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DOMINION BUREAU OF STATISTICS

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PIPE LINES (OIL) STATISTICS

APRIL, 1956

DOMINION BUREAU OF STATISTICS
JUL 3 1956

Deliveries of oil from Canadian pipe lines fell off during April with an average net delivery of 699,678 barrels per day, some 37,000 less than the March average and 53,335 barrels below the peak of 753,013 reached in February of this year. Compared with the corresponding month last year total net deliveries were up by almost 33 p.c. totalling 20,990,353 barrels as against 15,818,889 in April, 1955.

For the four months ended April 30 net deliveries amounted to 88,422,928 barrels, 29.6 p.c. above deliveries of 68,222,523 recorded in the same period of 1955. Of this total, refinery products accounted for 15,251,963 barrels, as against 13,225,551 barrels in 1955. Provincial deliveries for the first four months were as follows, (1955 data in brackets): British Columbia 13,873,230 barrels (8,618,407); Alberta 6,446,283 (5,679,030); Saskatchewan 5,832,779 (4,888,321); Manitoba 22,538,245 (14,697,209); Ontario 14,934,494 (13,050,471); and Quebec 24,797,897 (21,289,085). Included in the Manitoba deliveries were 19,199,650 barrels (12,332,159) transferred from the Interprovincial system in Manitoba to the Lake-head Pipe Line Company for shipment through the United States. Of this amount 5,834,044 barrels (645,743) were for export while the remainder was destined to refineries at Sarnia.

Net receipts for the month of April totalled 21,197,428 barrels, down 987,608 barrels from the March receipts of 23,185,036. Included in the April receipts were 10,057,379 barrels of Alberta crude, 48,387 of Alberta natural gasoline, 756,707 of Saskatchewan crude, 410,453 of Manitoba crude, 6,143,228 of imported crude and 3,781,284 barrels of refinery products.

Gathering systems handled an average of 363,061 barrels per day in April, compared with 411,726 in March, down by some 48,600 barrels per day. Trunk line deliveries dropped by 97,092 barrels per day with an average delivery of 904,037 barrels in April, against 1,001,129 in March.

Barrel miles at 8,107 million were down from 9,333 in March, and the average length of haul fell from 300.7 miles in March to 298.9.

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 Amurex Oil Development Company, Anglo American Exploration Company and employee data of the Key Pipe Line Company, Ltd., Mid-Saskatchewan Pipe Lines, Ltd., Nisku Products Pipe Line Company, and Anglo Canadian Oils, Ltd. have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

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

8504-508-46

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

	<u>Barrels</u>
Total Received into Systems - all companies -	
during first four months of 1956, per table 6	141,532,062
Received into Trunk Lines from other Canadian Pipe Lines	51,850,410
"Net Received" into Canadian Pipe Line Systems	89,681,652
"Net Received" into Trunk Systems per table 1	41,953,100
"Net Received" into Gathering Systems per table 2	47,728,552
Total Delivered out of Systems - all companies -	
during first four months of 1956, per table 6	140,335,922
Delivered to other Canadian Pipe Lines	51,912,994
"Net Delivered" from Canadian Pipe Line Systems	88,422,928
"Net Delivered" from Trunk Systems per table 1	84,638,579
"Net Delivered" from Gathering Systems per table 2	3,784,349

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, 1956

	<u>Barrels</u>	
Total Shippers Balances - January 1, 1956	8,937,210	
Total Carriers Balances - January 1, 1956	375,411	9,312,621
Received into Gathering Systems January 1 to April 30, 1956	47,728,552	
Received into Trunk Systems January 1 to April 30, 1956	118,273,767	166,002,319
Total oil accountable for period		175,314,940
Delivered from Gathering Systems January 1 to April 30, 1956	47,762,255	
Delivered from Trunk Systems January 1 to April 30, 1956	117,042,205	164,804,460
Balance to be accounted for at April 30, 1956		10,510,480
Oil consumed as fuel and losses		193,839
Balance on hand - April 30, 1956		10,316,641
Total Shippers Balances - April 30, 1956	9,782,961	
Total Carriers Balances - April 30, 1956	533,680	

