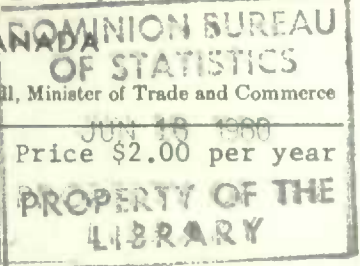




OIL PIPE LINE TRANSPORT

April, 1960



Net deliveries of oil through Canadian pipe lines totalled 25,169,787 barrels in April, a rise of 8.2 p.c. over the April, 1959 total of 23,264,066. The daily average delivery of 838,993 barrels compared with 775,469 in the previous year and 905,321 barrels in March, 1960. Barrels miles rose 13.9 p.c. to 9,756 million from 8,567 one year earlier with the average length of haul increasing 3.6 p.c. to 258.7 miles from 249.8.

Provincial deliveries, in barrels, for the four months ended April 30 were as follows (1959 data in brackets): British Columbia 15,012,033 (10,565,683); Alberta 7,354,098 (7,045,839); Saskatchewan 6,438,663 (6,879,281); Manitoba 36,486,017 (34,731,398); Ontario 18,028,436 (17,296,003) and Quebec 28,812,884 (30,286,829). Included in Manitoba deliveries were 32,654,724 barrels (31,006,403) transferred to the Lakehead Pipe Line Company at Gretna, the bulk of which moved through the United States destined to Ontario refineries. Exports via pipe line are shown in a footnote to table 4.

During the month of April, gathering systems handled an average of 488,390 barrels per day as compared with 439,667 for April, 1959. Trunk lines averaged 1,256,769 barrels, an increase of 1.0 p.c. over the previous year but 7.7 p.c. below the March average of 1,361,490.

Net receipts for the month were comprised of 9,679,715 barrels of Alberta crude, 39,765 barrels of Alberta natural gasoline, 4,162,025 barrels of Saskatchewan crude 365,020 barrels of Manitoba crude, 5,996,253 barrels of imported crude and 4,354,739 barrels of refinery products.

Employees numbered 1,517 this April compared with 1,548 in the previous year. Salaries and wages reached \$780,318 compared with \$766,131 one year earlier and \$774,748 in March, 1959.

Revenue and employee data for the Sarnia Products Pipe Line Division of Imperial Oil Ltd. are not available for this report as the pipe line operation forms only a part of the company's activities and is not separable. For the same reason revenue and employee data of the pipe line operation of the Anglo American Exploration, Ltd., and the Goliad Oil and Gas Company, and employee data of the Amurex Oil Company, Anglo-Canadian Oils, Limited, Key Pipe Line Co., Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, Limited, Peace River Oil Pipe Line Co., Ltd., Valley Pipe Line Company, Limited, and Westspur Pipe Line Company, have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

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

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during April 1960 per table 6	186,112,848
Received into Trunk Lines from other Canadian Pipe Lines	74,227,953
"Net Received" into Canadian Pipe Line Systems	111,884,895
"Net Received" into Trunk Systems per table 1	49,675,471
"Net Received" into Gathering Systems per table 2	62,209,424
Total Delivered out of Systems - all Companies -	
during April 1960 per table 6	189,337,244
Delivered to other Canadian Pipe Lines	77,205,113
"Net Delivered" from Canadian Pipe Line Systems	112,132,131
"Net Delivered" from Trunk Systems per table 1	108,914,176
"Net Delivered" from Gathering Systems per table 2	3,217,955

The fluctuations which occur in Shippers' and Carriers' balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for April and are given herewith:

OIL BALANCE - ALL COMPANIES - APRIL 30, 1960

	Barrels	
Total Shippers' Balances - January 1, 1960	10,841,258	
Total Carriers' Balances - January 1, 1960	1,194,848	12,036,106
Received into Gathering Systems during April, 1960	65,395,725	
Received into Trunk Systems during April, 1960	165,495,928	230,891,653
Total oil accountable for period		242,927,759
Delivered from Gathering Systems during April, 1960	65,327,059	
Delivered from Trunk Systems during April, 1960	165,612,950	230,940,009
Balance to be accounted for at April 30, 1960		11,987,750
Oil consumed as fuel and losses during April, 1960		135,203
Balance on hand - April 30, 1960		11,852,547
Total Shippers' Balances - April, 1960	10,635,651	
Total Carriers' Balances - April, 1960	1,216,896	

The Interprovincial Pipe Line Company operates almost 1,700 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba. In addition to this, the company operates 166 miles of line which enters Canada from the United States at Sarnia and extends to Port Credit in Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and other points in Ontario via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations, oil carried by these short sections is not included in Canadian oil pipe line statistics. However, the barrel mile performance of these sections has been included with the total barrel miles shown in tables five and six. A summary of oil delivered by these two lines is shown below.

