### **Association of American Railroads**

**Safety and Operations** 

### **AAR Open Top Loading Rules Manual**

### **INDEX OF RULES**

in Section 1

and

**INDEX OF FIGURES** 

in Sections 2 through 7

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the user to see in "real-time" which documents have been updated via circular letter.

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### TO THE USER

This online index contains a comprehensive index of the figures residing in the AAR *Open Top Loading Rules Manual* (OTLRM), Sections 2 through 7. This index is arranged in three sections:

- A numerical list of all figures.
- An alphabetical list by title.
- A list organized by the OTLRM section number

Each list shows the figure number, its title, and the section of the *Open Top Loading Rules Manual* in which that document is located. In addition, all Circular Letters that affect a document since its most recent publication are also identified.

**Note:** Each individual section of the *Open Top Loading Rules Manual* also includes a table of contents for that particular section.

### HOW TO USE THIS INDEX

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- 1. Locate a document by its number using the Numeric Index on page 1.
- 2. Locate a document by its title using the Alphabetic Index on page 23.
- 3. Locate a document by searching a particular section in the Section Index on page 45.

The right-hand column of each index contains the word "Check" if a document is affected by a Circular Letter that was issued subsequent to the release of the manual containing the document. You may click the link (if viewing the PDF) or go to the section entitled "Current Circular Letters" to view a list of Circular Letters issued for each affected document.

### **DISCLAIMER**

The "Current Circular Letters" section lists the Circular Letters that have been issued subsequent to the most recent release of the *Open Top Loading Rules Manual*. This list is intended to improve accessability to the users. It is the responsibility of the user to ensure that individual OTLRM section reflect interim revisions inplemented via Circular Letter. This list of Circular Letters is current as of the date printed in the margin. Any changes issued via AAR Circular Letter after that date will not be included.

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51-A	Tractors, with or without Pneumatic Tires, Both Row Crop and Conventional, Lengthwise or Diagonally, Over 4,000 lb to and Including 7,000 lb—Flatcars	3	
52	Straddle Trucks—Flatcars or Gondolas	6	
52	Tractors, with or without Pneumatic Tires, Both Row Crop and Conventional, 10,000 lb or Less, Lengthwise or Diagonally—Flatcars	3	
53	Girders, Trusses, Roof, Open Type, Whole or Half, etc., Single Load, with or without Overhangs—Flatcars or Gondolas	2	
53	Tractors, Pneumatic Tires, 25,000 lb and Less—Flatcars with Chain Tie-Down Assembly and Cushioning Devices	3	
54	Girders, Lattice and Plate Type, Columns, Etc., Single Load, Double-End Overhang—Flatcars or Gondolas	2	
54	Lumber, Packaged, 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs	5	
54	Tamping Machine, Railway Pneumatic, with Steel Car Wheels—Flatcars with Wood or Nailable Steel Floors	3	
54-A	ForkLifts, Variable Reach, 35,000 lb and Under—Flatcars, with Cushioning Devices, Center Tie-Down Channels, and Raised Side Sills	6	
54-A	Pallet Stock Shorts, Units —Center A-Frame Riserless Flatcars with Permanent End Bulkheads, Cable or Web Strap Tie-Down System, and Cushioning Devices	5	
54-B	Container Handler, Rough-Terrain Type (RTCH), 12 ft Wide and 120,000 lb or Less—Flatcars, 60 ft Long and Over, Chain Tie-Downs	6	
54-B	Lumber, 4 ft to 8 ft Long, Packaged—Center A-Frame Flatcars, with Cable Tie-Downs	5	check
54-C	ForkLifts, Variable Reach, 40,000 lb and Under—Flatcars, with Cushioning Devices, Center	6	
54-C 55	Tie-Down Channels Girders, Lattice and Plate Type, Columns, Etc., Single Load, Single- or Double-End	2	
55	Overhang—Flatcars or Gondolas  Lumber, Packaged—Bulkhead Flatcars, with Constant Tensioning Devices for Use with 1 1/	5	
55	4 in. × .029 in. High Tension Bands Wrecked Car Bodies—Flatcars or Gondolas	3	check
55-A	Crane, Hydraulic, Armoured, Maximum Weight 87,400 lb, with Pneumatic Tires—Flatcars, Steel Deck, Chain	6	
55-A	Girders, Vertical, Single Load, Single-End and Double-End Overhang—Flatcars, with Steel Floor and Cushioning Devices	2	
55-A	Wrecked Car Bodies—Loaded on Modified Flatcars	3	check
55-B	Locomotives, without Trucks, 180,000 lb or Less—Flatcars, with Wood or Nailable Steel Floors	3	
55-C	Locomotives, without Trucks, 160,000 lb or Less—Flatcars, with Wood or Nailable Steel Floors, 48 ft or Over, and Cushioning Device	3	
56	Trusses, Roof, Metal, Vertical, Double Load with Pivoted Bolsters—Flatcars or Gondolas	2	

Fig. No.	Title	Section	Circular?
57	Girders, Vertical, Double Load with Pivoted Bolsters—Flatcars or Gondolas	2	
58	Crossties, Timber, Packaged, Treated or Untreated—Bulkhead Flatcars, with Cushioning Devices	5	
58	Girders, Vertical, Multi-Car Load with Pivoted Bolsters—Flatcars or Gondolas	2	
	Vehicles, Light Armored and Similar, 30,000 lb and Under—Flatcars	6	
	Timber, Landscape, Packaged, 8 ft Long—Center A-Frame Flatcars, with Cable Tie-Downs	5	<u>check</u>
58-A	Vehicles, Heavy Armored and Similar (Stryker), 60,100 lb and Less—Flatcar with Chain Tie- Downs	6	<u>check</u>
	Crossties, Packaged, Treated, Untreated, or Plastic, 8 ft or 9 ft Ties on 73 ft cars, 8 ft 6 in. Ties on 61 ft cars—Flatcars, with Center A-Frame, Permanent End Bulkheads, and Cable Tie-Down System	5	check
58-B	Vehicles, Light Armored (LAV), 32,000 lb and under—Flatcars Equipped with 1/2 in. Chains, Four Tie-Down Channels, and Cushioned Underframe	6	
58-C	Railroad Ties, Treated or Untreated, Packaged, 8 ft Long And Over—Flatcars with Center A-Frame, Permanent End Bulkheads, Cushioning Devices, and Cable Tie-Down System	5	check
58-C	Vehicles, Amphibious Assault (AAV)—Flatcars Equipped with 1/2 in. Chains, Four Tie-Down Channels, and Cushioned Underframe	6	
	Girders, Horizontal, Multi-Car Loads with Pivoted Bolsters—Flatcars or Gondolas	2	
	Lumber, Packaged, 8 ft Long or Over, Package Height Up to 36 in.—Bulkhead Flatcars	5	
	Girders and Turntables, Multi-Car Load with Pivoted Bolsters—Flatcars	2	
	Lumber, Packaged, 7 ft Long or Over, Packages Maximum Height 32 in., Maximum Width 51 in.—Bulkhead Flatcars	5	check
61	Trailers, 3/4-Ton Cargo—Gondolas, with Wood Floors	6	
	Cable, Wire Rope, and Similar Commodities on Reels—Gondolas	2	
	Cable, Wire Rope, and Similar Commodities on Reels—Flatcars	2	
	Trailers, Single Axle, Cargo, Water Tank and Similar Types, Weighing 25,000 lb or Less—	6	
63-A	Flatcars		
63-B	Trailer, M200A1—Flatcars, with Chain Tie-Downs	6	check
64	Cable on Reels, Single or Double Row, Crosswise—Flatcars	2	
64	Trailers, 1 1/2 Ton Cargo, Double Decked—Flatcars	6	
64-A	Cable on Reels, 7 ft to 8 ft Diameter, Crosswise, Single or Double Row—Flatcars, with Cushioning Devices and Chain Tie-Downs	2	
64-B	Cable on Reels, 90 in. to 108 in. Diameter, Single or Double Row, Crosswise—Flatcars, with Chain Tie-Downs	2	
64-C	Cable on Reels, 84 in. to 108 in. Diameter, Single or Double Row, Crosswise—Flatcars, with Chain Tie-Downs	2	
64-D	Reels, Empty, 60 in. to 108 in. Diameter, Single- or Double-Stacked—Gondolas	2	
	Reels, Empty, 60 in. to 108 in. Diameter, Double or Triple Rows, Double-Stacked—Flatcars	2	
	Cranes, Rotating, Maximum Weight, 125,000 lb, with Pneumatic Tires—Flatcars, with Chain Tie-Down Assembly	3	
65	Reel of Cable or Empty, Extra Wide, Lengthwise—Flatcars	2	
	Semi-Trailers—Flatcars	6	
65-A	Semi-Trailers, 12,000, 15,000, and 18,000 lb—Flatcars	6	
66	Cable, Wire Rope, and Similar Commodities on Reels, Lengthwise—Flatcars	2	
66	Cranes, Hydraulic, Maximum Weight 210,000 lb, with Pneumatic Tires—Flatcars, with Wood or Nailable Steel Floor	3	
66	Semi-Trailers, Mobile, Light-Weight, with Tractor—Flatcars	6	
	Cable, Wire Rope, and Similar Commodities on Reels, Lengthwise—Gondolas	2	
	Semi-Trailers, Mobile, Light-Weight, with or without Dolly—Flatcars	6	
	Cable, Wire Rope, and Similar Commodities on Reels, Lengthwise—Flatcars	2	
	Lumber, Packaged, 8 ft Long and Over—Bulkhead Flatcars, with PVC Treated Polyester Webbing Tie-Downs, Equipped with Routing Devices or Special Chain Tie-Down Channels	5	
68	Semi-Trailers, Flatbed with Rigid Gooseneck and Dual Wheels, Double Decked—Flatcars	6	
	Bodies-Stake-Bridge Transporting Trailer—Flatcars	6	
	Cable, Wire Rope, and Similar Commodities on Reels, Crosswise—Gondolas	2	
69	Trailer Vans—Flatcars or Gondolas, with Wood Floors	6	

69-A Cable, Wire Rope, and Similar Commodities on Reels, 96 in. and 108 in. Diameter, Lengthwise—Gondolas  70 Semi-Trailers, 10 Ton, with Four Center Dual Wheels, Double Decked—Flatcars  71 Semi-Trailers, 10 Ton, with Four Center Dual Wheels, Double Decked—Flatcars  72 Semi-Trailers, 10 Ton, ripic Decked—Flatcars  73 Semi-Trailers, 10 Ton, ripic Decked—Flatcars  74 Lumber, 1 in. × 2 in. and Over, Not to Exceed 4 in. × 4 in., Packaged—flatcars, 81 ft.Long and Over, with Bulkheads, Partial-Height Center Partition, Cushioning Devices, and Web Tie- Down Assemblies  75 Lumber, Nominally 33 in. High, Packaged—Flatcars, 73 ft, with Depressed Deck, End Bulkheads, Full-Height Center Partition, and Cushioning Devices  76 Bulldozers, with Grousers, 100,000 in to Less—Flatcars Equipped with Cushioning Devices  77 Bulldozers, with Grousers, 100,000 in Less—Flatcars Guipped With Cushioning Devices  78 Bulldozers, with Grousers, 5,000 lb or Less—Flatcars or Gondolas  78 Bulldozers, with or without Grousers, 5,000 lb or 10,000 lb, Inclusive, Secured with Chains  79 Bulldozers, with or without Grousers, 5,000 lb or 10,000 lb, Inclusive, Secured with Chains  79 Bulldozers, with or without Grousers, Crosswise—Flatcars  80 Bulldozers, with or without Grousers, Crosswise—Flatcars  80 Bulldozers, with or without Grousers, Crosswise—Flatcars  81 Wheels, Mounted Railroad—Gendolas  82 Wheels, Mounted Railroad—Gendolas  83 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas  84 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars, G-85 or G-93, with Cushioning Devices  85 Wheels, Mounted Railroad, Flatcars  86 Iron Ore, Limestone, Cola, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas  87 Rub Rail or Similar Railroad Flatcars  88 Iron, Metal, Loosa and Baled—Gondolas  89 Francked Vehicles, 70 (200, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas  80 Military Vehicles, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains—Flatcars  89 Falletzed Load System (PLS).	Fig. No.	Title	Section	Circular?
70 Semi-Trailers, Double Decked, with Two-Wheels Dollies—Flatcars 6 71 Semi-Trailers, 20 Ton, Triple Decked—Flatcars 6 73 Semi-Trailers, 20 Ton, Triple Decked—Flatcars 6 74 Lumber, 1 in. × 2 in. and Over, Not to Exceed 4 in. × 4 in., Packaged—flatcars, 81 ft.Long and Over, with Bulk-backs, Partial-Height Center Partition, Cushioning Devices, and Web Tie-Down Assemblies 75 Lumber, Nominally 33 in. High, Packaged—Flatcars, 73 ft, with Depressed Deck, End Bulkheads, Full-Height Center Partition, and Cushioning Devices 8 76 Bulldozers, with Grousers, 180,000 to 10 ct.ess—Flatcars Equipped with Cushioning Devices 3 77 Bulldozers, with or without Grousers, 5,000 to 10 ct.ess—Flatcars or Gondolas 3 78 Bulldozers, with or without Grousers, 5,000 to 10 ct.ess—Flatcars or Gondolas 3 78 Bulldozers, with or without Grousers, 5,000 to 10 ct.ess—Flatcars or Gondolas 3 78 Bulldozers, with or without Grousers, 5,000 to 10 ct.ess—Flatcars or Gondolas 3 78 Bulldozers, with or without Grousers, Crosswise—Flatcars 3 78 Bulldozers, with or without Grousers, Crosswise—Flatcars 3 79 Bulldozers, with or without Grousers, Crosswise—Flatcars 3 70 Bulldozers, with or without Grousers, Crosswise—Flatcars 3 71 Bulldozers, with Grousers, Crosswise—Flatcars 3 72 Bulldozers, with Grousers, Crosswise—Flatcars 3 73 Bulldozers, with Grousers, Crosswise—Flatcars 3 74 Bulldozers, with Grousers, Crosswise—Flatcars 3 75 Bulldozers, with Grousers, Crosswise—Flatcars 3 75 Carp, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas 2 75 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas 2 76 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars, G-85 or G-89, with Cushioned 6 76 Rub Rail or Similar Railroad Flatcars 4 77 Scrap, Metal, Loose and Baled—Gondolas 2 78 Scrap, Metal, Loose and Baled—Gondolas 2 79 Flatcars 4 79 Flatcars 5 70 Flatcars 70 F		Cable, Wire Rope, and Similar Commodities on Reels, 96 in. and 108 in. Diameter,		
71 Semi-Trailers, 20 Ton, ryith Four Center Dual Wheels, Double Decked—Flatcars 6 73 Semi-Trailers, 20 Ton, Triple Decked—Flatcars 6 74 Lumber, 1 in. × 2 in. and Over, Not to Exceed 4 in. × 4 in., Packaged—flatcars, 81 ft Long and Over, with Bulkheads, Parlial-Height Center Partition, Cushioning Devices, and Web Tie-Down Assemblies 75 Lumber, Nominally 33 in. High, Packaged—Flatcars, 73 ft, with Depressed Deck, End 8 Bulkheads, Full-Height Center Partition, and Cushioning Devices 76 Bulldozers, with Grousers, 180,000 lb or Less—Flatcars Equipped with Cushioning Devices 77 Bulldozers, with or without Grousers, 5,000 lb or Less—Flatcars or Gondolas 78 Bulldozers, with or without Grousers, 5,000 lb or Less—Flatcars or Gondolas 79 Bulldozers, with or without Grousers, 5,000 lb or Less—Flatcars or Gondolas 79 Bulldozers, with or Without Grousers, 5,000 lb or Less—Flatcars or Gondolas 70 Bulldozers, with or Without Grousers, 5,000 lb or Less—Flatcars 80 Bulldozers, with or Without Grousers, 5,000 lb or Less—Flatcars 81 Bulldozers, with or Without Grousers, 6,100 lb—Flatcars 82 Bulldozers, with or Without Grousers, 6,100 lb—Flatcars 83 Bulldozers, with or Without Grousers, 6,100 lb—Flatcars 84 Wheels, Mounted Railroad—Gondolas 85 Wheels, Mounted Railroad—Gondolas 86 Wheels, Mounted Railroad—Gondolas 87 Bull Rail or Gill Railroad, Less than 42 in. Diameter—Flatcars or Gondolas 88 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas 89 Bull Railroad, Less than 42 in. Diameter—Flatcars or Gondolas 80 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas 81 Bron Ore, Limestone, Coal, Coke, Bulk Minerais, and Similar Material—Hopper and Gondolas 82 Carrier, Personnel, Mi113, or Similar Type Vehicles—Flatcars, G-85 or G-89, with Cushioned 83 Bron Ore, Limestone, Coal, Coke, Bulk Minerais, and Similar Material—Hopper and Gondolas 84 Mithalian, Patcars 85 Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters 86 Family of Medium Tactical Vehicles (FMTV) with Mobility Sh	70	· · · · · · · · · · · · · · · · · · ·	6	
73 Semi-Trailers, 20 Ton, Triple Decked—Flatcars 74 Lumber, 1 in. × 2 in. and Over, Not to Exceed 4 in. × 4 in., Packaged—flatcars, 81 ft Long and Over, with Bulkheads, Partial-Height Center Partition, Cushioning Devices, and Web Tie-Down Assemblies 75 Lumber, Nominally 33 in. High, Packaged—Flatcars, 73 ft, with Depressed Deck, End 8 Bulkdozers, with Grousers, 180,000 to r Less—Flatcars Equipped with Cushioning Devices 76 Bulldozers, with Grousers, 180,000 to r Less—Flatcars or Gondolas 77 Bulldozers, with or without Grousers, 5,000 to be 100, Inclusively—Flatcars or Gondolas 78 Bulldozers, with or without Grousers, 5,000 to be 100, Inclusively—Flatcars or Gondolas 78 Bulldozers, with or without Grousers, 5,000 to be 5,400 bl. Inclusively—Flatcars or Gondolas 78 Bulldozers, with or without Grousers, 6,000 to 100, Inclusively—Flatcars or Gondolas 78 Bulldozers, with or without Grousers, 6,000 to 100, Inclusively—Flatcars or Gondolas 80 Bulldozers, with or without Grousers, Crosswise—Flatcars 81 Bulldozers, with or without Grousers, Crosswise—Flatcars 82 Tanks and Similar Units 100,000 to 100,000 lb.—Flatcars 83 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas 84 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas 85 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas 86 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars, G-85 or G-89, with Cushioned 87 Rub Rail or Similar Railroad Flatcars 88 Scrap, Metal, Loose and Bailed—Gondolas 89 Inon Ore, Limestone, Coal, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas 80 Military Vehicles, Pneumatic Tires, Non-Articulated, 75,650 lb or Less, Secured with Chains—Flatcars 80 Flatcars 81 Fatcars 82 Fatch Vehicles, Amoured, Pneumatic Tires, Non-Articulated, 75,650 lb or Less, Secured with Chains—Flatcars 83 Ferromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors 84 Gainer Multi-Ineater Vehicle (MIV), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Les				
Lumber, 1 in. × 2 in. and Over, Not to Exceed 4 in. × 4 in., Packaged—flatcars, 81 ft Long and Over, with Bulkheads, Partial-Height Center Partition, Cushioning Devices, and Web Tie-Down Assemblids  7				
Over, with Bulkheads, Parfail-Height Center Partition, Cushioning Devices, and Web Tie- Down Assemblies  75		, , , , , , , , , , , , , , , , , , ,		
Bulkheads, Full-Height Center Partition, and Cushioning Devices  76 Bulldozers, with Grousers, 180,000 lb or Less—Flatcars Equipped with Cushioning Devices  3 Relidozers, with Grousers, D10—Flatcars Equipped with Cushioning Devices  3 Bulldozers, with or without Grousers, 5,000 lb to S4,000 lb, Inclusive,—Flatcars or Gondolas  78 Bulldozers, with or without Grousers, 5,000 lb to S4,000 lb, Inclusive,—Flatcars or Gondolas  78 Bulldozers, with Oriousers, Over 54,000 lb —Flatcars  79 Bulldozers, with Grousers, Over 54,000 lb—Flatcars  80 Bulldozers, with or without Grousers, Crosswise—Flatcars  7anks and Similar Units 100,000 lb to 140,000 lb—Flatcars, DODX 140-Ton, with Chain Tie-Downs  81 Wheels, Mounted Railroad,—Gondolas  82 Wheels, Mounted Railroad,—Gondolas  83 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas  84 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas  85 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars, G-85 or G-89, with Cushioned  86 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars, G-85 or G-89, with Cushioned  87 Rub Rail or Similar Railroad Flatcars  87 Scrap, Metal, Loose and Baled—Gondolas  88-Tracked Vehicles, 30,000 lb or Less—Flatcars, with Tie-Down Rails and Cushioning Devices  89 Iracked Vehicles, 30,000 lb or Less—Flatcars, with Tie-Down Rails and Cushioning Devices  80 Blatcars  80 Palletized Load System (PLS), Trucks and Trailers, 95,000 lb or Less, Secured with Chains—  81 Flatcars  81 Palletized Load System (PLS), Trucks and Trailers, 95,000 lb or Less, Secured with Chains—  82 Flatcars  83 Palletized Load System (PLS), Trucks and Trailers, 95,000 lb or Less, Secured with Chains—  84 Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC)  85 Flatcars  86 Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC)  86 Flatcars  87 Caiman Multi-theater Vehicle (MtV), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Less, Secured with Chains—Flatcars  88 Flatch Rail Rai	, ,	Over, with Bulkheads, Partial-Height Center Partition, Cushioning Devices, and Web Tie- Down Assemblies	3	
76-A Bulldozers, with Grousers, 180,000 lb or Less—Flatcars Equipped with Cushioning Devices 3 776-Bulldozers, with or without Grousers, 5,000 lb or Less—Flatcars or Gondolas 3 78 Bulldozers, with or without Grousers, 5,000 lb to 54,000 lb, Inclusively—Flatcars or Gondolas 3 78-B Tanks and Similar Units, Over 30,000 lb to 10,000 lb, Inclusively—Flatcars or Gondolas 3 78-B Tanks and Similar Units, Over 30,000 lb to 10,000 lb, Inclusively—Flatcars or Gondolas 3 78-B Bulldozers, with Grousers, Over 54,000 lb—Flatcars 3 80 Bulldozers, with Grousers, Over 54,000 lb—Flatcars 3 81 Bulldozers, with Grousers, Over 54,000 lb—Flatcars 3 82 Bulldozers, with Grousers, Over 54,000 lb—Flatcars 4 83 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas 4 84 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas 5 85 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas 86 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas 87 Rub Rail or Similar Railroad Flatcars 88 Scrap, Metal, Loose and Baled—Gondolas 89 Iron Ore, Limestone, Coal, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas 80 Iron Ore, Limestone, Coal, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas 81 Iron Ore, Limestone, Coal, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas 82 Military Vehicles, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains— 83-B Flatcars 84 Parally of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters 84 Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters 85 Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters 86 With Chains—Flatcars 87 Caiman Multi-theater Vehicle (MtV), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Less, Secured with Chains—Flatcars 88-H Trailers, Mi000 HET—Flatcar with Chain Tie-Down Assembly And Cushion Device 89 Ferromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors 100 Pipe, Plastic, Packaged,	75		5	
78 Bulldozers, with or without Grousers, 5,000 lb or Less—Flatcars or Gondolas 78-B Tanks and Similar Units, Over 30,000 lb to 150,000 lb, inclusively—Flatcars or Gondolas 78-B Tanks and Similar Units, Over 30,000 lb to 150,000 lb, inclusively—Flatcars or Gondolas 80 Bulldozers, with Grousers, Over 54,000 lb—Flatcars 81 Bulldozers, with or without Grousers, Crosswise—Flatcars 82 Tanks and Similar Units 100,000 lb to 140,000 lb—Flatcars, DODX 140-Ton, with Chain Tie-Downs 83 Wheels, Mounted Railroad—Gondolas 84 Wheels, Mounted Railroad—Gondolas 85 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas 86 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas 87 Rub Rail or Similar Faller Type Vehicles—Flatcars, G-85 or G-89, with Cushioned 88 Rub Rail or Similar Railroad Flatcars 89 Scrap, Metal, Loose and Baled—Gondolas 80 Iron Ore, Limestone, Coal, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas 81 Minutary Vehicles, 70,000 lb or Less—Flatcars, with Tie-Down Rails and Cushioning Devices 82 Iron Ore, Limestone, Coal, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas 83 Milary Vehicles, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains— 84 Flatcars 85 Flatcars 86 Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters 86 Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters 87 Caiman Multi-theater Vehicle (Mtv), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Less, Secured with Chains—Flatcars 88 Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly And Cushion Device 89 Trailers, M1000 HET—Flatcar with Chains—Flatcars 89 Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly And Cushion Device 80 Ferromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors 80 Less, Secured with Chains—Flatcars 81 Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly 6 Check 81 Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly 6 Check 82 Dept. Plastic, Packaged, Pr	76		3	
78-B Ulldozers, with or without Grousers, 5,000 lb to 54,000 lb, Inclusively—Flatcars or Gondolas 78-B Tanks and Similar Units, Over 30,000 lb to 100,000 lb, Inclusive, Secured with Chains 79 Bulldozers, with Orousers, Over 54,000 lb—Flatcars 80 Bulldozers, with Orousers, Over 54,000 lb—Flatcars 81 Bulldozers, with Orousers, Orosswise—Flatcars 82 Tanks and Similar Units 100,000 lb to 140,000 lb—Flatcars, DODX 140-Ton, with Chain Tie- 83 Downs 83 Wheels, Mounted Railroad—Gondolas 84 Wheels, Mounted Railroad—Gondolas 85 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas 86 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas 87 Rub Rail or Similar Railroad Flatcars 88 Scrap, Metal, Loose and Baled—Gondolas 88 Tracked Vehicles, 30,000 lb or Less—Flatcars, with Tie-Down Rails and Cushioning Devices 88 Iron Ore, Limestone, Coal, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas 88 Military Vehicles, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains— 88-B Flatcars 89 Palletzed Load System (PLS), Trucks and Trailers, 95,000 lb or Less per Combined 89-C Vehicle—Flatcars, HTTX or Similar Type, Equipped with Cushioning Devices 89-D Railly of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters 89-Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters 89-Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters 89-Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters 89-Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters 89-Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters 89-Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters 89-Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters 80-Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters 80-Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters 80-Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelt	76-A	Bulldozers, with Grousers, D10—Flatcars Equipped with Cushioning Devices		
78-B Tanks and Similar Units, Over 30,000 lb to 100,000 lb, Inclusive, Secured with Chains 79 Bulldozers, with Grousers, Over 54,000 lb—Flatcars 80 Bulldozers, with or without Grousers, Crosswise,—Flatcars 81 Tanks and Similar Units 100,000 lb to 140,000 lb—Flatcars, DODX 140-Ton, with Chain Tie- 82 Downs 83 Wheels, Mounted Railroad—Gondolas 84 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas 85 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas 86 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars, G-85 or G-89, with Cushioned 87 Rub Rail or Similar Railroad Flatcars 88 Carrier, Personnel, M113, or Similar Type Vehicles—Flatcars, G-85 or G-89, with Cushioned 87 Rub Rail or Similar Railroad Flatcars 88 Iron Ore, Limestone, Coal, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas 88 Iron Ore, Limestone, Coal, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas 88-B Flatcars 88-B Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters 88-E Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 88-F Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 88-F Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 88-F Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 88-F Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 88-F Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 88-F Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 88-F Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 88-F Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 88-F Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 88-F Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 88-F Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 88-F Family of Medium	77	Bulldozers, with or without Grousers, 5,000 lb or Less—Flatcars or Gondolas	3	
89 Bulldozers, with Grousers, Over 54,000 lb—Flatcars 80 Bulldozers, with or without Grousers, Crosswise—Flatcars 81 Tanks and Similar Units 100,000 lb to 140,000 lb—Flatcars, DODX 140-Ton, with Chain Tie- 82 Downs 83 Wheels, Mounted Railroad—Gondolas 84 Wheels, Mounted Railroad—Gondolas 85 Wheels, Mounted Railways, Single Layer or Two Layers High, Specially Equipped Flatcar 86 Carrier, Personnel, M113, or Similar Type Vehicles—Flatcars, G-85 or G-89, with Cushioned 87 Rub Rail or Similar Railroad Flatcars 88 Scrap, Metal, Loose and Baled—Gondolas 89 Tracked Vehicles, 30,000 lb or Less—Flatcars, with Tie-Down Rails and Cushioning Devices 80 Iron Ore, Limestone, Coal, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas 81 Military Vehicles, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains—Flatcars 88-B 89 Failletized Load System (PLS), Trucks and Trailers, 95,000 lb or Less per Combined 89-C Vehicle—Flatcars, HTTX or Similar Type, Equipped with Cushioning Devices 89-Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 89-Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 89-Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 89-Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 89-Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 89-Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 89-Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 89-Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 89-Family of Medium Tactical Vehicles (MTV) Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or 89-Family of Medium Tactical Vehicles (MTV) Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or 89-Family of Medium Tactical Vehicle (MTV), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or 89-Family of Medium Tactical Vehicle (MTV), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or 89-		Bulldozers, with or without Grousers, 5,000 lb to 54,000 lb, Inclusively—Flatcars or Gondolas	3	
Bulldozers, with or without Grousers, Crosswise—Flatcars Tanks and Similar Units 100,000 lb to 140,000 lb—Flatcars, DODX 140-Ton, with Chain Tie- Downs Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas Wheels, Mounted Railroad, Similar Type Vehicles—Flatcars, G-85 or G-89, with Cushioned Rub Rail or Similar Railroad Flatcars Scrap, Metal, Loose and Baled—Gondolas Tracked Vehicles, 30,000 lb or Less—Flatcars, with Tie-Down Rails and Cushioning Devices Iron Ore, Limestone, Coal, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas Military Vehicles, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains— Flatcars Palletized Load System (PLS), Trucks and Trailers, 95,000 lb or Less per Combined Vehicle—Flatcars, HTTX or Similar Type, Equipped with Cushioning Devices Family of Medium Tactical Vehicles (FMTV) with 9-280 Electronic Shelters  88-D Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) Military Vehicles, Armoured, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains—Flatcars Caiman Multi-theater Vehicle (Mtv), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Less, Secured with Chains—Flatcars Caiman Multi-theater Vehicle (Mtv), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Less, Secured with Chains—Flatcars  88-H Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly And Cushion Device  88-G Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly And Cushion Device  88-G Joint Light Tactical Vehicle (LTV), 24,000 lb or Less—Flatcars with Chain Tie-Down Assembly  6 Check Diple, Plastic, Packaged, Pressure and Sewer—Bulkhead Flatcars  89-J Trailers, M1000 HET—Flatcars  101-B Mine Detector, Vehicle Mounted, Red P	78-B	Tanks and Similar Units, Over 30,000 lb to 100,000 lb, Inclusive, Secured with Chains		check
Tanks and Similar Units 100,000 lb to 140,000 lb—Flatcars, DODX 140-Ton, with Chain Tie- Downs  33 Wheels, Mounted Railroad—Gondolas  44 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas  55 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas  66 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas  67 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas  68 Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas  78 Wheels, Mounted Railroad Flatcars  87 Scrap, Metal, Loose and Baled—Gondolas  88 Iran Green, Loose and Baled—Gondolas  89 Scrap, Metal, Loose and Baled—Gondolas  80 Iran Ore, Limestone, Coal, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas  81 Iron Ore, Limestone, Coal, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas  82 Iran Whiter Wehicles, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains—  83 Flatcars  84 Palletized Load System (PLS), Trucks and Trailers, 95,000 lb or Less per Combined  84 Vehicle—Flatcars, HTTX or Similar Type, Equipped with Cushioning Devices  85 Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters  86 Willtary Vehicles, Armoured, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured  87 with Chains—Flatcars  88 Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC)  88 Willtary Vehicles, Armoured, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured  88 With Chains—Flatcars  89 Caiman Multi-theater Vehicle (MtV), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or  89 Farminger, M870A2E1, 24,500 lb or Less—Flatcars, 60 ft Long  80 Farminger, M870A2E1, 24,500 lb or Less—Flatcars, 60 ft Long  81 Trailer, M870A2E1, 24,500 lb or Less—Flatcars, 60 ft Long  82 Farminger, M870A2E1, 24,500 lb or Less—Flatcars, 60 ft Long  83 Farminger, M870A2E1, 24,500 lb or Less—Flatcars, 60 ft Long  84 Farmomanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors  85	79			
Wheels, Mounted Railroad—Gondolas Wheels, Mounted Railroad—Gondolas Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas Rub Rail or Similar Railroad Flatcars Rub Rail or Similar Railroad Flatcars, with Tie-Down Rails and Cushioning Devices Rub Irracked Vehicles, 30,000 lb or Less—Flatcars, and Similar Material—Hopper and Gondolas Military Vehicles, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains— Flatcars Palletized Load System (PLS), Trucks and Trailers, 95,000 lb or Less, Secured with Chains— Flatcars Palletized Load System (PLS), Trucks and Trailers, 95,000 lb or Less, Secured with Chains— Flatcars Pamily of Medium Tactical Vehicles (FMTV) with 5-280 Electronic Shelters Military Vehicles, Armoured, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured With Chains—Flatcars Caiman Multi-theater Vehicle (Mtv), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Less, Secured with Chains—Flatcars All Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly And Cushion Device Reference or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors Ferromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors Pipe, Plastic, Packaged, Pressure and Sewer—Bulkhead Flatcars Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, with Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars  Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only) Cellulose, Fiber Insulation Board, Less than 31 lb/ft³ Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead F	80	· · · · · · · · · · · · · · · · · · ·		
Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas Wheels, Mounted Railways, Single Layer or Two Layers High, Specially Equipped Flatcar Carrier, Personnel, M113, or Similar Type Vehicles—Flatcars, G-85 or G-89, with Cushioned Rub Rail or Similar Railroad Flatcars Scrap, Metal, Loose and Baled—Gondolas Tracked Vehicles, 30,000 lb or Less—Flatcars, with Tie-Down Rails and Cushioning Devices Iron Ore, Limestone, Coal, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas Military Vehicles, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains— Flatcars Palletized Load System (PLS), Trucks and Trailers, 95,000 lb or Less, per Combined Vehicle—Flatcars, HTTX or Similar Type, Equipped with Cushioning Devices Pamily of Medium Tactical Vehicles (FMTV) with 5-280 Electronic Shelters Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters Eamily of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) Military Vehicles, Armoured, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains—Flatcars Caiman Multi-theater Vehicle (MtV), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Less, Secured with Chains—Flatcars Caiman Multi-theater Vehicle (MtV), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Less, Secured with Chains—Flatcars Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly And Cushion Device Trailer, M870A2E1, 24,500 lb or Less—Flatcars, 60 ft Long Joint Light Tactical Vehicle (JLTV), 24,000 lb or Less—Flatcar with Chain Tie-Down Assembly Ferromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors Downs and Cushioned Underframe Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII (USMC version only) Gypsum Wallboard, Packaged Sf Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs and Cushioned Underframe Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, With Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars Cellulo	83		6	
Wheels, Mounted Railways, Single Layer or Two Layers High, Specially Equipped Flatcar Carrier, Personnel, M113, or Similar Type Vehicles—Flatcars, G-85 or G-89, with Cushioned Rub Rail or Similar Railorad Flatcars Sorap, Metal, Loose and Baled—Gondolas Tracked Vehicles, 30,000 lb or Less—Flatcars, with Tie-Down Rails and Cushioning Devices Iron Ore, Limestone, Coal, Coke, Bullk Minerals, and Similar Material—Hopper and Gondolas Military Vehicles, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains— Flatcars Palletized Load System (PLS), Trucks and Trailers, 95,000 lb or Less per Combined Vehicle—Flatcars, HTTX or Similar Type, Equipped with Cushioning Devices Re-Develore—Flatcars, HTTX or Similar Type, Equipped with Cushioning Devices Re-Develore—Flatcars, HTTX or Similar Type, Equipped with Cushioning Devices Re-Develore—Flatcars, HTTX or Similar Type, Equipped with Cushioning Devices Re-Develore—Flatcars, HTTX or Similar Type, Equipped with Cushioning Devices Re-Develore—Flatcars, HTTX or Similar Type, Equipped with Cushioning Devices Re-Develore—Flatcars, HTMX or Similar Type, Equipped with Cushioning Devices Re-Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters Re-Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters Re-Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) Military Vehicles, Armoured, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured With Chains—Flatcars Caiman Multi-theater Vehicle (MtV), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Res-Secured with Chain Tie-Down Assembly And Cushion Device Res-Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly And Cushion Device Res-Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly Res-Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly Res-Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly Res-Trailer, M870A2E1, 24,500 lb or Less—Flatcars, 60 ft Long Res-Trailer, M870A2E1, 24,500 lb or Less—Flatcars, 60 ft Long Res-Trailer, M8	83	Wheels, Mounted Railroad—Gondolas	2	check
Carrier, Personnel, M113, or Similar Type Vehicles—Flatcars, G-85 or G-89, with Cushioned Rub Rail or Similar Railroad Flatcars Scrap, Metal, Loose and Baled—Gondolas Tracked Vehicles, 30,000 lb or Less—Flatcars, with Tie-Down Rails and Cushioning Devices Iron Ore, Limestone, Coal, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas Military Vehicles, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains— Flatcars Palletized Load System (PLS), Trucks and Trailers, 95,000 lb or Less per Combined Vehicle—Flatcars, HTTX or Similar Type, Equipped with Cushioning Devices Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters Family of Medium Tactical Vehicles (FMTV) with MS-280 Electronic Shelters Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) Military Vehicles, Armoured, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains—Flatcars Caiman Multi-Haeter Vehicle (Mtv), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Less, Secured with Chains—Flatcars R8-H Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly And Cushion Device Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly And Cushion Device Trailer, M870A2E1, 24,500 lb or Less—Flatcars, 60 ft Long Joint Light Tactical Vehicle (JLTV), 24,000 lb or Less—Flatcar with Chain Tie-Down Assembly Joint Light Tactical Vehicle (JLTV), 24,000 lb or Less—Flatcar with Chain Tie-Down Assembly Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII Joyan Wallboard, Packaged, Pressure and Sewer—Bulkhead Flatcars Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, with Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars  Mine Detonation Trailer (FMDT) (SMDT) (TMDT) (USMC version only)  Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, Minimum Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, Minimum Width 4 ft, Un	84	Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas	2	check
Rub Rail or Similar Railroad Flatcars Scrap, Metal, Loose and Baled—Gondolas Scrap, Metal, Loose and Baled—Gondolas Tracked Vehicles, 30,000 lb or Less—Flatcars, with Tie-Down Rails and Cushioning Devices Iron Ore, Limestone, Coal, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas Military Vehicles, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains— Flatcars Palletized Load System (PLS), Trucks and Trailers, 95,000 lb or Less, Secured with Chains— Flatcars Palletized Load System (PLS), Trucks and Trailers, 95,000 lb or Less per Combined Vehicle—Flatcars, HTTX or Similar Type, Equipped with Cushioning Devices Pamily of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) Military Vehicles, Armoured, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains—Flatcars Caiman Multi-theater Vehicle (Mtv), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Less, Secured with Chains—Flatcars Caiman Multi-theater Vehicle (Mtv), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Less, Secured with Chains—Flatcars Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly And Cushion Device Trailers, M870A2E1, 24,500 lb or Less, Secured with Chains—Flatcars Trailer, M870A2E1, 24,500 lb or Less, Secured with Chains—Flatcars Ferromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors Trailer, Platcical Vehicle (LITV), 24,000 lb or Less—Flatcars  101 Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII Check Check Check Downs and Cushioned Underframe  Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only)  Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, with Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars  Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only)  Cellulose, Fiber Insulation Board, Less than 31 lb/ff Density, Gypsum Board, Packaged, Placed Lengthwis	85	Wheels, Mounted Railways, Single Layer or Two Layers High, Specially Equipped Flatcar	2	check
87-B Tracked Vehicles, 30,000 lb or Less—Flatcars, with Tie-Down Rails and Cushioning Devices 88-B Iron Ore, Limestone, Coal, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas 88-B Military Vehicles, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains— Flatcars Palletized Load System (PLS), Trucks and Trailers, 95,000 lb or Less per Combined Vehicle—Flatcars, HTTX or Similar Type, Equipped with Cushioning Devices 88-D Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters 88-E Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) Military Vehicles, Armoured, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains—Flatcars Caiman Multi-theater Vehicle (Mtv), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Less, Secured with Chains—Flatcars  88-H Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly And Cushion Device 88-I Tractors, Truck, Heavy, 36,500 lb or less, Secured with Chains—Flatcars 68-J Trailer, M870A2E1, 24,500 lb or Less—Flatcars, 60 ft Long 88-K Joint Light Tactical Vehicle (JLTV), 24,000 lb or Less—Flatcar with Chain Tie-Down Assembly Pipe, Plastic, Packaged, Pressure and Sewer—Bulkhead Flatcars 30 Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII 301-A Gypsum Wallboard, Packages 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie- Downs and Cushioned Underframe 301-A Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only) 302 Cellulose, Fiber Insulation Board, Less than 31 lbf/8 Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, with Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars 302 Cellulose, Fiber Insulation Board, Less than 31 lbf/8 Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead Flatcars 305 Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet Product—Center A-Frame Flatcars 306 Cellulose, Fi	87		6	
87-B Tracked Vehicles, 30,000 lb or Less—Flatcars, with Tie-Down Rails and Cushioning Devices lron Ore, Limestone, Coal, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas 2 check Military Vehicles, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains—Flatcars Palletized Load System (PLS), Trucks and Trailers, 95,000 lb or Less per Combined 6 Vehicle—Flatcars, HTTX or Similar Type, Equipped with Cushioning Devices 88-D Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters 6 Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 6 Military Vehicles, Armoured, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured 6 with Chains—Flatcars Caiman Multi-theater Vehicle (Mtv), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Less, Secured with Chains—Flatcars Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly And Cushion Device 6 Tractors, Truck, Heavy, 36,500 lb or less, Secured with Chains—Flatcars 6 R8-I Tractors, Truck, Heavy, 36,500 lb or less, Secured with Chains—Flatcars 6 R8-I Trailer, M870A2E1, 24,500 lb or Less—Flatcars, 60 ft Long 6 Joint Light Tactical Vehicle (JLTV), 24,000 lb or Less—Flatcar with Chain Tie-Down Assembly 6 Check 7 Pipe, Plastic, Packaged, Pressure and Sewer—Bulkhead Flatcars 3 Joint Light Tactical Vehicle Mounted, Husky (VMMD) MKIII 6 Check 101-A Gypsum Wallboard, Packages 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs and Cushioned Underframe 101-A Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only) 6 Check Crosswise, with Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars 101-B Mine Detonation Trailer (FMDT) (SMDT) (TMDT) (USMC version only) 6 Cellulose, Fiber Insulation Board, Less than 31 lbf <sup>3</sup> Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead Flatcars 102-A Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet Product—Center A-Frame Flatcars 105-Beams and Structural Sh			2	
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Palletized Load System (PLS), Trucks and Trailers, 95,000 lb or Less per Combined Vehicle—Flatcars, HTTX or Similar Type, Equipped with Cushioning Devices  88-D Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters 6 Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC) 6 Military Vehicles, Armoured, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured 6 with Chains—Flatcars Caiman Multi-theater Vehicle (Mtv), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Less, Secured with Chains—Flatcars 88-H Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly And Cushion Device 6 Tractors, Truck, Heavy, 36,500 lb or less, Secured with Chains—Flatcars 6 Trailer, M870A2E1, 24,500 lb or less—Flatcars, 60 ft Long 6 Joint Light Tactical Vehicle (JLTV), 24,000 lb or Less—Flatcar with Chain Tie-Down Assembly 7 Fighe, Plastic, Packaged, Pressure and Sewer—Bulkhead Flatcars 7 Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII 7 Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII (USMC version only) 7 Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only) 8 Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, with Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars 7 Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only) 7 Cellulose, Fiber Insulation Board, Less than 31 lb/ft³ Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead Flatcars 7 Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet Product—Center A-Frame Flatcars 8 Means and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces—		Military Vehicles, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains—		
88-D Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters  88-E Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC)  Military Vehicles, Armoured, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured  with Chains—Flatcars  Caiman Multi-theater Vehicle (Mtv), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or  Less, Secured with Chains—Flatcars  88-H Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly And Cushion Device  88-I Tractors, Truck, Heavy, 36,500 lb or less, Secured with Chains—Flatcars  6 Trailer, M870A2E1, 24,500 lb or Less—Flatcars, 60 ft Long  88-K Joint Light Tactical Vehicle (JLTV), 24,000 lb or Less—Flatcar with Chain Tie-Down Assembly  6 Check  89 Ferromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors  100 Pipe, Plastic, Packaged, Pressure and Sewer—Bulkhead Flatcars  101 Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII  101-A Gypsum Wallboard, Packages 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs and Cushioned Underframe  101-A Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only)  6 Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, with Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars  101-B Mine Detonation Trailer (FMDT) (SMDT) (TMDT) (USMC version only)  6 Cellulose, Fiber Insulation Board, Less than 31 lb/ft³ Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead Flatcars  102-A Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet Product—Center A-Frame Flatcars  105 Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces—			6	
88-E Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC)  Military Vehicles, Armoured, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains—Flatcars  Caiman Multi-theater Vehicle (Mtv), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Less, Secured with Chains—Flatcars  88-H Trailers, M1000 HET—Flatcars with Chain Tie-Down Assembly And Cushion Device 6 88-I Tractors, Truck, Heavy, 36,500 lb or less, Secured with Chains—Flatcars 6 88-J Trailer, M870A2E1, 24,500 lb or Less—Flatcars, 60 ft Long 6 88-K Joint Light Tactical Vehicle (JLTV), 24,000 lb or Less—Flatcar with Chain Tie-Down Assembly 6 Check 89 Ferromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors 100 Pipe, Plastic, Packaged, Pressure and Sewer—Bulkhead Flatcars 101 Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII 101-A Gypsum Wallboard, Packages 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs and Cushioned Underframe 101-A Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only) 6 Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, with Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars 101-B Mine Detonation Trailer (FMDT) (SMDT) (TMDT) (USMC version only) 6 Cellulose, Fiber Insulation Board, Less than 31 lb/ft³ Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead Flatcars 102-A Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet Product—Center A-Frame Flatcars 105 Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces—		· · · · · · · · · · · · · · · · · · ·	6	
Military Vehicles, Armoured, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains—Flatcars Caiman Multi-theater Vehicle (Mtv), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Less, Secured with Chains—Flatcars  88-H Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly And Cushion Device 6 Tractors, Truck, Heavy, 36,500 lb or less, Secured with Chains—Flatcars 6 Trailer, M870A2E1, 24,500 lb or Less—Flatcars, 60 ft Long 6 S8-K Joint Light Tactical Vehicle (JLTV), 24,000 lb or Less—Flatcar with Chain Tie-Down Assembly 6 Erromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors 2 Check Pipe, Plastic, Packaged, Pressure and Sewer—Bulkhead Flatcars 3 In Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII 6 Check Opsum Wallboard, Packages 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs and Cushioned Underframe  101-A Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only) 6 Collulose, With Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars  101-B Mine Detonation Trailer (FMDT) (SMDT) (TMDT) (USMC version only) 6 Cellulose, Fiber Insulation Board, Less than 31 lb/ft³ Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead Flatcars  102-A Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet Product—Center A-Frame Flatcars  105 Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces— 2		· ,		
Caiman Multi-theater Vehicle (Mtv), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Less, Secured with Chains—Flatcars  88-H Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly And Cushion Device 6 R8-I Tractors, Truck, Heavy, 36,500 lb or less, Secured with Chains—Flatcars 6 R8-J Trailer, M870A2E1, 24,500 lb or Less—Flatcars, 60 ft Long 6 R8-K Joint Light Tactical Vehicle (JLTV), 24,000 lb or Less—Flatcar with Chain Tie-Down Assembly 6 Rerromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors 7 Rerromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors 7 Rerromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors 7 Rerromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors 7 Rerromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors 7 Rerromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors 7 Rerromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors 8 Rerromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors 8 Rerromanganese or Other Ferro Products of Similar Low-Density Sheet Product—Center A-Frame Flatcars 8 Reams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces—  2	88-F	Military Vehicles, Armoured, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured	6	
88-H Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly And Cushion Device  88-I Tractors, Truck, Heavy, 36,500 lb or less, Secured with Chains—Flatcars  88-J Trailer, M870A2E1, 24,500 lb or Less—Flatcars, 60 ft Long  88-K Joint Light Tactical Vehicle (JLTV), 24,000 lb or Less—Flatcar with Chain Tie-Down Assembly  89 Ferromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors  100 Pipe, Plastic, Packaged, Pressure and Sewer—Bulkhead Flatcars  101 Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII  101-A Gypsum Wallboard, Packages 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs and Cushioned Underframe  101-A Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only)  101-B Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, with Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars  101-B Mine Detonation Trailer (FMDT) (SMDT) (TMDT) (USMC version only)  102 Cellulose, Fiber Insulation Board, Less than 31 lb/ft <sup>3</sup> Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead Flatcars  102-A Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet Product—Center A-Frame Flatcars  105 Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces—  2	88-G		6	
88-I Tractors, Truck, Heavy, 36,500 lb or less, Secured with Chains—Flatcars  88-J Trailer, M870A2E1, 24,500 lb or Less—Flatcars, 60 ft Long  88-K Joint Light Tactical Vehicle (JLTV), 24,000 lb or Less—Flatcar with Chain Tie-Down Assembly  89 Ferromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors  100 Pipe, Plastic, Packaged, Pressure and Sewer—Bulkhead Flatcars  3 101 Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII  6 Check  101-A Gypsum Wallboard, Packages 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs and Cushioned Underframe  101-A Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only)  6 Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, with Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars  101-B Mine Detonation Trailer (FMDT) (SMDT) (TMDT) (USMC version only)  6 Cellulose, Fiber Insulation Board, Less than 31 lb/ft <sup>3</sup> Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead Flatcars  102-A Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet Product—Center A-Frame Flatcars  105 Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces—  2			6	
<ul> <li>88-J Trailer, M870A2E1, 24,500 lb or Less—Flatcars, 60 ft Long</li> <li>88-K Joint Light Tactical Vehicle (JLTV), 24,000 lb or Less—Flatcar with Chain Tie-Down Assembly</li> <li>89 Ferromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors</li> <li>2 check</li> <li>100 Pipe, Plastic, Packaged, Pressure and Sewer—Bulkhead Flatcars</li> <li>3 Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII</li> <li>101-A Gypsum Wallboard, Packages 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs and Cushioned Underframe</li> <li>101-B Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only)</li> <li>101-B Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, with Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars</li> <li>101-B Mine Detonation Trailer (FMDT) (SMDT) (TMDT) (USMC version only)</li> <li>102 Cellulose, Fiber Insulation Board, Less than 31 lb/ft<sup>3</sup> Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead Flatcars</li> <li>102-A Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet Product—Center A-Frame Flatcars</li> <li>105 Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces—</li> </ul>		•		
88-K Joint Light Tactical Vehicle (JLTV), 24,000 lb or Less—Flatcar with Chain Tie-Down Assembly 89 Ferromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors 2 check 100 Pipe, Plastic, Packaged, Pressure and Sewer—Bulkhead Flatcars 3 101 Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII 6 check 101-A Gypsum Wallboard, Packages 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie- Downs and Cushioned Underframe 101-A Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only) 6 Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, with Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars 101-B Mine Detonation Trailer (FMDT) (SMDT) (TMDT) (USMC version only) 6 Cellulose, Fiber Insulation Board, Less than 31 lb/ft³ Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead Flatcars 102-A Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet Product—Center A-Frame Flatcars 105 Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces— 2	88-J	·	6	
Ferromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors  Pipe, Plastic, Packaged, Pressure and Sewer—Bulkhead Flatcars  Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII  Gypsum Wallboard, Packages 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs and Cushioned Underframe  Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only)  Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, with Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars  Mine Detonation Trailer (FMDT) (SMDT) (TMDT) (USMC version only)  Cellulose, Fiber Insulation Board, Less than 31 lb/ft <sup>3</sup> Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead Flatcars  Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet Product—Center A-Frame Flatcars  Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces—  2	88-K		6	check
<ul> <li>Pipe, Plastic, Packaged, Pressure and Sewer—Bulkhead Flatcars</li> <li>Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII</li> <li>Gypsum Wallboard, Packages 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs and Cushioned Underframe</li> <li>Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only)</li> <li>Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, with Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars</li> <li>Mine Detonation Trailer (FMDT) (SMDT) (TMDT) (USMC version only)</li> <li>Cellulose, Fiber Insulation Board, Less than 31 lb/ft<sup>3</sup> Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead Flatcars</li> <li>Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet Product—Center A-Frame Flatcars</li> <li>Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces—</li> </ul>	89	Ferromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors	2	
<ul> <li>Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII</li> <li>Gypsum Wallboard, Packages 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs and Cushioned Underframe</li> <li>Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only)</li> <li>Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, with Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars</li> <li>Mine Detonation Trailer (FMDT) (SMDT) (TMDT) (USMC version only)</li> <li>Cellulose, Fiber Insulation Board, Less than 31 lb/ft³ Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead Flatcars</li> <li>Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet Product—Center A-Frame Flatcars</li> <li>Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces—</li> </ul>				
101-A Gypsum Wallboard, Packages 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie- Downs and Cushioned Underframe  101-A Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only)  Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, with Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars  101-B Mine Detonation Trailer (FMDT) (SMDT) (TMDT) (USMC version only)  Cellulose, Fiber Insulation Board, Less than 31 lb/ft <sup>3</sup> Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead Flatcars  102-A Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet Product—Center A-Frame Flatcars  105 Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces—  2		· ·		check
<ul> <li>Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only)</li> <li>Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, with Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars</li> <li>Mine Detonation Trailer (FMDT) (SMDT) (TMDT) (USMC version only)</li> <li>Cellulose, Fiber Insulation Board, Less than 31 lb/ft<sup>3</sup> Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead Flatcars</li> <li>Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet Product—Center A-Frame Flatcars</li> <li>Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces—</li> </ul>	101-A	Gypsum Wallboard, Packages 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-		
101-B Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, with Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars  101-B Mine Detonation Trailer (FMDT) (SMDT) (TMDT) (USMC version only)  102 Cellulose, Fiber Insulation Board, Less than 31 lb/ft <sup>3</sup> Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead Flatcars  102-A Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet Product—Center A-Frame Flatcars  105 Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces—  2	101-A		6	
<ul> <li>Mine Detonation Trailer (FMDT) (SMDT) (TMDT) (USMC version only)</li> <li>Cellulose, Fiber Insulation Board, Less than 31 lb/ft³ Density, Gypsum Board, Packaged,         Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead Flatcars</li> <li>Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet         Product—Center A-Frame Flatcars</li> <li>Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces—</li> </ul>		Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or		check
102 Cellulose, Fiber Insulation Board, Less than 31 lb/ft³ Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead Flatcars  102-A Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet Product—Center A-Frame Flatcars  105 Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces—  2	101-B		6	
102-A Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet Product—Center A-Frame Flatcars  105 Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces—  2		Cellulose, Fiber Insulation Board, Less than 31 lb/ft <sup>3</sup> Density, Gypsum Board, Packaged,		
105 Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces— 2	102-A	Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet	5	check
	105	Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces—	2	

