

FREIGHT CARS

JOURNAL N^o 73



NORFOLK SOUTHERN

Freight Car Pictorial 2

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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 - NS 198965. Class HS49. Built in 1975 by Greenville Steel Car as part of the SOU 133725-series.

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 number 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 number 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 number 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.

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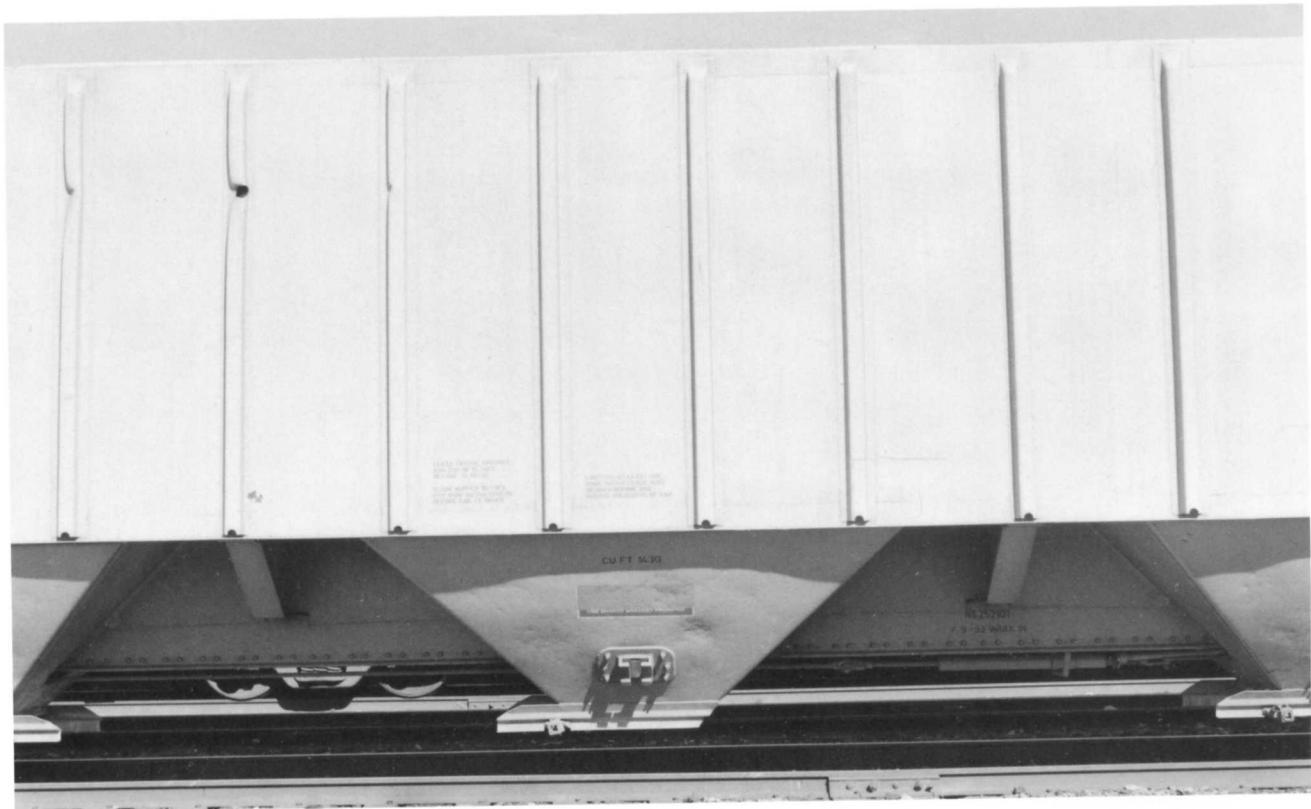
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NS 252101. (Above). Pullman-Standard built 1,000 of these 4,740 cubic-foot capacity covered hoppers in 1969 for the N&W. Originally part of the series NW 173000-173999. The series is now 252000-252901.

NS 252101. (Below). Left side detail. This car was repainted in September 1993 by WARX IN. Note the clean practical lettering using sans-serif lettering styles. Only the load limit and light weight appear (previously included the redundant capacity line).





NS 252101. (Above). Center section of car side. Caution statements warn operators to close hatches before moving car and having at least one hatch open during unloading.

NS 252101. (Below). Right side detail. Norfolk Southern's class is identified as HC-69 (Hopper, Covered, 69th type). This particular car was built in May 1966.





NS 168447. (Above). Norfolk Southern's *Protect II* uses insulated covers to reduce temperature change. This car weighs in at 67,800 lbs or about 7,000 lbs heavier than similar cars with non-insulated covers. This car was built in June 1993 by Thrall Car. NS class CS-14. NS 168400-168499. Equipped with Keystone E-15G-B cushioning.

