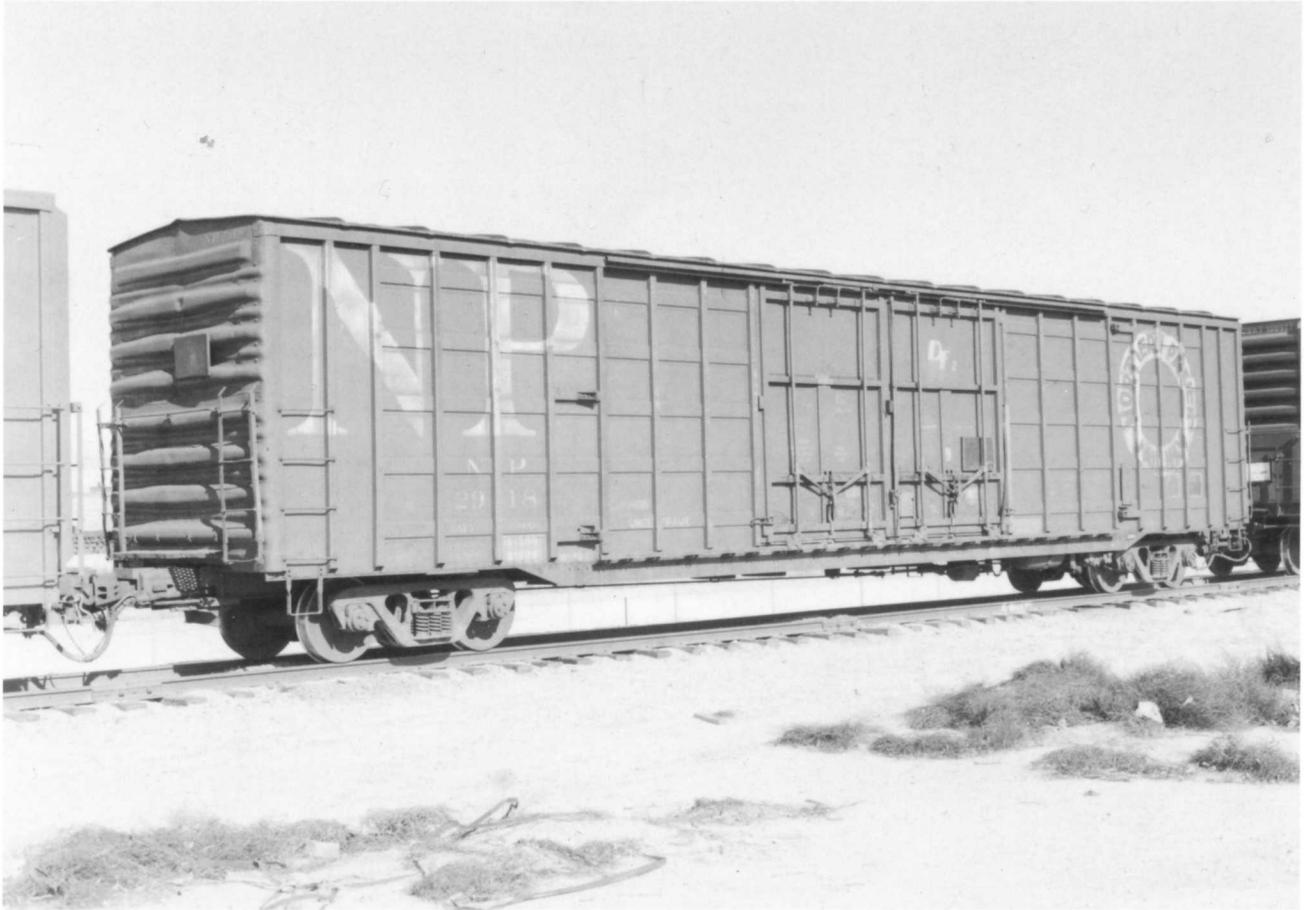


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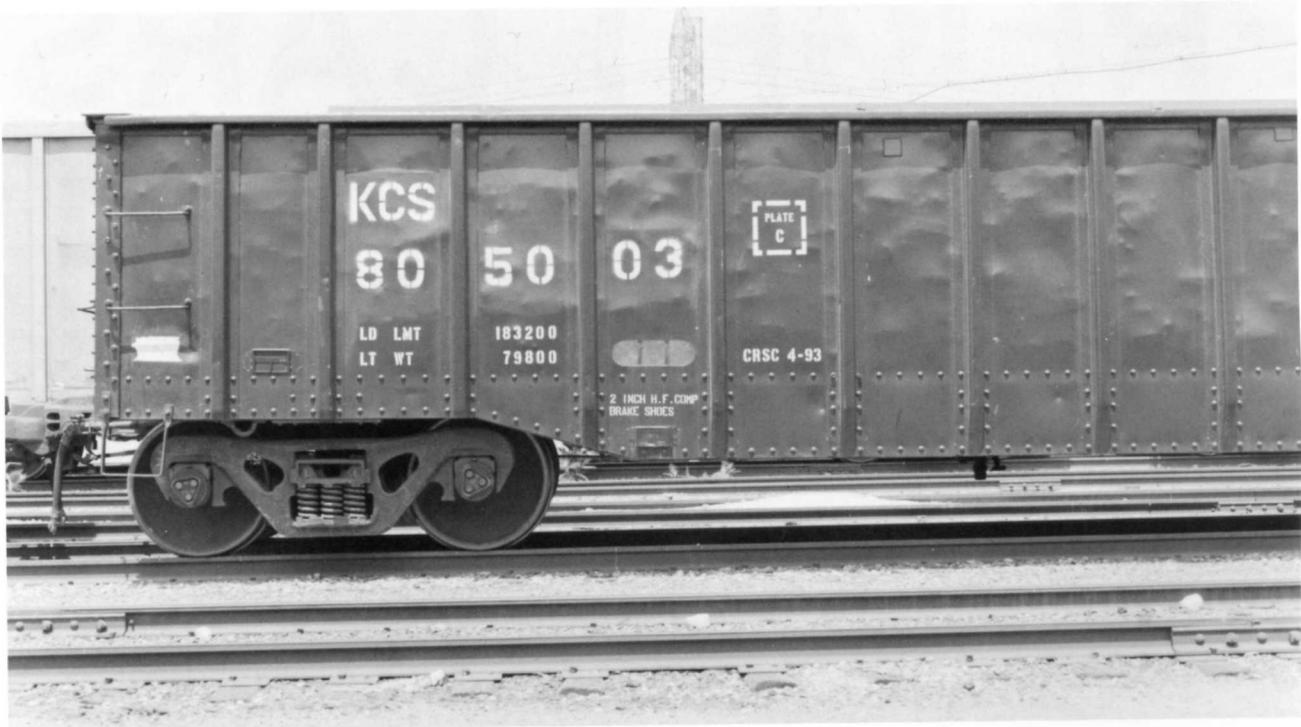
WAFFLE SIDE BOX CAR PICTORIAL

65-Foot Gondola Pictorial 2

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65-Foot Gondola Pictorial 2 (Continued on Page C3)



KCS 805003 (Above). Photo section 1 left side detail showing side posts numbers 1-9. Note the rivets at the floor line, bottom, and on side posts below floor line.

KCS 805003. (Below) Photo section 2 Left-middle detail showing side posts numbers 7-16. Note the cut-outs located just above floor line.



Waffle-Side Box Car Pictorial



AR 1599 (Above) is the last car of the series AR 1500-1599 (100 cars). It was built by SIECO's Ashland City plant in 1979. Note the four widely spaced rows of waffles. The ends are non-terminating (recessed) riveted to the sides (instead of welded). *Mike Foley* photo.