Fig. No.	Title	Section	Circular?
105-A	Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces— Flatcars, with Cushioning Devices	2	
106	Beams and Structural Shapes, Load Not to Exceed 60 in. Above Bearing Pieces, Single- or Double-End Overhang—Flatcars, 60 ft Long and Over, with Fixed Bearing Pieces	2	
106-A	Beams, H and I, Webs Horizontal or Vertical, Single Load, Single- or Double-End Overhang, Load Not to Exceed 44 in. Above Bearing Pieces—Flatcars, 60 ft Long and Over	2	
106-B	Beams, H and I, Webs Horizontal or Vertical, Single Load, Single- or Double-End Overhang, Load Not to Exceed 60 in. Above Bearing Pieces—Flatcars, 60 ft Long and Over	2	
107-A	Beam Blanks, Semi-Finished—Gondolas	2	
109	Beams, Steel, H and I, Maximum Size 42 in., 18 ft Long and Over, Webs Horizontal or Vertical—Bulkhead Flatcars, with Cushioning Devices	2	check
109-A	Beams, Steel, H and I, 20 ft to 65 ft Long, Packaged—Gondolas	2	.11
112-A	Engineered-Wood Products, LVL, PSL, and LSL Structural Beams and I-Joists, Packaged, 8 ft Long and Over—Bulkhead Flatcars, 48 ft and Over	5	check
113	Engineered-Wood Products, LVL, PSL, and LSL Structural Beams and I-Joists, Packaged— Center A-Frame Flatcars, with Cable or Web Tie-Downs	5	check
114	Mats, Tilt-Up Hardwood, 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs	5	check
115	I-Beams, Metal, 30 ft to 80 ft Long, Webs Vertical—81 ft Flatcars, Equipped with Permanent End Bulkheads, Partial-Height Center Partition, Cushioning Devices, and Web Tie-Down Assemblies	2	
115	Mats, Bolted Hardwood, 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs	5	<u>check</u>
115	Pipe, Cement, 26 in. or Less Diameter, in Pyramidal Form, with No. 8 Gauge High Tension Wire or 1 1/4 in. × .029 in. High Tension Bands—Gondolas	3	
115-A	Beams, Structural, Metal, 48 in. High or Less, Restricted Mixed Lengths at Least 30 ft Long, Webs Horizontal—Partial-Height Center-Partition Flatcars, 81 ft Long, Equipped with	2	
115-A	Permanent End Bulkheads, Cushioning Devices, and Web Tie-Down Assemblies Pipe, Cement, 3 in. to 14 in. I.D., with or without Couplings—Flatcars, with Wood or Nailable Steel Floors	3	
115-B	Beams, Metal, Various Lengths, Webs Vertical, Except Top Layer Loaded with Webs Horizontal—81 ft Flatcars, Equipped with Permanent End Bulkheads, Partial-Height	2	
115-C	Center Partition, Cushioning Devices, and Web Tie-Down Assemblies I-Beams, Structural, Metal, 41 ft to 60 ft Long, Webs Vertical—Partial-Height Center-Partition Flatcars, 81 ft Long or Less, Equipped with Permanent End Bulkheads, Cushioning Devices, and Web Tie-Down Assemblies	2	
116	Pipe, Cement, 36 in. I.D. or Less, Height Not to Exceed 10 ft Above Car Floor—Flatcars, with Wood or Nailable Steel Floors	3	
117	Pipe, Pressure, Reinforced Concrete, 5 ft 10 in. to 15 ft 0 in. diameter, Nominal 16 ft or 20 ft Lengths, Two Pipes per Car—Flatcars, with Wood or Nailable Steel Floors	3	
117-A	Pipe, Pressure, Reinforced Concrete, 22 to 74 in. Diameter, Inclusive, Double Pile of Nominal 16 ft or 20 ft Lengths—Flatcars with Wood or Nailable Steel Floors	3	
118	Pipe, Concrete, on End—Flatcars or Gondolas	3	
119	Pipe, Conduit, or Tubing, Steel, 1/2 in. to 3 1/2 in. O.D., 10 ft to 45 ft Long, Bundled—Center Beam Flatcars	2	check
120	Pipe, Conduit, or Tubing, Steel, 1/2 in. to 9 in. O.D., 10 ft to 45 ft Long, Bundled—Bulkhead Flatcars, with Cushioning Devices	2	check
121	Pipe, Steel, Bundled Threaded or Not, Uncoated and Varnish Coated, 1/2 in. to 10 in., Nominal Diameter, Inclusive, Minimum Length 38-ft Flatcars 48 ft or Over, Equipped with Permanent End Bulkheads and Permanent Steel Side Stakes	2	check
124-A	Pipe, Steel, Coated or Uncoated, 24 in. OD or Less, 40 ft to 61 ft Long—Gondolas	2	
124-B	Pipe, Steel, 26 in. OD or Less, Maximum 48 ft Mixed Diameters, Secured with Non-Metallic Strapping—52-ft Gondolas	2	
124-C	Pipe, Steel, 26 in. Maximum Diameter, Uniform or Mixed Lengths and Diameters, Secured with Non-Metallic Strapping—Gondola Cars	2	
125	Pipe, Steel, 26 in. O.D. or Less, , Uniform or Mixed Lengths and Diameters—Gondolas with Fixed Steel Stakes and High End Bulkheads	2	
126	Pipe, Steel and Wrought Iron, 26 in. O.D. or Less—Gondolas	2	

<b>Fig. No.</b> 127	Title Pipe, Steel, Uncoated or Coated, 18 in. to 26 in.O.D., 25 ft to 64 ft Long—Gondolas with Sides	Section 2	Circular?
128-B	a Minimum of 5 ft High Pipe, Steel, Bare, Coated, 4 in. to 20 in. O.D., 25 ft Long and Over—Bulkhead Flatcars, with	2	check
400	Cushioning Devices	0	ala a al c
129	Pipe, Steel, Uncoated and Varnish Coated, 4 in. to 10 3/4 in. O.D.—Bulkhead Flatcars	2	check
129-A	Pipe, Steel, Uncoated, 3 in. to 10 3/4 in. O.D.—Bulkhead Flatcars	2	
130	Pipe, Steel and Wrought Iron, Over 26 in. O.D., 8 ft to 12 ft Long—Gondolas	2	
131	Pipe, Steel and Wrought Iron, 24 in. O.D. and Over, 63 ft Long or Less—Gondolas	2	
131-A 134	Pipe, Steel, 30 in. O.D., 40 ft Long or Less, 12 Pieces per Car—Gondolas with High Sides Pipe, Steel, Uncoated, 12 in. to 16 in. O.D., 80 ft Long—Flatcars. 89 ft Long, with Cushioning Devices	2 2	
134	Placement of Trailer(s) and Container(s) on Flatcars	7	
134-C	Pipe, Steel and Wrought Iron, 20 in. to 40 in. O.D.—Flatcars, with PermaStakes	2	
136	Pipe, Casing, and Tubing, Steel, Uncoated or Varnish Coated, 4 1/2 in. to 8 5/8 in. O.D., 38 ft Long and Over—Bulkhead Flatcars	2	
137-A	Pipe, Steel and Wrought Iron, Wrapped or Coated—Gondolas	2	
139	Panels and Beams, Concrete, Prestressed—Bulkhead Flatcars, with 15 in. Minimum Travel Cushion Underframe	3	
139	Pipe, Cast Iron or Ductile, 12 in. I.D. and Less, 12 ft Long or Over—Gondolas	2	
139-A	Beams, Concrete Box (Bridge Slabs)—Gondolas	3	
140	Ties, Concrete, Switch- and Cross Ties—Bulkhead Flatcars, with or Without Constant Tensioning and Cushioning Devices	3	
140-A	Ties, Concrete, Switch- and Crossties—Bulkhead Flatcars, with Cushioning Devices	3	
141	Pipe, Cast Iron or Ductile, 14 in. I.D. and Less—Flatcars	2	
141	Track Panels, Mixed Lengths—Specially Equipped Flatcars with Permanent A-Frame Structure	3	check
142	Building Units, Concrete, Modular, 65,000 lb or Less—Flatcars	3	
142	Pipe, Cast Iron or Ductile, 16 in. I.D. and Over—Flatcars	2	
142-A	Pipe, Cast Iron or Ductile, with Bell or Mechanical Joint, 24 in. I.D. or Less—Flatcars	2	
142-B	Pipe, Cast Iron or Ductile, with Bell or Mechanical Joint, 12 in. I.D. and Less—Flatcars	2	
143	Pipe, Cast Iron or Ductile, Less than 24 in. I.D., 12 ft Long or Over (Not Exceeding Two Layers Above Top of Car Sides)—Gondolas	2	
144	Pipe, Steel and Cast Iron or Ductile, 1 1/2 in. to 12 in. O.D., 10 ft Long or Over—Riserless Flatcars, with Center A-Frame, Permanent End Bulkheads, and Cable Tie-Down Assemblies	2	
147-A	Pipe, Cast Iron or Ductile, 3 in. to 54 in. I.D.—Bulkhead Flatcars, with Chain Tie-Downs or Band Anchors	2	
147-C	Pipe, Cast Iron or Ductile, 30 in. to 36 in. I.D., 18 ft to 21 ft Long—Bulkhead Flatcars, with Cushioning Devices	2	
147-D	Pipe, Ductile, 3 in. to 64 in. I.D.— Flatcars, Fixed Wood Bearing Pieces and Lading Anchors (Tested by STCC 3321120)	2	check
148	Pipe, Corrugated Steel, Galvanized, 30 in. O.D. or Less—Gondolas	2	
149	Pipe, Corrugated Steel, Galvanized, Less than 36 in. O.D.—Gondolas	2	
150	Pipe, Corrugated Steel, Galvanized, Less than 36 in. O.D.—Gondolas	2	
150	Stone, Large, Single Layer—Flatcars or Gondolas, with Wood or Nailable Steel Floors	3	
151	Pipe, Corrugated Steel, Galvanized, Less than 36 in. O.D.—Flatcars	2	
151	Stones, Pulp Grinder, Cores Lengthwise—Gondolas or Flatcars, with Wood or Nailable Steel Floors	3	
151-A	Pipe, Corrugated Steel, Galvanized, 12 in. O.D. or Less, 10 ft Long or Over—Flatcars	2	
151-B	Pipe, Corrugated Steel, Galvanized, 12 in. to 60 in. O.D., 10 ft Long or Over—Flatcars	2	
151-C	Pipe, Corrugated Steel, Galvanized, 12 in. to 60 in. O.D., 10 ft Long or Over—Flatcars	2	
152	Pipe, Corrugated Steel, Galvanized, 36 in. O.D. or Over, with HT Wire—Flatcars or Gondolas	2	
153	Pipe, Conduit, or Tubing, Aluminum, 16 in. O.D. or Less—Flatcars	2	
154	Tubing, Steel, Squares and Rectangles, Hollow Structural, 12 in. × 12 in. or Less—Gondolas	2	
154-A	Tubing, Squares and Rectangles, Hollow Structural, 12 in. × 12 in. or Less—Bulkhead Flatcars	2	

Tubing, Steel, Squares, Rectangles, Hollow Structural, and Rounds, Over 12 ft Long, Packaged—Bulkhead Flatars, with Cushioning Devices Pipe, Corrugaled, Aluminum—Flatars Pipe, Steel, Bare, 12 34 in., 16 in., or 24 in. OD, 50 ft or Longer—Center A-Frame Riserless Flatars, with Cushioning Devices Pistors, with Cushioning Devices Pistors, with Cushioning Devices Pistors, With Cushioning Devices Pistors, With Cushioning Devices Pistors Pipe, Steel, Bare, 12 34 in., 16 in., or 24 in. OD, 50 ft or Longer—Center A-Frame Riserless Pistors Pipe, Steel Floors Pipe, Steel Floors Pipes Bulldozers, with Cushion Tier Devices Pipes Bulldozers, with Grousers—Flatacis, with Chain Tier Down Allable Steel Floors Pipes Bulldozers, With Grousers—Flatacis, with Chain Tier Down Pipes P	Fig. No.	Title	Section	Circular?
166 Pipe, Corrugated, Aluminum, 36 in, O.D. or Over, 10 ft Long and Over—Flatcars 2 Pipe, Steel, Bare, 12 3/4 in., 16 in., or 24 in. OD, 50 ft or Longer—Center A-Frame Riserless 2 Pipe, Steel, Bare, 12 3/4 in., 16 in., or 24 in. OD, 50 ft or Longer—Center A-Frame Riserless 2 Pipe, Steel, Bare, 12 3/4 in., 16 in., or 24 in. OD, 50 ft or Longer—Center A-Frame Riserless 3 170 Construction Debris—Gondolas 3 171 Heat Exchanger, DODX 300 fton—Flatcars 6 181 Electrodes, Lengthwise—Bulkhead Flatcars, Cushioned or Non-Cushioned, with Wood or Nailable Steel Florors 9 190 Houses or Buildings, Not to Exceed 500 ft per Linear Foot, Fabricated or Portable—Flatcar, with Cushion Underframes and/or End-of-Car Cushioning Devices 9 190 Housers, with Groups—Flatcars, with Chain Tie-Downen 3 190 Semi-Trailers, Flatbed with Rigid Gooseneck and Dual Wheels, Double Decked—Flatcars, 6 190 With Hitches 190 Hitches 190 House 190 Hitches 190 Hi	-	Tubing, Steel, Squares, Rectangles, Hollow Structural, and Rounds, Over 12 ft Long,		
Pipe, Steel, Bare, 12 34 in, 15 in, or 24 in, OD, 50 ft or Longer—Center A-Frame Riseriess Flatcars, with Cushioning Devices				
Flatears, with Cushioning Devices  170 Construction Debris—Gondolas  180 Electrodes, Lengthwise—Bulkhead Flatears, Cushioned or Non-Cushioned, with Wood or Naliable Steel Florors  190 Houses or Buildings, Not to Exceed 500 lb per Linear Foot, Fabricated or Portable—Flatear, with Cushion Underframes and/or End-of-Car Cushioning Devices  200 Bulldozers, with Grousers—Flatears, with Chain Tie-Downs  201 Semi-Trailers, Flatbed with Rigid Gooseneck and Dual Wheels, Double Decked—Flatears, with Hitches  202 Semi-Trailers, Flatbed, Double Decked, Secured with Chains Only  203 Semi-Trailers, Flatbed, Double Decked, Secured with Chains only  204 Trailers, Flatbed, Double Decked, Secured with Chains and Blocking  205 Semi-Trailers, Pathbed, Double Decked, Secured with Chains and Blocking  206 Semi-Trailers, Pathbed, Double Decked, Flatears, with Hitches  207 Semi-Trailers, Empty, Single and Dual Wineels—Flatears, with Hitches  208 Semi-Trailers, Empty, Single and Dual Wineels—Flatears, with Chain Tie-Down Assembly and  209 Cushioning Device  209 Loaders, Wheels Removed, 120,000 lb or Less—Flatears, with Chain Tie-Down Assembly and  200 Cushioning Devices  201 Trailers, Flatbed, Tires, Four Wheel, With or without Buckets, Dozers, etc., 130,000 lb or Less—Flatears, with Chain Tie-Down Assembly and Cushioning Devices  205 Tractors, Pneumatic Tires, Four Wheel, 45,500 lb to 10,500 lb, Lengthwise, Flatears, with Chain Tie-Down Assembly and Cushioning Devices  206 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatears, with Chain Tie-Down Assembly and Cushioning Devices  207 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatears, with Chain Tie-Down Assembly and Cushioning Devices  208 Bar Steel, Round, 12 ft Long or Over—Flatbed Trailers  210 Graders, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatears, with Chain Tie-Down Assembly  211 Bar Steel, Round, 12 ft Long or Over—Flatbed Trailers  212 Steel, Flat Rolled, Unoiled, Bundled, Maximum Weight 44,				
177 Heat Exchanger, DODX 300 ton—Flatcars 180 Electrodes, Lengthwise—Bulkhead Flatcars, Cushioned or Non-Cushioned, with Wood or Naliable Steel Floors 190 Houses or Buildings, Not to Exceed 500 lb per Linear Foot, Fabricated or Portable—Flatcar, with Cushion Underframes and/or End-of-Car Cushioning Devices 200 Bulldozers, with Grousers—Flatcars, with Chain Tie-Downs 2010 Semi-Trailers, Flatted with Rigid Gooseneck and Dual Wheels, Double Decked—Flatcars, 2010 With Hitches 2010 Trailers, Flatted, Double Decked, Secured with Chains Only 2010 Eleminary, Flatted of Michaels, Souble Decked 2010 Semi-Trailers, 20 Ton, Triple Decked—Flatcars, with Hitches 2020 Eleminary, Single and Dual Wheels—Flatcars, with Hitches 2021 Trailers, Flatted with Bulkheads, Double Decked 2022 End-Trailers, Engly, Single and Dual Wheels—Flatcars, with Hitches 2023 End-Trailers, Engly, Single and Dual Wheels—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 203 Loaders, Wheels Removed, 120,000 lb or Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 204 Beams, Steel, "T' Roof Type—Flatbed Trailers 205 Elemins, 1.1/2 Ton, Two-Wheel, with or without Buckets, Dozers, etc., 130,000 lb or Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 206 Tractors, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc.—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 206 Tractors, Pneumatic Tires, Four Wheel, 5500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 207 Tractors, Pneumatic Tires, Four Wheel, 5500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 208 Tractors, Pneumatic Tires, Four Wheel, 5500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 209 Tractors, Pneumatic Tires, Four Wheel, 5500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 209 Tractors, Pneumatic Tires, Four Wheel, 5500 lb to 10,500 lb, Lengthwise, F	160		2	
Electrodes, Lengthwise—Bulkhead Flatcars, Cushioned or Non-Cushioned, with Wood or Nailable Steel Floors	170	Construction Debris—Gondolas	3	
Nailable Steei Floors Houses or Buildings, Not to Exceed 500 lb per Linear Foot, Fabricated or Portable—Flatcar, with Cushion Underframes and/or End-of-Car Cushioning Devices  200 Bulldozers, with Grousers—Flatcars, with Chain Tie-Downs Semi-Trailers, Flatbed with Rigid Gooseneck and Dual Wheels, Double Decked—Flatcars, with Hitches 200-A Trailers, Flatbed, Double Decked, Secured with Chains and Blocking 200-B Trailers, Flatbed, Double Decked, Secured with Chains and Blocking 200-B Trailers, Entbed, Double Decked, Secured with Chains and Blocking 201-Semi-Trailers, 20 Ton, Triple Decked—Flatcars, with Hitches 202-Semi-Trailers, 20 Ton, Triple Decked—Flatcars, with Hitches 203-Semi-Trailers, 20 Ton, Triple Decked—Flatcars, with Hitches 204-Semi-Trailers, Empty, Single and Dual Wheels—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 205-Cushioning Device 206-Cushioning Device 207-Trailers, 11/2 Ton, Two-Wheel, Lengthwise—TOFC Flat Bed Trailers 208-Semi-Trailers, Fort Wheel, With or without Buckets, Dozers, etc., 130,000 lb or 209-Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 209-Tractors, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc., 130,000 lb or 209-Seminary Semily and Cushioning Devices 209-Tractors, Pneumatic Tires, Four Wheel, 5500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain 209-Tractors, Pneumatic Tires, Four Wheel, 5500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain 209-Tractors, Pneumatic Tires, Four Wheel, 5500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain 209-Tractors, Pneumatic Tires, Four Wheel, 5500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain 209-Tractors, Pneumatic Tires, Four Wheel, 5500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain 209-Tractors, Pneumatic Tires, Four Wheel, 5500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain 209-Tractors, Pneumatic Tires, Four Wheel, 5500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain 200-Tractors, Pneumatic Tires, Four Wheel, 5500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain	177	Heat Exchanger, DODX 300 ton—Flatcars	6	
with Cushion Underframes and/or End-of-Car Cushioning Devices  8uldozers, with Grousers—Flatcars, with Chain Tie-Downs  8emi-Trailers, Flatbed with Rigid Gooseneck and Dual Wheels, Double Decked—Flatcars, with Hitches  7ulers, Flatbed, Double Decked, Secured with Chains and Blocking  8ulers, Flatbed, Double Decked, Secured with Chains and Blocking  8ulers, Flatbed, Double Decked, Secured with Chains and Blocking  8ulers, Flatbed, Double Decked, Secured with Chains and Blocking  8ulers, Flatbed, Double Decked, Secured with Chains and Blocking  8ulers, Flatbed, Double Decked, Secured with Chains and Blocking  8ulers, Flatbed, Double Decked, Secured with Chains and Blocking  8ulers, Flatbed, Double Decked, Secured with Chains and Blocking  8ulers, Flatbed, Double Decked, Secured with Chains and Blocking  8ulers, Flatbed, Too, Tro, Floe Decked—Flatcars, with Hitches  8ulers, Flatbed, Flatbed, Flatbed, Flatbers, With Flatbers, With Flatbers, With Flatbers, With Flatbers, With Chain Tie-Down Assembly and Cushinoing Devices  8ulers, Flatbers, With Chain Tie-Down Assembly and Cushinoing Devices  8ulers, Flatbers, With Chain Tie-Down Assembly and Cushinoing Devices  8ulers, Flatbers, Flatbers, Flatbers, Flatbers, With Chain Tie-Down Assembly and Cushinoing Devices  8ulers, Flatbers, Flatbers, Flatbers, With Chain Tie-Down Assembly and Cushinoing Devices  8ulers, Flatbers, Flatbers, Flatbers, With Chain Tie-Down Assembly and Cushinoing Devices  8ulers, Flatbers, Flatbers, Flatbers, With Chain Tie-Down Assembly and Cushinoing Devices  8ulers, Flatbers, Flatbers, Flatbers, With Chain Tie-Down Assembly and Cushinoing Devices  8ulers, Flatbers, Flatbers, Flatbers, With Chain Tie-Down Assembly and Cushinoing Devices  8ulers, Flatbers, Flatbers, Flatbers, With Chain Tie-Down Assembly and Cushinoing Devices  8ulers, Flatbers, Flatbers, Flatbers, Flatbers, With Chain Tie-Down Assembly and Cushinoing Devices  8ulers, Flatbers, Flatbers, Flatbers, With Chain Tie-Down Assembly and Cushinoing Devices  8ulers, Flatbers, Flatbers, Fla	180		3	
Semi-Trailers, Flatbed with Rigid Gooseneck and Dual Wheels, Double Decked—Flatcars, with Hitches  200-A Trailers, Flatbed, Double Decked, Secured with Chains Only  200-B Trailers, Flatbed, Double Decked, Secured with Chains and Blocking  200-C Trailers, Flatbed with Bulkheads, Double Decked  201 Semi-Trailers, 20 Ton, Triple Decked—Flatcars, with Hitches  202 Semi-Trailers, Entby, Single and Dual Wheels—Flatcars, with Hitches  203 Semi-Trailers, Entpty, Single and Dual Wheels—Flatcars, with Hitches  204 Semi-Trailers, Entpty, Single and Dual Wheels—Flatcars, with Hitches  205 Tractor-Scraper Combination, Pneumatic Tires—Flatcars, with Chain Tie-Down Assembly and  206 Cushioning Devices  207 Cushioning Devices  208 Loaders, Wheels Removed, 120,000 lb or Less—Flatcars Specially Equipped, Including  209 Cushioning Devices  209 Trailers, 11/2 Ton, Two-Wheel, Lengthwise—TOFC Flat Bed Trailers  200 Eass—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices  201 Tractors, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc., 130,000 lb or  202 Loaders, Whom Assembly and Cushioning Devices  203 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain  204 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain  205 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain  206 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain  207 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain  208 Tire Down Assembly  209 Bar Steel, I in. Thick or Less, Bundled—Flatbed Trailers  210 Graders, Pneumatic Tires, Motor, Six Wheel—Flatcars, with Chain Tie-Down Assembly and  221 Steel, Flat Rolled, Plackaged, with Skids—Flatbed Trailers  222 Steel, Flat Rolled—Flatbed Trailers  223 Steel, Flat Rolled—Flatbed Trailers  224 Steel, Roll, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers  225 Tool, Steel, I	190		3	
200 with Hitches 200-B Trailers, Flatbed, Double Decked, Secured with Chains Only 200-B Trailers, Flatbed with Bulkheads, Double Decked 201 Trailers, Flatbed with Bulkheads, Double Decked 202 Semi-Trailers, 20 Ton, Triple Decked—Flatcars, with Hitches 203 Semi-Trailers, Empty, Single and Dual Wheels—Flatcars, with Hitches 204 Semi-Trailers, Empty, Single and Dual Wheels—Flatcars, with Hitches 205 Semi-Trailers, Empty, Single and Dual Wheels—Flatcars, with Hitches 206 Tractor-Scraper Combination, Pneumatic Tires—Flatcars, with Chain Tie-Down Assembly and 207 Cushioning Devices 208 Loaders, Wheels Removed, 120,000 lb or Less—Flatcars Specially Equipped, Including 209 Cushioning Devices 200 Trailers, 1 1/2 Ton, Two-Wheel, Lengthwise—TOFC Flat Bed Trailers 201 Trailers, 1 1/2 Ton, Two-Wheel, Lengthwise—TOFC Flat Bed Trailers 202 Loaders, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc., 130,000 lb or 203 Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 204 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 205 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly 206 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly 207 Bar Steel, 1 in. Thick or Less, Bundled—Flatbed Trailers 208 Tractors, Pneumatic Tires, Motor, Six Wheel—Flatcars, with Chain Tie-Down Assembly and 209 Cushioning Devices 210 Bar Steel, Hot Rolled, Unoiled, Bundled, Maximum Weight 44,000 lb—Flatbed Trailers 211 Sar Steel, Hot Rolled, Unoiled, Bundled, Maximum Weight 44,000 lb—Flatbed Trailers 212 Steel, Flat Rolled, Packaged, with Kikds—Flatbed Trailers 213 Bar Steel, Hot Rolled, Packaged, with Kikds—Flatbed Trailers 214 Steel, Flat Rolled, Packaged, with Kikds—Flatbed Trailers 215 Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers 216 Coil, Steel, Individual or Multi-Coil Units, Eye L	200	Bulldozers, with Grousers—Flatcars, with Chain Tie-Downs	3	
200-B Trailers, Flatbed, Double Decked, Secured with Chains and Blocking 201 Semi-Trailers, 2 Ton, Triple Decked 21 Semi-Trailers, 2 Ton, Triple Decked—Haters, with Hitches 22 Semi-Trailers, Empty, Single and Dual Wheels—Flatcars, with Hitches 23 Tractor-Scraper Combination, Pneumatic Tires—Flatcars, with Chain Tie-Down Assembly and 24 Cushioning Devices 25 Loaders, Wheels Removed, 120,000 lb or Less—Flatcars Specially Equipped, Including 26 Cushioning Devices 27 Loaders, Pneumatic Tires, Four Wheel, Lengthwise—TOFC Flat Bed Trailers 28 Beams, Steel, "T' Roof Type—Flatbed Trailers 29 Loaders, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc., 130,000 lb or 29 Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 20 Tractors, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc.—Flatcars, with 20 Chain Tie-Down Assembly and Cushioning Devices 20 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain 20 Tie-Down Assembly and Cushioning Devices 20 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain 21 Bar Steel, 1 in. Thick or Less, Bundled—Flatbed Trailers 22 Graders, Pneumatic Tires, Motor, Six Wheel—Flatcars, with Chain Tie-Down Assembly and 22 Cushioning Devices 23 Bar Steel, Hot Rolled, Device, Six Wheel—Flatcars, with Chain Tie-Down Assembly and 24 Cushioning Devices 25 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers 26 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers 27 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers 28 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers 29 Fickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly 30 Pipe, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 41 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 42 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 43 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswi	200		6	
200-C Trailers, Flatbed with Bulkheads, Double Decked 201 Semi-Trailers, 20 Ton, Triple Decked—Flatcars, with Hitches 202 Semi-Trailers, 20 Ton, Triple Decked—Flatcars, with Hitches 203 In Cushioning Device 203 Loaders, Wheels Removed, 120,000 lb or Less—Flatcars Specially Equipped, Including 204 Cushioning Devices 205 Loaders, Wheels Removed, 120,000 lb or Less—Flatcars Specially Equipped, Including 205 Cushioning Devices 206 Trailers, 1 1/2 Ton, Two-Wheel, Lengthwise—TOFC Flat Bed Trailers 207 Loaders, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc., 130,000 lb or 208 Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 209 Tractors, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc., 130,000 lb or 200 Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 2010 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 2010 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 2010 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 2010 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 2011 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 2012 Tractors, Pneumatic Tires, Motor, Six Wheel—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 2013 Tractors, Pneumatic Tires, Motor, Six Wheel—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 2014 Tractors, Pneumatic Tires, Motor, Six Wheel—Flatcars, with Chain Tie-Down Assembly 3 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers 21 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers 22 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers 23 Fickers, Cotton,	200-A	Trailers, Flatbed, Double Decked, Secured with Chains Only	6	
Semi-Trailers, 20 Ton, Triple Decked—Flatcars, with Hitches Semi-Trailers, Empty, Single and Dual Wheels—Flatcars, with Hitches Comi-Trailers, Empty, Single and Dual Wheels—Flatcars, with Chain Tie-Down Assembly and Cushioning Device Cushioning Device Caders, Wheels Removed, 120,000 lb or Less—Flatcars Specially Equipped, Including Cushioning Devices Trailers, 1 1/2 Ton, Two-Wheel, Lengthwise—TOFC Flat Bed Trailers Coushioning Devices Cushioning Devices Cushioning Devices Caders, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc., 130,000 lb or Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices Chain Tie-Down Assembly and Cushioning Devices Tractors, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc.—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices Caders, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices Caders, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices Caders, Pneumatic Tires, Motor, Six Wheel—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices Caders, Pneumatic Tires, Motor, Six Wheel—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices Caders, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices Caders, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars Caders, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars Caders, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars Caders, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars Caders, Pneumatic Ti	200-B	Trailers, Flatbed, Double Decked, Secured with Chains and Blocking	6	
202 Semi-Trailers, Empty, Single and Dual Wheels—Flatcars, with Hitches 202 Tractor-Scraper Combination, Pneumatic Tires—Flatcars, with Chain Tie-Down Assembly and 203 Cushioning Devices 203 Loaders, Wheels Removed, 120,000 lb or Less—Flatcars Specially Equipped, Including 204 Cushioning Devices 205 Trailers, 1 1/2 Ton, Two-Wheel, Lengthwise—TOFC Flat Bed Trailers 206 Beams, Steel, "T" Roof Type—Flatbed Trailers 207 Loaders, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc., 130,000 lb or 208 Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 209 Tractors, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc.—Flatcars, with 200 Chain Tie-Down Assembly and Cushioning Devices 201 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain 201 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain 201 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain 202 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain 203 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain 204 Tractors, Pneumatic Tires, Motor, Six Wheel—Flatcars, with Chain Tie-Down Assembly and 205 Cushioning Devices 206 Bar Steel, In In. Thick or Less, Bundled—Flatbed Trailers 207 Steel, Flat Rolled, Packaged, without Skids—Flatbed Trailers 208 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers 209 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers 210 Fickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly 211 Pickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly 212 Pickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly 213 Pickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly 214 Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars 215 Farm and Industrial Equipment	200-C	Trailers, Flatbed with Bulkheads, Double Decked	6	
Tractor-Scraper Combination, Pneumatic Tires—Flatcars, with Chain Tie-Down Assembly and Cushioning Device  203 Loaders, Wheels Removed, 120,000 lb or Less—Flatcars Specially Equipped, Including Cushioning Devices  203 Trailers, 1 1/2 Ton, Two-Wheel, Lengthwise—TOFC Flat Bed Trailers  204 Beams, Steel, "T' Roof Type—Flatbed Trailers  205 Loaders, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc., 130,000 lb or Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices  205 Tractors, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc.—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices  206 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices  206-A Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly  210 Bar Steel, 1 in. Thick or Less, Bundled—Flatbed Trailers  211 Graders, Pneumatic Tires, Motor, Six Wheel—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices  212 Bar Steel, Round, 12 ft Long or Over—Flatbed Trailers  213 Bar Steel, Hot Rolled, Bundled, Maximum Weight 44,000 lb—Flatbed Trailers  214 Steel, Flat Rolled, Packaged, without Skids—Flatbed Trailers  215 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers  216 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers  217 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers  218 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers  219 Pickers, Cotton, Lengthwise, 12,500 lb for Less—Flatcars, with Chain Tie-Down Assembly  220 Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers  221 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  222 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  233 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  244 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  254 Coil, Steel, Indivi	201	Semi-Trailers, 20 Ton, Triple Decked—Flatcars, with Hitches	6	
Cushioning Device  203 Loaders, Wheels Removed, 120,000 lb or Less—Flatcars Specially Equipped, Including Cushioning Devices  203 Trailers, 1 1/2 Ton, Two-Wheel, Lengthwise—TOFC Flat Bed Trailers 204 Beams, Steel, "T" Roof Type—Flatbed Trailers 205 Lease—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 206 Tractors, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc., 130,000 lb or Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 206 Tractors, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc.—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 206 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 206-A Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly 210 Bar Steel, I in. Thick or Less, Bundled—Flatbed Trailers 211 Graders, Pneumatic Tires, Motor, Six Wheel—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 212 Bar Steel, Round, 12 ft Long or Over—Flatbed Trailers 213 Bar Steel, Round, 12 ft Long or Over—Flatbed Trailers 214 Steel, Flat Rolled, Unciled, Bundled, Maximum Weight 44,000 lb—Flatbed Trailers 215 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers 216 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers 217 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers 218 Steel, Flat Rolled, Packaged, on Platform—Flatbed Trailers 229 Steel, Flat Rolled, Packaged, on Platform—Flatbed Trailers 230 Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers 231 Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers 232 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 233 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 234 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 235 Farm and Industrial Equipment and General Agricultural Machines—Flatcars, wi	202	Semi-Trailers, Empty, Single and Dual Wheels—Flatcars, with Hitches	6	
Cushioning Devices  203 Trailers, 1 1/2 Ton, Two-Wheel, Lengthwise—TOFC Flat Bed Trailers 204 Beams, Steel, "T" Roof Type—Flatbed Trailers 205 Loaders, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc., 130,000 lb or 206 Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 207 Tractors, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc.—Flatcars, with 208 Chain Tie-Down Assembly and Cushioning Devices 209 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain 209 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain 200 Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain 201 Tie-Down Assembly 202 Bar Steel, 1 in. Thick or Less, Bundled—Flatbed Trailers 203 Craders, Pneumatic Tires, Motor, Six Wheel—Flatcars, with Chain Tie-Down Assembly and 204 Cushioning Devices 205 Bar Steel, Round, 12 ft Long or Over—Flatbed Trailers 206 Steel Sheet, Crated—Flatbed Trailers 207 Steel, Flat Rolled, Unoiled, Bundled, Maximum Weight 44,000 lb—Flatbed Trailers 208 Steel, Flat Rolled, Packaged, without Skids—Flatbed Trailers 209 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers 210 Coil, Steel, Individual, Eye Vertical, on Platform—Flatbed Trailers 211 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers 212 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers 213 Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers 224 Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers 225 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 226 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 227 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 238 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 240 Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 40 ft Long, Single Pile—Gondolas 240 Pipe, Stee	202		3	
<ul> <li>Beams, Steel, "T" Roof Type—Flatbed Trailers</li> <li>Loaders, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc., 130,000 lb or Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices</li> <li>Tractors, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc.—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices</li> <li>Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices</li> <li>Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly</li> <li>Bar Steel, 1 in. Thick or Less, Bundled—Flatbed Trailers</li> <li>Graders, Pneumatic Tires, Motor, Six Wheel—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices</li> <li>Bar Steel, Round, 12 ft Long or Over—Flatbed Trailers</li> <li>Bar Steel, Hot Rolled, Unoiled, Bundled, Maximum Weight 44,000 lb—Flatbed Trailers</li> <li>Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers</li> <li>Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers</li> <li>Steel, Flat Rolled—Flatbed Trailers</li> <li>Coil, Steel, Individual, Eye Vertical, on Platform—Flatbed Trailers</li> <li>Pickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly</li> <li>Pipe, Steel, Bare or Coated, 67 in. to 156 in. O.D., 10 ft to 80 ft Long—Flatcars</li> <li>Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers</li> <li>Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers</li> <li>Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers</li> <li>Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers</li> <li>Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers</li> <li>Farm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie-Down Assembly</li> <li>Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars</li> <li>Pipe, Steel, Bar</li></ul>	203		3	
Loaders, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc., 130,000 lb or Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices  Tractors, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc.—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices  Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices  Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices  Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly  Bar Steel, 1 in. Thick or Less, Bundled—Flatbed Trailers  Graders, Pneumatic Tires, Motor, Six Wheel—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices  Bar Steel, Round, 12 ft Long or Over—Flatbed Trailers  Tals a Steel, Hot Rolled, Unoiled, Bundled, Maximum Weight 44,000 lb—Flatbed Trailers  Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers  To Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers  Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers  To Coil, Steel, Individual, Eye Vertical, on Platform—Flatbed Trailers  Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers  Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers  Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  Tarm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie-Down Assembly  Check	203	Trailers, 1 1/2 Ton, Two-Wheel, Lengthwise—TOFC Flat Bed Trailers	6	
Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices  Tractors, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc.—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices  Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices  Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices  Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices  Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices  Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices  Bar Steel, 1 in. Thick or Less, Bundled—Flatbed Trailers  Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatbed Trailers  Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatbed Trailers  Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatbed Trailers  Tractors, Pneumatic Tires, Four Wheel, 5,500 lb or Lengthwise, Flatbed Trailers  Tractors, Pneumatic Tires, Four Wheel, 5,500 lb or Lengthwise—Flatbed Trailers  Tractors, Pneumatic Tires, Four Wheel, 5,500 lb or Lengthwise—Flatbed Trailers  Tractors, Pneumatic Tires, Four Wheel, 5,500 lb or Lengthwise—Flatbed Trailers  Tractors, Pneumatic Tires, Four Wheel, 5,500 lb or Lengthwise—Flatbed Trailers  Tractors, Cotlon, Lengthwise, 12,500 lb or Lens—Flatcars, with Chain Tie-Down Assembly  Tractors, Pneumatic Tires, Four Wheel, 5,500 lb or Lengthwise—Flatbed Trailers  Tractors, Pneumatic Tires, Four Wheel, 5,500 lb or Lengthwise—Flatbed Trailers  Tractors, Pneumatic Tires, Four Wheel, 5,500 lb or Lengthwise—Flatbed Trailers  Tractors, Platcars, With Chain Tie-Down Assembly  Tractors, Platcars, With Chain Tie-Down	204	Beams, Steel, "T" Roof Type—Flatbed Trailers	7	
Chain Tie-Down Assembly and Cushioning Devices  Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices  206-A Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly  210 Bar Steel, 1 in. Thick or Less, Bundled—Flatbed Trailers  210 Graders, Pneumatic Tires, Motor, Six Wheel—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices  211 Bar Steel, Round, 12 ft Long or Over—Flatbed Trailers  212 Bar Steel, Hot Rolled, Unoiled, Bundled, Maximum Weight 44,000 lb—Flatbed Trailers  213 Bar Steel, Hot Rolled, Unoiled, Bundled, Maximum Weight 44,000 lb—Flatbed Trailers  214 Steel, Flat Rolled, Packaged, without Skids—Flatbed Trailers  215 Steel, Flat Rolled, Packaged, without Skids—Flatbed Trailers  216 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers  217 Steel, Flat Rolled—Flatbed Trailers  218 Steel, Flat Rolled—Flatbed Trailers  229 Steel, Flat Rolled—Flatbed Trailers  230 Coil, Steel, Individual, Eye Vertical, on Platform—Flatbed Trailers  231 Pickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly  232 Pipe, Steel, Bare or Coated, 67 in. to 156 in. O.D., 10 ft to 80 ft Long—Flatcars  233 Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers  234 Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers  235 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  236 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  237 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  238 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  240 Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars  251 Steel, Pile—Gondolas  252 Check	204	Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices		
Tie-Down Assembly and Cushioning Devices  206-A Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly 210 Bar Steel, 1 in. Thick or Less, Bundled—Flatbed Trailers 210 Graders, Pneumatic Tires, Motor, Six Wheel—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 212 Bar Steel, Round, 12 ft Long or Over—Flatbed Trailers 213 Bar Steel, Hot Rolled, Unoiled, Bundled, Maximum Weight 44,000 lb—Flatbed Trailers 220 Steel Sheet, Crated—Flatbed Trailers 221 Steel, Flat Rolled, Packaged, without Skids—Flatbed Trailers 222 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers 223 Steel, Flat Rolled—Flatbed Trailers 224 Steel, Flat Rolled—Flatbed Trailers 225 Coil, Steel, Individual, Eye Vertical, on Platform—Flatbed Trailers 226 Pickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly 237 Pickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly 238 Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers 249 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 250 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 261 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 270 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 281 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 282 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 283 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 294 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 395 Farm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie-Down Assembly 396 Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars 397 Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 40 ft Long, Single Pile—Gondolas	205		3	check
Tie-Down Assembly  210 Bar Steel, 1 in. Thick or Less, Bundled—Flatbed Trailers  210 Graders, Pneumatic Tires, Motor, Six Wheel—Flatcars, with Chain Tie-Down Assembly and  Cushioning Devices  211 Bar Steel, Round, 12 ft Long or Over—Flatbed Trailers  212 Bar Steel, Hot Rolled, Unoiled, Bundled, Maximum Weight 44,000 lb—Flatbed Trailers  213 Steel Sheet, Crated—Flatbed Trailers  214 Steel, Flat Rolled, Packaged, without Skids—Flatbed Trailers  215 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers  216 Steel, Flat Rolled—Flatbed Trailers  217 Steel, Flat Rolled—Flatbed Trailers  228 Steel, Flat Rolled—Flatbed Trailers  230 Coil, Steel, Individual, Eye Vertical, on Platform—Flatbed Trailers  230 Pickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly  230 Pipe, Steel, Bare or Coated, 67 in. to 156 in. O.D., 10 ft to 80 ft Long—Flatcars  231 Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers  232 Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers  233 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  240 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  251 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  262 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  273 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  284 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  285 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  286 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  287 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  288 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  299 Farm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie-Down Assembly  290 Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars  291 Pipe, Steel	206	Tie-Down Assembly and Cushioning Devices	3	check
210 Graders, Pneumatic Tires, Motor, Six Wheel—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices 212 Bar Steel, Round, 12 ft Long or Over—Flatbed Trailers 213 Bar Steel, Hot Rolled, Unoiled, Bundled, Maximum Weight 44,000 lb—Flatbed Trailers 220 Steel Sheet, Crated—Flatbed Trailers 221 Steel, Flat Rolled, Packaged, without Skids—Flatbed Trailers 222 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers 223 Steel, Flat Rolled—Flatbed Trailers 230 Coil, Steel, Individual, Eye Vertical, on Platform—Flatbed Trailers 230 Pickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly 230 Pipe, Steel, Bare or Coated, 67 in. to 156 in. O.D., 10 ft to 80 ft Long—Flatcars 231 Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers 232 Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers 233 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 234 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 235 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 236 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 237 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 238 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 240 Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars 251 Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 40 ft Long, Single Pile—Gondolas 2 check	206-A		3	check
Cushioning Devices  212 Bar Steel, Round, 12 ft Long or Over—Flatbed Trailers  213 Bar Steel, Hot Rolled, Unoiled, Bundled, Maximum Weight 44,000 lb—Flatbed Trailers  220 Steel Sheet, Crated—Flatbed Trailers  221 Steel, Flat Rolled, Packaged, without Skids—Flatbed Trailers  222 Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers  223 Steel, Flat Rolled—Flatbed Trailers  230 Coil, Steel, Individual, Eye Vertical, on Platform—Flatbed Trailers  230 Pickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly  230 Pipe, Steel, Bare or Coated, 67 in. to 156 in. O.D., 10 ft to 80 ft Long—Flatcars  231 Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers  232 Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers  233 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  244 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  25 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  26 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  27 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  28 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  29 Farm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie-Down Assembly  29 Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars  20 Check				
<ul> <li>Bar Steel, Hot Rolled, Unoiled, Bundled, Maximum Weight 44,000 lb—Flatbed Trailers</li> <li>Steel Sheet, Crated—Flatbed Trailers</li> <li>Steel, Flat Rolled, Packaged, without Skids—Flatbed Trailers</li> <li>Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers</li> <li>Steel, Flat Rolled—Flatbed Trailers</li> <li>Coil, Steel, Individual, Eye Vertical, on Platform—Flatbed Trailers</li> <li>Pickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly</li> <li>Pipe, Steel, Bare or Coated, 67 in. to 156 in. O.D., 10 ft to 80 ft Long—Flatcars</li> <li>Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers</li> <li>Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers</li> <li>Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers</li> <li>Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers</li> <li>Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers</li> <li>Farm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie-Down Assembly</li> <li>Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars</li> <li>Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 40 ft Long, Single Pile—Gondolas</li> <li>Check</li> </ul>	210		3	check
<ul> <li>Steel Sheet, Crated—Flatbed Trailers</li> <li>Steel, Flat Rolled, Packaged, without Skids—Flatbed Trailers</li> <li>Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers</li> <li>Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers</li> <li>Steel, Flat Rolled—Flatbed Trailers</li> <li>Coil, Steel, Individual, Eye Vertical, on Platform—Flatbed Trailers</li> <li>Pickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly</li> <li>Pipe, Steel, Bare or Coated, 67 in. to 156 in. O.D., 10 ft to 80 ft Long—Flatcars</li> <li>Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers</li> <li>Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers</li> <li>Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers</li> <li>Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers</li> <li>Farm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie-Down Assembly</li> <li>Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars</li> <li>Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 40 ft Long, Single Pile—Gondolas</li> <li>Check</li> </ul>		Bar Steel, Round, 12 ft Long or Over—Flatbed Trailers		
<ul> <li>Steel, Flat Rolled, Packaged, without Skids—Flatbed Trailers</li> <li>Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers</li> <li>Steel, Flat Rolled—Flatbed Trailers</li> <li>Coil, Steel, Individual, Eye Vertical, on Platform—Flatbed Trailers</li> <li>Pickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly</li> <li>Pipe, Steel, Bare or Coated, 67 in. to 156 in. O.D., 10 ft to 80 ft Long—Flatcars</li> <li>Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers</li> <li>Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers</li> <li>Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers</li> <li>Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers</li> <li>Farm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie-Down Assembly</li> <li>Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars</li> <li>Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 40 ft Long, Single Pile—Gondolas</li> <li>check</li> </ul>	213	Bar Steel, Hot Rolled, Unoiled, Bundled, Maximum Weight 44,000 lb—Flatbed Trailers	7	
Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers 7 Steel, Flat Rolled—Flatbed Trailers 7 Coil, Steel, Individual, Eye Vertical, on Platform—Flatbed Trailers 7 Pickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly 3 Pipe, Steel, Bare or Coated, 67 in. to 156 in. O.D., 10 ft to 80 ft Long—Flatcars 2 Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers 7 Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers 7 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 7 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 7 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 7 Farm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie-Down Assembly Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars 7 Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 40 ft Long, Single Pile—Gondolas 2 check			7	
Steel, Flat Rolled—Flatbed Trailers Coil, Steel, Individual, Eye Vertical, on Platform—Flatbed Trailers 7 230 Pickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly 3 230 Pipe, Steel, Bare or Coated, 67 in. to 156 in. O.D., 10 ft to 80 ft Long—Flatcars 2 233 Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers 7 234 Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers 7 237 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 7 238 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 7 239 Farm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie-Down Assembly 240 Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars 26 27 28 29 29 20 20 20 20 21 21 22 23 24 24 25 26 26 26 26 26 26 26 26 26 26 26 26 26			7	
Coil, Steel, Individual, Eye Vertical, on Platform—Flatbed Trailers Pickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly Pipe, Steel, Bare or Coated, 67 in. to 156 in. O.D., 10 ft to 80 ft Long—Flatcars Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers Farm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie-Down Assembly Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 40 ft Long, Single Pile—Gondolas	222	Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers	7	
Pickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly Pipe, Steel, Bare or Coated, 67 in. to 156 in. O.D., 10 ft to 80 ft Long—Flatcars Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers Farm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie-Down Assembly Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 40 ft Long, Single Pile—Gondolas  check	223	Steel, Flat Rolled—Flatbed Trailers	7	
Pipe, Steel, Bare or Coated, 67 in. to 156 in. O.D., 10 ft to 80 ft Long—Flatcars  Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers  Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers  Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  7  238 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  7  239 Farm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie-Down Assembly  240 Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars  Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 40 ft Long, Single Pile—Gondolas  Check	230	Coil, Steel, Individual, Eye Vertical, on Platform—Flatbed Trailers	7	
Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers 7 Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers 7 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 7 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 7 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 7 238 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 7 239 Farm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie- Down Assembly 240 Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars 240 Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 40 ft Long, Single Pile—Gondolas 2 check	230	Pickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly	3	
Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers 7 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 7 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 7 Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers 7 Farm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie-Down Assembly Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 40 ft Long, Single Pile—Gondolas  check	230	Pipe, Steel, Bare or Coated, 67 in. to 156 in. O.D., 10 ft to 80 ft Long—Flatcars	2	
<ul> <li>Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers</li> <li>Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers</li> <li>Farm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie-Down Assembly</li> <li>Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars</li> <li>Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 40 ft Long, Single Pile—Gondolas</li> </ul>	233	Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers	7	
<ul> <li>Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers</li> <li>Farm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie-Down Assembly</li> <li>Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars</li> <li>Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 40 ft Long, Single Pile—Gondolas</li> <li>Check</li> </ul>	234	Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers	7	
Farm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie- Down Assembly  Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 40 ft Long, Single Pile—Gondolas  check	237	Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers	7	
Farm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie- Down Assembly  Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 40 ft Long, Single Pile—Gondolas  check	238	·	7	
Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 40 ft Long, Single Pile—Gondolas 2 check	239		3	
		• • • • • • • • • • • • • • • • • • • •		check

