	209	30	3,927,272
Totals - October 1961	1,132	2,665,101	352	70	3,521,146

(1) One pleasure craft through one lock station recorded as "1".
 (2) Exclusive of 1,871 passengers carried in pleasure craft (1,892 in 1961).
 (3) Excludes 311 passengers in pleasure craft.
 (4) 3,023 passengers carried in small boats (5,006 in 1961).
 .. Figures not available.

SUMMARY OF CANAL STATISTICS

October 1962

Commodities	East Bound		West Bound		Total	
	Canadian Lock	Canadian and U.S. Locks	Canadian Lock	Canadian and U.S. Locks	Canadian Lock	Canadian and U.S. Locks
SAULT STE. MARIE CANALS:						
Barley	3,909	301,349	-	-	3,909	301,349
Corn	-	9,844	-	-	-	9,844
Oats	9,556	109,751	-	-	9,556	109,751
Rye	-	95,650	-	-	-	95,650
Wheat	3,532	1,194,225	-	-	3,532	1,194,225
Flour, wheat	-	14,836	-	-	-	14,836
Cereals, milled, n.e.s.	6,541	52,300	-	-	6,541	52,300
Foods, beverages, tobacco, n.e.s.	13,974	13,974	1,083	1,083	15,057	15,057
Flaxseed	-	88,180	-	-	-	88,180
Pulpwood, lumber and logs	-	13,640	1,125	1,125	1,125	14,765
Iron ore	-	6,582,047	-	-	-	6,582,047
Iron and steel scrap	-	27,074	-	-	-	27,074
Coal, anthracite	-	-	-	22,214	-	22,214
Coal, bituminous	-	-	-	972,500	-	972,500
Sand, gravel and stone	6,680	6,680	-	148,292	6,680	154,972
Paper and woodpulp	18,484	33,074	-	-	18,484	33,074
Gasoline	450	450	13,187	43,818	13,637	44,268
Fuel oil	4,030	7,425	7,085	83,380	11,115	90,805
Petroleum products, other	5,701	5,701	49	49	5,750	5,750
Pig iron	-	31,350	-	-	-	31,350
Iron and steel, manufactured	15,836	35,574	734	6,704	16,570	42,278
Cement	-	-	-	46,931	-	46,931
Motor vehicles	-	-	53	569	53	569
Miscellaneous freight, n.e.s. ...	1,951	11,817	9,855	67,162	11,806	78,979
Domestic package freight	5,275	5,275	12,863	12,863	18,138	18,138
Totals	95,919	8,640,216	46,034	1,406,690	141,953	10,046,906

