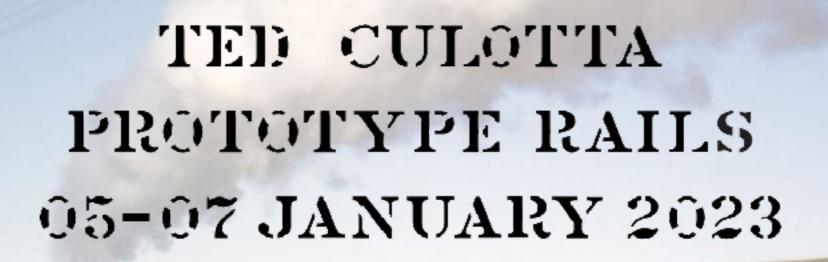
PACIFIC FRUIT EXPRESS EARLY 1950s FLEET



This will be posted to prototopics.blogspot.com

Thank you

Andy Carlson
Bob Chaparro
Dick Harley
Richard Hendrickson
Frank Peacock
Anthony Thompson
Terry Wegmann
Bill Welch

PFE Roster at January, 1953

- Includes only series
 with at least 100
 cars
- Listed by reporting marks numbers
- Source: Official
 Railway Equipment

 Register, January,
 1953

Series Start	Series End	Class	Qty. Jan. 1953	% of PFE fleet	Notes			
91022	98718	R-30/40-9	7111	18.44%				
85001	85275	R-30/40-9	162	0.42%	meat service			
62501	68900	R-30/40-19, -21, -24	5889	15.27%				
5001	8000	R-40-23	2961	7.68%				
46703	48702	R-40-23	1982	5.14%	4943 total			
40001	44700	R-40-10	4559	11.82%				
73001	76554	R-30/40-16	3399	8.81%	incl. 76228, 76229			
2001	5000	R-40-25	2985	7.74%				
60001	62500	R-30/40-18	2437	6.32%				
8001	1000	R-40-26	1997	5.18%				
45701	46700	R-40-20	987	2.56%				
44701	45700	R-40-14	979	2.54%				
90001	91021	R-30/40-8	807	2.09%	from R-30-1 to -6			
71273	71953	R-40-4	482	1.25%	from R-30-2 to -6			
38563	39062	R-40-4	471	1.22%				
13280	15919	R-30-4	466	1.21%	from R-30-11, -12			
200379	200587	R-50-5	201	0.52%				
		The state of the s	37875	98.21%	PFE total = 38565			

PFE Roster at January, 1953

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 with at least 100
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- Listed by reporting marks numbers
- Source: Official
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8001	1000	R-40-26	1997	5.18%			
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45701	46700	R-40-20	987	2.56%			
46703	48702	R-40-23	1982	5.14%			
60001	62500	R-30/40-18	2437	6.32%			
62501	68900	R-30/40-19, -21, -24	5889	15.27%			
71273	71953	R-40-4	482	1.25%	from R-30-2 to -6		
73001	76554	R-30/40-16	3399	8.81%	incl. 76228, 76229		
85001	85275	R-30-40/9	162	0.42%	meat service		
90001	91021	R-30/40-8	807	2.09%	from R-30-1 to -6		
91022	98718	R-30-40-9	7111	18.44%	The late of		
200379	200587	R-50-5	201	0.52%	an in		
	Control of the contro		37875	98.21%	PFE total = 38565		

PFE Roster at January, 1953 from ORER

600

THE OFFICIAL RAILWAY EQUIPMENT REGISTER

PACIFIC FRUIT EXPRESS COMPANY.

REPORTING MARKS-"P. F. E."

GENERAL OFFICES, 116 NEW MONTGOMERY STREET, SAN FRANCISCO 5, CAL. AND 11 SOUTH LA SALLE STREET, CHICAGO 3, ILL.

REFRIGERATOR EQUIPMENT.

The refrigerator cars of this Company are marked "Pacific Fruit Express" and "P. F. E." and are numbered and classified as follows: CAPACITY. DIMENSIONS. Capacity of Ice Tanks. DOORS. Capacity of Car OUTSIDE INSIDE Capacity Cubic Feet Measure Level Full. Founds. Sida Doors Pounds. Height from Rail. Width. Length of MARKINGS Total Capacity for Grushed NUMBERS. AND KIND OF CARS. in a in ft. in ft. ic. ft. PASSENGER. 1 BR Express, Refrig , Pass. 41 62 8 88 6 8 50 10 10 078 10 44 6 12 434 13 10 14 9 5 ... 6 034 13200 12700 12000 325 2586 83000 Total Passen ger Refrigerators FREIGHT. REPRIGERATOR. P. F. E. 1999 38 24 8 247 41 10 9 434 9 107 8 44 12 314 12 117 14 314 314 ... 5 934 11700 11200 10600 279 ... 1918 2 RS Vantilated ... Note B 5000 83 22 8 3 7 3 41 880 534 10 34 3 64 12 916 13 796 15 116 4 ... 7 634 Note J Note J Note J 80000 2985 3 RS 2001 to Notes B. J. K 8000 33 21 89 .. 8 8 7 3 41 81 9 534 10 8; 8 7 19 9% 13 734 14 11 4 ... 7 634 12700 12200 11500 202 1988 2880 80000 2061 4 RS Notes B, J, K 7 41 41 834 9 534 10 31 3 61 12 914 13 714 15 11 8 ... 7 5 8 12700 12200 11500 302 80000 5 RS Notes B. J. K 66000 6 RS 66000 42 2 9 6 0 1128 7 RS 7 12 844 18 700001 12 RS .. Notes B, D 70000 31250 to 36473 38 21 8 21 7 ... 41 91 9 41 9 101 3 41 12 83 18 112 14 7 1 4 ... 6 41 11700 11200 10600 279 ... 36474 to 36562 33 24 8 24 7 ... 42 3 9 514 10 14 3 4 12 714 18 4 14 44 5 ... 6 5 14 RS 38563 to 39062 83 21 8 21 7 ... 41 9 9 554 9 111 8 7 12 754 13 136 14 77 4 ... 6 354 11700 11200 10600 279 40001 to 44700 33 21 8 8 7 3 41 84 9 456 10 01 8 74 12 678 18 456 14 84 4 ... 7 034 Note J Note J Note J

PFE Roster at January, 1953 from ORER

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PFE Roster at January, 1953 from ORER THE OFFICIAL RAILWAY EQUIPMENT REGISTER

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gnatic			Length.		100	I		Wi	Width.		Height from Rail.			Side Doors		Pounds.		s.	Capacit Measur	Cubic Feet Pounds		Pounds.
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The Wood Cars

- Original Wood
- Original Composite (steel superstructure)
- Refurbished/Rebuilt Cars

Fodder for the Fleet

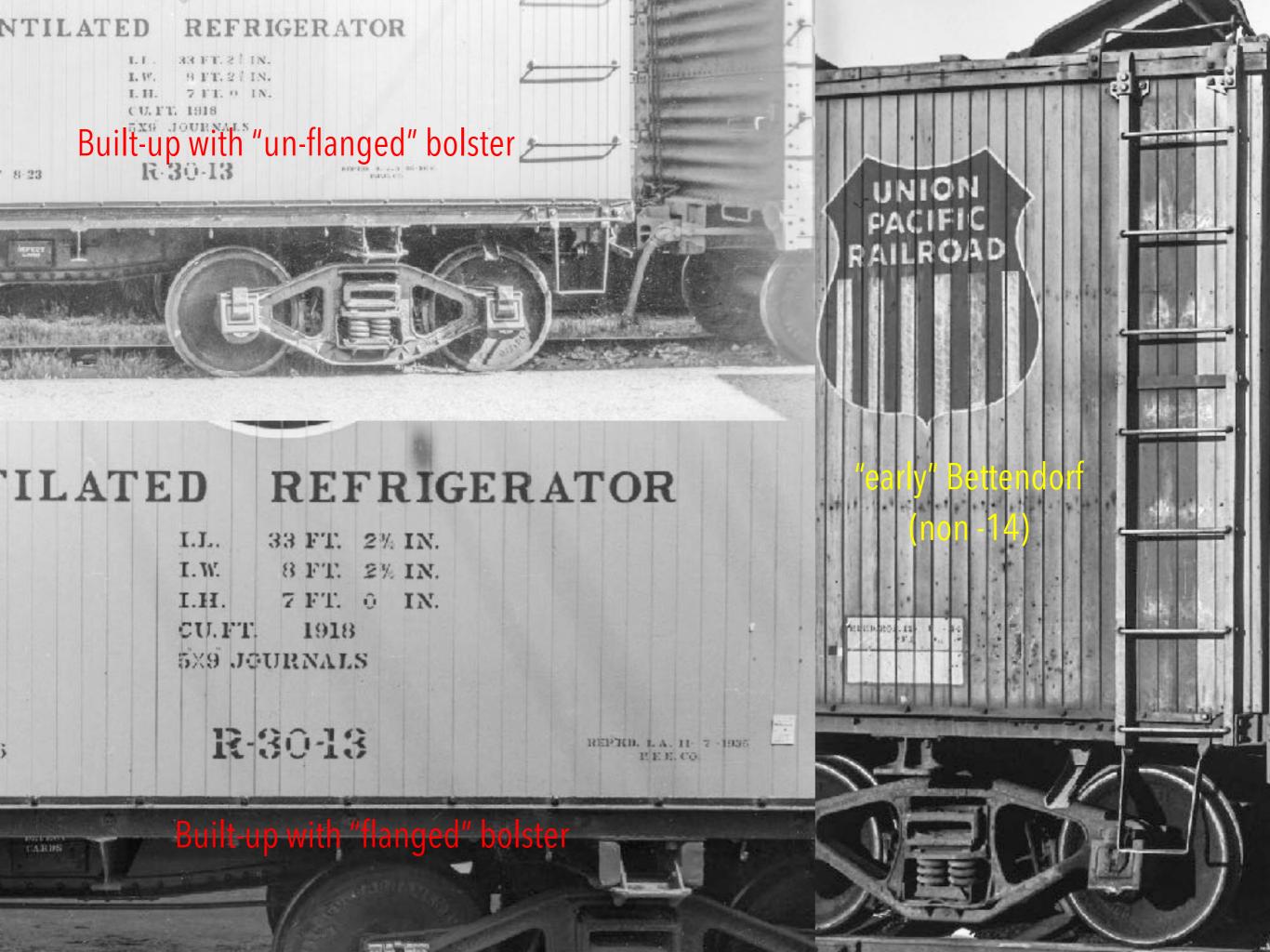
Since its incorporation in 1906, PFE invested heavily in rolling stock, with the major acquisitions in the R-30-1, -2, -4, -5, and -6 classes. This strong commitment continued in the late 'teens and '20s with the R-30-11, -12, -13, and -14 classes. The last new wood cars were added between 1928-1930 in the R-40-2 and -4 classes.*

