



Orano Federal Services
Title: Design and Prototype Fabrication of Railcars for Transport of
High-Level Radioactive Material Phase 3 – Prototype Fabrication and Delivery
Appendix C

Doc./Rev.: EIR-3021970-000
Project: 00225.03.0050 DOE Atlas Project

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Atlas Railcar Bill of Material and Vendors



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Atlas Railcar Bill of Material and Vendors Listing

03/19/2019

Atlas or Buffer	Category	KASGRO DWG No.	BOM Item No.	Dwg Number &/or Mfg Part Number	Description	Comment	Quantity per Car	Quantity Ordered	Unit	Vendor	Kasgro PO No.	Status	Form 69 or KAS #	PIR File Name	CLIN 3, Event #
Atlas	Kasgro Consumable Item	1155-1	2-4	N/A	7/8"-9 NC BOLT X 3" LG		24	24	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1	2-5	N/A	7/8"-9 NC NYL INS LOCKNUT		24	24	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1	3-120A	N/A	5" x To Suit x 0"-11"		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1	3-140	N/A	1155-38		1	1	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-10	3-15	N/A	PL 1 1/2 x 128" x 48" A572 Gr 60		1	1	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-10	3-16	N/A	PL 2" x 16" x 11' 8 11/16" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-10	3-17	N/A	PL 1 1/4 x 8 1/4 x 16' 2 3/16" A572 Gr 60		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-10	3-18	N/A	PL 1 1/4 x 8 1/4 x 16' 2 3/16" A572 Gr 60		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-11	3-33	N/A	PL 1" x 8 1/4" x 7 1/4" A572 Gr 60		12	12	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-11	3-76	N/A	PL 1" x 7 1/2" x 1' 4 3/8" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-11	3-19	N/A	PL 3/4" x 10 11/16" x 5 1/2" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-11	3-20	N/A	PL 3/4" x 9 11/16" x 5 1/2" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-11	3-22	N/A	PL 3/4" x 8 3/4" x 5 1/2" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-11	3-24	N/A	PL 1/2" x 10" dia A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-11	3-107	N/A	PL 1" x 3" x 10" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-11	3-109	N/A	10" dia x 2 1/2" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-12	3-26	N/A	PL 2 1/2" x 70" x 13' 8 5/16" A572 Gr 60		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-13	3-27	N/A	PL 1 1/4 x 8 7/16 x 11' 3/16" A572 Gr 60		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-13	3-28	N/A	PL 1 1/4 x 8 7/16 x 11' 3/16" A572 Gr 60		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-14	3-32	N/A	PL 3" x 12 3/16" x 3' 2 1/16" A572 Gr 60		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-14	3-29	N/A	PL 1" x 19 3/4" x 8' 5 7/16" A572 Gr 60		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-14	3-30	N/A	PL 1" x 20 1/4" x 8' 5 7/16" A572 Gr 60		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-14	3-31	N/A	PL 3" x 12 3/16" x 3' 2 1/16" A572 Gr 60		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-15	3-34	N/A	PL 2 1/2" x 16" x 17' 6 3/8" A572 Gr 60		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-16	3-35	N/A	PL 2" x 70" x 8' 3 1/8" A572 Gr 60		1	1	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-16	3-36	N/A	PL 3" x 12 3/16" x 3' 2 1/16" A572 Gr 60		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-16	3-37	N/A	PL 3" x 12 3/16" x 3' 2 1/16" A572 Gr 60		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-17	3-39	N/A	PL 1" x 13 7/8" x 3' 3 11/16" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-17	3-40	N/A	PL 1" x 13 7/8" x 2' 4 7/16" A572 Gr 60		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-17	3-75	N/A	TS 4 x 4 x 1/2 x 9' 3" A500 Gr B		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-17	3-150	N/A	PL 1" x 10" x 2' 4 7/16" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-17	3-151	N/A	PL 1" x 6 1/4" x 2' 4 7/16" A572 Gr 60		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-17	3-152	N/A	PL 1" x 10" x 2' 4 7/16" A572 Gr 60		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2



