

FREIGHT CARS

JOURNAL N^o 72



MODERN COAL CAR PICTORIAL

Part 2 -Gondola Cars

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Editors: D G Casdorff, E A Neubauer, and J A Kinkaid. Please address all correspondence to Freight Cars Journal PO Box 2480 Monrovia CA 91017. Whilst every effort is made to ensure the accuracy of the information and data forming the content of this publication, the authors, editors, and publishers cannot be held responsible for errors or omission, or for any loss or damage occasioned by any person using the information contained in this publication. Front cover photo - A close-up of TIMX 1005 - Trinity's answer to the bathtub coal gondola car.

SPECIALIZED NEWSLETTERS FOR TRANSPORT ENTHUSIASTS

In early 1996 we began publishing a series of specialized newsletters with emphasis on data, text, and color photos. Each newsletter is eight (8) pages with four large (half-page) color photos. Each is 8-1/2" x 11" and standard three-hole punched. Shipping is a significant portion of cost which includes first-class postage shipping flat in a cardboard reinforced envelope.

Freight Car World. Text concentrates on news of new cars, transfers, and other related contemporary freight car events. Four issues \$20.00. Issue #1 is still available for \$5.00 plus \$1.00 shipping.

Intermodal-Transport World. Text concentrates on the U.S. intermodal scene (domestic and international) with emphasis on current events and news on containers, piggyback trailers, and intermodal freight car development. Four issues \$20.00. Issue #1 is still available for \$5.00 plus \$1.00 shipping.

TANK: Liquid & Gas Transport. Text concentrates on transport vehicles designed to transport liquids and gases. Emphasis is on railway, intermodal, and highway modes. Four issues \$20.00. Issue #1 is still available for \$5.00 plus \$1.00 shipping.

The Coal Train. Contents will cover primarily contemporary coal cars, coal car rosters and some aspects of coal trains (in general). It will not cover coal car news which is included in *Freight Car World*. Four issues \$20.00.

Auto Racks #1. Contents are mostly straight raw data (TTX car number, rack operator, color scheme, dates etc). Plus news and events as it becomes available. Single issue cost \$5.00.

Truck-Transport Enthusiast #1. Contents will focus on the contemporary truck-transport industry (with news items as available). This field is so wide open that almost anything goes....! Single issue cost \$5.00.

Send check or money order to (California residents include sales tax):

Freight Cars Journal
PO BOX 2480
Monrovia CA 91017-6480



KCLX 7372. (Above) Steel bodied 1980 built ACF 4,240 cubic-foot design. Series KCLX 7371-7491. OL 53'1". This car has double rotary couplers. There were four designs of these early bathtub gondolas that looked very much alike, ACF, Berwick Thrall and Ortner (the Bethlehem/Johnstown cars have more conventional "hopper-like" ends).

WPSX 170. (Below). Steel bodied 1981 built ACF 4,240 cubic-foot design. Series is WPSX 101-342. This car has a rotary coupler on the A-end (the end facing the camera). WPSX = Wisconsin Public Service Corporation.





WPSX 255. (Above). Close-up of left side. Note how the ribs alternate in width. The wider ribs go over the lower side sill to the middle. The narrower ribs only go from the bottom of the top chord to the top of the lower side sill.