Commodities	East Bound			West Bound			Total		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
WELLAND SHIP CANAL:									
Meat and meat preparations	-	4,747	4,747	-	232	232	-	4,979	4,979
Barley	232,958	-	232,958	-	-	-	232,958	-	232,958
Corn	151,927	-	151,927	-	-	-	151,927	-	151,927
Oats	99,555	-	99,555	-	-	-	99,555	-	99,555
Rye	86,849	-	86,849	-	-	-	86,849	-	86,849
Wheat	770,544	-	770,544	-	-	-	770,544	-	770,544
Malt	7,049	-	7,049	-	-	-	7,049	-	7,049
Flour, wheat	37,674	-	37,674	3,639	-	3,639	41,313	-	41,313
Cereals, milled, n.e.s.	11,726	1,147	12,873	3,621	77	3,698	15,347	1,224	16,571
Beans and peas, dried	33,319	-	33,319	37	-	37	33,356	-	33,356
Sugar	-	-	-	9,018	-	9,018	9,018	-	9,018
Syrup and molasses	-	-	-	14,165	-	14,165	14,165	-	14,165
Margarine, shortening and lard ..	6,863	1,623	8,486	-	-	-	6,863	1,623	8,486
Fodder and feed	61,489	667	62,156	51	27	78	61,540	694	62,234
Foods, beverages, tobacco, n.e.s.	2,309	15,797	18,106	1,493	17,857	19,350	3,802	33,654	37,456
Flaxseed	67,456	-	67,456	-	-	-	67,456	-	67,456
Soybeans	279,121	-	279,121	-	-	-	279,121	-	279,121
Rubber, natural and synthetic ...	207	2,721	2,928	-	10,489	10,489	207	13,210	13,417
Pulpwood	6,958	-	6,958	40,842	-	40,842	47,800	-	47,800
Aluminum ore and concentrate	-	-	-	10,687	-	10,687	10,687	-	10,687
Iron ore	414,964	-	414,964	799,459	-	799,459	1,214,423	-	1,214,423
Iron and steel scrap	63,131	-	63,131	-	-	-	63,131	-	63,131
Coal, bituminous	759,160	-	759,160	53,299	-	53,299	812,459	-	812,459
Clay and bentonite	8,928	166	9,094	4,653	-	4,653	13,581	166	13,747
Sand and gravel	11,946	-	11,946	12,509	-	12,509	24,455	-	24,455
Stone, crushed, broken	13,203	-	13,203	79,366	95	79,461	92,569	95	92,664
Salt	73,972	-	73,972	-	-	-	73,972	-	73,972
Sulphur	-	-	-	12,693	-	12,693	12,693	-	12,693
Crude materials, inedible, n.e.s. ...	1,963	6,618	8,581	26,273	5,353	31,626	28,236	11,971	40,207
Woodpulp	-	-	-	39,445	-	39,445	39,445	-	39,445
Newsprint paper	-	3,078	3,078	-	70,661	70,661	-	73,739	73,739
Fish and animal oils	9,527	-	9,527	1,063	8	1,071	10,590	8	10,598
Soyabean oil	5,323	-	5,323	-	-	-	5,323	-	5,323
Sodium products	14,909	400	15,309	-	268	268	14,909	668	15,577
Chemicals and related products, n.e.s.	26,161	11,450	37,611	25,984	2,668	28,652	52,145	14,118	66,263
Gasoline	10,991	-	10,991	15,006	-	15,006	25,997	-	25,997
Fuel oil	23,836	-	23,836	52,307	-	52,307	76,143	-	76,143
Lubricating oils and greases	1,299	1,030	2,329	12,301	-	12,301	13,600	1,030	14,630
Coke	30,211	-	30,211	-	-	-	30,211	-	30,211