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at Sarnia	Clarkson, Port Credit and Trafalgar	Crude and Refined Oil Delivered at Sarnia
	Barrels	Barrels	Barrels
April, 1959	3,737,041	1,941,112	137,290
March, 1960	4,095,747	2,342,779	183,505
April, 1960	3,671,405	1,911,770	126,688

TABLE 1

OIL^f CARRIED BY PIPE LINES - TRUNK

	April 1960	March 1960	April 1959	YEAR TO DATE 1960
	Barrels	Barrels	Barrels	Barrels
1. Total Received* (2+3+4+5)	37,192,059	42,466,262	34,348,666	165,495,928
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	9,512,273	10,906,895	8,612,489	41,592,504
3. Other pipe lines - Gathering	6,425,330	7,343,566	5,175,626	26,842,116
4. Trunk	10,522,619	12,240,402	9,192,090	47,385,837
5. Net Received (6+7+8)	10,731,837	11,975,399	11,368,461	49,675,471
6. Originating on own trunk lines	4,601,525	4,793,882	4,348,946	20,051,305
7. Received from foreign pipe line connections	5,996,253	6,924,502	6,814,082	28,808,661
8. Received from other carriers (rail & truck)	134,059	257,015	205,433	815,505
9. Total Delivered* (10+11)	37,703,068	42,206,195	34,289,187	165,612,950
10. Less: Delivered to other Canadian trunk lines	13,228,858	15,050,301	11,334,497	56,698,774
11. Net Delivered (12+13+14)	24,474,210	27,155,894	22,954,690	108,914,176
12. Terminated on own trunk lines	15,503,325	16,913,778	15,645,152	69,842,205
13. Delivered to foreign pipe line connections	8,915,472	10,166,158	7,261,112	38,820,275
14. Delivered to other carriers (truck, rail & water)	55,413	75,958	48,426	251,696

TABLE 2

OIL^h CARRIED BY PIPE LINES - GATHERING

	April 1960	March 1960	April 1959	YEAR TO DATE 1960
	Barrels	Barrels	Barrels	Barrels
15. Total Received (16+17)	14,691,759	17,112,533	13,199,284	65,395,725
16. Less: Received from other gathering systems	826,079	836,058	730,027	3,186,301
17. Net Received (18+19)	13,865,680	16,276,475	12,469,257	62,209,424
18. Originating on own gathering system	13,678,286	15,940,400	12,237,106	61,064,499
19. Received from other carriers (rail & truck)	187,394	336,075	232,151	1,144,925
20. Total Delivered* (21+22+23)	14,651,691	17,114,262	13,190,019	65,327,059
Less: Delivered to other pipe lines -				
21. Own Trunk system	9,512,273	10,906,895	8,612,489	41,602,765
22. Other pipe lines	4,443,841	5,298,298	4,268,154	20,506,339
23. Net Delivered (24+25)	695,577	909,069	309,376	3,217,955
24. Terminated on gathering systems	559,448	802,969	204,153	2,785,850
25. Delivered to other carriers (rail & truck)	136,129	106,100	105,223	432,105

^f Includes natural gasoline and refinery products.

* Includes duplications.

^h Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		April 1960	March 1960	April 1959	YEAR TO DATE 1960
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,541,588	11,703,551	8,729,948	45,250,829
"	- Trunk	396,592	473,809	400,869	1,768,563
Saskatchewan	- Gathering	3,959,072	4,171,450	3,324,756	15,416,151
"	- Trunk	202,953	305,348	218,692	1,061,670
Manitoba	- Gathering	365,020	401,474	414,553	1,542,444
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,759,683	2,925,581	2,792,167	12,205,986
Quebec (3)	- Trunk	7,372,609	8,270,661	7,956,733	34,639,252
Net Received	- Gathering	13,865,680	16,276,475	12,469,257	62,209,424
" "	- Trunk	10,731,837	11,975,399	11,368,461	49,675,471
" "	- Total	24,597,517	28,251,874	23,837,718	111,884,895

