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Anchorage - March 19, 1946

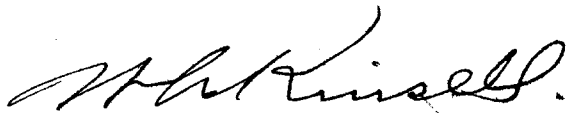
COL. J. P. JOHNSON:  
General Manager

Your memorandum March 13th relative all locomotives assigned to The Alaska Railroad giving complete information as to when purchased, how purchased, date locomotive was built, present condition of locomotive.

Attached is 3-page statement showing all locomotives now on the active list of locomotives owned by The Alaska Railroad, giving all of the information requested except condition of locomotives and which are recommended to be scrapped, this information being shown on the two other sheets attached.

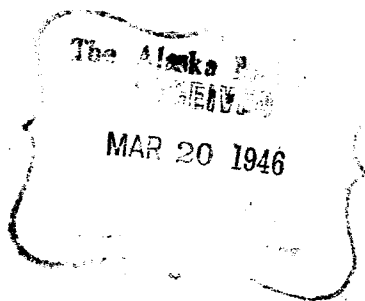
You will note that we recommend that locomotives, 5, 224, 606 and 618 be retired now and scrapped, and that engine 266 should be retired in about three months and engine 272 in about six months.

The 200 and 600 classes of locomotives built in 1906 for use on the Panama Canal will be ready for retirement by the end of 1947 even though they are given light repairs between now and that time, and none of the 200 class or 600 class are figured to last until the end of 1947 unless light repairs are made on the engines to make them last until that time.



W. L. Kinsell

wlk/il



LOCOMOTIVE LIST

Anchorage - March 18, 1946

Reproduced at the National Archives at Anchorage

ARR. NO.	TYPE	BUILT BY	DATE BUILT	PUR. DATE	PLACED IN SERVICE	HOW PURCHASED	PURCHASE PRICE	CONDITION: RECOMMENDATION
1	Saddle Tank	A.L. Co.	1915	1915	1915	New	5,506.66	
5	"	"	1917	1917	1917	"	9,163.92	Retire
224	Mogul	"	1906	1916	1916	Second-hand from Panama RR	11,390.40	"
239	"	"	1906	1916	1916	"	18,406.94	
266	"	"	1906	1917	1917	"	11,410.39	Retire m 3 mo
270	"	"	1906	1917	1917	"	10,398.71	
272	"	"	1906	1917	1917	"	9,629.78	" " 6 mo
301	Switcher	"	1906	1943	1943	from N.P.Ry. Former #1042	33,071.19	
501	Consolidation	Lima	1942	1942	May 1942	New from War Dept.	78,906.66	SEE ATTACHED LIST FOR CONDITION
502	"	"	1942	1942	May 1942	New from War Dept. built on C.O.#1161	78,969.86	AND RECOMMENDATIONS
551	"	B.L.W.	1943	1943	Sept. 1943	New from War Department	66,565.76	
552	"	"	1943	1943	Sept. 1943	New from War Department	66,565.76	
554	"	"	1943	1943	Sept. 1943	New from War Department	66,565.76	

LOCOMOTIVE LIST

ARR NO.	TYPE	BUILT BY	DATE BUILT	PUR. DATE	PLACED IN SERVICE	HOW PURCHASED	PRICE	CONDITION	RECOMMENDATION
555	Consolidation 2-8-0	B.L.W.	1943	1943	OCT. 1943	New. from War Department	66,565.76		
556	"	"	1943	1943	OCT. 1943	From War Dept New	66,565.76		
557	"	"	1944	1944	1944	From War Dept	66,565.76		
601	Mogul 2-6-0	A.L.Co.	1906	1919	1919	Second-hand from Pan.RR	20,930.15		
605	"	"	1906	1919	1919	Second-hand fr. Panama RR	18,361.64		Retire
606	"	"	1906	1919	1919	Second-hand fr. Panama RR	19,633.37		
610	"	"	1906	1919	1919	Second-hand fr. Panama RR	24,309.55		
614	"	"	1906	1919	1919	Second-hand fr. Panama RR	19,624.61		
618	"	"	1906	1919	1919	Second-hand fr. Panama RR	19,574.65		Retire
620	Mogul 2-6-0	"	1906	1919	1919	Second-hand fr. Panama RR	17,859.71		
701	Mikado 2-8-2	B.L.W.	1927	1927	1927	New	76,630.96		
702	"	"	1927	1927	1927	"	76,630.96		
703	"	"	1928	1928	1928	"	77,324.53		
751	"	A.L.Co.	1910	Pur. Ord. Feb. 20, 1942	May 26, 1942	Second-hand from N.P.Ry. #1676	44,054.53		
752	Mikado 2-8-2	A.L.Co.	1910	Pur. Ord. 2-18, 1943	1943	Second-hand from N.P.Ry. #1692	45,586.20		
801	Mountain 4-8-2	B.L.W.	1932	1932	1932	New	74,621.55		