Fig. No.	Title	Section	Circular?
243	Slab, Steel—Flatbed Trailers	7	
244	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 40 ft Long, Single Pile—Flatcars	2	check
246	Threshers, Harvester (Combines), 30,000 lb or Less—Flatcars with Chain Tie-Down Assembly	3	<u>check</u>
247	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 40 ft Long, Two Piles—Flatcars, 85 ft to 89 ft	2	<u>check</u>
247	Threshers, Harvester (Combines), 12,000 lb to 16,000 lb Inclusive—Flatcars with Chain Tie- Down Assembly	3	check
248	Threshers, Harvester (Combines), 60,000 lb or Less—Flatcars	3	check
250	Building Material, Metal, Packaged—Flatbed Trailers	7	
250	Tractors, Agricultural, Rubber Treads, 39,000 lb or Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	
251	Building Material, Metal, Packaged—Flatbed Trailers	7	
251	Tractors, Pneumatic Tires, 4 Wheel, 30,000 lb or Less, Lengthwise—Flatcars, with Chain Tie-Down Assembly	3	check
254	Trusses, Steel—Flatbed Trailers	7	
255	Trusses, Steel, Two Tiers High—Expandable Flatbed Trailers	7	
257	Flooring, Steel, 7 ft High or Less—Flatbed Trailers	7	
258	Decking and Grating, Steel—Flatbed Trailers	7	
260	Excavators, Crawler, with Grousers, 160,000 lb or Less with Boom Attached—Flatcars, with	3	obook
	Chain Tie-Down Assembly and Cushioning Devices		<u>check</u>
260	Guard Rail, Steel—Flatbed Trailers	7	
260	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 60 ft Long, Single Pile—Gondolas, 65 ft	2	<u>check</u>
261	Excavators, Crawler, 28,000 lb or Less with Boom Attached, 3/8 in. Chain Securement—Flatcars	3	
262	Containers, Metal, Reusable, 20 ft Long—Flatbed Trailers	7	
263	Parts, Metal, in Kegs on Pallets—Flatbed Trailers	7	check
263	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 60 ft Long, Single Pile, with or without Single-End Overhang—Flatcars	2	check
267	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 60 ft Long, Single Pile—Flatcars, 85 ft to 89 ft, and Flatcars with End Bulkheads of Standard Height	2	check
267	Wire Cloth, Steel, Crated—Flatbed Trailers	7	check
267-A	Pipe, Steel, Bare, Coated, or Wrapped; 6 5/8 in. to 16 in. O.D., 45 ft to 65 ft in Length—Flatcars, 89 ft, with Cushioning Devices	2	check
269	Fencing, Wire, in Rolls—Flatbed Trailers	7	
280	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 80 ft Long, Single Pile, Double- End Overhang—Flatcars	2	check
280	Tanks, Metal, 36 in. O.D. or Less—Flatbed Trailers	7	
285	Cylinder, UF6, 3 in. O.D., with Protective Shipping Package—Flatbed Trailers	7	check
285	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 80 ft Long, Single Pile—Flatcars, 89 ft	2	check
286	Cylinder, UF6, 10 Ton and 14 Ton—Open Top Trailers, Specially Equipped	7	
298	Pipe, Steel, Bare, Coated, or Wrapped, 16 in. to 72 in. O.D., 80 ft Long—Flatcars, 89 ft, with Cushioning Devices and Fixed Contoured Bearing Pieces	2	check
300	Trucks, Motor, SaddleBack, with or without Full Mount Unit—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	
300-A	Trucks, Motor, Saddleback—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	
301	Bus and Truck Chassis, Saddleback—Flatcars, with Chain Tie-Down Assembly and	3	
302	Cushioning Devices  House Trailer, FEMA, Tube Frame, with Pneumatic Tires—Flatcars, with Chain Tie-Down	3	
302	Assemblies  Pine or Tubing Steel 4.1/2 in O.D. or Less Flathed Trailers	7	
302	Pipe or Tubing, Steel, 4 1/2 in. O.D. or Less—Flatbed Trailers Pipe or Tubing, Steel, Galvanized or Aluminum, 15 ft Long or Less, 12 in. O.D. or Less— Flatbed Trailers	7 7	
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Fig.	<b>No</b> . 315	Title Pipe, Steel, Iron, or Galvanized Corrugated Steel, 26 in. O.D. or Less, 12 ft Long or Over—	Section 7	Circular?
	010	Flatbed Trailers	•	
	317	Pipe, Steel, Corrugated. Galvanized, Less Than 24 in. O.D.—Flatbed Trailers	7	
	319	Pipe, Steel, Corrugated, Nominal 40 ft Long or Less, 32 in. O.D. or Less—Flatbed Trailers	7	
	321	Pipe, Steel, Corrugated, Nominal 40 ft Long or Less, 32 in. O.D. or Less, Nested—Flatbed Trailers	7	
	325	Pipe, Steel, Bare, Coated, and/or Wrapped, 16 in. to 48 in. O.D.—Flatbed Trailers	7	
	330	Pipe, Cast Iron, 4 in. to 24 in. I.D.—Flatbed Trailers	7	
	332	Pipe, Cast Iron, 4 in. to 54 in. I.D.—Flatbed Trailers	7	
	341	Pipe, Cement, 4 in. to 6 in. O.D., 12 ft Long—Flatbed Trailers	7	
	343	Pipe, Concrete, Flatbed Trailers	7	
	345	Pipe, Concrete, Pressure, 42 in. O.D., 20 ft Long—Flatbed Trailers	7	
	347	Pipe, Concrete, Pressure, Reinforced, 22 in. to 104 in. O.D., Nominal 16 ft or 20 ft Lengths—Flatbed Trailers	7	
	351	Pipe, Polyethylene, 2 in. to 14 in. O.D., 42 ft Long or Less, Packaged—Flatbed Trailers	7	
	355	Pipe, Polyethylene, Coiled, 1/4 in. to 22 in. O.D.—Flatbed Trailers	7	
	375	Engine, 42,000 lb or Less—Flatbed Trailers	7	
	379	Mill Rollers, Steel—Flatbed Trailers	7	
	381	Axles, for Mobile Homes, Coated—Flatbed Trailers	7	
	386	Bolsters and Truck Side Frames for Railcars—Flatbed Trailers	7	
	400	Nacelle, Wind Turbine, Weight Up to 200,000 lb Each— Flatcar, Heavy Duty	3	<u>check</u>
	401	Tractors, Crawler Type with Grousers, 45,000 lb or Less—Flatbed Trailers, with Chain Tie- Downs	7	
	405	Tractors, Four Wheel (with Tires), with or without Buckets, 45,000 lb or Less—Flatbed Trailers, with Chain Tie-Downs	7	
	430	Trailers, Flatbed, Double Decked, Secured with ChainS Only	7	
	432	Trailers, Flatbed, Double Decked, Secured with Chains and Blocking	7	
	434	Trailers, Flatbed with Bulkheads, Double Decked	7	
	437	Trailers, Flatbed, Triple Decked, Secured with High Tension Bands	7	
	441	Chassis, 23 ft Long or Less, Four High	7	
	443	Chassis, Gooseneck, 40 ft long or Less, Five High	7	
	445	Chassis, Gooseneck, 53 ft Long or Less, Three High	7	
	461	Boat on Cradle—Flatbed Trailers	7	
	490	Crates or Boxes with Skids, Loaded—Flatbed Trailers	7	
	501	Lumber, 2 in. × 2 in. or Smaller, 6 ft Long, Packaged—Flatbed Trailers	7	
	505	Lumber, Dressed, Packaged, 6 ft Long or Over—Flatbed Trailers	7	
	515	Lumber, 4 in. × 4 in. × 8 ft, Packaged—Flatbed Trailers	7	
	531	Plywood or Composition Boards, Packaged—Flatbed Trailers	7	
	575	Roofing Paper on Pallets—Flatbed Trailers	7	
	585	Slab, Concrete, Steel Reinforced—Flatbed Trailers	7	
	586	Slab, Concrete, Metal Reinforced—Flatbed Trailers	7	
	595	Glass, Crated—Flatbed Trailers	7	
	615	Container, Coil Cradle, Loaded on Flatcar	7	
	616	Coils, Rod or Wire, 50 in. O.D. or less, Eye Longitudinal—Flatrack Containers, Specially Equipped with Permanent Troughs, End Bulkheads, and Adjustable End Posts	7	
	617	Coil, Flat Steel, Eye Crosswise—Flatrack Containers with Chain Tie-Down System	7	
	700	Pipe, Steel, Uncoated, 5 in. to 8 in. O.D., 36 ft to 46 ft Long, Single Pile, Nested—Flat Rack Containers with Polyester Webbing Tie-Down System	7	
	705	Pipe or Tubing, Steel, 1 in. to 4 in. O.D., 20 ft to 45 ft Long, Packaged, Single or Double Piles—Flat Rack Containers with Bulkheads and Polyester Webbing Tie-Down System	7	
	710	Pipe, Steel, Uncoated, 2 3/8 in. to 7 5/8 in. O.D., 25 ft to 48 ft Long, Packaged—Flat Rack Containers	7	
	715	Pipe, Steel, Uncoated, 5 in. to 20 in. O.D. 25 ft to 48 ft Long—Flat Rack Containers	7	
	725	Pipe, Cast Iron, 4 in. to 24 in. I.D.—Flat Rack Containers with Bulkheads and Polyester Webbing Tie-Down System	7	

Fig. No.	Title	Section	Circular?
795	Tires, Maximum 11 ft Diameter—Two per Each 20 ft Flat Rack Container with Retractable or Permanent End Bulkheads	7	
796	Tires, Maximum 11 ft Diameter—Four per Each 20 ft Flat Rack Container with Retractable or Permanent End Bulkheads	7	
842	Chassis, Gooseneck, 23 ft Long, Three High, on Stak-Rak Carriers	7	
848	Chassis, Gooseneck, 40 ft Long, Four High, on Stak-Rak Carriers	7	
849	Chassis, Gooseneck, 48 ft to 53 ft Long, Two- or Three-High on Container—Shipping Unit	7	
850	Chassis, Gooseneck 20 ft to 40 ft Long, Four-High on Container—Shipping Unit	7	
851	Container, Folding, 40 ft Long, Four High—Flatcars	7	
902	Lumber, 6 ft Long or Over, Packaged—Flat Rack Containers, with Bulkheads	7	
910	Lumber, 5 ft Long or Over, Packaged—Flat Rack Containers, with Bulkheads and Polyester Webbing Tie-Down System	7	
912	Lumber, 8 ft Long or Over, with or without Unequal Lengths, Packaged—Flat Rack Containers, with End Bulkheads and Polyester Webbing Tie-Down System	7	
935	Plywood, Uniform Length and Width, Packaged, Loaded Lengthwise—Flat Rack Containers, with Bulkheads and Polyester Tie-Down System	7	
937	Composition Board, 5 ft × 10 ft, Coated or Uncoated, Packaged—Flat Rack Containers, with Bulkheads and Polyester Webbing Tie-Down System	7	
975	Shingles, Asphalt or Fiberglass, Bundled, Palletized and Wrapped—Flat Rack Containers, with Bulkheads and Polyester Webbing Tie-Down System	7	

### ARCHIVED FIGURES MOVED TO SECTION 4

Fig. No.	Title	Original Section
1	Gun or Howitzer, 37, 40, 75, 90, 105 and 155 mm—Flatcars or Drop-End Gondolas	6
1	Ingots, Copper, 13 ft Long and Over—Flatcars, with Fixed End and Intermediate Bulkheads and Permanent Moveable Side Chocks	2
1	Lumber—Flatcars or Gondolas	5
1-B	Transformers—Flatcars, with 5/8 in. Thick Steel Floor and Cushioning Device with 20 in. or More Travel	4
1-C	Circuit Breakers, 8,000 lb or Less—Flatcars	4
1-D	Circuit Breakers, Over 8,000 lb to 35,000 lb Inclusive—Flatcars	4
1-E	Transformers—Flatcars or Depressed Center Cars with 5/8-in. or Thicker Steel Floor with or without Cushioning Devices	4
1-F	Transformers—Flatcars or Depressed Center Cars, Specially Equipped with 5/8 in. or Thicker Steel Floor and Cushioning Devices	4
1-G	Transformers, 99,000 lb or Less—Flatcars	4
1-H	Transformers, 450,000 lb or Less—Flatcars, with Wood Floors	4
1-J	Transformers, 450,000 lb or Less—Flatcars, with 5/8 in. Minimum Steel Floors	4
1-M	Transformers, 650,000 lb or Less—Depressed Center Flatcars	4
1-N	Transformers, 200,000 lb or Less—Flatcars, with 1/2 in. Steel Floors or Combination Wood-Steel Floors	4
2	Gun, 155 mm M-1 and 8-in. Howitzer Carriage—Flatcars	6
6-B	Joists, Steel, Long Span, Single Load, Single- or Double-End Overhang—Gondolas	2
7	Gun, Howitzer, M 198, 155 mm—Flatcars	6
8	Boilers, Shells, Tanks, Etc., Long, Not Exceeding 30,000 lb or 80 ft Long and Not Subject to Damage by Stationary Bolsters—Two Flatcars	4
9	Rails—Gondolas	2
9-A	Rails, 78 ft Long and Over, Twin Load—Flatcars	2
9-C	Rails, 82 ft Long or Less—Gondolas, 65 ft and Over, with Drop Ends	2
10	Tanks with Flat End on Floor When Not Exceeding Twice the Inside Height of Car—Gondolas	4
11	Pulpwood, Peeled or Unpeeled, Over 6 ft Long, Height Not to Exceed 5 ft 2 in. Above Top of Car Sides or Ends, Maximum Height 9 ft Above Floor, Crosswise—Gondolas	5
11	Tanks with Flat End on Floor When More Than Two Times but Not More Than Two and One-Half Times the Inside Height of Car—Gondolas	4
11-A	Pulpwood, Peeled or Unpeeled, Over 6 ft Long, Maximum Height 9 ft Above Floor, Crosswise—Gondolas	5

<ul> <li>Pulpwood, Unpeeled, 5 ft 3 in. Long or Less—Bulkhead Flatcars, with Sloped Floors, Excluding Popla Birch, Sycamore, and Cottonwood</li> <li>Tanks with Flat End on Floor When More Than Two and One-Half Times the Inside Height of Car—Gondolas</li> <li>Plate, Round, Dished or Flanged, 15-ft Diameter or Less, Maximum Weight 80,000 lb, Diagonal—Hopp Cars</li> <li>Plate, Diagonal, Unlapped Piles—Gondolas</li> <li>Tanks, Steel, with Flat End on Floor—Flatcars</li> <li>Plate, Diagonal, Single or Lapped Piles—Gondolas</li> </ul>	4
Gondolas  12-A Plate, Round, Dished or Flanged, 15-ft Diameter or Less, Maximum Weight 80,000 lb, Diagonal—Hopp Cars  13 Plate, Diagonal, Unlapped Piles—Gondolas 13 Tanks, Steel, with Flat End on Floor—Flatcars	2 2 4 2 4 4 2 4 4 2 4
Cars  13 Plate, Diagonal, Unlapped Piles—Gondolas  13 Tanks, Steel, with Flat End on Floor—Flatcars	2 4 2 4 4 2
13 Tanks, Steel, with Flat End on Floor—Flatcars	4 2 4 4 2
· · · ·	2 4 4 2
13-B Plate, Diagonal, Single or Lapped Piles—Gondolas	4 4 2
, , , , , , , , , , , , , , , , , , , ,	4 2 4
14 Tanks, L.P.G. Cylindrical, Empty—Flatcars	2
14-A Tanks, Aluminum, Maximum Weight 3,000 lb—Flatcars, 89 ft Long or Less, Specially Equipped	4
14-C Plate, Horizontal, Exceeding Width of Car, 35 ft Long and Over, of Uniform Length, Width, and Thickness—Bulkhead Flatcars, 50 ft to 52 ft 6 in. Long	
15 Cylinder, Loaded or Empty, 10 Ton and 14 Ton Capacity—Flatcars, Specially Equipped	2
15 Plate, on Top of Car Sides—Gondolas, with Steel Sides Not Over 48 in. High	_
Barges, Bolted, Sectional, for Liquid or Dry Cargo, Secured with High Tension Bands—Gondolas	6
16 Boilers, Large Stationary and Locomotive Type—Flatcars or Gondolas	4
16 Plate, 1 in. Thick or Less, Load 20 in. High or Less—Flatcars	2
Poles, Untreated, Entirely Treated, Partially Treated, 12 ft Long or Over—Flatcars or Gondolas	5
Barges, Bolted, Sectional, for Liquid or Dry Cargo, Secured with Clamps and Rods—Gondolas	6
17 Boilers, Large Stationary and Locomotive Type—Flatcars or Gondolas	4
17 Plate, 1 in. Thick or Less, Load 20 in. High or Less, Retarded Floating Load—Flatcars	2
<ul> <li>Barges, Bolted, Sectional, for Deck Cargoes—Gondolas and Flatcars</li> <li>Barges, Two Section—Flatcars or Gondolas</li> </ul>	6 6
19 Boilers, Weighing 1,000 lb or Less and 4 ft 6 in. High or Less—Flatcars	4
19 Plate, Unoiled—Gondolas	2
20 Boats, in Cradles—Flatcars or Gondolas	6
20 Crawler-Type Shovels, Rotating Bodies, Booms Attached—Flatcars	4
20 Plate, Unoiled, Crosswise—Gondolas	2
<ul> <li>Poles and Pilings, Untreated, Entirely Treated, Partially Treated, Overhanging One or Both Ends of Car</li> <li>Drop-End Gondola or Flatcars</li> </ul>	
21 Boats, Landing Craft, in Cradles, Floating Type Load—Flatcars	6
21 Crawler-Type Machines, Rotating Bodies, Booms Detached—Flatcars	4
21 Poles and Pilings, Round Stock, Untreated, Entirely Treated, Partially Treated—Two or Three Flatcars	5
21-A Boats, Assault, Nested, Racked—Flatcars or Gondolas	6
21-B Pontoons, One or More Stacks, Eight Each—Flatcars	6
21-C Boats, 27 ft, Bridge Erection, in Cradles, Two per Car—Flatcars	6
22 Boats, Landing Craft—Flatcars	6
22 Crawler-Type Cranes, Draglines, Etc., Rotating Bodies, Booms Attached—Flatcars	4
22 Plate, Unoiled, Over 1/8 in. Thick, Lengthwise—Gondolas	2
22-A Crawler-Type Shovels, Rotating Bodies, Booms Attached—Flatcars	4
22-B Crawler-Type Machines, Rotating Bodies, Booms Detached—Flatcars	4
22-C Crawler-Type Cranes, Draglines, Etc., Rotating Bodies, Booms Attached—Flatcars	4
23 Boats, Motor Whale—Gondolas	6
23 Girders, Plates and Structural Shapes, Single Load, Single- or Double-End Overhang—Flatcars or Gondolas 23 Pales and Pilings Report Stock United to the Flating Processing Reports	2
Poles and Pilings, Round Stock, Untreated, Entirely Treated, Partially Treated, with High Tension Bands for Single Loads or Loads on One Flatcar or Gondola Car Overhanging One or Both Ends of Car o Loads on Two or Three Flatcars	– 5
23 Rotating Truck Shovels (without Crawlers), One or Two—Flatcars	4
23-A Hoist Mechanism Group (Sonar Device)—Flatcars	6
Crawler-Type Shovels, Crawlers Removed, Rotating Bodies, Booms and Buckets Attached—Flatcars Plate, Less than 1/4 in. Thick, Crosswise—Gondolas	4 2

Fig. No.	Title	Original Section
24	Poles or Pilings, Untreated, Entirely Treated, Partially Treated, with 1 1/4 in. × .044 in. High Tension Bands—for Single Loads on Flatcars or Gondolas, or Loads on One Flatcar Overhanging One or Both Ends of Cars, or Loads on Two or Three Flatcars	5
25	Crawler-Type Cranes, Crawlers Removed, Rotating Bodies, Booms Attached—Flatcars	4
26	Crawler-Type Shovels, Crawlers Removed, Rotating Bodies, Booms Detached—Flatcars	4
26	Plate, Less than 1/4 in. Thick, in One or More Layers—Gondolas, with Wood Floors	2
27	Machines on Which Only the Boom Rotates—Flatcars	4
27	Plate, Less than 1/4 in. Thick, Packaged, Lengthwise—Gondolas	2
28	Airplane Engine Containers, Loaded or Empty, Lengthwise, Side by Side, Single-Decked—Flatcars	6
28	Machine with Boom Attached and Not Extending Beyond End of Car—Flatcars	4
29	Linerboard Paper Rolls, Nominally 30 in. Diameter × 168 in. Long, Six per Pile, Pyramided, Lengthwise—Bulkhead Flatcars, with Constant Tensioning Devices for Use with 1 1/4 in. × .029 in. High Tension Bands	5
29	Rotating Shovel, (Truck Chassis) with Pneumatic Tires—Flatcars	4
29-A	Coils of Flat Steel, 67 in. O.D. or Less, Individual or Packaged—Flatcars, with Center Stake Pockets	2
29-E	Coils of Flat Steel, Hot Rolled, Semi-Finished, Unprocessed, 65 in. to 76 in. O.D., Width Not Less than 60% of O.D., Eye Lateral—Flatcars, with Wooden Bunks	2
29-F	Coils of Flat Steel, 86 in. O.D. or Less, Removable Steel Cradles—Flatcars, 75 ft Long or Less	2
30	Airplane Engine Containers, Empty, Lengthwise, Side by Side, Double-Decked with 2 in. × .044 in. High Tension Bands—Flatcars	6
30	Coils of Flat Steel, 55 in. O.D. and Over, on Skids—Gondolas	2
30	Rotating Cranes, with Pneumatic Tires, Boom Detached—Flatcars	4
31	Coils of Flat Steel, Less than 60 in. O.D., with Center Void—Gondolas	2
31	Rotary Engine Containers, Loaded or Empty, Crosswise, Single-Decked—Flatcars	6
31	Rotating Crane, with Pneumatic Tires, Boom Detached—Flatcars	4
31-A	Airplane Engine Containers, Loaded or Empty, Lengthwise, Side by Side, Double-Decked—Flatcars	6
32	Airplane Engines in Wood Containers, Lengthwise, Single-Decked—Flatcars or Gondolas	6
32	Coils of Flat Steel, Less than 60 in. O.D., with Side Void—Gondolas	2
32	Rotating Crane, with Pneumatic Tires, Boom Detached—Flatcars	4
33	Coils of Flat Steel, 72 in. O.D. and Less, Eye Longitudinal—Gondolas	2
33	Containers, Conex Type, Full or Half Size, Crosswise, Loaded or Empty, Single Deck—Flatcars or Gondolas, with Wood or Steel Floors	6
33	Rotating Crane, with Pneumatic Tires—Flatcars	4
33-A	Coils of Flat Steel, Single or Multiple, Eye Vertical, Packaged on Skids—Gondolas	2
33-A	Containers, Conex Type, Full or Half Size, Crosswise, Loaded or Empty, Single Decked, with Pneumatic Dunnage—Gondolas, with Wood or Steel Floors	6
33-A	Rotating Cranes with Pneumatic Tires—Flatcars	4
33-C	Coils of Flat Steel, Over 25,000 lb, O.D. Equal to or Greater than Height, Eye Vertical, in Single Row—Gondolas, with Wood or Steel Floor	2
33-C	Cranes, Rotating, Maximum Weight 130,000 lb, with Pneumatic Tires—Flatcars	4
33-D	Coils of Tin Plate, Eye Vertical, on Floating Skids—Gondolas	2
34	Coils of Wire, 44 in. Diameter or Less—Gondolas	2
34	Containers, Conex Type, Full or Half Size, Crosswise, Empty, Double Decked—Flatcars or Gondolas, with Wood or Steel Floors	6
34-A	Containers, Conex Type, Full or Half Size, Crosswise, Empty, Double Decked—Flatcars or Gondolas, with Wood or Steel Floors	6
34-B	Coils of Wire, 48 in. Diameter or Less—Bulkhead Flatcars, with Sloped Floors and Steel Side Rails Extending 8 in. Above Car Deck	2
34-C	Coils of Wire, 48 in. Diameter or Less—Bulkhead Flatcars, with Steel Side Stakes and Rails	2
34-D	Coils of Rod or Bar, 7/32 in. Diameter or Larger, Coils 50 in. to 53 in. O.D. by 40 in. to 64 in. Wide—Gondolas	2
34-F	Wire, Coils—Bulkhead Flatcars with Cradles and Cushioning Devices	2
35	Beams and Structural Shapes, Steel, Load on One Bearing Piece on Top of Steel Sides, Single Overhang—Gondolas	2

Fig. No.	Title	Origina Section
35	Containers, Conex Type, Full or Half Size, Crosswise, Loaded on Sides, Empty, Double Decked—Gondolas, with Wood or Steel Floors	6
35	Cranes, Wrecking, Shipped with Booms Supported Exclusively by Their Cables	4
35-A	Containers, Conex Type, Full or Half Size, Crosswise, Empty, Double Decked—Gondolas, with Wood or Steel Floors, Secured with Pneumatic Dunnage, Rubber, Reusable Type	6
36	Beams and Structural Shapes, Steel, Double-End Overhang—Flatcars or Gondolas	2
36	Containers, Conex Type, Full or Half Size, Crosswise, Loaded or Empty, Single Deck—Gondolas, with Wood or Steel Floors	6
36	Cranes, Derricks, Etc., on Their Own Wheels, with Booms Attached, When Length of Boom Does Not Exceed 30 ft Beyond End Sill of the Car on Which the Machine Is Mounted	4
36-A	Shelters, 10,000 lb or Less—Flatcars, with Wood Floors	6
37	Aircraft Fuselages, Wings, Wing Sections, Surfaces, Etc., Boxed—Flatcars	6
37	Beams and Structural Shapes, Steel, Load Not to Exceed 5 ft Above Floor—Flatcars or Gondolas	2
37	Cranes, Derricks, Etc., on Their Own Wheels, with Booms Detached, Cables Not Removed	4
37-A	Beams and Structural Shapes, Load Not to Exceed 6 ft Above Floor—Gondolas	2
38	Beams and Structural Shapes, Steel, with or without Sliders, 7 ft High or Less Above Bearing Pieces—Flatcars or Gondolas	2
38	Compressors, with or without Pneumatic Tires—Flatcars	4
39	Aircraft Wings and Aft Section Mounted on Wood Frame, Unboxed on Skid Base—Flatcars	6
39	Four- or Six-Wheel Trucks and Other Motor Vehicles (Single or Dual Wheels)—Flatcars and Gondolas, with Wooden Floors	4
39	Rebar and Similar Steel Products, 3 ft High or Less Above Bearing Pieces—Flatcars or Gondolas	2
40	Aircraft Fuselage Mounted on Wood Frame Unboxed on Skid Base—Flatcars	6
40	Beams and Structural Shapes, Rebar and Similar Steel Products, Single- and Multi-Car Loads, with or without Overhangs—Flatcars or Gondolas	2
40	Four-Wheel Trackless Trolleys and Other Motor Vehicles—Flatcars, with Wooden Floors	4
41	Rebar and Similar Steel Products, with Sliders, 7 ft High or Less Above Bearing Pieces, Double Load with Single End Overhang—Flatcars or Gondolas	2
41	Truck Trailers, All Types—Flatcars or Gondolas, with Wooden Floors	4
42	Automobiles and Other Materials (Boxed) One or More Layers—Flatcars or Gondolas	4
43	Automobiles and Other Materials (Boxed) One or More Layers—Flatcars or Gondolas	4
43-A	Ingots, Aluminum, 150 in. Long—Bulkhead Flatcars	2
43-J	Ingots, Aluminum, 25,000 lb and Over—Bulkhead Flatcars, 62 ft Inside Length, with Cushioning Devices and CTDs	2
43-L	Ingots, Aluminum, 150 in. to 300 in. Long, 26 in. High or Less, 60 in. Wide or Less—Bulkhead Flatcars, with Cushioning Devices and CTDs	2
43-M	Ingots, Aluminum—Bulkhead Flatcars, with Fixed Risers and Chain Tie-Downs	2
44	Automobiles and Other Materials (All Boxes Weighing 6,000 lb or Less) One or More Layers—Gondolas	4
44	Mill Rolls, Lengthwise—Gondolas	2
44	Pontoons, Steel, Double-Decked, Rectangular Sections—Flatcars	6
45	Automobiles and Other Materials (Boxed) End for End Piles, One or More Layers—Gondolas with Steel Floors	4
45	Pontoons, Steel, Rake End Sections—Flatcars	6
45	Stumpwood—Gondolas	5
46	Automobiles and Other Materials (Boxed) Single Pile, One or More Layers—Gondolas with Steel Floors	4
46-A	Mill Rolls, 30 in. to 50 in. O.D., 30,000 to 50,000 lb, Lengthwise—Flatcars or Gondolas	2
46-B	Mill Rolls, Over 50 in. O.D., Over 50,000 lb, Lengthwise—Flatcars or Gondolas	2
47	Automobiles and Other Materials (Boxed) One or Two Layers, Overlapped—Gondolas with Steel Floors	4
47-A	Paving Machine, Bituminous Material, Crawler Mounted—Flatcars	6
47-B	Roller, Tandem Steel Wheel—Flatcars, with Wood Floors	6
47-C	Roller, Three Wheel, Rubber-Tired—Flatcars, with Wood Floors	6
48	Automobile Truck Bodies—Flatcars or Gondolas	4
48 48-A	Crushing and Screening Plants, Six Wheel, with Pneumatic Tires and Dual Front Wheels—Flatcars Motor Graders, Six Wheel, with Pneumatic Tires, 40,000 lb or Less—Flatcars, with Wood Floors	6 6

Fig. No.	Title	Original Section
49	Automobile Truck Bodies, Horizontal—Gondolas	4
49	Slabs, Lengthwise—Gondolas	2
49	Trucks, 1/4 Ton, 4 × 4, Lengthwise, Single or Double Rows—Flatcars, Single Rows and Gondolas, with Wood Floors	6
50	Automobile Truck Bodies, Vertical—Gondolas	4
50	Lumber, Packaged, 6 ft Long and Over—Bulkhead Flatcars, with Chain Tie-Downs	5
50	Trucks, 1/4 Ton, 4 × 4, Double Decked, Lengthwise, Single or Double Rows—Flatcars, Single Rows, and Gondolas, with Wood Floors	6
50-A	Lumber, Packaged, 8 ft Long and Over, with Attached Grooved Separators—Bulkhead Flatcars, with Chain Tie-Downs	5
51	Automobile Truck Bodies, Crosswise, with High Tension Bands—Flatcars	4
51	Girders, Vertical—Flatcars or Gondolas	2
51	Lumber, Packaged, Hardwood, Rough and/or Dressed, Random Width and Length—Bulkhead Flatcars, with Chain Tie-Downs	5
51	Trucks, 1/4 Ton, 4 × 4, Lengthwise, Inclined, Single or Double Rows—Flatcars	6
51-A	Trucks, 1/4 Ton, 4 × 4, Crosswise—Flatcars	6
52	Automobile Truck Bodies, Lengthwise, with High Tension Bands—Flatcars	4
52	Lumber, Packaged, Hardwood, 1 in. × 4 in. and Over, 8 ft Long and Over—Bulkhead Flatcars, with Cushioned Underframe and Laterally Adjustable Chain Tie-Downs	5
52	Trusses, Roof, Metal, etc., Whole or Sectional—Gondolas	2
53	Automobile Truck Bodies, Lengthwise, with High Tension Bands—Flatcars	4
53	Lumber, Packaged, 8 ft Long or Over, Nominally 2 ft × 4 ft Packages, Uniform Length in Packages— Bulkhead Flatcars, with Laterally Adjustable Chain Tie-Downs	5
53	Tractors, Warehouse, 15,000 lb and Under—Flatcars or Gondolas	6
54	Fork Lift Trucks—Flatcars or Gondolas	6
54	Truck Tanks—Flatcars	4
55	Crane, Truck Mounted, 15,000 lb and Under—Flatcars or Gondolas	6
55-A	Lumber, Packaged, Rough and/or Dressed—Bulkhead Flatcars, with Cushioned or Non-Cushioned Underframes and Treated Polyester Synthetic Webbing	5
56	Airplanes, Boxed—Gondolas	4
56	Lumber, Packaged, Chemically Treated by Waterborne Preservatives Only, Packages Nominally 2 ft × 4 ft, Long and Over—Bulkhead Flatcars, with Chain Tie-Downs	5
56-A	Vehicles, Amphibian, LARC 5—Flatcars	6
57	Timber, Packaged, Untreated, 8 ft Long and Over—Bulkhead Flatcars, with Chain Tie Downss	5
57	Vehicles, Light Armored, 4 × 4, XM706E1 and XM706E2—Flatcars	6
57-A	Pipe, Cement, Containing Asbestos Fibers, 4 in. to 14 in. I.D., with or without Couplings—Flatcars	4
58	Timber, Packaged, Treated—Flatcars	5
58-A	Pipe, Fiber, Packaged Bituminized, 6 in. I.D. or Less, Uniform Length, Height Not to Exceed Height of Bulkheads—Bulkhead Flatcars	4
59	Pipe, Concrete, Not Over 48 in. Diameter or Length, Crosswise—Flatcars or Gondolas	4
59	Trailers, 1/4 Ton—Gondolas	6
60	Lumber, Packaged, 7 ft Long or Over, Packages 26 in. High or Less—Bulkhead Flatcars	5
60	Pipe, Concrete, with Bell Ends, Lengthwise—Flatcars or Gondolas	4
60	Trailers, 1/4 Ton, Lengthwise, Side by Side, Double Decked—Flatcars	6
61	Girders, Box-Type, Multi-Car Load with on Pivoted Bolsters—Flatcars	2
61	Pipe, Concrete—Flatcar	4
62	Lumber, Packaged, 7 ft Long or Over, Over 32 in. High, 3 ft × 3 ft, 3 ft × 4 ft, and 4 ft × 4 ft Packages—Flatcars (Conventional or Bulkhead)	5
62	Trailers, 1 1/2-Ton, Two-Wheel Cargo Chassis—Flatcars	6
62-A	Trailers, 1 1/2 and 2 1/2 Ton, Pole Type, Utility, 10 Each per 50 Feet—Flatcars	6
62-B	Compressors, 3,000 lb or Less, with Pneumatic Tires, Lengthwise, Single or Double Rows—Flatcars	6
63	Glass in Boxes, Pyramid Unit—Gondolas	4
63	Lumber, Packaged, 8 ft Long, 32 in. through 36 in. High and 48 in. Wide— Bulkhead Flatcars, Inside Length 66 ft	5