The Interprovincial Pipe Line Company operates over 1,500 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba, along with 7 miles of 30 inch pipe coming into Canada across the St. Clair River at Sarnia. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia 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 data for these two short sections are not included in Canadian oil pipe line statistics. A summary of oil delivered by these two lines at Sarnia follows:

Month	Interprovincial Pipe Line Company	Sun Pipe Line Company
	Crude Oil	Crude and Refined Oil
	Barrels	Barrels
April, 1955	2,105,173	428,816
March, 1956	3,372,733	506,340
April, 1956	3,233,814	378,844

TABLE 1

OIL[/] CARRIED BY PIPE LINES - TRUNK

	April 1956	March ^X 1956	April 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received * (2+3+4+5)</u>	27,328,855	31,349,790	19,139,494	118,273,767
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	5,714,180	6,735,851	2,447,595	24,470,257
3. Other pipe lines - Gathering	2,610,908	3,237,618	2,028,960	12,083,932
4. Trunk	8,687,119	10,970,752	5,523,933	39,766,478
5. <u>Net Received (6+7+8)</u>	10,316,648	10,405,569	9,139,006	41,953,100
6. Originating on own trunk lines	4,144,509	4,276,642	3,796,815	16,758,374
7. Received from foreign pipe line connections	6,143,228	6,027,235	5,328,382	24,821,731
8. Received from other carriers (rail & truck)	28,911	101,692	13,809	372,995
9. <u>Total Delivered * (10+11)</u>	27,121,119	31,034,985	19,408,142	117,042,205
10. Less: Delivered to other Canadian trunk lines	7,115,368	9,089,341	4,251,968	32,403,626
11. <u>Net Delivered (12+13+14)</u>	20,005,751	21,945,644	15,156,174	84,638,579
12. Terminated on own trunk lines	14,157,151	14,757,887	12,268,591	58,498,501
13. Delivered to foreign pipe line connections	5,616,994	7,077,155	2,863,304	25,619,860
14. Delivered to other carriers (rail & truck)	231,606	110,602	24,279	520,218

TABLE 2

OIL[/] CARRIED BY PIPE LINES - GATHERING

	April 1956	March ^X 1956	April 1955	YEAR TO DATE 1956
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	10,880,780	12,779,467	6,594,196	47,728,552
16. Less: Received from other gathering systems	-	-	-	-
17. <u>Net Received (18+19)</u>	10,880,780	12,779,467	6,594,196	47,728,552
18. Originating on own gathering system	10,835,514	12,521,576	6,569,583	46,651,343
19. Received from other carriers (rail & truck)	45,266	257,891	24,613	1,077,209
20. <u>Total Delivered * (21+22+23)</u>	10,891,841	12,763,489	6,574,884	47,762,255
Less: Delivered to other pipe lines -				
21. Own Trunk system	5,712,461	6,735,851	2,447,595	24,468,538
22. Other pipe lines	4,194,778	5,135,270	3,464,574	19,509,368
23. <u>Net Delivered (24+25)</u>	984,602	892,368	662,715	3,784,349
24. Terminated on gathering systems	671,156	693,639	471,553	2,906,393
25. Delivered to other carriers (rail & truck)	313,446	198,729	191,162	877,956

/ Includes natural gasoline and products.

* Includes duplications.

/ Includes natural gasoline.

X Revised.

TABLE 3

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

Province		April	March ^X	April	YEAR TO DATE
		1 9 5 6	1 9 5 6	1 9 5 5	1 9 5 6
		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	9,714,747	11,568,393	6,140,760	43,132,023
"	- Trunk	446,739	574,286	463,501	2,191,119
Saskatchewan	- Gathering	755,580	724,345	247,710	2,846,844
"	- Trunk	1,127	2,741	-	12,880
Manitoba	- Gathering	410,453	486,729	205,726	1,749,685
"	- Trunk	-	-	-	-
Ontario (2)	- Trunk	2,248,116	2,269,124	2,099,846	9,110,290
Quebec (3)	- Trunk	7,620,666	7,559,418	6,575,659	30,638,811
Net Received	- Gathering	10,880,780	12,779,467	6,594,196	47,728,552
"	- Trunk	10,316,648	10,405,569	9,139,006	41,953,100
"	- Total	21,197,428	23,185,036	15,733,202	89,681,652

