

Document Control Update

NGEC Annual Meeting
February 25, 2022



The NGEC will provide national leadership in standardization, acquisition, financing and management of passenger rail equipment.

Tammy Krause

Working Group Updates

- A primer on how to successfully create and implement a TSSSA, Technical Support and Spare Supply Agreement, was created and approved by the TSC and EB on 7/27/2021. It has been renamed the 'Guidance for Long-term Vehicle Service'.
- Best Practices WG completed the Equipment Acquisition and Ownership Recommended Practices Document #305-200. It was approved by the EB on 2/9/2021.
- Equipment Weight WG was created to determine the appropriate weights for each car type. This group has been meeting regularly.
- The Electronics on Trains WG has been working on Revision A of the DTL Hardware specification #305-919 and will be creating the DTL Software specification #305-920 next.



DMU Specifications

- The DMU Specification Revision A was approved by the EB on 1/11/22.
- The DMU Specification was updated to Rev A with 110 changes that were approved by the Working Groups and Technical Subcommittee.



Trainset Specification

- The Trainset Specification Revision B has been reorganized to the correct format and this version is now available.



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Future Plans

- Review the APTA PRESS Standards and Recommended Practices for updates that may require changes to our specifications.
- Update the BiLevel Specification. It is currently at Revision C.4, dated 8/2/2016.



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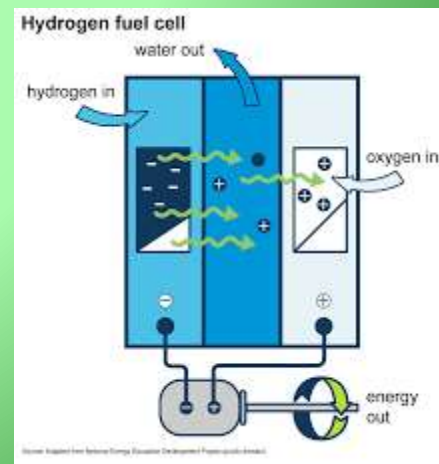
- Review the Metro North Dual Mode Locomotive Specification with respect to the organization of the specification. Consider if these changes should be applied across the family of specifications. This would be an administrative change, not technical.



- Review the use of alternate Carbody materials.
- This issue was raised during the update of the DMU specification.
- Adding additional Carbody materials will require additional information being added to the equipment specifications.



- Review “Emerging Technologies” for alternative propulsion options.



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Review/Update NGENC References and Drawings Series 305-800 and 305-900

SUPPORTING TECHNICAL DRAWINGS			
305-800	IR	Sept. 1, 2011	Single-Level Clearance Drawing
305-801	A	Mar. 21, 2014	Rev. C: Bi-Level Clearance Drawing
305-802	IR	Sept. 1, 2011	Standard Trash Container (Amtrak Part No. 24-045-18737)
305-803	IR	Sept. 1, 2011	Speed Sensor and Cable Assembly
305-804	IR	Sept. 1, 2011	Temperature Probe and Connectors
305-805	IR	Sept. 1, 2011	Axle Single Level Program
305-806	IR	Sept. 1, 2011	Power Transformers
305-807	I R	July 1, 2012	Cab/Baggage Car F-End Pilot Assembly
305-808	IR	Sept. 1, 2011	Emergency Equipment Cabinet Arrangement
305-809	IR	Sept. 1, 2011	Seat Track Reference Dimensions
305-811	IR	Sept. 1, 2011	Food Chiller Units (D-14-906)
305-812	IR	July 20, 2012	Axle Superliner -6 1/2 x 12
B-144	N A	NA	Standard Amtrak Coach Key (J.L. Howard Part No. 2555)

SUPPORTING TECHNICAL SPECIFICATIONS			
305-900	IR	Sept. 1, 2011	Specification for Composition Brake Shoes and Disc Brake Pads
305-901	IR	Sept. 1, 2011	Public Address/Intercom System
305-902	A	July 1, 2012	Specification for Water Systems for use on Amtrak Passenger Vehicles
305-903	IR	Sept. 1, 2011	Flammability, Smoke Emissions and Toxicity for use on Railway Passenger Cars and Locomotive Cabs
305-904	IR	Sept. 1, 2011	Specification for Vendor Maintenance Manuals
305-905	IR	Sept. 1, 2011	Specification for Builder Operating and Maintenance Manual Family
305-906	IR	Sept. 1, 2011	480, 240, 208, and 120 VAC 72VDC Relay and Contactor Panel
305-907	IR	Sept. 1, 2011	Disposable Air Filter
305-908	IR	Sept. 1, 2011	Valve and Exterior Equipment Identification Tags & Labels and Operating Instructions
305-909	IR	Sept. 1, 2011	National On-Board Signage Manual
305-910	IR	Sept. 1, 2011	Schematic, Wiring and Piping Diagram Drawings
305-911	IR	Sept. 1, 2011	Replacement of Copper Waste Piping with Non-Metallic Pipe
305-912	C	Jun 20, 2017	Operational and Environmental Conditions for Rail Rolling Stock
305-913	IR	Sept. 1, 2011	Manufacture and Acceptance of Passenger Seating for Intercity Rail Cars
305-914	IR	April 3, 2012	Side Door Control Panel Design and Function
305-915	IR	July 1, 2012	High Performance Wire and Cable
305-916	IR	July 1, 2012	Environmental & Operating Conditions
305-917	IR	July 1, 2012	480, 240, 208, and 120 VAC 72VDC Switchboard Panels
305-918	IR	July 1, 2012	Food Service Cart
305-919	IR	Sept. 30, 2014	Digital Train Line - Hardware



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Thank You!



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