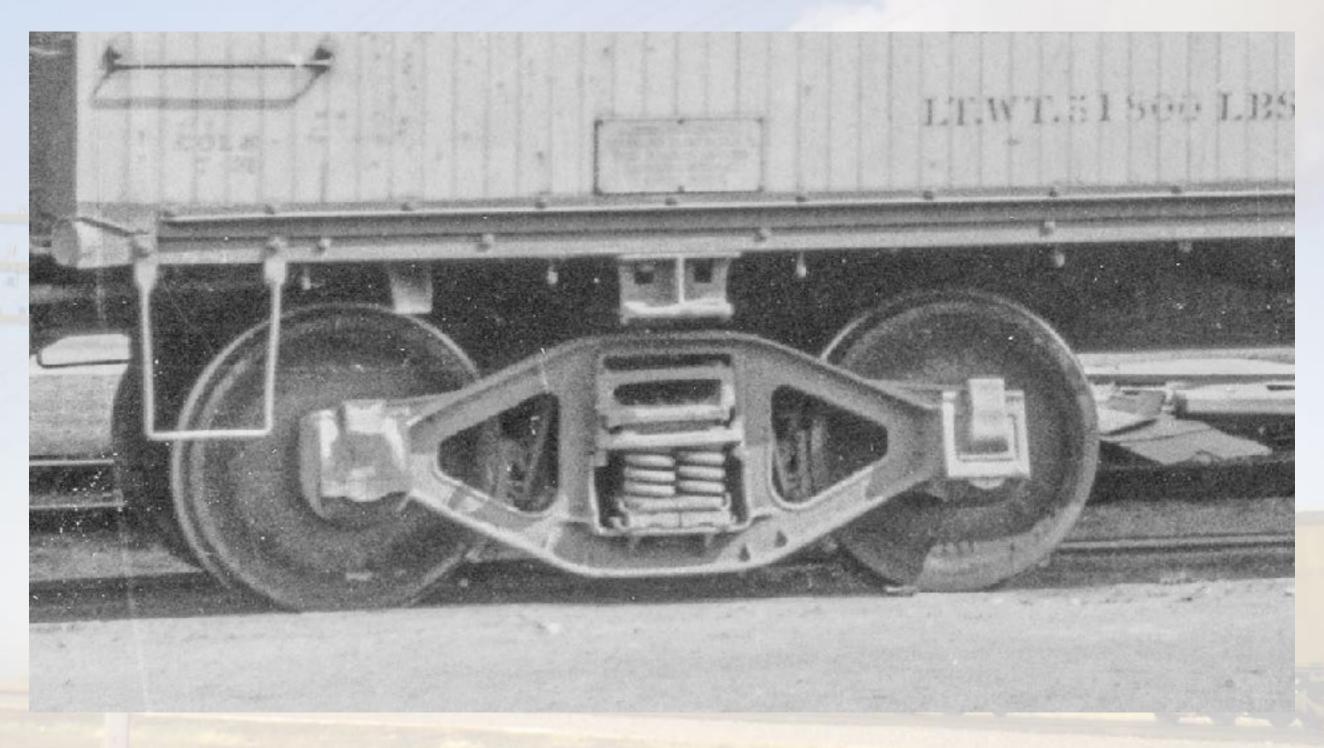
PFE had rebuilding programs in place throughout its history. The rebuilds that produced the -4** and -8 classes started the "modern" rebuilds that continued with the program of the late '30s through the late '40s that made up a major portion of the fleet well into the '50s.

See Pacific Fruit Express and Harley website

*PFE added 89 cars in class R-40-1 that were based upon an ARA design (SFRD adopted this design as their standard refrigerator car design of the late '20s and early '30s)

**there were both new and rebuilt -4 classes





Compare/contrast this with the "early" Bettendorf

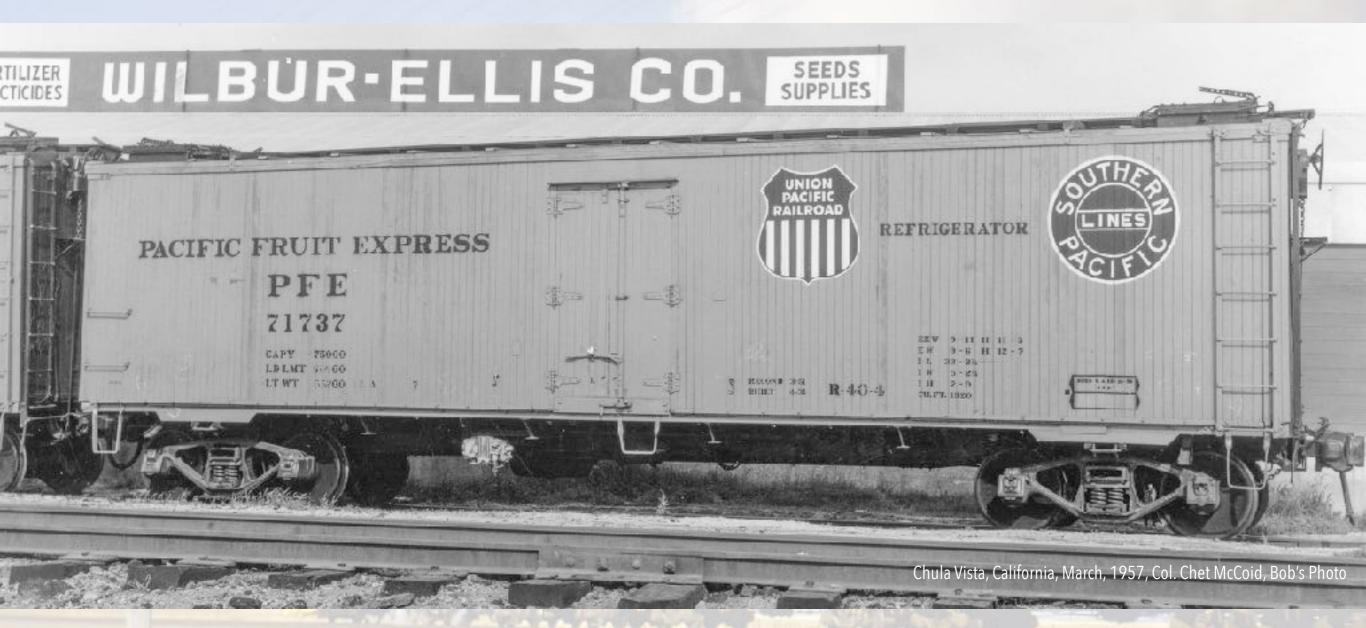
R-30-4 and R-40-4

The R-40-4 builds (new) and R-30-4 and R-40-4 rebuilds represented a significant shift in PFE car development through the introduction of steel for the superstructure of the cars. Other changes included improved insulation and power hand brakes (introduced for part of the R-40-2 class).