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LOCOMOTIVE LIST

ARR NO.	TYPE	BUILT BY	DATE BUILT	PUR. DATE	PLACED IN SERVICE	HOW PURCHASED	PURCHASE PRICE	CONDITION	RECOMMENDATION
802	Mountain 4-8-2	B. L. W.	1942	1942	1942	New	128,978.20		
901	Pacific 4-6-2	"	1941	1941	1941	"	95,438.41		
902	"	"	1945	1945	1945	"	126,211.51		
1000	Diesel- Elec.	A. L. Co.	1944	1944	1944	"	108,647.28		
1001	"	"	1944	1944	1944	"	108,786.92		
23	2-8-0	"	1907	1946	1946	Second-Hand			

STATEMENT OF CONDITION OF A.R.R. LOCOMOTIVESMARCH 19, 1946

<u>ENG. #</u>	<u>MILEAGE</u>	<u>CONDITION</u>	<u>RECOMMENDATION</u>
1		Shop Locomotive Poor	Good for a few months.
5		Very Poor	Scrap.
224	203,000	O.S. Very poor	Needs overhauling; not worth it; should be retired.
239	103,000	O.S.	Needs overhauling. Boiler fair.
266	169,000	Very poor	Good for possibly three months and then scrap.
270	82,000	O.S. In back shop	Needs work on boiler and running gear. Will be good for two years after making repairs. Only reason for doing this work is account of short of switch engines.
272	77,000	Boiler good for 6 months	Then scrap if not overhauled.
301	98,000	Anchorage yard switch engine	Needs back shop repairs on machinery. Boiler fair; will be good for several years after back shop overhauling.
501	133,000	Fair to good	Probably good for 25 years.
502	134,000	Fair to good	Probably good for 25 years.
551-7		6 engines. Fair to good	These 6 military engines good for probably 10 years.
601	174,000	Fair to good Boiler fair	Retire about January 1, 1948.
605	95,000	Fair to good	Retire about January 1, 1948.
606	178,000	Out of service for gen. overhaul.	Should be scrapped.
610	144,000	Fair to good	Retire about January 1, 1948.
614	155,000	O.S. Boiler good machinery poor	With light repairs good until January 1, 1948.
618	192,000	Boiler very bad	Should be scrapped.

ENG. #	MILEAGE	CONDITION	RECOMMENDATION
620	123,000	Fair to good	With light repairs good until January 1, 1948.
701	324,000	Condition poor	Good for about 15 years.
702	63,000	Condition good	Good for about 15 years.
703		Excellent	Just out of shop. Good for about 16 yrs.
751	95,000	O.S. Condition poor	Both main frames broken and welded several times; needs new frames; Maintenance Dept. claim too heavy for track. This locomotive had new stoker in 1942 put on by Northern Pacific. Would not recommend overhauling locomotive unless absolutely needed.
752	95,000	O.S. Poor	Tires badly worn; needs general overhauling; one cylinder cracked and cylinder bushing loose. Taken out of service account Maintenance Dept. say hard on track. Not worth repairing. Would not recommend overhauling locomotive unless absolutely needed.
801	220,000	Needs general overhauling	Good for 23 years after repairs are made.
802	81,000	Good to fair	Good for 30 years.
901	193,000	Good	Good for 30 years.
902	128,000	Good	Good for 33 years.
Diesel 1000	45,000	Good	Good for probably 25 years.
Diesel 1001	43,000	Good	Good for 25 years
Locomotives 5, 224, 606, 618		--	Should be scrapped now.
Engine 266		--	Scrap in about three months.
Engine 272		--	Scrap in about six months.

