

# Welcome

Mario Bergeron

Amtrak CMO

Chair of the Technical Subcommittee



# Development of Future Corridor Equipment

- Welcome Everyone!
- Overall goals of the Section 305 Committee
- The Role of the Technical Subcommittee
- The need to involve all sectors of industry



22<sup>nd</sup> April 2010

# Bill Bronte

Chief, Division of Rail, Caltrans

Chairman NGEC Executive Committee

[bill\\_bronte@dot.ca.gov](mailto:bill_bronte@dot.ca.gov)



# Who Is the Technical Sub-Committee?

- Chair – Mario Bergeron, Amtrak CMO
- Vice Chair – Dale Engelhardt, Amtrak DCMO
- Admin Support – Steve Hewitt, AASHTO
- Membership
  - Amtrak
  - FRA
  - State DOT

# What Are Our Goals?

- Delivery of a bi-level car specification by July 2010
- Delivery of a Single level car specification by December 2010
- Delivery of a high speed diesel locomotive specification by December 2010
- Readiness for procurement in 2011
- Move on to further equipment types in due course

# What Are Our Objectives to Meet Those Goals?

- Standardized approach to equipment across the country
- A modular approach to what is acquired
- Facilitation of domestic manufacturing and job creation
- Avoiding the costly approach seen in the transit industry

# What Does All That Mean?

- That is what we are going to find out
- If we had the answers already, we wouldn't be here
- We want everyone to contribute ideas and processes
- We recognize some outcomes might be harder than others
- Let's all work together to get it right

# Goals and Milestones

Dale F. Engelhardt-Amtrak

PRIIA 305

April 22, 2010





# PRIIA Goals

Through the Integration of Knowledge from Amtrak, State DOTs, and Manufacturers, Standardize and Develop Commuter Rolling Stock Equipment Specifications.

Through the Use of This Process Develop Rolling Stock Requirements that will:

1. Simplify and Standardize Rolling Stock for All Operators
2. Increase Demand
3. Reduce Costs
4. Entice Manufacturers Back Into the US

## PRIIA 305 Goals

- Design Standardization
  - Cars suitable for Amtrak, State Utilization
  - Common components where feasible
- Seamless Exchange of Equipment When Required
- Identical Components for Vehicle Repair
  - Minimization of Inventories
  - Ability to Exchange Components between Agencies

## PRIIA 305 Goals

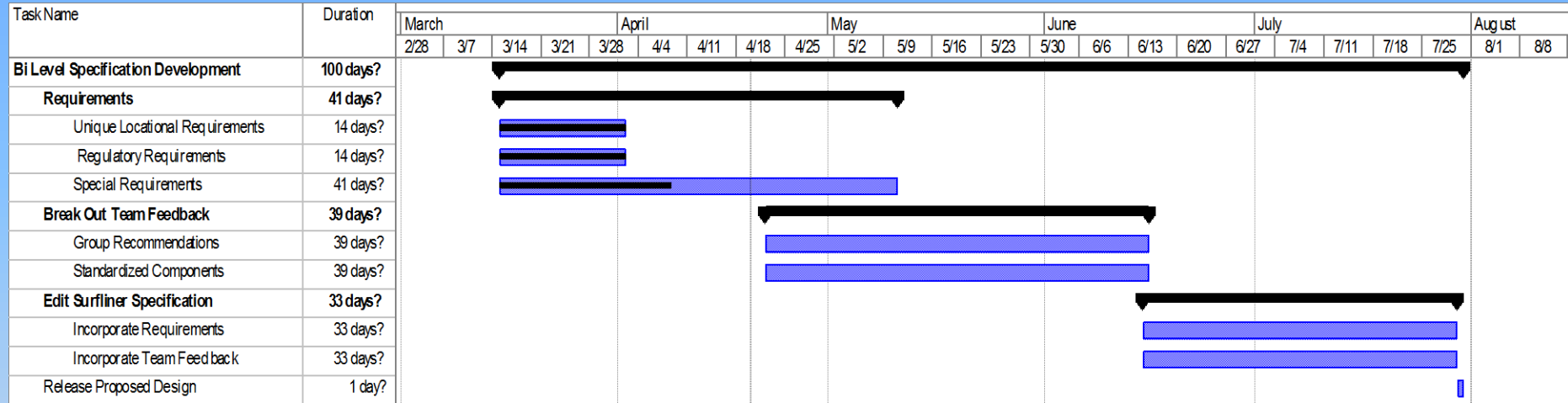
- Standardization
  - Evaluate and Identify Opportunities for Components
  - Modular Component Assemblies
    - Repairs-Cars Returned to Service While Module under Repair
  - Common Shells
    - Coach, Sleeper, Diner?
  - Common Trucks and Under frame
    - Bi-Level and Single Level?