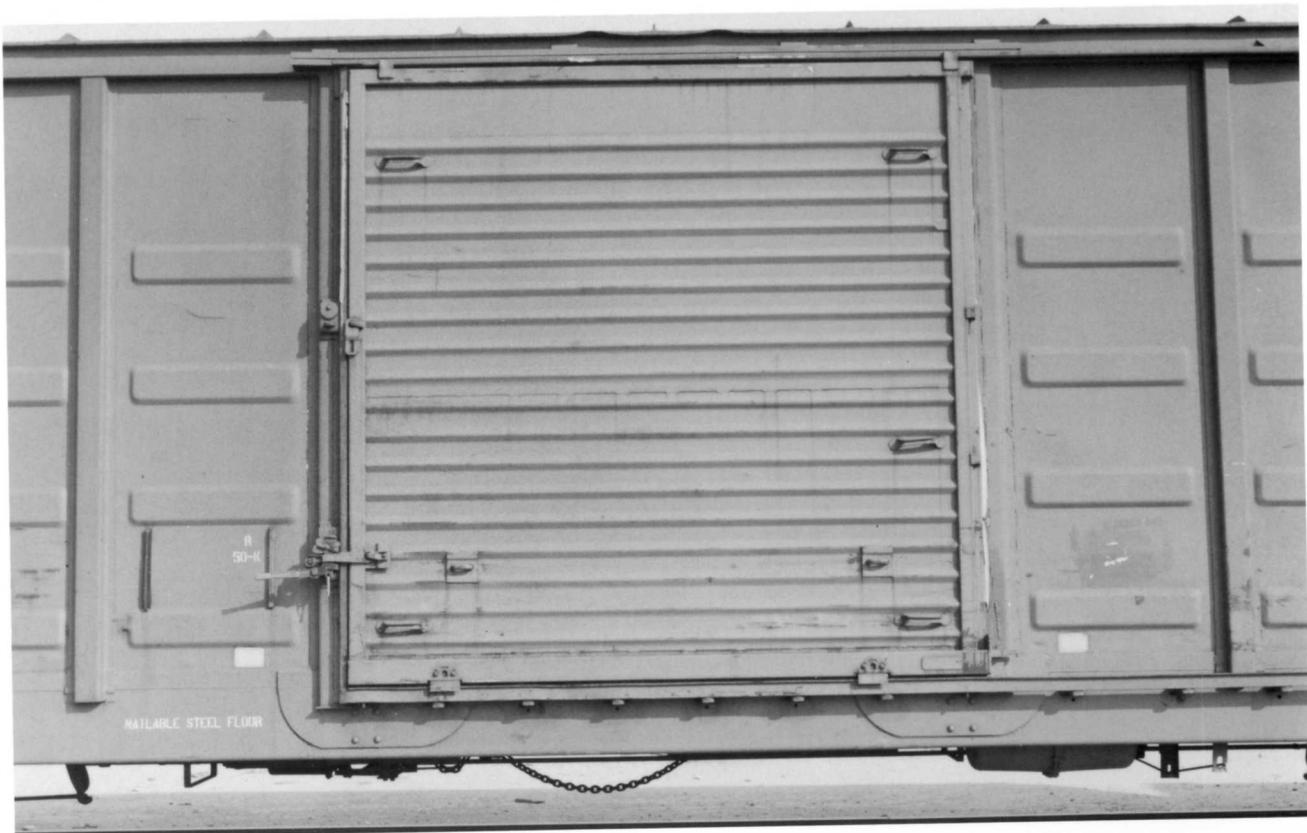
ATSF 611409 (Below) is part of the ATSF 611400-611699 (300 cars) series. Built in 1975 by Pullman-Standard. This is a 60'9" IL Plate C box car. Door opening is 10'6" x 10'4" (WxH). The sliding door width size is very uncommon in modern box cars. Note peaked roof, twelve post sides and 5/5 PS rolled end. The four rows of waffles occupy all the panels.





ATSF 611409 (Above). Left side detail. The cars are equipped with nailable steel floor. Notice how the four rows of waffles are placed toward the bottom of the sides.

ATSF 611409. (Below) Detail of door and door area illustrates the characteristic Pullman-Standard door gussets. This size of sliding door (10'6" wide) is very uncommon on modern box cars.





ATSF 611409. (Above). Detail of right side. Cubic-foot capacity is stencilled as 6,348. Note the large jack pad on the side sill just above the truck.

BAR 5170 (Below). Series, BAR 5110-5199. This car has 5/5 rolled corrugation ends, ten side posts, and four rows of waffles. Door opening is 9'0" by 10'4".