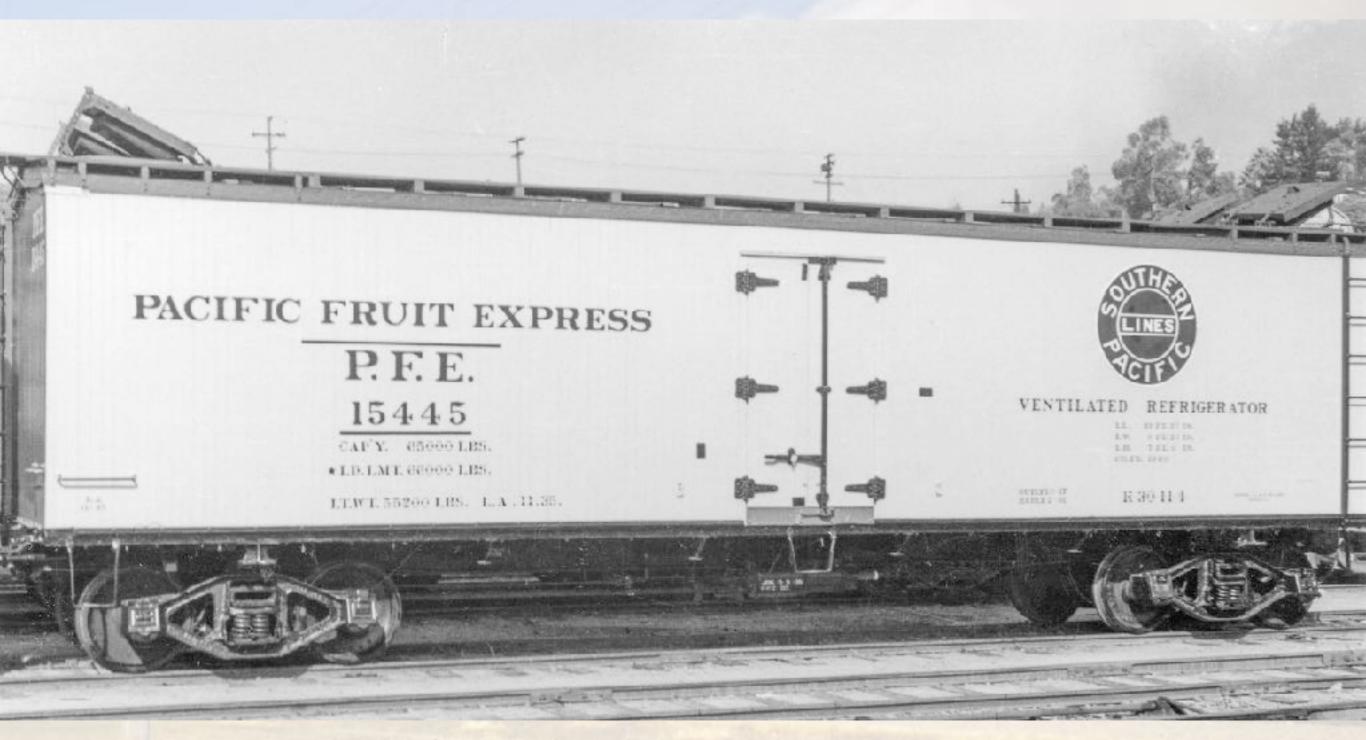
- New R-40-4 cars: 38563-39062
- Rebuilt R-40-4, 510 cars:
 - 71273-71300
 - 71359-71400
 - ●**7**1429-71500
 - ●**7**1586-71953
- Rebuilt R-30-4, 619 cars:
 - 13220-15919 and 19920-22519



PFE 71624 was one of the R-40-4s drawn from the R-30-2 to -6 classes and rebuilt to R-40-4 standards



PFE 71737 was (re)built in April, 1931 and reconditioned March, 1951



PFE 15445 was rebuilt in 1931 from an R-30-11 and designated class R-30-11-4, subsequently shortened to R-30-4 with the updating of painting and lettering (P&L) standards of 1944



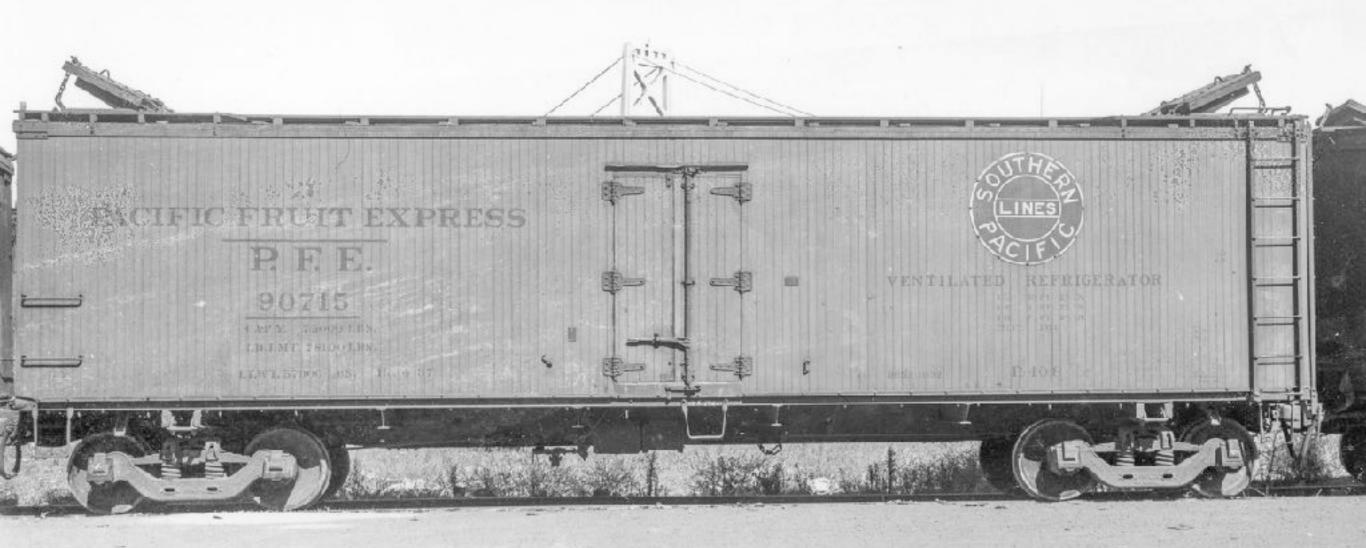
PFE 13415 was reconditioned (at the least) at Colton in March, 1950

R-30-8 and R-40-8

In 1931, PFE rebuilt 400 cars from R-30-2 through -6 classes to class R-40-8, car nos. 71954-72353. There were also 621 rebuilds of R-30-11 cars that retained the original underframes, but had bodies of the current -8 standards and were designated R-30-11-8. Ultimately, these were all assigned to series 90001-91021.



R-40-8



San Francisco, Will Whittaker

PFE 90715 was an R-40-8 built* in October, 1932. It is notable for the Simplex trucks and enameled sheet metal medallions screwed to the car side, introduced ca. 1928 and phased out ca. early 1937

*the R-40-8 rebuilds were stenciled "BUILT" as opposed to the rebuilt R-30-11-8 cars that were stenciled "REBLT." likely because the 30-ton cars retained the original underframes while the 40-ton cars retained little save hardware from the original cars

R-40-8



PFE 90609 is another newly rebuilt R-40-8 notable for its early National Type B trucks



PFE 90397 differs from the other -8 rebuilds shown in that it was rebuilt from an R-30-11, retaining the original 30-ton Bettendorf underframe

R-30-9/R-40-9

In 1938, PFE embarked upon an extensive program to maintain the 20,000+ cars from the R-30-12, -13, and -14 classes. The first group of such cars to be shopped were "reconditioned" in PFE parlance, which was distinct from rebuilding (like the rebuilt -4 and -8 classes shown previously), and involved renewing wood superstructure members (or replacing with steel ones post-1949) and replacing insulation. The reconditioned -9 cars also received ladders, power hand brakes, and replacement trucks, where needed. Early reconditioned -9s retained wood sheathed hatch covers and wood platforms, but as the program continued, the platforms were eliminated, and later cars received Equipco integral hatch covers. These refurbs also retained their KC schedule brakes

- Beginning in 1949, many -9s were again reconditioned, with steel superstructures, and in some cases, plywood sheathing on the sides.
- Only a handful of experimental -9s received circulating fans.
- Over 7,900 cars were refurbished as -9s, by far the largest of the late '30s through mid-to-late '40s rebuilds



This much-published Will Whittaker image shows -9 PFE 97680 with the PFE UP medallion in use from 1936 to 1942. Note this car has T-section trucks and retains its KC schedule brakes and received Equipco integral hatch covers. It was reconditioned at Roseville in April, 1940





PFE R-30-9 shown after repainting at Roseville in October, 1946 in the then-current P&L scheme. Note that it has been upgraded with AB brakes and retains its wood hatch platforms



PFE R-30-9 93151 was one of the -9s reconditioned in the late 1940s that received a steel superstructure as well as plywood sheathing. Note that it also has the additional support added at the body bolsters. It had wood sheathed hatch covers without platforms



This photo of R-30-9 98444 affords a great view of the 30-ton built-up underframe. It was equipped with Equipco integral hatch covers



This -9 illustrates the P&L scheme introduced in 1954. Also of note are the fairly long structural enhancements at the body bolsters



The original cars, as well as the first of the -9 refurbs, used wood platforms around the wood hatch covers, as shown on this R-30-12-9 (later simplified to R-30-9) PFE 95075

R-30-16/R-40-16

Given the long time period of the program, it was inevitable that there would be evolution to the upgrades of the cars. With the -16 class, PFE standardized on the Murphy roof with rectangular corrugated panels. The -16s also received steel superstructures, making the bodies "rebuilds" in PFE parlance. Other specialties included Equipco integral hatch covers (standard on rebuilds going forward) and AB schedule brakes on the last 2,357 cars.

The -16s were the second largest group of rebuilds with 3,553 cars (nos. 73001-76554) rebuilt in

There were also several other interesting details:

1941-1942

- Convertible ice bunkers in 10 cars (75643-75652)
- Dreadnaught ends on five cars (75648-76554)
- Plywood sheathing and lining on 100 cars (74096-74195)
- Preco Model G-2 fans on 500 cars (76005-76504)





PFE 73342 was a -16 that was repainted shortly after its rebuilding, although the reason is not evident. It retained its KC schedule brakes



PFE 73351 was a -16 repainted in 1947 in the '1946' P&L scheme. It still had its KC schedule brakes. It used a 30-ton built-up underframe

R-30-18/R-40-18

The -18 rebuilds continued the evolution in specialties. There were 2,500 in this group, car nos. 62001-62500, rebuilt in 1942-1943.

Details different from the -16s:

- Dreadnaught ends
- Convertible bulkheads
- All equipped with AB brakes

R-40-18



This R-40-18 illustrates the Dreadnaught ends standardized on the -18 rebuilds. This car has the '1946' P&L scheme, but has the not uncommon reversed white and red in the Union Pacific medallion

R-40-18



This R-40-18 illustrates a 'hybrid' 1950 P&L scheme. The "STAGE ICING" stencil in 2-inch letters at upper left. In 1950 P&L standards this text should have been to the left of the reporting marks

R-30-19/R-40-19

The -19 rebuilds were nearly identical to the -18s; the major difference was the switch to steel running boards. The 1,000 cars of this class were rebuilt in 1944-1945 and placed in the series 62501-63500.