Fig. No.	Title	Original Section
63	Trailers, Single Axle, Cargo, Water Tank and Similar Types, Weighing 25,000 lb or Less—Flatcars	6
64	Glass in Boxes—Gondolas	4
64	Lumber, Packaged, 10 ft to 16 ft Long, Inclusive, Over 31 1/2 in. High—Bulkhead Flatcars	5
65	Glass in Uniformly Sized Boxes, 12 ft High or Less—Gondolas	4
65	Lumber, Packaged, 7 ft Long or Over, Packages Maximum Height 32 in., Maximum Width 51 in., Minimum Width 18 in., Loads Three Packages Wide—Flatcars (Conventional or Bulkhead)	5
65-A	Glass in Boxes, Uniform Size Unit—Gondolas	4
65-B	Glass in Boxes, Uniform or Non-Uniform, Split Unit—Gondolas	4
65-C	Glass in Boxes, Single Units—Gondolas	4
66	Glass, Rough Rolled, Packaged, Two Units, Size 130 in. × 144 in.—Gondolas	4
66	Lumber, Packaged, 6 ft Long or Over with Packages 3 ft × 3 ft and 3 ft × 4 ft—Bulkhead Flatcars	5
67	Glass, Rough Rolled, Packaged, Three Units, Size 131 in. × 77 in.—Gondolas	4
67	Lumber, Packaged, 6 ft to 20 ft Long, Inclusive, Including Packages of Random Widths and Lengths of Clear Lumber, Packages 26 in. Maximum Height—Bulkhead Flatcars, with Cushioned Underframes	5
68	Stone, Sawed on Two or Four Sides—Flatcars or Gondolas	4
69	Stone, Sawed on Two, Four, or Six Sides, with High Tension Bands—Flatcars or Gondolas	4
70	Lumber, Packaged, Redwood, 6 ft Long or Over, Uniform Cross Section, Packages Nominally 2 ft × 4 ft— Flatcars	5
70	Slabs, Cement or Concrete, Metal Reinforced, Loaded on Edge, Ends of Load Must Not Be Less Than 5 ft from Ends of Car—Flatcars	4
71	Lumber, Packaged, Redwood, 6 ft Long or Over, Uniform Cross Section, Packages Nominally 3 ft × 3 ft, 3 ft × 4 ft, and 4 ft × 4 ft—Bulkheads	5
72	Mesh, Wire or Rod or Bar Mats, Inverted, Diagonal or Dished—Gondolas	2
72	Stone, Granite, Unfinished—Flatcars	4
73	Marble in Slabs, 18 in. High or More—Gondolas with Wooden Floors	4
74	Marble in Slabs, Less Than 18 in. High, Also Small Pieces, on Edge—Gondolas with Wooden Floor	4
74	Mesh, Wire, Rolls, 30 in. O.D. or Less, 8 ft Long or Less, Lengthwise, Loaded Pyramidal—Gondolas	2
74 75	Trailer, Truck, 45 Ton Tank Transporter—Flatcars	6
75 75	Grindstones—Flatcars or Gondolas	4
75 76	Trailer Portion, Tank Recovery Unit—Flatcars  Mech Wire Polls on End with Crosswice Lovers on Tan. Condeles	6 2
76-A	Mesh, Wire, Rolls on End with Crosswise Layers on Top—Gondolas Mesh, Wire, Rolls, 36 in. to 72 in. O.D., Crosswise—Flatcars	2
70-A 77	Stones, Pulp Grinder, Cores Crosswise—Gondola or Flatcars	4
78	Landing Vehicles, Amphibian, 60,000 lb and Under, Tracked—Flatcars or Gondolas	6
78	Stones, Pulp Grinder, Flatwise—Gondola or Flatcars	4
78-A	Landing Vehicles, Tracked (LVT Tanks), with or without Guns, Over 60,000 to 100,000 lb Inclusive— Flatcars	6
79	Pouring Channels—Gondolas	4
79	Tanks and Similar Units, 60,000 lb and Under—Flatcars	6
80	Pouring Channels, with Open Ends—Gondolas	4
80	Tracked Vehicles, over 60,000 lb to 100,000 lb, Inclusive—Flatcars	6
80-A	Tanks and Similar Units Moving in Controlled Train Service for Unit Moves and/or Emergencies—Flatcars	6
81	Clay Sewer Pipe, Lengthwise—Gondolas	4
81	Tanks and Similar Units Over 100,000 lb—Flatcars	6
81-B	Mesh, Wire or Rod and Bar Mats, Inverted Flatwise, 8 ft or Less Above Car Floor—Flatcars	2
82	Clay Sewer Pipe, 18 in. I.D. and Over, on End—Gondolas	4
82	Mesh, Wire or Bar Mats, Flatwise, 7 ft High or Less Above Floor—Flatcars	2
82	Tanks and Similar Units Over 100,000 lb, Crawlers Removed—Flatcar	6
82-A	Tanks and Similar Units Under 100,000 lb, Crawlers Removed—Flatcars	6
83	Electrodes and Pins—Gondolas	4
84 04	Electrodes, Crosswise—Gondolas	4
84 84 A	Gun Barrels, 16 in., 45 Calibre—Flatcars	6 4
84-A 85	Electrodes—Bulkhead Flatcars, with Cushioned Underframe Gun Barrels, 16 in., 50 Calibre—Flatcars	4 6
00	Ouri Darreis, 10 III., 30 Calibre—Frateals	U

Fig. No.	Title	Original Section
85	Shingle Bundles Wrapped, Palletized and Nonpalletized—Bulkhead Flatcars	4
86	Brick, Packaged—Bulkhead Flatcars, with 15 in. Minimum Travel Cushion Underframes	4
86	Gun Barrel Equipment, Method of Securing After Gun Barrel Has Been Unloaded	6
87	Brick, Packaged, Partial Double Deck—Bulkhead Flatcars, with 15 in. Minimum Travel Cushion Underframes	4
87-A	Tracked Vehicles, 30,000 lb and Under—Flatcars	6
88	Truck, 25,000 lb or Less, with or without Winch—Flatcars, G-85 or G-89 with Rub Rail and Cushioning Devices, or Similar Flatcars	6
88-A	Vehicles, Including CUCV, (Single or Dual Wheels), Two or Three Axle—Flatcars, with Wood Floors	6
89	Asbestos Filler Sheets, Palletized, 10 ft Long or Less, 4 ft Wide × 21 in. High, Lengthwise—Bulkhead Flatcars	4
89	Dolly Set, Transportable—Flatcars or Gondolas, with Wood Floors	6
90	Paper or Pulpboard Rolls, 60 in. Diameter or Over—Bulkhead Flatcars	4
90	Tractors, M830 or Similar Type Vehicle, 50,000 lb or Less—Flatcars	6
100	Plate—Bulkhead Flatcar, with Chain Tie-Downs	2
100	Styrene Foam, Palletized Sheets—Flatcars	5
100	Trucks, 4 × 4 or 6 × 6, Articulated, Goer Type Vehicles, 25,000 to 40,000 lb—Flatcars	6
101	Gypsum Board, Packaged, Nominal Width 4 ft, Uniform Length, Lengthwise or Crosswise—Bulkhead Flatcars (Rail Distance 750 Miles or Less)	5
107	Beams and Structural Shapes, Steel, Over 65 ft Long—Flatcars, 85 ft Long and Over, with Wooden Bulkheads, Partial Sides, Steel Side Stakes, and Fixed Bearing Pieces	2
109-B	Beams, Steel, H and I, Maximum Size 42 in., 18 ft Long and Over, Webs Horizontal and/or Vertical, Bulkhead Flatcars, with Cushioning Devices	2
110	Building Sections, Metal, and Accessories—Gondolas	2
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111	Engineered-Wood Products, LVL, PSL, and LSL Structural Beams and I-Joists, Packaged, Uncoated—Flatcars, 85 ft or 89 ft	5
112	Engineered-Wood Products, LVL, PSL, and LSL Structural Beams and I-Joists, Packaged—Bulkhead Flatcars, 48 ft Long and Over, with Cushioning Devices	5
117-B	Pipe, Pressure, Reinforced Concrete, 10 ft 4 in. to 11 ft 6 in. Diameter, Inclusive, Nominal 16 ft or 20 ft Lengths—Flatcars, 48 ft or Longer, with Constant Tensioning Devices	3
123	Pipe, Steel, 26 in. O.D. and Less, Uniform or Mixed Lengths and Diameters, with Wire, No. 3 Gauge High Tension—Gondolas	2
124	Pipe, Steel, 26 in. O.D. or Less, Uniform or Mixed Lengths and Diameters—Gondolas (Must Have 4 ft Void at Each End on Material Loaded Above Car Ends at Origin)	2
128	Pipe, Steel, Uncoated, 5 in. to 20 in. O.D., 25 ft to 48 ft Long—Bulkhead Flatcars, with Cushioning Devices	2
128-A	Pipe, Steel, Bare, Coated, 6 5/8 in. to 14 in. O.D., 43 ft Long and Over—Bulkhead Flatcars, with Cushioning Devices	2
133	Pipe, Steel and Wrought Iron, 26 in. O.D. and Over, 12 ft Long or Over—Flatcars or Gondolas	2
134-A	Pipe, Steel, Uncoated, 14 in. O.D., 40 ft Long, Two Piles—Flatcars. 89 ft Long, with Cushioning Devices	2
135	Pipe, Steel and Wrought Iron, Uncoated or Varnish Coated, 2 3/8 in. to 12 3/4 in. O.D., 38 ft Long and Over—Bulkhead Flatcars	2
147-B	Pipe, Cast Iron or Ductile, 3 in. to 64 in. I.D.—Flatcars, with Cushioning Devices, Fixed Wood Bearing Pieces, and Auxilary Band Anchors	2
175	Intermodal Freight Containers, 20 ft, Empty, 6,000 lb or Less, Single or Double Loaded—Flatcars	6
176	Intermodal Freight Containers, 20 ft, Empty, 6,000 lb or Less, Single, Double, or Triple Loaded—Gondolas	6
265	Pipe, Steel, Bare, Coated, or Wrapped, 16 in. to 72 in. O.D., 60 ft Long, Single Pile, Double-End Overhang—Flatcars	2
300	Trucks, 2 1/2 Ton—Bi-Level Rack Cars, 88 ft or 89 ft, Heavy Duty	6
301	Trailers, Cargo, 3/4 Ton, M101A1—Bi-Level Rack Cars	6
302	Truck, 4 × 4, Empty or Loaded, 8,500 lb and Under—Flatcar, Bi-Level, Cushioned	6
303	Trucks, Utility, 1/4 Ton, 4 × 4, Bi-Level or Tri-Level Car	6
304	Trucks, Cargo, Articulated, 1 1/4 Ton, 6 × 6, M561 with or without Winch—Flatcars, Bi-Level, Cushioned	6

### **ALPHABETIC INDEX**

**Note:** Click the "check" link in the column entitled "Circulars?" to identify any Circular Letters that affect a rule or figure subsequent to its most recent release date.

General Rules Figures Archived Figures Moved to Section 4

### **GENERAL RULES**

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	Appendix B—Rule 27 of the National Railroad Freight Committee's Uniform Freight Classification 6000-M	1	
	Appendix C—Test Procedures and Technical References	1	
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47	Binder Testing and Approval	1	
_	Blocking Patterns	1	
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21	Chain, Binders, and Assemblies	1	check
44	Constant Tensioning Devices (CTDs)	1	
40	Determining the Combined Center of Gravity	1	
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35	Field Testing and Related Forms	1	
39	General Notes on Measuring Dimensional Loads	1	
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36	Impact Test Procedures for Loaded Open Top Cars	1	check
12	Inflatable Dunnage Bags and Pack-out Materials	1	
1	Inspection and Compliance	1	
13	Lateral Load Protection	1	
4	Load Dimension and Weight Restrictions	1	
5	Load Restraint	1	check
29	Loads on One Car Overhanging One or Both Ends of Car	1	check
30	Loads on Two or More Cars	1	
6	Machines and Other Lading with Moving Parts	1	check
15	Nails, Staples, and Lag Screws	1	check
45	Non-Metallic Strapping	1	
19	Nonmetallic Strapping	1	check
37	Open Top Rail Car Lading Durability Test Procedures	1	check
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7	Securing Machinery Units and Similar Commodities	1	
41	Securing Machinery Units and Similar Commodities	1	
17	Steel Banding	1	check
43	Steel Bands	1	check
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34	Submission Process and General Procedures of the AAR Open Top Loading Rules Committee	1	
25	Substitution of Securement Items	1	check
20	Synthetic Webbing and Assemblies	1	check
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46	Webbing	1	check
3	Weight Distribution and Load Location on Single Cars and Intermodal Trailers and Containers	1	check
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24	Wire—High Tension and Common	1	

Rule No.	Title	Section	Circular?
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10	Wood Types and Species	1	

### $\mathbf{F}$

FIGURE	$\mathbf{s}$		
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47-A	Balers, Hay, Lengthwise, Skidded, 4,000 lb or Less—Flatcars and Cushioning Device	3	
47	Balers, Hay, Lengthwise, Three Rows Side by Side, 4,000 lb or Less—Flatcars	3	
210	Bar Steel, 1 in. Thick or Less, Bundled—Flatbed Trailers	7	
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212	Bar Steel, Round, 12 ft Long or Over—Flatbed Trailers	7	
22-D	Bars, Steel, Loose or Packaged, Single or Multiple Piles—Gondolas	2	check
107-A	Beam Blanks, Semi-Finished—Gondolas	2	<u> </u>
106	Beams and Structural Shapes, Load Not to Exceed 60 in. Above Bearing Pieces, Single- or Double-End Overhang—Flatcars, 60 ft Long and Over, with Fixed Bearing Pieces	2	
42	Beams and Structural Shapes, Rebar and Similar Steel Products, 20 ft Lengths and Over, Packaged—Bulkhead Flatcars, with Steel Side Stakes	2	
8-A	Beams and Structural Shapes, Steel—Flatcars	2	
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105	Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces—	2	CHECK
	Flatcars, 60 ft Long and Over with Fixed Bearing Pieces		
105-A	Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces—Flatcars, with Cushioning Devices	2	
8	Beams and Structural Shapes, Webs Horizontal and Vertical, Steel, Packaged, 20 ft Long and Over—Bulkhead Flatcars, with Cushioning Devices	2	
139-A	Beams, Concrete Box (Bridge Slabs)—Gondolas	3	
106-A	Beams, H and I, Webs Horizontal or Vertical, Single Load, Single- or Double-End Overhang, Load Not to Exceed 44 in. Above Bearing Pieces—Flatcars, 60 ft Long and Over	2	
106-B	Beams, H and I, Webs Horizontal or Vertical, Single Load, Single- or Double-End Overhang, Load Not to Exceed 60 in. Above Bearing Pieces—Flatcars, 60 ft Long and Over	2	
115-B	Beams, Metal, Various Lengths, Webs Vertical, Except Top Layer Loaded with Webs Horizontal—81 ft Flatcars, Equipped with Permanent End Bulkheads, Partial-Height Center Partition, Cushioning Devices, and Web Tie-Down Assemblies	2	
204	Beams, Steel, "T" Roof Type—Flatbed Trailers	7	
109-A	Beams, Steel, H and I, 20 ft to 65 ft Long, Packaged—Gondolas	2	
109	Beams, Steel, H and I, Maximum Size 42 in., 18 ft Long and Over, Webs Horizontal or Vertical—Bulkhead Flatcars, with Cushioning Devices	2	check
115-A	Beams, Structural, Metal, 48 in. High or Less, Restricted Mixed Lengths at Least 30 ft Long, Webs Horizontal—Partial-Height Center-Partition Flatcars, 81 ft Long, Equipped with Permanent End Bulkheads, Cushioning Devices, and Web Tie-Down Assemblies	2	
43	Billets, Ingots, Slabs, Etc.—Gondolas	2	
10	Bins or Containers, Catalyst, Spent, Loaded or Empty— Bulkhead Flatcars with Cushioning Devices and Specially-Equipped Lading Fixtures	3	
_	Blocking Patterns—Farm Equipment	3	
_	Blocking Patterns—Road Grading and Road-Making Machinery	3	
461	Boat on Cradle—Flatbed Trailers	7	
21-D	Boat, Bridge Erection and Improved Ribbon Bridge Bays, on Pallet Adapters (Improved Ribbon Bridge System)—Flatcars	6	
68-A	Bodies-Stake-Bridge Transporting Trailer—Flatcars	6	
386	Bolsters and Truck Side Frames for Railcars—Flatbed Trailers	7	
12	Boxed Parts—Flatcars with Wood or Nailable Steel Floors	3	
12	DOVER LAIRS—LIGICALS MITH MADOR OF HAIRANIE STEEL LIOUIZ	<u> </u>	

Fig. No.	Title	Section	Circular?
21-E	Bridge Erection Boat (BED), M30—Flatcar, Chain Tie-Down	6	check
250	Building Material, Metal, Packaged—Flatbed Trailers	7	OHOOK
251	Building Material, Metal, Packaged—Flatbed Trailers	7	
142	Building Units, Concrete, Modular, 65,000 lb or Less—Flatcars	3	
24	Buildings, Prefabricated, Straight and Curved Rib Crates—Gondolas	6	
200	Bulldozers, with Grousers—Flatcars, with Chain Tie-Downs	3	
76	Bulldozers, with Grousers, 180,000 lb or Less—Flatcars Equipped with Cushioning Devices	3	
76-A	Bulldozers, with Grousers, D10—Flatcars Equipped with Cushioning Devices	3	
70-7	Bulldozers, with Grousers, Over 54,000 lb—Flatcars	3	
77	Bulldozers, with or without Grousers, 5,000 lb or Less—Flatcars or Gondolas	3	
77 78		3	
	Bulldozers, with or without Grousers, 5,000 lb to 54,000 lb, Inclusively—Flatcars or Gondolas	3	
80	Bulldozers, with or without Grousers, Crosswise—Flatcars		
26 25	Buoys, Marine (Bilged Drums)—Gondolas	6	
25	Buoys, Marine—Gondolas	6	
27	Buoys, Marine—Gondolas	6	
301	Bus and Truck Chassis, Saddleback—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	
64-A	Cable on Reels, 7 ft to 8 ft Diameter, Crosswise, Single or Double Row—Flatcars, with Cushioning Devices and Chain Tie-Downs	2	
64-C	Cable on Reels, 84 in. to 108 in. Diameter, Single or Double Row, Crosswise—Flatcars, with Chain Tie-Downs	2	
64-B	Cable on Reels, 90 in. to 108 in. Diameter, Single or Double Row, Crosswise—Flatcars, with Chain Tie-Downs	2	
64	Cable on Reels, Single or Double Row, Crosswise—Flatcars	2	
63	Cable, Wire Rope, and Similar Commodities on Reels—Flatcars	2	
62	Cable, Wire Rope, and Similar Commodities on Reels—Gondolas	2	
69-A	Cable, Wire Rope, and Similar Commodities on Reels, 96 in. and 108 in. Diameter, Lengthwise—Gondolas	2	
69	Cable, Wire Rope, and Similar Commodities on Reels, Crosswise—Gondolas	2	
66	Cable, Wire Rope, and Similar Commodities on Reels, Lengthwise—Flatcars	2	
68	Cable, Wire Rope, and Similar Commodities on Reels, Lengthwise—Flatcars	2	
67	Cable, Wire Rope, and Similar Commodities on Reels, Lengthwise—Gondolas	2	
88-G	Caiman Multi-theater Vehicle (Mtv), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Less, Secured with Chains—Flatcars	6	
87	Carrier, Personnel, M113, or Similar Type Vehicles—Flatcars, G-85 or G-89, with Cushioned Rub Rail or Similar Railroad Flatcars	6	
102-A	Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet Product—Center A-Frame Flatcars	5	check
102	Cellulose, Fiber Insulation Board, Less than 31 lb/ft <sup>3</sup> Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead Flatcars	5	
441	Chassis, 23 ft Long or Less, Four High	7	
850	Chassis, Gooseneck 20 ft to 40 ft Long, Four-High on Container—Shipping Unit	7	
842	Chassis, Gooseneck, 23 ft Long, Three High, on Stak-Rak Carriers	7	
443	Chassis, Gooseneck, 40 ft long or Less, Five High	7	
848	Chassis, Gooseneck, 40 ft Long, Four High, on Stak-Rak Carriers	7	
849	Chassis, Gooseneck, 48 ft to 53 ft Long, Two- or Three-High on Container—Shipping Unit	7	
445	Chassis, Gooseneck, 53 ft Long or Less, Three High	7	
48	Choppers, Hay, Potato Planters, Beet Harvesters, Crosswise, 4,000 lb or Less—Flatcars	3	
617	Coil, Flat Steel, Eye Crosswise—Flatrack Containers with Chain Tie-Down System	7	
237	Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers	7	
238	Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers	7	
233	Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers  Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers	7	
233 234	Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers  Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers	7 7	
234 230		7 7	
∠30	Coil, Steel, Individual, Eye Vertical, on Platform—Flatbed Trailers	1	

<b>Fig. No.</b> 29-l	Title Coils of Flat Steel, 86 in. O.D. or Less, Coil Sheet Width Less than 65% of O.D.—Gondolas,	Section 2	Circular?
	with Longitudinal Troughs and Cushioning Devices or Long-Travel Draft Gears		CHECK
29-L	Coils of Flat Steel, 86 in. O.D. or Less, Coil Sheet Width Not Less than 50% of O.D.—Flatcars and Gondolas, with Lateral Troughs (Sawtooth) Lined with Anti-Skid Matting and Cushioning Devices	2	
29-B	Coils of Flat Steel, 86 in. O.D. or Less, Removable Steel Cradles—Gondolas or Bulkhead Flatcars	2	
29-H	Coils of Flat Steel, Cold-Rolled, Finished, Packaged, 86 in. O.D. or Less, Coil Sheet Width Not Less than 50% of O.D.—Covered Gondolas, with Lateral Troughs (Sawtooth) and Cushioning Devices	2	
29-G	Coils of Flat Steel, Cold-Rolled, Finished, Packaged, Including Slit Coils, 86 in. O.D. or Less—Flatcars and Gondolas, with Lateral Troughs (Sawtooth) and Cushioning Devices	2	check
29-J	Coils of Flat Steel, Hot or Cold Rolled, 86 in. O.D. or Less—Coil Cars, with Longitudinal Troughs, Cushioning Devices, or Long-Travel Draft Gears, and Crossbars	2	check
33-B	Coils of Flat Steel, Hot Rolled, Eye Vertical—Gondolas, with Steel Floor	2	
29-M	Coils of Flat Steel, Hot Rolled, Semi-Finished, Unprocessed, 86 in. O.D. or Less, Coil Sheet	2	
29-101	Width Not Less than 50% of O.D.—Flatcars and Gondolas, with 45° Lateral Troughs (Sawtooth) Lined with Anti-skid Matting and Cushioning Devices	2	
29-D	Coils of Flat Steel, Hot Rolled, Semi-Finished, Unprocessed, 86 in. O.D. or Less, Coil Sheet Width Not Less than 50% of O.D.—Flatcars and Gondolas, with Lateral Troughs (Sawtooth) and Cushioning Devices	2	
29-C	Coils of Flat Steel, Hot Rolled, Semi-Finished, Unprocessed, 86 in. O.D. or Less, Width Not Less than 75% of O.D.—Gondolas, with Longitudinal Troughs	2	
29	Coils of Flat Steel, Over 30 in. Wide, Over 7500 lb, on Skids—Gondolas	2	
29-K	Coils of Flat Steel, Rolled, 86 in. O.D. or Less, Coil Sheet Width Less than 75% of O.D.—Coil	2	check
20-10	Cars, with Longitudinal Troughs, Cushioning Devices, or Long-Travel Draft Gears, and No Crossbars	2	CHOCK
34-A	Coils of Rod or Bar—Gondolas	2	check
34-G	Coils of Rod or Bar, 7/32 in. Diameter or Larger, Coils 42 in. to 52 in. O.D. by 45 in. to 52 in. Wide—Flatcars, with Low Bulkheads and Longitudinal Troughs	2	
34-H	Coils of Wire, 48 in. OD × 54 in. Long, Wire Diameter 5.5 mm to 9.0 mm— Flatcars, with Permanent End Bulkheads	2	
34-E	Coils of Wire, High Tensile Steel 47 in. to 50 in. Diameter, 7500 lb or Less—Bulkhead Flatcars, with Cradles and Cushioning Devices	2	
616	Coils, Rod or Wire, 50 in. O.D. or less, Eye Longitudinal—Flatrack Containers, Specially Equipped with Permanent Troughs, End Bulkheads, and Adjustable End Posts	7	
937	Composition Board, 5 ft × 10 ft, Coated or Uncoated, Packaged—Flat Rack Containers, with Bulkheads and Polyester Webbing Tie-Down System	7	
48-I	Concrete Mixer, Trailer Mounted, with Pneumatic Tires, 11,580 lb or Less—Flatcars with Chain Tie-Down	6	check
170	Construction Debris—Gondolas	3	
54-B	Container Handler, Rough-Terrain Type (RTCH), 12 ft Wide and 120,000 lb or Less—Flatcars, 60 ft Long and Over, Chain Tie-Downs	6	
615	Container, Coil Cradle, Loaded on Flatcar	7	
851	Container, Folding, 40 ft Long, Four High—Flatcars	7	
262	Containers, Metal, Reusable, 20 ft Long—Flatbed Trailers	7	
11	Cooling Towers and Components, Packaged and Boxed—Bulkhead Flatcars	3	
55-A	Crane, Hydraulic, Armoured, Maximum Weight 87,400 lb, with Pneumatic Tires—Flatcars, Steel Deck, Chain	6	
66	Cranes, Hydraulic, Maximum Weight 210,000 lb, with Pneumatic Tires—Flatcars, with Wood or Nailable Steel Floor	3	
65	Cranes, Rotating, Maximum Weight, 125,000 lb, with Pneumatic Tires—Flatcars, with Chain Tie-Down Assembly	3	
490	Crates or Boxes with Skids, Loaded—Flatbed Trailers	7	
58-B	Crossties, Packaged, Treated, Untreated, or Plastic, 8 ft or 9 ft Ties on 73 ft cars, 8 ft 6 in. Ties on 61 ft cars—Flatcars, with Center A-Frame, Permanent End Bulkheads, and Cable Tie-	5	check
	Down System		

Fig. No.	Title	Section	Circular?
58	Crossties, Timber, Packaged, Treated or Untreated—Bulkhead Flatcars, with Cushioning Devices	5	
286	Cylinder, UF6, 10 Ton and 14 Ton—Open Top Trailers, Specially Equipped	7	
285	Cylinder, UF6, 3 in. O.D., with Protective Shipping Package—Flatbed Trailers	7	check
258	Decking and Grating, Steel—Flatbed Trailers	7	
7	Doors, Box Car, Vertical—Gondolas	2	
48-G	Dozers, D7R Type I and Type II with Attachments and Cab, 50,550 lb to 58,000 lb inclusive, Flatcars, with Chain Tie-Downs and Cushioning Devices	6	
180	Electrodes, Lengthwise—Bulkhead Flatcars, Cushioned or Non-Cushioned, with Wood or Nailable Steel Floors	3	
375	Engine, 42,000 lb or Less—Flatbed Trailers	7	
113	Engineered-Wood Products, LVL, PSL, and LSL Structural Beams and I-Joists, Packaged— Center A-Frame Flatcars, with Cable or Web Tie-Downs	5	check
112-A	Engineered-Wood Products, LVL, PSL, and LSL Structural Beams and I-Joists, Packaged, 8 ft Long and Over—Bulkhead Flatcars, 48 ft and Over	5	check
261	Excavators, Crawler, 28,000 lb or Less with Boom Attached, 3/8 in. Chain Securement—Flatcars	3	
48-F	Excavators, Crawler, Armored, 67,300 lb or Less with Boom Attached—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	6	
260	Excavators, Crawler, with Grousers, 160,000 lb or Less with Boom Attached—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	check
88-E	Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC)	6	
88-D	Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters	6	
239	Farm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie- Down Assembly	3	
269	Fencing, Wire, in Rolls—Flatbed Trailers	7	
89	Ferromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors	2	check
32	Flakeboard, Packaged, Uniform Length 12 ft, Uniform Width 8 ft, Lengthwise—Bulkhead Flatcars	5	
257	Flooring, Steel, 7 ft High or Less—Flatbed Trailers	7	
54-A	ForkLifts, Variable Reach, 35,000 lb and Under—Flatcars, with Cushioning Devices, Center Tie-Down Channels, and Raised Side Sills	6	
54-C	ForkLifts, Variable Reach, 40,000 lb and Under—Flatcars, with Cushioning Devices, Center Tie-Down Channels	6	
60	Girders and Turntables, Multi-Car Load with Pivoted Bolsters—Flatcars	2	
50	Girders, Horizontal—Flatcars	2	
59	Girders, Horizontal, Multi-Car Loads with Pivoted Bolsters—Flatcars or Gondolas	2	
54	Girders, Lattice and Plate Type, Columns, Etc., Single Load, Double-End Overhang—Flatcars or Gondolas	2	
55	Girders, Lattice and Plate Type, Columns, Etc., Single Load, Single- or Double-End Overhang—Flatcars or Gondolas	2	
53	Girders, Trusses, Roof, Open Type, Whole or Half, etc., Single Load, with or without Overhangs—Flatcars or Gondolas	2	
57	Girders, Vertical, Double Load with Pivoted Bolsters—Flatcars or Gondolas	2	
58	Girders, Vertical, Multi-Car Load with Pivoted Bolsters—Flatcars or Gondolas	2	
55-A	Girders, Vertical, Single Load, Single-End and Double-End Overhang—Flatcars, with Steel Floor and Cushioning Devices	2	
595	Glass, Crated—Flatbed Trailers	7	
210	Graders, Pneumatic Tires, Motor, Six Wheel—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	check
30	Graders, Pneumatic Tires, Motor, Six Wheel, Lengthwise, 40,000 lb or Less—Flatcars	3	
31	Graders, Pneumatic Tires, Motor, Six Wheel, Lengthwise, Over 40,000 lb to 70,000 lb Inclusive—Flatcars	3	
240	Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars	3	
241	Grain Drills, Wheels Dismounted, Unitized—Flatcars	3	
260	Guard Rail, Steel—Flatbed Trailers	7	
	27		

Fig. No.	Title	Section	Circular?
101-B	Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, with Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars	5	check
101-A	Gypsum Wallboard, Packages 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie- Downs and Cushioned Underframe	5	check
177	Heat Exchanger, DODX 300 ton—Flatcars	6	
302	House Trailer, FEMA, Tube Frame, with Pneumatic Tires—Flatcars, with Chain Tie-Down	3	
	Assemblies	-	
190	Houses or Buildings, Not to Exceed 500 lb per Linear Foot, Fabricated or Portable—Flatcar, with Cushion Underframes and/or End-of-Car Cushioning Devices	3	
1-A	Howitzer, 105 mm—Flatcars	6	
1-B	Howitzer, M777A2, 155 mm—Flatcars	6	
115	I-Beams, Metal, 30 ft to 80 ft Long, Webs Vertical—81 ft Flatcars, Equipped with Permanent End Bulkheads, Partial-Height Center Partition, Cushioning Devices, and Web Tie-Down Assemblies	2	
115-C	I-Beams, Structural, Metal, 41 ft to 60 ft Long, Webs Vertical—Partial-Height Center-Partition Flatcars, 81 ft Long or Less, Equipped with Permanent End Bulkheads, Cushioning Devices, and Web Tie-Down Assemblies	2	
43-K	Ingots, Aluminum—Bulkhead Flatcars, with Rubber End Buffers	2	check
43-C	Ingots, Aluminum—Gondolas	2	
43-T	Ingots, Aluminum, 12 ft Long or Over—Bulkhead FlatCars, with Cushioning Devices and Web Tie-Down System	2	
43-B	Ingots, Aluminum, 35,000 lb or Less—Gondolas	2	
43-E	Ingots, Aluminum, 43 in. Wide and Over, Lengthwise—Bulkhead Flatcars	2	
43-H	Ingots, Aluminum, 52 in. Wide and Over, Lengthwise—Bulkhead Flatcars	2	check
43-I	Ingots, Aluminum, 53 in. Wide and Over—Bulkhead Flatcars	2	check
43-Q	Ingots, Aluminum, Less than 12 ft Long—Loaded Side-by-Side on Bulkhead Flatcars, with cushion Devices and Web Tie-Down System	2	check
43-D	Ingots, Aluminum, Less than 43 in. Wide, Lengthwise—Bulkhead Flatcars	2	
47	Ingots, Round, Hexagon, Octagon, and Corrugated, Lengthwise—Gondolas	2	
43-F	Ingots, Titanium, 29 in. to 32 in. Diameter, 7,500 lb to 14,500 lb, 9 ft Nominal Length, Crosswise—Gondolas	2	
88	Iron Ore, Limestone, Coal, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas	2	check
88-K	Joint Light Tactical Vehicle (JLTV), 24,000 lb or Less—Flatcar with Chain Tie-Down Assembly	6	check
41	Landing Mats in Bundles—Gondolas	6	
42	Landing Mats in Bundles—Gondolas	6	
204	Loaders, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc., 130,000 lb or Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	
203	Loaders, Wheels Removed, 120,000 lb or Less—Flatcars Specially Equipped, Including Cushioning Devices	3	
55-C	Locomotives, without Trucks, 160,000 lb or Less—Flatcars, with Wood or Nailable Steel Floors, 48 ft or Over, and Cushioning Device	3	
55-B	Locomotives, without Trucks, 180,000 lb or Less—Flatcars, with Wood or Nailable Steel Floors	3	
11-D	Logs and/or Pulpwood, Unpeeled, Hardwood or Softwood—Bulkhead Flatcars, 50 ft Long or Over, Equipped with Steel Side Stakes	5	check
43-R	Logs or Ingots, Aluminum, 16 ft Long and Over—Center A-Frame Flatcars, with Cable Tie- Downs	2	
14	Logs, 25 in. Diameter or Over, 12 ft Long or Over in Pyramidal Form (Method No. 1) and Logs of Any Diameter Less than 12 ft Long in Gondolas (Method No. 2)	5	
43-P	Logs, Aluminum, 6 in. to 12 in. O.D., 10 ft to 20 ft Long—Bulkhead Flatcars, with Chain Tie- Downs and Cushioning Devices	2	
43-S	Logs, Extrusion, Aluminum, 3 in. to 20 in. O.D., 8 ft Long and Over—Bulkhead Flatcars, with Cushioning Devices and Web Tie-Down System	2	check
17	Logs, Tree Length, Unpeeled—Bulkhead Flatcars, with Permanent Bearing Pieces and Steel Side Stakes	5	
15	Logs, Unpeeled—Flatcars or Bulkhead Flatcars, Equipped with Permanent Side Stakes	5	<u>check</u>

Fin No	Title	Caatian	Cimerale #0
Fig. No. 74	<b>Title</b> Lumber, 1 in. × 2 in. and Over, Not to Exceed 4 in. × 4 in., Packaged—flatcars, 81 ft Long and	Section 5	Circular?
74	Over, with Bulkheads, Partial-Height Center Partition, Cushioning Devices, and Web Tie- Down Assemblies	J	
501	Lumber, 2 in. × 2 in. or Smaller, 6 ft Long, Packaged—Flatbed Trailers	7	
54-B	Lumber, 4 ft to 8 ft Long, Packaged—Center A-Frame Flatcars, with Cable Tie-Downs	5	check
515	Lumber, 4 in. × 4 in. × 8 ft, Packaged—Flatbed Trailers	7	
910	Lumber, 5 ft Long or Over, Packaged—Flat Rack Containers, with Bulkheads and Polyester Webbing Tie-Down System	7	
902	Lumber, 6 ft Long or Over, Packaged—Flat Rack Containers, with Bulkheads	7	
912	Lumber, 8 ft Long or Over, with or without Unequal Lengths, Packaged—Flat Rack Containers, with End Bulkheads and Polyester Webbing Tie-Down System	7	
505	Lumber, Dressed, Packaged, 6 ft Long or Over—Flatbed Trailers	7	
49	Lumber, Hardwood, Packaged, Rough and/or Dressed, Treated or Untreated, 6 ft Long and Over, 2 in. × .044 in. High Tension Bands—Bulkhead Flatcars, with Cushioned Underframe	5	
75	Lumber, Nominally 33 in. High, Packaged—Flatcars, 73 ft, with Depressed Deck, End Bulkheads, Full-Height Center Partition, and Cushioning Devices	5	
68	Lumber, Packaged, 8 ft Long and Over—Bulkhead Flatcars, with PVC Treated Polyester Webbing Tie-Downs, Equipped with Routing Devices or Special Chain Tie-Down Channels	5	
55	Lumber, Packaged—Bulkhead Flatcars, with Constant Tensioning Devices for Use with 1 1/4 in. × .029 in. High Tension Bands	5	
61	Lumber, Packaged, 7 ft Long or Over, Packages Maximum Height 32 in., Maximum Width 51 in.—Bulkhead Flatcars	5	<u>check</u>
54	Lumber, Packaged, 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs	5	
59	Lumber, Packaged, 8 ft Long or Over, Package Height Up to 36 in.—Bulkhead Flatcars	5	
14	Machinery, Plastic Injection Molding, 350,000 lb or Less—Flatcars, with Steel Floors	3	
	Material Chart (New 2/60)	6	
115	Mats, Bolted Hardwood, 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs	5	check
114	Mats, Tilt-Up Hardwood, 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs	5	check
_	Method of Determining Location of Machinery on Flatcars	3	
88-F	Military Vehicles, Armoured, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains—Flatcars	6	
88-B	Military Vehicles, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains— Flatcars Mill Ballars, Steel, Flathard Trailars	6	
379	Mill Rollers, Steel—Flatbed Trailers	7	
45 46	Mill Rolls with Short Bodies, 24 in. O.D. and Over—Gondolas	2	
46 101	Mill Rolls, Lengthwise—Flatcars or Gondolas  Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII	2 6	obook
101-A	Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII  Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only)	6	<u>check</u>
101-A	Mine Detector, Verifice Mounted, Red Pack (VMMD) MRM (GSMC Version only)  Mine Detonation Trailer (FMDT) (SMDT) (TMDT) (USMC version only)	6	
47-A	Molds for Ingots, Lengthwise, Crosswise, or Diagonal with Lugs Horizontal or Vertical— Gondolas	2	
48-H	Motor Graders, Armored, with Pnematic Tires, 45,300 lb or Less—Flatcars with Chain Tiedown	6	check
20	Motor Vehicles, Hauling or Dumping, Off-Highway Type (with Pneumatic Tires) 90,000 lb or Less—Flatcars	3	
400	Nacelle, Wind Turbine, Weight Up to 200,000 lb Each— Flatcar, Heavy Duty	3	check
38	OSB, Siding, Lap-Type, Painted and Packaged, 4 ft Wide, Lengthwise on Car—Bulkhead Flatcars	5	
54-A	Pallet Stock Shorts, Units —Center A-Frame Riserless Flatcars with Permanent End Bulkheads, Cable or Web Strap Tie-Down System, and Cushioning Devices	5	
88-C	Palletized Load System (PLS), Trucks and Trailers, 95,000 lb or Less per Combined Vehicle—Flatcars, HTTX or Similar Type, Equipped with Cushioning Devices	6	
37	Panel Products, Packaged 6 ft Long or Over, 40 in. High or Less—Center A-Frame Flatcars, with Cable Tie-Downs	5	check
31	Panel Products, Packaged, Length 8 ft to 16 ft Lengthwise—Bulkhead Flatcars	5	

Fig. No.	Title	Section	Circular?
30	Panel Products, Packaged, Length 8 ft to 16 ft, Lengthwise—Bulkhead Flatcars with Floor Lading Anchors	5	• · · • · · · · · · · · · · · · · · · ·
34	Panel Products, Packaged, Uniform Length 8 ft or Over, Uniform Width Packages, Lengthwise—Bulkhead Flatcars	5	
35	Panel Products, Uncoated, 6 ft Long and Over—Bulkhead Flatcars	5	check
5-A	Panel Products, Uniform Length 7 ft and Over, Uniform Width 4 ft, Maximum Height of	5	OHOOK
	Package 3 ft—Bulkhead Flatcars, Loaded Lengthwise		
33	Panel Products, Uniform Length 8 ft or Over, Uniform Width 4 ft, Lengthwise—Bulkhead Flatcars	5	
5-B	Panel Products, Uniform Length and Width—Bulkhead Flatcars, Loaded Lengthwise or Crosswise, Secured with Tie-Down Bands or Polyester Web Straps	5	
139	Panels and Beams, Concrete, Prestressed—Bulkhead Flatcars, with 15 in. Minimum Travel Cushion Underframe	3	
263	Parts, Metal, in Kegs on Pallets—Flatbed Trailers	7	check
41	Pickers, Corn, with Wheels Dismounted, 4,000 lb or Less—Flatcars	3	
42	Pickers, Cotton, Lengthwise or Diagonally—Flatcars	3	
230	Pickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly	3	
705	Pipe or Tubing, Steel, 1 in. to 4 in. O.D., 20 ft to 45 ft Long, Packaged, Single or Double	7	
700	Piles—Flat Rack Containers with Bulkheads and Polyester Webbing Tie-Down System	'	
302	Pipe or Tubing, Steel, 4 1/2 in. O.D. or Less—Flatbed Trailers	7	
309	Pipe or Tubing, Steel, Galvanized or Aluminum, 15 ft Long or Less, 12 in. O.D. or Less—	7	
	Flatbed Trailers		
136	Pipe, Casing, and Tubing, Steel, Uncoated or Varnish Coated, 4 1/2 in. to 8 5/8 in. O.D., 38 ft Long and Over—Bulkhead Flatcars	2	
139	Pipe, Cast Iron or Ductile, 12 in. I.D. and Less, 12 ft Long or Over—Gondolas	2	
141	Pipe, Cast Iron or Ductile, 14 in. I.D. and Less—Flatcars	2	
142	Pipe, Cast Iron or Ductile, 16 in. I.D. and Over—Flatcars	2	
147-C	Pipe, Cast Iron or Ductile, 30 in. to 36 in. I.D., 18 ft to 21 ft Long—Bulkhead Flatcars, with Cushioning Devices	2	
147-A	Pipe, Cast Iron or Ductile, 3 in. to 54 in. I.D.—Bulkhead Flatcars, with Chain Tie-Downs or Band Anchors	2	
143	Pipe, Cast Iron or Ductile, Less than 24 in. I.D., 12 ft Long or Over (Not Exceeding Two Layers Above Top of Car Sides)—Gondolas	2	
142-B	Pipe, Cast Iron or Ductile, with Bell or Mechanical Joint, 12 in. I.D. and Less—Flatcars	2	
142-B	Pipe, Cast Iron or Ductile, with Bell or Mechanical Joint, 24 in. I.D. or Less—Flatcars	2	
725	Pipe, Cast Iron, 4 in. to 24 in. I.D.—Flat Rack Containers with Bulkheads and Polyester	7	
	Webbing Tie-Down System		
330	Pipe, Cast Iron, 4 in. to 24 in. I.D.—Flatbed Trailers	7	
332	Pipe, Cast Iron, 4 in. to 54 in. I.D.—Flatbed Trailers	7	
115	Pipe, Cement, 26 in. or Less Diameter, in Pyramidal Form, with No. 8 Gauge High Tension Wire or 1 1/4 in. × .029 in. High Tension Bands—Gondolas	3	
116	Pipe, Cement, 36 in. I.D. or Less, Height Not to Exceed 10 ft Above Car Floor—Flatcars, with Wood or Nailable Steel Floors	3	
115-A	Pipe, Cement, 3 in. to 14 in. I.D., with or without Couplings—Flatcars, with Wood or Nailable Steel Floors	3	
341	Pipe, Cement, 4 in. to 6 in. O.D., 12 ft Long—Flatbed Trailers	7	
343	Pipe, Concrete, Flatbed Trailers	7	
118	Pipe, Concrete, on End—Flatcars or Gondolas	3	
345	Pipe, Concrete, Pressure, 42 in. O.D., 20 ft Long—Flatbed Trailers	7	
347	Pipe, Concrete, Pressure, Reinforced, 22 in. to 104 in. O.D., Nominal 16 ft or 20 ft Lengths— Flatbed Trailers	7	
153	Pipe, Conduit, or Tubing, Aluminum, 16 in. O.D. or Less—Flatcars	2	
119	Pipe, Conduit, or Tubing, Aldmindth, 16 in. O.D. of Less—Platears  Pipe, Conduit, or Tubing, Steel, 1/2 in. to 3 1/2 in. O.D., 10 ft to 45 ft Long, Bundled—Center	2	chock
	Beam Flatcars		<u>check</u>
120	Pipe, Conduit, or Tubing, Steel, 1/2 in. to 9 in. O.D., 10 ft to 45 ft Long, Bundled—Bulkhead Flatcars, with Cushioning Devices	2	check