BPRR 1222. (Above) Detail of left side. Series is BPRR 1200-1249. This was built in April 1969 by Pullman-Standard as part of the CNW 160000-series. BPRR is the Buffalo & Pittsburgh Railroad, Inc.

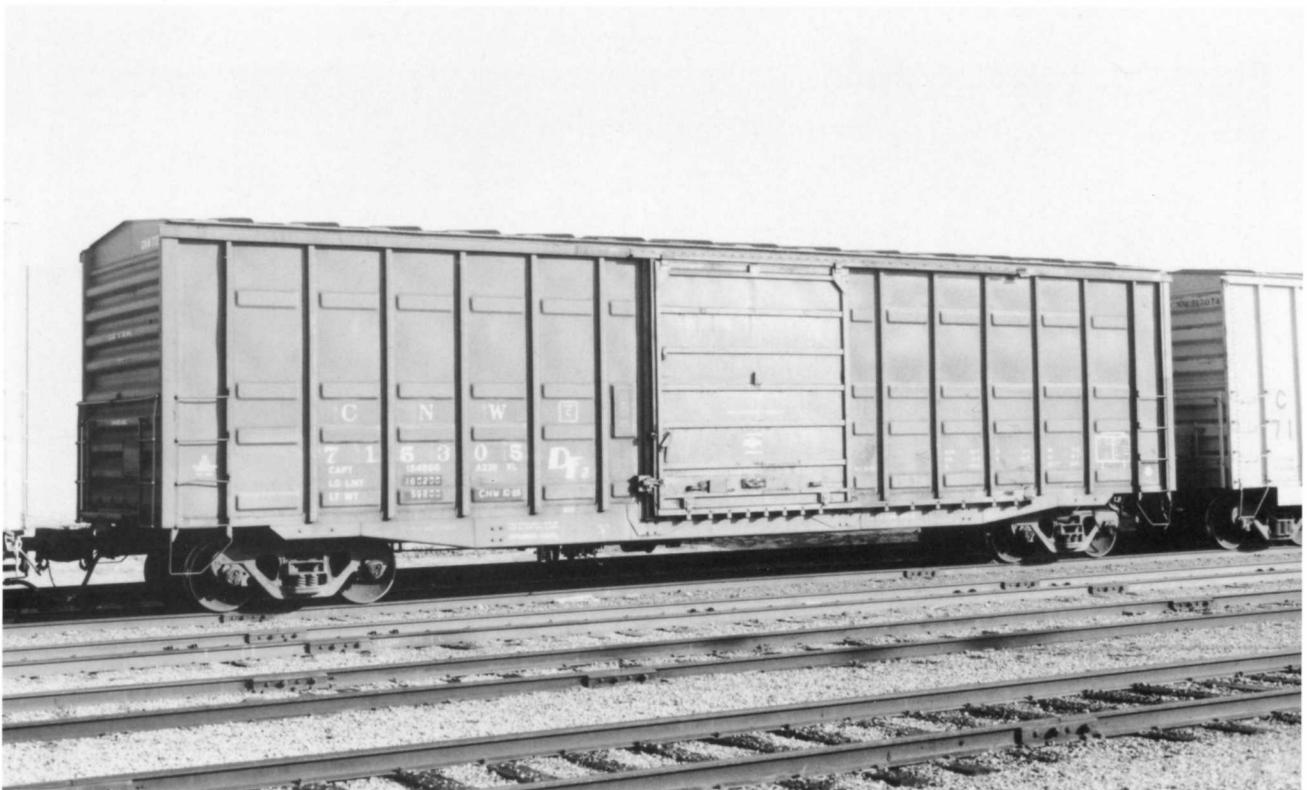
BPRR 1222. (Below). Detail of door and door area showing the characteristic PS door gussets.





BPRR 1222 (Above). Right side detail. Each of the cars have a 5,050 cubic-foot capacity. These are 50'6" IL Plate B box cars.

CNW 715305 (Below) illustrates another Pullman-Standard product. This one was built for the Rock Island (RI 62500-62849) in 1973. Series, CNW 715000-715346. Note the spacing on the four rows of waffles, the middle two are closer together than the upper or lower row. Photographed in January 1989.