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Atlas or Buffer	Category	KASGRO DWG No.	BOM Item No.	Dwg Number &/or Mfg Part Number	Description	Comment	Quantity per Car	Quantity Ordered	Unit	Vendor	Kasgro PO No.	Status	Form 69 or KAS #	PIR File Name	CLIN 3, Event #
Atlas	Kasgro Consumable Item	1155-1 1155-17	3-153	N/A	PL 1" x 6 1/4" x 3' 3 11/16" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-17	3-154	N/A	PL 1" x 10" x 3' 3 11/16" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-18	3-45	N/A	PL 1" x 24" x 2' 1 1/8" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-18	3-70	N/A	PL 1" x 8 1/4" x 3' 3 1/2" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-18	3-71	N/A	PL 1" x 8 1/4" x 3' 3 1/2" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-18	3-72	N/A	PL 1" x 7 3/4" x 1' 4" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-18	3-74	N/A	PL 1" x 6 3/4" x 2' 4 7/16" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-24	3-21	N/A	PL 1/2" x 15" x 5' 5" A656 Gr 80		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-36	3-131	N/A	PL 1 1/4" x 7 1/2" x 8 1/4" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-36	3-141	N/A	PL 1 1/4" x 7 1/2" x 8 1/4" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-36 1155-38	3-138	N/A	PL 2 1/4" x 7 1/2" x 7 1/2" A572 Gr 60		8	8	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-37	3-119	N/A	PL 1" x 16" x 3' 2 15/16" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-37	3-137	N/A	PL 1" x 32 3/4" x 3' 4 15/16" A572 Gr 60		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-38	3-139	N/A	PL 5" x 9 11/16" x 7 9/16" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-8	3-10	N/A	PL 2" x 30" x 8' 0" A572 Gr 60		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-8	3-120	N/A	PL 3/4" x 5" x 11" T1		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-1 1155-9	3-11	N/A	PL 7" x 20 5/16" dia 1045		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-16	3-38	N/A	Burn from 1/4" PL A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-17	3-41	N/A	PL 1" x 10" x 3' 3 11/16" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-17	3-42	N/A	PL 1" x 10" x 2' 4 7/16" A572 Gr 60		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-19	3-46	N/A	Angle 1.5 x 1.5 x 1/4" x 5" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-19	3-47	N/A	Bar 1/2" dia x 9' 8 3/4" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-19	3-48	N/A	Bar 2" x 1/2" x 4 1/4" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-19	3-49	N/A	Angle 3 x 3 x 1/4" x 2' A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-19	3-50	N/A	Bar 3" x 1/4" x 3 1/4" A36		8	8	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-19	3-52	N/A	Angle 1.5 x 1.5 x 1/4" x 11 3/4" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-19	3-53	N/A	Bar 1 1/4" x 1/4" x 2 5/8" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-19	3-54	N/A	PL 7 11/16" x 3/8" x 1' 9 1/2" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-19	3-118	N/A	PL 2" x 1/4" x 2 1/2" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-2	1-43	779819-8592	1 1/4" x 59 9/32" hose		3	3		Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-2	1-4	781256	CP 60 Valve		2	2		Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-2	1-43A	779819-8440	1 1/4" x 44" hose		1	1		Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2



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Atlas	Kasgro Consumable Item	1155-20	3-55	N/A	Angle 3 x 3 x 3/8" x 8 7/8" A36		6	6	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-20	3-56	N/A	Bar 3 1/2" x 3/8" x 3 1/2" A36		6	6	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-20	3-57	N/A	Angle 6 x 6 x 3/8" x 6" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-20	3-58	N/A	Angle 2 1/2 x 2 1/2 x 1/4 x 1' 6" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-20	3-59	N/A	Angle 2 1/2 x 2 1/2 x 1/4 x 8" A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-20	3-60	N/A	Angle 3 x 3 x 1/4 x 10" A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-20	3-108	N/A	Bar 4" x 1/4" x 1' 5 1/8" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-21	4-1	N/A	Pipe 3/8" XH x 4' 10 1/2" A53		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-21	4-2	N/A	Pipe 3/8" XH x 3' 11 7/16" A53		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-21	4-3	N/A	Pipe 3/4" XH x 5' 10 9/16" A53		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-21	4-4	N/A	Pipe 1 1/4" XH x 1' 9 1/4" A53		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-21	4-5	N/A	Pipe 3/8" XH x 2' 9 9/16" A53		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-21	4-6	N/A	Pipe 1" XH x 1' 1 9/16" A53		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-21	4-7	N/A	Pipe 3/8" XH x 6' 6 1/2" A53		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-22	4-8	N/A	Pipe 3/4" XH x 7' 5 7/16" A53		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-22	4-9	N/A	Pipe 3/4" XH x 9' 5 5/8" A53		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-23	4-10	N/A	Pipe 1 1/4" XH x 10' 1/16" A53		1	1	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-23	4-11	N/A	Pipe 1 1/4" XH x 4' 10 13/16" A53		1	1	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-23	4-12	N/A	Pipe 1 1/4" XH x 13' 7 15/16" A53		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-23	4-13	N/A	Pipe 1 1/4" XH x 9' 5" A53		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-23	4-14	N/A	Pipe 1 1/4" Std x 10" A53		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-23	4-17	N/A	Pipe 1 1/4" XH x 6' 9 3/4" A53		1	1	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-25	3-77	N/A	Angle 4 x 4 x 3/8 x 1' 11 3/4" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-25	3-78	N/A	Angle 4 x 4 x 3/8 x 1' 11 3/4" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-25	3-80	N/A	BAR 3 3/4" x 3/8" x 11" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-25	3-81	N/A	Bar 4" x 3/8" x 7 1/2" A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-25 1155-40	3-79	N/A	PL 11" x 1/2" x 1' 4 1/2" A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-26	3-82	N/A	BAR 4 1/2 x 1/2 x 2' 9" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-26	3-84	N/A	BAR 2 3/4" x 3/8" x 1' 6" A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-26	3-86	N/A	BAR 3 1/4" x 1/4" x 1' 6" A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-26	3-88	N/A	BAR 3/4" x 1/4" x 1' 6" A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-26	3-89	N/A	BAR 1/2" x 1/4" x 2' 9" A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-26	3-91	N/A	Bar 1/2" x 1/4" x 1' 6" A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2