Fig. No.	Title	Section	Circular?
151-A	Pipe, Corrugated Steel, Galvanized, 12 in. O.D. or Less, 10 ft Long or Over—Flatcars	2	
151-B	Pipe, Corrugated Steel, Galvanized, 12 in. to 60 in. O.D., 10 ft Long or Over—Flatcars	2	
151-C	Pipe, Corrugated Steel, Galvanized, 12 in. to 60 in. O.D., 10 ft Long or Over—Flatcars	2	
148	Pipe, Corrugated Steel, Galvanized, 30 in. O.D. or Less—Gondolas	2	
152	Pipe, Corrugated Steel, Galvanized, 36 in. O.D. or Over, with HT Wire—Flatcars or Gondolas	2	
151	Pipe, Corrugated Steel, Galvanized, Less than 36 in. O.D.—Flatcars	2	
149	Pipe, Corrugated Steel, Galvanized, Less than 36 in. O.D.—Gondolas	2	
150	Pipe, Corrugated Steel, Galvanized, Less than 36 in. O.D.—Condolas	2	
155	Pipe, Corrugated Steet, Galvanized, Less than 30 m. C.D.—Gondolas  Pipe, Corrugated, Aluminum—Flatcars	2	
156		2	
147-D	Pipe, Corrugated, Aluminum, 36 in. O.D. or Over, 10 ft Long and Over—Flatcars Pipe, Ductile, 3 in. to 64 in. I.D.— Flatcars, Fixed Wood Bearing Pieces and Lading Anchors	2	check
400	(Tested by STCC 3321120)	2	
100	Pipe, Plastic, Packaged, Pressure and Sewer—Bulkhead Flatcars	3	
351	Pipe, Polyethylene, 2 in. to 14 in. O.D., 42 ft Long or Less, Packaged—Flatbed Trailers	7	
355	Pipe, Polyethylene, Coiled, 1/4 in. to 22 in. O.D.—Flatbed Trailers	7	
117-A	Pipe, Pressure, Reinforced Concrete, 22 to 74 in. Diameter, Inclusive, Double Pile of Nominal 16 ft or 20 ft Lengths—Flatcars with Wood or Nailable Steel Floors	3	
117	Pipe, Pressure, Reinforced Concrete, 5 ft 10 in. to 15 ft 0 in. diameter, Nominal 16 ft or 20 ft Lengths, Two Pipes per Car—Flatcars, with Wood or Nailable Steel Floors	3	
144	Pipe, Steel and Cast Iron or Ductile, 1 1/2 in. to 12 in. O.D., 10 ft Long or Over—Riserless Flatcars, with Center A-Frame, Permanent End Bulkheads, and Cable Tie-Down Assemblies	2	
137-A	Pipe, Steel and Wrought Iron , Wrapped or Coated—Gondolas	2	
134-C	Pipe, Steel and Wrought Iron, 20 in. to 40 in. O.D.—Flatcars, with PermaStakes	2	
131	Pipe, Steel and Wrought Iron, 24 in. O.D. and Over, 63 ft Long or Less—Gondolas	2	
126	Pipe, Steel and Wrought Iron, 26 in. O.D. or Less—Gondolas	2	
130	Pipe, Steel and Wrought Iron, Over 26 in. O.D., 8 ft to 12 ft Long—Gondolas	2	
124-C	Pipe, Steel, 26 in. Maximum Diameter, Uniform or Mixed Lengths and Diameters, Secured with Non-Metallic Strapping—Gondola Cars	2	
125	Pipe, Steel, 26 in. O.D. or Less, , Uniform or Mixed Lengths and Diameters—Gondolas with Fixed Steel Stakes and High End Bulkheads	2	
124-B	Pipe, Steel, 26 in. OD or Less, Maximum 48 ft Mixed Diameters, Secured with Non-Metallic Strapping—52-ft Gondolas	2	
131-A	Pipe, Steel, 30 in. O.D., 40 ft Long or Less, 12 Pieces per Car—Gondolas with High Sides	2	
230	Pipe, Steel, Bare or Coated, 67 in. to 156 in. O.D., 10 ft to 80 ft Long—Flatcars	2	
160	Pipe, Steel, Bare, 12 3/4 in., 16 in., or 24 in. OD, 50 ft or Longer—Center A-Frame Riserless Flatcars, with Cushioning Devices	2	
128-B	Pipe, Steel, Bare, Coated, 4 in. to 20 in. O.D., 25 ft Long and Over—Bulkhead Flatcars, with Cushioning Devices	2	check
325	Pipe, Steel, Bare, Coated, and/or Wrapped, 16 in. to 48 in. O.D.—Flatbed Trailers	7	
240	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 40 ft Long, Single Pile—Gondolas	2	check
260	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 40 ft Long, Single Pile—	2	check
	Gondolas, 65 ft		
244	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 40 ft Long, Single Pile—Flatcars	2	<u>check</u>
247	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 40 ft Long, Two Piles—Flatcars, 85 ft to 89 ft	2	check
267	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 60 ft Long, Single Pile—Flatcars, 85 ft to 89 ft, and Flatcars with End Bulkheads of Standard Height	2	<u>check</u>
263	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 60 ft Long, Single Pile, with or without Single-End Overhang—Flatcars	2	check
285	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 80 ft Long, Single Pile—Flatcars, 89 ft	2	check
280	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 80 ft Long, Single Pile, Double- End Overhang—Flatcars	2	check
298	Pipe, Steel, Bare, Coated, or Wrapped, 16 in. to 72 in. O.D., 80 ft Long—Flatcars, 89 ft, with Cushioning Devices and Fixed Contoured Bearing Pieces	2	check

Fig. No.	Title	Section	Circular?
267-A	Pipe, Steel, Bare, Coated, or Wrapped; 6 5/8 in. to 16 in. O.D., 45 ft to 65 ft in Length—	2	check
121	Flatcars, 89 ft, with Cushioning Devices  Pipe, Steel, Bundled Threaded or Not, Uncoated and Varnish Coated, 1/2 in. to 10 in., Nominal Diameter, Inclusive, Minimum Length 38-ft Flatcars 48 ft or Over, Equipped with	2	check
	Permanent End Bulkheads and Permanent Steel Side Stakes		
124-A	Pipe, Steel, Coated or Uncoated, 24 in. OD or Less, 40 ft to 61 ft Long—Gondolas	2	
319	Pipe, Steel, Corrugated, Nominal 40 ft Long or Less, 32 in. O.D. or Less—Flatbed Trailers	7	
321	Pipe, Steel, Corrugated, Nominal 40 ft Long or Less, 32 in. O.D. or Less, Nested—Flatbed Trailers	7	
317	Pipe, Steel, Corrugated. Galvanized, Less Than 24 in. O.D.—Flatbed Trailers	7	
315	Pipe, Steel, Iron, or Galvanized Corrugated Steel, 26 in. O.D. or Less, 12 ft Long or Over—Flatbed Trailers	7	
129	Pipe, Steel, Uncoated and Varnish Coated, 4 in. to 10 3/4 in. O.D.—Bulkhead Flatcars	2	check
127	Pipe, Steel, Uncoated or Coated, 18 in. to 26 in.O.D., 25 ft to 64 ft Long—Gondolas with Sides a Minimum of 5 ft High	2	
134	Pipe, Steel, Uncoated, 12 in. to 16 in. O.D., 80 ft Long—Flatcars. 89 ft Long, with Cushioning Devices	2	
710	Pipe, Steel, Uncoated, 2 3/8 in. to 7 5/8 in. O.D., 25 ft to 48 ft Long, Packaged—Flat Rack Containers	7	
129-A	Pipe, Steel, Uncoated, 3 in. to 10 3/4 in. O.D.—Bulkhead Flatcars	2	
715	Pipe, Steel, Uncoated, 5 in. to 20 in. O.D. 25 ft to 48 ft Long—Flat Rack Containers	- 7	
700	Pipe, Steel, Uncoated, 5 in. to 8 in. O.D., 36 ft to 46 ft Long, Single Pile, Nested—Flat Rack	7	
	Containers with Polyester Webbing Tie-Down System		
134	Placement of Trailer(s) and Container(s) on Flatcars	7	
14	Plate or Slab, 10 Ft Long oR Over, Horizontal—Flatcars or Bulkhead Flatcars, 66 ft or Less	2	<u>check</u>
22-C	Plate or Slab, Horizontal—Gondolas	2	<u>check</u>
14-B	Plate or Slab, Horizontal, Steel, 20 ft Long or Over—Flatcars or Bulkhead Flatcars	2	check
19-C	Plate or Slabs, Steel—Gondolas	2	
10	Plate, Diagonal, Single or Lapped Piles—Gondolas	2	
14-A	Plate, Horizontal, Single Load, with or without Overhang—Flatcars	2	
25	Plate, Less than 1/4 in. Thick, Bundled, Lengthwise—Gondolas, with Steel Floors	2	
28	Plate, Less than 1/4 in. Thick, Bundled, Lengthwise—Gondolas, with Steel Floors	2	
27-A	Plate, Less than 1/4 in. Thick, Packaged, on Skids, Lengthwise—Gondolas	2	
12	Plate, Round, Dished or Flanged, Diagonal—Gondolas	2	
11	Plate, Rounds, Diagonal—Gondolas	2	
18	Plate, Unoiled—Gondolas	2	
22-A	Plate, Unoiled, 1/8 in. Thick and Over, 30 in. Wide and Over, Stagger Loaded—Gondolas	2	
21	Plate, Unoiled, Crosswise (Staggered)—Gondolas	2	
531	Plywood or Composition Boards, Packaged—Flatbed Trailers	7	
935	Plywood, Uniform Length and Width, Packaged, Loaded Lengthwise—Flat Rack Containers, with Bulkheads and Polyester Tie-Down System	7	
19	Poles or Pilings, Round Stock, Untreated, Entirely Treated, Partially Treated, 12 ft Long or Over—Gondolas	5	check
25	Poles or Pilings, Untreated or Treated, with 1 1/4 in. × .044 in. High Tension Bands, Single or Double Piles—Bulkhead Flatcars, 50 ft Long or Over, with Cushioning Devices	5	<u>check</u>
24-A	Poles or Round Stock, Untreated or Treated—Single Loads on Flatcars	5	check
18	Poles, Other than Treated, 20 ft Long or Over—Gondolas	5	check
26	Poles, Round Stock—Flatcar, 89 ft, Equipped with Cushioned Underframe, Six Pair of Steel Side Stakes/Bunks, Web Strap, and Winches	5	check
27	Poles, Treated and Untreated, 35 ft and Longer, 62 ft and 70 ft Bulkhead Flatcars Equipped with a Minimum of Three Winches for 4 in. Polyester Web Straps and Six Pair of Steel Side Stakes	5	check
43	Pontoons, Steel, Two Layers—Gondolas	6	
_	Provisions for Shipping Miscellaneous Parts and Boxes without Vertical Securement on Cushioned Flatcars	3	

Fig. No.	Title	Section	Circular?
11-B	Pulpwood, Peeled and Unpeeled, 50 in. and 100 in., Longitudinally—Bulkhead Flatcars, with Steel Side Stakes	5	Oncular:
58-C	Railroad Ties, Treated or Untreated, Packaged, 8 ft Long And Over—Flatcars with Center A-Frame, Permanent End Bulkheads, Cushioning Devices, and Cable Tie-Down System	5	check
9-B	Rails, 39 ft Long and Over—Flatcars	2	
9-E	Rails, 78 ft to 80 ft Long—Bulkhead Flatcars, 85 ft and Over, with Fixed Steel Side Stakes	2	
9-F	Rails, 80 ft Long or Less—Flatcars, 89 ft, with Polyester Webbing Tie-Downs	2	check
9-D	Rails, 80 ft Long or Less, Flatcars, 85 ft and Over	2	
40-A	Rebar—Bulkhead Flatcars	2	check
65	Reel of Cable or Empty, Extra Wide, Lengthwise—Flatcars	2	
64-E	Reels, Empty, 60 in. to 108 in. Diameter, Double or Triple Rows, Double-Stacked—Flatcars	2	
64-D	Reels, Empty, 60 in. to 108 in. Diameter, Single- or Double-Stacked—Gondolas	2	
27	Road Rollers, Tandem and Three Wheel, Lengthwise—Flatcars	3	
26	Road Rollers, Tandem, Lengthwise—Flatcars	3	
25	Road Rollers, Three Wheel, Lengthwise—Flatcars	3	
28	Road Rollers, with One Solid Roll and Two Pneumatic Tired Wheels, Lengthwise—Flatcars	3	
575	Roofing Paper on Pallets—Flatbed Trailers	7	
12-A	Round Stock, 60 in. to 120 in. Long—Bulkhead Flatcars, with Cushioning Devices	5	
87	Scrap, Metal, Loose and Baled—Gondolas	2	
48-B	Scraper, Earthmover, with Pneumatic Tires, 100,000 lb or Less—Flatcars, with Wood Floors	6	
65	Semi-Trailers—Flatcars	6	
71	Semi-Trailers, 10 Ton, with Four Center Dual Wheels, Double Decked—Flatcars	6	
65-A	Semi-Trailers, 12,000, 15,000, and 18,000 lb—Flatcars	6	
73	Semi-Trailers, 20 Ton, Triple Decked—Flatcars	6	
201	Semi-Trailers, 20 Ton, Triple Decked—Flatcars, with Hitches	6	
70	Semi-Trailers, Double Decked, with Two-Wheel Dollies—Flatcars	6	
202	Semi-Trailers, Empty, Single and Dual Wheels—Flatcars, with Hitches	6	
68	Semi-Trailers, Flatbed with Rigid Gooseneck and Dual Wheels, Double Decked—Flatcars	6	
200	Semi-Trailers, Flatbed with Rigid Gooseneck and Dual Wheels, Double Decked—Flatcars, with Hitches	6	
67	Semi-Trailers, Mobile, Light-Weight, with or without Dolly—Flatcars	6	
66	Semi-Trailers, Mobile, Light-Weight, with Tractor—Flatcars	6	
36-B	Shelters, 10,000 lb or Less—Flatcars, with Chain Tie-Down	6	check
975	Shingles, Asphalt or Fiberglass, Bundled, Palletized and Wrapped—Flat Rack Containers, with Bulkheads and Polyester Webbing Tie-Down System	7	
40	Shingles, Palletized, Minimum 40 in. × 40 in.—Riserless Center A-Frame Flatcars	5	
40-A	Shingles, Palletized, Minimum 40 in. × 40 in., Incomplete Layer—Riserless Center A-Frame Flatcars	5	
31-A	Siding, Hardboard, Exterior, Packaged—Center A-Frame Bulkhead Flatcars, with Cable Tie- Downs	5	check
586	Slab, Concrete, Metal Reinforced—Flatbed Trailers	7	
585	Slab, Concrete, Steel Reinforced—Flatbed Trailers	7	
243	Slab, Steel—Flatbed Trailers	7	
22-B	Slabs, 8 in. Thick and Over—Gondolas	2	
48	Slabs, Lengthwise—Gondolas	2	
220	Steel Sheet, Crated—Flatbed Trailers	7	
223	Steel, Flat Rolled—Flatbed Trailers	7	
222	Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers	7	
221	Steel, Flat Rolled, Packaged, without Skids—Flatbed Trailers	7	
150	Stone, Large, Single Layer—Flatcars or Gondolas, with Wood or Nailable Steel Floors	3	
151	Stones, Pulp Grinder, Cores Lengthwise—Gondolas or Flatcars, with Wood or Nailable Steel Floors	3	
52	Straddle Trucks—Flatcars or Gondolas	6	
54	Tamping Machine, Railway Pneumatic, with Steel Car Wheels—Flatcars with Wood or Nailable Steel Floors	3	

Fig. No.	Title	Section	Circular?
-	Tanks and Similar Units 100,000 lb to 140,000 lb—Flatcars, DODX 140-Ton, with Chain Tie-	6	on outure.
83 79 D	Downs Tanks and Similar Units Over 20 000 lb to 100 000 lb. Inclusive Secured with Chains	6	ah a ak
78-B	Tanks and Similar Units, Over 30,000 lb to 100,000 lb, Inclusive, Secured with Chains Tanks and Steel Boiler Shells, 60 in. Diameter and Over—Gondolas	6 3	check
4 2	Tanks or Sections, Steel Boiler Shells, 8 ft Long or Over, 30,000 lb or Less, Loaded	3	
2	Lengthwise, One or More per Car—Flatcars or Gondolas		
3	Tanks or Sections, Steel Boiler Shells, Less Than 8 ft Long—Flatcars or Gondolas	3	
9	Tanks, Long Boiler Shells, Etc., on Pivoted Bolsters—Two or More Flatcars	3	
9-A	Tanks, Long Boiler Shells, Etc., Weighing 200,000 lb or Less—Flatcars 48 ft Long and Over	3	
280	Tanks, Metal, 36 in. O.D. or Less—Flatbed Trailers	7	
3-A	Tanks, Polypropylene, 3,500 lb or Less—Flatcars, 60 ft Long and Over, with Cushioning Devices	3	
7	Tanks, Small Diameter, Light Weight, 5 ft to 12 ft Long, Inclusive—Flatcars or Gondolas	3	
6	Tanks, Small Diameter, Light Weight, Under 5 ft Long—Gondolas	3	
5	Tanks, Steel, Small Diameter, Over 12 ft Long—Flatcars or Gondolas	3	
35	Threshers, Harvester (Combines), 11,000 lb or Less—Flatcars	3	
247	Threshers, Harvester (Combines), 12,000 lb to 16,000 lb Inclusive—Flatcars with Chain Tie- Down Assembly	3	check
37-B	Threshers, Harvester (Combines), 19,000 lb or Less—Flatcars	3	
246	Threshers, Harvester (Combines), 30,000 lb or Less—Flatcars with Chain Tie-Down Assembly	3	check
248	Threshers, Harvester (Combines), 60,000 lb or Less—Flatcars	3	check
40	Threshers, Harvester (Combines), Corn Picking Attachments, 2,000 lb or Less, Skidded Upright, in Pairs (Face to Face), Crosswise—Flatcars	3	<u>0.1001t</u>
40-A	Threshers, Harvester (Combines), Corn Picking Attachments, 8,000 lb or Less, Upright, in	3	
37-A	Pairs (Face to Outside), Crosswise—Flatcars Threshers, Harvester (Combines), Not Exceeding 11,500 lb—Flatcars	3	
36	Threshers, Harvester (Combines), Not Exceeding 11,300 lb—Flatcars  Threshers, Harvester (Combines), Not Exceeding 22,500 lb—Flatcars	3	
37	Threshers, Harvester (Combines), Not Exceeding 23,000 lb—Flatcars	3	
38	Threshers, Harvester (Combines), Not Exceeding 20,000 lb—Flatcars	3	
13	Ties—Gondolas	5	
140	Ties, Concrete, Switch- and Cross Ties—Bulkhead Flatcars, with or Without Constant Tensioning and Cushioning Devices	3	
140-A	Ties, Concrete, Switch- and Crossties—Bulkhead Flatcars, with Cushioning Devices	3	
58-A	Timber, Landscape, Packaged, 8 ft Long—Center A-Frame Flatcars, with Cable Tie-Downs	5	check
796	Tires, Maximum 11 ft Diameter—Four per Each 20 ft Flat Rack Container with Retractable or Permanent End Bulkheads	7	<u> </u>
795	Tires, Maximum 11 ft Diameter—Two per Each 20 ft Flat Rack Container with Retractable or Permanent End Bulkheads	7	
141	Track Panels, Mixed Lengths—Specially Equipped Flatcars with Permanent A-Frame Structure	3	check
87-B	Tracked Vehicles, 30,000 lb or Less—Flatcars, with Tie-Down Rails and Cushioning Devices	6	
21	Tractor-Drawn Scraper (Pneumatic Tires), Two Wheel, Lengthwise—Flatcars	3	
21	Tractor-Scraper Combination (Caterpillar 621G Tractor-Scraper Combination), Armored Cab	6	
48-E	with Pneumatic Tires, 80,000 lb or Less on DODX Railcar	U	
202	Tractor-Scraper Combination, Pneumatic Tires—Flatcars, with Chain Tie-Down Assembly and Cushioning Device	3	
48-D	Tractor-Scraper Combination, with Pneumatic Tires, 150,000 lb or Less—Flatcars, with Chain Tie-Downs and Cushioning Devices	6	
250	Tractors, Agricultural, Rubber Treads, 39,000 lb or Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	
401	Tractors, Crawler Type with Grousers, 45,000 lb or Less—Flatbed Trailers, with Chain Tie- Downs	7	
48-C	Tractors, Forklifts, Dozers, Etc., with Pneumatic Tires, Articulated and Nonarticulated, 150,000 lb or Less—Flatcars, with Chain Tie-Downs and Cushioning Devices	6	

<b>Fig. No.</b> 405	<b>Title</b> Tractors, Four Wheel (with Tires), with or without Buckets, 45,000 lb or Less—Flatbed Trailers,	Section 7	Circular?
53	with Chain Tie-Downs Tractors, Pneumatic Tires, 25,000 lb and Less—Flatcars with Chain Tie-Down Assembly and	3	
251	Cushioning Devices  Tractors, Pneumatic Tires, 4 Wheel, 30,000 lb or Less, Lengthwise—Flatcars, with Chain Tie-Down Assembly	3	check
50	Tractors, Pneumatic Tires, 5,500 lb or Less Inclusive—Flatcars, Crosswise	3	
206-A	Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly	3	check
206	Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	<u>check</u>
205	Tractors, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc.—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	check
51	Tractors, Pneumatic Tires, Row Crop and Conventional, Lengthwise, Over 5,000 lb to and Including 15,000 lb—Flatcars	3	
23	Tractors, Pneumatic Tires, Two Wheel, Lengthwise, 80,000 lb or Less—Flatcars	3	
22	Tractors, Pneumatic Tires, Two Wheel, Tractor-Drawn Scraper Combination, Lengthwise, 170,000 lb or Less—Flatcars	3	
88-I	Tractors, Truck, Heavy, 36,500 lb or less, Secured with Chains—Flatcars	6	
52	Tractors, with or without Pneumatic Tires, Both Row Crop and Conventional, 10,000 lb or Less, Lengthwise or Diagonally—Flatcars	3	
51-A	Tractors, with or without Pneumatic Tires, Both Row Crop and Conventional, Lengthwise or Diagonally, Over 4,000 lb to and Including 7,000 lb—Flatcars	3	
69	Trailer Vans—Flatcars or Gondolas, with Wood Floors	6	ala a al c
63-B 88-J	Trailer, M200A1—Flatcars, with Chain Tie-Downs	6	<u>check</u>
64	Trailer, M870A2E1, 24,500 lb or Less—Flatcars, 60 ft Long Trailers, 1 1/2 Ton Cargo, Double Decked—Flatcars	6	
203	Trailers, 1 1/2 Ton Cargo, Double Decked—Fractars  Trailers, 1 1/2 Ton, Two-Wheel, Lengthwise—TOFC Flat Bed Trailers	6 6	
61	Trailers, 3/4-Ton Cargo—Gondolas, with Wood Floors	6	
434	Trailers, 5/4-10th Cargo—Contactas, with Wood Floors  Trailers, Flatbed with Bulkheads, Double Decked	7	
200-C	Trailers, Flatbed with Bulkheads, Double Decked  Trailers, Flatbed with Bulkheads, Double Decked	6	
432	Trailers, Flatbed, Double Decked, Secured with Chains and Blocking	7	
200-B	Trailers, Flatbed, Double Decked, Secured with Chains and Blocking	6	
430	Trailers, Flatbed, Double Decked, Secured with ChainS Only	7	
200-A	Trailers, Flatbed, Double Decked, Secured with Chains Only	6	
437	Trailers, Flatbed, Triple Decked, Secured with High Tension Bands	7	
88-H	Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly And Cushion Device	6	
63-A	Trailers, Single Axle, Cargo, Water Tank and Similar Types, Weighing 25,000 lb or Less—Flatcars	6	
1-D	Transformers, 100,000 lb and Greater—Flatcars with 1/2 in. or Thicker Steel Floors	3	check
1-C	Transformers, 200,000 lb or Less—Flatcars, with Nailable Steel Floors and Cushioning Devices	3	check
1-B	Transformers, 775,000 lb or Less—Depressed Center Flatcars	3	
1	Transformers, Transformer Tanks, Circuit Breakers and Similar Units, 35,000 lb or Less—Flatcars	3	
1-A	Transformers, Weighing 21,000 lb or Less, 10 ft High or Less, Boxed, Crated, or Skidded—Flatcars	3	check
300-A	Trucks, Motor, Saddleback—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	
300	Trucks, Motor, SaddleBack, with or without Full Mount Unit—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	
56	Trusses, Roof, Metal, Vertical, Double Load with Pivoted Bolsters—Flatcars or Gondolas	2	
254	Trusses, Steel—Flatbed Trailers	7	
255	Trusses, Steel, Two Tiers High—Expandable Flatbed Trailers	7	
154-A	Tubing, Squares and Rectangles, Hollow Structural, 12 in. × 12 in. or Less—Bulkhead Flatcars	2	

Fig. No.	Title	Section	Circular?
154	Tubing, Steel, Squares and Rectangles, Hollow Structural, 12 in. × 12 in. or Less—Gondolas	2	
154-B	Tubing, Steel, Squares, Rectangles, Hollow Structural, and Rounds, Over 12 ft Long, Packaged—Bulkhead Flatcars, with Cushioning Devices	2	check
58-C	Vehicles, Amphibious Assault (AAV)—Flatcars Equipped with 1/2 in. Chains, Four Tie-Down Channels, and Cushioned Underframe	6	
58-A	Vehicles, Heavy Armored and Similar (Stryker), 60,100 lb and Less—Flatcar with Chain Tie- Downs	6	check
58-B	Vehicles, Light Armored (LAV), 32,000 lb and under—Flatcars Equipped with 1/2 in. Chains, Four Tie-Down Channels, and Cushioned Underframe	6	
58	Vehicles, Light Armored and Similar, 30,000 lb and Under—Flatcars	6	
83	Wheels, Mounted Railroad—Gondolas	2	check
84	Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas	2	check
85	Wheels, Mounted Railways, Single Layer or Two Layers High, Specially Equipped Flatcar	2	check
49-A	Windrower, Self-Propelled, Crosswise, 4,000 lb or Less—Flatcars	3	
49	Windrower, Self-Propelled, Lengthwise, 4,000 lb or Less—Flatcars	3	
49-B	Windrower, Self-Propelled, Pneumatic Tires, 5,000 lb or Less, Lengthwise—Flatcars	3	
267	Wire Cloth, Steel, Crated—Flatbed Trailers	7	check
55	Wrecked Car Bodies—Flatcars or Gondolas	3	check
55-A	Wrecked Car Bodies—Loaded on Modified Flatcars	3	check

## ARCHIVED FIGURES MOVED TO SECTION 4

Fig. No.	Title	Original Section
40	Aircraft Fuselage Mounted on Wood Frame Unboxed on Skid Base—Flatcars	6
37	Aircraft Fuselages, Wings, Wing Sections, Surfaces, Etc., Boxed—Flatcars	6
39	Aircraft Wings and Aft Section Mounted on Wood Frame, Unboxed on Skid Base—Flatcars	6
30	Airplane Engine Containers, Empty, Lengthwise, Side by Side, Double-Decked with 2 in. × .044 in. High Tension Bands—Flatcars	6
31-A	Airplane Engine Containers, Loaded or Empty, Lengthwise, Side by Side, Double-Decked—Flatcars	6
28	Airplane Engine Containers, Loaded or Empty, Lengthwise, Side by Side, Single-Decked—Flatcars	6
32	Airplane Engines in Wood Containers, Lengthwise, Single-Decked—Flatcars or Gondolas	6
56	Airplanes, Boxed—Gondolas	4
89	Asbestos Filler Sheets, Palletized, 10 ft Long or Less, 4 ft Wide × 21 in. High, Lengthwise—Bulkhead Flatcars	4
48	Automobile Truck Bodies—Flatcars or Gondolas	4
51	Automobile Truck Bodies, Crosswise, with High Tension Bands—Flatcars	4
49	Automobile Truck Bodies, Horizontal—Gondolas	4
52	Automobile Truck Bodies, Lengthwise, with High Tension Bands—Flatcars	4
53	Automobile Truck Bodies, Lengthwise, with High Tension Bands—Flatcars	4
50	Automobile Truck Bodies, Vertical—Gondolas	4
44	Automobiles and Other Materials (All Boxes Weighing 6,000 lb or Less) One or More Layers—Gondolas	4
45	Automobiles and Other Materials (Boxed) End for End Piles, One or More Layers—Gondolas with Steel Floors	4
42	Automobiles and Other Materials (Boxed) One or More Layers—Flatcars or Gondolas	4
43	Automobiles and Other Materials (Boxed) One or More Layers—Flatcars or Gondolas	4
47	Automobiles and Other Materials (Boxed) One or Two Layers, Overlapped—Gondolas with Steel Floors	4
46	Automobiles and Other Materials (Boxed) Single Pile, One or More Layers—Gondolas with Steel Floors	4
18	Barges, Bolted, Sectional, for Deck Cargoes—Gondolas and Flatcars	6
17	Barges, Bolted, Sectional, for Liquid or Dry Cargo, Secured with Clamps and Rods—Gondolas	6
16	Barges, Bolted, Sectional, for Liquid or Dry Cargo, Secured with High Tension Bands—Gondolas	6
19	Barges, Two Section—Flatcars or Gondolas	6
37-A	Beams and Structural Shapes, Load Not to Exceed 6 ft Above Floor—Gondolas	2
40	Beams and Structural Shapes, Rebar and Similar Steel Products, Single- and Multi-Car Loads, with or without Overhangs—Flatcars or Gondolas	2
36	Beams and Structural Shapes, Steel, Double-End Overhang—Flatcars or Gondolas	2

Fig. No.	Title	Original Section
37	Beams and Structural Shapes, Steel, Load Not to Exceed 5 ft Above Floor—Flatcars or Gondolas	2
35	Beams and Structural Shapes, Steel, Load on One Bearing Piece on Top of Steel Sides, Single Overhang—Gondolas	2
107	Beams and Structural Shapes, Steel, Over 65 ft Long—Flatcars, 85 ft Long and Over, with Wooden Bulkheads, Partial Sides, Steel Side Stakes, and Fixed Bearing Pieces	2
38	Beams and Structural Shapes, Steel, with or without Sliders, 7 ft High or Less Above Bearing Pieces—Flatcars or Gondolas	2
109-B	Beams, Steel, H and I, Maximum Size 42 in., 18 ft Long and Over, Webs Horizontal and/or Vertical, Bulkhead Flatcars, with Cushioning Devices	2
21-C	Boats, 27 ft, Bridge Erection, in Cradles, Two per Car—Flatcars	6
21-A	Boats, Assault, Nested, Racked—Flatcars or Gondolas	6
20	Boats, in Cradles—Flatcars or Gondolas	6
22	Boats, Landing Craft—Flatcars	6
21	Boats, Landing Craft, in Cradles, Floating Type Load—Flatcars	6
23	Boats, Motor Whale—Gondolas	6
16	Boilers, Large Stationary and Locomotive Type—Flatcars or Gondolas	4
17	Boilers, Large Stationary and Locomotive Type—Flatcars or Gondolas	4
8	Boilers, Shells, Tanks, Etc., Long, Not Exceeding 30,000 lb or 80 ft Long and Not Subject to Damage by Stationary Bolsters—Two Flatcars	4
19	Boilers, Weighing 1,000 lb or Less and 4 ft 6 in. High or Less—Flatcars	4
86	Brick, Packaged—Bulkhead Flatcars, with 15 in. Minimum Travel Cushion Underframes	4
87	Brick, Packaged, Partial Double Deck—Bulkhead Flatcars, with 15 in. Minimum Travel Cushion Underframes	4
110	Building Sections, Metal, and Accessories—Gondolas	2
1-C	Circuit Breakers, 8,000 lb or Less—Flatcars	4
1-D	Circuit Breakers, Over 8,000 lb to 35,000 lb Inclusive—Flatcars	4
82	Clay Sewer Pipe, 18 in. I.D. and Over, on End—Gondolas	4
81	Clay Sewer Pipe, Lengthwise—Gondolas	4
30	Coils of Flat Steel, 55 in. O.D. and Over, on Skids—Gondolas	2
29-A	Coils of Flat Steel, 67 in. O.D. or Less, Individual or Packaged—Flatcars, with Center Stake Pockets	2
33	Coils of Flat Steel, 72 in. O.D. and Less, Eye Longitudinal—Gondolas	2
29-F	Coils of Flat Steel, 86 in. O.D. or Less, Removable Steel Cradles—Flatcars, 75 ft Long or Less	2
29-E	Coils of Flat Steel, Hot Rolled, Semi-Finished, Unprocessed, 65 in. to 76 in. O.D., Width Not Less than 60% of O.D., Eye Lateral—Flatcars, with Wooden Bunks	2
31	Coils of Flat Steel, Less than 60 in. O.D., with Center Void—Gondolas	2
32	Coils of Flat Steel, Less than 60 in. O.D., with Side Void—Gondolas	2
33-C	Coils of Flat Steel, Over 25,000 lb, O.D. Equal to or Greater than Height, Eye Vertical, in Single Row—Gondolas, with Wood or Steel Floor	2
33-A	Coils of Flat Steel, Single or Multiple, Eye Vertical, Packaged on Skids—Gondolas	2
34-D	Coils of Rod or Bar, 7/32 in. Diameter or Larger, Coils 50 in. to 53 in. O.D. by 40 in. to 64 in. Wide—Gondolas	2
33-D	Coils of Tin Plate, Eye Vertical, on Floating Skids—Gondolas	2
34	Coils of Wire, 44 in. Diameter or Less—Gondolas	2
34-B	Coils of Wire, 48 in. Diameter or Less—Bulkhead Flatcars, with Sloped Floors and Steel Side Rails Extending 8 in. Above Car Deck	2
34-C	Coils of Wire, 48 in. Diameter or Less—Bulkhead Flatcars, with Steel Side Stakes and Rails	2
62-B	Compressors, 3,000 lb or Less, with Pneumatic Tires, Lengthwise, Single or Double Rows—Flatcars	6
38	Compressors, with or without Pneumatic Tires—Flatcars	4
34	Containers, Conex Type, Full or Half Size, Crosswise, Empty, Double Decked—Flatcars or Gondolas, with Wood or Steel Floors	6
34-A	Containers, Conex Type, Full or Half Size, Crosswise, Empty, Double Decked—Flatcars or Gondolas, with Wood or Steel Floors	6
35-A	Containers, Conex Type, Full or Half Size, Crosswise, Empty, Double Decked—Gondolas, with Wood or Steel Floors, Secured with Pneumatic Dunnage, Rubber, Reusable Type	6

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Fig. No.	Title	Original Section
35	Containers, Conex Type, Full or Half Size, Crosswise, Loaded on Sides, Empty, Double Decked—Gondolas, with Wood or Steel Floors	6
33	Containers, Conex Type, Full or Half Size, Crosswise, Loaded or Empty, Single Deck—Flatcars or Gondolas, with Wood or Steel Floors	6
36	Containers, Conex Type, Full or Half Size, Crosswise, Loaded or Empty, Single Deck—Gondolas, with Wood or Steel Floors	6
33-A	Containers, Conex Type, Full or Half Size, Crosswise, Loaded or Empty, Single Decked, with Pneumatic Dunnage—Gondolas, with Wood or Steel Floors	6
55	Crane, Truck Mounted, 15,000 lb and Under—Flatcars or Gondolas	6
36	Cranes, Derricks, Etc., on Their Own Wheels, with Booms Attached, When Length of Boom Does Not Exceed 30 ft Beyond End Sill of the Car on Which the Machine Is Mounted	4
37	Cranes, Derricks, Etc., on Their Own Wheels, with Booms Detached, Cables Not Removed	4
33-C	Cranes, Rotating, Maximum Weight 130,000 lb, with Pneumatic Tires—Flatcars	4
35	Cranes, Wrecking, Shipped with Booms Supported Exclusively by Their Cables	4
25	Crawler-Type Cranes, Crawlers Removed, Rotating Bodies, Booms Attached—Flatcars	4
22	Crawler-Type Cranes, Draglines, Etc., Rotating Bodies, Booms Attached—Flatcars	4
22-C	Crawler-Type Cranes, Draglines, Etc., Rotating Bodies, Booms Attached—Flatcars	4
21	Crawler-Type Machines, Rotating Bodies, Booms Detached—Flatcars	4
22-B	Crawler-Type Machines, Rotating Bodies, Booms Detached—Flatcars	4
24	Crawler-Type Shovels, Crawlers Removed, Rotating Bodies, Booms and Buckets Attached—Flatcars	4
26	Crawler-Type Shovels, Crawlers Removed, Rotating Bodies, Booms Detached—Flatcars	4
20	Crawler-Type Shovels, Rotating Bodies, Booms Attached—Flatcars	4
22-A	Crawler-Type Shovels, Rotating Bodies, Booms Attached—Flatcars	4
48	Crushing and Screening Plants, Six Wheel, with Pneumatic Tires and Dual Front Wheels—Flatcars	6
15	Cylinder, Loaded or Empty, 10 Ton and 14 Ton Capacity—Flatcars, Specially Equipped	4
89	Dolly Set, Transportable—Flatcars or Gondolas, with Wood Floors	6
83	Electrodes and Pins—Gondolas	4
84-A	Electrodes—Bulkhead Flatcars, with Cushioned Underframe	4
84	Electrodes, Crosswise—Gondolas	4
112	Engineered-Wood Products, LVL, PSL, and LSL Structural Beams and I-Joists, Packaged—Bulkhead Flatcars, 48 ft Long and Over, with Cushioning Devices	5
111	Engineered-Wood Products, LVL, PSL, and LSL Structural Beams and I-Joists, Packaged, Uncoated—Flatcars, 85 ft or 89 ft	5
54	Fork Lift Trucks—Flatcars or Gondolas	6
39	Four- or Six-Wheel Trucks and Other Motor Vehicles (Single or Dual Wheels)—Flatcars and Gondolas, with Wooden Floors	4
40	Four-Wheel Trackless Trolleys and Other Motor Vehicles—Flatcars, with Wooden Floors	4
61	Girders, Box-Type, Multi-Car Load with on Pivoted Bolsters—Flatcars	2
23	Girders, Plates and Structural Shapes, Single Load, Single- or Double-End Overhang—Flatcars or Gondolas	2
51	Girders, Vertical—Flatcars or Gondolas	2
64	Glass in Boxes—Gondolas	4
63	Glass in Boxes, Pyramid Unit—Gondolas	4
65-C	Glass in Boxes, Single Units—Gondolas	4
65-B	Glass in Boxes, Uniform or Non-Uniform, Split Unit—Gondolas	4
65-A	Glass in Boxes, Uniform Size Unit—Gondolas	4
65	Glass in Uniformly Sized Boxes, 12 ft High or Less—Gondolas	4
67	Glass, Rough Rolled, Packaged, Three Units, Size 131 in. × 77 in.—Gondolas	4
66	Glass, Rough Rolled, Packaged, Two Units, Size 130 in. × 144 in.—Gondolas	4
75	Grindstones—Flatcars or Gondolas	4
86	Gun Barrel Equipment, Method of Securing After Gun Barrel Has Been Unloaded	6
84	Gun Barrels, 16 in., 45 Calibre—Flatcars	6
85	Gun Barrels, 16 in., 50 Calibre—Flatcars	6
1	Gun or Howitzer, 37, 40, 75, 90, 105 and 155 mm—Flatcars or Drop-End Gondolas	6

Fig. No.	Title	Original Section
2	Gun, 155 mm M-1 and 8-in. Howitzer Carriage—Flatcars	6
7	Gun, Howitzer, M 198, 155 mm—Flatcars	6
101	Gypsum Board, Packaged, Nominal Width 4 ft, Uniform Length, Lengthwise or Crosswise—Bulkhead Flatcars (Rail Distance 750 Miles or Less)	5
23-A	Hoist Mechanism Group (Sonar Device)—Flatcars	6
43-M	Ingots, Aluminum—Bulkhead Flatcars, with Fixed Risers and Chain Tie-Downs	2
43-A	Ingots, Aluminum, 150 in. Long—Bulkhead Flatcars	2
43-L	Ingots, Aluminum, 150 in. to 300 in. Long, 26 in. High or Less, 60 in. Wide or Less—Bulkhead Flatcars, with Cushioning Devices and CTDs	2
43-J	Ingots, Aluminum, 25,000 lb and Over—Bulkhead Flatcars, 62 ft Inside Length, with Cushioning Devices and CTDs	2
1	Ingots, Copper, 13 ft Long and Over—Flatcars, with Fixed End and Intermediate Bulkheads and Permanent Moveable Side Chocks	2
175	Intermodal Freight Containers, 20 ft, Empty, 6,000 lb or Less, Single or Double Loaded—Flatcars	6
176	Intermodal Freight Containers, 20 ft, Empty, 6,000 lb or Less, Single, Double, or Triple Loaded—Gondolas	6
6-B	Joists, Steel, Long Span, Single Load, Single- or Double-End Overhang—Gondolas	2
78	Landing Vehicles, Amphibian, 60,000 lb and Under, Tracked—Flatcars or Gondolas	6
78-A	Landing Vehicles, Tracked (LVT Tanks), with or without Guns, Over 60,000 to 100,000 lb Inclusive— Flatcars	6
29	Linerboard Paper Rolls, Nominally 30 in. Diameter × 168 in. Long, Six per Pile, Pyramided, Lengthwise—Bulkhead Flatcars, with Constant Tensioning Devices for Use with 1 1/4 in. × .029 in. High Tension Bands	5
1	Lumber—Flatcars or Gondolas	5
66	Lumber, Packaged, 6 ft Long or Over with Packages 3 ft × 3 ft and 3 ft × 4 ft—Bulkhead Flatcars	5
64	Lumber, Packaged, 10 ft to 16 ft Long, Inclusive, Over 31 1/2 in. High—Bulkhead Flatcars	5
50	Lumber, Packaged, 6 ft Long and Over—Bulkhead Flatcars, with Chain Tie-Downs	5
67	Lumber, Packaged, 6 ft to 20 ft Long, Inclusive, Including Packages of Random Widths and Lengths of Clear Lumber, Packages 26 in. Maximum Height—Bulkhead Flatcars, with Cushioned Underframes	5
62	Lumber, Packaged, 7 ft Long or Over, Over 32 in. High, 3 ft × 3 ft, 3 ft × 4 ft, and 4 ft × 4 ft Packages—Flatcars (Conventional or Bulkhead)	5
60	Lumber, Packaged, 7 ft Long or Over, Packages 26 in. High or Less—Bulkhead Flatcars	5
65	Lumber, Packaged, 7 ft Long or Over, Packages Maximum Height 32 in., Maximum Width 51 in., Minimum Width 18 in., Loads Three Packages Wide—Flatcars (Conventional or Bulkhead)	5
50-A	Lumber, Packaged, 8 ft Long and Over, with Attached Grooved Separators—Bulkhead Flatcars, with Chain Tie-Downs	5
53	Lumber, Packaged, 8 ft Long or Over, Nominally 2 ft × 4 ft Packages, Uniform Length in Packages— Bulkhead Flatcars, with Laterally Adjustable Chain Tie-Downs	5
63	Lumber, Packaged, 8 ft Long, 32 in. through 36 in. High and 48 in. Wide— Bulkhead Flatcars, Inside Length 66 ft	5
56	Lumber, Packaged, Chemically Treated by Waterborne Preservatives Only, Packages Nominally 2 ft × 4 ft, Long and Over—Bulkhead Flatcars, with Chain Tie-Downs	5
52	Lumber, Packaged, Hardwood, 1 in. × 4 in. and Over, 8 ft Long and Over—Bulkhead Flatcars, with Cushioned Underframe and Laterally Adjustable Chain Tie-Downs	5
51	Lumber, Packaged, Hardwood, Rough and/or Dressed, Random Width and Length—Bulkhead Flatcars, with Chain Tie-Downs	5
70	Lumber, Packaged, Redwood, 6 ft Long or Over, Uniform Cross Section, Packages Nominally 2 ft × 4 ft—Flatcars	5
71	Lumber, Packaged, Redwood, 6 ft Long or Over, Uniform Cross Section, Packages Nominally 3 ft × 3 ft, 3 ft × 4 ft, and 4 ft × 4 ft—Bulkheads	5
55-A	Lumber, Packaged, Rough and/or Dressed—Bulkhead Flatcars, with Cushioned or Non-Cushioned Underframes and Treated Polyester Synthetic Webbing	5
28	Machine with Boom Attached and Not Extending Beyond End of Car—Flatcars	4
110	Machine, Plastic Injection Molding, 350,000 lb or Less—Flatcars, with Wood Floors	4
27	Machines on Which Only the Boom Rotates—Flatcars	4
73	Marble in Slabs, 18 in. High or More—Gondolas with Wooden Floors	4
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Fig. No.	Title	Origina Section
74	Marble in Slabs, Less Than 18 in. High, Also Small Pieces, on Edge—Gondolas with Wooden Floor	4
82	Mesh, Wire or Bar Mats, Flatwise, 7 ft High or Less Above Floor—Flatcars	2
81-B	Mesh, Wire or Rod and Bar Mats, Inverted Flatwise, 8 ft or Less Above Car Floor—Flatcars	2
72	Mesh, Wire or Rod or Bar Mats, Inverted, Diagonal or Dished—Gondolas	2
76	Mesh, Wire, Rolls on End with Crosswise Layers on Top—Gondolas	2
74	Mesh, Wire, Rolls, 30 in. O.D. or Less, 8 ft Long or Less, Lengthwise, Loaded Pyramidal—Gondolas	2
76-A	Mesh, Wire, Rolls, 36 in. to 72 in. O.D., Crosswise—Flatcars	2
46-A	Mill Rolls, 30 in. to 50 in. O.D., 30,000 to 50,000 lb, Lengthwise—Flatcars or Gondolas	2
44	Mill Rolls, Lengthwise—Gondolas	2
46-B	Mill Rolls, Over 50 in. O.D., Over 50,000 lb, Lengthwise—Flatcars or Gondolas	2
48-A	Motor Graders, Six Wheel, with Pneumatic Tires, 40,000 lb or Less—Flatcars, with Wood Floors	6
90	Paper or Pulpboard Rolls, 60 in. Diameter or Over—Bulkhead Flatcars	4
47-A	Paving Machine, Bituminous Material, Crawler Mounted—Flatcars	6
147-B	Pipe, Cast Iron or Ductile, 3 in. to 64 in. I.D.—Flatcars, with Cushioning Devices, Fixed Wood Bearing Pieces, and Auxilary Band Anchors	2
57-A	Pipe, Cement, Containing Asbestos Fibers, 4 in. to 14 in. I.D., with or without Couplings—Flatcars	4
61	Pipe, Concrete—Flatcar	4
59	Pipe, Concrete, Not Over 48 in. Diameter or Length, Crosswise—Flatcars or Gondolas	4
60	Pipe, Concrete, with Bell Ends, Lengthwise—Flatcars or Gondolas	4
58-A	Pipe, Fiber, Packaged Bituminized, 6 in. I.D. or Less, Uniform Length, Height Not to Exceed Height of Bulkheads—Bulkhead Flatcars	4
117-B	Pipe, Pressure, Reinforced Concrete, 10 ft 4 in. to 11 ft 6 in. Diameter, Inclusive, Nominal 16 ft or 20 ft Lengths—Flatcars, 48 ft or Longer, with Constant Tensioning Devices	3
133	Pipe, Steel and Wrought Iron, 26 in. O.D. and Over, 12 ft Long or Over—Flatcars or Gondolas	2
135	Pipe, Steel and Wrought Iron, Uncoated or Varnish Coated, 2 3/8 in. to 12 3/4 in. O.D., 38 ft Long and Over—Bulkhead Flatcars	2
123	Pipe, Steel, 26 in. O.D. and Less, Uniform or Mixed Lengths and Diameters, with Wire, No. 3 Gauge High Tension—Gondolas	2
124	Pipe, Steel, 26 in. O.D. or Less, Uniform or Mixed Lengths and Diameters—Gondolas (Must Have 4 ft Void at Each End on Material Loaded Above Car Ends at Origin)	2
128-A	Pipe, Steel, Bare, Coated, 6 5/8 in. to 14 in. O.D., 43 ft Long and Over—Bulkhead Flatcars, with Cushioning Devices	2
265	Pipe, Steel, Bare, Coated, or Wrapped, 16 in. to 72 in. O.D., 60 ft Long, Single Pile, Double-End Overhang—Flatcars	2
134-A	Pipe, Steel, Uncoated, 14 in. O.D., 40 ft Long, Two Piles—Flatcars. 89 ft Long, with Cushioning Devices	2
128	Pipe, Steel, Uncoated, 5 in. to 20 in. O.D., 25 ft to 48 ft Long—Bulkhead Flatcars, with Cushioning Devices	2
100	Plate—Bulkhead Flatcar, with Chain Tie-Downs	2
16	Plate, 1 in. Thick or Less, Load 20 in. High or Less—Flatcars	2
17	Plate, 1 in. Thick or Less, Load 20 in. High or Less, Retarded Floating Load—Flatcars	2
13-B	Plate, Diagonal, Single or Lapped Piles—Gondolas	2
13	Plate, Diagonal, Unlapped Piles—Gondolas	2
14-C	Plate, Horizontal, Exceeding Width of Car, 35 ft Long and Over, of Uniform Length, Width, and Thickness—Bulkhead Flatcars, 50 ft to 52 ft 6 in. Long	2
24	Plate, Less than 1/4 in. Thick, Crosswise—Gondolas	2
26	Plate, Less than 1/4 in. Thick, in One or More Layers—Gondolas, with Wood Floors	2
27	Plate, Less than 1/4 in. Thick, Packaged, Lengthwise—Gondolas	2
15	Plate, on Top of Car Sides—Gondolas, with Steel Sides Not Over 48 in. High	2
12-A	Plate, Round, Dished or Flanged, 15-ft Diameter or Less, Maximum Weight 80,000 lb, Diagonal—Hopper Cars	2
19	Plate, Unoiled—Gondolas	2
20	Plate, Unoiled, Crosswise—Gondolas	2
22	Plate, Unoiled, Over 1/8 in. Thick, Lengthwise—Gondolas	2
21	Poles and Pilings, Round Stock, Untreated, Entirely Treated, Partially Treated—Two or Three Flatcars	5