NW 169639. (Below). A traditional looking purpose built coil steel car. This one was built in February 1990 by Thrall Car - the year before the official merger. Class CS-13. NS 169600-169699. Equipped with Keystone E-15G cushioning.





NS 411112. (Above). NS has a huge fleet of 70-ton box cars such as this one. This car was originally built as part of the SOU 530500-531499. Built in 1978 by Pullman-Standard's Bessemer, AL plant.

NS 411112. (Below). Left side detail. This car was painted at Spartanburg, SC shops in April 1994.





NS 41112. (Above). Center section detail view. New sliding doors replaced worn-out originals as cars were refurbished. Markings indicate 50,000 lb capacity nailable steel floor.

NS 41112. (Below). Right side detail. Norfolk Southern assigned the class BS-179 to this series. All former Southern cars have a "S" in the class.





NS 235115. (Above). Originally built for Southern as series 91000-91599 by ACF's Huntington, WV plant. This is a 3,300 cubic-foot capacity ACF Center Flow®. It was repainted in July 1993 by GE's Toledo shop. NS class HCS-38.

NS 240686. (Below). This 4,000 cubic-foot capacity covered hopper car started out life as part of Southern's 6765-6964 series built in 1964 by Magor. NS class HCS-18.





NS 29061. (Above). Norfolk Southern began converting a number of old coal hopper into coal gondolas by replacing the original hopper body with a new gondola body. This one was rebodied in July 1993 by the NS Roanoke, VA shops. The cars are gray with black lettering. Photographed in Birmingham, AL during May 1994.

NS 29592. (Below). Another former coal hopper turned coal gondola. This one was rebodied in January 1994. Capacity is 3,725 cubic-feet. Load limit is 100-tons or 200,000 lbs. NS class G-90R.





SOU 77788. (Above). Built in 1971 by Greenville Steel Car as part of Southern's 77200-77799. Norfolk Southern's influence is shown here with the repaint and new class HS-18. These are 3,600 cubic-foot capacity quadruple hoppers used for coal transport. Photographed in Birmingham, AL May 1994.

NS 366982. (Below). Originally built as a 2,868 cubic-foot capacity for the N&W series 66000-66499. It was rebodied in January 1992 as part of an overall coal hopper upgrade program that enlarged each car's capacity to 3,480 cubic-feet. Photographed in Birmingham, AL May 1994.





SOU 9728. (Above). Southern had some very interesting freight cars - none the least is this 84'4" IL Plate F+ double-plug door box car. The car has a 10,036 cubic-foot capacity, 75-ton load limit (on 100-ton trucks) and is equipped with Pullman's very own 30 inch cushioning device.

SOU 90355. (Below). The famous GATX Airslide®. This one was repainted by the Coster shops in June 1990. Originally built in 1978 as part of the Southern 90354-90403 series. Capacity, 4,180 cubic-feet. NS class HCS-36. Photographed in Spartanburg, SC during May 1994.





SOU 551370. (Above). At first this may look like a box car. But actually this is an AAR class LC...box car with roof hatches. Southern at one time had quite a fleet of these neat cars. This one's been "Norfolk Southern-ized" with the standard paint scheme and logo. Photographed in Anniston, AL during May 1994.

SOU 551370. (Below). Left side detail. The car was painted at the Hayne Shops (Spartanburg SC) in April 1989. The roof hatch can be seen on the roof to the left of the door track.





SOU 551370. Center section detail. This shows the combination door arrangement of this car. The plug door on the left is an unfamiliar design to me.