Anchorage, Alaska  
February 16, 1948

MR. E. P. HEWMAN

Reference is made to your memorandum of February 13, 1947, addressed to Mr. Mucker, attaching a statement showing recorded value of locomotives. Will you please furnish Mr. Benedict with a copy, if you have not already done so.

J. T. Cunningham  
Acting General Manager

JTH:mjp

cc: G. A. Benedict

DEPARTMENT OF THE INTERIOR  
THE ALASKA RAILROAD

Recorded Value of Locomotives Acquired from Surplus as of January 31, 1948

Locomotive Number and Type	Appraised Value*	Railroad Freight to Seattle	Water Freight to Alaska	Repairs Outside	Storage and Handling Seattle	Traveling Expenses	Penalty Lift	Conditioning at Anchorage		Store Expense	Total
								Labor	Material		
310 06-0	5,000.00	-	2,692.43	19.98	-	-	-	436.50	175.63	56.95	8,381.49
311 "	5,000.00	-	2,692.44	19.99	-	-	-	899.46	417.06	56.93	9,085.88
312 "	5,000.00	154.70	2,339.60	-	-	-	-	303.40	129.21	74.94	8,001.85
313 "	5,000.00	154.70	2,345.92	-	-	-	-	1,322.82	317.11	75.00	9,215.55
314 "	5,000.00	168.73	2,997.54	-	-	-	-	585.11	52.83	316.63	9,120.84
315 "	5,000.00	2,974.47	2,320.10	-	-	-	-	1,386.59	307.09	977.02	12,965.57
316 "	5,000.00	1,117.93	1,937.51	-	727.12	-	-	-	88.00	305.54	9,176.10
317 "	5,000.00	2,926.77	2,368.10	-	-	-	-	1,033.13	301.48	54.77	11,684.25
318 "	5,000.00	2,974.47	2,384.20	-	-	-	-	77.17	170.05	983.40	11,589.29
319 "	5,000.00	2,775.03	2,997.80	-	-	-	-	2,428.56	295.50	467.28	13,964.17
320 "	5,000.00	2,775.03	2,997.80	-	-	-	-	501.31	135.37	467.29	11,876.80
Sub-total	55,000.00	16,021.83	28,073.74	39.97	727.12	-	-	8,974.05	2,389.33	3,835.75	115,061.79
503 2-8-0	5,000.00	2,440.24	2,375.30	-	-	-	-	1,730.86	764.30	108.15	12,418.85
504 "	5,000.00	3,331.10	3,746.00	201.84	-	-	-	673.02	172.60	145.58	13,270.14
Sub-total	10,000.00	5,771.34	6,121.30	201.84	-	-	-	2,403.88	936.90	253.73	25,688.99
558 2-8-0	5,000.00	503.65	2,375.30	-	-	-	-	1,875.22	697.67	1,033.93	11,485.77
559 "	5,000.00	503.65	2,375.30	-	-	-	-	1,153.13	687.73	1,034.20	10,754.01
560 "	5,000.00	2,440.24	2,375.30	-	-	-	-	5,471.01	1,488.87	98.16	16,873.58
Sub-total	15,000.00	3,447.54	7,125.90	-	-	-	-	8,499.36	2,874.27	2,166.29	39,113.36
1010 127-ton	10,000.00	-	3,150.00	10,000.00	-	-	-	427.40	104.74	431.50	24,113.64
1011 "	10,000.00	-	3,245.00	10,000.00	-	-	-	325.21	50.07	432.45	24,052.73
1012 "	10,000.00	1,666.00	3,962.75	10,000.00	-	-	-	245.61	24.47	458.84	26,357.67
1013 "	10,000.00	1,666.00	2,781.63	10,000.00	-	-	-	207.58	-	388.95	25,044.16
1014 "	10,000.00	1,666.00	3,277.30	10,000.00	-	-	1,134.45	289.43	26.98	421.56	26,815.72
Sub-total	50,000.00	4,998.00	16,416.68	50,000.00	-	-	1,134.45	1,495.23	206.26	2,133.30	126,383.92

\*As was where received from Surplus.