Fig. No.	Title	Origina Section
23	Poles and Pilings, Round Stock, Untreated, Entirely Treated, Partially Treated, with High Tension Bands— for Single Loads or Loads on One Flatcar or Gondola Car Overhanging One or Both Ends of Car or Loads on Two or Three Flatcars	5
20	Poles and Pilings, Untreated, Entirely Treated, Partially Treated, Overhanging One or Both Ends of Car— Drop-End Gondola or Flatcars	5
24	Poles or Pilings, Untreated, Entirely Treated, Partially Treated, with 1 1/4 in. × .044 in. High Tension Bands—for Single Loads on Flatcars or Gondolas, or Loads on One Flatcar Overhanging One or Both Ends of Cars, or Loads on Two or Three Flatcars	5
16	Poles, Untreated, Entirely Treated, Partially Treated, 12 ft Long or Over—Flatcars or Gondolas	5
21-B	Pontoons, One or More Stacks, Eight Each—Flatcars	6
44	Pontoons, Steel, Double-Decked, Rectangular Sections—Flatcars	6
45	Pontoons, Steel, Rake End Sections—Flatcars	6
79	Pouring Channels—Gondolas	4
80	Pouring Channels, with Open Ends—Gondolas	4
11	Pulpwood, Peeled or Unpeeled, Over 6 ft Long, Height Not to Exceed 5 ft 2 in. Above Top of Car Sides or Ends, Maximum Height 9 ft Above Floor, Crosswise—Gondolas	5
11-A	Pulpwood, Peeled or Unpeeled, Over 6 ft Long, Maximum Height 9 ft Above Floor, Crosswise—Gondolas	5
11-C	Pulpwood, Unpeeled, 5 ft 3 in. Long or Less—Bulkhead Flatcars, with Sloped Floors, Excluding Poplar, Birch, Sycamore, and Cottonwood	5
9	Rails—Gondolas	2
9-A	Rails, 78 ft Long and Over, Twin Load—Flatcars	2
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Fig. No.	Title	Section	Circular?
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43-E	Ingots, Aluminum, 43 in. Wide and Over, Lengthwise—Bulkhead Flatcars	2	
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43-11 43-1	Ingots, Aluminum, 53 in. Wide and Over, Lengthwise—Buikhead Flatcars	2	check
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43-N 43-P	Logs, Aluminum, 6 in. to 12 in. O.D., 10 ft to 20 ft Long—Bulkhead Flatcars, with Chain Tie-	2	CHECK
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53	Girders, Trusses, Roof, Open Type, Whole or Half, etc., Single Load, with or without Overhangs—Flatcars or Gondolas	2	
54	Girders, Lattice and Plate Type, Columns, Etc., Single Load, Double-End Overhang—Flatcars or Gondolas	2	
55	Girders, Lattice and Plate Type, Columns, Etc., Single Load, Single- or Double-End Overhang—Flatcars or Gondolas	2	
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59	Girders, Horizontal, Multi-Car Loads with Pivoted Bolsters—Flatcars or Gondolas	2	
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63	Cable, Wire Rope, and Similar Commodities on Reels—Flatcars	2	
00	Casio, The Nope, and Chimica Commodities on Nocis—I latears		

Fig. No.	Title Cable on Reals, Single or Rouble Roy, Crosswigs, Flatours	Section	Circular?
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64-C	Cable on Reels, 84 in. to 108 in. Diameter, Single or Double Row, Crosswise—Flatcars, with Chain Tie-Downs	2	
64-D	Reels, Empty, 60 in. to 108 in. Diameter, Single- or Double-Stacked—Gondolas	2	
64-E	Reels, Empty, 60 in. to 108 in. Diameter, Double or Triple Rows, Double-Stacked—Flatcars	2	
65	Reel of Cable or Empty, Extra Wide, Lengthwise—Flatcars	2	
66	Cable, Wire Rope, and Similar Commodities on Reels, Lengthwise—Flatcars	2	
67	Cable, Wire Rope, and Similar Commodities on Reels, Lengthwise—Gondolas	2	
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69	Cable, Wire Rope, and Similar Commodities on Reels, Crosswise—Gondolas	2	
69-A	Cable, Wire Rope, and Similar Commodities on Reels, 96 in. and 108 in. Diameter, Lengthwise—Gondolas	2	
83	Wheels, Mounted Railroad—Gondolas	2	check
84	Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas	2	check
85	Wheels, Mounted Railways, Single Layer or Two Layers High, Specially Equipped Flatcar	2	check
87	Scrap, Metal, Loose and Baled—Gondolas	2	
88	Iron Ore, Limestone, Coal, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas	2	check
89	Ferromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors	2	check
105	Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces—Flatcars, 60 ft Long and Over with Fixed Bearing Pieces	2	
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106-B	Beams, H and I, Webs Horizontal or Vertical, Single Load, Single- or Double-End Overhang, Load Not to Exceed 60 in. Above Bearing Pieces—Flatcars, 60 ft Long and Over	2	
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109	Beams, Steel, H and I, Maximum Size 42 in., 18 ft Long and Over, Webs Horizontal or Vertical—Bulkhead Flatcars, with Cushioning Devices	2	check
109-A	Beams, Steel, H and I, 20 ft to 65 ft Long, Packaged—Gondolas	2	
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	End Bulkheads, Partial-Height Center Partition, Cushioning Devices, and Web Tie-Down Assemblies	_	
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445 D	Permanent End Bulkheads, Cushioning Devices, and Web Tie-Down Assemblies	•	
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-	Flatcars, with Cushioning Devices		
121	Pipe, Steel, Bundled Threaded or Not, Uncoated and Varnish Coated, 1/2 in. to 10 in., Nominal Diameter, Inclusive, Minimum Length 38-ft Flatcars 48 ft or Over, Equipped with	2	check
124-A	Permanent End Bulkheads and Permanent Steel Side Stakes Pipe, Steel, Coated or Uncoated, 24 in. OD or Less, 40 ft to 61 ft Long—Gondolas	2	
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126	Fixed Steel Stakes and High End Bulkheads Pipe, Steel and Wrought Iron, 26 in. O.D. or Less—Gondolas	2	
127	Pipe, Steel and Wrought from, 20 ff. O.D. of Less—Gondolas  Pipe, Steel, Uncoated or Coated, 18 in. to 26 in.O.D., 25 ft to 64 ft Long—Gondolas with Sides	2	
	a Minimum of 5 ft High		
128-B	Pipe, Steel, Bare, Coated, 4 in. to 20 in. O.D., 25 ft Long and Over—Bulkhead Flatcars, with Cushioning Devices	2	check
129	Pipe, Steel, Uncoated and Varnish Coated, 4 in. to 10 3/4 in. O.D.—Bulkhead Flatcars	2	check
129-A	Pipe, Steel, Uncoated, 3 in. to 10 3/4 in. O.D.—Bulkhead Flatcars	2	
130	Pipe, Steel and Wrought Iron, Over 26 in. O.D., 8 ft to 12 ft Long—Gondolas	2	
131	Pipe, Steel and Wrought Iron, 24 in. O.D. and Over, 63 ft Long or Less—Gondolas	2	
131-A	Pipe, Steel, 30 in. O.D., 40 ft Long or Less, 12 Pieces per Car—Gondolas with High Sides	2	
134	Pipe, Steel, Uncoated, 12 in. to 16 in. O.D., 80 ft Long—Flatcars. 89 ft Long, with Cushioning Devices	2	
134-C	Pipe, Steel and Wrought Iron, 20 in. to 40 in. O.D.—Flatcars, with PermaStakes	2	
136	Pipe, Casing, and Tubing, Steel, Uncoated or Varnish Coated, 4 1/2 in. to 8 5/8 in. O.D., 38 ft Long and Over—Bulkhead Flatcars	2	
137-A	Pipe, Steel and Wrought Iron , Wrapped or Coated—Gondolas	2	
139	Pipe, Cast Iron or Ductile, 12 in. I.D. and Less, 12 ft Long or Over—Gondolas	2	
141	Pipe, Cast Iron or Ductile, 14 in. I.D. and Less—Flatcars	2	
142	Pipe, Cast Iron or Ductile, 16 in. I.D. and Over—Flatcars	2	
142-A	Pipe, Cast Iron or Ductile, with Bell or Mechanical Joint, 24 in. I.D. or Less—Flatcars	2	
142-B	Pipe, Cast Iron or Ductile, with Bell or Mechanical Joint, 12 in. I.D. and Less—Flatcars	2	
143	Pipe, Cast Iron or Ductile, Less than 24 in. I.D., 12 ft Long or Over (Not Exceeding Two Layers Above Top of Car Sides)—Gondolas	2	
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147-A	Pipe, Cast Iron or Ductile, 3 in. to 54 in. I.D.—Bulkhead Flatcars, with Chain Tie-Downs or Band Anchors	2	
147-C	Pipe, Cast Iron or Ductile, 30 in. to 36 in. I.D., 18 ft to 21 ft Long—Bulkhead Flatcars, with Cushioning Devices	2	
147-D	Pipe, Ductile, 3 in. to 64 in. I.D.— Flatcars, Fixed Wood Bearing Pieces and Lading Anchors (Tested by STCC 3321120)	2	check
148	Pipe, Corrugated Steel, Galvanized, 30 in. O.D. or Less—Gondolas	2	
149	Pipe, Corrugated Steel, Galvanized, Less than 36 in. O.D.—Gondolas	2	
150	Pipe, Corrugated Steel, Galvanized, Less than 36 in. O.D.—Gondolas	2	
151	Pipe, Corrugated Steel, Galvanized, Less than 36 in. O.D.—Flatcars	2	
151-A	Pipe, Corrugated Steel, Galvanized, 12 in. O.D. or Less, 10 ft Long or Over—Flatcars	2	
151-B	Pipe, Corrugated Steel, Galvanized, 12 in. to 60 in. O.D., 10 ft Long or Over—Flatcars	2	
151-C	Pipe, Corrugated Steel, Galvanized, 12 in. to 60 in. O.D., 10 ft Long or Over—Flatcars	2	
152	Pipe, Corrugated Steel, Galvanized, 36 in. O.D. or Over, with HT Wire—Flatcars or Gondolas	2	
153	Pipe, Conduit, or Tubing, Aluminum, 16 in. O.D. or Less—Flatcars	2	
154	Tubing, Steel, Squares and Rectangles, Hollow Structural, 12 in. × 12 in. or Less—Gondolas	2	
154-A	Tubing, Squares and Rectangles, Hollow Structural, 12 in. × 12 in. or Less—Bulkhead Flatcars	2	
154-B	Tubing, Steel, Squares, Rectangles, Hollow Structural, and Rounds, Over 12 ft Long, Packaged—Bulkhead Flatcars, with Cushioning Devices	2	check
155	Pipe, Corrugated, Aluminum—Flatcars	2	
156	Pipe, Corrugated, Aluminum, 36 in. O.D. or Over, 10 ft Long and Over—Flatcars	2	
160	Pipe, Steel, Bare, 12 3/4 in., 16 in., or 24 in. OD, 50 ft or Longer—Center A-Frame Riserless Flatcars, with Cushioning Devices	2	

Fig. No.	Title	Section	Circular?
230	Pipe, Steel, Bare or Coated, 67 in. to 156 in. O.D., 10 ft to 80 ft Long—Flatcars	2	
240	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 40 ft Long, Single Pile—Gondolas	2	<u>check</u>
244	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 40 ft Long, Single Pile—Flatcars	2	<u>check</u>
247	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 40 ft Long, Two Piles—Flatcars, 85 ft to 89 ft	2	check
260	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 60 ft Long, Single Pile—Gondolas, 65 ft	2	check
263	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 60 ft Long, Single Pile, with or without Single-End Overhang—Flatcars	2	check
267	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 60 ft Long, Single Pile—Flatcars, 85 ft to 89 ft, and Flatcars with End Bulkheads of Standard Height	2	check
267-A	Pipe, Steel, Bare, Coated, or Wrapped; 6 5/8 in. to 16 in. O.D., 45 ft to 65 ft in Length— Flatcars, 89 ft, with Cushioning Devices	2	check
280	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 80 ft Long, Single Pile, Double- End Overhang—Flatcars	2	check
285	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 80 ft Long, Single Pile—Flatcars, 89 ft	2	check
298	Pipe, Steel, Bare, Coated, or Wrapped, 16 in. to 72 in. O.D., 80 ft Long—Flatcars, 89 ft, with Cushioning Devices and Fixed Contoured Bearing Pieces	2	check
_	Blocking Patterns—Farm Equipment	3	
_	Blocking Patterns—Road Grading and Road-Making Machinery	3	
_	Method of Determining Location of Machinery on Flatcars	3	
_	Provisions for Shipping Miscellaneous Parts and Boxes without Vertical Securement on Cushioned Flatcars	3	
1	Transformers, Transformer Tanks, Circuit Breakers and Similar Units, 35,000 lb or Less—Flatcars	3	
1-A	Transformers, Weighing 21,000 lb or Less, 10 ft High or Less, Boxed, Crated, or Skidded—Flatcars	3	check
1-B	Transformers, 775,000 lb or Less—Depressed Center Flatcars	3	
1-C	Transformers, 200,000 lb or Less—Flatcars, with Nailable Steel Floors and Cushioning Devices	3	check
1-D	Transformers, 100,000 lb and Greater—Flatcars with 1/2 in. or Thicker Steel Floors	3	check
2	Tanks or Sections, Steel Boiler Shells, 8 ft Long or Over, 30,000 lb or Less, Loaded Lengthwise, One or More per Car—Flatcars or Gondolas	3	
3	Tanks or Sections, Steel Boiler Shells, Less Than 8 ft Long—Flatcars or Gondolas	3	
3-A	Tanks, Polypropylene, 3,500 lb or Less—Flatcars, 60 ft Long and Over, with Cushioning Devices	3	
4	Tanks and Steel Boiler Shells , 60 in. Diameter and Over—Gondolas	3	
5	Tanks, Steel, Small Diameter, Over 12 ft Long—Flatcars or Gondolas	3	
6	Tanks, Small Diameter, Light Weight, Under 5 ft Long—Gondolas	3	
7	Tanks, Small Diameter, Light Weight, 5 ft to 12 ft Long, Inclusive—Flatcars or Gondolas	3	
9	Tanks, Long Boiler Shells, Etc., on Pivoted Bolsters—Two or More Flatcars	3	
9-A	Tanks, Long Boiler Shells, Etc., Weighing 200,000 lb or Less—Flatcars 48 ft Long and Over	3	
10	Bins or Containers, Catalyst, Spent, Loaded or Empty— Bulkhead Flatcars with Cushioning Devices and Specially-Equipped Lading Fixtures	3	
11	Cooling Towers and Components, Packaged and Boxed—Bulkhead Flatcars	3	
12	Boxed Parts—Flatcars with Wood or Nailable Steel Floors	3	
14	Machinery, Plastic Injection Molding, 350,000 lb or Less—Flatcars, with Steel Floors	3	
15	Auto and Truck Frames—Specially Equipped Flatcars with End-of-Car Cushioning Devices	3	
20	Motor Vehicles, Hauling or Dumping, Off-Highway Type (with Pneumatic Tires) 90,000 lb or Less—Flatcars	3	
21	Tractor-Drawn Scraper (Pneumatic Tires), Two Wheel, Lengthwise—Flatcars	3	
22	Tractors, Pneumatic Tires, Two Wheel, Tractor-Drawn Scraper Combination, Lengthwise, 170,000 lb or Less—Flatcars	3	
23	Tractors, Pneumatic Tires, Two Wheel, Lengthwise, 80,000 lb or Less—Flatcars	3	
25	Road Rollers, Three Wheel, Lengthwise—Flatcars	3	

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Fig. No.	Title	Section	Circular?
26	Road Rollers, Tandem, Lengthwise—Flatcars	3	
27	Road Rollers, Tandem and Three Wheel, Lengthwise—Flatcars	3	
28	Road Rollers, with One Solid Roll and Two Pneumatic Tired Wheels, Lengthwise—Flatcars	3	
30	Graders, Pneumatic Tires, Motor, Six Wheel, Lengthwise, 40,000 lb or Less—Flatcars	3	
31	Graders, Pneumatic Tires, Motor, Six Wheel, Lengthwise, Over 40,000 lb to 70,000 lb Inclusive—Flatcars	3	
35	Threshers, Harvester (Combines), 11,000 lb or Less—Flatcars	3	
36	Threshers, Harvester (Combines), Not Exceeding 22,500 lb—Flatcars	3	
37	Threshers, Harvester (Combines), Not Exceeding 23,000 lb—Flatcars	3	
37-A	Threshers, Harvester (Combines), Not Exceeding 11,500 lb—Flatcars	3	
37-B	Threshers, Harvester (Combines), 19,000 lb or Less—Flatcars	3	
38	Threshers, Harvester (Combines), Not Exceeding 30,000 lb—Flatcars	3	
40	Threshers, Harvester (Combines), Corn Picking Attachments, 2,000 lb or Less, Skidded Upright, in Pairs (Face to Face), Crosswise—Flatcars	3	
40-A	Threshers, Harvester (Combines), Corn Picking Attachments, 8,000 lb or Less, Upright, in Pairs (Face to Outside), Crosswise—Flatcars	3	
41	Pickers, Corn, with Wheels Dismounted, 4,000 lb or Less—Flatcars	3	
42	Pickers, Cotton, Lengthwise or Diagonally—Flatcars	3	
45	Balers, Hay, Lengthwise, Skidded, 2,500 lb or Less—Flatcars	3	
46	Balers, Hay, Lengthwise or Diagonally, Side by Side, 4,000 lb to 7,000 lb Inclusive—Flatcars	3	
47	Balers, Hay, Lengthwise, Three Rows Side by Side, 4,000 lb or Less—Flatcars	3	
47-A	Balers, Hay, Lengthwise, Skidded, 4,000 lb or Less—Flatcars and Cushioning Device	3	
48	Choppers, Hay, Potato Planters, Beet Harvesters, Crosswise, 4,000 lb or Less—Flatcars	3	
49	Windrower, Self-Propelled, Lengthwise, 4,000 lb or Less—Flatcars	3	
49-A	Windrower, Self-Propelled, Crosswise, 4,000 lb or Less—Flatcars	3	
49-B	Windrower, Self-Propelled, Pneumatic Tires, 5,000 lb or Less, Lengthwise—Flatcars	3	
50	Tractors, Pneumatic Tires, 5,500 lb or Less Inclusive—Flatcars, Crosswise	3	
51	Tractors, Pneumatic Tires, Row Crop and Conventional, Lengthwise, Over 5,000 lb to and Including 15,000 lb—Flatcars	3	
51-A	Tractors, with or without Pneumatic Tires, Both Row Crop and Conventional, Lengthwise or Diagonally, Over 4,000 lb to and Including 7,000 lb—Flatcars	3	
52	Tractors, with or without Pneumatic Tires, Both Row Crop and Conventional, 10,000 lb or Less, Lengthwise or Diagonally—Flatcars	3	
53	Tractors, Pneumatic Tires, 25,000 lb and Less—Flatcars with Chain Tie-Down Assembly and Cushioning Devices	3	
54	Tamping Machine, Railway Pneumatic, with Steel Car Wheels—Flatcars with Wood or Nailable Steel Floors	3	
55	Wrecked Car Bodies—Flatcars or Gondolas	3	check
55-A	Wrecked Car Bodies—Loaded on Modified Flatcars	3	check
55-B	Locomotives, without Trucks, 180,000 lb or Less—Flatcars, with Wood or Nailable Steel Floors	3	<u> </u>
55-C	Locomotives, without Trucks, 160,000 lb or Less—Flatcars, with Wood or Nailable Steel Floors, 48 ft or Over, and Cushioning Device	3	
65	Cranes, Rotating, Maximum Weight, 125,000 lb, with Pneumatic Tires—Flatcars, with Chain Tie-Down Assembly	3	
66	Cranes, Hydraulic, Maximum Weight 210,000 lb, with Pneumatic Tires—Flatcars, with Wood or Nailable Steel Floor	3	
76	Bulldozers, with Grousers, 180,000 lb or Less—Flatcars Equipped with Cushioning Devices	3	
76-A	Bulldozers, with Grousers, D10—Flatcars Equipped with Cushioning Devices	3	
77	Bulldozers, with or without Grousers, 5,000 lb or Less—Flatcars or Gondolas	3	
78	Bulldozers, with or without Grousers, 5,000 lb to 54,000 lb, Inclusively—Flatcars or Gondolas	3	
79	Bulldozers, with Grousers, Over 54,000 lb—Flatcars	3	
80	Bulldozers, with or without Grousers, Crosswise—Flatcars	3	
100	Pipe, Plastic, Packaged, Pressure and Sewer—Bulkhead Flatcars	3	

Fig. No.	Title	Section	Circular?
115	Pipe, Cement, 26 in. or Less Diameter, in Pyramidal Form, with No. 8 Gauge High Tension Wire or 1 1/4 in. × .029 in. High Tension Bands—Gondolas	3	
115-A	Pipe, Cement, 3 in. to 14 in. I.D., with or without Couplings—Flatcars, with Wood or Nailable Steel Floors	3	
116	Pipe, Cement, 36 in. I.D. or Less, Height Not to Exceed 10 ft Above Car Floor—Flatcars, with Wood or Nailable Steel Floors	3	
117	Pipe, Pressure, Reinforced Concrete, 5 ft 10 in. to 15 ft 0 in. diameter, Nominal 16 ft or 20 ft Lengths, Two Pipes per Car—Flatcars, with Wood or Nailable Steel Floors	3	
117-A	Pipe, Pressure, Reinforced Concrete, 22 to 74 in. Diameter, Inclusive, Double Pile of Nominal 16 ft or 20 ft Lengths—Flatcars with Wood or Nailable Steel Floors	3	
118	Pipe, Concrete, on End—Flatcars or Gondolas	3	
139	Panels and Beams, Concrete, Prestressed—Bulkhead Flatcars, with 15 in. Minimum Travel Cushion Underframe	3	
139-A	Beams, Concrete Box (Bridge Slabs)—Gondolas	3	
140	Ties, Concrete, Switch- and Cross Ties—Bulkhead Flatcars, with or Without Constant Tensioning and Cushioning Devices	3	
140-A	Ties, Concrete, Switch- and Crossties—Bulkhead Flatcars, with Cushioning Devices	3	
141	Track Panels, Mixed Lengths—Specially Equipped Flatcars with Permanent A-Frame Structure	3	check
142	Building Units, Concrete, Modular, 65,000 lb or Less—Flatcars	3	
150	Stone, Large, Single Layer—Flatcars or Gondolas, with Wood or Nailable Steel Floors	3	
151	Stones, Pulp Grinder, Cores Lengthwise—Gondolas or Flatcars, with Wood or Nailable Steel Floors	3	
170	Construction Debris—Gondolas	3	
180	Electrodes, Lengthwise—Bulkhead Flatcars, Cushioned or Non-Cushioned, with Wood or Nailable Steel Floors	3	
190	Houses or Buildings, Not to Exceed 500 lb per Linear Foot, Fabricated or Portable—Flatcar, with Cushion Underframes and/or End-of-Car Cushioning Devices	3	
200	Bulldozers, with Grousers—Flatcars, with Chain Tie-Downs	3	
202	Tractor-Scraper Combination, Pneumatic Tires—Flatcars, with Chain Tie-Down Assembly and Cushioning Device	3	
203	Loaders, Wheels Removed, 120,000 lb or Less—Flatcars Specially Equipped, Including Cushioning Devices	3	
204	Loaders, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc., 130,000 lb or Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	
205	Tractors, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc.—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	check
206	Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	check
206-A	Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly	3	check
210	Graders, Pneumatic Tires, Motor, Six Wheel—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	check
230	Pickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly	3	
239	Farm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie- Down Assembly	3	
240	Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars	3	
241	Grain Drills, Wheels Dismounted, Unitized—Flatcars	3	
246	Threshers, Harvester (Combines), 30,000 lb or Less—Flatcars with Chain Tie-Down Assembly	3	check
247	Threshers, Harvester (Combines), 12,000 lb to 16,000 lb Inclusive—Flatcars with Chain Tie- Down Assembly	3	check
248	Threshers, Harvester (Combines), 60,000 lb or Less—Flatcars	3	check
250	Tractors, Agricultural, Rubber Treads, 39,000 lb or Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	

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Fig. No.	Title	Section	Circular?
251	Tractors, Pneumatic Tires, 4 Wheel, 30,000 lb or Less, Lengthwise—Flatcars, with Chain Tie-Down Assembly	3	check
260	Excavators, Crawler, with Grousers, 160,000 lb or Less with Boom Attached—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	check
261	Excavators, Crawler, 28,000 lb or Less with Boom Attached, 3/8 in. Chain Securement—Flatcars	3	
300	Trucks, Motor, SaddleBack, with or without Full Mount Unit—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	
300-A	Trucks, Motor, Saddleback—Flatcars, with Chain Tie-Down Assembly and Cushioning	3	
301	Devices Bus and Truck Chassis, Saddleback—Flatcars, with Chain Tie-Down Assembly and	3	
302	Cushioning Devices  House Trailer, FEMA, Tube Frame, with Pneumatic Tires—Flatcars, with Chain Tie-Down Assemblies	3	
400	Nacelle, Wind Turbine, Weight Up to 200,000 lb Each— Flatcar, Heavy Duty	3	check
5-A	Panel Products, Uniform Length 7 ft and Over, Uniform Width 4 ft, Maximum Height of Package 3 ft—Bulkhead Flatcars, Loaded Lengthwise	5	
5-B	Panel Products, Uniform Length and Width—Bulkhead Flatcars, Loaded Lengthwise or Crosswise, Secured with Tie-Down Bands or Polyester Web Straps	5	
11-B	Pulpwood, Peeled and Unpeeled, 50 in. and 100 in., Longitudinally—Bulkhead Flatcars, with Steel Side Stakes	5	
11-D	Logs and/or Pulpwood, Unpeeled, Hardwood or Softwood—Bulkhead Flatcars, 50 ft Long or Over, Equipped with Steel Side Stakes	5	check
12-A	Round Stock, 60 in. to 120 in. Long—Bulkhead Flatcars, with Cushioning Devices	5	
13	Ties—Gondolas	5	
14	Logs, 25 in. Diameter or Over, 12 ft Long or Over in Pyramidal Form (Method No. 1) and Logs of Any Diameter Less than 12 ft Long in Gondolas (Method No. 2)	5	
15	Logs, Unpeeled—Flatcars or Bulkhead Flatcars, Equipped with Permanent Side Stakes	5	check
17	Logs, Tree Length, Unpeeled—Bulkhead Flatcars, with Permanent Bearing Pieces and Steel Side Stakes	5	
18	Poles, Other than Treated, 20 ft Long or Over—Gondolas	5	<u>check</u>
19	Poles or Pilings, Round Stock, Untreated, Entirely Treated, Partially Treated, 12 ft Long or Over—Gondolas	5	<u>check</u>
24-A	Poles or Round Stock, Untreated or Treated—Single Loads on Flatcars	5	check
25	Poles or Pilings, Untreated or Treated, with 1 1/4 in. × .044 in. High Tension Bands, Single or Double Piles—Bulkhead Flatcars, 50 ft Long or Over, with Cushioning Devices	5	<u>check</u>
26	Poles, Round Stock—Flatcar, 89 ft, Equipped with Cushioned Underframe, Six Pair of Steel Side Stakes/Bunks, Web Strap, and Winches	5	<u>check</u>
27	Poles, Treated and Untreated, 35 ft and Longer, 62 ft and 70 ft Bulkhead Flatcars Equipped with a Minimum of Three Winches for 4 in. Polyester Web Straps and Six Pair of Steel Side Stakes	5	check
30	Panel Products, Packaged, Length 8 ft to 16 ft, Lengthwise—Bulkhead Flatcars with Floor Lading Anchors	5	
31	Panel Products, Packaged, Length 8 ft to 16 ft Lengthwise—Bulkhead Flatcars	5	
31-A	Siding, Hardboard, Exterior, Packaged—Center A-Frame Bulkhead Flatcars, with Cable Tie- Downs	5	check
32	Flakeboard, Packaged, Uniform Length 12 ft, Uniform Width 8 ft, Lengthwise—Bulkhead Flatcars	5	
33	Panel Products, Uniform Length 8 ft or Over, Uniform Width 4 ft, Lengthwise—Bulkhead Flatcars	5	
34	Panel Products, Packaged, Uniform Length 8 ft or Over, Uniform Width Packages, Lengthwise—Bulkhead Flatcars	5	
35	Panel Products, Uncoated, 6 ft Long and Over—Bulkhead Flatcars	5	check
37	Panel Products, Packaged 6 ft Long or Over, 40 in. High or Less—Center A-Frame Flatcars, with Cable Tie-Downs	5	<u>check</u>

Fig. No.	Title	Section	Circular?
38	OSB, Siding, Lap-Type, Painted and Packaged, 4 ft Wide, Lengthwise on Car—Bulkhead Flatcars	5	
40	Shingles, Palletized, Minimum 40 in. × 40 in.—Riserless Center A-Frame Flatcars	5	
40-A	Shingles, Palletized, Minimum 40 in. × 40 in., Incomplete Layer—Riserless Center A-Frame Flatcars	5	
49	Lumber, Hardwood, Packaged, Rough and/or Dressed, Treated or Untreated, 6 ft Long and Over, 2 in. × .044 in. High Tension Bands—Bulkhead Flatcars, with Cushioned Underframe	5	
54	Lumber, Packaged, 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs	5	
54-A	Pallet Stock Shorts, Units —Center A-Frame Riserless Flatcars with Permanent End Bulkheads, Cable or Web Strap Tie-Down System, and Cushioning Devices	5	
54-B	Lumber, 4 ft to 8 ft Long, Packaged—Center A-Frame Flatcars, with Cable Tie-Downs	5	check
55	Lumber, Packaged—Bulkhead Flatcars, with Constant Tensioning Devices for Use with 1 1/4 in. × .029 in. High Tension Bands	5	
58	Crossties, Timber, Packaged, Treated or Untreated—Bulkhead Flatcars, with Cushioning Devices	5	
58-A	Timber, Landscape, Packaged, 8 ft Long—Center A-Frame Flatcars, with Cable Tie-Downs	5	check
58-B	Crossties, Packaged, Treated, Untreated, or Plastic, 8 ft or 9 ft Ties on 73 ft cars, 8 ft 6 in. Ties on 61 ft cars—Flatcars, with Center A-Frame, Permanent End Bulkheads, and Cable Tie-Down System	5	check
58-C	Railroad Ties, Treated or Untreated, Packaged, 8 ft Long And Over—Flatcars with Center A-Frame, Permanent End Bulkheads, Cushioning Devices, and Cable Tie-Down System	5	check
59	Lumber, Packaged, 8 ft Long or Over, Package Height Up to 36 in.—Bulkhead Flatcars	5	
61	Lumber, Packaged, 7 ft Long or Over, Packages Maximum Height 32 in., Maximum Width 51 in.—Bulkhead Flatcars	5	check
68	Lumber, Packaged, 8 ft Long and Over—Bulkhead Flatcars, with PVC Treated Polyester Webbing Tie-Downs, Equipped with Routing Devices or Special Chain Tie-Down Channels	5	
74	Lumber, 1 in. × 2 in. and Over, Not to Exceed 4 in. × 4 in., Packaged—flatcars, 81 ft Long and Over, with Bulkheads, Partial-Height Center Partition, Cushioning Devices, and Web Tie-Down Assemblies	5	
75	Lumber, Nominally 33 in. High, Packaged—Flatcars, 73 ft, with Depressed Deck, End Bulkheads, Full-Height Center Partition, and Cushioning Devices	5	
101-A	Gypsum Wallboard, Packages 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie- Downs and Cushioned Underframe	5	check
101-B	Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or Crosswise, with Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars	5	check
102	Cellulose, Fiber Insulation Board, Less than 31 lb/ft <sup>3</sup> Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead Flatcars	5	
102-A	Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet Product—Center A-Frame Flatcars	5	check
112-A	Engineered-Wood Products, LVL, PSL, and LSL Structural Beams and I-Joists, Packaged, 8 ft Long and Over—Bulkhead Flatcars, 48 ft and Over	5	check
113	Engineered-Wood Products, LVL, PSL, and LSL Structural Beams and I-Joists, Packaged—Center A-Frame Flatcars, with Cable or Web Tie-Downs	5	check
114	Mats, Tilt-Up Hardwood, 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs	5	check
115	Mats, Bolted Hardwood, 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs	5	check
_	Material Chart (New 2/60)	6	
1-A 1-B	Howitzer, 105 mm—Flatcars Howitzer, M777A2, 155 mm—Flatcars	6 6	
I-D	Boat, Bridge Erection and Improved Ribbon Bridge Bays, on Pallet Adapters (Improved	6	
21-D	Ribbon Bridge System)—Flatcars	v	
21-E	Bridge Erection Boat (BED), M30—Flatcar, Chain Tie-Down	6	check
24	Buildings, Prefabricated, Straight and Curved Rib Crates—Gondolas	6	_
25	Buoys, Marine—Gondolas	6	
26	Buoys, Marine (Bilged Drums)—Gondolas	6	
27	Buoys, Marine—Gondolas	6	
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Fig. No.	Title	Section	Circular?
36-B	Shelters, 10,000 lb or Less—Flatcars, with Chain Tie-Down	6	check
38	Aircraft Fuselages, Wings, Wing Sections, Surfaces, Etc., Boxed—Gondolas	6	
41	Landing Mats in Bundles—Gondolas	6	
42	Landing Mats in Bundles—Gondolas	6	
43	Pontoons, Steel, Two Layers—Gondolas	6	
48-B	Scraper, Earthmover, with Pneumatic Tires, 100,000 lb or Less—Flatcars, with Wood Floors	6	
48-C	Tractors, Forklifts, Dozers, Etc., with Pneumatic Tires, Articulated and Nonarticulated, 150,000 lb or Less—Flatcars, with Chain Tie-Downs and Cushioning Devices	6	
48-D	Tractor-Scraper Combination, with Pneumatic Tires, 150,000 lb or Less—Flatcars, with Chain Tie-Downs and Cushioning Devices	6	
48-E	Tractor-Scraper Combination (Caterpillar 621G Tractor-Scraper Combination), Armored Cab with Pneumatic Tires, 80,000 lb or Less on DODX Railcar	6	
48-F	Excavators, Crawler, Armored, 67,300 lb or Less with Boom Attached—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	6	
48-G	Dozers, D7R Type I and Type II with Attachments and Cab, 50,550 lb to 58,000 lb inclusive, Flatcars, with Chain Tie-Downs and Cushioning Devices	6	
48-H	Motor Graders, Armored, with Pnematic Tires, 45,300 lb or Less—Flatcars with Chain Tiedown	6	check
48-I	Concrete Mixer, Trailer Mounted, with Pneumatic Tires, 11,580 lb or Less—Flatcars with Chain Tie-Down	6	check
52	Straddle Trucks—Flatcars or Gondolas	6	
54-A	ForkLifts, Variable Reach, 35,000 lb and Under—Flatcars, with Cushioning Devices, Center Tie-Down Channels, and Raised Side Sills	6	
54-B	Container Handler, Rough-Terrain Type (RTCH), 12 ft Wide and 120,000 lb or Less—Flatcars, 60 ft Long and Over, Chain Tie-Downs	6	
54-C	ForkLifts, Variable Reach, 40,000 lb and Under—Flatcars, with Cushioning Devices, Center Tie-Down Channels	6	
55-A	Crane, Hydraulic, Armoured, Maximum Weight 87,400 lb, with Pneumatic Tires—Flatcars, Steel Deck, Chain	6	
58	Vehicles, Light Armored and Similar, 30,000 lb and Under—Flatcars	6	
58-A	Vehicles, Heavy Armored and Similar (Stryker), 60,100 lb and Less—Flatcar with Chain Tie- Downs	6	check
58-B	Vehicles, Light Armored (LAV), 32,000 lb and under—Flatcars Equipped with 1/2 in. Chains, Four Tie-Down Channels, and Cushioned Underframe	6	
58-C	Vehicles, Amphibious Assault (AAV)—Flatcars Equipped with 1/2 in. Chains, Four Tie-Down Channels, and Cushioned Underframe	6	
61	Trailers, 3/4-Ton Cargo—Gondolas, with Wood Floors	6	
0.1	Trailers, Single Axle, Cargo, Water Tank and Similar Types, Weighing 25,000 lb or Less—	6	
63-A	Flatcars	ŭ	
63-B	Trailer, M200A1—Flatcars, with Chain Tie-Downs	6	check
64	Trailers, 1 1/2 Ton Cargo, Double Decked—Flatcars	6	
65	Semi-Trailers—Flatcars	6	
65-A	Semi-Trailers, 12,000, 15,000, and 18,000 lb—Flatcars	6	
66	Semi-Trailers, Mobile, Light-Weight, with Tractor—Flatcars	6	
67	Semi-Trailers, Mobile, Light-Weight, with or without Dolly—Flatcars	6	
68	Semi-Trailers, Flatbed with Rigid Gooseneck and Dual Wheels, Double Decked—Flatcars	6	
68-A	Bodies-Stake-Bridge Transporting Trailer—Flatcars	6	
69	Trailer Vans—Flatcars or Gondolas, with Wood Floors	6	
70	Semi-Trailers, Double Decked, with Two-Wheel Dollies—Flatcars	6	
71	Semi-Trailers, 10 Ton, with Four Center Dual Wheels, Double Decked—Flatcars	6	
73	Semi-Trailers, 20 Ton, Triple Decked—Flatcars	6	
78-B	Tanks and Similar Units, Over 30,000 lb to 100,000 lb, Inclusive, Secured with Chains	6	check
83	Tanks and Similar Units 100,000 lb to 140,000 lb—Flatcars, DODX 140-Ton, with Chain Tie-Downs	6	
87	Carrier, Personnel, M113, or Similar Type Vehicles—Flatcars, G-85 or G-89, with Cushioned Rub Rail or Similar Railroad Flatcars	6	

Fig. No.	Title	Section	Circular?
87-B	Tracked Vehicles, 30,000 lb or Less—Flatcars, with Tie-Down Rails and Cushioning Devices Military Vehicles, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains—	6 6	
88-B	Flatcars Palletized Load System (PLS), Trucks and Trailers, 95,000 lb or Less per Combined	6	
88-C	Vehicle—Flatcars, HTTX or Similar Type, Equipped with Cushioning Devices		
88-D	Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters	6	
88-E	Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC)	6	
88-F	Military Vehicles, Armoured, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains—Flatcars	6	
88-G	Caiman Multi-theater Vehicle (Mtv), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Less, Secured with Chains—Flatcars	6	
88-H	Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly And Cushion Device	6	
88-I	Tractors, Truck, Heavy, 36,500 lb or less, Secured with Chains—Flatcars	6	
88-J	Trailer, M870A2E1, 24,500 lb or Less—Flatcars, 60 ft Long	6	
88-K	Joint Light Tactical Vehicle (JLTV), 24,000 lb or Less—Flatcar with Chain Tie-Down Assembly	6	check
101	Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII	6	check
101-A	Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only)	6	
101-B	Mine Detonation Trailer (FMDT) (SMDT) (TMDT) (USMC version only)	6	
177	Heat Exchanger, DODX 300 ton—Flatcars	6	
200	Semi-Trailers, Flatbed with Rigid Gooseneck and Dual Wheels, Double Decked—Flatcars, with Hitches	6	
200-A	Trailers, Flatbed, Double Decked, Secured with Chains Only	6	
200-B	Trailers, Flatbed, Double Decked, Secured with Chains and Blocking	6	
200-C	Trailers, Flatbed with Bulkheads, Double Decked	6	
201	Semi-Trailers, 20 Ton, Triple Decked—Flatcars, with Hitches	6	
202	Semi-Trailers, Empty, Single and Dual Wheels—Flatcars, with Hitches	6	
203	Trailers, 1 1/2 Ton, Two-Wheel, Lengthwise—TOFC Flat Bed Trailers	6	
134	Placement of Trailer(s) and Container(s) on Flatcars	7	
204	Beams, Steel, "T" Roof Type—Flatbed Trailers	7	
210	Bar Steel, 1 in. Thick or Less, Bundled—Flatbed Trailers	7	
212	Bar Steel, Round, 12 ft Long or Over—Flatbed Trailers	7	
213	Bar Steel, Hot Rolled, Unoiled, Bundled, Maximum Weight 44,000 lb—Flatbed Trailers	7	
220	Steel Sheet, Crated—Flatbed Trailers	7	
221	Steel, Flat Rolled, Packaged, without Skids—Flatbed Trailers	7	
222	Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers	7	
223	Steel, Flat Rolled—Flatbed Trailers	7	
230	Coil, Steel, Individual, Eye Vertical, on Platform—Flatbed Trailers	7	
233	Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers	7	
234	Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers	7	
237	Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers	7	
238	Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers	7	
243	Slab, Steel—Flatbed Trailers	7	
250	Building Material, Metal, Packaged—Flatbed Trailers	7	
251	Building Material, Metal, Packaged—Flatbed Trailers	7	
254	Trusses, Steel—Flatbed Trailers	7	
255	Trusses, Steel, Two Tiers High—Expandable Flatbed Trailers	7	
257	Flooring, Steel, 7 ft High or Less—Flatbed Trailers	7	
258	Decking and Grating, Steel—Flatbed Trailers	7	
260	Guard Rail, Steel—Flatbed Trailers	7	
262	Containers, Metal, Reusable, 20 ft Long—Flatbed Trailers	7	
263	Parts, Metal, in Kegs on Pallets—Flatbed Trailers	7	<u>check</u>
267	Wire Cloth, Steel, Crated—Flatbed Trailers	7	<u>check</u>
269	Fencing, Wire, in Rolls—Flatbed Trailers	7	
280	Tanks, Metal, 36 in. O.D. or Less—Flatbed Trailers	7	
285	Cylinder, UF6, 3 in. O.D., with Protective Shipping Package—Flatbed Trailers	7	<u>check</u>

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Fig. No.	Title	Section	Circular?
286	Cylinder, UF6, 10 Ton and 14 Ton—Open Top Trailers, Specially Equipped	7	
302	Pipe or Tubing, Steel, 4 1/2 in. O.D. or Less—Flatbed Trailers	7	
309	Pipe or Tubing, Steel, Galvanized or Aluminum, 15 ft Long or Less, 12 in. O.D. or Less—Flatbed Trailers	7	
315	Pipe, Steel, Iron, or Galvanized Corrugated Steel, 26 in. O.D. or Less, 12 ft Long or Over—Flatbed Trailers	7	
317	Pipe, Steel, Corrugated. Galvanized, Less Than 24 in. O.D.—Flatbed Trailers	7	
319	Pipe, Steel, Corrugated, Nominal 40 ft Long or Less, 32 in. O.D. or Less—Flatbed Trailers	7	
321	Pipe, Steel, Corrugated, Nominal 40 ft Long or Less, 32 in. O.D. or Less, Nested—Flatbed Trailers	7	
325	Pipe, Steel, Bare, Coated, and/or Wrapped, 16 in. to 48 in. O.D.—Flatbed Trailers	7	
330	Pipe, Cast Iron, 4 in. to 24 in. I.D.—Flatbed Trailers	7	
332	Pipe, Cast Iron, 4 in. to 54 in. I.D.—Flatbed Trailers	7	
341	Pipe, Cement, 4 in. to 6 in. O.D., 12 ft Long—Flatbed Trailers	7	
343	Pipe, Concrete, Flatbed Trailers	7	
345	Pipe, Concrete, Pressure, 42 in. O.D., 20 ft Long—Flatbed Trailers	7	
347	Pipe, Concrete, Pressure, Reinforced, 22 in. to 104 in. O.D., Nominal 16 ft or 20 ft Lengths—Flatbed Trailers	7	
351	Pipe, Polyethylene, 2 in. to 14 in. O.D., 42 ft Long or Less, Packaged—Flatbed Trailers	7	
355	Pipe, Polyethylene, Coiled, 1/4 in. to 22 in. O.D.—Flatbed Trailers	7	
375	Engine, 42,000 lb or Less—Flatbed Trailers	7	
379	Mill Rollers, Steel—Flatbed Trailers	7	
381	Axles, for Mobile Homes, Coated—Flatbed Trailers	7	
386	Bolsters and Truck Side Frames for Railcars—Flatbed Trailers	7	
401	Tractors, Crawler Type with Grousers, 45,000 lb or Less—Flatbed Trailers, with Chain Tie- Downs	7	
405	Tractors, Four Wheel (with Tires), with or without Buckets, 45,000 lb or Less—Flatbed Trailers, with Chain Tie-Downs	7	
430	Trailers, Flatbed, Double Decked, Secured with ChainS Only	7	
432	Trailers, Flatbed, Double Decked, Secured with Chains and Blocking	7	
434	Trailers, Flatbed with Bulkheads, Double Decked	7	
437	Trailers, Flatbed, Triple Decked, Secured with High Tension Bands	7	
441	Chassis, 23 ft Long or Less, Four High	7	
443	Chassis, Gooseneck, 40 ft long or Less, Five High	7	
445	Chassis, Gooseneck, 53 ft Long or Less, Three High	7	
461	Boat on Cradle—Flatbed Trailers	7	
490	Crates or Boxes with Skids, Loaded—Flatbed Trailers	7	
501	Lumber, 2 in. × 2 in. or Smaller, 6 ft Long, Packaged—Flatbed Trailers	7	
505	Lumber, Dressed, Packaged, 6 ft Long or Over—Flatbed Trailers	7	
515	Lumber, 4 in. × 4 in. × 8 ft, Packaged—Flatbed Trailers	7	
531	Plywood or Composition Boards, Packaged—Flatbed Trailers	7	
575	Roofing Paper on Pallets—Flatbed Trailers	7	
585	Slab, Concrete, Steel Reinforced—Flatbed Trailers	7	
586	Slab, Concrete, Metal Reinforced—Flatbed Trailers	7	
595	Glass, Crated—Flatbed Trailers	7	
615	Container, Coil Cradle, Loaded on Flatcar	7	
616	Coils, Rod or Wire, 50 in. O.D. or less, Eye Longitudinal—Flatrack Containers, Specially Equipped with Permanent Troughs, End Bulkheads, and Adjustable End Posts	7	
617	Coil, Flat Steel, Eye Crosswise—Flatrack Containers with Chain Tie-Down System	7	
700	Pipe, Steel, Uncoated, 5 in. to 8 in. O.D., 36 ft to 46 ft Long, Single Pile, Nested—Flat Rack Containers with Polyester Webbing Tie-Down System	7	
705	Pipe or Tubing, Steel, 1 in. to 4 in. O.D., 20 ft to 45 ft Long, Packaged, Single or Double Piles—Flat Rack Containers with Bulkheads and Polyester Webbing Tie-Down System	7	
710	Pipe, Steel, Uncoated, 2 3/8 in. to 7 5/8 in. O.D., 25 ft to 48 ft Long, Packaged—Flat Rack Containers	7	