*“Out of the Box Approaches”*

# PRIIA 305 Milestones

- Format
  - Microsoft Project
- Inputs
  - Results and Recommendations from Breakout Team
  - Performance History
  - State Requirements
- Bi-level Specification
  - California Surfliner Specification Under Consideration as Strawman

# Proposed Bi-Level Timeline



## PRIIA 305 Milestones

*“Project Plan Integrating Inputs and Formation of  
Timeline to Achieve Target Dates”*

*Bi-level Coach July 2010*

*Single Level Coach December 2010*

*Diesel Locomotive December 2010*

# Break Out Sessions

Dale F. Engelhardt-Amtrak

PRIIA 305

April 22, 2010



# Break Out Sessions

*Teams are Formed to Discuss 7 Areas Relating to Vehicle Standardization*

*Volunteers Have Been Assigned, Whenever Possible, to Their Team of Choice*

<u>Teams</u>	<u>Team Leaders</u>
Locomotives	Steve Fretwell
Cars	Ken Uznanski
Mechanical	Jeff Gordon
Electrical	Tammy Krause
Interiors	Andrew Wood
Structural	Eloy Martinez
VTI	John Tunna



# Break Out Team Membership

- Locomotives

- Leader Steve Fretwell

- Members

- Jack Madden, NYSDOT
    - Allan Paul, NCDOT
    - Tammy Nicholson, Iowa DOT
    - Leonard Evans, Ohio DOT
    - Norman Forde, STV Inc
    - Rich Stegner, Wabtec
    - Paul Larouche, Bombardier
    - Antonio Garcia Ricos, Vossloh
    - Rick Brilz, Motive Power
    - Michael Latour, Siemens

- Christopher Riley, Cummins Inc
    - John Atkinson, NRE
    - Met Dalipi, Graham White
    - Joel McNeil, Brookeville Eqmt Corp
    - Craig Prudian, EMD
    - Dave Scott, Dave Scott Consulting
    - Bill Lydon, SCRRA
    - Fritz Plous, Corridor Capital

# Break Out Team Membership

- Cars
  - Leader Ken Uznanski
  - Members
    - Charlie Poltenson, NYSDOT
    - Scott Braverman, Corridor Capital LLC
    - Hats Kageyama, Sojitz Corporation of America
    - Joshua Coran, Talgo
    - Bob Haslam, BART
    - Yasuyuki Kudo, Japanese International Transport Institute
    - Michael Weinman, PTSI Transportation
    - George Mekosh, Bombardier
    - Ken Takeda, Kawasaki
    - David Ewing, AASHTO Consultant
    - Art Peterson, PB World
    - Chris Heald, Interfleet Technology
    - Larry Kelterborn, Interfleet Technology
    - Armin Kick, Siemens
    - Jim Breznay, American Railcar Industries

# Break Out Team Membership

- Mechanical - i.e. Carbody, Side Doors, End Doors
  - Leader Jeff Gordon
  - Members
    - Stan Hunter, Caltrans
    - Dean Chiappini, Wabtec
    - Luc St-Laurent, Bombardier
    - Paul Jamieson, Wabtec

# Break Out Team Membership

- Electrical - i.e. HVAC, HEP Cables and Connections, Control Cabling
  - Leader Tammy Krause
  - Members
    - Michael Moreau, Bombardier

# Break Out Team Membership

- Interiors – i.e. Restroom Modules, Seats, Carpeting, Glazing, Luggage Storage
  - Leader Andrew Wood
  - Members
    - Gene Germaine, Kustom Seating Unlimited Inc
    - Andre Gagne, Bombardier
    - James Michel, HNTB
    - Paul Winkler, Siemens
    - Jim Coston, Corridor Capital

# Break Out Team Membership

- Structural – Underframe, Drawbar, Coupler
  - Leader Eloy Martinez
  - Members
    - Hugues Gregoire, Bombardier
    - George Creighton, Trinity Rail
    - Tom Hunt, Nippon Sharyo
    - Dave Ward, Alstom
    - Glen Gough, Siemens
    - Al Beiber, STV Inc (unable to attend)

# Break Out Team Membership

- VTI – Trucks, Wheel Slip Systems, Wheel axle assemblies, brake actuators
  - Leader John Tunna
  - Members
    - Curtis McDowell, NCDOT
    - Brian Marquis, Volpe
    - Bill Saddler ,Wabtec
    - Bill Slater ,Wabtec
    - Nathan Heisler, Bradken
    - Deep Santangi, Bradken
    - Phil Strong, PS Consulting
    - Eric Labonville, Bombardier
    - Matt Lawler, Columbus Castings
    - Tom Owens, Ohio Rail Development Commssioner
    - Richard Vadnal, Nippon Sharyo

# Break Out Summary

*If You Have Not Been Assigned to a Team Please  
Contact Dale F. Engelhardt and Join a Team*



22<sup>nd</sup> April 2010



# Wrap Up Points

- Thank you all!
- What comes next?
  - If you are in a group, please commit to that group for the duration of the process
  - Teams are to meet every one/two weeks to ensure that progress is made on the topic area
  - The first goal is the bi-level car. Input from the groups is required by June 16<sup>th</sup> 2010 in order to get into the July specification

# Wrap Up (cont.)

- Momentum is key to this process
- Team Leaders to provide a synopsis of the day and the chart data from their team to Steve Hewitt
- When teams need input from other teams, highlight that early so the other teams can respond
- Project plan for each team to be concluded by end of April.

# Wrap Up (cont.)

- Technical Committee conference call will be every three weeks. All are welcome to call in.
- Invitations will be sent to all attendees with call in details
- Specification data is in an online dropbox until it can be migrated to the website
  - Invitation will be sent by Chris Heald if you want it
- Dale will be the contact point for all team leaders and can be reached at [engelhd@amtrak.com](mailto:engelhd@amtrak.com) or call 312-505-5340



[www.highspeed-rail.org](http://www.highspeed-rail.org)

NGEC Link on the left