CSXT 158971. (Above). This is a 52'6" IL Plate C box car. Door opening is 16'0" x 10'4" (WxH). There are nine rows of waffles dispersed between the ten side posts. Note the flat roof and lower solid end sheet. The car has a heavy-duty 60K floor and loaders for paper loading.

CSXT 507273. (Below). This is a 50'6" IL Plate C box car. Note the nine rows of waffles on all panels except the ends. Door opening is 10'0" x 10'6" (WxH). Series is CSXT 507095-507826.





CSXT 507273 (Above). Left side detail. This is only a 70-ton car - note the 220,000 GRL (160,000 lb load limit + 60,000 lbs light weight).

CSXT 507273 (Below). Door and door area detail. The door is a replacement door installed when the car was refurbished in 1994.





CSXT 507273 (Above). Right side detail. Note the stencilled capacity is 5,277 cubic-foot. The car was repaired at the Nashville shop in June 1994, then sent to ALRC for painting in August 1994.

GA 55331 (Below) was built in October 1973 by ACF. This is a 50'6" IL Plate C box car. This waffles on this car are of three different sizes in four rows plus two waffles in each of the upper corners. Note the 4/4 stamped corrugated end.

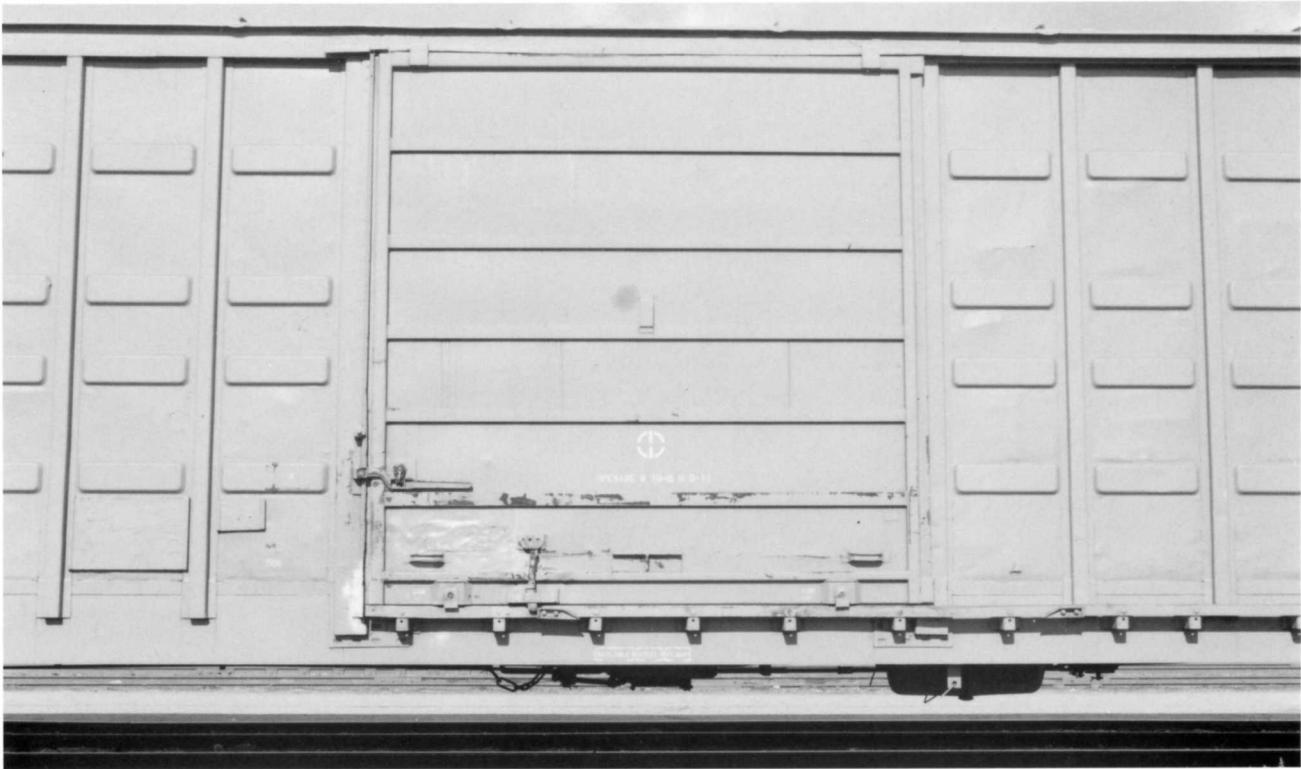




IC 563026 (Above) was built in September 1969. Again, four rows of waffles plus two in each of the upper corners (but, shifted over one panel). Note the recessed stamped corrugation end.