R-30-19



PFE 63448 was photographed in the mid-60s, by which time it had received Preco circulating fans

R-30-21/R-40-21

The -21 rebuilds were noteworthy for the widespread adoption of mechanical fans for air circulation. The cars were equipped with Equipco and Preco models (replaced in the early 50s with Preco AA-19 electric fans). Volumes of the *Official Railway Equipment Register* prior to January, 1953 did provide the details about model and manufacturer for the installation of fans (I am uncertain of when this was ceased.) There were 2,420 of the -21s in series 63501-65920, rebuilt between 1945-1947.



PFE 65544 was a -21 rebuild equipped with Preco FG-21 mechanical fans. Also, note the red and white stripes reversed in the UP medallion

R-30-21



PFE 64256 was rebuilt prior to the change to the 1946 P&L standards and has single medallions on either car side. It was equipped with the Preco G-17 fans

R-30-21



PFE 64973 represents one of the class late in its service life. Note the enhancements at the body bolsters

R-30-24/R-40-24

The -24s were the last class of the rebuilds, with 2,610 cars rebuilt in 1947-1948, car nos. 65921-68532. They continued the evolution, incorporating Improved Dreadnaught ends, new trucks, diagonal panel Murphy roofs on the last ~200 cars, and full-height door openings. They were also notable for the use of plywood sheathing, although many cars were resheathed with tongue and groove siding in later years. They were equipped with Preco FG-41 and FK-2 mechanical circulating fans





This image of PFE 67063 shows the Improved Dreadnaught ends to excellent advantage

R-30-24



The full-height door openings and new trucks (ASF A-3 Ride Control) are evident in this image, along with the plywood sheathing

R-30-24



This early 60s photo shows a car with replacement tongue and groove sheathing. Of interest are the "clean" replacement sheathing boards



Western Pacific



Western Pacific's contribution to the PFE fleet was 2,775 cars built in 1923-1924 that were similar to the R-30-13 class. The WP cars were reconditioned with new wood superstructures at the same schedules as other cars. However, by the late 1940s, the cars were again in need of repairs, with WP requesting the minimum capital outlay possible. They agreed to rebuild 900 cars to current standards; only 899 met the minimum standards. The cars were rebuilt with steel superstructures and received Preco AA-15 electric fans. WP rejected steel ends, Murphy panel roofs and Equipco integral hatch covers.

The Steel Cars

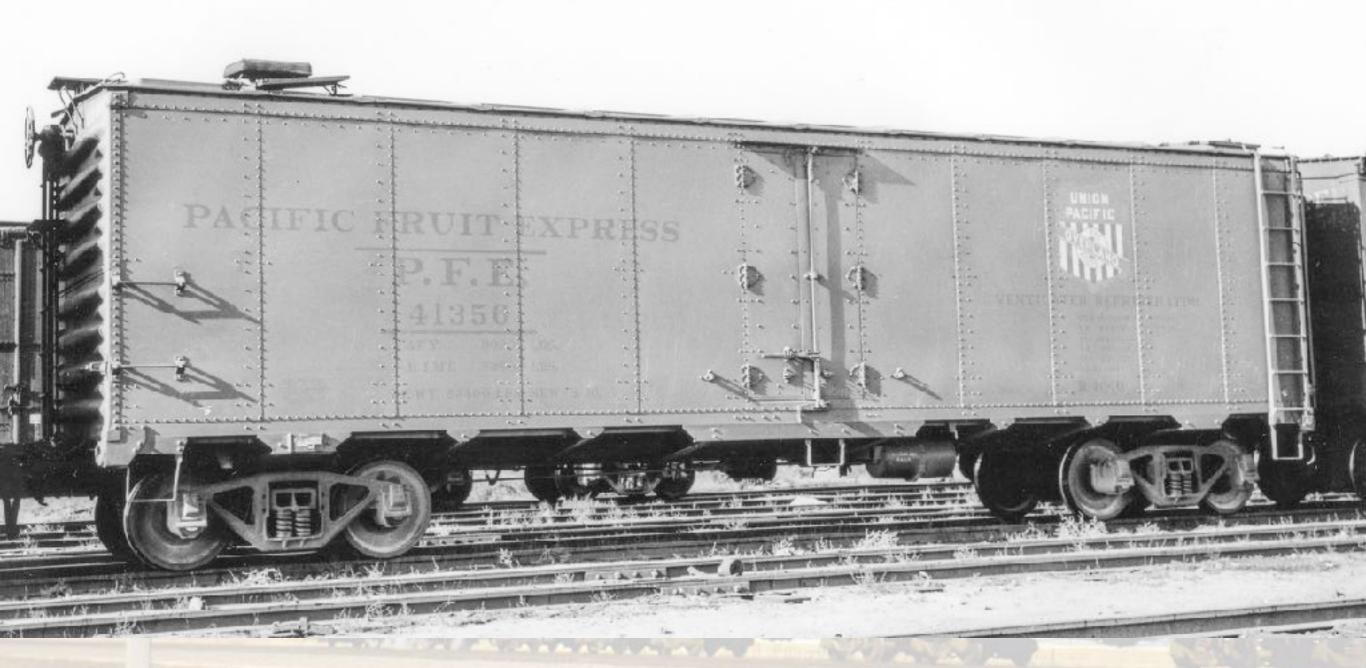
- ARA-Inspired
- War Era
- Postwar

The R-40-10 was PFE's first major foray into all-steel cars and it jumped with both feet, building/acquiring 4,700 cars in 1936-1937. The cars closely followed the ARA box car design of 1932 with trademarks including angle side sills with "tabbed" side sill supports, square corner Dreadnaught ends, Murphy rectangular panel roofs, and AAR-design underframe members. Refrigerator car-specific details included non-integral steel hatch covers, increased insulation in both the walls (3 inches) and roof and floor (3.5 inches), fiberglass insulation in the floors and "Dry Zero" (Kapok) in the sides, ends, and roof, increased floor rack height of 6 inches, as well as many truck and power hand brake types.





One of the PFE-built cars right after being placed into service



As-built car with early Barber trucks and delivery paint scheme with "Overland" UP medallion



This car was repainted in 1942 and displays the 1942 P&L scheme including updated UP medallion



PFE 41897 was repainted at Tucson in May, 1947 in the 1946 P&L scheme. Also of note are the early National Type B trucks



In 1941, Pacific Car & Foundry delivered 1,000 cars that were quite similar to the R-40-10, with several enhancements. The cars were placed in the series 44701-45700 and assigned to class R-40-14. Changes from the -10 class included round (W) corner Dreadnaught ends, Equipco integral hatch covers, convertible ice bunkers, plywood lining, and placard boards.





R-40-14 PFE 45000 was repainted at Tucson in 1945. Note the placard board to the right of the door. Placard and route card boards were not used on the R-40-10 class at building



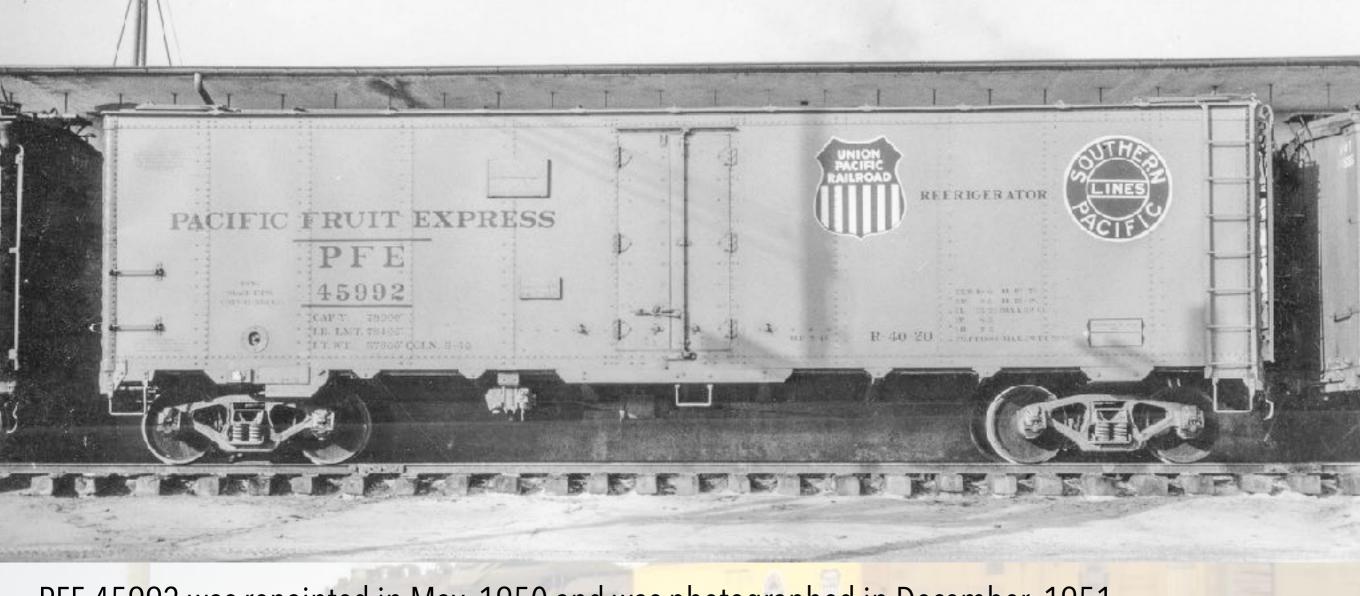
One interesting detail of dirty refrigerator cars is the stark contrast of freshly painted patches, such as the one here for the reweigh stencil

The R-40-20 class was delivered during the war, in January through April, 1945, car numbers 45701-46702*. They were nearly identical to the R-40-14 with the most visible difference being the larger route card boards were mounted to the left of the doors as opposed to at the left body bolster. A far less discernible detail was that the -20s were 1.5 inches taller. The R-40-20 was also notable for the introduction of "herringbone" floor racks with the slats oriented at a slight diagonal. The R-40-20s were equipped with Preco FM-2 electric fans beginning in 1950.