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		April 1960	March 1960	April 1959	YEAR TO DATE 1960
		Barrels	Barrels	Barrels	Barrels
British Columbia	- Trunk	3,794,130	3,545,024	2,347,895	15,012,033
Alberta (1)	- Gathering	606,463	847,507	247,108	2,937,819
"	- Trunk	897,762	1,190,426	860,372	4,416,279
Saskatchewan	- Gathering	89,114	61,562	62,268	280,136
"	- Trunk	1,601,301	1,499,492	1,528,876	6,158,527
Manitoba ^b	- Trunk	8,054,608	9,678,099	7,497,207	36,486,017
Ontario (2)	- Trunk	4,115,290	4,287,481	3,940,994	18,028,436
Quebec	- Trunk	6,011,119	6,955,372	6,779,346	28,812,884
Net Delivered	- Gathering	695,577	909,069	309,376	3,217,955
" "	- Trunk ^a	24,474,210	27,155,894	22,954,690	108,914,176
" "	- Total	25,169,787	28,064,963	23,264,066	112,132,131
" "	- Daily average	838,993	905,321	775,469	926,712
^b	Includes deliveries to U.S. pipe lines, Grctna, Man.	7,187,116	8,709,559	6,780,339	32,654,724
^a	Includes exports -				
	via Trans Mountain Oil Pipe Line Company	1,728,356	1,456,599	480,773	6,165,551
	via Interprovincial Pipe Line Company	1,837,201	2,184,171	1,668,273	8,283,877

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		April 1960	March 1960	April 1959	YEAR TO DATE 1960
Barrels Handled - Daily Average					
Gathering Systems	Barrels	488,390	552,073	439,667	539,893
Trunk Lines	"	1,256,769	1,361,490	1,142,973	1,368,702
Total Barrel Miles (Trunk Lines)	Millions	9,756	10,720	8,567	42,920
Average Miles Per Barrel (Trunk Lines)	Miles	258.7	253.9	249.8	259.2
Employees and Earnings (6)					
Average Number (4)	No.	1,517	1,501	1,548	1,500
Total Salaries and Wages	\$	780,318	774,748	766,131	3,084,194
Man-Hours Worked by Wage Earners (5) (6)	Hours	68,112	70,923	70,610	271,454

(1) Includes natural gasoline and some refinery products.

(2) Products of refineries.

(3) Includes some products.

(4) Includes salaried employees.

(5) Includes overtime.

(6) Excludes Amurex Oil Company, Anglo American Exploration, Ltd.; Anglo-Canadian Oils, Limited; Gulland Oil and Gas Company; Imperial Oil Limited, Sarnia Products Pipe Line; Key Pipe Line Co., Ltd.; Mid-Saskatchewan Pipe Lines, Ltd.; Niska Products Pipe Line Company, Limited; Peace River Oil Pipe Line Co., Ltd.; Valley Pipe Line Company, Limited and Westspur Pipe Line Company.

TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

	Imperial Pipe Line Company, Ltd.	Inter- provincial Pipe Line Company	Montreal Pipe Line Company, Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*							
Total Received into System							
This month April, 1960	2,103,735	9,541,410	5,996,253	4,052,447	3,172,546	(2) 16,679,075	41,545,466
This year (4 months)	11,357,815	44,799,831	28,808,661	15,369,257	13,279,512	(3) 72,497,772	186,112,848
Total Delivered out of System							
This month April, 1960	2,105,180	10,256,447	6,011,119	3,794,130	3,276,819	(4) 17,398,791	42,842,486
This year (4 months)	11,355,317	45,005,165	28,812,884	15,012,033	13,384,074	(5) 75,767,771	189,337,244
OPERATING STATISTICS							
Barrels Handled - Daily Average							
Gathering Lines							
This month April, 1960	70,173	-	-	-	105,365	312,852	488,390
This year (4 months)	93,846	-	-	-	109,430	336,617	539,893
Trunk Lines							
This month April, 1960	-	341,882	200,371	126,471	109,227	478,818	1,256,769
This year (4 months)	-	371,944	238,123	124,066	110,612	523,957	1,368,702
Total Barrel Miles (Trunk Lines)							
in millions							
This month April, 1960	-	4,962	424	2,528	228	1,614	9,756
This year (4 months)	-	23,106	2,033	10,078	931	6,772	42,920
Average Miles per Barrel (Trunk Lines)							
This month April, 1960	-	452.0	70.6	666.0	69.6	123.4	258.7
This year (4 months)	-	479.0	70.6	671.0	69.6	106.8	259.2
OPERATING REVENUES 1960							
Dollars							
Three months ended Mar. 31	714,077	8,789,463	779,434	4,673,032	1,474,516	(6) 8,432,895	24,863,417
Six months " June 30							
Nine months " Sept. 30							
Twelve months " Dec. 31							
EMPLOYEES AND EARNINGS							
Number							
Employees, April, 1960	111	425	49	216	142	(7) 574	1,517
Dollars							
Salaries and Wages							
This month April, 1960	56,152	226,592	25,499	123,569	69,041	(7) 279,465	780,318
This year (4 months)	225,531	881,965	98,241	484,455	268,892	(7) 1,125,100	3,084,194
Man hours Worked by Wage Earners							
Hours							
This month April, 1960	10,905	336	5,703	480	12,706	(7) 37,982	68,112
This year (4 months)	44,233	1,428	23,197	890	51,177	(7) 150,529	271,454

* Totals include duplication between companies.