IC 563026 (Below). Detail of left side shows all of the waffles are approximately the same height. Painted gray and white.

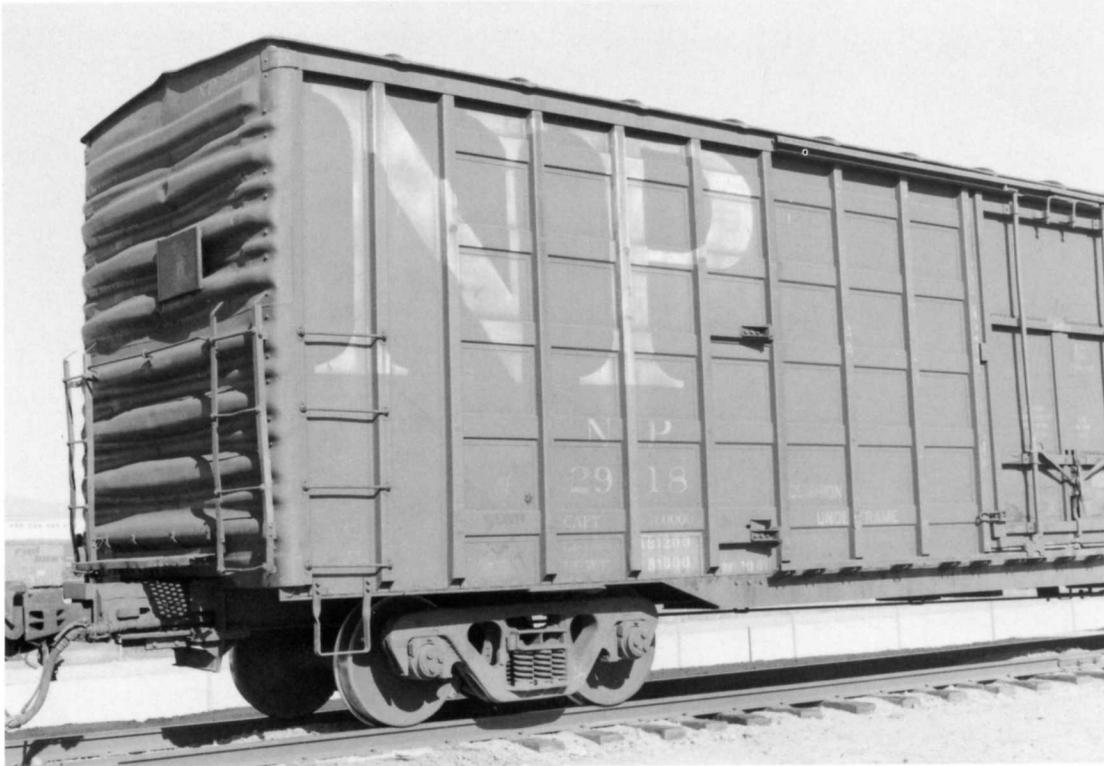




IC 563026 (Above). Door and door area detail. This is a Plate B car so the door height (9'11") is a little shorter than on Plate C cars.

IC 563026 (Below). Right side detail. Note how the ends are riveted to the sides. Cubic-foot capacity is stencilled as 5,024.





NP 2918. (Above). Gunderson Inc built 20 of these in 1967 for the Northern Pacific. Notice how these waffles actually touch the side posts.

NP 2618. (Below). Roster view of car. Series is NP 2900-2919. These are 60'6" IL Plate C box cars. Cubic-foot capacity is 6,024. The NP was one of the first operators to use waffle side box cars.