Orano Federal Services
Title: Design and Prototype Fabrication of Railcars for Transport of
High-Level Radioactive Material Phase 3 – Prototype Fabrication and Delivery
Appendix C

Doc./Rev.: EIR-3021970-000
 Project: 00225.03.0050 DOE Atlas Project

Atlas Railcar Bill of Material and Vendors Listing

03/19/2019

Atlas or Buffer	Category	KASGRO DWG No.	BOM Item No.	Dwg Number &/or Mfg Part Number	Description	Comment	Quantity per Car	Quantity Ordered	Unit	Vendor	Kasgro PO No.	Status	Form 69 or KAS #	PIR File Name	CLIN 3, Event #
Atlas	Kasgro Consumable Item	1155-26	3-92	N/A	Angle 3" x 2" x 3/8" x 1' 6" A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-26	3-159	N/A	BAR 2" x 2" x 5/16" A36		8	8	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-26 1155-26	3-163	N/A	BAR 3" x 4" x 3/8" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-26 1155-40	3-83	N/A	BAR 3" x 5/8" x 2' 8 3/4" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-26 1155-40	3-85	N/A	PL 10 7/8" x 1/2" x 1' 6" A36		8	8	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-26 1155-40	3-87	N/A	Angle 3" x 2" x 3/8" x 1' 6" A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-26 1155-40	3-90	N/A	Angle 2" x 1 3/4" x 3/8" x 2' 9" A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-26 1155-40	3-158	N/A	BAR 1 3/32 dia x 5 3/4" A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-26 1155-40	3-160	N/A	BAR 2" x 2 9/16" x 1" A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-26 1155-40	3-161	N/A	BAR 3 7/8" x 1 3/16" x 1 A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-26 1155-40	3-162	N/A	BAR 1" dia x 2 1/8" A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-27	3-93	N/A	BAR 2 3/4" x 3/8" x 1' 6" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-27	3-95	N/A	BAR 4 1/4 x 1/4 x 1' 6" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-2/1155-40	3-94	N/A	PL 10 1/8" x 3/4" x 1' 6" A36		42	42	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-271155-40	3-97	N/A	BAR 2 1/2 x 7/8" x 3 13/16" A36		22	22	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-271155-40	3-98	N/A	BAR 3/4" x 1/2" x 1' 5/8" A36		22	22	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-271155-40	3-99	N/A	BAR 3/4" x 1/2" x 1' 3 7/16" A36		22	22	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-28 1155-40	3-100	N/A	BAR 3/4" dia x 6' 2 5/8" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-28 1155-40	3-101	N/A	BAR 3/4" dia x 6' 7" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-28 1155-40	3-102	N/A	BAR 3/4" dia x 2' 9" A36 1155-28		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-28 1155-40	3-103	N/A	BAR 3/4" dia x 3' 9" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-29 1155-40	3-104	N/A	18 Ga x 5" x 1' 1 1/4" Stainless		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-3	2-33	N/A	5/16-18 NC 1" Long Bolt		16	16	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-3	2-34	N/A	5/16-18 NC 1" Locknut		16	16	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-3	1-100	N/A	AEI Module & Bracket		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-3	1-101	N/A	4" x 18" reflectors		22	22	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-3	1-200	566D238	Emergency Placard		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-3	1-201	N/A	Builder Badge		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-3	3-131	N/A	PL 11 1/2 x 3/16 x 1' 6" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-3	3-132	N/A	PL 8 7/8 x 3/16 x 3' 0 3/8 A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-3	3-133	N/A	PL 8 7/8 x 3/16 x 3' 6 3/8 A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-3	3-157	N/A	PL 16" x 1/4 x 10 A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-30	1-103	N/A	1/2-13 NC x 1 1/2" Lg SLCS		12	12	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2



Orano Federal Services
Title: Design and Prototype Fabrication of Railcars for Transport of
High-Level Radioactive Material Phase 3 – Prototype Fabrication and Delivery
Appendix C