(1) See list of reporting companies on page 7.

(2) Includes 4,354,739 bbls. products and 39,765 bbls. natural gasoline.

(3) Includes 19,021,410 bbls. products and 190,808 bbls. natural gasoline.

(4) Includes 4,208,314 bbls. products and 41,488 bbls. natural gasoline.

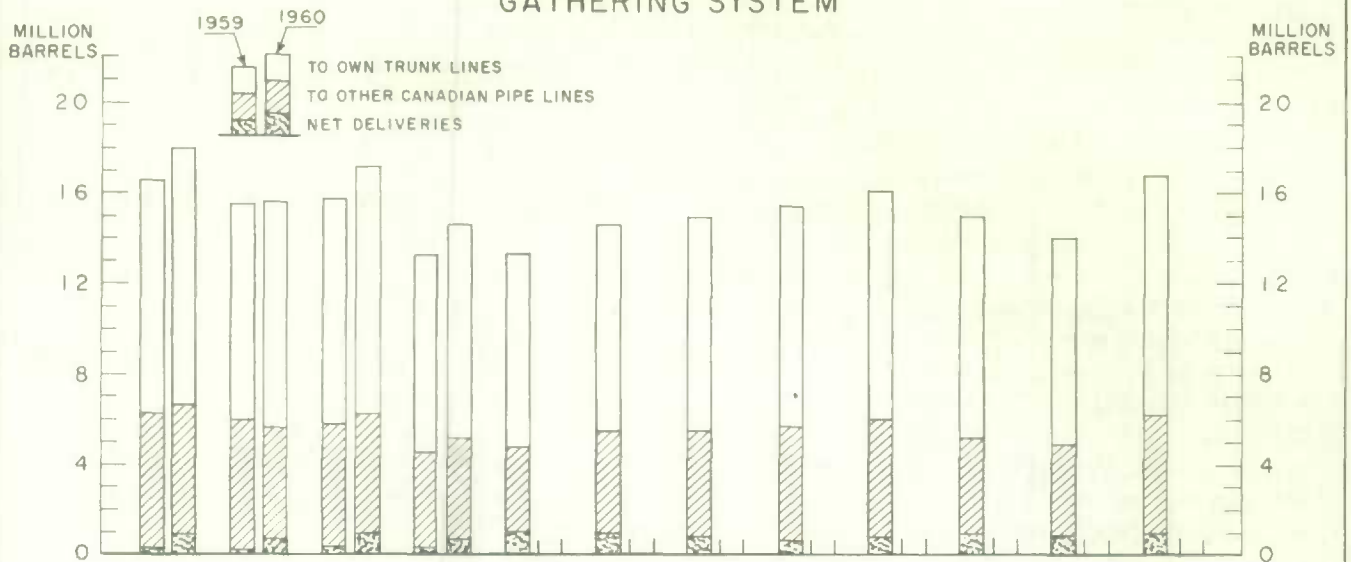
(5) Includes 18,496,519 bbls. products and 189,337 bbls. natural gasoline.

(6) Excludes Amurex Oil Company; Anglo American Exploration, Ltd.; Goliad Oil and Gas Company; Green River Exploration Company Limited; and Imperial Oil Limited, Sarnia Products Pipe Line.