Recorded Value of Locomotives Acquired from Surplus as of January 31, 1948-Continued

Locomotive Number and Type	Appraised Value*	Railroad Freight to Seattle	Water Freight Seattle to Alaska	Repairs Outside	Storage and Handling Seattle	Traveling Expenses	Penalty Lift	Conditioning at			Store Expense	Total
								Labor	Anchorage Material			
1050A 127-ton	10,000.00	4,155.69	3,508.05	32,802.59	1,012.15	316.31	1,214.33	1,396.43	149.72	1,143.19	1,143.19	55,698.46
1050B "	10,000.00	4,155.69	3,508.05	32,802.59	1,012.16	316.32	1,214.32	1,396.44	149.72	1,143.22	1,143.22	55,698.51
Sub-Total	20,000.00	8,311.38	7,016.10	65,605.18	2,024.31	632.63	2,428.65	2,792.87	299.44	2,286.41	2,286.41	111,396.97
1100 65-ton	5,000.00	2,988.65	1,606.00	-	-	-	-	247.54	63.13	91.74	91.74	10,077.06
1101 "	5,000.00	2,988.65	1,686.00	-	-	-	-	389.02	110.86	91.75	91.75	10,266.28
1102 "	5,000.00	850.94	1,732.60	4.00	-	-	-	114.07	34.36	91.90	91.90	7,827.87
1103 "	5,000.00	850.95	1,732.60	4.00	-	-	-	120.74	37.67	91.90	91.90	7,837.86
1104 "	5,000.00	1,476.18	1,429.44	198.34	-	-	-	367.34	-	62.12	62.12	8,535.42
1105 "	5,000.00	2,204.40	1,429.44	-	-	-	-	41.44	-	363.38	363.38	9,038.66
1106 "	5,000.00	2,197.00	1,415.68	-	-	-	-	-	-	72.25	72.25	8,684.93
Sub-total	35,000.00	13,558.77	11,111.76	206.34	-	-	-	1,280.15	246.02	365.04	365.04	62,268.08
1201 99-ton	7,500.00	513.77	1,706.13	-	-	-	-	81.59	.17	44.40	44.40	9,846.06
1202 "	7,500.00	507.01	1,706.13	-	-	-	-	95.24	3.61	44.26	44.26	9,856.25
1203 "	7,500.00	1,536.03	2,574.00	-	-	-	831.00	186.00	-	148.23	148.23	12,775.26
1204 "	7,500.00	1,536.03	2,574.00	-	-	-	831.00	600.65	-	148.23	148.23	13,189.91
Sub-total	30,000.00	4,092.84	8,560.26	-	-	-	1,662.00	963.48	3.78	385.12	385.12	45,667.48
Grand Total	215,000.00	56,201.70	84,425.74	116,053.32	2,751.43	632.63	5,225.10	26,409.02	6,956.00	11,925.64	11,925.64	525,580.52

*Handwritten signature*

STANDARD GAUGE LOCOMOTIVES USED ON THE ALASKA RAILROAD

<u>TYPE</u>	<u>OFFICIAL NUMBERS</u>	<u>DATE BUILT</u>	<u>BUILDER</u>
SADDLE TANK 0-4-2	1, 5	1915, 1917	ALCO
AMERICAN 4-4-0	10, 11	No record	
TEN WHEELED 4-6-0	20	No record	Rhode Island Loco. Works
MOGUL 2-6-0	206, 221, 224, 225, 239, 242, 247, 264, 265, 266 270, 272, 275, 277, 278, 280, 285	1906	ALCO
CONSOLIDATION 2-8-0	501, 502	1942	Lima
CONSOLIDATION 2-8-0	551, 552, 553, 554, 555, 556, 557	1943	Baldwin
MOGUL 2-6-0	601, 605, 606, 610, 614, 616, 620	1906	ALCO
MIKADO 2-8-2	701, 702, 703	1927, 1929	Baldwin
MIKADO 2-8-2	751, 752	1910	ALCO
MOUNTAIN 4-8-2	801, 802	1932, 1942	Baldwin
PACIFIC 4-6-2	901, 902	1940, 1945	Baldwin
DIESEL Road Switcher	1000, 1001	1944	ALCO