Doc./Rev.: EIR-3021970-000
 Project: 00225.03.0050 DOE Atlas Project

Atlas Railcar Bill of Material and Vendors Listing

03/19/2019

Atlas or Buffer	Category	KASGRO DWG No.	BOM Item No.	Dwg Number &/or Mfg Part Number	Description	Comment	Quantity per Car	Quantity Ordered	Unit	Vendor	Kasgro PO No.	Status	Form 69 or KAS #	PIR File Name	CLIN 3, Event #
Atlas	Kasgro Consumable Item	1155-30	3-121	N/A	BAR 1/2" x 4" dia		6	6	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-30 1155-39	3-135	N/A	BAR 2 1/4" x 1 1/2" x 2 1/2" A572 Gr 50		6	6	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-30 1155-39	3-138	N/A	TS 4 3/8" OD x 3 7/8" ID x 8" 1026		6	6	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-30 1155-39	3-139	N/A	TS 4 3/8" OD x 3 7/8" ID x 7 3/4" 1026		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-30 1155-39	3-140	N/A	TS 5 3/8" OD x 3 7/8" ID x 1' 1026		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-30 1155-39	3-141	N/A	BAR 1 1/2" dia x 10 3/4" 1045		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-30 1155-39	3-142	N/A	BAR 1 1/2" dia x 2' 5 3/16" 1045		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-31	3-110	N/A	Angle 4" x 4" x 3/8" x 2' 9" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-31	3-111	N/A	Angle 4" x 4" x 3/8" x 2' 9" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-31	3-114	N/A	Angle 4" x 3" x 3/8" x 1' 1 1/2" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-31	3-115	N/A	Angle 4" x 3" x 3/8" x 1' 1 1/2" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-31	3-116	N/A	BAR 8" x 3/8" x 8" A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-33	3-124	N/A	Angle 2" x 2" x 1/4" x 1' 5" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-33	3-125	N/A	Angle 2" x 2" x 1/4" x 1' 5" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-33	3-126	N/A	Angle 2" x 2" x 1/4" x 7 1/2" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-33	3-127	N/A	Angle 2" x 2" x 1/4" x 7 1/2" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-33	3-128	N/A	Angle 2" x 2" x 1/4" x 7 1/2" A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-33	3-129	N/A	PL 9 7/8" x 3/8" x 11 1/4" A36		6	6	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-33	3-130	N/A	C4 @ 7.25 x 5 1/2" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-33	3-152	N/A	PL 1/4" x 8 1/8" x 9 1/4" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-39	3-133	N/A	PL 6" x 3/8" x 6" A36		6	6	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-39	3-134	N/A	BAR 2 1/4" x 1" x 3" A572 Gr 50		6	6	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-39	3-136	N/A	BAR 1/2" dia x 1 2/4" A36		12	12	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-39	3-137	N/A	BAR 2 1/8" x 1/4" x 3 1/4" A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-39	3-137A	N/A	BAR 2 1/8" x 1/4" x 4 1/4" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-4	2-3	N/A	5/8" DIA BEVEL WASHER		8	8	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-4	2-27	N/A	5/8-11 NC Bolt 1 1/2 Lg		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-4	2-28	N/A	5/8-11 NC Bolt 2 1/4 Lg		16	16	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-4	3-131	N/A	1155-5		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-41155-40	2-1	N/A	5/8"-11 NC BOLT X 2 1/4" LG		2820	2820	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-41155-40	2-2	N/A	5/8"-11 NC NYLINS LOCKNUT		7020	7020	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-4 1155-5	3-1	N/A	CHK PL 103 x 3/8 x 6' 2 15/16 A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-4 1155-5	3-2	N/A	C 8 @11.5 x 11-5" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2



Orano Federal Services
Title: Design and Prototype Fabrication of Railcars for Transport of
High-Level Radioactive Material Phase 3 – Prototype Fabrication and Delivery
Appendix C

