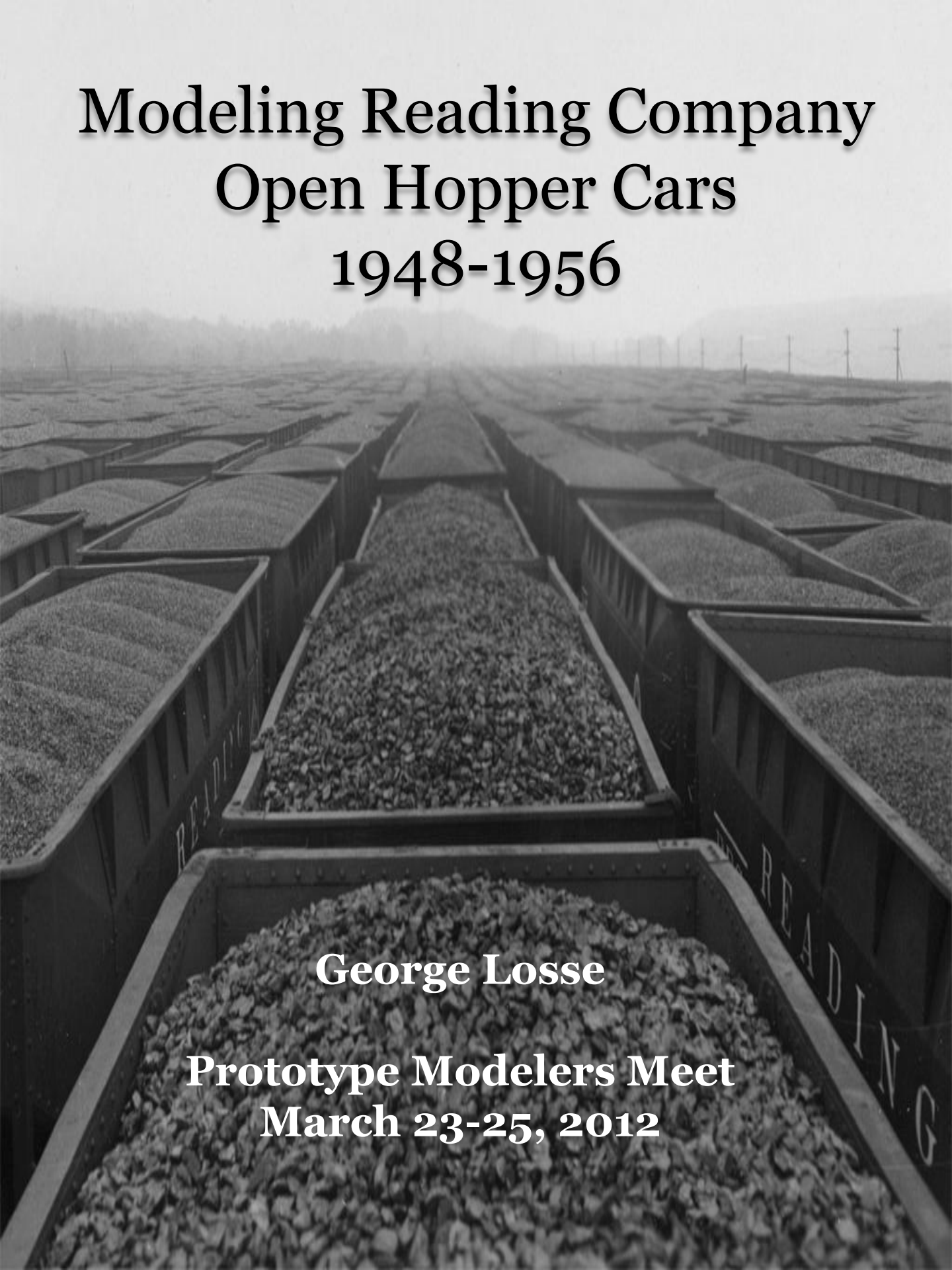




Modeling Reading Company Open Hopper Cars 1948-1956

George Losse

**Prototype Modelers Meet
March 23-25, 2012**

Paint Schemes

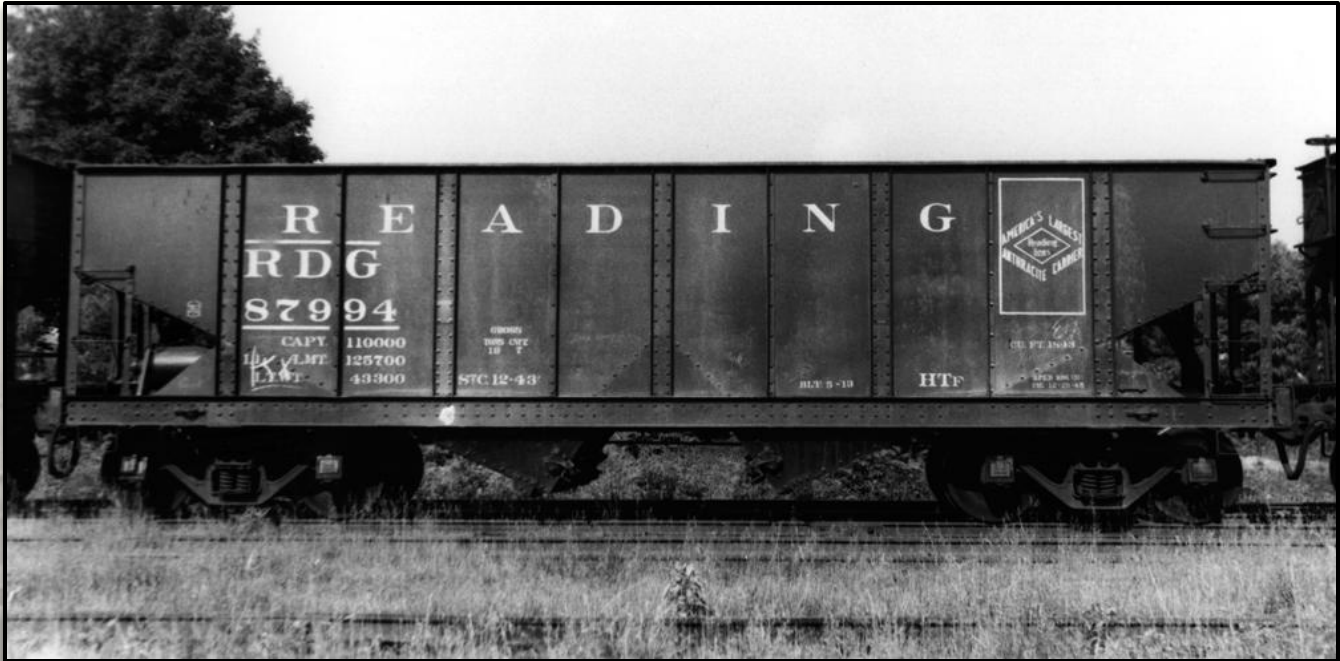
1901-1915	P&R Initials
1905-1915	"The Reading" is included
1916-1922	"Philadelphia & Reading"
1923-1940	Underlined "Reading" Car Number Centered On Car
1940	Roman lettering without red herald New with Class HTO
1942-1954	Roman lettering with red herald
	2-17-42 "Added Stencil "America's Largest Anthracite Carrier"
1955-1958	"Speed" lettering with red herald

CARS PLACED IN SERVICE AFTER 1900

		1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975	Conrail	
HTA	80000-80999	1000	991														HTA	
HTB	60000-60999	999	996	982	911												HTB	
HTC	81000-81499	500	500	1419	505	487	487	471									HTC	
HTD	81500-85499		3998	3991	3979	3963	3951	3917	1640	233							HTD	
HTE	84319			1	1	1	1	1									HTE	
HTF	83788,84873, 86000-89999			4002	3999	3971	3964	3956	3951	3944	1174						HTF	
HTG	79590-79899				302	310	309	279									HTG	
HTH	74500-78999				4495	4500	4497	4481	4472	4445	4381	1771	124				HTH	
HTJ	72500-74499				1989	2000	2000	1917	1858	1853	1841	1803	798				HTJ	
HTK	61000-61863					854	390	1									HTK	