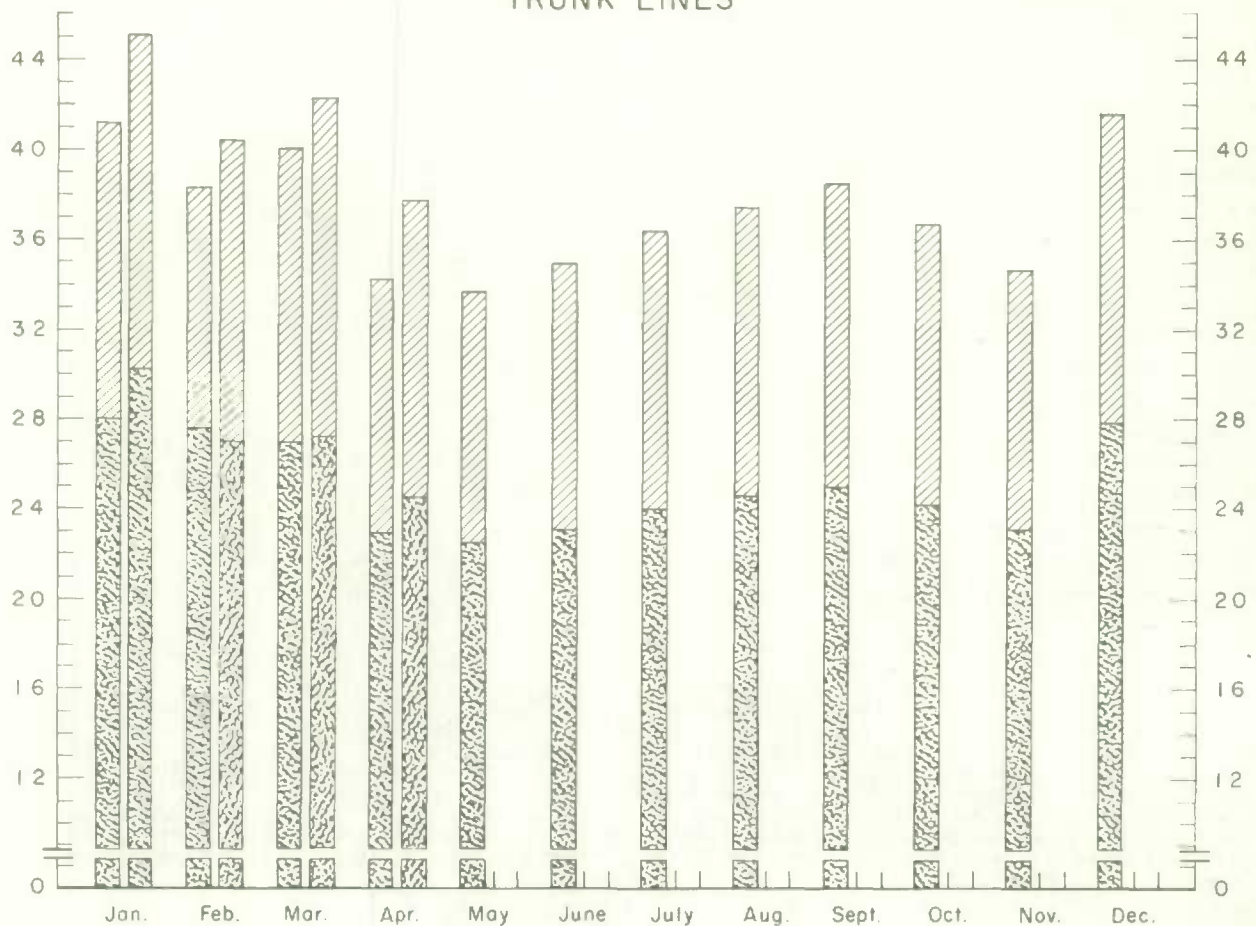
(7) Excludes Amurex Oil Company; Anglo American Exploration, Ltd.; Anglo-Canadian Oils, Limited; Goliad Oil and Gas Company; Imperial Oil Limited, Sarnia Products Pipe Line; Key Pipe Line Co., Ltd.; Mid-Saskatchewan Pipe Lines, Ltd.; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Co., Ltd.; Valley Pipe Line Company, Limited and Westspur Pipe Line Company.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1959 AND 1960

GATHERING SYSTEM



TRUNK LINES



List of Oil Pipe Lines Reporting

Amurex Oil Company
Anglo American Exploration, Ltd.
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Devon-Palmer Oils, Ltd.
Edmonton Pipe Line, Division of Pamoil Limited
Federated Pipe Lines, Ltd.
Gibson Associated Oil Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Gibson Petroleum Company, Limited
Goliad Oil and Gas Company
Green River Exploration Company, Limited
Home Oil Company, Limited, Cremona Pipe Lines Division
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Co., Ltd.
Mid-Saskatchewan Pipe Lines, Ltd.
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Co., Ltd.
Pembina Pipe Line, Ltd.
Producers Pipelines, Ltd.
Rangeland Pipeline Company Limited, Division of
Hudson's Bay Oil and Gas Co., Ltd.
Saskatoon Pipe Line Co., Ltd.
South Saskatchewan Pipe Line Company
Sun-Canadian Pipe Line Company, Ltd.
Sun Pipe Line Company
Texaco Exploration Company, Pipe Line Dept.
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Ltd.
Valley Pipe Line Company, Limited
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited.

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