Doc./Rev.: EIR-3021970-000
 Project: 00225.03.0050 DOE Atlas Project

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03/19/2019

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Atlas	Kasgro Consumable Item	1155-4 1155-5	3-3	N/A	C 8 @11.5 x 11-5" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-4 1155-5	3-4	N/A	C 8 @11.5 x 8' 8 1/2" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-4 1155-6	3-5	N/A	Bar 4" x 1/2" x 3' 10 3/4" A36		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-4 1155-6	3-6	N/A	BAR 5" x 1/4" x 0'10" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-4 1155-6	3-8	N/A	TS 4" x 4" x 1/4" x 8' 8 1/2" A500		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-4 1155-6	3-9	N/A	TS 4" x 3" x 1/4" x 8' 8 1/2" A500		8	8	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-40	2-30	N/A	5/16-18 NC Bolt x 3" Lg		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-40	2-31	N/A	5/16-18 NC Locknut		12	12	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-40	2-32	N/A	5/16-18 NC bolt x 2 1/2" Lg		8	8	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-40	3-96	N/A	1155-27		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-40	2-6	N/A	1/2"-13 NC NYL INS LOCKNUT		56	56	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-40	2-7	N/A	3/8"-13 NC NYL INS LOCKNUT		36	36	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-40	2-12	N/A	1/2"-13 NC BOLT X 2" LG		32	32	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-40	2-24	N/A	1/2"-13 NC SLCS X 2 3/4" LG		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-40	3-110	N/A	1155-29		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-40	3-111	N/A	1155-29		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-40	3-132	N/A	Angle 2" x 2" x 3/8" x 1'6"		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-5	3-132	N/A	CHK PL 103 x 3/8 x 4' 11 15/16 A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-6	3-7	N/A	BAR 2 1/4" x 1/4" x 0'7 3/4" A36		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-8	3-12	N/A	PL 1 1/4" x 8 1/4" x 1' 4" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-8	3-13	N/A	PL 1 1/2" x 8 1/4" x 1' 4" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	1155-8	3-14	N/A	PL 1 1/2" x 8 1/4" x 9' 1 1/2" A572 Gr 60		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	Various	2-8	N/A	5/8"-11 NC BOLT X 12 1/2" LG		8	8	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	Various	2-9	N/A	5/8"-11 NC BOLT X 2 1/2" LG		12	12	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	Various	2-10	N/A	5/8"-11 NC BOLT X 3" LG		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	Various	2-11	N/A	5/8"-11 NC BOLT X 4 1/2" LG		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	Various	2-13	N/A	1/2"-13 NC BOLT X 4" LG		12	12	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	Various	2-14	N/A	1"-8 NC BOLT X 7" LG		6	6	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	Various	2-15	N/A	1"-8 NC NYL INS LOCKNUT		6	6	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	Various	2-16	N/A	3/8"-16 NC SLCS X 1"		16	16	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	Various	2-17	N/A	1/2"-13 NC SLCS X 1 1/4" LG		16	16	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	Various	2-18	N/A	1/2"-13 NC SLCS X 1 1/2" LG		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	Various	2-19	N/A	1/2"-13 NC X 1 7/8" LG TEE HEAD BOLT		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2



Orano Federal Services
Title: Design and Prototype Fabrication of Railcars for Transport of
High-Level Radioactive Material Phase 3 – Prototype Fabrication and Delivery
Appendix C

Doc./Rev.: EIR-3021970-000
 Project: 00225.03.0050 DOE Atlas Project

Atlas Railcar Bill of Material and Vendors Listing

05/19/2019

Atlas or Buffer	Category	KASGRO DWG No.	BOM Item No.	Dwg Number &/or Mfg Part Number	Description	Comment	Quantity per Car	Quantity Ordered	Unit	Vendor	Kasgro PO No.	Status	Form 69 or KAS #	PIR File Name	CLIN 3, Event #
Atlas	Kasgro Consumable Item	Various	2-20	N/A	3/8"-16 NC BOLT X 1 1/2" LG		36	36	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	Various	2-21	N/A	5/16" X 1 1/2" LG COTTER		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	Various	2-22	N/A	5/8"-11 NC BOLT X 1 1/2" LG		4	4	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	Various	2-23	N/A	1/2"-13 NC BOLT X 2 1/2" LG		8	8	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	Various	2-25	N/A	7/8"-9 NC BOLT X 2" LG		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Consumable Item	Various	2-26	N/A	7/8"-9 NC NYL INS LOCKNUT		2	2	ea	Kasgro Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-1	1-2	TCC-III-60LT	TRUCK SIDE BEARING		12	12	ea	MINER ENT	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-34	517865	3/4 X 3/4 X 3/8 TEE BODY		2	2	ea	WABTEC	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-39	2457	3/4 PIPE ANCHOR		4	4	ea	IRECO	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-40	2356	3/4 WEDGE		4	4	ea	IRECO	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-41	30191	1 1/4 PIPE ANCHOR		18	18	ea	IRECO	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-42	3594X	1 1/4 WEDGE		18	18	ea	IRECO	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-55	539547	3/4 X 3/4 X 3/8 TEE BODY		2	2	ea	NYABCO	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-5	512708	Handle		2	2	ea	NYABCO	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-8	94977	Cotter		2	2	ea	NYABCO	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-9	95495	Branch Pipe Tee		2	2	ea	NYABCO	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-10	577071	Dirt Collector		2	2	ea	NYABCO	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-11	781668	1 3/8" x 22" GH Hose		2	2	ea	NYABCO	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-12	N10077	Reservoir		2	2	ea	NYABCO	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-13	704609	1 1/4" Angle Cock		2	2	ea	NYABCO	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-14	775661	Retaining Valve		2	2	ea	Sloan	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-15	90034-281	Angle Cock "U" Bolt		4	4	ea	ACF	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-16	1-B-3280	Hose Clamp		2	2	ea	ACF	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-17	N/A	1/4" PROOF COIL CHAIN X 24"		2	2	ea	HUSTON GROUP	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-18	N/A	1/4" S-HOOK		2	2	ea	STRATO	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-19	EHS	HOSE SUPPORT		2	2	ea	STRATO	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-20	AAR 300	1 1/4 X 45 DEG STREET ELBOW		2	2	ea	B.M. KRAMER	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-21	AAR 300	1 1/4 COUPLING		2	2	ea	B.M. KRAMER	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-22	FTF20-20G	1 1/4 SWIVEL FITTING		4	4	ea	STRATO	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-23	1-B-3280	HOSE CLAMP		4	4	ea	STRATO	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2	1-27	93840	1/2" GASKET		6	6	ea	WABTEC	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-2 1155-21	1-36	93986	1" GASKET		6	6	ea	WABTEC	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2