Fig. No.	Title	Section	Circular?
715	Pipe, Steel, Uncoated, 5 in. to 20 in. O.D. 25 ft to 48 ft Long—Flat Rack Containers	7	
725	Pipe, Cast Iron, 4 in. to 24 in. I.D.—Flat Rack Containers with Bulkheads and Polyester Webbing Tie-Down System	7	
795	Tires, Maximum 11 ft Diameter—Two per Each 20 ft Flat Rack Container with Retractable or Permanent End Bulkheads	7	
796	Tires, Maximum 11 ft Diameter—Four per Each 20 ft Flat Rack Container with Retractable or Permanent End Bulkheads	7	
842	Chassis, Gooseneck, 23 ft Long, Three High, on Stak-Rak Carriers	7	
848	Chassis, Gooseneck, 40 ft Long, Four High, on Stak-Rak Carriers	7	
849	Chassis, Gooseneck, 48 ft to 53 ft Long, Two- or Three-High on Container—Shipping Unit	7	
850	Chassis, Gooseneck 20 ft to 40 ft Long, Four-High on Container—Shipping Unit	7	
851	Container, Folding, 40 ft Long, Four High—Flatcars	7	
902	Lumber, 6 ft Long or Over, Packaged—Flat Rack Containers, with Bulkheads	7	
910	Lumber, 5 ft Long or Over, Packaged—Flat Rack Containers, with Bulkheads and Polyester Webbing Tie-Down System	7	
912	Lumber, 8 ft Long or Over, with or without Unequal Lengths, Packaged—Flat Rack Containers, with End Bulkheads and Polyester Webbing Tie-Down System	7	
935	Plywood, Uniform Length and Width, Packaged, Loaded Lengthwise—Flat Rack Containers, with Bulkheads and Polyester Tie-Down System	7	
937	Composition Board, 5 ft × 10 ft, Coated or Uncoated, Packaged—Flat Rack Containers, with Bulkheads and Polyester Webbing Tie-Down System	7	
975	Shingles, Asphalt or Fiberglass, Bundled, Palletized and Wrapped—Flat Rack Containers, with Bulkheads and Polyester Webbing Tie-Down System	7	

## **FIGURES**

Fig. No.	Title	Section	Circular?
7	Doors, Box Car, Vertical—Gondolas	2	
8	Beams and Structural Shapes, Webs Horizontal and Vertical, Steel, Packaged, 20 ft Long and Over—Bulkhead Flatcars, with Cushioning Devices	2	
8-A	Beams and Structural Shapes, Steel—Flatcars	2	
8-B	Beams and Structural Shapes, Steel, Floating Load—Bulkhead Flatcars	2	
9-B	Rails, 39 ft Long and Over—Flatcars	2	
9-D	Rails, 80 ft Long or Less, Flatcars, 85 ft and Over	2	
9-E	Rails, 78 ft to 80 ft Long—Bulkhead Flatcars, 85 ft and Over, with Fixed Steel Side Stakes	2	
9-F	Rails, 80 ft Long or Less—Flatcars, 89 ft, with Polyester Webbing Tie-Downs	2	
10	Plate, Diagonal, Single or Lapped Piles—Gondolas	2	
11	Plate, Rounds, Diagonal—Gondolas	2	
12	Plate, Round, Dished or Flanged, Diagonal—Gondolas	2	
14	Plate or Slab, 10 Ft Long oR Over, Horizontal—Flatcars or Bulkhead Flatcars, 66 ft or Less	2	check
14-A	Plate, Horizontal, Single Load, with or without Overhang—Flatcars	2	
14-B	Plate or Slab, Horizontal, Steel, 20 ft Long or Over—Flatcars or Bulkhead Flatcars	2	<u>check</u>
18	Plate, Unoiled—Gondolas	2	
19-C	Plate or Slabs, Steel—Gondolas	2	
21	Plate, Unoiled, Crosswise (Staggered)—Gondolas	2	
22-A	Plate, Unoiled, 1/8 in. Thick and Over, 30 in. Wide and Over, Stagger Loaded—Gondolas	2	
22-B	Slabs, 8 in. Thick and Over—Gondolas	2	
22-C	Plate or Slab, Horizontal—Gondolas	2	<u>check</u>
22-D	Bars, Steel, Loose or Packaged, Single or Multiple Piles—Gondolas	2	<u>check</u>
25	Plate, Less than 1/4 in. Thick, Bundled, Lengthwise—Gondolas, with Steel Floors	2	
27-A	Plate, Less than 1/4 in. Thick, Packaged, on Skids, Lengthwise—Gondolas	2	
28	Plate, Less than 1/4 in. Thick, Bundled, Lengthwise—Gondolas, with Steel Floors	2	
29	Coils of Flat Steel, Over 30 in. Wide, Over 7500 lb, on Skids—Gondolas	2	
29-B	Coils of Flat Steel, 86 in. O.D. or Less, Removable Steel Cradles—Gondolas or Bulkhead Flatcars	2	

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Fig. No.	Title	Section	Circular?
29-C	Coils of Flat Steel, Hot Rolled, Semi-Finished, Unprocessed, 86 in. O.D. or Less, Width Not Less than 75% of O.D.—Gondolas, with Longitudinal Troughs	2	Officular
29-D	Coils of Flat Steel, Hot Rolled, Semi-Finished, Unprocessed, 86 in. O.D. or Less, Coil Sheet Width Not Less than 50% of O.D.—Flatcars and Gondolas, with Lateral Troughs (Sawtooth) and Cushioning Devices	2	
29-G	Coils of Flat Steel, Cold-Rolled, Finished, Packaged, Including Slit Coils, 86 in. O.D. or Less—Flatcars and Gondolas, with Lateral Troughs (Sawtooth) and Cushioning Devices	2	check
29-H	Coils of Flat Steel, Cold-Rolled, Finished, Packaged, 86 in. O.D. or Less, Coil Sheet Width Not Less than 50% of O.D.—Covered Gondolas, with Lateral Troughs (Sawtooth) and Cushioning Devices	2	
29-I	Coils of Flat Steel, 86 in. O.D. or Less, Coil Sheet Width Less than 65% of O.D.—Gondolas, with Longitudinal Troughs and Cushioning Devices or Long-Travel Draft Gears	2	check
29-J	Coils of Flat Steel, Hot or Cold Rolled, 86 in. O.D. or Less—Coil Cars, with Longitudinal Troughs, Cushioning Devices, or Long-Travel Draft Gears, and Crossbars	2	check
29-K	Coils of Flat Steel, Rolled, 86 in. O.D. or Less, Coil Sheet Width Less than 75% of O.D.—Coil Cars, with Longitudinal Troughs, Cushioning Devices, or Long-Travel Draft Gears, and No Crossbars	2	<u>check</u>
29-L	Coils of Flat Steel, 86 in. O.D. or Less, Coil Sheet Width Not Less than 50% of O.D.—Flatcars and Gondolas, with Lateral Troughs (Sawtooth) Lined with Anti-Skid Matting and Cushioning Devices	2	
29-M	Coils of Flat Steel, Hot Rolled, Semi-Finished, Unprocessed, 86 in. O.D. or Less, Coil Sheet Width Not Less than 50% of O.D.—Flatcars and Gondolas, with 45° Lateral Troughs (Sawtooth) Lined with Anti-skid Matting and Cushioning Devices	2	
33-B	Coils of Flat Steel, Hot Rolled, Eye Vertical—Gondolas, with Steel Floor	2	
34-A	Coils of Rod or Bar—Gondolas	2	check
34-E	Coils of Wire, High Tensile Steel 47 in. to 50 in. Diameter, 7500 lb or Less—Bulkhead Flatcars, with Cradles and Cushioning Devices	2	
34-G	Coils of Rod or Bar, 7/32 in. Diameter or Larger, Coils 42 in. to 52 in. O.D. by 45 in. to 52 in. Wide—Flatcars, with Low Bulkheads and Longitudinal Troughs	2	
34-H	Coils of Wire, 48 in. OD × 54 in. Long, Wire Diameter 5.5 mm to 9.0 mm— Flatcars, with Permanent End Bulkheads	2	
40-A	Rebar—Bulkhead Flatcars	2	check
42	Beams and Structural Shapes, Rebar and Similar Steel Products, 20 ft Lengths and Over, Packaged—Bulkhead Flatcars, with Steel Side Stakes	2	
43	Billets, Ingots, Slabs, Etc.—Gondolas	2	
43-B	Ingots, Aluminum, 35,000 lb or Less—Gondolas	2	
43-C	Ingots, Aluminum—Gondolas	2	
43-D	Ingots, Aluminum, Less than 43 in. Wide, Lengthwise—Bulkhead Flatcars	2	
43-E	Ingots, Aluminum, 43 in. Wide and Over, Lengthwise—Bulkhead Flatcars	2	
43-F	Ingots, Titanium, 29 in. to 32 in. Diameter, 7,500 lb to 14,500 lb, 9 ft Nominal Length, Crosswise—Gondolas	2	
43-H	Ingots, Aluminum, 52 in. Wide and Over, Lengthwise—Bulkhead Flatcars	2	<u>check</u>
43-I	Ingots, Aluminum, 53 in. Wide and Over—Bulkhead Flatcars	2	<u>check</u>
43-K	Ingots, Aluminum—Bulkhead Flatcars, with Rubber End Buffers	2	<u>check</u>
43-P	Logs, Aluminum, 6 in. to 12 in. O.D., 10 ft to 20 ft Long—Bulkhead Flatcars, with Chain Tie- Downs and Cushioning Devices	2	
43-Q	Ingots, Aluminum, Less than 12 ft Long—Loaded Side-by-Side on Bulkhead Flatcars, with cushion Devices and Web Tie-Down System	2	<u>check</u>
43-R	Logs or Ingots, Aluminum, 16 ft Long and Over—Center A-Frame Flatcars, with Cable Tie- Downs	2	
43-S	Logs, Extrusion, Aluminum, 3 in. to 20 in. O.D., 8 ft Long and Over—Bulkhead Flatcars, with Cushioning Devices and Web Tie-Down System	2	check
43-T	Ingots, Aluminum, 12 ft Long or Over—Bulkhead FlatCars, with Cushioning Devices and Web Tie-Down System	2	
45 46	Mill Rolls with Short Bodies, 24 in. O.D. and Over—Gondolas Mill Rolls, Lengthwise—Flatcars or Gondolas	2 2	

Fig. No.	Title	Section	Circular?
47 47-A	Ingots, Round, Hexagon, Octagon, and Corrugated, Lengthwise—Gondolas  Molds for Ingots, Lengthwise, Crosswise, or Diagonal with Lugs Horizontal or Vertical—	2 2	
40	Gondolas	0	
48	Slabs, Lengthwise—Gondolas	2	
50	Girders, Horizontal—Flatcars	2	
53	Girders, Trusses, Roof, Open Type, Whole or Half, etc., Single Load, with or without Overhangs—Flatcars or Gondolas	2	
54	Girders, Lattice and Plate Type, Columns, Etc., Single Load, Double-End Overhang—Flatcars or Gondolas	2	
55	Girders, Lattice and Plate Type, Columns, Etc., Single Load, Single- or Double-End Overhang—Flatcars or Gondolas	2	
55-A	Girders, Vertical, Single Load, Single-End and Double-End Overhang—Flatcars, with Steel Floor and Cushioning Devices	2	
56	Trusses, Roof, Metal, Vertical, Double Load with Pivoted Bolsters—Flatcars or Gondolas	2	
57	Girders, Vertical, Double Load with Pivoted Bolsters—Flatcars or Gondolas	2	
58	Girders, Vertical, Multi-Car Load with Pivoted Bolsters—Flatcars or Gondolas	2	
59	Girders, Horizontal, Multi-Car Loads with Pivoted Bolsters—Flatcars or Gondolas	2	
60	Girders and Turntables, Multi-Car Load with Pivoted Bolsters—Flatcars	2	
62	Cable, Wire Rope, and Similar Commodities on Reels—Gondolas	2	
63	Cable, Wire Rope, and Similar Commodities on Reels—Flatcars	2	
64	Cable on Reels, Single or Double Row, Crosswise—Flatcars	2	
64-A	Cable on Reels, 7 ft to 8 ft Diameter, Crosswise, Single or Double Row—Flatcars, with Cushioning Devices and Chain Tie-Downs	2	
64-B	Cable on Reels, 90 in. to 108 in. Diameter, Single or Double Row, Crosswise—Flatcars, with Chain Tie-Downs	2	
64-C	Cable on Reels, 84 in. to 108 in. Diameter, Single or Double Row, Crosswise—Flatcars, with Chain Tie-Downs	2	
64-D	Reels, Empty, 60 in. to 108 in. Diameter, Single- or Double-Stacked—Gondolas	2	
64-E	Reels, Empty, 60 in. to 108 in. Diameter, Double or Triple Rows, Double-Stacked—Flatcars	2	
65	Reel of Cable or Empty, Extra Wide, Lengthwise—Flatcars	2	
66	Cable, Wire Rope, and Similar Commodities on Reels, Lengthwise—Flatcars	2	
67	Cable, Wire Rope, and Similar Commodities on Reels, Lengthwise—Gondolas	2	
68	Cable, Wire Rope, and Similar Commodities on Reels, Lengthwise—Flatcars	2	
69	Cable, Wire Rope, and Similar Commodities on Reels, Crosswise—Gondolas	2	
69-A	Cable, Wire Rope, and Similar Commodities on Reels, 96 in. and 108 in. Diameter,	2	
83	Lengthwise—Gondolas Wheels, Mounted Railroad—Gondolas	2	
84	Wheels, Mounted Railroad, Less than 42 in. Diameter—Flatcars or Gondolas	2	
87	Scrap, Metal, Loose and Baled—Gondolas	2	
88	Iron Ore, Limestone, Coal, Coke, Bulk Minerals, and Similar Material—Hopper and Gondolas	2	obook
89	Ferromanganese or Other Ferro Products of Similar Density—Hopper Cars with Dump Doors	2	<u>check</u>
105	Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces—	2	<u>check</u>
105-A	Flatcars, 60 ft Long and Over with Fixed Bearing Pieces  Beams and Structural Shapes, Steel, Load Not to Exceed 60 in. Above Bearing Pieces— Flatcars, with Cushioning Devices	2	
106	Beams and Structural Shapes, Load Not to Exceed 60 in. Above Bearing Pieces, Single- or Double-End Overhang—Flatcars, 60 ft Long and Over, with Fixed Bearing Pieces	2	
106-A	Beams, H and I, Webs Horizontal or Vertical, Single Load, Single- or Double-End Overhang, Load Not to Exceed 44 in. Above Bearing Pieces—Flatcars, 60 ft Long and Over	2	
106-B	Beams, H and I, Webs Horizontal or Vertical, Single Load, Single- or Double-End Overhang, Load Not to Exceed 60 in. Above Bearing Pieces—Flatcars, 60 ft Long and Over	2	
107-A	Beam Blanks, Semi-Finished—Gondolas	2	
109	Beams, Steel, H and I, Maximum Size 42 in., 18 ft Long and Over, Webs Horizontal or Vertical—Bulkhead Flatcars, with Cushioning Devices	2	check
109-A	Beams, Steel, H and I, 20 ft to 65 ft Long, Packaged—Gondolas	2	

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Fig. No.	Title	Section	Circular?
115	I-Beams, Metal, 30 ft to 80 ft Long, Webs Vertical—81 ft Flatcars, Equipped with Permanent End Bulkheads, Partial-Height Center Partition, Cushioning Devices, and Web Tie-Down Assemblies	2	
115-A	Beams, Structural, Metal, 48 in. High or Less, Restricted Mixed Lengths at Least 30 ft Long, Webs Horizontal—Partial-Height Center-Partition Flatcars, 81 ft Long, Equipped with Permanent End Bulkheads, Cushioning Devices, and Web Tie-Down Assemblies	2	
115-B	Beams, Metal, Various Lengths, Webs Vertical, Except Top Layer Loaded with Webs Horizontal—81 ft Flatcars, Equipped with Permanent End Bulkheads, Partial-Height Center Partition, Cushioning Devices, and Web Tie-Down Assemblies	2	
115-C	I-Beams, Structural, Metal, 41 ft to 60 ft Long, Webs Vertical—Partial-Height Center-Partition Flatcars, 81 ft Long or Less, Equipped with Permanent End Bulkheads, Cushioning Devices, and Web Tie-Down Assemblies	2	
119	Pipe, Conduit, or Tubing, Steel, 1/2 in. to 3 1/2 in. O.D., 10 ft to 45 ft Long, Bundled—Center Beam Flatcars	2	check
120	Pipe, Conduit, or Tubing, Steel, 1/2 in. to 9 in. O.D., 10 ft to 45 ft Long, Bundled—Bulkhead Flatcars, with Cushioning Devices	2	check
121	Pipe, Steel, Bundled Threaded or Not, Uncoated and Varnish Coated, 1/2 in. to 10 in., Nominal Diameter, Inclusive, Minimum Length 38-ft Flatcars 48 ft or Over, Equipped with Permanent End Bulkheads and Permanent Steel Side Stakes	2	check
124-A	Pipe, Steel, Coated or Uncoated, 24 in. OD or Less, 40 ft to 61 ft Long—Gondolas	2	
124-B	Pipe, Steel, 26 in. OD or Less, Maximum 48 ft Mixed Diameters, Secured with Non-Metallic Strapping—52-ft Gondolas	2	
124-C	Pipe, Steel, 26 in. Maximum Diameter, Uniform or Mixed Lengths and Diameters, Secured with Non-Metallic Strapping—Gondola Cars	2	
125	Pipe, Steel, 26 in. O.D. or Less, , Uniform or Mixed Lengths and Diameters—Gondolas with Fixed Steel Stakes and High End Bulkheads	2	
126	Pipe, Steel and Wrought Iron, 26 in. O.D. or Less—Gondolas	2	
127	Pipe, Steel, Uncoated or Coated, 18 in. to 26 in.O.D., 25 ft to 64 ft Long—Gondolas with Sides a Minimum of 5 ft High	2	
128-B	Pipe, Steel, Bare, Coated, 4 in. to 20 in. O.D., 25 ft Long and Over—Bulkhead Flatcars, with Cushioning Devices	2	check
129	Pipe, Steel, Uncoated and Varnish Coated, 4 in. to 10 3/4 in. O.D.—Bulkhead Flatcars	2	check
129-A	Pipe, Steel, Uncoated, 3 in. to 10 3/4 in. O.D.—Bulkhead Flatcars	2	
130	Pipe, Steel and Wrought Iron, Over 26 in. O.D., 8 ft to 12 ft Long—Gondolas	2	
131	Pipe, Steel and Wrought Iron, 24 in. O.D. and Over, 63 ft Long or Less—Gondolas	2	
131-A	Pipe, Steel, 30 in. O.D., 40 ft Long or Less, 12 Pieces per Car—Gondolas with High Sides	2	
134	Pipe, Steel, Uncoated, 12 in. to 16 in. O.D., 80 ft Long—Flatcars. 89 ft Long, with Cushioning Devices	2	
134-C	Pipe, Steel and Wrought Iron, 20 in. to 40 in. O.D.—Flatcars, with PermaStakes	2	
136	Pipe, Casing, and Tubing, Steel, Uncoated or Varnish Coated, 4 1/2 in. to 8 5/8 in. O.D., 38 ft Long and Over—Bulkhead Flatcars	2	
137-A	Pipe, Steel and Wrought Iron , Wrapped or Coated—Gondolas	2	
139	Pipe, Cast Iron or Ductile, 12 in. I.D. and Less, 12 ft Long or Over—Gondolas	2	
141	Pipe, Cast Iron or Ductile, 14 in. I.D. and Less—Flatcars	2	
142	Pipe, Cast Iron or Ductile, 16 in. I.D. and Over—Flatcars	2	
142-A	Pipe, Cast Iron or Ductile, with Bell or Mechanical Joint, 24 in. I.D. or Less—Flatcars	2	
142-B	Pipe, Cast Iron or Ductile, with Bell or Mechanical Joint, 12 in. I.D. and Less—Flatcars	2	
143	Pipe, Cast Iron or Ductile, Less than 24 in. I.D., 12 ft Long or Over (Not Exceeding Two Layers Above Top of Car Sides)—Gondolas	2	
144	Pipe, Steel and Cast Iron or Ductile, 1 1/2 in. to 12 in. O.D., 10 ft Long or Over—Riserless Flatcars, with Center A-Frame, Permanent End Bulkheads, and Cable Tie-Down Assemblies	2	
147-A	Pipe, Cast Iron or Ductile, 3 in. to 54 in. I.D.—Bulkhead Flatcars, with Chain Tie-Downs or Band Anchors	2	
147-C	Pipe, Cast Iron or Ductile, 30 in. to 36 in. I.D., 18 ft to 21 ft Long—Bulkhead Flatcars, with Cushioning Devices	2	

Fig. No.	Title	Section	Circular?
147-D	Pipe, Ductile, 3 in. to 64 in. I.D.— Flatcars, Fixed Wood Bearing Pieces and Lading Anchors (Tested by STCC 3321120)	2	check
148	Pipe, Corrugated Steel, Galvanized, 30 in. O.D. or Less—Gondolas	2	
149	Pipe, Corrugated Steel, Galvanized, Less than 36 in. O.D.—Gondolas	2	
150	Pipe, Corrugated Steel, Galvanized, Less than 36 in. O.D.—Gondolas	2	
151	Pipe, Corrugated Steel, Galvanized, Less than 36 in. O.D.—Flatcars	2	
151-A	Pipe, Corrugated Steel, Galvanized, 12 in. O.D. or Less, 10 ft Long or Over—Flatcars	2	
151-B	Pipe, Corrugated Steel, Galvanized, 12 in. to 60 in. O.D., 10 ft Long or Over—Flatcars	2	
151-C	Pipe, Corrugated Steel, Galvanized, 12 in. to 60 in. O.D., 10 ft Long or Over—Flatcars	2	
152	Pipe, Corrugated Steel, Galvanized, 36 in. O.D. or Over, with HT Wire—Flatcars or Gondolas	2	
153	Pipe, Conduit, or Tubing, Aluminum, 16 in. O.D. or Less—Flatcars	2	
154	Tubing, Steel, Squares and Rectangles, Hollow Structural, 12 in. × 12 in. or Less—Gondolas	2	
154-A	Tubing, Squares and Rectangles, Hollow Structural, 12 in. × 12 in. or Less—Bulkhead Flatcars	2	
154-B	Tubing, Steel, Squares, Rectangles, Hollow Structural, and Rounds, Over 12 ft Long, Packaged—Bulkhead Flatcars, with Cushioning Devices	2	check
155	Pipe, Corrugated, Aluminum—Flatcars	2	
156	Pipe, Corrugated, Aluminum, 36 in. O.D. or Over, 10 ft Long and Over—Flatcars	2	
160	Pipe, Steel, Bare, 12 3/4 in., 16 in., or 24 in. OD, 50 ft or Longer—Center A-Frame Riserless Flatcars, with Cushioning Devices	2	
230	Pipe, Steel, Bare or Coated, 67 in. to 156 in. O.D., 10 ft to 80 ft Long—Flatcars	2	
240	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 40 ft Long, Single Pile—Gondolas	2	check
244	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 40 ft Long, Single Pile—Flatcars	2	check
247	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 40 ft Long, Two Piles—Flatcars, 85 ft to 89 ft	2	check
260	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 54 in. O.D., 60 ft Long, Single Pile—Gondolas, 65 ft	2	check
263	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 60 ft Long, Single Pile, with or without Single-End Overhang—Flatcars	2	check
267	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 60 ft Long, Single Pile—Flatcars, 85 ft to 89 ft, and Flatcars with End Bulkheads of Standard Height	2	check
267-A	Pipe, Steel, Bare, Coated, or Wrapped; 6 5/8 in. to 16 in. O.D., 45 ft to 65 ft in Length—Flatcars, 89 ft, with Cushioning Devices	2	check
280	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 80 ft Long, Single Pile, Double- End Overhang—Flatcars	2	check
285	Pipe, Steel, Bare, Coated, or Wrapped, 14 in. to 72 in. O.D., 80 ft Long, Single Pile—Flatcars, 89 ft	2	check
298	Pipe, Steel, Bare, Coated, or Wrapped, 16 in. to 72 in. O.D., 80 ft Long—Flatcars, 89 ft, with Cushioning Devices and Fixed Contoured Bearing Pieces	2	check
_	Blocking Patterns—Farm Equipment	3	
_	Blocking Patterns—Road Grading and Road-Making Machinery	3	
_	Method of Determining Location of Machinery on Flatcars	3	
_	Provisions for Shipping Miscellaneous Parts and Boxes without Vertical Securement on Cushioned Flatcars	3	
1	Transformers, Transformer Tanks, Circuit Breakers and Similar Units, 35,000 lb or Less—Flatcars	3	
1-A	Transformers, Weighing 21,000 lb or Less, 10 ft High or Less, Boxed, Crated, or Skidded—Flatcars	3	check
1-B	Transformers, 775,000 lb or Less—Depressed Center Flatcars	3	
1-C	Transformers, 200,000 lb or Less—Flatcars, with Nailable Steel Floors and Cushioning Devices	3	check
1-D	Transformers, 100,000 lb and Greater—Flatcars with 1/2 in. or Thicker Steel Floors	3	check
2	Tanks or Sections, Steel Boiler Shells, 8 ft Long or Over, 30,000 lb or Less, Loaded Lengthwise, One or More per Car—Flatcars or Gondolas	3	
3	Tanks or Sections, Steel Boiler Shells, Less Than 8 ft Long—Flatcars or Gondolas	3	

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Fig. No.	Title	Section	Circular?
3-A	Tanks, Polypropylene, 3,500 lb or Less—Flatcars, 60 ft Long and Over, with Cushioning Devices	3	
4	Tanks and Steel Boiler Shells, 60 in. Diameter and Over—Gondolas	3	
5	Tanks, Steel, Small Diameter, Over 12 ft Long—Flatcars or Gondolas	3	
6	Tanks, Small Diameter, Light Weight, Under 5 ft Long—Gondolas	3	
7	Tanks, Small Diameter, Light Weight, 5 ft to 12 ft Long, Inclusive—Flatcars or Gondolas	3	
9	Tanks, Long Boiler Shells, Etc., on Pivoted Bolsters—Two or More Flatcars	3	
9-A	Tanks, Long Boiler Shells, Etc., Weighing 200,000 lb or Less—Flatcars 48 ft Long and Over	3	
10	Bins or Containers, Catalyst, Spent, Loaded or Empty— Bulkhead Flatcars with Cushioning Devices and Specially-Equipped Lading Fixtures	3	
11	Cooling Towers and Components, Packaged and Boxed—Bulkhead Flatcars	3	
12	Boxed Parts—Flatcars with Wood or Nailable Steel Floors	3	
14	Machinery, Plastic Injection Molding, 350,000 lb or Less—Flatcars, with Steel Floors	3	
15	Auto and Truck Frames—Specially Equipped Flatcars with End-of-Car Cushioning Devices	3	
20	Motor Vehicles, Hauling or Dumping, Off-Highway Type (with Pneumatic Tires) 90,000 lb or Less—Flatcars	3	
21	Tractor-Drawn Scraper (Pneumatic Tires), Two Wheel, Lengthwise—Flatcars	3	
22	Tractors, Pneumatic Tires, Two Wheel, Tractor-Drawn Scraper Combination, Lengthwise, 170,000 lb or Less—Flatcars	3	
23	Tractors, Pneumatic Tires, Two Wheel, Lengthwise, 80,000 lb or Less—Flatcars	3	
25	Road Rollers, Three Wheel, Lengthwise—Flatcars	3	
26	Road Rollers, Tandem, Lengthwise—Flatcars	3	
27	Road Rollers, Tandem and Three Wheel, Lengthwise—Flatcars	3	
28	Road Rollers, with One Solid Roll and Two Pneumatic Tired Wheels, Lengthwise—Flatcars	3	
30	Graders, Pneumatic Tires, Motor, Six Wheel, Lengthwise, 40,000 lb or Less—Flatcars	3	
31	Graders, Pneumatic Tires, Motor, Six Wheel, Lengthwise, Over 40,000 lb to 70,000 lb Inclusive—Flatcars	3	
35	Threshers, Harvester (Combines), 11,000 lb or Less—Flatcars	3	
36	Threshers, Harvester (Combines), Not Exceeding 22,500 lb—Flatcars	3	
37	Threshers, Harvester (Combines), Not Exceeding 23,000 lb—Flatcars	3	
37-A	Threshers, Harvester (Combines), Not Exceeding 11,500 lb—Flatcars	3	
37-B	Threshers, Harvester (Combines), 19,000 lb or Less—Flatcars	3	
38	Threshers, Harvester (Combines), Not Exceeding 30,000 lb—Flatcars	3	
40	Threshers, Harvester (Combines), Corn Picking Attachments, 2,000 lb or Less, Skidded Upright, in Pairs (Face to Face), Crosswise—Flatcars	3	
40-A	Threshers, Harvester (Combines), Corn Picking Attachments, 8,000 lb or Less, Upright, in Pairs (Face to Outside), Crosswise—Flatcars	3	
41	Pickers, Corn, with Wheels Dismounted, 4,000 lb or Less—Flatcars	3	
42	Pickers, Cotton, Lengthwise or Diagonally—Flatcars	3	
45	Balers, Hay, Lengthwise, Skidded, 2,500 lb or Less—Flatcars	3	
46	Balers, Hay, Lengthwise or Diagonally, Side by Side, 4,000 lb to 7,000 lb Inclusive—Flatcars	3	
47	Balers, Hay, Lengthwise, Three Rows Side by Side, 4,000 lb or Less—Flatcars	3	
47-A	Balers, Hay, Lengthwise, Skidded, 4,000 lb or Less—Flatcars and Cushioning Device	3	
48	Choppers, Hay, Potato Planters, Beet Harvesters, Crosswise, 4,000 lb or Less—Flatcars	3	
49	Windrower, Self-Propelled, Lengthwise, 4,000 lb or Less—Flatcars	3	
49-A	Windrower, Self-Propelled, Crosswise, 4,000 lb or Less—Flatcars	3	
49-B	Windrower, Self-Propelled, Pneumatic Tires, 5,000 lb or Less, Lengthwise—Flatcars	3	
50	Tractors, Pneumatic Tires, 5,500 lb or Less Inclusive—Flatcars, Crosswise	3	
51	Tractors, Pneumatic Tires, Row Crop and Conventional, Lengthwise, Over 5,000 lb to and Including 15,000 lb—Flatcars	3	
51-A	Tractors, with or without Pneumatic Tires, Both Row Crop and Conventional, Lengthwise or Diagonally, Over 4,000 lb to and Including 7,000 lb—Flatcars	3	
52	Tractors, with or without Pneumatic Tires, Both Row Crop and Conventional, 10,000 lb or Less, Lengthwise or Diagonally—Flatcars	3	

<b>Fig. No.</b> 53	Title Tractors, Pneumatic Tires, 25,000 lb and Less—Flatcars with Chain Tie-Down Assembly and	Section 3	Circular?
54	Cushioning Devices Tamping Machine, Railway Pneumatic, with Steel Car Wheels—Flatcars with Wood or Nailable Steel Floors	3	
55	Wrecked Car Bodies—Flatcars or Gondolas	3	check
55-A	Wrecked Car Bodies—Loaded on Modified Flatcars	3	check
55-B	Locomotives, without Trucks, 180,000 lb or Less—Flatcars, with Wood or Nailable Steel Floors	3	<u> </u>
55-C	Locomotives, without Trucks, 160,000 lb or Less—Flatcars, with Wood or Nailable Steel Floors, 48 ft or Over, and Cushioning Device	3	
65	Cranes, Rotating, Maximum Weight, 125,000 lb, with Pneumatic Tires—Flatcars, with Chain Tie-Down Assembly	3	
66	Cranes, Hydraulic, Maximum Weight 210,000 lb, with Pneumatic Tires—Flatcars, with Wood or Nailable Steel Floor	3	
76	Bulldozers, with Grousers, 180,000 lb or Less—Flatcars Equipped with Cushioning Devices	3	
76-A	Bulldozers, with Grousers, D10—Flatcars Equipped with Cushioning Devices	3	
77	Bulldozers, with or without Grousers, 5,000 lb or Less—Flatcars or Gondolas	3	
78	Bulldozers, with or without Grousers, 5,000 lb to 54,000 lb, Inclusively—Flatcars or Gondolas	3	
79	Bulldozers, with Grousers, Over 54,000 lb—Flatcars	3	
80	Bulldozers, with or without Grousers, Crosswise—Flatcars	3	
100	Pipe, Plastic, Packaged, Pressure and Sewer—Bulkhead Flatcars	3	
115	Pipe, Cement, 26 in. or Less Diameter, in Pyramidal Form, with No. 8 Gauge High Tension Wire or 1 1/4 in. × .029 in. High Tension Bands—Gondolas	3	
115-A	Pipe, Cement, 3 in. to 14 in. I.D., with or without Couplings—Flatcars, with Wood or Nailable Steel Floors	3	
116	Pipe, Cement, 36 in. I.D. or Less, Height Not to Exceed 10 ft Above Car Floor—Flatcars, with Wood or Nailable Steel Floors	3	
117	Pipe, Pressure, Reinforced Concrete, 5 ft 10 in. to 15 ft 0 in. diameter, Nominal 16 ft or 20 ft Lengths, Two Pipes per Car—Flatcars, with Wood or Nailable Steel Floors	3	
117-A	Pipe, Pressure, Reinforced Concrete, 22 to 74 in. Diameter, Inclusive, Double Pile of Nominal 16 ft or 20 ft Lengths—Flatcars with Wood or Nailable Steel Floors	3	
118	Pipe, Concrete, on End—Flatcars or Gondolas	3	
139	Panels and Beams, Concrete, Prestressed—Bulkhead Flatcars, with 15 in. Minimum Travel Cushion Underframe	3	
139-A	Beams, Concrete Box (Bridge Slabs)—Gondolas	3	
140	Ties, Concrete, Switch- and Cross Ties—Bulkhead Flatcars, with or Without Constant Tensioning and Cushioning Devices	3	
140-A	Ties, Concrete, Switch- and Crossties—Bulkhead Flatcars, with Cushioning Devices	3	
141	Track Panels, Mixed Lengths—Specially Equipped Flatcars with Permanent A-Frame Structure	3	<u>check</u>
142	Building Units, Concrete, Modular, 65,000 lb or Less—Flatcars	3	
150	Stone, Large, Single Layer—Flatcars or Gondolas, with Wood or Nailable Steel Floors	3	
151	Stones, Pulp Grinder, Cores Lengthwise—Gondolas or Flatcars, with Wood or Nailable Steel Floors	3	
170	Construction Debris—Gondolas	3	
180	Electrodes, Lengthwise—Bulkhead Flatcars, Cushioned or Non-Cushioned, with Wood or Nailable Steel Floors	3	
190	Houses or Buildings, Not to Exceed 500 lb per Linear Foot, Fabricated or Portable—Flatcar, with Cushion Underframes and/or End-of-Car Cushioning Devices	3	
200	Bulldozers, with Grousers—Flatcars, with Chain Tie-Downs	3	
202	Tractor-Scraper Combination, Pneumatic Tires—Flatcars, with Chain Tie-Down Assembly and Cushioning Device	3	
203	Loaders, Wheels Removed, 120,000 lb or Less—Flatcars Specially Equipped, Including Cushioning Devices	3	
204	Loaders, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc., 130,000 lb or Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	

Fig. No.	Title	Section	Circular?
205	Tractors, Pneumatic Tires, Four Wheel, with or without Buckets, Dozers, etc.—Flatcars, with	3	check
206	Chain Tie-Down Assembly and Cushioning Devices  Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	check
206-A	Tractors, Pneumatic Tires, Four Wheel, 5,500 lb to 10,500 lb, Lengthwise, Flatcars, with Chain Tie-Down Assembly	3	check
210	Graders, Pneumatic Tires, Motor, Six Wheel—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	check
230 239	Pickers, Cotton, Lengthwise, 12,500 lb or Less—Flatcars, with Chain Tie-Down Assembly Farm and Industrial Equipment and General Agricultural Machines—Flatcars, with Chain Tie-Down Assembly	3	
240	Grain Drills, Skidded, Wheels Dismounted, Unitized—Flatcars	3	
241 246	Grain Drills, Wheels Dismounted, Unitized—Flatcars Threshers, Harvester (Combines), 30,000 lb or Less—Flatcars with Chain Tie-Down	3 3	check
247	Assembly Threshers, Harvester (Combines), 12,000 lb to 16,000 lb Inclusive—Flatcars with Chain Tie-	3	check
248	Down Assembly Threshers, Harvester (Combines), 60,000 lb or Less—Flatcars	3	check
250	Tractors, Agricultural, Rubber Treads, 39,000 lb or Less—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	CHECK
251	Tractors, Pneumatic Tires, 4 Wheel, 30,000 lb or Less, Lengthwise—Flatcars, with Chain Tie-Down Assembly	3	check
260	Excavators, Crawler, with Grousers, 160,000 lb or Less with Boom Attached—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	check
261	Excavators, Crawler, 28,000 lb or Less with Boom Attached, 3/8 in. Chain Securement—Flatcars	3	
300	Trucks, Motor, SaddleBack, with or without Full Mount Unit—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	
300-A	Trucks, Motor, Saddleback—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	
301	Bus and Truck Chassis, Saddleback—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	3	
302	House Trailer, FEMA, Tube Frame, with Pneumatic Tires—Flatcars, with Chain Tie-Down Assemblies	3	
400	Nacelle, Wind Turbine, Weight Up to 200,000 lb Each— Flatcar, Heavy Duty	3	check
5-A	Panel Products, Uniform Length 7 ft and Over, Uniform Width 4 ft, Maximum Height of Package 3 ft—Bulkhead Flatcars, Loaded Lengthwise	5	
5-B	Panel Products, Uniform Length and Width—Bulkhead Flatcars, Loaded Lengthwise or Crosswise, Secured with Tie-Down Bands or Polyester Web Straps	5	
11-B	Pulpwood, Peeled and Unpeeled, 50 in. and 100 in., Longitudinally—Bulkhead Flatcars, with Steel Side Stakes	5	
11-D	Logs and/or Pulpwood, Unpeeled, Hardwood or Softwood—Bulkhead Flatcars, 50 ft Long or Over, Equipped with Steel Side Stakes	5	<u>check</u>
12-A	Round Stock, 60 in. to 120 in. Long—Bulkhead Flatcars, with Cushioning Devices	5	
13 14	Ties—Gondolas Logs, 25 in. Diameter or Over, 12 ft Long or Over in Pyramidal Form (Method No. 1) and Logs	5 5	
	of Any Diameter Less than 12 ft Long in Gondolas (Method No. 2)		و ماد
15 17	Logs, Unpeeled—Flatcars or Bulkhead Flatcars, Equipped with Permanent Side Stakes  Logs, Tree Length, Unpeeled—Bulkhead Flatcars, with Permanent Bearing Pieces and Steel  Side Stakes	5 5	<u>check</u>
18	Poles, Other than Treated, 20 ft Long or Over—Gondolas	5	check
19	Poles or Pilings, Round Stock, Untreated, Entirely Treated, Partially Treated, 12 ft Long or Over—Gondolas	5	check
24-A	Poles or Round Stock, Untreated or Treated—Single Loads on Flatcars	5	check
25	Poles or Pilings, Untreated or Treated, with 1 1/4 in. × .044 in. High Tension Bands, Single or Double Piles—Bulkhead Flatcars, 50 ft Long or Over, with Cushioning Devices	5	<u>check</u>

Fig. No.	Title	Section	Circular?
26	Poles, Round Stock—Flatcar, 89 ft, Equipped with Cushioned Underframe, Six Pair of Steel Side Stakes/Bunks, Web Strap, and Winches	5	check
27	Poles, Treated and Untreated, 35 ft and Longer, 62 ft and 70 ft Bulkhead Flatcars Equipped with a Minimum of Three Winches for 4 in. Polyester Web Straps and Six Pair of Steel Side Stakes	5	<u>check</u>
30	Panel Products, Packaged, Length 8 ft to 16 ft, Lengthwise—Bulkhead Flatcars with Floor Lading Anchors	5	
31	Panel Products, Packaged, Length 8 ft to 16 ft Lengthwise—Bulkhead Flatcars	5	
31-A	Siding, Hardboard, Exterior, Packaged—Center A-Frame Bulkhead Flatcars, with Cable Tie- Downs	5	check
32	Flakeboard, Packaged, Uniform Length 12 ft, Uniform Width 8 ft, Lengthwise—Bulkhead Flatcars	5	
33	Panel Products, Uniform Length 8 ft or Over, Uniform Width 4 ft, Lengthwise—Bulkhead Flatcars	5	
34	Panel Products, Packaged, Uniform Length 8 ft or Over, Uniform Width Packages, Lengthwise—Bulkhead Flatcars	5	
35	Panel Products, Uncoated, 6 ft Long and Over—Bulkhead Flatcars	5	check
37	Panel Products, Packaged 6 ft Long or Over, 40 in. High or Less—Center A-Frame Flatcars, with Cable Tie-Downs	5	check
38	OSB, Siding, Lap-Type, Painted and Packaged, 4 ft Wide, Lengthwise on Car—Bulkhead Flatcars	5	
40	Shingles, Palletized, Minimum 40 in. × 40 in.—Riserless Center A-Frame Flatcars	5	
40-A	Shingles, Palletized, Minimum 40 in. × 40 in., Incomplete Layer—Riserless Center A-Frame Flatcars	5	
49	Lumber, Hardwood, Packaged, Rough and/or Dressed, Treated or Untreated, 6 ft Long and Over, 2 in. × .044 in. High Tension Bands—Bulkhead Flatcars, with Cushioned Underframe	5	
54	Lumber, Packaged, 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs	5	
54-A	Pallet Stock Shorts, Units —Center A-Frame Riserless Flatcars with Permanent End Bulkheads, Cable or Web Strap Tie-Down System, and Cushioning Devices	5	
54-B	Lumber, 4 ft to 8 ft Long, Packaged—Center A-Frame Flatcars, with Cable Tie-Downs	5	check
55	Lumber, Packaged—Bulkhead Flatcars, with Constant Tensioning Devices for Use with 1 1/4 in. × .029 in. High Tension Bands	5	
58	Crossties, Timber, Packaged, Treated or Untreated—Bulkhead Flatcars, with Cushioning Devices	5	
58-A	Timber, Landscape, Packaged, 8 ft Long—Center A-Frame Flatcars, with Cable Tie-Downs	5	check
58-B	Crossties, Packaged, Treated, Untreated, or Plastic, 8 ft or 9 ft Ties on 73 ft cars, 8 ft 6 in. Ties on 61 ft cars—Flatcars, with Center A-Frame, Permanent End Bulkheads, and Cable Tie-	5	check
58-C	Down System Railroad Ties, Treated or Untreated, Packaged, 8 ft Long And Over—Flatcars with Center A- Frame, Permanent End Bulkheads, Cushioning Devices, and Cable Tie-Down System	5	check
59	Lumber, Packaged, 8 ft Long or Over, Package Height Up to 36 in.—Bulkhead Flatcars	5	
61	Lumber, Packaged, 7 ft Long or Over, Packages Maximum Height 32 in., Maximum Width	5	check
68	51 in.—Bulkhead Flatcars Lumber, Packaged , 8 ft Long and Over—Bulkhead Flatcars, with PVC Treated Polyester	5	
74	Webbing Tie-Downs, Equipped with Routing Devices or Special Chain Tie-Down Channels Lumber, 1 in. × 2 in. and Over, Not to Exceed 4 in. × 4 in., Packaged—flatcars, 81 ft Long and Over, with Bulkheads, Partial-Height Center Partition, Cushioning Devices, and Web Tie-	5	
75	Down Assemblies  Lumber, Nominally 33 in. High, Packaged—Flatcars, 73 ft, with Depressed Deck, End	5	
101-A	Bulkheads, Full-Height Center Partition, and Cushioning Devices  Gypsum Wallboard, Packages 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-	5	check
101-B	Downs and Cushioned Underframe Gypsum Wallboard, Packaged, Nominal Width 4 ft, Uniform Length Package, Lengthwise or	5	check
102	Crosswise, with Lumber or Pneumatic Dunnage Bag for Pack Out—Bulkhead Flatcars Cellulose, Fiber Insulation Board, Less than 31 lb/ft <sup>3</sup> Density, Gypsum Board, Packaged, Placed Lengthwise or Crosswise, Minimum Width 4 ft—Bulkhead Flatcars	5	
	Flaced Lengthwise of Closswise, Millimum Width 4 It—Dulkhead Flaccars		