NP 2918. (Above). Left side detail showing stenciling indicating a cushioned underframe. Load limit on this car is 181,200 lbs (263,000 GRL / a.k.a "100-ton" car).

NP 2918. (Below). Doors and door area detail. Door opening is 16'0" x 9'10" (WxH). Note DF-2 logo.





NP 2918 (Above). Right side detail. This car was built in December 1967.

NS 411112. (Below). A nine row waffle sided box car with all panels filled. This is a 50'6" IL Plate C box car. Door opening is 10'0" x 10'4" (WxH). It was painted by the NS shops in April 1994.

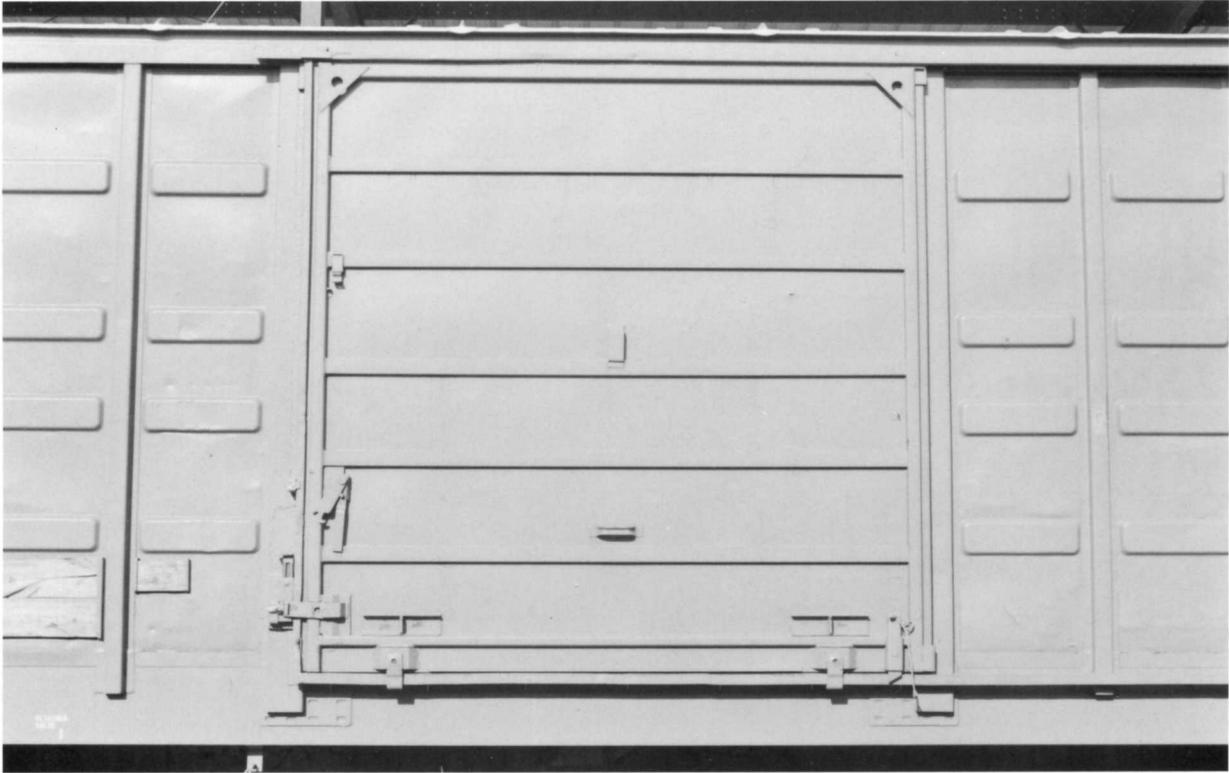




PAL 701516 (Above) was built in May 1970 for the IC. The car has the same waffle pattern as IC 563026 (see pages 9-10). Photographed in Sandpoint ID during 1995.

PAL 701516 (Below). Left side detail. Livery is gray and white. Load limit is 160,100 lbs indicating a 220,000 lb GRL (a.k.a. 70-ton car).





PAL 701516 (Above). Detail of door and door area.

PAL 701516 (Below). Detail of right side. Again, its identical to the IC cars with the riveted ends.