Item No.	Official No.	Quantity	Size	Weight	Material	Notes
	175	105 lbs.	44"	15,350	1915-1917	Placed in service 1915-1917.
X	224, 239, 266, 270-272	180 lbs.	54"	20,900	1900	Placed in service 1916 & 1917.
X	301	180 lbs.	51"	31,200	1900	Placed in service-1943.
X	501 & 502	210 lbs.	50"	37,100	1900	Placed in service-1942.
X	551, 552, 553, 554, 555, 556, 557	225 lbs.	57"	31,500	1943, 1944	551 to 556 placed in service 1943. 557 placed in serv. 1944.
	601, 605, 606, 610, 614, 618, 620	200 lbs.	63"	24,690	1906	Placed in service 1919.
	701-702	200 lbs.	54"	43,100	1927	Purchased New.
	703	210 lbs.	54"	44,500	1928	Purchased New.
X	751 & 752	200 lbs.	63"	50,600	1910	Placed in service 1942 & 1943.
	801	220 lbs.	69"	43,100	1932	Placed in service 1942.
X	900	220 lbs.	63"	43,100	1942	Placed in service 1942.
X	901	200 lbs.	63"	36,500	1940	Placed in service 1940.
X	902	200 lbs.	63"	36,500	1945	Placed in service 1945.

Eng 553 wrecked and scrapped Oct. 19, 1943.

Purchased from N.A.S. 1942.

Purchased from N.A.S.

0710-1942

501 to 556 Type 531-556 Model in service  
Sold for \$50,000. 1943.  
1943. 557 Model in serv. 1944.  
557 Model 1944

Eng 553 wrecked and scrapped Oct. 19, 1943.

COMBINATION 2-6-0 Type

591, 552-553 19"x20" 57" 225 lbs. 162,500 31,500

554, 555, 556, 557

601, 605, 606, 610, 614, 618, 620  
100L 2-6-0 Type 63" 100 lbs. 150,000 24,000 Model in service 1910.

701-702 22"x28" 54" 200 lbs. 240,000 43,100  
Booster 11,800  
Purchased Nov.

703 22"x28" 54" 210 lbs. 244,100 44,800  
Booster 11,600  
Purchased Nov.

751 & 752 25"x30" 63" 200 lbs. 269,600 50,600  
Booster 11,800  
Model in service 1942 & 1943

801 22"x30" 63" 220 lbs. 274,000 43,100  
Booster 11,800  
Purchased Nov.

802 22"x30" 63" 220 lbs. 273,300 43,100  
Booster 11,800  
Purchased Nov.

901 22"x28" 63" 200 lbs. 248,900 36,500  
Purchased Nov.

902 22"x28" 63" 200 lbs. 243,000 36,500  
Purchased Nov.

X Diesel Elec. 1000 & 1001 12 1/2"x13" 40" 260,000 30,000  
At 10 miles per hour.  
Purchased Nov.

Anchorage, Alaska  
 May 10, 1947

Mr. G. A. Benedict:

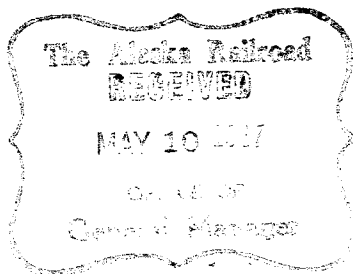
Following is a list of Locomotive Mileages  
 ending March 31, 1947:

<u>LOCOMOTIVE</u>	<u>MILEAGE</u>	<u>LOCOMOTIVE</u>	<u>MILEAGE</u>
310	3,296	601	186,521
311	3,370	605	21,177
312	3,174	610	160,963
313	1,768	701	18,044
501	172,405	703	38,913
502	172,012	801	9,855
503	2,090	802	11,237
551	115,884	901	236,871
552	73,782	902	173,568
554	104,560	1000	83,519
555	99,452	1001	79,804
556	105,244	1010	159
557	60,759	1100	2,016
558	2,997	1101	3,318
559	1,206	M-111	5,319
		M-114	30,243

cc-M.T. Hughes  
 E.L. Plunkett  
 E.W. Barnett  
 Jesse Wallace

Edward Combs-Chief Clerk  
 Mechanical Department

EC/bl  
 Mech.