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Fig. No.	Title	Section	Circular?
102-A	Cellulose, Ductboard, Insulation Board, Styrene Foam Sheets or Similar Low-Density Sheet Product—Center A-Frame Flatcars	5	check
112-A	Engineered-Wood Products, LVL, PSL, and LSL Structural Beams and I-Joists, Packaged, 8 ft Long and Over—Bulkhead Flatcars, 48 ft and Over	5	check
113	Engineered-Wood Products, LVL, PSL, and LSL Structural Beams and I-Joists, Packaged— Center A-Frame Flatcars, with Cable or Web Tie-Downs	5	check
114	Mats, Tilt-Up Hardwood, 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs	5	check
115	Mats, Bolted Hardwood, 8 ft Long or Over—Center A-Frame Flatcars, with Cable Tie-Downs	5	check
_	Material Chart (New 2/60)	6	<u> </u>
1-A	Howitzer, 105 mm—Flatcars	6	
1-B	Howitzer, M777A2, 155 mm—Flatcars	6	
21-D	Boat, Bridge Erection and Improved Ribbon Bridge Bays, on Pallet Adapters (Improved Ribbon Bridge System)—Flatcars	6	
21-E	Bridge Erection Boat (BED), M30—Flatcar, Chain Tie-Down	6	check
24	Buildings, Prefabricated, Straight and Curved Rib Crates—Gondolas	6	<u>orrook</u>
25	Buoys, Marine—Gondolas	6	
26	Buoys, Marine (Bilged Drums)—Gondolas	6	
27	Buoys, Marine—Gondolas	6	
36-B	Shelters, 10,000 lb or Less—Flatcars, with Chain Tie-Down	6	check
38	Aircraft Fuselages, Wings, Wing Sections, Surfaces, Etc., Boxed—Gondolas	6	<u>orrook</u>
41	Landing Mats in Bundles—Gondolas	6	
42	Landing Mats in Bundles—Gondolas	6	
43	Pontoons, Steel, Two Layers—Gondolas	6	
48-B	Scraper, Earthmover, with Pneumatic Tires, 100,000 lb or Less—Flatcars, with Wood Floors	6	
48-C	Tractors, Forklifts, Dozers, Etc., with Pneumatic Tires, Articulated and Nonarticulated, 150,000 lb or Less—Flatcars, with Chain Tie-Downs and Cushioning Devices	6	
48-D	Tractor-Scraper Combination, with Pneumatic Tires, 150,000 lb or Less—Flatcars, with Chain Tie-Downs and Cushioning Devices	6	
48-E	Tractor-Scraper Combination (Caterpillar 621G Tractor-Scraper Combination), Armored Cab with Pneumatic Tires, 80,000 lb or Less on DODX Railcar	6	
48-F	Excavators, Crawler, Armored, 67,300 lb or Less with Boom Attached—Flatcars, with Chain Tie-Down Assembly and Cushioning Devices	6	
48-G	Dozers, D7R Type I and Type II with Attachments and Cab, 50,550 lb to 58,000 lb inclusive, Flatcars, with Chain Tie-Downs and Cushioning Devices	6	
48-H	Motor Graders, Armored, with Pnematic Tires, 45,300 lb or Less—Flatcars with Chain Tiedown	6	check
48-I	Concrete Mixer, Trailer Mounted, with Pneumatic Tires, 11,580 lb or Less—Flatcars with Chain Tie-Down	6	check
52	Straddle Trucks—Flatcars or Gondolas	6	
54-A	ForkLifts, Variable Reach, 35,000 lb and Under—Flatcars, with Cushioning Devices, Center Tie-Down Channels, and Raised Side Sills	6	
54-B	Container Handler, Rough-Terrain Type (RTCH), 12 ft Wide and 120,000 lb or Less—Flatcars, 60 ft Long and Over, Chain Tie-Downs	6	
54-C	ForkLifts, Variable Reach, 40,000 lb and Under—Flatcars, with Cushioning Devices, Center Tie-Down Channels	6	
55-A	Crane, Hydraulic, Armoured, Maximum Weight 87,400 lb, with Pneumatic Tires—Flatcars, Steel Deck, Chain	6	
58	Vehicles, Light Armored and Similar, 30,000 lb and Under—Flatcars	6	
58-A	Vehicles, Heavy Armored and Similar (Stryker), 60,100 lb and Less—Flatcar with Chain Tie- Downs	6	check
58-B	Vehicles, Light Armored (LAV), 32,000 lb and under—Flatcars Equipped with 1/2 in. Chains, Four Tie-Down Channels, and Cushioned Underframe	6	
58-С	Vehicles, Amphibious Assault (AAV)—Flatcars Equipped with 1/2 in. Chains, Four Tie-Down Channels, and Cushioned Underframe	6	
61	Trailers, 3/4-Ton Cargo—Gondolas, with Wood Floors	6	

Fig. No.	<b>Title</b> Trailers, Single Axle, Cargo, Water Tank and Similar Types, Weighing 25,000 lb or Less—	Section 6	Circular?
63-A	Flatcars	U	
63-B	Trailer, M200A1—Flatcars, with Chain Tie-Downs	6	check
64	Trailers, 1 1/2 Ton Cargo, Double Decked—Flatcars	6	
65	Semi-Trailers—Flatcars	6	
65-A	Semi-Trailers, 12,000, 15,000, and 18,000 lb—Flatcars	6	
66	Semi-Trailers, Mobile, Light-Weight, with Tractor—Flatcars	6	
67	Semi-Trailers, Mobile, Light-Weight, with or without Dolly—Flatcars	6	
68	Semi-Trailers, Flatbed with Rigid Gooseneck and Dual Wheels, Double Decked—Flatcars	6	
68-A	Bodies-Stake-Bridge Transporting Trailer—Flatcars	6	
69	Trailer Vans—Flatcars or Gondolas, with Wood Floors	6	
70	Semi-Trailers, Double Decked, with Two-Wheel Dollies—Flatcars	6	
71	Semi-Trailers, 10 Ton, with Four Center Dual Wheels, Double Decked—Flatcars	6	
73	Semi-Trailers, 20 Ton, Triple Decked—Flatcars	6	
78-B	Tanks and Similar Units, Over 30,000 lb to 100,000 lb, Inclusive, Secured with Chains	6	check
83	Tanks and Similar Units 100,000 lb to 140,000 lb—Flatcars, DODX 140-Ton, with Chain Tie- Downs	6	
87	Carrier, Personnel, M113, or Similar Type Vehicles—Flatcars, G-85 or G-89, with Cushioned Rub Rail or Similar Railroad Flatcars	6	
87-B	Tracked Vehicles, 30,000 lb or Less—Flatcars, with Tie-Down Rails and Cushioning Devices	6	
88-B	Military Vehicles, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains—Flatcars	6	
88-C	Palletized Load System (PLS), Trucks and Trailers, 95,000 lb or Less per Combined Vehicle—Flatcars, HTTX or Similar Type, Equipped with Cushioning Devices	6	
88-D	Family of Medium Tactical Vehicles (FMTV) with S-280 Electronic Shelters	6	
88-E	Family of Medium Tactical Vehicles (FMTV) with Mobility Shop Container (MSC)	6	
88-F	Military Vehicles, Armoured, Pneumatic Tires, Non-Articulated, 75,850 lb or Less, Secured with Chains—Flatcars	6	
88-G	Caiman Multi-theater Vehicle (Mtv), Mine-Resistant, Ambush-Protected (Mrap), 72,000 lb or Less, Secured with Chains—Flatcars	6	
88-H	Trailers, M1000 HET—Flatcar with Chain Tie-Down Assembly And Cushion Device	6	
88-I	Tractors, Truck, Heavy, 36,500 lb or less, Secured with Chains—Flatcars	6	
88-J	Trailer, M870A2E1, 24,500 lb or Less—Flatcars, 60 ft Long	6	
88-K	Joint Light Tactical Vehicle (JLTV), 24,000 lb or Less—Flatcar with Chain Tie-Down Assembly	6	check
101	Mine Detector, Vehicle Mounted, Husky (VMMD) MKIII	6	check
101-A	Mine Detector, Vehicle Mounted, Red Pack (VMMD) MKIII (USMC version only)	6	
101-B	Mine Detonation Trailer (FMDT) (SMDT) (TMDT) (USMC version only)	6	
177	Heat Exchanger, DODX 300 ton—Flatcars	6	
200	Semi-Trailers, Flatbed with Rigid Gooseneck and Dual Wheels, Double Decked—Flatcars, with Hitches	6	
200-A	Trailers, Flatbed, Double Decked, Secured with Chains Only	6	
200-B	Trailers, Flatbed, Double Decked, Secured with Chains and Blocking	6	
200-C	Trailers, Flatbed with Bulkheads, Double Decked	6	
201	Semi-Trailers, 20 Ton, Triple Decked—Flatcars, with Hitches	6	
202	Semi-Trailers, Empty, Single and Dual Wheels—Flatcars, with Hitches	6	
203	Trailers, 1 1/2 Ton, Two-Wheel, Lengthwise—TOFC Flat Bed Trailers	6	
134	Placement of Trailer(s) and Container(s) on Flatcars	7	
204	Beams, Steel, "T" Roof Type—Flatbed Trailers	7	
210	Bar Steel, 1 in. Thick or Less, Bundled—Flatbed Trailers	7	
212	Bar Steel, Round, 12 ft Long or Over—Flatbed Trailers	7	
213	Bar Steel, Hot Rolled, Unoiled, Bundled, Maximum Weight 44,000 lb—Flatbed Trailers	7	
220	Steel Sheet, Crated—Flatbed Trailers Steel Flat Belled Backgred without Skide Flatbed Trailers	7	
221 222	Steel, Flat Rolled, Packaged, without Skids—Flatbed Trailers Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers	7 7	
222	Steel, Flat Rolled, Packaged, with Skids—Flatbed Trailers  Steel, Flat Rolled—Flatbed Trailers	7 7	
223	Oledi, Hat Nolleu—Flatbeu Hallets	1	

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Fig.	No.	Title	Section	Circular?
_	230	Coil, Steel, Individual, Eye Vertical, on Platform—Flatbed Trailers	7	
	233	Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers	7	
	234	Coil, Steel, Individual or Multi-Coil Units, Eye Lengthwise—Flatbed Trailers	7	
	237	Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers	7	
	238	Coil, Steel, Individual or Multi-Coil Units, Eye Crosswise—Flatbed Trailers	7	
	243	Slab, Steel—Flatbed Trailers	7	
	250	Building Material, Metal, Packaged—Flatbed Trailers	7	
:	251	Building Material, Metal, Packaged—Flatbed Trailers	7	
:	254	Trusses, Steel—Flatbed Trailers	7	
:	255	Trusses, Steel, Two Tiers High—Expandable Flatbed Trailers	7	
:	257	Flooring, Steel, 7 ft High or Less—Flatbed Trailers	7	
:	258	Decking and Grating, Steel—Flatbed Trailers	7	
2	260	Guard Rail, Steel—Flatbed Trailers	7	
2	262	Containers, Metal, Reusable, 20 ft Long—Flatbed Trailers	7	
:	263	Parts, Metal, in Kegs on Pallets—Flatbed Trailers	7	
:	267	Wire Cloth, Steel, Crated—Flatbed Trailers	7	
:	269	Fencing, Wire, in Rolls—Flatbed Trailers	7	
:	280	Tanks, Metal, 36 in. O.D. or Less—Flatbed Trailers	7	
:	285	Cylinder, UF6, 3 in. O.D., with Protective Shipping Package—Flatbed Trailers	7	
:	286	Cylinder, UF6, 10 Ton and 14 Ton—Open Top Trailers, Specially Equipped	7	
;	302	Pipe or Tubing, Steel, 4 1/2 in. O.D. or Less—Flatbed Trailers	7	
;	309	Pipe or Tubing, Steel, Galvanized or Aluminum, 15 ft Long or Less, 12 in. O.D. or Less—Flatbed Trailers	7	
;	315	Pipe, Steel, Iron, or Galvanized Corrugated Steel, 26 in. O.D. or Less, 12 ft Long or Over—Flatbed Trailers	7	
;	317	Pipe, Steel, Corrugated. Galvanized, Less Than 24 in. O.D.—Flatbed Trailers	7	
	319	Pipe, Steel, Corrugated, Nominal 40 ft Long or Less, 32 in. O.D. or Less—Flatbed Trailers	7	
;	321	Pipe, Steel, Corrugated, Nominal 40 ft Long or Less, 32 in. O.D. or Less, Nested—Flatbed Trailers	7	
;	325	Pipe, Steel, Bare, Coated, and/or Wrapped, 16 in. to 48 in. O.D.—Flatbed Trailers	7	
	330	Pipe, Cast Iron, 4 in. to 24 in. I.D.—Flatbed Trailers	7	
	332	Pipe, Cast Iron, 4 in. to 54 in. I.D.—Flatbed Trailers	7	
	341	Pipe, Cement, 4 in. to 6 in. O.D., 12 ft Long—Flatbed Trailers	7	
	343	Pipe, Concrete, Flatbed Trailers	7	
	345	Pipe, Concrete, Pressure, 42 in. O.D., 20 ft Long—Flatbed Trailers	7	
	347	Pipe, Concrete, Pressure, Reinforced, 22 in. to 104 in. O.D., Nominal 16 ft or 20 ft Lengths—Flatbed Trailers	7	
	351	Pipe, Polyethylene, 2 in. to 14 in. O.D., 42 ft Long or Less, Packaged—Flatbed Trailers	7	
	355	Pipe, Polyethylene, Coiled, 1/4 in. to 22 in. O.D.—Flatbed Trailers	7	
	375	Engine, 42,000 lb or Less—Flatbed Trailers	7	
	379	Mill Rollers, Steel—Flatbed Trailers	7	
	381	Axles, for Mobile Homes, Coated—Flatbed Trailers	7	
	386	Bolsters and Truck Side Frames for Railcars—Flatbed Trailers	7	
	401	Tractors, Crawler Type with Grousers, 45,000 lb or Less—Flatbed Trailers, with Chain Tie- Downs	7	
	405	Tractors, Four Wheel (with Tires), with or without Buckets, 45,000 lb or Less—Flatbed Trailers, with Chain Tie-Downs	7	
	430	Trailers, Flatbed, Double Decked, Secured with ChainS Only	7	
	432	Trailers, Flatbed, Double Decked, Secured with Chains and Blocking	7	
	434	Trailers, Flatbed with Bulkheads, Double Decked	7	
	437	Trailers, Flatbed, Triple Decked, Secured with High Tension Bands	7	
	441	Chassis, 23 ft Long or Less, Four High	7	
	443	Chassis, Gooseneck, 40 ft long or Less, Five High	7	
	445	Chassis, Gooseneck, 53 ft Long or Less, Three High	7	
4	461	Boat on Cradle—Flatbed Trailers	7	

Fig. No.	Title	Section	Circular?
490	Crates or Boxes with Skids, Loaded—Flatbed Trailers	7	
501	Lumber, 2 in. × 2 in. or Smaller, 6 ft Long, Packaged—Flatbed Trailers	7	
505	Lumber, Dressed, Packaged, 6 ft Long or Over—Flatbed Trailers	7	
515	Lumber, 4 in. × 4 in. × 8 ft, Packaged—Flatbed Trailers	7	
531	Plywood or Composition Boards, Packaged—Flatbed Trailers	7	
575	Roofing Paper on Pallets—Flatbed Trailers	7	
585	Slab, Concrete, Steel Reinforced—Flatbed Trailers	7	
586	Slab, Concrete, Metal Reinforced—Flatbed Trailers	7	
595	Glass, Crated—Flatbed Trailers	7	
615	Container, Coil Cradle, Loaded on Flatcar	7	
616	Coils, Rod or Wire, 50 in. O.D. or less, Eye Longitudinal—Flatrack Containers, Specially Equipped with Permanent Troughs, End Bulkheads, and Adjustable End Posts	7	
617	Coil, Flat Steel, Eye Crosswise—Flatrack Containers with Chain Tie-Down System	7	
700	Pipe, Steel, Uncoated, 5 in. to 8 in. O.D., 36 ft to 46 ft Long, Single Pile, Nested—Flat Rack Containers with Polyester Webbing Tie-Down System	7	
705	Pipe or Tubing, Steel, 1 in. to 4 in. O.D., 20 ft to 45 ft Long, Packaged, Single or Double Piles—Flat Rack Containers with Bulkheads and Polyester Webbing Tie-Down System	7	
710	Pipe, Steel, Uncoated, 2 3/8 in. to 7 5/8 in. O.D., 25 ft to 48 ft Long, Packaged—Flat Rack Containers	7	
715	Pipe, Steel, Uncoated, 5 in. to 20 in. O.D. 25 ft to 48 ft Long—Flat Rack Containers	7	
725	Pipe, Cast Iron, 4 in. to 24 in. I.D.—Flat Rack Containers with Bulkheads and Polyester Webbing Tie-Down System	7	
795	Tires, Maximum 11 ft Diameter—Two per Each 20 ft Flat Rack Container with Retractable or Permanent End Bulkheads	7	
796	Tires, Maximum 11 ft Diameter—Four per Each 20 ft Flat Rack Container with Retractable or Permanent End Bulkheads	7	
842	Chassis, Gooseneck, 23 ft Long, Three High, on Stak-Rak Carriers	7	
848	Chassis, Gooseneck, 40 ft Long, Four High, on Stak-Rak Carriers	7	
849	Chassis, Gooseneck, 48 ft to 53 ft Long, Two- or Three-High on Container—Shipping Unit	7	
850	Chassis, Gooseneck 20 ft to 40 ft Long, Four-High on Container—Shipping Unit	7	
851	Container, Folding, 40 ft Long, Four High—Flatcars	7	
902	Lumber, 6 ft Long or Over, Packaged—Flat Rack Containers, with Bulkheads	7	
910	Lumber, 5 ft Long or Over, Packaged—Flat Rack Containers, with Bulkheads and Polyester Webbing Tie-Down System	7	
912	Lumber, 8 ft Long or Over, with or without Unequal Lengths, Packaged—Flat Rack Containers, with End Bulkheads and Polyester Webbing Tie-Down System	7	
935	Plywood, Uniform Length and Width, Packaged, Loaded Lengthwise—Flat Rack Containers, with Bulkheads and Polyester Tie-Down System	7	
937	Composition Board, 5 ft × 10 ft, Coated or Uncoated, Packaged—Flat Rack Containers, with Bulkheads and Polyester Webbing Tie-Down System	7	
975	Shingles, Asphalt or Fiberglass, Bundled, Palletized and Wrapped—Flat Rack Containers, with Bulkheads and Polyester Webbing Tie-Down System	7	

### ARCHIVED FIGURES MOVED TO SECTION 4

Fig. No.	Title	Original Section
1	Ingots, Copper, 13 ft Long and Over—Flatcars, with Fixed End and Intermediate Bulkheads and Permanent Moveable Side Chocks	2
6-B	Joists, Steel, Long Span, Single Load, Single- or Double-End Overhang—Gondolas	2
9	Rails—Gondolas	2
9-A	Rails, 78 ft Long and Over, Twin Load—Flatcars	2
9-C	Rails, 82 ft Long or Less—Gondolas, 65 ft and Over, with Drop Ends	2
12-A	Plate, Round, Dished or Flanged, 15-ft Diameter or Less, Maximum Weight 80,000 lb, Diagonal—Hopper Cars	2

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Fig. No.	Title	Original Section
13	Plate, Diagonal, Unlapped Piles—Gondolas	2
13-B	Plate, Diagonal, Single or Lapped Piles—Gondolas	2
14-C	Plate, Horizontal, Exceeding Width of Car, 35 ft Long and Over, of Uniform Length, Width, and Thickness—Bulkhead Flatcars, 50 ft to 52 ft 6 in. Long	2
15	Plate, on Top of Car Sides—Gondolas, with Steel Sides Not Over 48 in. High	2
16	Plate, 1 in. Thick or Less, Load 20 in. High or Less—Flatcars	2
17	Plate, 1 in. Thick or Less, Load 20 in. High or Less, Retarded Floating Load—Flatcars	2
19	Plate, Unoiled—Gondolas	2
20	Plate, Unoiled, Crosswise—Gondolas	2
22	Plate, Unoiled, Over 1/8 in. Thick, Lengthwise—Gondolas	2
23	Girders, Plates and Structural Shapes, Single Load, Single- or Double-End Overhang—Flatcars or Gondolas	2
24	Plate, Less than 1/4 in. Thick, Crosswise—Gondolas	2
26	Plate, Less than 1/4 in. Thick, in One or More Layers—Gondolas, with Wood Floors	2
27	Plate, Less than 1/4 in. Thick, Packaged, Lengthwise—Gondolas	2
29-A	Coils of Flat Steel, 67 in. O.D. or Less, Individual or Packaged—Flatcars, with Center Stake Pockets	2
29-E	Coils of Flat Steel, Hot Rolled, Semi-Finished, Unprocessed, 65 in. to 76 in. O.D., Width Not Less than 60% of O.D., Eye Lateral—Flatcars, with Wooden Bunks	2
29-F	Coils of Flat Steel, 86 in. O.D. or Less, Removable Steel Cradles—Flatcars, 75 ft Long or Less	2
30	Coils of Flat Steel, 55 in. O.D. and Over, on Skids—Gondolas	2
31	Coils of Flat Steel, Less than 60 in. O.D., with Center Void—Gondolas	2
32	Coils of Flat Steel, Less than 60 in. O.D., with Side Void—Gondolas	2
33	Coils of Flat Steel, 72 in. O.D. and Less, Eye Longitudinal—Gondolas	2
33-A	Coils of Flat Steel, Single or Multiple, Eye Vertical, Packaged on Skids—Gondolas	2
33-C	Coils of Flat Steel, Over 25,000 lb, O.D. Equal to or Greater than Height, Eye Vertical, in Single Row—Gondolas, with Wood or Steel Floor	2
33-D	Coils of Tin Plate, Eye Vertical, on Floating Skids—Gondolas	2
34	Coils of Wire, 44 in. Diameter or Less—Gondolas	2
34-B	Coils of Wire, 48 in. Diameter or Less—Bulkhead Flatcars, with Sloped Floors and Steel Side Rails Extending 8 in. Above Car Deck	2
34-C	Coils of Wire, 48 in. Diameter or Less—Bulkhead Flatcars, with Steel Side Stakes and Rails	2
34-D	Coils of Rod or Bar, 7/32 in. Diameter or Larger, Coils 50 in. to 53 in. O.D. by 40 in. to 64 in. Wide—Gondolas	2
34-F	Wire, Coils—Bulkhead Flatcars with Cradles and Cushioning Devices	2
35	Beams and Structural Shapes, Steel, Load on One Bearing Piece on Top of Steel Sides, Single Overhang—Gondolas	2
36	Beams and Structural Shapes, Steel, Double-End Overhang—Flatcars or Gondolas	2
37	Beams and Structural Shapes, Steel, Load Not to Exceed 5 ft Above Floor—Flatcars or Gondolas	2
37-A	Beams and Structural Shapes, Load Not to Exceed 6 ft Above Floor—Gondolas	2
38	Beams and Structural Shapes, Steel, with or without Sliders, 7 ft High or Less Above Bearing Pieces—Flatcars or Gondolas	2
39	Rebar and Similar Steel Products, 3 ft High or Less Above Bearing Pieces—Flatcars or Gondolas	2
40	Beams and Structural Shapes, Rebar and Similar Steel Products, Single- and Multi-Car Loads, with or without Overhangs—Flatcars or Gondolas	2
41	Rebar and Similar Steel Products, with Sliders, 7 ft High or Less Above Bearing Pieces, Double Load with Single End Overhang—Flatcars or Gondolas	2
43-A	Ingots, Aluminum, 150 in. Long—Bulkhead Flatcars	2
43-J	Ingots, Aluminum, 25,000 lb and Over—Bulkhead Flatcars, 62 ft Inside Length, with Cushioning Devices and CTDs	2
43-L	Ingots, Aluminum, 150 in. to 300 in. Long, 26 in. High or Less, 60 in. Wide or Less—Bulkhead Flatcars, with Cushioning Devices and CTDs	2
43-M	Ingots, Aluminum—Bulkhead Flatcars, with Fixed Risers and Chain Tie-Downs	2
44	Mill Rolls, Lengthwise—Gondolas	2
46-A	Mill Rolls, 30 in. to 50 in. O.D., 30,000 to 50,000 lb, Lengthwise—Flatcars or Gondolas	2

Fig. No.	Title	Original Section
46-B	Mill Rolls, Over 50 in. O.D., Over 50,000 lb, Lengthwise—Flatcars or Gondolas	2
49	Slabs, Lengthwise—Gondolas	2
51	Girders, Vertical—Flatcars or Gondolas	2
52	Trusses, Roof, Metal, etc., Whole or Sectional—Gondolas	2
61	Girders, Box-Type, Multi-Car Load with on Pivoted Bolsters—Flatcars	2
72	Mesh, Wire or Rod or Bar Mats, Inverted, Diagonal or Dished—Gondolas	2
74	Mesh, Wire, Rolls, 30 in. O.D. or Less, 8 ft Long or Less, Lengthwise, Loaded Pyramidal—Gondolas	2
76	Mesh, Wire, Rolls on End with Crosswise Layers on Top—Gondolas	2
76-A	Mesh, Wire, Rolls, 36 in. to 72 in. O.D., Crosswise—Flatcars	2
81-B	Mesh, Wire or Rod and Bar Mats, Inverted Flatwise, 8 ft or Less Above Car Floor—Flatcars	2
82	Mesh, Wire or Bar Mats, Flatwise, 7 ft High or Less Above Floor—Flatcars	2
100	Plate—Bulkhead Flatcar, with Chain Tie-Downs	2
107	Beams and Structural Shapes, Steel, Over 65 ft Long—Flatcars, 85 ft Long and Over, with Wooden Bulkheads, Partial Sides, Steel Side Stakes, and Fixed Bearing Pieces	2
109-B	Beams, Steel, H and I, Maximum Size 42 in., 18 ft Long and Over, Webs Horizontal and/or Vertical, Bulkhead Flatcars, with Cushioning Devices	2
110	Building Sections, Metal, and Accessories—Gondolas	2
123	Pipe, Steel, 26 in. O.D. and Less, Uniform or Mixed Lengths and Diameters, with Wire, No. 3 Gauge High Tension—Gondolas	2
124	Pipe, Steel, 26 in. O.D. or Less, Uniform or Mixed Lengths and Diameters—Gondolas (Must Have 4 ft Void at Each End on Material Loaded Above Car Ends at Origin)	2
128	Pipe, Steel, Uncoated, 5 in. to 20 in. O.D., 25 ft to 48 ft Long—Bulkhead Flatcars, with Cushioning Devices	2
128-A	Pipe, Steel, Bare, Coated, 6 5/8 in. to 14 in. O.D., 43 ft Long and Over—Bulkhead Flatcars, with Cushioning Devices	2
133	Pipe, Steel and Wrought Iron, 26 in. O.D. and Over, 12 ft Long or Over—Flatcars or Gondolas	2
134-A	Pipe, Steel, Uncoated, 14 in. O.D., 40 ft Long, Two Piles—Flatcars. 89 ft Long, with Cushioning Devices	2
135	Pipe, Steel and Wrought Iron, Uncoated or Varnish Coated, 2 3/8 in. to 12 3/4 in. O.D., 38 ft Long and Over—Bulkhead Flatcars	2
147-B	Pipe, Cast Iron or Ductile, 3 in. to 64 in. I.D.—Flatcars, with Cushioning Devices, Fixed Wood Bearing Pieces, and Auxilary Band Anchors	2
265	Pipe, Steel, Bare, Coated, or Wrapped, 16 in. to 72 in. O.D., 60 ft Long, Single Pile, Double-End Overhang—Flatcars	2
117-B	Pipe, Pressure, Reinforced Concrete, 10 ft 4 in. to 11 ft 6 in. Diameter, Inclusive, Nominal 16 ft or 20 ft Lengths—Flatcars, 48 ft or Longer, with Constant Tensioning Devices	3
1-B	Transformers—Flatcars, with 5/8 in. Thick Steel Floor and Cushioning Device with 20 in. or More Travel	4
1-C	Circuit Breakers, 8,000 lb or Less—Flatcars	4
1-D	Circuit Breakers, Over 8,000 lb to 35,000 lb Inclusive—Flatcars	4
1-E	Transformers—Flatcars or Depressed Center Cars with 5/8-in. or Thicker Steel Floor with or without Cushioning Devices	4
1-F	Transformers—Flatcars or Depressed Center Cars, Specially Equipped with 5/8 in. or Thicker Steel Floor and Cushioning Devices	4
1-G	Transformers, 99,000 lb or Less—Flatcars	4
1-H	Transformers, 450,000 lb or Less—Flatcars, with Wood Floors	4
1-J	Transformers, 450,000 lb or Less—Flatcars, with 5/8 in. Minimum Steel Floors	4
1-M	Transformers, 650,000 lb or Less—Depressed Center Flatcars	4
1-N	Transformers, 200,000 lb or Less—Flatcars, with 1/2 in. Steel Floors or Combination Wood-Steel Floors	4
8	Boilers, Shells, Tanks, Etc., Long, Not Exceeding 30,000 lb or 80 ft Long and Not Subject to Damage by Stationary Bolsters—Two Flatcars	4
10	Tanks with Flat End on Floor When Not Exceeding Twice the Inside Height of Car—Gondolas	4
11	Tanks with Flat End on Floor When More Than Two Times but Not More Than Two and One-Half Times the Inside Height of Car—Gondolas	4
12	Tanks with Flat End on Floor When More Than Two and One-Half Times the Inside Height of Car—Gondolas	4
13	Tanks, Steel, with Flat End on Floor—Flatcars	4
14	Tanks, L.P.G. Cylindrical, Empty—Flatcars	4

Fig. No.	Title	Original Section
14-A	Tanks, Aluminum, Maximum Weight 3,000 lb—Flatcars, 89 ft Long or Less, Specially Equipped	4
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## CURRENT CIRCULAR LETTERS

### **DISCLAIMER**

This table lists the Circular Letters that have been issued subsequent to the last printed release of the OTLRM rules and figures. This Index Tool is intended to improve accessability for users. It is the responsibility of the user to ensure that individual OTLRM sections reflect interim revisions inplemented via Circular Letter.

# Click one of the links below to see the Circular Letters affecting that particular OTLRM section.

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### Section 1 General Rules for Loading All Commodities (May 2017) (page 1 of 2)

Rule Affected	Date	CL No.	Title
Book	4/26/2017	C-12863	Implementation of Revised AAR Open Top Loading Rules Manuals (OTLR)
29	5/26/2017	C-12884	Implementation of revision to General Rule 29—Section 1 AAR Open Top Loading Rules Manual (OTLR)
36.4.4	5/26/2017	C-12887	Implementation of revision to General Rule 36.4.4 to Remove All References to Torpedoes—Section 1 AAR Open Top Loading Rules Manual (OTLR)
15.3	5/26/2017	C-12888	Implementation of revision to General Rule 15.3—Section 1 AAR Open Top Loading Rules Manual (OTLR)
3.1	5/26/2017	C-12889	Implementation of revision to General Rule 3.1—Section 1 AAR Open Top Loading Rules Manual (OTLR)
3.4 6.1 15.3.1 21.11.1.1 21.6 36 37.5.3.4 37.5.3.5 37.5.3.7 46.4.10 Table E1	1/10/2018	C-13051	Implementation of Revisions to Section1 General Rules Open Top Loading Rules Manual (OTLR)
19	4/18/2018	C-13101	Implementation of Revisions to General Rule 19 Section 1 of the AAR Open Top Loading Rules Manual (OTLR)
19 Appendix D	12/10/2018	C-13260	Implementation of Editorial Revisions to General Rule 19 and Appendix D—Section 1 of the AAR Open Top Loading Rules Manual (OTLR)
11 20	2/5/2019	C-13278	Implementation of Revisions to General Rule 11 (11.7.8) and General Rule 20 (20.4.3)—Section 1 of the AAR Open Top Loading Rules Manual (OTLR)
21 Glossary	4/18/2019	C-13307	Implementation of Revisions to General Rule 21 and Glossary— Section 1 of the AAR Open Top Loading Rules Manual (OTLR)
21	8/9/2019	C-13393	Implementation of Revision to General Rule 21—Section 1 of the AAR Open Top Loading Rules Manual (OTLR)

# Section 1 General Rules for Loading All Commodities (May 2017) (page 2 of 2)

Rule Affected	Date	CL No.	Title
5 17 25 43 Appx D	10/18/2019	C-13428	Implementation of Revisions to General Rules 5, 17, 25, 43 and Appendix D—Section 1 of the AAR Open Top Loading Rules Manual (OTLR)

# Section 2 Rules for Loading Metal Products, Including Pipe (May 2017) (page 1 of 3)

Figure Affected	Date	CL No.	Title
Book	4/26/2017	C-12863	Implementation of Revised AAR Open Top Loading Rules Manuals (OTLR)
29-I 29-J 29-K	5/27/2017	C-12881	Implementation of Revisions to Figure Coil Figures 29-I, 29-J, 29-K—Section 2 AAR Open Top Loading Rules Manual (OTLR)
40-A	5/26/2017	C-12882	Implementation of Revisions to Figure 40-A Rebar—Bulkhead Flatcars—Section 2 AAR Open Top Loading Rules Manual (OTLR)
154-B	5/26/2017	C-12890	Implementation of Revisions to Figure 154-B, Tubing, Steel, Squares, Rectangles, Hollow Structural, and Rounds, Over 12 ft Long, Packaged—Bulkhead Flatcars, with Cushioning Devices—Section 2 AAR Open Top Loading Rules Manual (OTLR)
128-A	5/26/2017	C-12891	Implementation of Revisions to Fig. 128-A Pipe, Steel, Bare, Coated, 6 5/8 in.—14 in. O.D., 43 ft Long and Over—Section 2 (OTLR)
109 109-B	6/9/2017	C-12903	Implementation of Revisions to Figures 109 and 109-B—Section 2 AAR Open Top Loading Rules Manual (OTLR)
134-A 240 244 247 260 263 265 267 267-A 280 285 298	8/9/2017	C-12941	Implementation of Revisions to the 200 Series Pipe Figures— Section 2 AAR Open Top Loading Rules Manual (OTLR)
14-B	11/10/2017	C-13002	Implementation of Revisions to Figure 14-B—Section 2 AAR Open Top Loading Rules Manual (OTLR)
43-J 43-L 43-M	11/10/2017	C-13003	Implementation of Archival of Figures 43-J, 43-L and 43-M—Section 2 AAR Open Top Loading Rules Manual (OTLR)
298	11/10/2017	C-13009	Implementation of Revisions to Figure 298—Section 2 AAR Open Top Loading Rules Manual (OTLR)
128 128-A	11/10/2017	C-13011	Implementation of Revisions to Figures 128 and 128-A—Section 2 AAR Open Top Loading Rules Manual (OTLR)

# Section 2 Rules for Loading Metal Products, Including Pipe (May 2017) (page 2 of 3)

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40-A	11/10/2017	C-13012	Implementation of Revisions to Figure 40-A—Section 2 AAR Open Top Loading Rules Manual (OTLR)
240 244 247 260 263 267 280 285	11/20/2017	C-13026	Implementation of Revisions to the 200 Series Figures—Section 2 AAR Open Top Loading Rules Manual (OTLR)
14-B	12/1/2017	C-13031	Implementation of Revisions to Figure 14-B—Section 2 AAR Open Top Loading Rules Manual (OTLR)
154-B	12/1/2017	C-13032	Implementation of Revisions to Figure 154-B—Section 2 AAR Open Top Loading Rules Manual (OTLR)
109	12/13/2017	C-13035	Implementation of Revisions to Figures 109 Section 2 AAR Open Top Loading Rules Manual (OTLR)
43-Q	12/13/2017	C-13036	Implementation of New Figure 43-Q Section 2 AAR Open Top Loading Rules Manual (OTLR)
43-K	12/13/2017	C-13037	Implementation of Revisions to Figure 43-K Section 2 AAR Open Top Loading Rules Manual (OTLR)
43-K	1/10/2018	C-13050	Implementation of Revisions to Figure 43-K Section 2 AAR Open Top Loading Rules Manual (OTLR
34-B	4/13/2018	C-13095	Implementation of Archival of Figure 34-B Section 2 AAR Open Top Loading Rules Manual (OTLR)
154-B	4/18/2018	C-13100	Implementation of Revisions to Figure 154-B Section 2 AAR Open Top Loading Rules Manual (OTLR)
120 121	4/18/2018	C-13102	Implementation of Revisions to Figures 120 and 121 Section 2 of the AAR Open Top Loading Rules Manual (OTLR)
43-H 43-I	4/18/2018	C-13104	Implementation of Revisions to Figures 43-H and 43-I Section 2 of the AAR Open Top Loading Rules Manual (OTLR)
119	4/18/2018	C-13105	Correction—Implementation of Revisions to Figure 119 Section 2 AAR Open Top Loading Rules Manual (OTLR)
244 260 263 267	4/27/2018	C-13106	Implementation of Revisions to Figures 244, 260, 263 and 267 Section 2 AAR Open Top Loading Rules Manual (OTLR)
128 128-A	4/30/2018	C-13112	Implementation of Revisions to Figures 128 and 128-A Section 2 of the AAR Open Top Loading Rules Manual (OTLR)
280	5/1/2018	C-13116	Implementation of Revisions to Figure 280 Section 2 AAR Open Top Loading Rules Manual (OTLR)
34-A	5/2/2018	C-13120	Correction to the Implementation of Revisions to Figure 34-A Section 2 of the AAR Open Top Loading Rules Manual (OTLR)
22-C	5/2/2018	C-13121	Implementation of New Figure 22-C Plate or Slab, Horizontal Gondolas Section 2 of the AAR Open Top Loading Rules Manual (OTLR)
29-I 29-K	5/23/2018	C-13145	Implementation of Revisions to Coil Figures 29-I and 29-K- Section 2 AAR Open Top Loading Rules Manual (OTLR)

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# Section 2 Rules for Loading Metal Products, Including Pipe (May 2017) (page 3 of 3)

Figure Affected	Date	CL No.	Title
22-D	6/14/2018	C-13156	Implementation of New Figure 22-D Bars, Steel, Loose or Packaged, Single or Multiple Piles—Gondolas Section 2 of the AAR Open Top Loading Rules Manual (OTLR)
128 267-A 285	12/10/2018	C-13258	Implementation of Revisions to Figures 128, 267-A and 285— Section 2 of the AAR Open Top Loading Rules Manual (OTLR)
14 14-B 29-G 154-B	12/10/2018	C-13259	Implementation of Revisions to Figures 14, 14-B, 29-G, and 154-B—Section 2 of the AAR Open Top Loading Rules Manual (OTLR)
22-D 298	1/9/2019	C-13268	Implementation of Revisions to Figures 22-D and 298 – Section 2 of the AAR Open Top Loading Rules Manual (OTLR)
109 124	2/5/2019	C-13277	Implementation of Revisions to Figures 109 and 124—Section 2 of the AAR Open Top Loading Rules Manual (OTLR)
14-A	4/6/2019	C-13300	Implementation of Revisions to Figure 14-A—Section 2 of the AAR Open Top Loading Rules Manual (OTLR)
128 128-A 128-B	4/6/2019	C-13301	Implementation of New Figure 128-B and Archive Figures 128 and 128-A—Section 2 of the AAR Open Top Loading Rules Manual (OTLR)
129 147-D 154-B 267-A	6/19/2019	C-13367	Implementation of Revisions to Figures 129, 147-D, 154-B, and 267-A—Section 2 of the AAR Open Top Loading Rules Manual (OTLR)
14 43-S 88 89	6/19/2019	C-13368	Implementation of Revisions to Figures 14, 43-S, 88 and 89—Section 2 of the AAR Open Top Loading Rules Manual (OTLR)
240 244 247 260 263 267 267-A 285 298	10/18/2019	C-13425	Implementation of Revisions to Figures 240, 244, 247, 260, 263, 267, 267-A, 285, and 298—Section 2 of the AAR Open Top Loading Rules Manual (OTLR)
83 84 85	10/18/2019	C-13426	Implementation of Revisions to Figures 83 and 84 and New Figure 85—Section 2 of the AAR Open Top Loading Rules Manual (OTLR)
8-B 9-F 14-B	10/18/2019	C-13427	Implementation of Revisions to Figures 8-B, 9-F, and 14-B—Section 2 of the AAR Open Top Loading Rules Manual (OTLR)

## Section 3 Rules for Loading Machinery, Heavy Components, and Miscellaneous Commodities (May 2017)

Figure Affected	Date	CL No.	Title
Book	4/26/2017	C-12863	Implementation of Revised AAR Open Top Loading Rules Manuals (OTLR)
55-A	5/26/2017	C-12883	Implementation of Revisions to Figure 55-A, Wrecked Car Bodies— Loaded on Modified Flatcars—Section 3 AAR Open Top Loading Rules Manual (OTLR)
1-A 1-C	6/9/2017	C-12902	Implementation of Figures 1-A and 1-C—Section 3 AAR Open Top Loading Rules Manual (OTLR)
55	4/13/2018	C-13097	Implementation of Revisions to Figure 55 Section 3 of the AAR Open Top Loading Rules Manual (OTLR)
117-B	4/13/2018	C-13096	Implementation of Archival of Figure 117-B Section 3 AAR Open Top Loading Rules Manual (OTLR)
141	6/14/2018	C-13155	Implementation of New Figure 141 Section 3 of the AAR Open Top Loading Rules Manual (OTLR)
205 206 206-A 210 246 247 248 251	8/1/2018	C-13181	Implementation of Revisions to Figures 205, 206, 206-A, 210, 246, 247, 248, and 251 Section 3 of the AAR Open Top Loading Rules Manual (OTLR)
260	8/1/2018	C-13182	Implementation of Revision to Figure 260 Section 3 of the AAR Open Top Loading Rules Manual (OTLR)
1-D 55	12/10/2018	C-13257	Implementation of Revisions to Figures 1-D and 55—Section 3 of the AAR Open Top Loading Rules Manual (OTLR)
400	1/18/2019	C-13271	Implementation of New Figure 400—Section 3 of the AAR Open Top Loading Rules Manual (OTLR)
141	10/25/2019	C-13430	Track Panels on Specially Equipped Flatcars. Implementation of Revisions to Figure 141—Section 3 of the AAR Open Top Loading Rules Manual (OTLR)

## Section 4 Archived Rules and Figures from Sections 1 through 7

Figure Affected	Date	CL No.	Title
Book			No longer released to industry

## Section 5 Rules for Loading Forest Products and Miscellaneous Building Materials (May 2017) (page 1 of 2)

Figure Affected	Date	CL No.	Title
Book	4/26/2017	C-12863	Implementation of Revised AAR Open Top Loading Rules Manuals (OTLR)

# Section 5 Rules for Loading Forest Products and Miscellaneous Building Materials (May 2017) (page 2 of 2)

Figure Affected	Date	CL No.	Title
115	5/26/2017	C-12885	Implementation of New Figure 115, Mats, Bolted Hardwood, 8 ft Long or Over—Center A-Frame Flatcars, 2ith Cable Tie-downs— Section 5 AAR Open Top Loading Rules Manual (OTLR)
114	5/26/2017	C-12886	Implementation of New Figure 114, Mats, Tilt-Up Hardwood, 8 ft Long or Over Center A-Frame Flatcars, with Cable Tie-Downs— Section 5 AAR Open Top Loading Rules Manual (OTLR)
112-A	5/26/2017	C-12892	Implementation of Revisions to Figure 112-A, Engineered-Wood Products—Section 5 AAR Open Top Loading Rules Manual (OTLR)
24-A	5/26/2017	C-12893	Implementation of Revisions to Figure 24-A, Poles or Round Stock, Untreated or Treated—Single Loads on Flatcars—Section 5 AAR Open Top Loading Rules Manual (OTLR)
115	11/10/2017	C-13004	Implementation of Revisions to Figure 115—Section 5 AAR Open Top Loading Rules Manual (OTLR)
114	11/10/2017	C-13005	Implementation of Revisions to Figure 114—Section 5 AAR Open Top Loading Rules Manual (OTLR)
101-A	11/10/2017	C-13010	Implementation of Revisions to Figure 101-A—Section 5 AAR Open Top Loading Rules Manual (OTLR)
26	2/12/2018	C-13070	Implementation of Revisions to Figure 26 Section 5 AAR Open Top Loading Rules Manual (OTLR)
112-A	4/18/2018	C-13099	Implementation of Revisions to Figure 112-A Section 5 AAR Open Top Loading Rules Manual (OTLR)
31-A 37 54-B 58-A 58-B 58-C 101-A 102-A 113	4/30/2018	C-13113	Implementation of Revisions to Figures 31-A, 37, 54-B, 58-A, 58-B, 58-C, 101-A, 102-A and 113 Section 5 AAR Open Top Loading Rules Manual (OTLR)
54-B	5/3/2018	C-13122	Implementation of Revisions to Figure 54-B Section 5 AAR Open Top Loading Rules Manual (OTLR)
61	12/10/2018	C-13255	Implementation of Revision to Figure 61—Section 5 of the AAR Open Top Loading Rules Manual (OTLR)
11-D 15 18 19	6/28/2019	C-13374	Implementation of Revisions to Figures 11-D, 15, 18, and 19—Section 5 of the AAR Open Top Loading Rules Manual (OTLR)
35 37 101-A 101-B 112-A	8/9/2019	C-13391	Implementation of Revisions to Figures 35, 37, 101-A, 101-B and 112-A—Section 5 of the AAR Open Top Loading Rules Manual (OTLR)
25 27	8/9/2019	C-13392	Implementation of Revisions to Figure 25 and Figure 27—Section 5 of the AAR Open Top Loading Rules Manual (OTLR)
113 114	10/18/2019	C-13424	Implementation of Revisions to Figures 113 and 114—Section 5 of the AAR Open Top Loading Rules Manual (OTLR)

# Section 6 Rules for Loading Military Equipment and Materiel (May 2017)

Figure Affected	Date	CL No.	Title
Book	4/26/2017	C-12863	Implementation of Revised AAR Open Top Loading Rules Manuals (OTLR)
88-B 88-F	11/10/2017	C-13006	Implementation of Revisions to Figures 88-B and 88-F—Section 6 AAR Open Top Loading Rules Manual (OTLR)
87	11/10/2017	C-13007	Implementation of Revisions to Figure 87—Section 6 AAR Open Top Loading Rules Manual (OTLR)
1-B	11/10/2017	C-13008	Implementation of Revisions to Figure 1-B—Section 6 AAR Open Top Loading Rules Manual (OTLR)
48-H	1/10/2018	C-13049	Implementation of New Figure 48-H Section 6 AAR Open Top Loading Rules Manual (OTLR)
36-B	2/12/2018	C-13069	Implementation of New Figure 36-B Section 6 AAR Open Top Loading Rules Manual (OTLR)
48-I	2/12/2018	C-13072	Implementation of New Figure 48-I Section 6 AAR Open Top Loading Rules Manual (OTLR)
21-E	4/13/2018	C-13094	Implementation of New Figure 21-E Section 6 AAR Open Top Loading Rules Manual (OTLR)
48-H	5/1/2018	C-13117	Implementation of New Figure 48-H Section 6 AAR Open Top Loading Rules Manual (OTLR)—Correction
36-B	5/1/2018	C-13118	Implementation of New Figure 36-B Section 6 AAR Open Top Loading Rules Manual (OTLR)
58-A 63-B 101	12/10/2018	C-13254	Implementation of Revisions to Figures 58-A, 63-B and 101— Section 6 of the AAR Open Top Loading Rules Manual (OTLR)
88-K	2/5/2019	C-13276	Implementation of New Figure 88K—Section 6 of the AAR Open Top Loading Rules Manual (OTLR)
78-B	4/18/2019	C-13308	Implementation of Revision to Figure 78-B—Section 6 of the AAR Open Top Loading Rules Manual (OTLR)

## Section 7 Rules for Loading All Commodities on Open Top Trailers and Containers for Rail Transport (August 2013)

Rule or Figure Affected	Date	CL No.	Title
Book	4/26/2017	C-12863	Implementation of Revised AAR Open Top Loading Rules Manuals (OTLR)

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