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SUMMARY OF CANAL STATISTICS

October 1962

Commodities	East Bound			West Bound			Total		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
tons									
WELLAND SHIP CANAL - Concluded:									
Tar, pitch and creosote	13,599	-	13,599	7,064	-	7,064	20,663	-	20,663
Petroleum and coal products, n.e.s.	2,860	309	3,169	-	-	-	2,860	309	3,169
Pig iron	-	-	-	8,400	-	8,400	8,400	-	8,400
Iron and steel: ingot, bar, rod, etc.	5	3,254	3,259	-	16,106	16,106	5	19,360	19,365
Steel: plate, sheet and strip	51	3,025	3,076	56	2,205	2,261	107	5,230	5,337
Iron and steel, n.e.s.	881	1,620	2,501	-	56,756	56,756	881	58,376	59,257
Cement	17,211	-	17,211	2,517	7	2,524	19,728	7	19,735
Machinery, equipment and parts ...	49	16,319	16,368	49	2,737	2,786	98	19,056	19,154
Motor vehicles and parts	160	10,257	10,417	160	7,522	7,682	320	17,779	18,099
Miscellaneous freight, n.e.s.	7,230	13,959	21,189	12,968	37,749	50,717	20,198	51,708	71,906
Domestic package freight	31,184	-	31,184	41,397	-	41,397	72,581	-	72,581
Totals	3,398,758	98,187	3,496,945	1,290,522	230,817	1,521,339	4,689,280	329,004	5,018,284
ST. LAWRENCE CANALS:									
Meat and meat preparations	-	4,911	4,911	-	744	744	-	5,655	5,655
Barley	215,739	-	215,739	-	-	-	215,739	-	215,739
Corn	108,249	-	108,249	-	-	-	108,249	-	108,249
Oats	93,323	-	93,323	-	-	-	93,323	-	93,323
Rye	84,889	-	84,889	-	-	-	84,889	-	84,889
Wheat	755,559	-	755,559	-	-	-	755,559	-	755,559
Malt	8,514	-	8,514	-	-	-	8,514	-	8,514
Flour, wheat	34,297	-	34,297	-	-	-	34,297	-	34,297
Cereals, milled, n.e.s.	9,371	1,147	10,518	-	146	146	9,371	1,293	10,664
Beans and peas, dried	26,409	-	26,409	139	-	139	26,548	-	26,548
Sugar	-	-	-	48,032	-	48,032	48,032	-	48,032
Syrup and molasses	-	-	-	17,727	-	17,727	17,727	-	17,727
Margarine, shortening and lard ...	6,863	1,623	8,486	-	13	13	6,863	1,636	8,499
Soyabean oil cake and meal	24,216	-	24,216	-	-	-	24,216	-	24,216
Fodder and feed, n.e.s.	58,700	721	59,421	404	27	431	59,104	748	59,852
Foods, beverages, tobacco, n.e.s..	2,835	17,613	20,448	445	31,480	31,925	3,280	49,093	52,373
Flaxseed	66,414	-	66,414	-	-	-	66,414	-	66,414
Soyabeans	232,886	-	232,886	-	-	-	232,886	-	232,886
Rubber, natural and synthetic	207	2,833	3,040	-	11,983	11,983	207	14,816	15,023
Pulpwood	-	-	-	40,842	-	40,842	40,842	-	40,842
Aluminum ore and concentrates	-	-	-	10,687	-	10,687	10,687	-	10,687
Iron ore	10,203	-	10,203	750,576	-	750,576	760,779	-	760,779
Iron and steel scrap	67,387	-	67,387	-	-	-	67,387	-	67,387
Coal, bituminous	96,221	-	96,221	112,356	-	112,356	208,577	-	208,577
Clay and bentonite	-	-	-	6,424	-	6,424	6,424	-	6,424
Sand and gravel	-	-	-	-	-	-	-	-	-
Petroleum, crude	8,928	852	9,780	-	-	-	8,928	852	9,780
Phosphate rock	-	-	-	21,712	-	21,712	21,712	-	21,712
Salt	41,435	-	41,435	-	-	-	41,435	-	41,435
Sulphur	-	-	-	12,693	-	12,693	12,693	-	12,693
Crude materials, inedible, n.e.s..	5,373	8,370	13,743	39,081	7,782	46,863	44,454	16,152	60,606
Woodpulp	-	-	-	39,445	-	39,445	39,445	-	39,445
Newsprint paper	-	3,098	3,098	-	47,615	47,615	-	50,713	50,713
Fish and animal oils	9,951	-	9,951	1,063	42	1,105	11,014	42	11,056
Chemicals and related products ...	20,424	12,587	33,011	20,994	6,731	27,725	41,418	19,318	60,736
Gasoline	2,921	-	2,921	2,970	-	2,970	5,891	-	5,891
Fuel oil	7,186	-	7,186	225,109	-	225,109	232,295	-	232,295
Lubricating oils and greases	1,299	1,030	2,329	3,435	-	3,435	4,734	1,030	5,764
Coke	30,211	-	30,211	-	-	-	30,211	-	30,211
Tar, pitch and creosote	8,074	-	8,074	-	-	-	8,074	-	8,074
Petroleum and coal products, n.e.s.	760	373	1,133	-	30	30	760	403	1,163
Pig iron	-	-	-	8,400	-	8,400	8,400	-	8,400
Iron and steel: ingot, bar, rod, etc.	28	3,602	3,630	-	18,586	18,586	28	22,188	22,216
Steel: plate, sheet and strip	-	16,516	16,516	-	2,715	2,715	-	19,231	19,231
Iron and steel, n.e.s.	1,103	9,695	10,798	3,014	64,032	67,046	4,117	73,727	77,844
Machinery, equipment and parts ...	-	17,302	17,302	124	6,086	6,210	124	23,388	23,512
Motor vehicles and parts	22	10,510	10,532	-	9,495	9,495	22	20,005	20,027
Miscellaneous freight, n.e.s.	15,439	20,988	36,427	16,543	52,878	69,421	31,982	73,866	105,848
Domestic package freight	63,553	-	63,553	31,912	-	31,912	95,465	-	95,465
Totals	2,118,989	133,771	2,252,760	1,414,127	260,385	1,674,512	3,533,116	394,156	3,927,272 (1)

(1) Includes 10,747 tons of non-toll traffic.