*Car nos. 46701-46702 were built by Consolidated Steel



PFE 45819 was still in its delivery scheme when photographed in late September, 1951



PFE 45992 was repainted in May, 1950 and was photographed in December, 1951

The largest order of PFE steel ice-cooled cars was the 5,000 R-40-23 class delivered in 1947. The cars were assigned to two series: 46703-48702 and 5001-8000. They were the first class to be built new with fans, Preco FG-36, the first to employ welded underframes, and the first new PFE cars with Improved Dreadnaught ends. The cars were equipped with ASF A-3 Ride Control trucks that were quite favorably received by PFE. The cars were built with high-strength steel which offered benefits in weight, but were less corrosion resistant. Lastly, these cars used "blind" offset plywood walls that mitigated heat transmission and improved circulation (used on all subsequent PFE ice-cooled cars).



R-40-23 PFE 47612 shown soon after building. Note the locations of the placard board and route card board (at the left body bolster) as well as the ASF A-3 Ride Control trucks. These cars were the first built new to employ the 1946 P&L scheme with both medallions on each side of the car body



The R-40-23 class was the first PFE class to employ Improved Dreadnaught ends, as shown here

The R-40-25 class, built in 1949, was very similar in looks to the R-40-23. Major differences included diagonal panel Murphy roofs, Improved Dreadnaught ends with a narrow corrugation at the top of the ends and straight, horizontal bottom on the uppermost main end corrugation, Preco FK-6 mechanical fans, and stationary ice bunkers. One P&L change was that all side hardware, including ladders, hinges, grab irons, placard and route card boards, and end sill steps were painted the same color as the side instead of black. Side sill support "tabs" and the center steps below the doors remained black.







Once repainted, the side sill support "tabs" and the center sill step below the door opening were also the same color as the car side

The R-40-26 class represented a significant nod to the future. While they were dimensionally similar to the previous couple classes of new cars, they departed in some significant ways. They incorporated Youngstown flush-closing "plug doors" with six-foot door openings. They were the first PFE cars built new with overhead electric fans (Preco Model AA-2). The -26 also used floor racks with metal slats. Insulation was entirely fiberglass, another first for PFE. The -26s were the first new PFE cars to be decorated with the 1950 P&L scheme (technically, a slightly modified 1951 P&L variant).



The most obvious difference in this image is the wide, flush-closing door. Also, note the updated P&L scheme with the new UP medallion and the 1951 update where the periods were dropped from the reporting marks



This excellent image with its low lighting highlights many of the details of the welded underframe. Note the updated paint and lettering with the lines dropped above and below the reporting marks.

The "Other" Cars

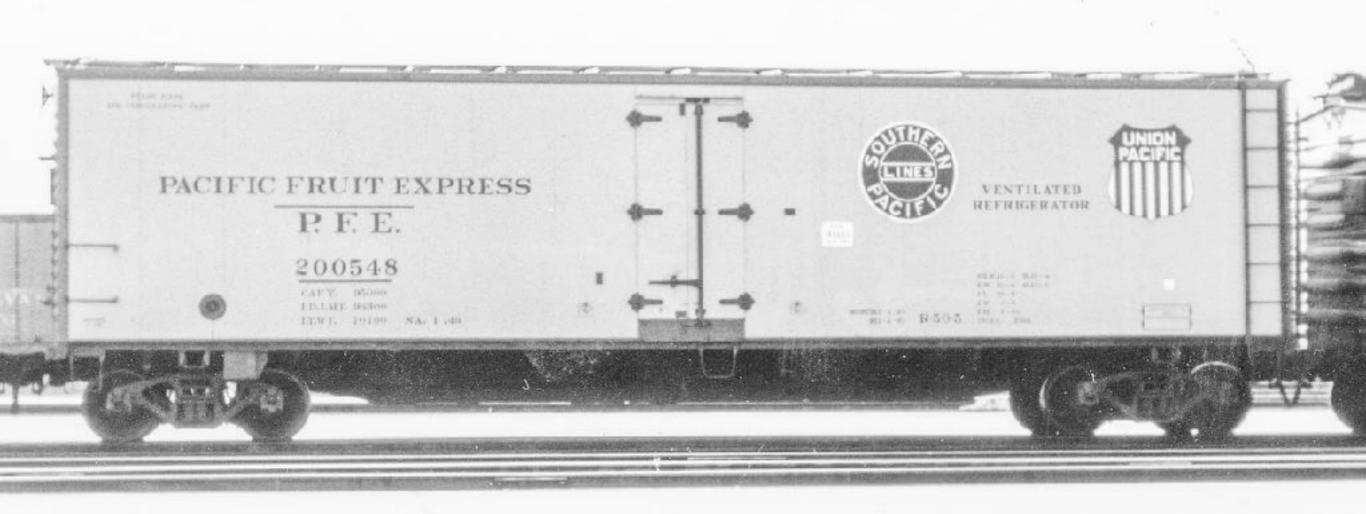
- Frozen Food Heavily Insulated
- Express

R-50-3 and R-50-4



In 1941, 100 cars from class R-50-1 were rebuilt with steel superstructures, integral hatch plugs and covers. The first 75 had stationary bulkheads and were assigned to R-50-1-4 and the last 25 had convertible bulkheads and air circulating fans and were assigned to class R-50-1-3. PFE 100450 was one of these cars and when photographed in 1956, the class designation had been truncated to R-50-4 and it was equipped with Preco G-3 air circulating fans.

R-50-5



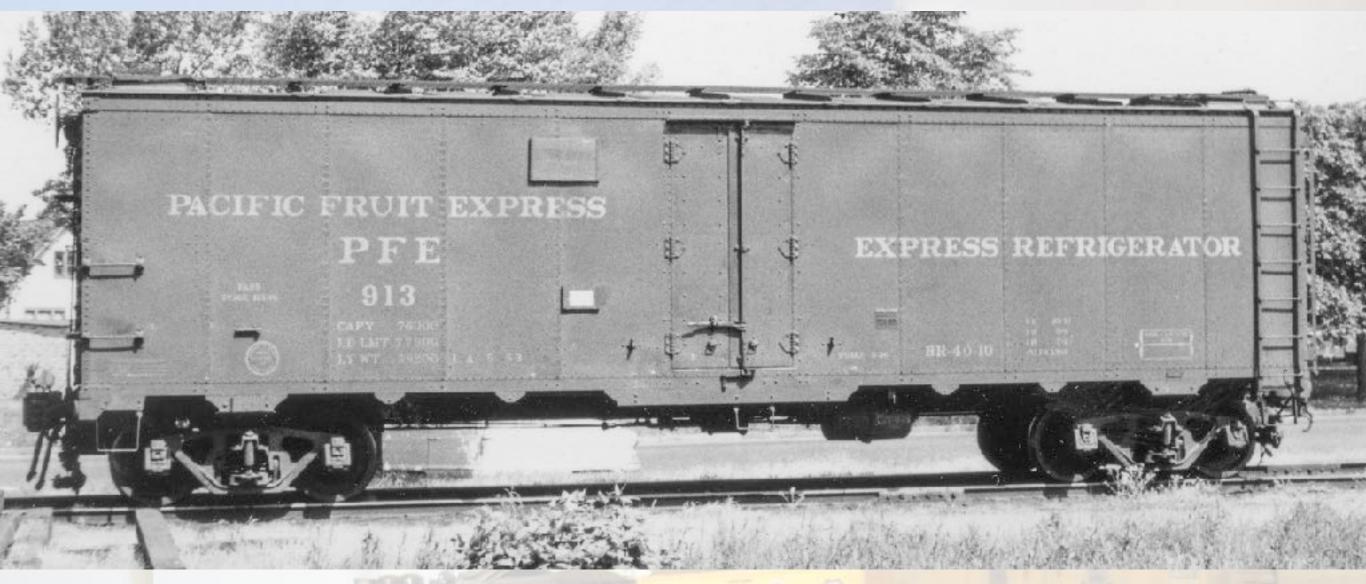
Rebuilt from R-50-1 class at Nampa between 1945-1947, car nos. 200301-200375 (tongue and groove and circa 1945 lettering) and 200379-200587 (plywood and circa 1946 lettering) with air circulating fans and seven-inch insulation for frozen food service. Note the reversed red and white in the UP medallion.