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCES IN WHICH SHIPMENTS TERMINATED OR WERE TRANSFERRED TO OTHER CARRIERS

Province		April	March ^X	April	YEAR TO DATE
		1 9 5 6	1 9 5 6	1 9 5 5	1 9 5 6
		Barrels	Barrels	Barrels	Barrels
British Columbia	∧ Trunk	2,683,969	4,064,761	2,275,629	13,873,230
Alberta (1)	- Gathering	854,621	768,486	608,241	3,312,186
"	- Trunk	599,313	817,812	405,189	3,134,097
Saskatchewan	- Gathering	129,981	123,882	54,474	472,163
"	- Trunk	1,264,967	1,285,722	1,214,080	5,360,616
Manitoba †	- Trunk	5,618,166	5,834,147	2,698,117	22,538,245
Ontario (2)	- Trunk	3,716,941	3,863,882	3,260,896	14,934,494
Quebec	- Trunk	6,122,395	6,079,320	5,302,263	24,797,897
Net Delivered	- Gathering	984,602	892,368	662,715	3,784,349
"	- Trunk	20,005,751	21,945,644	15,156,174	84,638,579
"	- Total	20,990,353	22,838,012	15,818,889	88,422,928
∧	Including exports to U.S.A.	732,278	2,251,890	776,024	6,420,210
†	Including deliveries to U.S. pipe lines, Gretna, Man.	4,884,716	4,910,312	2,087,280	19,199,650

TABLE 5

OPERATING STATISTICS

		April	March ^X	April	YEAR TO DATE
		1 9 5 6	1 9 5 6	1 9 5 5	1 9 5 6
Barrels Handled - Daily Average					
Gathering Systems	Barrels	363,061	411,726	219,163	394,729
Trunk Lines	"	904,037	1,001,129	646,938	967,291
Total Barrel Miles (Trunk Lines)	Millions	8,107	9,333	5,423	34,822
Average Miles Per Barrel (Trunk Lines)	Miles	298.9	300.7	279.4	297.5
Employees and Earnings (6)					
Average Number (4)	No.	1,402	1,378	1,210	1,362
Total Salaries and Wages	\$	608,866	604,252	485,503	2,339,100
Man-Hours Worked by Wage Earners (5) (6)	Hours	55,531	63,896	52,341	236,856

- (1) Includes natural gasoline.
- (2) Products of refineries.
- (3) Includes some products.
- (4) Includes salaried employees.
- (5) Includes overtime.
- (6) Excludes Amarex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Sarnia Products Line and Nisku Products Pipe Line Company, Limited.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

April, 1956.

Traffic and Operating Statistics	Imperial Pipe Line Co. Ltd.	Inter-provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Other Pipe Lines (1)	Total
TRAFFIC*			<u>Barrels</u>			
<u>Total Received into System</u>						
This month (April, 1956)	4,013,127	7,583,707	6,143,228	2,677,126	(2) 12,078,267	32,495,455
This year (4 months)	18,740,924	32,282,471	24,821,731	14,335,919	(3) 51,351,017	141,532,062
<u>Total Delivered out of System</u>						
This month (April, 1956)	4,012,429	7,326,846	6,122,395	2,683,969	(4) 12,154,860	32,300,499
This year (4 months)	18,782,517	31,757,199	24,797,897	13,873,230	(5) 51,125,079	140,335,922
OPERATING STATISTICS						
<u>Barrels Handled - Daily Average</u>						
<u>Gathering Lines</u>						
This month (April, 1956)	133,748	-	-	-	229,313	363,061
This year (4 months)	155,227	-	-	-	239,502	394,729
<u>Trunk Lines</u>						
This month (April, 1956)	-	244,228	204,080	89,466	366,263	904,037
This year (4 months)	-	262,456	204,941	114,655	385,239	967,291
<u>Total Barrel Miles</u>						
<u>(Trunk Lines - in millions)</u>						
This month (April, 1956)	-	4,430	451	1,893	1,333	8,107
This year (4 months)	-	17,966	1,826	9,663	5,367	34,822
<u>Average Miles Per Barrel</u>						
<u>(Trunk Lines)</u>						
This month (April, 1956)	-	605.0	73.6	705.0	121.3	298.9
This year (4 months)	-	565.0	73.6	697.0	115.1	297.5
OPERATING REVENUES						
Three Months ending March 31, 1956	965,948	5,986,021	<u>Dollars</u> 624,367	5,252,344	(7) 5,543,545	18,372,225
Six Months ending June 30,						
Nine Months ending Sept. 30,						
Twelve Months ending Dec. 31,						
EMPLOYEES AND EARNINGS						
<u>Number of Employees</u>						
	205	392	<u>Number</u> 49	189	(6) 567	1,402
<u>Salaries and Wages</u>						
This month (April, 1956)	81,064	180,155	<u>Dollars</u> 20,679	91,561	(6) 235,407	608,866
This year (4 months)	321,784	694,856	83,037	350,202	(6) 889,221	2,339,100
<u>Man-Hours Worked by Wage Earners</u>						
This month (April, 1956)	21,987	739	<u>Hours</u> 505	951	(6) 31,349	55,531
This year (4 months)	90,753	2,224	2,002	4,131	(6) 137,746	236,856