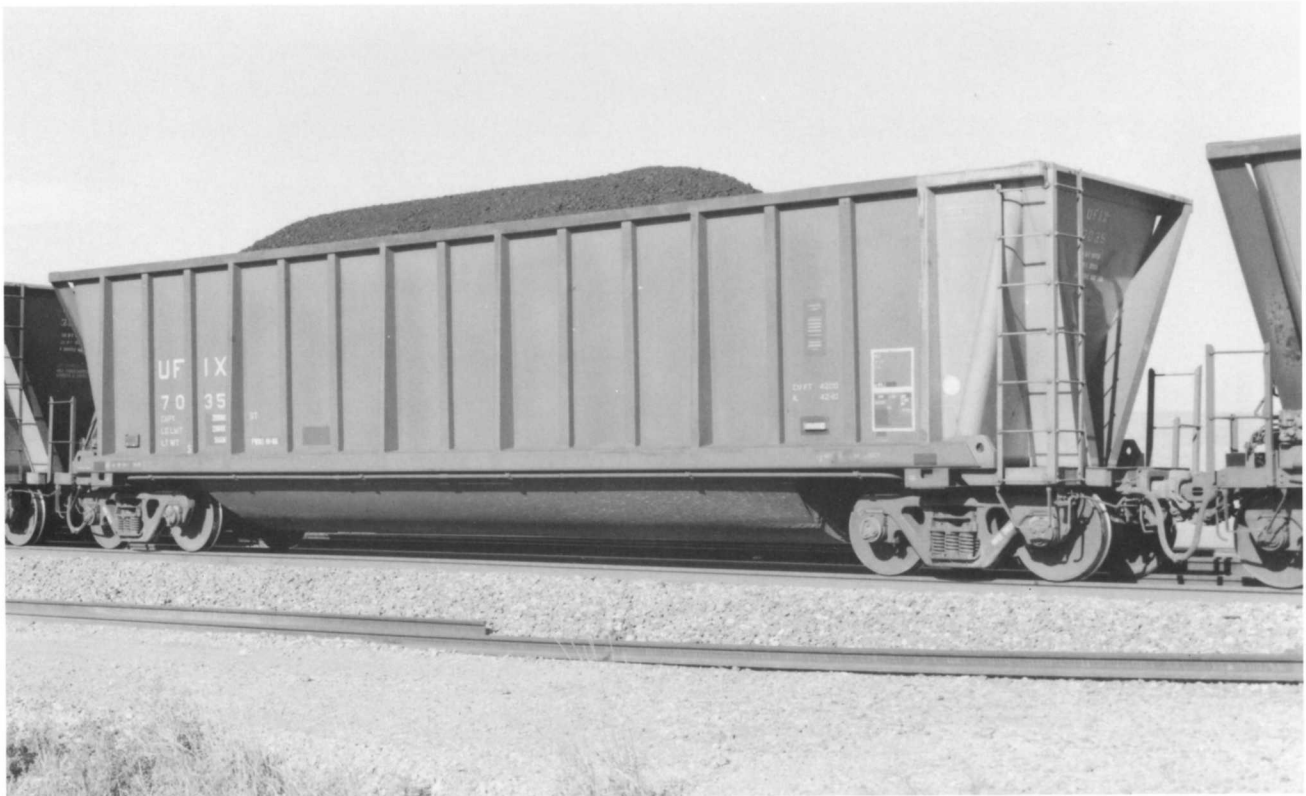
WPSX 255. (Below). Middle side view. Clean all-welded lines. ACF called this the Coalveyor.





WPSX 255. (Above). Right side view. Note the Barber-Scheffel trucks.

UFIX 7035. (Below). Steel-bodied 1978 built Berwick 4,200 cubic-foot design. Compare to the ACF design. Series is UFIX 7001-7110 (110 cars). UFIX = Houston Lighting & Power Company based in Houston, TX.





UFIX 22046. (Above). Steel-bodied 1981 Berwick 4,200 cubic-foot design. Series is UFIX 22001-22110. Note how Berwick's design has two smaller ribs between the larger (except the very middle rib).

UFIX 19005. (Below). Left side view. This close-up shows how the larger ribs flared out from top to bottom. Note the half-height side ladder on the B-end.





UFIX 19005. (Above). Right side view. The A-end shown here has the full height ladder and rotary coupler end. Note how Berwick's side sill is angular cut at the end. Series is UFIX 19001-19110.