BR-1



Built 1923-1924 by AC&F and General American for express service in passenger consists, car nos. 500-799. In 1952, 55 cars received heavy repairs and in 1954, 83 cars were rebuilt at Nampa, including steel superstructures, increased insulation, Preco electric fans, and steel channel side sills

BR-40-10



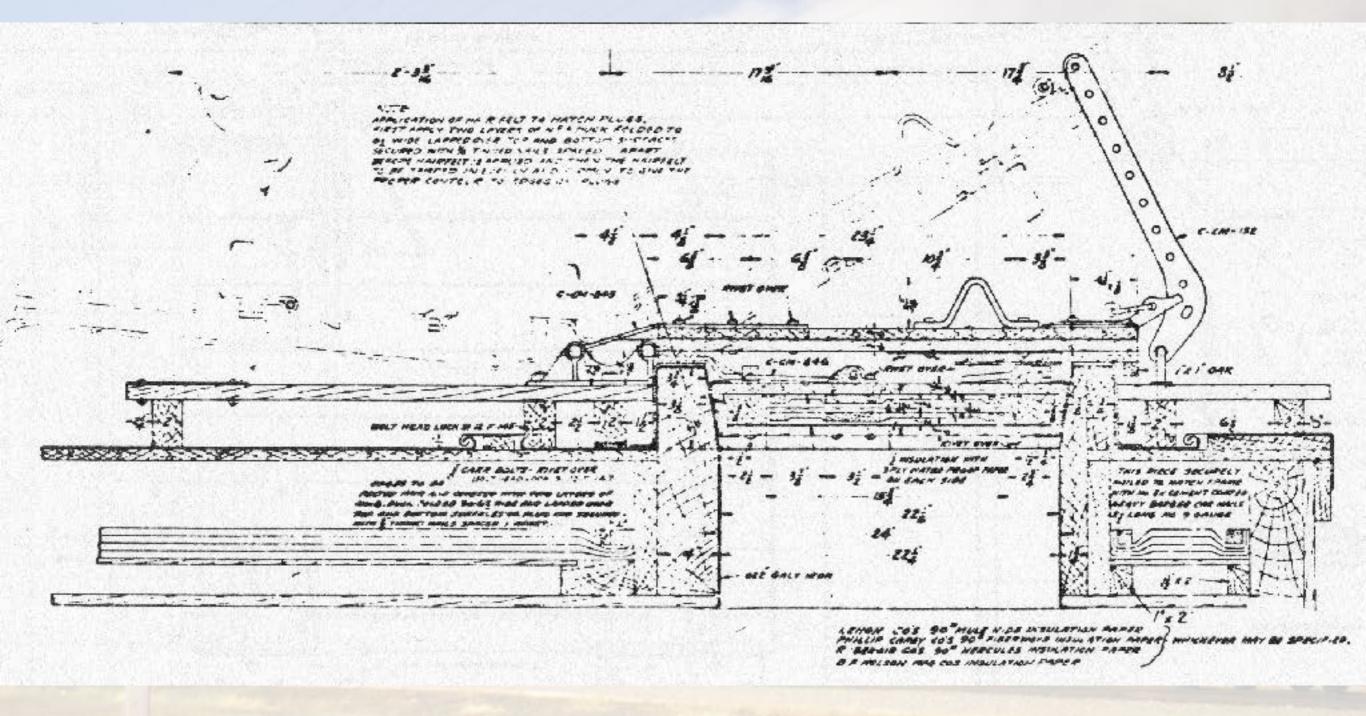
In 1952, Railway Express Agency experienced a shortage of express refrigerator cars. To help alleviate the strain, PFE modified 50 R-40-10 reefers for express service. Changes included addition of steam and signal lines, steel running boards, electric fans, and Chrysler FR-5-D or Symington-Gould Type XL express trucks

BR-40-10



Detail Considerations for Modeling

By far the most common hatch lever on cars with wood hatch covers as well as the R-40-10 class was as shown in this drawing, with its wide, gentle curve at the elbow, different than all the available parts in HO





The lower left push pole pocket casting was removed from cars that were refurbished, rebuilt or reconditioned with ladders...

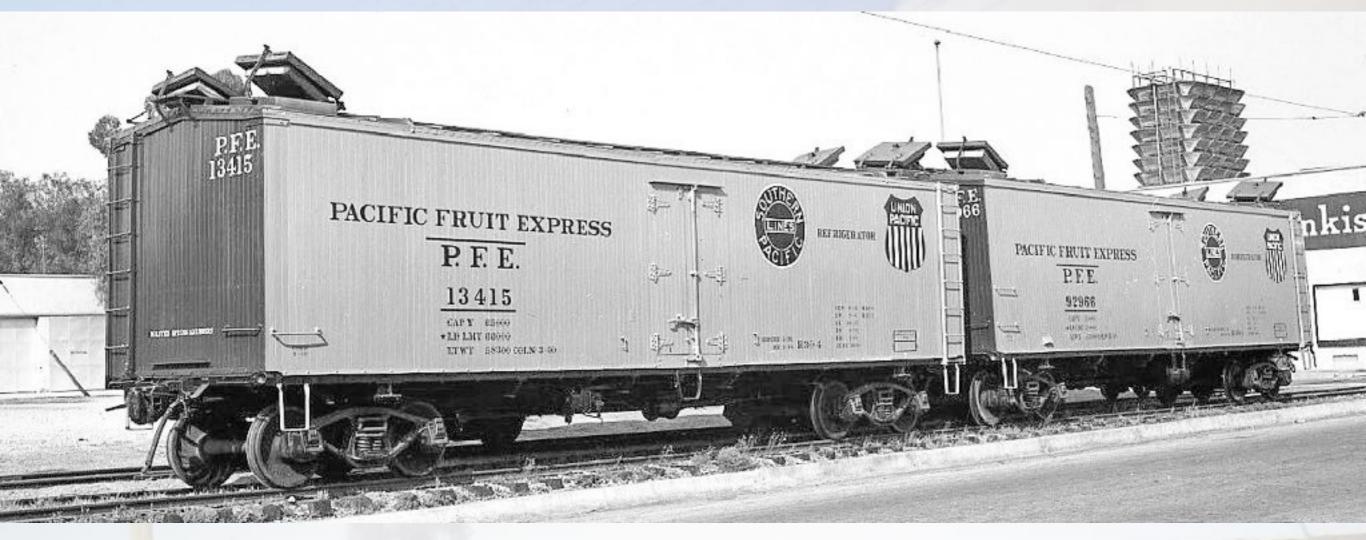




Ladders on the R-30-4/R-40-4, R-30-8/R-40-8, R-30-9/R-40-9, and R-30-16/R-40-16 used the arrangement as shown at right, with brackets at top and bottom, the angled leg on bottom of the right stile on the end, and the additional angle on the bottom of the left stile on the end to which the uncoupling device was mounted



R-30-4 Modeling



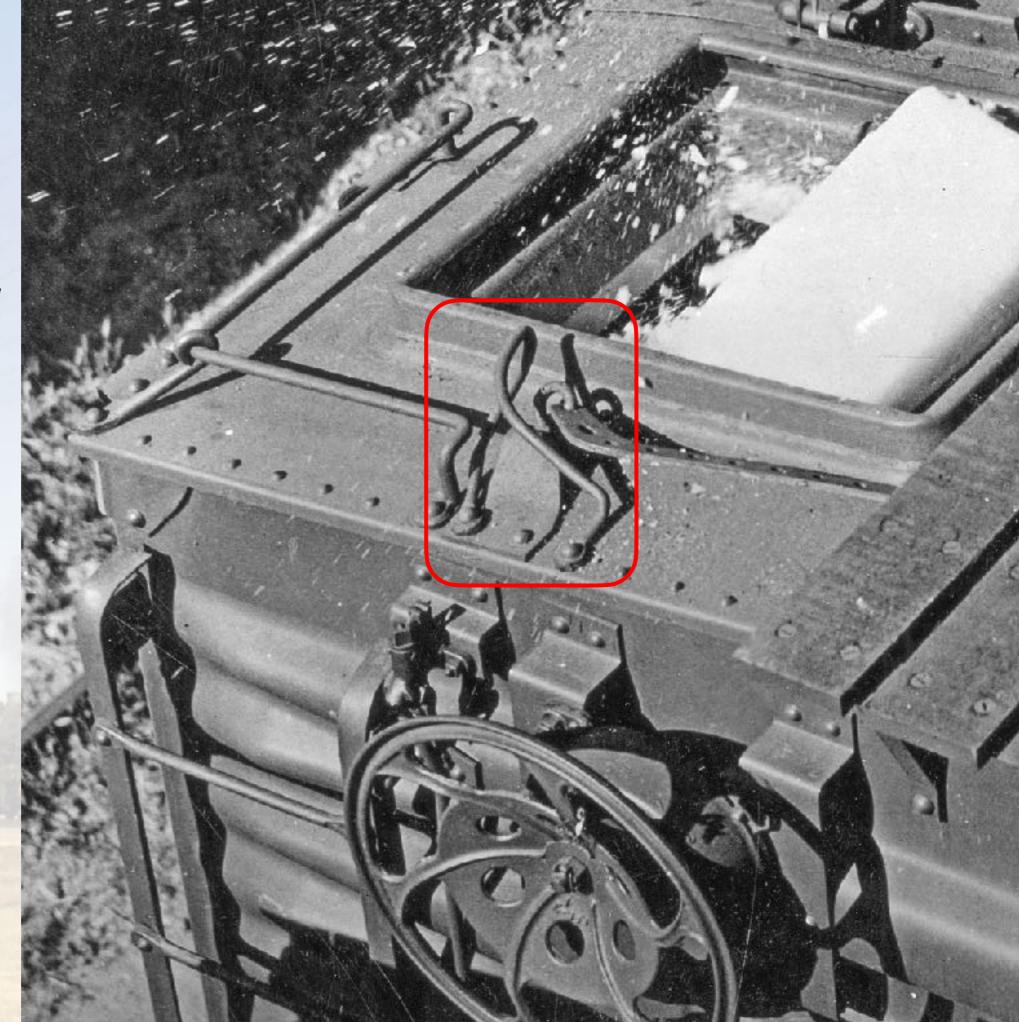
When Red Caboose first offered R-30-12-9 (later R-30-9) reconditioned versions of the their R-30-12, they made an (fortuitous) error and tooled the cars the same height as the original R-30-12 models, making them incorrect for the taller -9s. The subsequently retooled -9 to the correct height, but the original incorrect models can be used as quite convincing R-30-4 models. Compare the height of this R-30-4 to its cousin R-30-9 PFE 92966 to its right. Red Caboose's error is your win!