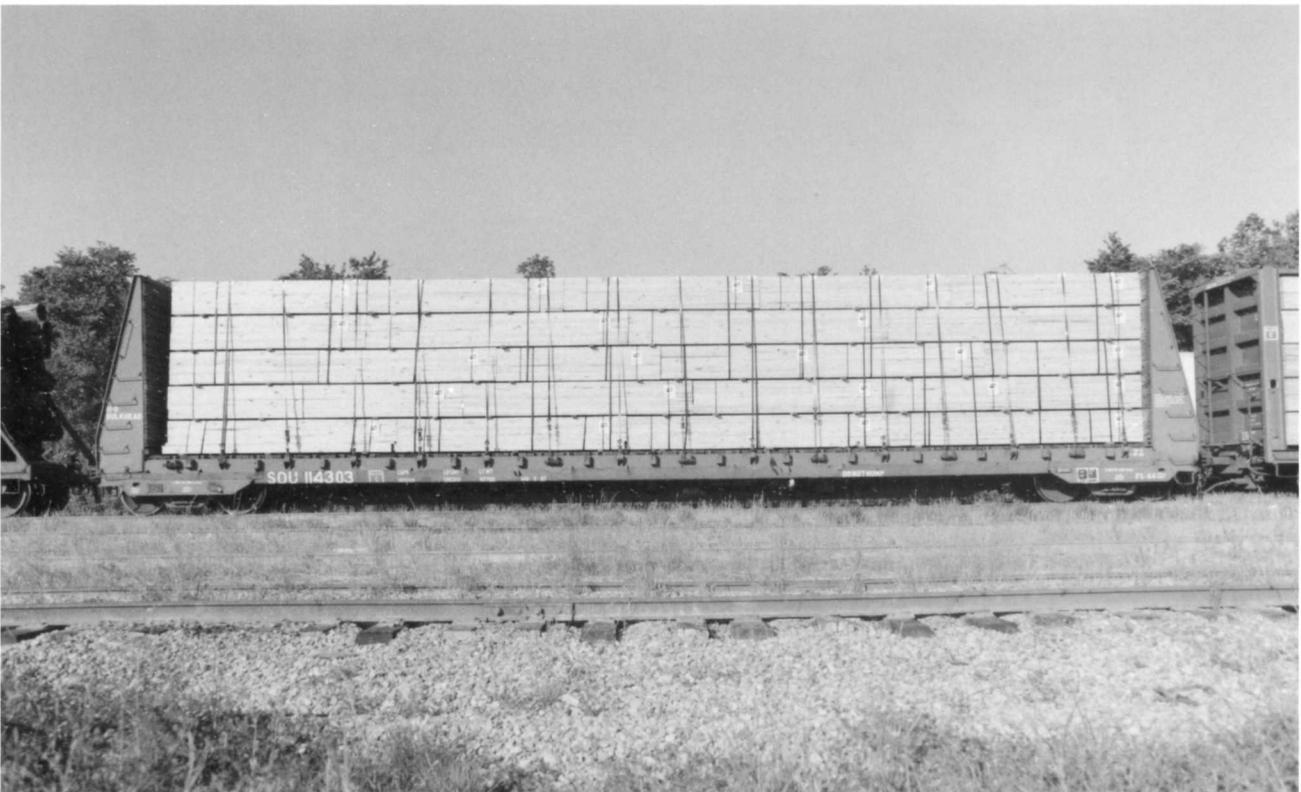
SOU 551370. (Below). This car was built in June 1967. NS class BS-191. This car came from the NS 1800-series (the original or first NS).





SOU 1088. (Above). Certainly one of the first aluminum-bodied unit trains to be placed in regular service was the Southern 1000-1749 series. The cars were built in 1960 by Pullman-Standard's Bessemer, AL plant. Each car had a whopping 3,620 cubic-foot capacity. NS class GS-1. The warning in the center says...Do not unload with clam shell.

SOU 114303. (Below). Built in 1974 by Greenville Steel Car as part of the Southern 114250-114349 series. This 61-foot bulkhead flat is seen here loaded with bundled lumber in Macon GA during May 1994. NS class FS-44.





NW 172911. (Above). This huge 100-ton 5,200 cubic-foot capacity covered hopper was built in 1967 by N&W's Roanoke, VA shop. Series, NW 172900-172999. N&W/NS class HC-65. Photographed in Crewe, VA during May 1995.

NW 76400. (Below). This is a 5,390 cubic-foot capacity open hopper generally used for woodchip service. Series, NW 76400-76474. Built in 1965 by Ortner Freight Car. N&W/NS class H14A. Photographed in Crewe, VA during May 1995.





SOUTHERN 142095. (Above). Still in original paint as delivered from the builder (Greenville Steel Car) in July 1980. This is a 50-foot Plate C pulpwood car. Series, Southern 141300-142099. The remaining cars would become NS class FS-95 after the merger. Photographed in Crewe, VA during May 1995.

SOUTHERN 142482. (Below). Built in July 1981 by United American Car's shops in Cartersville, GA. Series, Southern 142100-142799. These 50-foot pulpwood cars would later be classed by NS as FS-96. Photographed in Crewe, VA during May 1995.





NS 196855. (Above). This unusual car is a 69'10" IL Plate F+ covered high-side gondola car used for refuse transport. NS purchased thirty of these unusual cars in 1993 from builder, Trinity Industries. Each car has an 8,000 cubic-foot capacity!

NS 196855. (Below). Left side detail. The cars are green with yellow lettering. Note the 89,000 lb light weight.





NS 196855. (Above). Center section view.

NS 196855. (Below). Right side view. NS class G-92. NS also assigns classes to its trucks. These have class T-268 trucks. Photographed in Roanoke, VA during May 1995.



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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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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