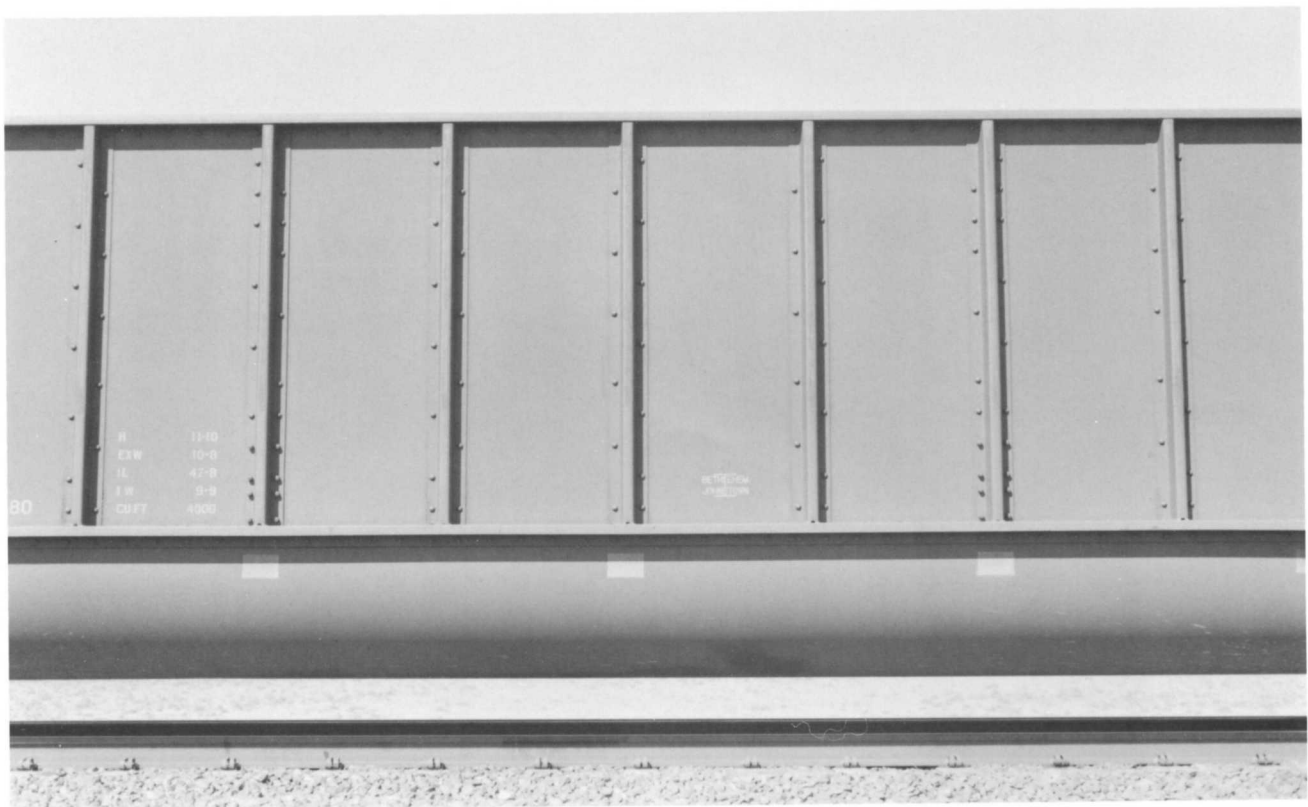
SFIX 607. (Below). Steel-bodied 1980 built Bethlehem Steel 4,000 cubic-foot design. This car could be easily seen as hopper because of the typical hopper-like characters (exterior ribs, ends etc). Series is SFIX 594-1336. SFIX = System Fuels, Inc based in Beaumont TX. OL 53'1"





SFIX 607. (Above). Left side view. Hat shaped ribs and alternating rib fasteners are a quick way to tell this steel-bodied car (versus aluminum bodied). Also, the light weight, while light for a car this size is still in the steel range.

SFIX 607. (Below). The location of the two cross braces can be seen in this view of the middle side. The ribs second from each end in this photo have the cross-braces (note rivet patterns!!)





SFIX 607. (Above). Right side view. The A-end with its rotary coupler. The cars have black bodies with white end panels signifying the rotary coupler.

WFAX 90026. (Below). Aluminum-bodied 1990 built Bethlehem Steel 4,300 cubic-foot design. Series is WFAX 90000-90119 (120 cars). Livery is aluminum body with red rotary end panel and black lettering. WFAX = Western Fuels Association, Inc based in Lakewood CO.