HTL	70500-72499					2000	1999	1993	1991	1864	1805	944	242				HTL	
HTN	68500-70499					2000	1999	1994	1991	1864	1805	945	242				HTN	
HTNA*	40800-40939								120*	140*	140*	140*	140				HTNA	
HTO	80000-80999									1000	997	995	960	518	8		HTO	
HTP	67000-67338									339	339	388	325	132			HTP	
HTR	65000-65999									835	997	994	989	525	5		HTR	
HTS	66000-66999	(Composite)								1000	997	989	404	4		(Composite)	HTS	
HTS	66000-66999	(Steel)									2	4	581	572	9	(Steel)	HTS	
HTT	81000-81999										1000	998	993	185			HTT	
HTU	82000-82749										750	747	738	392			HTU	
HTV	83000-87999										1000	2996	4674	4074	2121	355	195	HTV
HTVG	89000-89199													200	196	103	62	HTVG
HTW	60000-60999												1000	996	869	836	733	HTW
HTWA	59885-59999														115	115	114	HTWA
HTX	88000-88499												500	495	473	468	220	HTX
HTY	13251-13350 14000-14105 14301-14898												228	780	206	18		HTY
HTZ	40001-40400													400	400	396	396	HTZ
HTC	63500-64999														1486	1475	1468	HTC
HTD	41250-41649														400	400	400	HTD
HTE	41650-41849															199	199	HTE
HTF	59000-59099															82	100	HTF
HTG	483501-484600																1100	HTG

*-- These cars retained their original car numbers until renumbered in 1958-1959.