Orano Federal Services
Title: Design and Prototype Fabrication of Railcars for Transport of
High-Level Radioactive Material Phase 3 – Prototype Fabrication and Delivery
Appendix C

Doc./Rev.: EIR-3021970-000
 Project: 00225.03.0050 DOE Atlas Project

Atlas Railcar Bill of Material and Vendors Listing

03/19/2019

Atlas or Buffer	Category	KASGRO DWG No.	BOM Item No.	Dwg Number &/or Mfg Part Number	Description	Comment	Quantity per Car	Quantity Ordered	Unit	Vendor	Kasgro PO No.	Status	Form 69 or KAS #	PIR File Name	CLIN 3, Event #
Atlas	Kasgro Stock Inventory Item	1155-2 1155-21 1155-22	1-31	93841	3/4" GASKET		18	18	ea	WABTEC	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-21	1-35	565259	1" SOCKET WELD FITTING		4	4	ea	WABTEC	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-21	1-65	578319	3/8" 90 Deg. Socket Weld Ftg		4	4	ea	AAR Approved Vendor	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-21	1-28	565252	3/8 SOCKET WELD FITTING		8	8	ea	WABTEC	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-21	1-29	93839	3/8 GASKET		12	12	ea	WABTEC	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-21 1155-22	1-30	565256	3/4 SOCKET WELD FITTING		14	14	ea	WABTEC	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-21 1155-23	1-37	565262	1 1/4 SOCKET WELD FITTING		7	7	ea	WABTEC	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-21 1155-23	1-38	94790	1 1/4 GASKET		7	7	ea	WABTEC	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-21 1155-23	1-70	579687	1 1/4 SOCKET WELD NO GASKET		7	7	ea	WABTEC	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-22	1-68	578321	3/4 SOCK WELD FITTING 90 DEG		2	2	ea	WABTEC	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-28	1-45	1026	JAW FOR 3/4" ROD		6	6	ea	WABTEC	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-28	1-46	1078	EYE FOR 3/4" ROD		14	14	ea	WABTEC	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-3	1-63	S1-F-0048	ROUTE CARD BOARD		1	1	ea	ARI	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-3	1-99	22-2716	Defect Card Holder		1	1	ea	CHEEPER	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-4	1-1	S4D-6512 LINE 30	GRAB IRON		8	8	ea	ARI	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-40	1-47	33000-2	INT POWER HANDBRAKE		2	2	ea	AMSTED RAIL	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-40	1-48	1749	8" DIA SHEAVE WHEEL		10	10	ea	AMSTED RAIL	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-40	1-49	600	5 1/2 DIA SHEAVE		4	4	ea	AMSTED RAIL	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-40	1-50	458	CLEVIS		16	16	ea	AMSTED RAIL	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-40	1-51	240	RIVET		16	16	ea	AMSTED RAIL	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-40	1-52	1091-A	JOINER		18	18	ea	AMSTED RAIL	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-40	1-53	18	END LINK		2	2	ea	AMSTED RAIL	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-40	1-54	8028	1 3/32" DIA X 3" BRAKE PIN		6	6	ea	GENERAL	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-40	1-59	N/A	1/2" ALLOY CHAIN X 3'-3"		4	4	ea	HUSTON GROUP	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-40	1-60	N/A	1/2" ALLOY CHAIN X 2'-5"		2	2	ea	HUSTON GROUP	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-40	1-61	N/A	1/2" ALLOY CHAIN X 2'-3"		2	2	ea	HUSTON GROUP	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-40	1-62	SRD-6512 LINE 55	GRAB IRON		2	2	ea	ARI	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	1155-40	1-63	SRD-6512 LINE 55	GRAB IRON		8	8	ea	ARI	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	Various	1-32	578321	3/4 90 DEG SOCKET WELD FITTING		4	4	ea	WABTEC	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	Various	1-33	98903	3/4 X 3/4 X 3/4 TEE BODY		4	4	ea	WABTEC	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	Various	1-56	8031	1 3/32" DIA X 4 1/2" BRAKE PIN		16	16	ea	GENERAL	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	Various	1-57	N/A	5/16" LOCKTITE COTTER		22	22	ea	GENERAL	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2