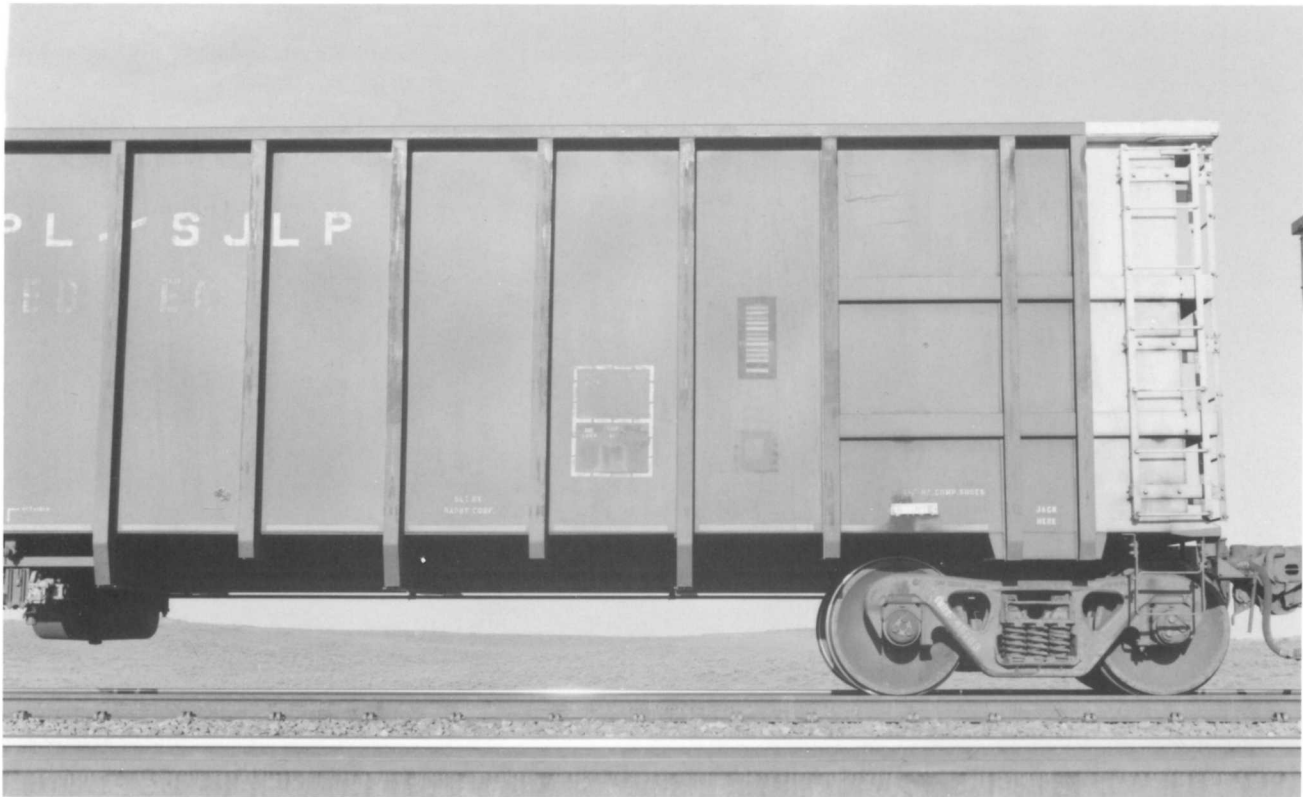




FURX 45103. (Above). Steel-bodied 1979 built Darby Car 4,000 cubic-foot design. Most of us think of Thrall Car's design when it comes to wrap-under rib-side coal gondolas. However, Darby Car of Kansas City, Kansas built a number of this type, too. Series is FURX 45001-45240. These were originally built as KCLX 45001-45240. FURX = First Union Rail based in Rosemont, IL.

FURX 45103. (Below). Left side detail. Note the dual vertical ribs at the end (Thrall only has one) and the differing heights of the ribs (noticeable by looking along the bottom - Thrall's were all the same height).





KCLX 45103. (Above). Right side view. A-end with rotary coupler identification.

OP SX 501450. (Below). Steel-bodied 1979 built FMC 4,000 cubic-foot design. Series is OPSX 500011-505111 (511 cars). FMC's high-side gondola design has traditional modern "square" gondola/boxcar ends. FMC also had a bathtub gondola design. OPSX = Public Service Company of Oklahoma based in Tulsa, OK.