HTF 86000-89999



Car Numbers	Builder	Built	Qty Built
86000-86999	American Car & Foundry	1913	1000
87000-87999	Cambria Steel Co.	1913	1000
88000-88999	Standard Steel Car Co.	1911	1000
89000-89999	American Car & Foundry	1910	1000

Notes

Between 1947-1950 500 HTf Converted to HTfx
 410 to Ash Service and 90 to Ballast Service
 Cars Built with an Arch Bar Truck, Replaced with Birdsboro side frame trucks
 1953 Last Cars Retired

Modeling Options - O Scale

Plastic: No Commercial Models - Kitbash from MTH War Emergency Hopper
 Brass: No Commercial Models

Modeling Options - HO Scale

Plastic: No Commercial Models
 Brass: No Commercial Models

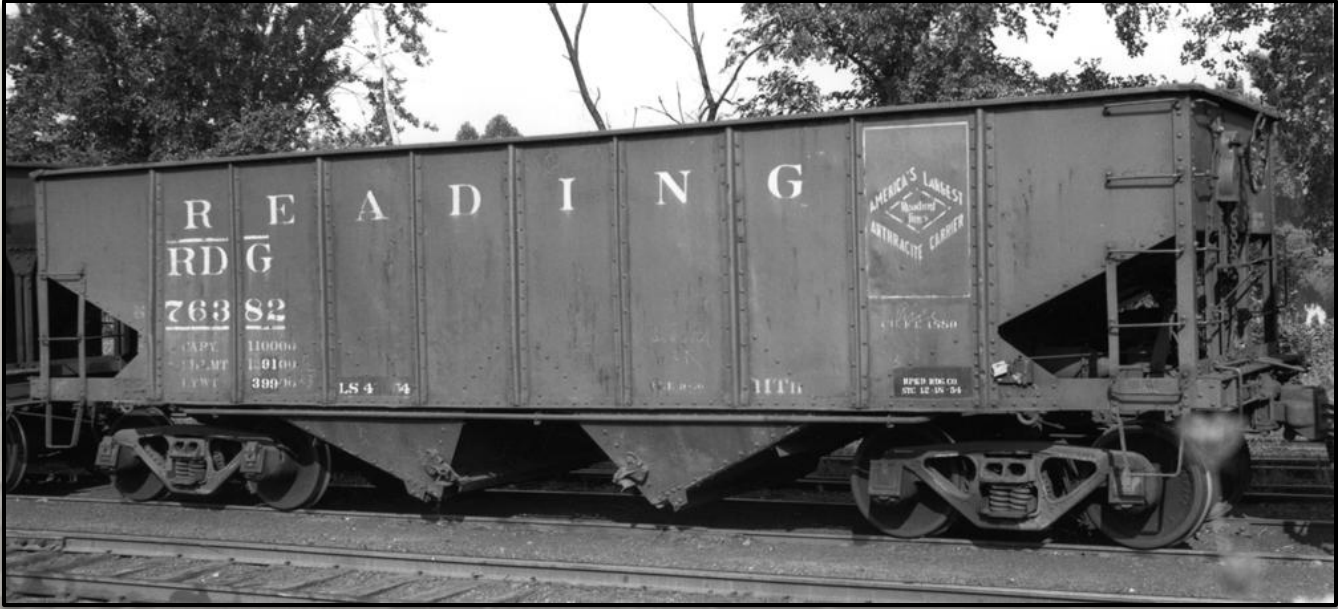
Car Totals In Period

1948	2558	16%
1949	1996	12%
1950	1174	7%
1951	849	5%
1952	334	2%
1953	59	0%
1954	19	0%

Dimensions

32' 10"	IL
9' 6"	IW
10'	Top of Car side
1843	CU.FT
55 ton	CAPY

HTH 74500-78999



Car Numbers	Builder	Built	Qty Built
74500-75499	Cambria Steel Co.	1917	1000
75500-75999	Standard Steel Car Co.	1917	500
76000-76499	Pressed Steel Car Co.	1917	500
76500-76999	Pressed Steel Car Co.	1916	500
77000-77499	Standard Steel Car Co.	1917	500
77500-77999	Standard Steel Car Co.	1916	500
78000-78999	Pressed Steel Car Co.	1916	1000

Notes

Cars Built with an Arch Bar Truck, Replaced with Birdsboro and Taylor side frame trucks

1953 100 HTh Converted to HThx Ballast Service

1960 Last cars Retired

Modeling Options - O Scale

Plastic: No Commercial Models - Kitbash from MTH War Emergency Hopper

Brass: No Commercial Models

Modeling Options - HO Scale

Plastic: No Commercial Models

Brass: No Commercial Models

Car Totals

1948	4404	28%
1949	4394	27%
1950	4381	27%
1951	4365	26%
1952	4214	25%
1953	3546	21%
1954	2646	17%
1955	1771	13%
1956	1010	9%