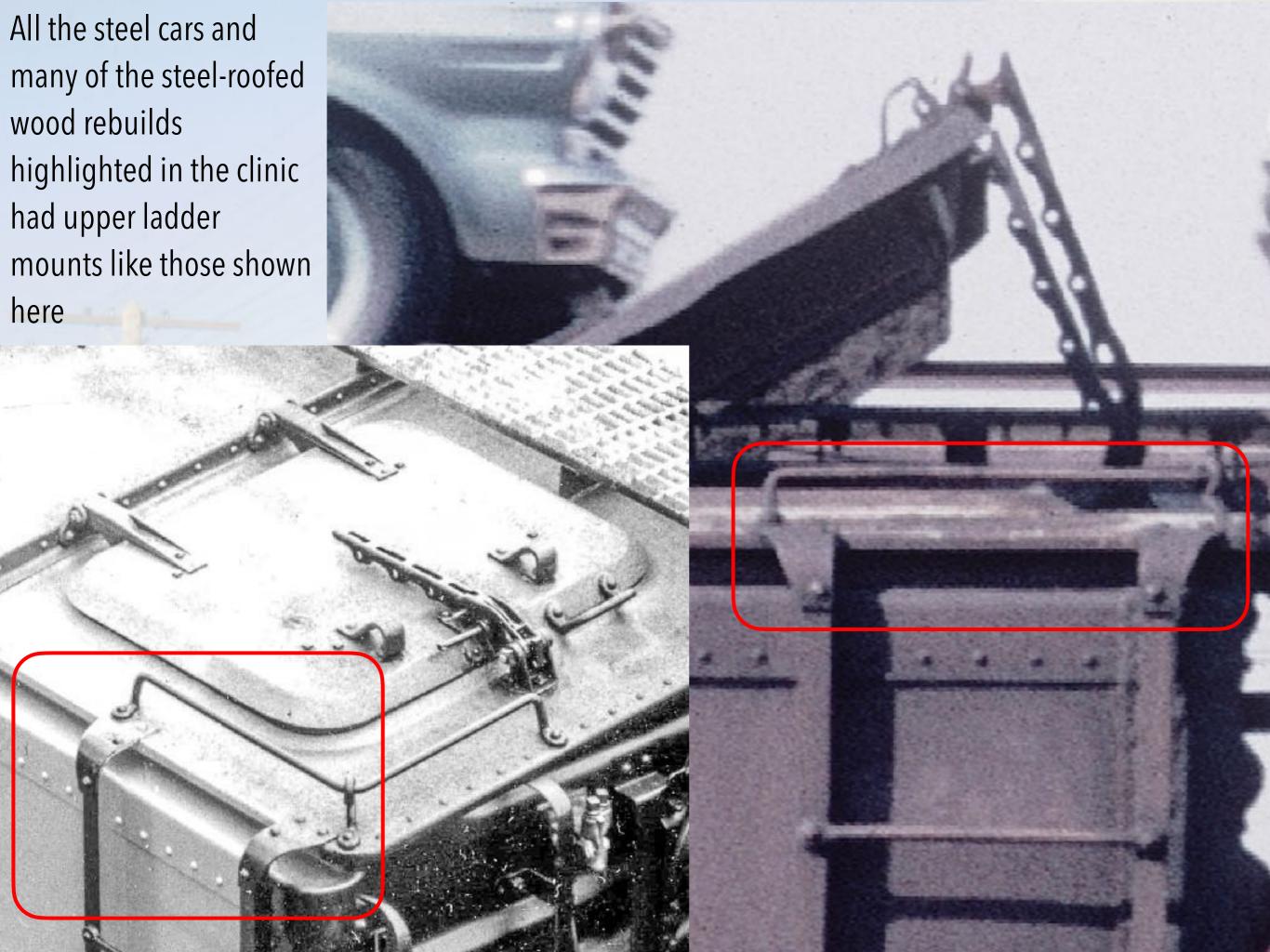
Red Caboose 4000 – R-30-4

Note difference in height

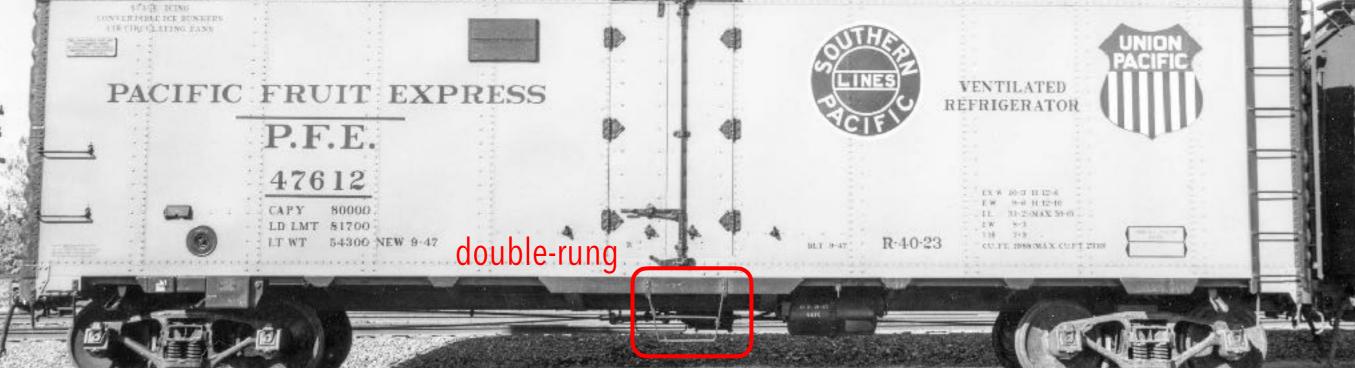
Red Caboose 4200 – R-30-9

The R-40-10 had this interesting fixture to presumably prevent the hatch lever from remaining in the "up" position, creating a safety hazard