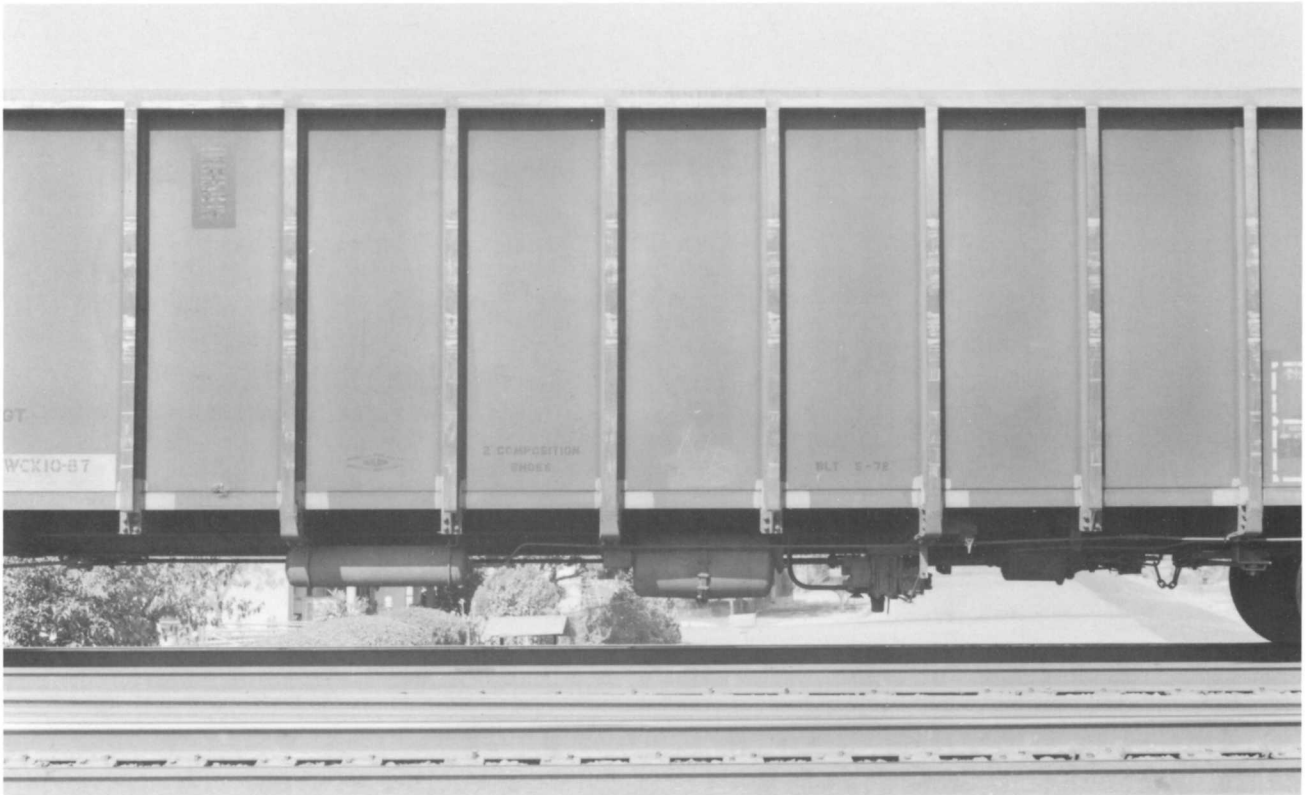




GSCX 9321. (Above). Aluminum-bodied 1972 built Greenville Steel 3,850 cubic-foot design. OL 52'1". Series is GSCX 9000-9344 (345 cars). A car way ahead of its time with its aluminum body - though not the earliest. GSCX = GATX/GLC Leasing Corporation.

GSCX 9321. (Below). Note how it incorporates elements of a wrap-under design.





GSCX 9321. (Above). Middle side view. These were originally operated by the Greenville Leasing Company (a leasing arm of the builder) before being taken over by GATX.

GSCX 9321. (Below) Right side view.

