

Passenger Safety Track Vehicle Interaction

Review and Summary of Issues

Presented to
RSAC Main Body

May 18, 2006

Item	Issue	Tech. Resp.	Tech Work	TF AIP	Draft Text	TF Rec	WG App	Inform APTA
G1-1	Wheel Flange Angle	APTA	🕒					
G1-2	Wheel Conicity	APTA	🕒					
G1-3	Truck Equalization	APTA	🕒					
G2	VQT - IWS	TSG	✓	✓	🕒			
	Route	TSG	✓	✓	🕒			
	Simulations (Route, MCAT)	TSG	✓	✓	🕒			
	Accerometer	TSG	✓	✓	🕒			
	Submittals/Approval	TSG	🕒		🕒			
G3-1	213/238 Consolidation	TF	✓	✓	✓	🕒		
G3-2	Carbody Acceleration	TSG	✓	✓	🕒			
	Truck Acceleration	TSG	✓	✓	🕒			
	In-Service Monitoring (IWS, ACC)	TSG	✓	✓	🕒			
	In-Service Monitoring (TGMS)	TSG	✓	✓	🕒			
	Reporting	TSG			🕒			
G3-3	NAL	TSG	✓	✓	🕒			to do
	SWVL ratio	TSG	✓	✓	🕒			to do
	Review All W/R Forces	TSG	✓	✓	🕒			to do
G4	Review Track Geometry Limits	TSG	🕒					
	Track Geometry - Vehicle Performance	TSG	🕒					
	Short Warp Limits	TSG	🕒					
	Track Geometry and Cant Deficiency	TSG	🕒					
	Simulation - MCAT	TSG	🕒					
G5	Cant Deficiency Regulatory Process	TSG	✓	✓	🕒			
	Lean Test	TSG	✓	✓	🕒			
G6	Elimination Class 9	TF	✓	✓	✓	🕒		
	Reduce Class 8 to 150 mph	TF	✓	✓	✓	🕒		

✓ Work Completed

🕒 Work in Progress

🕒 Depends on Other Work