Section 305 Technical Subcommittee
Progress Report

Charlie King – Chairman
Washington, DC  February 22, 2019
Presentation Summary

• PRIIA 305
• Technical Subcommittee
• TSC Overview
• 2018 Highlights
• 2019 Projects
• How Can We Improve?
PRIIA 305 Technical Subcommittee

• Will develop specifications as requested by the Executive Board.
• Each specification is assigned a Lead to coordinate the process.
• Majority of spec writing done by members of the 6 permanent working groups with support from a technical writer.
Overview

Next-Generation Equipment Committee
Executive Board - Eric Curtit

Support Services (AASHTO) – Steve Hewitt
Accessibility Policy Group
305-209 Capital Equipment Access Plan Subcommittee

Finance and Administrative Subcommittee – Ray Hessinger, Tim Ziethen

Legislative Outreach Task Force
Co: Eric Curtit, MO DOT

Over 250 Industry Participants

Specifications
- Single-level Cars
- Bi-Level Cars
- Diesel-Electric Locomotives
- Trainsets
- DMUs
- Dual-Mode Locomotives

Coordinator: Tammy Krause

Technical Subcommittee – C. King

Accessibility Working Group
Co: Melissa Shurland, FRA

Diesel Exhaust Fluid Working Group
Co: Jennifer Bastian, IDOT

Document Control Management
Co: Michael Burshtin, Amtrak

Future Electronics Working Group
Co: Tom Sisler, SNC-Lavalin

Technical Subgroups (TSWG)

Mechanical Co: Jeff Gordon, FRA
Electrical Co: Tammy Krause
VTI Co: Brian Marquis, Volpe
Structural Co: Anand Prabhakaran, Sharma & Associates
Interior Co: Duncan Copeland, Amtrak
Propulsion Co: Richard Stegner, SNC-Lavalin

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

- The Specification Change Process begins with a single DCR.
- A DCR can be submitted by anyone through the NGEC website.
- When received, the DCR is given a number and sent to the appropriate Technical Subcommittee Working Group.
- After approval by the WG, the DCR is submitted to the whole TSC for approval.
- Next the approved DCR is sent to the Executive Board where a Review Panel is called to verify that the DCR meets the requirements document of the associated specification.
- After the approval of the DCR by the EB Review Panel, the EB votes to approve the DCR.
- If it is approved it will be incorporated in the next revision of the relevant spec and evaluated for possible inclusion in any applicable specifications.
DCR Process

The official long version!
2018 Highlights

• Support Multi-State Car Procurement
• Reissue Bi-Level PRIIA Spec
• Support Current Dual Mode Locomotive Procurement and update the PRIAA Spec
• Revise the Single Level PRIAA Spec
2019 NGEC Tech Agenda

• Multi-State Rail Car Procurement
• Metro North Dual Mode Locomotive Procurement
• Amtrak Locomotive Procurement
• Amtrak AmFleet 1 Replacement Procurement
• Working Group Updates to include
  – Electronics on Trains
  – WiFi
  – AAR
  – DEF
How We Can Improve

• Speed and tracking of the DCR process
• ?