Dimensions

32' 10"	IL
9' 6"	IW
10'	Top of Carside
1880	CU.FT
55 ton	CAPY

HTJ 72500-74499



Car Numbers	Builder	Built	Qty Built
72500-73499	Standard Steel Car Co.	1919	1000
73500-74499	Ralston Steel Car	1919	1000

Notes

1931-1937 134 HTj Converted to HTjr
 later HTjr Re-Classed as LOa Covered Hoppers
 Car #73560 CU.FT was changed to 1940 with panel sides applied.
 Road on USRA 50ton Andrews Trucks

Modeling Options - O Scale

Plastic: Intermountain USRA Twin, Atlas USRA Twin
 Brass: Precision Scale Models USRA Twin, US Hobbies

Modeling Options - HO Scale

Plastic: AccuRail, Tichy, MTH
 Brass:

Car Totals

1948	1848	12%
1949	1844	11%
1950	1841	11%
1951	1837	11%
1952	1831	11%
1953	1830	11%
1954	1825	12%
1955	1803	13%
1956	1491	13%

Dimensions

30' 6"	IL
9' 5"	IW
10' 8"	Top of Carside
1880	CU.FT
55 ton	CAPY

HTL 70500-72499 HTN 68500-70499



Car Numbers	Builder	Built	Qty Built
70500-70999	Pressed Steel Car Co.	1922	500
71000-71499	Standard Steel Car Co.	1922	500
71500-71999	Midvale Steel	1922	500
72000-72499	American Car & Foundry	1922	500
68500-69499	Bethlehem Steel Corp.	1925	1000
69500-69899	Pressed Steel Car Co.	1924	400
69900-70099	Standard Steel Car Co.	1924	200
70100-70299	Bethlehem Steel Corp.	1924	200
70300-70499	American Car & Foundry	1924	200

Notes	
1940-1950	400 HTL/HTN Converted to LOB, LOc, LOd, LOe & CNJ Loa Covered Hoppers
1939-1941	140 Converted to "F series" Ore cars
1960	140 Converted to Sugar cars
1964	Last cars retired

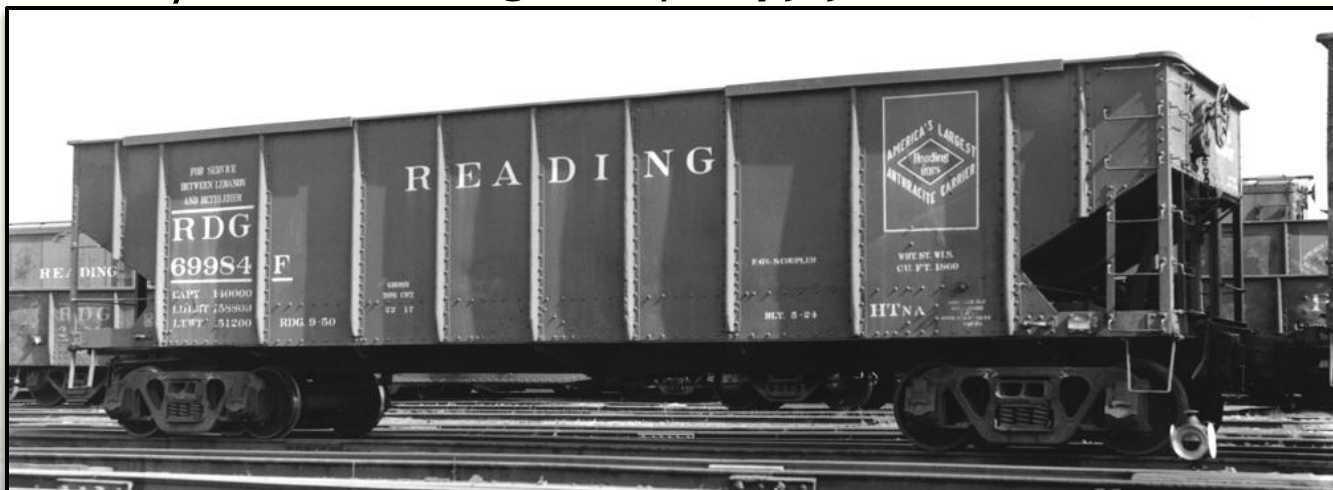
Modeling Options - O Scale
Plastic: No Commercial Models -Kitbash from 2 IM USRA Twin Kits
Brass: No Commercial Models

Modeling Options - HO Scale
Plastic: No Commercial Models - Kitbash from 2 USRA Twin Kits
Brass: No Commercial Models

Car Totals		
1948	3617	23%
1949	3614	22%
1950	3610	22%
1951	3509	21%
1952	3504	21%
1953	3500	21%
1954	3275	21%
1955	1889	14%
1956	1280	13%

