December 2014 - Original 15 day version (Consider DRAFT)

HWY	Pre-Prep Cycle	Preconditioning Cycle	Idle/Soak	Emissions Cycle			EOT
PHEV	If a non-button CI test, set SOC_i to lowest UDDS level	(1) CS Cycle (2) **No** WC driver selectable modes (Normal/default modes)	15 sec idle WC driver selectable modes (incl CI)	HWY WC driver selectable modes (incl CI)			±1%FC or J1711-AppC or > 0 if CI
HEV CS		WC driver selectable modes	WC driver selectable modes	WC driver selectable modes			±1%FC or J1711-AppC
US06							
PHEV CS/CI	If a non-button CI test, set SOC_i to lowest UDDS level	(1) CS Cycle (2) **No** WC driver selectable modes (Normal/default modes)	1 - 2 min Idle WC driver selectable modes (incl CI)	US06 WC driver selectable modes (incl CI)			±1%FC or J1711-AppC or > 0 if CI
HEV CS		WC driver selectable modes	WC driver selectable modes	WC driver selectable modes			±1%FC or J1711-AppC
SC03							
PHEV CS/CI	If a non-button CI test, set SOC_i to lowest UDDS level	(1) CS Cycle (2) **No** WC driver selectable modes (Normal/default modes)	9 - 11 min soak	SC03 WC driver selectable modes (incl CI)			±1%FC or J1711-AppC or > 0 if CI
HEV CS		WC driver selectable modes		WC driver selectable modes			±1%FC or J1711-AppC
UDDS					Idle/Soak	Emissions Cycle	EOT
PHEV CS/CI	If a non-button CI test, set SOCi to lowest UDDS level	(1) CS Cycle (2) WC driver selectable modes **(incl CI)** and start in CS (3) May run 1 or more UDDS's to meet ±1% FC EOT	12 - 24 hr cold soak May set SOCi to meet ±1%FC EOT	Cold Start UDDS WC driver selectable modes (incl CI)	9 - 11 min soak	Hot Start UDDS WC driver selectable modes (incl CI)	±1%FC or J1711-AppC or > 0 if CI
HEV CS		(1) WC driver selectable modes (2) May run 1 or more UDDS's to meet ±1% FC EOT	May set $SOC_i$to meet ±1%FC EOT	WC driver selectable modes	9 - 11 min soak	WC driver selectable modes	±1%FC or J1711-AppC

Suggestions on December 2014 - 15 day version (Consider DRAFT)

HWY	Pre-Prep Cycle	Preconditioning Cycle	Idle/Soak	Emissions Cycle		EOT
PHEV	If a non-button CI test, set SOCi to target lowest UDDS level before emissions cycle[(1)]	(1) CS Cycle (2) If CI test **with** CI button, no WC driver selectable modes. Otherwise (CS test) select WC mode (excluding CI button)	15 sec idle WC driver selectable modes (incl CI)	HWY WC driver selectable modes (incl CI)		±1%FC or J1711-AppC or > 0 if CI
HEV CS		WC driver selectable modes	WC driver selectable modes	WC driver selectable modes		±1%FC or J1711-AppC
US06						
PHEV CS/CI	If a non-button CI test, set SOCi to target lowest UDDS level before emissions cycle	(1) CS Cycle (2) If CI test **with** CI button, no WC driver selectable modes. Otherwise (CS test) select WC mode (excluding CI button)	1 - 2 min Idle WC driver selectable modes (incl CI)	US06 WC driver selectable modes (incl CI)		±1%FC or J1711-AppC or > 0 if CI
HEV CS		WC driver selectable modes	WC driver selectable modes	WC driver selectable modes		±1%FC or J1711-AppC
SC03						
PHEV CS/CI	If a non-button CI test, set SOCi to target lowest UDDS level before emissions cycle	(1) CS Cycle (2) If CI test **with** CI button, no WC driver selectable modes. Otherwise (CS test) select WC mode (excluding CI button)	9 - 11 min soak	SC03 WC driver selectable modes (incl CI)		±1%FC or J1711-AppC or > 0 if CI
HEV CS		WC driver selectable modes		WC driver selectable modes		±1%FC or J1711-AppC
UDDS					**Idle/Soak**	**Emissions Cycle** / **EOT**
PHEV CS/CI	If a non-button CI test, set SOCi to target lowest UDDS level before emissions cycle	(1) CS Cycle (2) If CI test **with** CI button, no WC driver selectable modes Otherwise (CS test) select WC mode (excluding CI button) (3) May run 1 or more UDDS's to meet ±1% FC EOT	12 - 24 hr cold soak May set SOCi to meet ±1%FC EOT	Cold Start UDDS WC driver selectable modes (incl CI)	9 - 11 min soak	Hot Start UDDS Select WC modes (incl CI) / ±1%FC or J1711-AppC or > 0 if CI
HEV CS		(1) WC driver selectable modes (2) May run 1 or more UDDS's to meet ±1% FC EOT	May set SOC_i to meet ±1%FC EOT	WC driver selectable modes	9 - 11 min soak	WC driver selectable modes / ±1%FC or J1711-AppC

Note: On the above "Pre-Prep Cycle" setting of SOC_i before prep cycle (above), trying to achieve a lower level after the prep cycle and before the emissions run. There is a similar (but not identical) algorithm used in SAE J1711