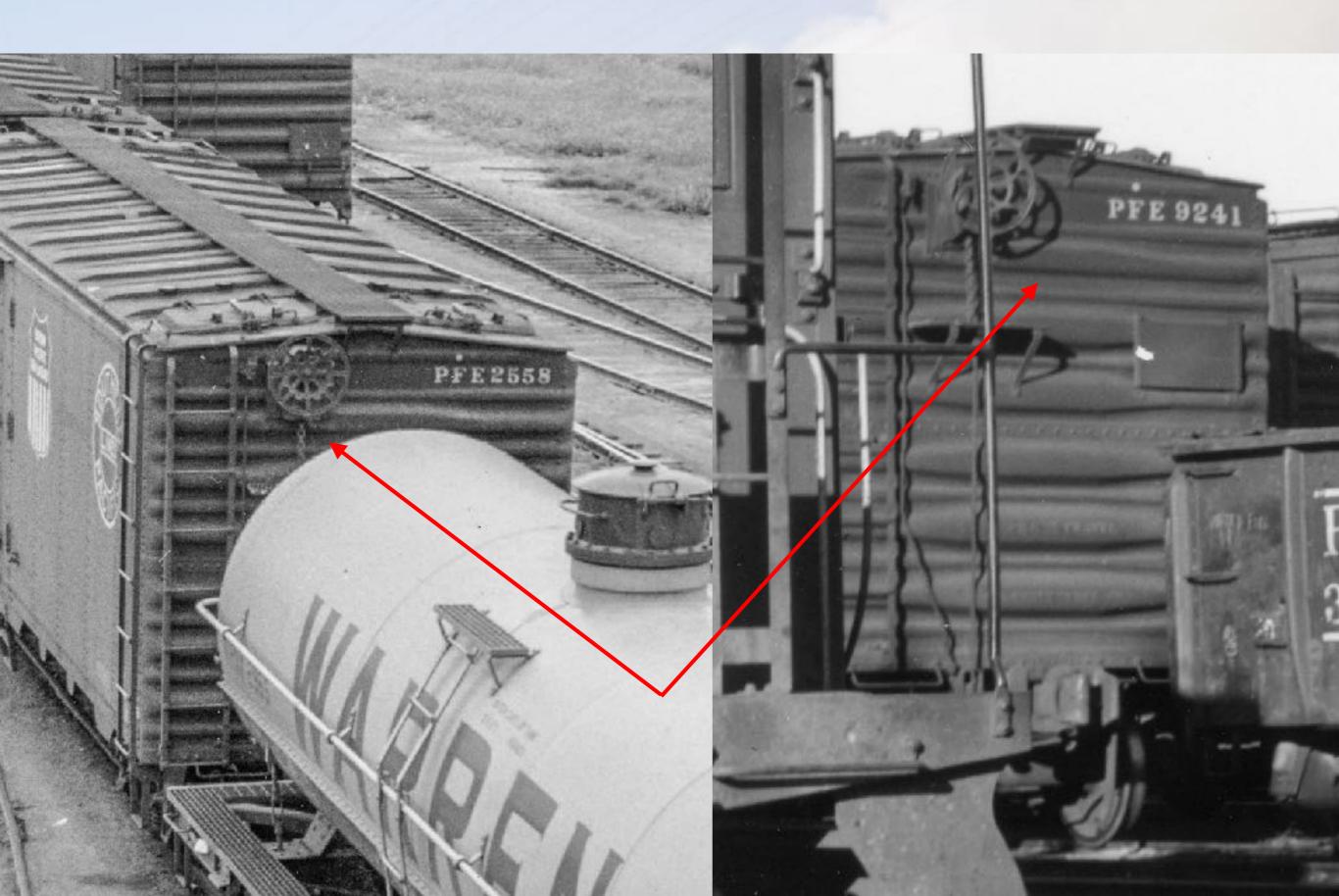




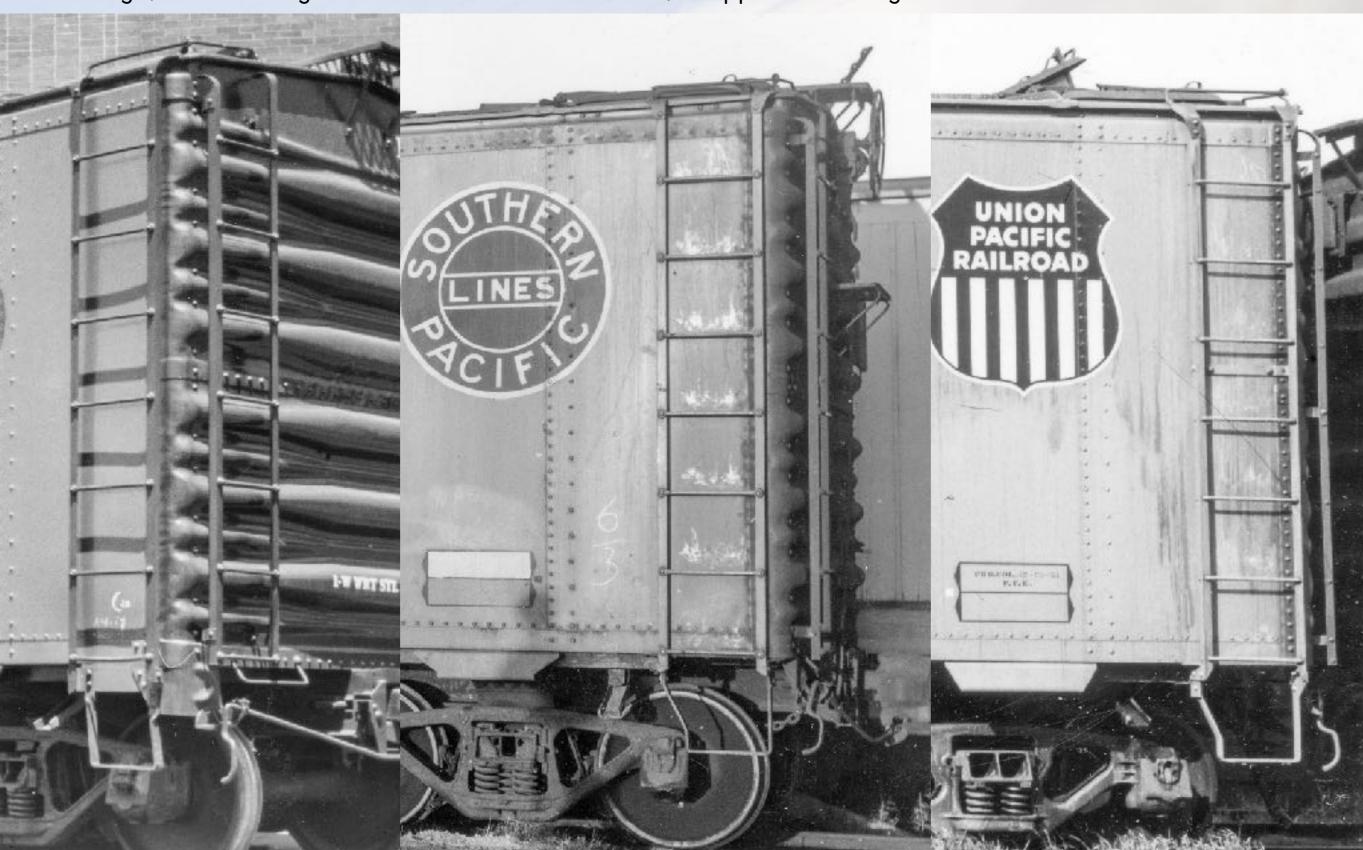




The uppermost main rib on the ends of the R-40-25 and -26 is flat along its bottom edge



The ladders and sill steps of the R-40-23, -25, and -26 (shown L to R, respectively) represent an evolution. The bottom of the ladders and the steps on the -23 are attached to a small bulb angle below the side sill; those on the -25 and -26 are attached to the bottom of the side sill via riveted shapes, similar to a PS-1 box car. The ladders on the -26 are of a Wine design, with the rungs secured into holes in the stiles, as opposed to using treads that are riveted to the stiles.



Class	Manufacturer	Notes
R-30/40-9	Sunshine	kits 25.7 25.34
R-30-9	Red Caboose	4100 or 4200-series; Bettendorf underframe
R-30/40-9	Red Caboose	w/ Tichy or PFE* underframe
R-30/40-16	Sunshine	kits 25.59 25.67
R-30-16	PFE*	
R-30/40-16	PFE*	w/ Tichy or PFE* underframe
R-30/40-18	Sunshine	kits 25.35 25.43
R-30/40-18	PFE*	built-up underframe; RTR from Intermountain
R-30/40-19	Sunshine	kits 25.44 25.49
R-30/40-19	PFE*	built-up underframe; RTR from Intermountain
R-30/40-21	Sunshine	kits 25.50 25.58
R-30/40-21	PFE*	built-up underframe; RTR from Intermountain
R-30/40-24	Sunshine	kits 25.68 25.71
R-30/40-24	Scale Trains (ex-MTH)	SXT1257-SXT1259
R-40-23	Intermountain	40599 (undec kit); RTR available
R-40-25	Intermountain/Amarillo	ends not accurate
R-40-26	Sunshine	ends not accurate
R-40-4	Tichy	kit 4024
R-30-4	Red Caboose	"short" kit - 4000-series
R-50-5	Sunshine	kits 25.72 25.74
R-70-2	Sunshine	kits 25.1 25.3
R-40-10	Sunshine	kits 46.1 46.6
R-40-10	Intermountain	41799 (undec kit); RTR available
R-40-14	Intermountain	kitbash
R-40-14	Athearn	kitbash
*PFE = Pacific Frei	ght Enterprises	







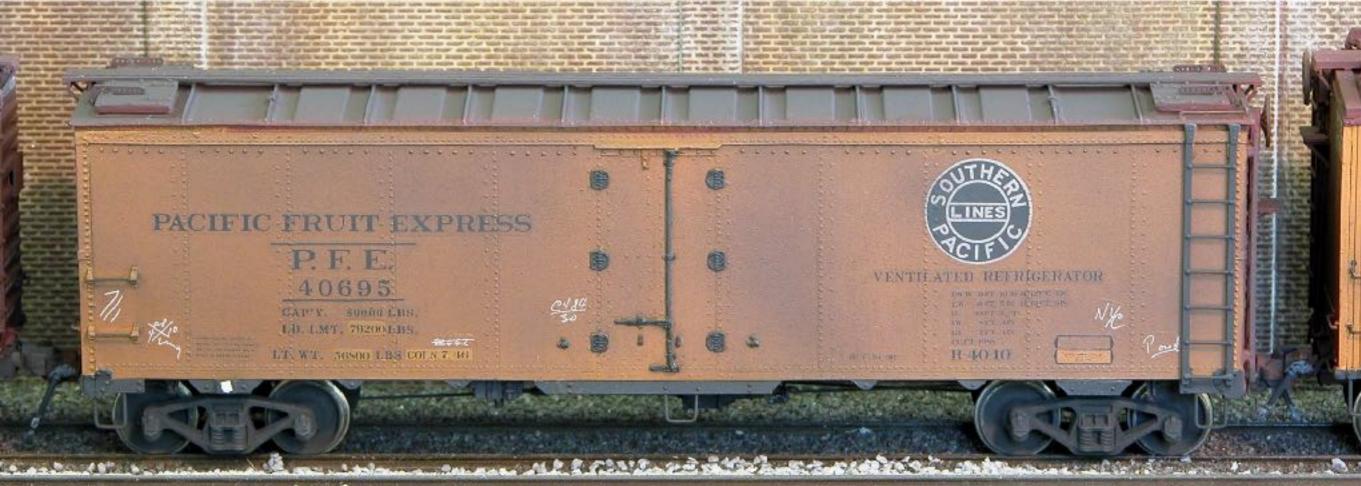
Pacific Freight Enterprises R-30-12-18



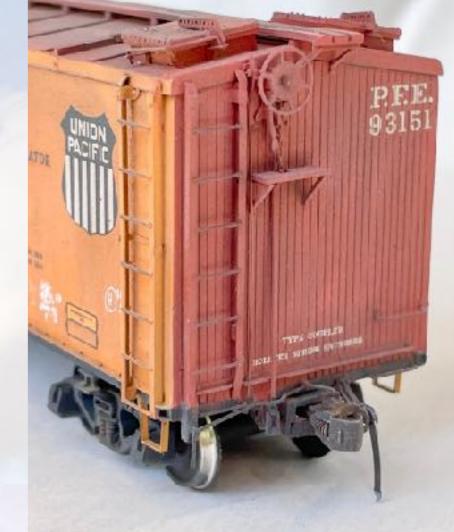


Sunshine Models R-40-10











Kitbashed R-40-14





Kitbashed R-40-14





References

- Pacific Fruit Express by Thompson, Church, and Jones
- Southern Pacific Freight Car Painting and Lettering Guide by Harley and Thompson
- Dick Harley's <u>online resources</u>
- Modeling the SP (Tony Thompson's blog)
- Modeling the SP (Bob Chaparro's site)
- Prototype Railroad Topics (my blog)

Thank you

Andy Carlson
Bob Chaparro
Dick Harley
Richard Hendrickson
Frank Peacock
Anthony Thompson
Terry Wegmann
Bill Welch

This will be posted to <u>prototopics.blogspot.com</u>