

Schedule of Head Restraint gtr Phase-2 Informal Working Group Based on WP29/2009/130(Japan) and WP.29-149-30(Japan) Rev.2 (3-Feb-'10)		Year		'08											'09											'10											'11+ (Tentative)*											'12+ (Tentative)*										
		WP29	GRSP	11 (146)	12 (144)	2	3 (147)	4	5 (145)	6 (148)	7	8	9	10	11 (149)	12 (146)	1	2	3 (150)	4	5 (147)	6 (151)	7	8	9	10	11 (152)	12 (148)	1	2	3 (153)	4	5 (154)	6 (149)	7	8	9	10	11 (155)	12 (150)	1	2	3 (156)	4	5 (157)	6 (152)	7	8	9	10	11 (158)	12 (153)						
		General Schedule		TOR Prop osal						ToR Pre appro val						ToR approval				PR #1								PR to WP #1		PR #2				PR to WP #2																								
Informal face-to-face meeting for research/validation and development				#0-1 10- 11th @BAS				GBUM	#0-2 26th @ISO		GBUM	GBUM	GBUM	GBUM	#0-3 6th @NHTSA	#1 7th #UN	GBUM	#2 2-3rd @JP	BR TEG	BR TEG	#3 17th @UN	BR TEG	BR TEG ?	#4 20-21st @BAS		#5 (UN)	#6 (150)		#7 (UN)																													
Research Items		Research Institute		Research/Validation Completion and Submission of Draft Proposal (Estimate)																																																						
V = Research ongoing/planned V(Comp.)= Research completed		Japan	EEVC	NHTSA (US)	Korea	OICA (POB FOAD)	Dummy supplier (Denton/ ETSSI)																																																			
Low Speed Dynamic test for minor neck injury including long term consequ ence (up to WAD2)	Effective height definition		V	V																																																						
	Height requirements		V	V	V																																																					
	Test Conditions Definition (value, conditions)		V	V	V																																																					
	Minor neck injury mechanism		V	V	V																																																					
	Evaluation indicators		V	V	V	V																																																				
	Reference value definition		V	V		V																																																				
	Effects on reduction of injury and cost Effectiveness evaluation		V	V																																																						
	Bio RID II TEG	New HRMD Drawing					V																																																			
		Drawing package (2D and 3D)						V																																																		
		Certification procedures	V	V	V	V	V	V																																																		
Biofidelity		V	V	V																																																						
Repeatability & Reproducibility		V	V		V	V	V																																																			
Sitting method (for standard seat)		V	V			V	V																																																			
Sitting method (for Upright seat)	V	V	V		V	V																																																				
Mid or High speed Dynamic test for other injuries (AIS 2+)	Test Conditions Definition			V																																																						
	Whole vehicle or seat on sled Sled Pulse (value, conditions)			V																																																						
	Other injury mechanism			V																																																						
	Accidents analysis			V																																																						
	Volunteer tests/simulations			V																																																						
	Test method, structure (improve reproducibility)			V																																																						
	Sitting method (reduce variation)			V																																																						
Evaluation indicators			V																																																							
Reference value definition			V																																																							
Effects on reduction of injury and cost Effectiveness evaluation	V	V																																																								

* These timings should be considered as indicative at this moment.
The delivery of regulatory proposals will be dependent upon the completion of a collaborative programme to validate the test tools and protocols.
The informal group will regularly report progress to WP29/GRSP and agree a delivery timeline by the end of 2009.