Dimensions	
39' 0"	IL
9' 5"	IW
10' 8"	Top of Carside
2500	CU.FT.
70 ton	CAPY

HTLA/HTNA 68500-72499



Car Numbers	Builder	Built	Qty Built
70500-70999	Pressed Steel Car Co.	1922	500
71000-71499	Standard Steel Car Co.	1922	500
71500-71999	Midvale Steel	1922	500
72000-72499	American Car & Foundry	1922	500
68500-69499	Bethlehem Steel Corp.	1925	1000
69500-69899	Pressed Steel Car Co.	1924	400
69900-70099	Standard Steel Car Co.	1924	200
70100-70299	Bethlehem Steel Corp.	1924	200
70300-70499	American Car & Foundry	1924	200

Notes

1939 and 1941 14 HTL and 126 HTn Converted
 1955 Hopper bays removed
 1958 Re-numbered 40800-40939
 Used between Lebanon and Bethlehem. Also used in the Grace Mine

Modeling Options - O Scale

Plastic: No Commercial Models -Kitbash from IM USRA Twin Kit
 Brass: No Commercial Models

Modeling Options - HO Scale

Plastic: No Commercial Models - Kitbash from USRA Twin Kit
 Brass: No Commercial Models

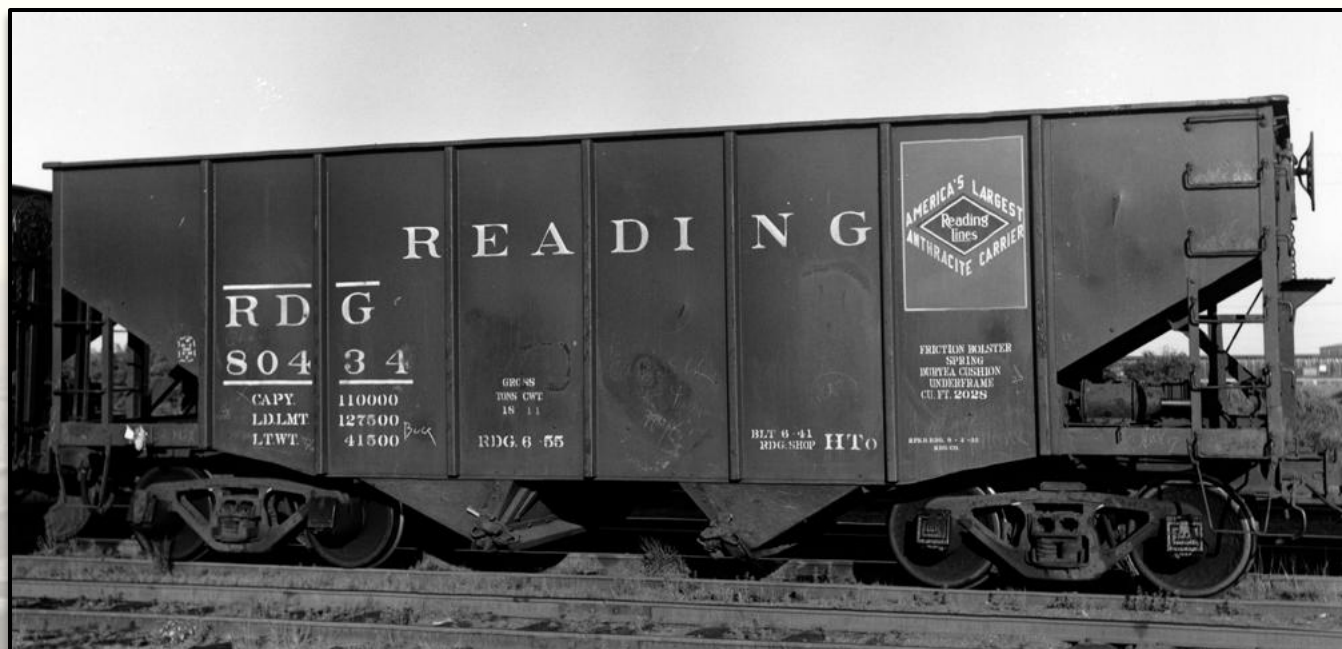
Car Totals

1948	140	1%
1949	140	1%
1950	140	1%
1951	140	1%
1952	140	1%
1953	140	1%
1954	140	1%
1955	140	1%
1956	140	1%

Dimensions

39' 0"	IL
9' 5"	IW
10' 8"	Top of Carside
1895	CU.FT.
70 ton	CAPY

HTo 80000-80999



Car Numbers	Builder	Built	Qty Built
80000-80999	Reading Shops	1941	1000

Notes

1000 CNJ HMn 67000-67999 built same time in Reading shops
 Wine & Enterprise Door Locks
 Ajax Hand Brake
 Birdsboro truck side frames

Modeling Options - O Scale

Brass: RY Models Reading Twin

Plastic: MTH Fishbelly Twin

Diecast: Atlas Fishbelly Twin

Modeling Options - HO Scale

Plastic: Bowser/Stewart Fishbelly Twin

Brass: No Commercial Models

Car Totals

1948	998	6%
1949	997	6%
1950	997	6%
1951	996	6%
1952	995	6%
1953	995	6%
1954	995	6%
1955	995	7%
1956	993	8%