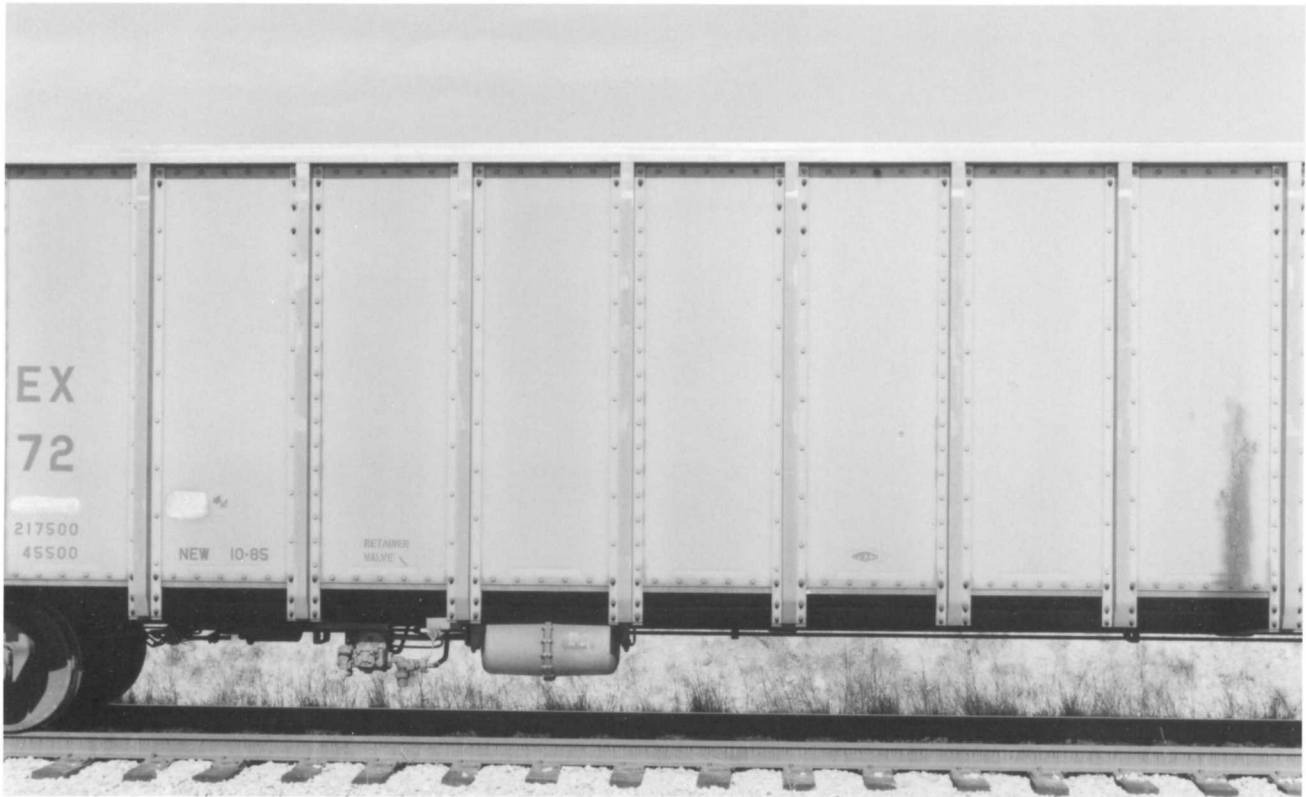




DEEX 8172. (Above). Aluminum-bodied 1985 built Greenville Steel 4,320 cubic-foot design. Series is DEEX 8101-8710 (610 cars). Thirteen ribs. DEEX = Detroit Edison Company based in Detroit, MI.

DEEX 8172. (Below). Left side view. Note alternating rivet pattern on ribs.





DEEX 8172. (Above). Middle side view.

DEEX 8172. (Below). Right side view with rotary end.





CEPX 1343. (Above). Steel-bodied 1979 built Pullman-Standard 4,000 cubic-foot design. Pullman-Standard also had their version of a high-sided coal gondola. Thirteen ribs. Note the traditional Pullman-Standard end architecture. Series is CEPX 1000-1358. CEPX = Cajun Electric Power Cooperative, Inc.

DEEX 7857. (Below). Aluminum-bodied 1985 built Ortner 4,320 cubic-foot design. Yes, even Ortner built some aluminum bodied coal gondolas before being acquired by Trinity Industries. Thirteen ribs. Note the four rectangular tubes on the end. Series is DEEX 7601-7966.