Orano Federal Services
Title: Design and Prototype Fabrication of Railcars for Transport of
High-Level Radioactive Material Phase 3 – Prototype Fabrication and Delivery
Appendix C

Doc./Rev.: EIR-3021970-000

Project: 00225.03.0050 DOE Atlas Project

Atlas Railcar Bill of Material and Vendors Listing

03/19/2019

Atlas or Buffer	Category	KASGRO DWG No.	BOM Item No.	Dwg Number &/or Mfg Part Number	Description	Comment	Quantity per Car	Quantity Ordered	Unit	Vendor	Kasgro PO No.	Status	Form 69 or KAS #	PIR File Name	CLIN 3, Event #
Atlas	Kasgro Stock Inventory Item	Various	1-58	N/A	1/2" ALLOY CHAIN X 7'-0"		2	2	ea	HUSTON GROUP	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	Various	1-64	539547	3/8 X 3/4 X 3/4 TEE		2	2	ea	WABTEC	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	Various	1-69	578319	3/8 90 DEG SOCKET WELD FITTING		2	2	ea	WABTEC	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	Various	1-83	AAR 300	1 1/4" X 1" REDUCER		6	6	ea	B.M. KRAMER	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	Various	1-84	SCH 80	1" PIPE NIPPLE X 6" LG		2	2	ea	B.M. KRAMER	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	Various	1-85	N/A	1" PIPE COUPLING		4	4	ea	B.M. KRAMER	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	Various	1-86	N/A	3/8" PIPE ANCHOR		2	2	ea	IRECO	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	Various	1-87	N/A	3/8" WEDGE		2	2	ea	IRECO	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	Various	1-11	V-674	BRAKE SHOE		24	24	ea	AIRTEK	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	Various	1-12	TTEF-15W	UNCOUPLING LEVER ASSEMBLY		2	2	ea	ROLLFORM	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	Various	1-13	BB624-RH	#24 BRAKE BEAM RH		6	6	ea	MINER ENT	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	Various	1-14	BB624-LH	#24 BRAKE BEAM LH		6	6	ea	MINER ENT	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	Various	1-15	MSF-289-K2	CENTER PLATE		4	4	ea	MARITIME STEEL	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Kasgro Stock Inventory Item	Various	1-16	MSF-289-K2X	CENTER PLATE		2	2	ea	MARITIME STEEL	N/A	In stock via Minimum Re-Order (MRO) system	N/A	N/A	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	N/A	Plate 1/2 X 96 X 240 A572-60	Cask Car Plate Steel	1	1	ea	Triad Metals	K17-0369	1- KMC-022218-004 / CMTR #822236520	KAS-080	A-PIR Plate 0.5x96x240A572-60	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	N/A	Plate 1/4 X 96 X 240 A36	Cask Car Plate Steel	1	1	ea	Triad Metals	K17-0369	1- KMC-010318-009 / CMTR #821Y01780	KAS-063	A-PIR Plate 0.25x96x240	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	N/A	Plate 3/8 X 96 X 240 A36	Cask Car Plate Steel	1	1	ea	Triad Metals	K17-0369	1- KMC-010318-008 / CMTR #7505858	KAS-062	A-PIR Plate 0.375x96x240	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	N/A	Plate 1/2 X 96 X 240 A656-80	Cask Car Plate Steel	1	1	ea	Triad Metals	K17-0369	1- KMC-010318-007 / CMTR #B7Q3953	KAS-061	A-PIR Plate 0.5x96x240A656-80	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	N/A	Plate 5/8 X 48 X 96 A36	Cask Car Plate Steel	1	1	ea	Triad Metals	K17-0369	1- KMC-040918-002 / CMTR #811A09750	KAS-095	A-PIR Plate 0.625x48x96 A36	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	N/A	Plate 3/4 X 48 X 96 A514	Cask Car Plate Steel	1	1	ea	Triad Metals	K17-0369	1- KMC-010318-001 / CMTR #173P84110	KAS-055	A-PIR Plate 0.75x48x96	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	N/A	Plate 3/4 X 96 X 240 A572-60	Cask Car Plate Steel	2	2	ea	Triad Metals	K17-0369	2- KMC-022218-003 / CMTR #812236570	KAS-079	A-PIR Plate 0.75x96x240	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	N/A	Plate 1-1/4 X 96 X 240 A572-60	Cask Car Plate Steel	1	1	ea	Triad Metals	K17-0369	1- KMC-021318-003 / CMTR #812226570	KAS-071	A-PIR Plate 1.25x96x240	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	N/A	Plate 1-1/2 X 96 X 240 A572-60	Cask Car Plate Steel	1	1	ea	Triad Metals	K17-0369	1- KMC-021318-002 / CMTR #822236570	KAS-070	A-PIR Plate 1.5x96x240	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	N/A	Plate 1 X 96 X 240 A572-60	Cask Car Plate Steel	4	4	ea	Triad Metals	K17-0369	3 - KMC-022218-001 / CMTR #812236530 1- KMC-030718-001 / CMTR #811Y11520	KAS-077 KAS-085	A-PIR Plate 1x96x240	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	N/A	Plate 1 X 96 X 360 A572-60	Cask Car Plate Steel	1	1	ea	Triad Metals	K17-0369	1- KMC-021918-002 / CMTR #812236570	KAS-074	A-PIR Plate 1x96x360	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	N/A	Plate 2-1/4 X 48 X 96 A572-60	Cask Car Plate Steel	1	1	ea	Triad Metals	K17-0369	1- KMC-040918-001 / CMTR #822236570	KAS-094	A-PIR Plate 2.25x48x96 A572-60	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	N/A	Plate 2-1/2 X 96 X 240 A572-60	Cask Car Plate Steel	1	1	ea	Triad Metals	K17-0369	1- KMC-021918-001 / CMTR #822236560	KAS-073	A-PIR Plate 2.5x96x240	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	N/A	Plate 2 X 96 X 240 A572-60	Cask Car Plate Steel	1	1	ea	Triad Metals	K17-0369	1- KMC-021318-001 / CMTR #822236560	KAS-069	A-PIR Plate 2x96x240	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	N/A	Plate 2 X 96 X 360 A572-60	Cask Car Plate Steel	2	2	ea	Triad Metals	K17-0369	1- KMC-030718-002 / CMTR #812236570 1- KMC-030718-003 / CMTR #812236480	KAS-086 KAS-087	A-PIR Plate 2x96x360	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	N/A	Plate 5 X 48 X 96 A572-42	Cask Car Plate Steel	1	1	ea	Triad Metals	K17-0369	1- KMC-0271218-004 / CMTR D2496	KAS-107	A-PIR Plate 5x48x96 A572-42	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	N/A	Plate-Checkered 3/8 X 96 X 240	Cask Car Plate Steel	2	2	ea	Triad Metals	K17-0369	2- KMC-010318-002 / CMTR #U9009	KAS-056	A-PIR Plate=Ckr 0.375x96x240	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	30018956-7	Pin	Cradle Assy Pin	4	4	ea	KD Machine	K18-0174	N/A	N/A	A-PIR 3018956-7	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	30018956-8	Pin	Cradle Assy Pin	4	4	ea	KD Machine	K18-0174	N/A	N/A	A-PIR 3018956-8	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	30018956-9	Plate	Cradle Assy Plate	4	4	ea	KD Machine	K18-0174	N/A	N/A	A-PIR 3018956-9	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	30018956-13	Lug	Cradle Assy Lug	5	5	ea	KD Machine	K18-0174	N/A	N/A	A-PIR 3018956-13	2
Atlas	Purchased Matl	Raw Matl	Raw Matl	30018956-14	Lug	Cradle Assy Lug	8	8	ea	KD Machine	K18-0174	N/A	N/A	A-PIR 3018956-14	2
Atlas	Purchased Matl		1-5	SE67DE01-N	COUPLER	Assy includes pin; Revised from original BOM P/N SE67; SN # 1, SN #10	2	2	ea	McCONWAY	K17-0348	Received 2/6/18	KAS-046	A-PIR SE67DE01-N	2