Dimensions

31' 0"	IL
9' 9 3/4"	IW
11' 0"	Top of Carside
2028	CU.FT
55 ton	CAPY

HTP 67000-67338



Car Numbers	Builder	Built	Qty Built
67000-67299	Reading Shops	1942	300
67301-67338	Reading Shops	1943	39

Notes

67300 Built 1942 as HTs
Wine & Enterprise Door Locks
Ajax Hand Brake
Birdsboro truck side frames

Modeling Options - O Scale

Brass: RY Models Reading Twin

Plastic: MTH Fishbelly Twin

Diecast: Atlas Fishbelly Twin

Modeling Options - HO Scale

Plastic: Bowser/Stewart Fishbelly Twin

Brass: No Commercial Models

Car Totals

1948	339	2%
1949	339	2%
1950	339	2%
1951	339	2%
1952	339	2%
1953	339	2%
1954	338	2%
1955	338	2%
1956	337	3%

Dimensions

31' 0"	IL
9' 9 3/4"	IW
11' 0"	Top of Carside
2028	CU.FT
55 ton	CAPY

HTR 65000-65999



Car Numbers	Builder	Built	Qty Built
65000-65999	Reading Shops	1944	1000

Notes

Wine or Enterprise Door Locks
Ajax Hand Brake
Birdsboro truck side frames

Modeling Options - O Scale

Brass: RY Models Reading Twin

Plastic: MTH Fishbelly Twin

Diecast: Atlas Fishbelly Twin

Modeling Options - HO Scale

Plastic: Bowser/Stewart Fishbelly Twin

Brass: No Commercial Models

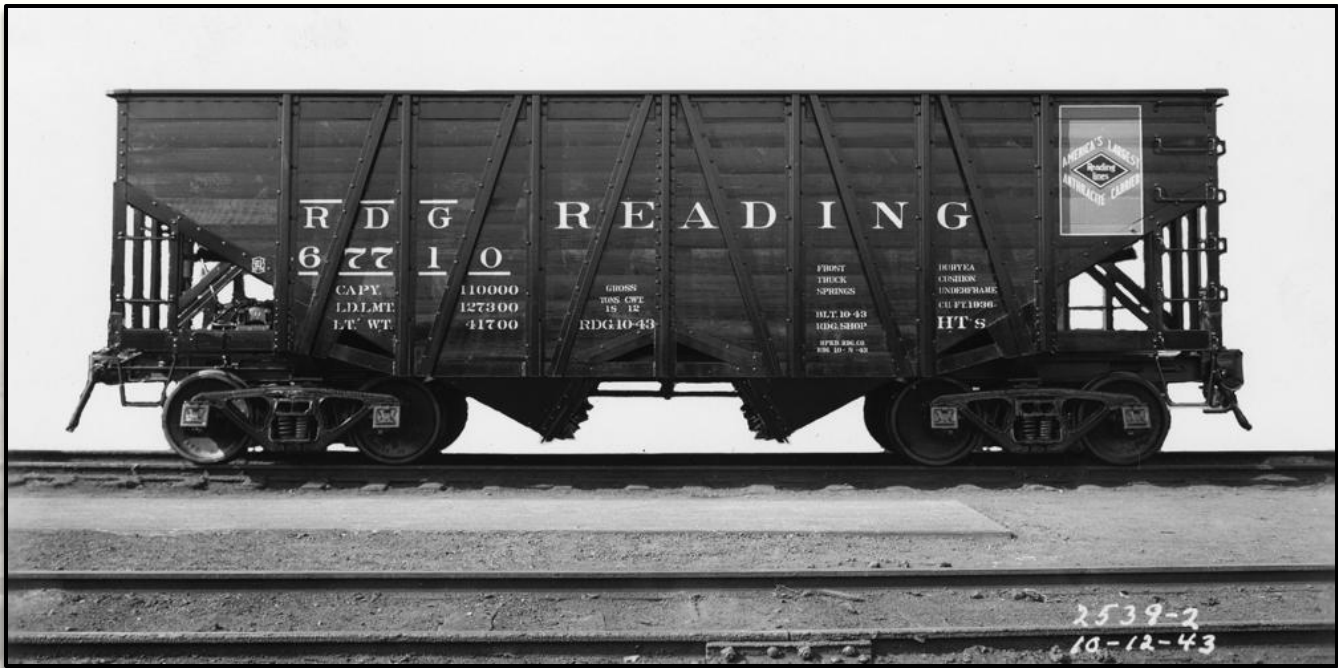
Car Totals

1948	998	6%
1949	998	6%
1950	997	6%
1951	997	6%
1952	996	6%
1953	996	6%
1954	996	6%
1955	994	7%
1956	994	8%

Dimensions

31' 0"	IL
9' 9 3/4"	IW
11' 0"	Top of Carside
2028	CU.FT
55 ton	CAPY

HTS 66000-66999 67339-67999



Car Numbers	Builder	Built	Qty Built
66000-66999	Reading Shops	1943	1000
67339-67999	Reading Shops	1944	661

Notes

67300 Built 1942 as HTs

*Car Totals for series 66000-66999

Not all HTs rebuilds the same, some are partial sides, some retain part of the old structure, some are complete new car sides.