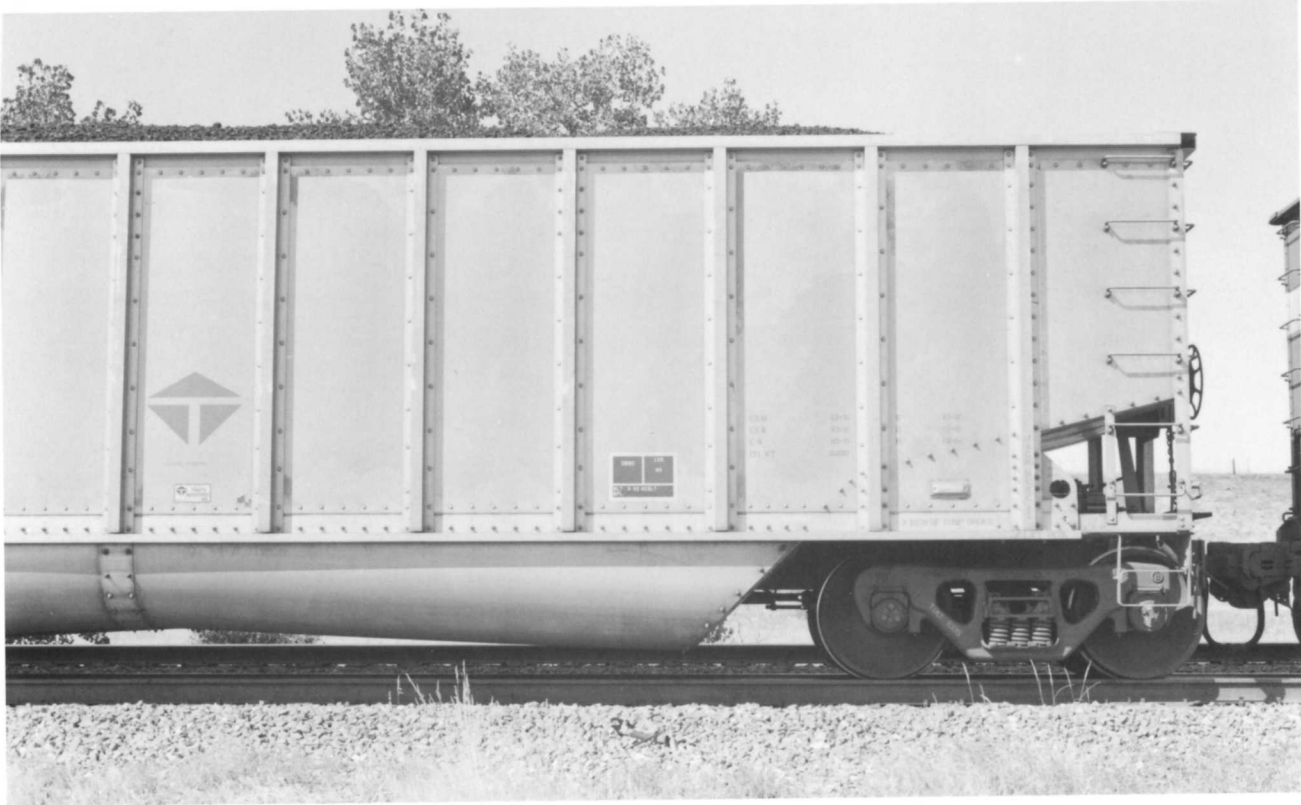




TIMX 1005. (Above). Aluminum-bodied 1992 built Trinity 4,400 cubic-foot design. Trinity's version of the bathtub gondola has center-to-ends taper as can clearly be seen in this side view. The big "T" in the middle is Trinity Industries logo.

TIMX 1005. (Below). Left side view. Note the end sheet rivet line as it comes from the corner angle, behind the first and second rib, then dropping into the tub.





TIMX1005. (Above) Right side view.

GEAX 2087. (Below). Aluminum-bodied 1995 built Trinity 4,400 cubic-foot design. Series is GEAX 2001-2120 (120 cars). GEAX = Transcisco Leasing.



MONOGRAPHS PUBLISHED BY FREIGHT CARS JOURNAL

All publications are softcover, saddle stitched unless otherwise noted. Prices do not include shipping.

Box Cars Since 1983. 1994. 54 B&W photos. Rosters. 44 pp. \$25.00.

Box Car Production 1963-1994. 1995. Roster of over one-quarter million originally delivered box cars. Data only. No photos. 48pp. \$25.00.

Box Car Types. *See Modern Box Car Types.*

Burlington Northern Freight Cars Today. 1994. Rosters. 49 B&W photos. 52 pp. \$30.00.

Burlington Northern Grain Hoppers. 1992. O scale drawing. 20 B&W photos. 16 pages. \$15.00.

A Catalog of Modern Plastics Cars. 1994. 100 B&W photos. 20 diagrams. 145 pages. Hardcover/Library binding. \$75.00.

Coal Cars from Johnstown. Vol 1. 1996. The Western Aluminum Gondolas. Three color photos. 19 B&W photos. 1 diagram. 28 B&W line drawings. Roster. 24 pp. \$25.00.

On Conrail 52ft Gondolas. 1994. Rosters. 34 B&W photos. 18 line illustrations. 37 pp. Hand-numbered. Limited to 300 copies. \$25.00.