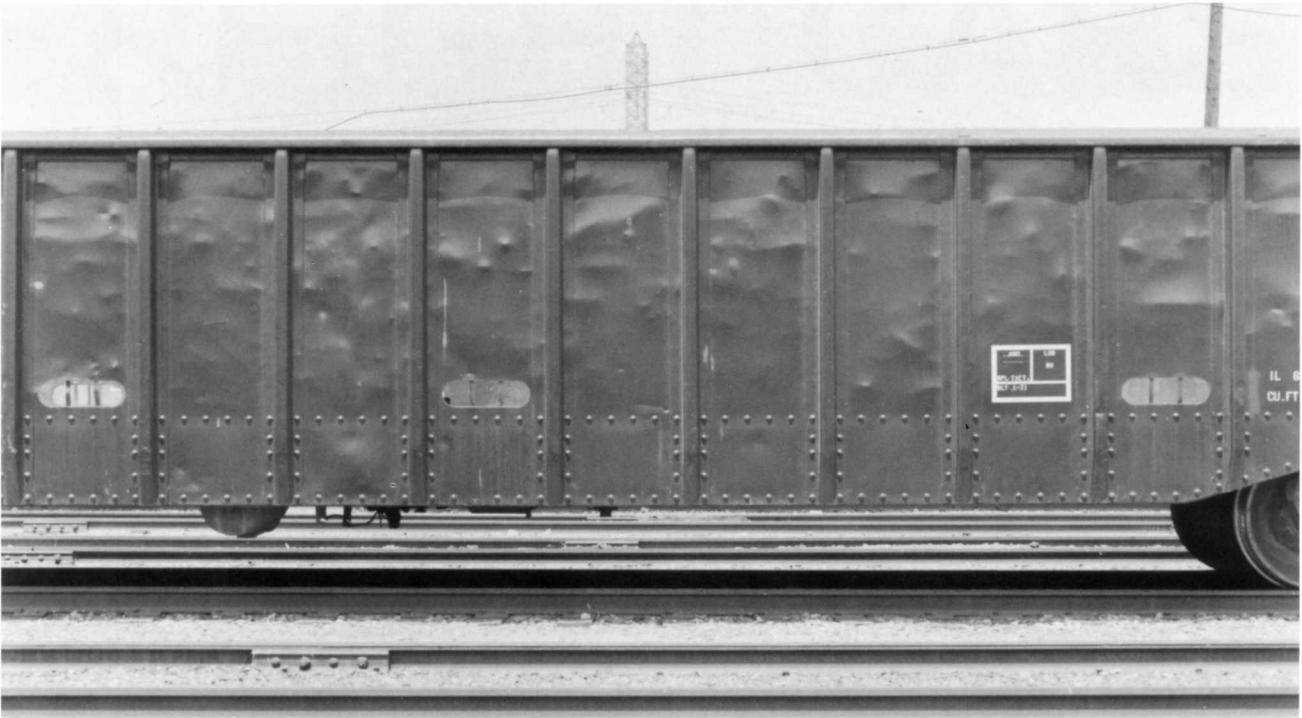


SOU 528660 (Above) was built by Pullman-Standard a part of the SOU 528300-529099 (800 cars). The car is a 50'6" IL Plate C box car. Note the door has been rebuilt with a new bottom replacing the original PS style corrugated door.

SP 656335 (Below). Southern Pacific had several unusual waffle side box cars. This one has only the lower part of the side with waffles. Pacific Car & Foundry built 250 of these in 1976 as SP 656200-656449. IL 50'7" Plate C. The door opening is 12'0" wide. Equipped with Crossbar loaders (a type of load securing device).



65-Foot Gondola Pictorial 2 (Continued from Page C2)



KCS 805003. (Above) Photo section 3 Right-middle detail showing side posts numbers 13-22.

KCS 805003. (Below) Photo section 4 right side detail showing side posts numbers 18-25.



65-Foot Gondola Pictorial 2 (Continued from Page C3)



KCS 805003. Three-quarter end detail view. Series is KCS 805000-805039. This car was built in January 1971. Load limit 183,200.