Wine & Enterprise Door Locks

Ajax Hand Brake

Birdsboro truck side frames

Car Totals		
1948	998	6%
1949	998	6%
1950	997	6%
1951	997	6%
1952	996	6%
1953	996	6%
1954	996	6%
1955	994	7%
1956	994	8%

Modeling Options - O Scale

Plastic: No Commercial Models - Kitbash from MTH Fishbelly Twin

Brass: No Commercial Models

Modeling Options - HO Scale

Plastic: No Commercial Models Resin: F&C

Brass: No Commercial Models

Dimensions	
31' 0"	IL
9' 6 3/4"	IW
11' 0"	Top of Carside
1936	CU.FT
55 ton	CAPY

HTT 81000-81999



Car Numbers	Builder	Built	Qty Built
81000-81999	Bethlehem Steel Corp.	1948	1000

Notes

Wine & Enterprise Door Locks
 Ajax Hand Brake
 2nd hand Birdsboro truck side frames

Modeling Options - O Scale

Diecast: Lionel Offset Twin Plastic: MTH Offset twin

Brass:

Modeling Options - HO Scale

Plastic:

Brass:

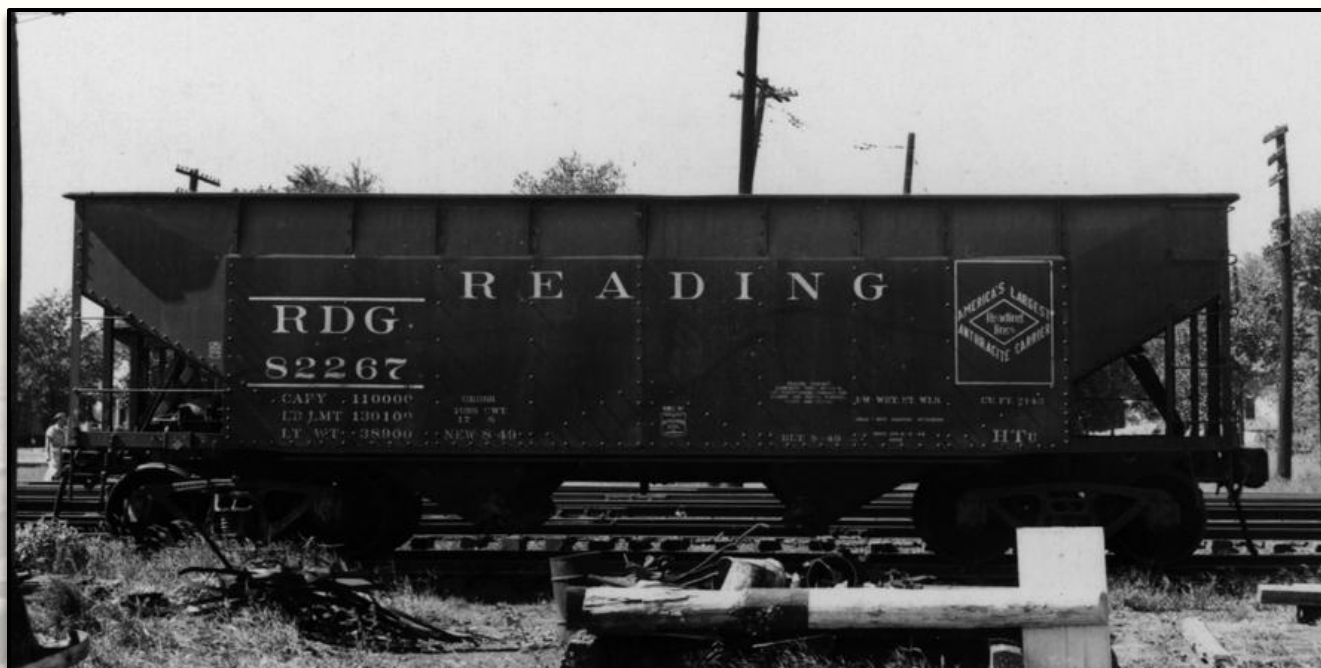
Car Totals

1948	-	-
1949	1000	6%
1950	1000	6%
1951	1000	6%
1952	1000	6%
1953	999	6%
1954	998	6%
1955	998	7%
1956	997	8%