CSXT 1989 Freight Car Review. 1989. 50 B&W photos. 36 pages. \$10.00.

CSX Freight Car Review. 1994. 56 B&W photos. 36 pp. \$25.00.

Domestic Containers. 1994. 31 B&W pho-

tos. Roster. 40 pp. \$25.00.

Double Stack Data Book. 1993. Rosters. Data only. No photos. 32 pp. \$15.00.

Evans Gondolas: The 2240/2245 cf designs. 1992. 3 "O" scale drawings. 4 Color photos. 12 B&W photos. 18 pages. \$15.00.

The Freight Car Data Book: Trailer Train / TTX Company. 1995. Roster of nearly 120,000 cars operated by Trailer Train/TTX Co since its inception. No photos. Data only. 52 pages. \$25.00.

General Electric's Shortline Box Cars. 1994. The largest box car fleet in America. 73 B&W photos. Appendices. 44 pp. Hand-numbered. Limited to 300 copies. \$25.00 ea.

Grain Cars 1995/96. 1995. Identifying straight-side grain hoppers. 100 B&W photos. 14 line drawings. 100 pages. Plastic wire-bound. Hand-numbered. Limited to 300 copies. \$40.00.

1992 Intermodal Transport Pictorial & Review. 1992. 56 B&W photos. \$15.00.

Intermodal Transport Pictorial & Review 2. 1994. 48 B&W photos. 32 pp. \$20.00.

Modern Box Car Types. A survey of over 80 types of box cars built since 1963. 80 simple rectangular diagrams and 29 B&W photos. 80 pp. Limited to 300 hand-numbered copies. \$25.00

Modern 45-foot Railroad Trailers. 1994. Roster. 32 B&W photos. 3 line illustrations. Glossary. Hand-numbered. Limited to 300 copies. 31 pp. \$25.00 ea.

Modern Piggyback Trailers. 1992. 190 large B&W photos. 112 pages. \$40.00.

Modern Tank Car Types. 1993. Essay. Text only. No photos. 60 pages. \$15.00.

Modern Union Pacific Grain Hoppers. 1994. Roster. 61 B&W photos. 40 pages. Hand numbered. Limited edition of 300 copies. \$25.00.

Molten Sulphur Tank Cars. 1994. 35 B&W photos. 28 pages. \$20.00.

Norfolk Southern Freight Cars Today. 1994. Rosters. 70 B&W photos. 60 + iv pages. \$30.00.

Photo Supplement to Modern Tank Car Types. 1993. Originally FCJ#58. 32 B&W photos. 16 pages. List \$7.50

Pressurized Covered Hoppers. 1995. NACC PD's including derivatives and similar bodied cars. Rosters of NACC, Trinity and Thrall Car built car. 19 B&W photos. 8 color photos. 4 Line drawings. Appendices. 52 pages. Hand-numbered. Limited to 300 copies. \$35.00.

Railborne Highway Trailers. 1995. Contemporary trucking company trailers and containers pictorial. 27 pages. 40 B&W photos. \$20.00.

RBOX Freight Car Roster and Pictorial. 1990. Rosters. Horizontal format. 44 B&W photos. 46 pages. \$15.00

Reefer: A short History of Refrigerator Cars in America 1840-1984. 1992. Essay. 19 B&W photos. 2 figures. 4 graphs. 2 charts. \$15.00.

Southern Pacific Freight Cars Today. 1994. Rosters. 26 B&W photos. 32 pages. \$15.00.

Tank Containers USA. 1994. Builder list. Operator list. Nine diagrams. 61 B&W photos. 46 pages. Hand-numbered. Limited to

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Triple Crown's Rail Compatible Trailers. 1993 roster. 25 B&W photos. 16 pages. \$15.00.

Union Pacific Coal Cars. 1996. A text-and-data review of the contemporary Union Pacific Coal Car Fleet. 8 color photos. 1 diagram. 2 line drawings. Class list. Photo Bibliography. 32 pages. \$20.00.

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UTC LPG. 1992. Originally published as *Journal of Railway Tank Car #5*. Introduction. 3 B&W line illustrations. 41 B&W photos. \$15.00.

U. P. Freight Cars 1995-96. 1995. 88 large B&W photos (one per page). Updated 20 page roster. Full color cover with three large color photos. Softcover. Horizontal 11" x 8-1/2" size. Plastic wire bound. \$40.00.

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