DECEMBER 1, 1947

MECHANICAL DEPARTMENT - LOCOMOTIVE SPECIFICATIONS

NO.	CYLS.	TRACT. P. DEVS.	HP. ON DEVS.	IRV. DIAM.	TOTAL WT. R & W	TYPE	HP/HP	WATER	BUILDER	DATE
902	22 x 28	36500	156000	63-56	446500	4-6-2	200	10000	BLW. 70336	1945
901	22 x 28	36500	156000	63-56	446500	4-6-2	200	10000	BLW. 62515	1941
802	22 x 30	43100	190000	63-56	473600	4-6-2	220	10000	BLW. 64366	1942
801	22 x 30	43000	190000	63-56	473600	4-6-2	220	10000	BLW. 62736	1932
703	22 x 28	42600	176000	54-47	441600	2-8-2	210	10000	BLW. 60689	1928
702	22 x 28	42600	172000	54-47	441600	2-8-2	200	10000	BLW. 59606	1927
701	22 x 28	42600	172000	54-47	441600	2-8-2	200	10000	BLW. 59605	1927
560	19 x 26	31500	141000	57-51	288950	2-8-0	225	6500	BLW. 70367	1944
559	19 x 26	31500	141000	57-51	288950	2-8-0	225	6500	BLW. 70479	1944
558	19 x 26	31500	141000	57-51	288950	2-8-0	225	6500	BLW. 70478	1944
557	19 x 26	31500	141000	57-51	288950	2-8-0	225	6500	BLW. 70480	1943
556	19 x 26	31500	141000	57-51	288950	2-8-0	225	6500	BLW. 69855	1943
555	19 x 26	31500	141000	57-51	288950	2-8-0	225	6500	BLW. 69854	1943
554	19 x 26	31500	141000	57-51	288950	2-8-0	225	6500	BLW. 69639	1943
552	19 x 26	31500	141000	57-51	288950	2-8-0	225	6500	BLW. 69637	1943
551	19 x 26	31500	141000	57-51	288950	2-8-0	225	6500	BLW. 69636	1943
504	21 x 26	37100	160000	50-44	304700	2-8-0	210	6500	ILWA 7867	1942
503	21 x 26	37100	160000	50-44	304700	2-8-0	210	8500	ILWA 7881	1942
502	21 x 26	37100	160000	50-44	304700	2-8-0	210	6500	ILWA 7880	1942
501	21 x 26	37100	160000	50-44	304700	2-8-0	210	6500	ILWA 7579	1942
320	21 x 28	40000	157000	50-44	261300	0-6-0	190	6500	ILWA 8383	1944
319	21 x 28	40000	157000	50-44	261300	0-6-0	190	8000	ILWA 8382	1944
318	21 x 28	40000	157000	50-44	261300	0-6-0	190	6500	ILWA 8392	1944
317	21 x 28	40000	157000	50-44	261300	0-6-0	190	8000	ILWA 8393	1944
316	21 x 28	40000	157000	50-44	261300	0-6-0	190	6500	ILWA 8379	1944
315	21 x 28	40000	157000	50-44	261300	0-6-0	190	6500	ILWA 8391	1944
314	21 x 28	40000	157000	50-44	261300	0-6-0	190	6500	ILWA 8408	1944
313	21 x 28	40000	157000	50-44	261300	0-6-0	190	6500	ILWA 8406	1943
312	21 x 28	40000	157000	50-44	261300	0-6-0	190	6500	ILWA 8407	1943
311	21 x 28	40000	157000	50-44	261300	0-6-0	190	6500	ILWA 8402	1943
310	21 x 28	40000	157000	50-44	261300	0-6-0	190	6500	ILWA 8390	1944

NO.	TYPE	HORSE POWER	CYLINDERS	IRVING	IRVING	IRVING	BUILDER	DATE
1106	0-4-4-0	400 at 1800 R.P.M.	6-1 7/8 x 6	191	28"	4000 G.	ILWA	1944