Dimensions

33' 0"	IL
10' 4"	IW
10' 8"	Top of Carside
2145	CU.FT
55 ton	CAPY

HTU 82000-82749



Car Numbers	Builder	Built	Qty Built
82000-82749	Bethlehem Steel Corp.	1949	750

Notes

Wine Door Locks
Ajax Hand Brake
2nd hand Birdsboro truck side frames

Car Totals		
1948	-	-
1949	1000	6%
1950	1000	6%
1951	1000	6%
1952	1000	6%
1953	999	6%
1954	998	6%
1955	998	7%
1956	997	8%

Modeling Options - O Scale

Diecast: Lionel Offset Twin Plastic: MTH Offset twin

Brass:

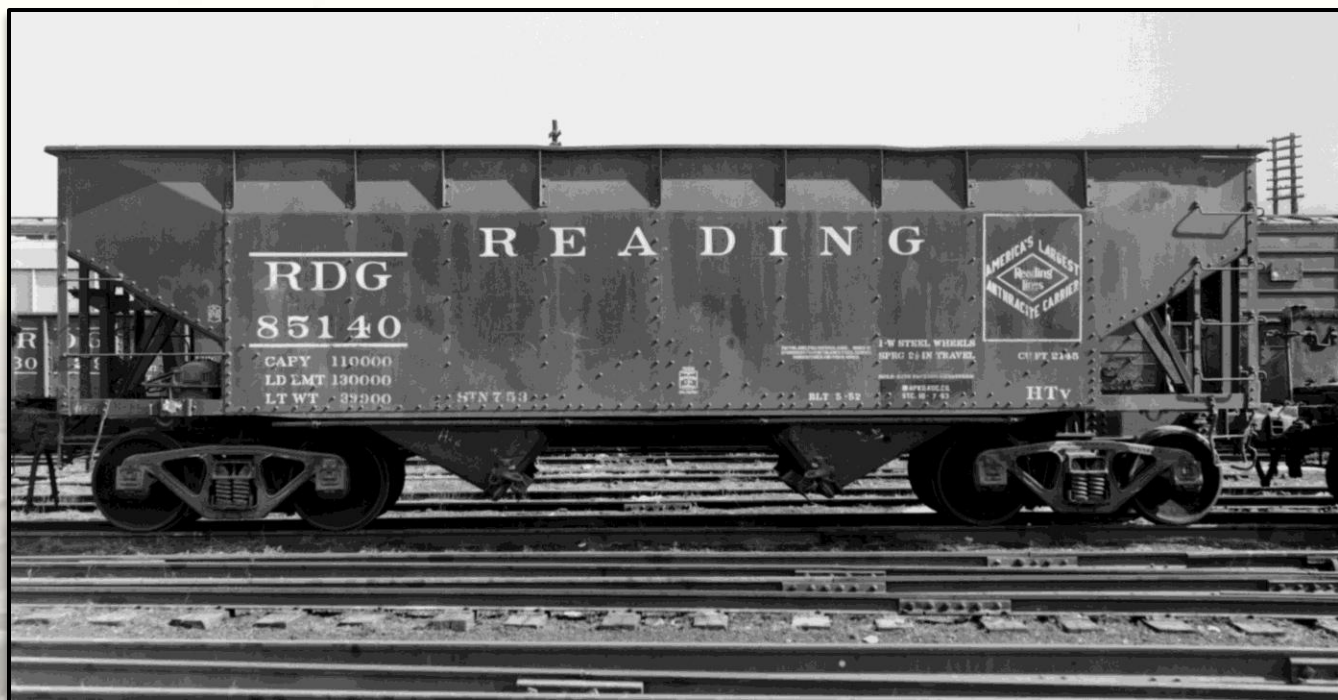
Modeling Options - HO Scale

Plastic:

Brass:

Dimensions	
33' 0"	IL
10' 4"	IW
10' 8"	Top of Carside
2145	CU.FT
55 ton	CAPY

HTV 83000-83999 87000-87999



Car Numbers	Builder	Built	Qty Built
83000-83999	Bethlehem Steel Corp.	1950	1000
84000-84999	Bethlehem Steel Corp.	1951	1000
85000-85999	Bethlehem Steel Corp.	1952	1000
86000-86699	Bethlehem Steel Corp.	1955	700
87000-87999	Bethlehem Steel Corp.	1957	1000

Notes

Wine & Enterprise Door Locks
 Ajax Universal Hand Brake
 85000 Series used in Stone Service
 86000 Series delivered in "Speed Lettering" 1955

Modeling Options - O Scale

Diecast: Lionel Offset Twin Plastic: MTH Offset twin

Brass:

Modeling Options - HO Scale

Plastic:

Brass:

Car Totals

1948	-	-
1949	-	-
1950	-	-
1951	1000	6%
1952	2000	12%
1953	2997	18%
1954	2997	19%
1955	2996	22%
1956	2996	25%

Dimensions

33' 0"	IL
10' 4"	IW
10' 8"	Top of Carside
2145	CU.FT
55 ton	CAPY