Orano Federal Services
Title: Design and Prototype Fabrication of Railcars for Transport of
High-Level Radioactive Material Phase 3 – Prototype Fabrication and Delivery
Appendix C

Doc./Rev.: EIR-3021970-000
 Project: 00225.03.0050 DOE Atlas Project

Atlas Railcar Bill of Material and Vendors Listing

03/19/2019

Atlas or Buffer	Category	KASGRO DWG No.	BOM Item No.	Dwg Number &/or Mfg Part Number	Description	Comment	Quantity per Car	Quantity Ordered	Unit	Vendor	Kasgro PO No.	Status	Form 69 or KAS #	PIR File Name	CLIN 3, Event #
Atlas	Purchased Matl		1-7	D-1155-33	TRUCK SPRING SETS	PO shows individual springs making up truck spring set	6	6	ea	Barber Spring/WABTEC	K17-0354	Total 224 springs received 4/10/18 on Form 69	KAS-054	A-PIR 1155-32-1-88 A-PIR 1155-32-1-89 A-PIR 1155-32-1-90 A-PIR 1155-32-1-91 A-PIR 1155-32-1-92 A-PIR 1155-32-1-93 A-PIR 1155-32-1-94 A-PIR 1155-32-1-95 A-PIR 1155-32-1-96 A-PIR 1155-32-1-97 A-PIR 1155-32-1-99	2