* Totals include duplication between companies.

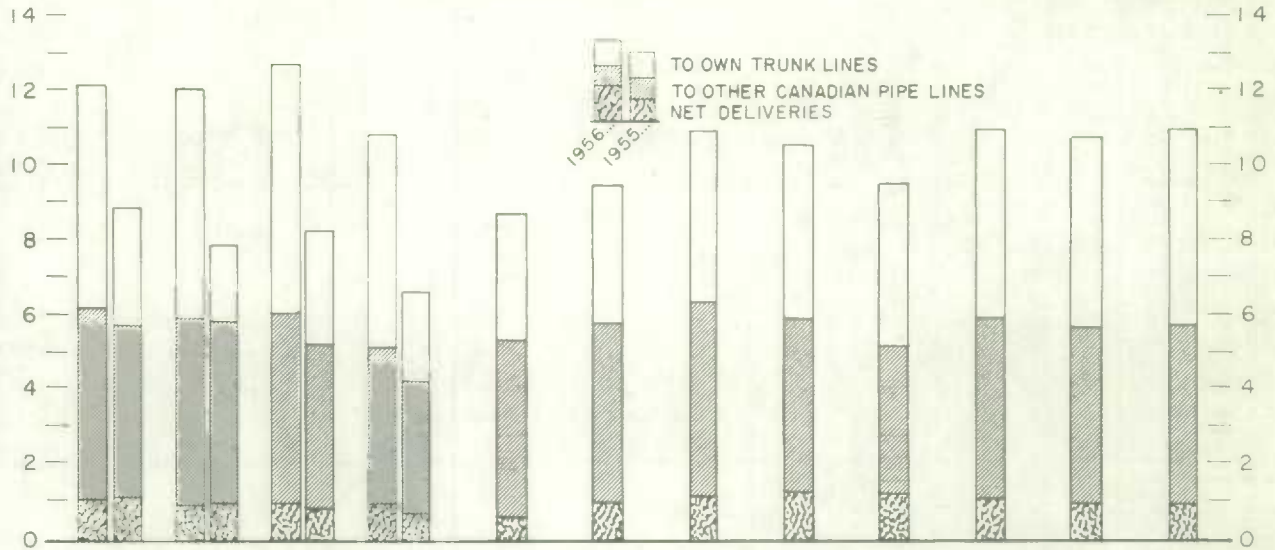
- (1) Includes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, B.A. Alberta Pipe Line, Limited, B.A. Saskatchewan Pipe Line, Limited, Canadian Gulf Pipe Line Company, Edmonton Pipe Line Co. Limited, Gibson Crude Oil Purchasing Co. Limited, Green River Exploration Co. Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Limited, Peace River Oil Pipe Line Company Ltd., Pembina Pipe Line, Ltd., Trans-Prairie Pipe Lines Limited, Saskatoon Pipe Line Company, South Saskatchewan Pipe Line Company, Sun Canadian Pipe Line Company, Limited, Texaco Exploration Company, Trans-Northern Pipe Line Company, Valley Pipe Line Company, Limited, and Winnipeg Pipe Line Company, Limited.
- (2) Includes 3,781,284 bbls. products and 48,387 bbls. natural gasoline.
- (3) Includes 15,243,727 bbls. products and 225,022 bbls. natural gasoline.
- (4) Includes 3,773,775 bbls. products and 48,991 bbls. natural gasoline.
- (5) Includes 15,251,963 bbls. products and 224,585 bbls. natural gasoline.
- (6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Anglo-Canadian Oils, Limited, Imperial Oil - Sarnia Products Pipe Line Division, Key Pipe Line Co. Ltd., Mid-Saskatchewan Pipe Lines Ltd., Mobil Oil of Canada Ltd., Nisku Products Pipe Line Company, Limited, Peace River Oil Pipe Line Company, Ltd., and Valley Pipe Line Company, Ltd.
- (7) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Green River Exploration Company, Mobil Oil of Canada Ltd., and Sarnia Products Pipe Line.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1955 AND 1956

MILLION
BARRELS

GATHERING SYSTEM

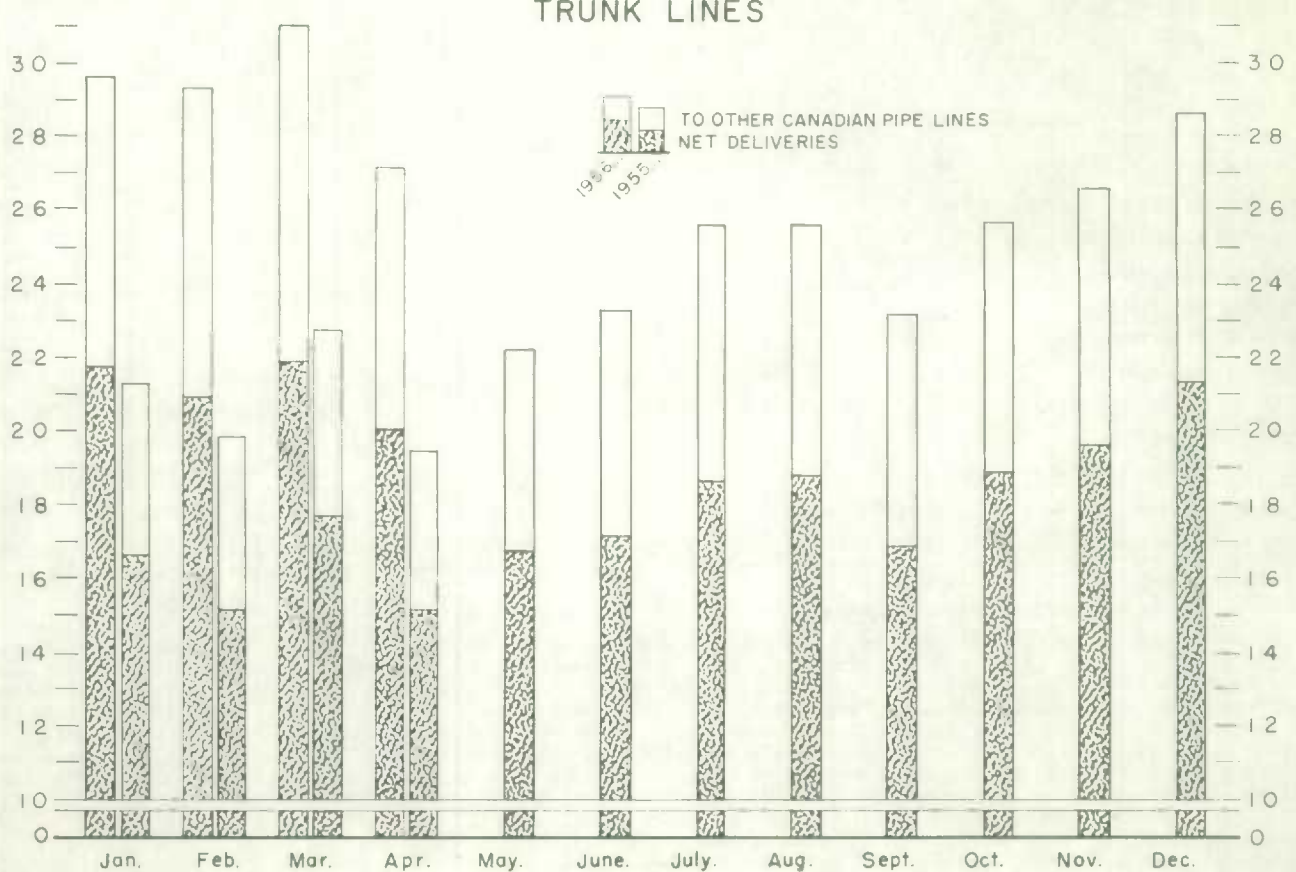
MILLION
BARRELS

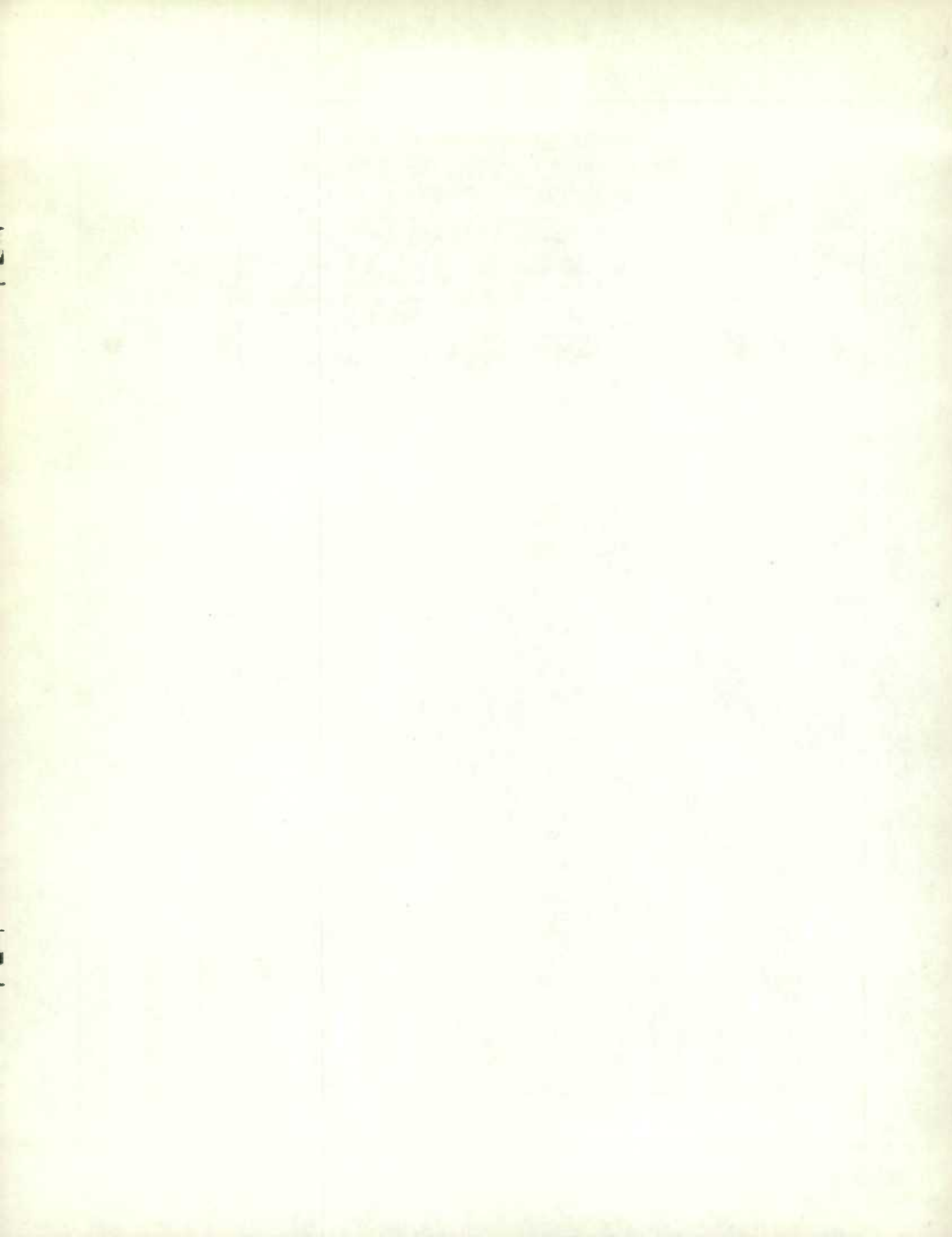


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TRUNK LINES

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