

Informal document No.**GRSP-45-xx** (45th GRSP, 25-29 May 2009, agenda item 12b))

# Proposal for BioRID II dummy standardization activity for gtr. No.7 phase2

JASIC/Japan

May. 2009



#### Informal Group Activity & Time table

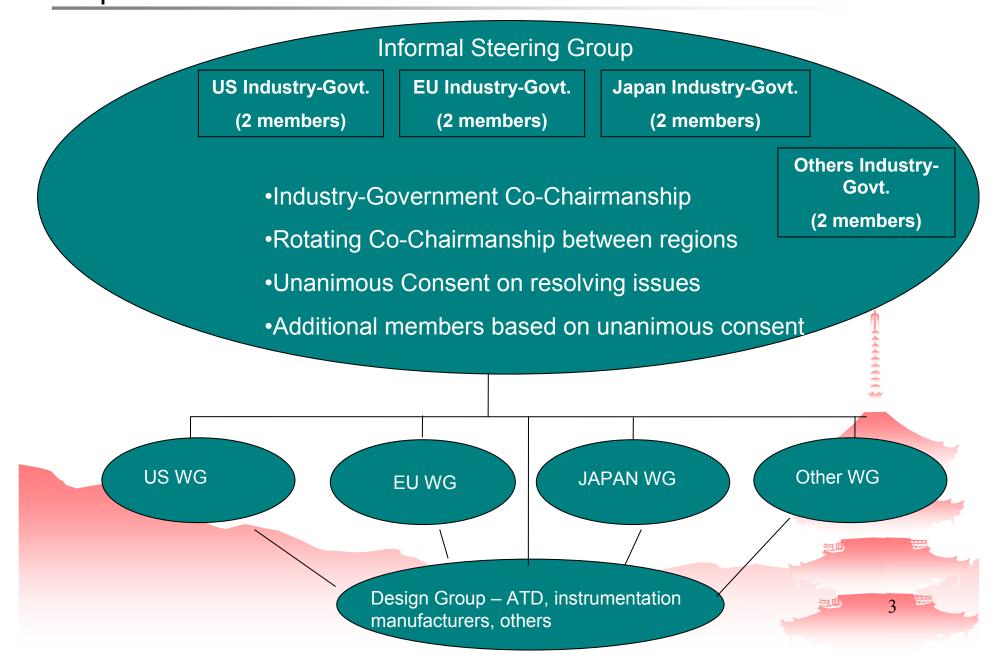


GRSP-45						Year	r '08 '09									'10 '11							11+	(Te	nta	tive	*)*		'12+ (Tentative)*						
(45th GRSP, 25-29 May 2009, agenda item 3(a))						WP29		2	3 (147)		6 (148)	7	ee	11 (149)		3 (150)		6 (151)	9 or 10	11 (152)		3 (153)		6 (154)		11 (155	)		3 (156)		6 (157)		11 (158)		
Time Frame						GRSP	12 (44)		/	5 (45)	(1.0)			(1.0)	12 (46)	(100)	5 (47)	(.0.7		(.02)	12 (48)	,	5 (49)	(.0.,		(100	12		(100)	5 (49)	(101)			12 (50)	
General Schedule								ToR Prop		ToR appr	PR #1					PR #2		PR #3				Ì/D Fina		GR SP			WP 29	(00	Publicati		(10)				(00)
Informal face-to-face meeting for research/validation and developmen						osal	#1 BAS	oval	#2 UN		#3 FSV	#4 Jan		#5 UN		#6 UN		#7		#8		#9		#10	#11 UN		on				_	$\dashv$	+		
	Dev	elopment supported I	by Web	meeting	s to deve	elop regu	latory text		BAS		UIN		LOV	Jap		UIN		UIN				UN		OIN			UIN							$\dashv$	$\dashv$
Research Items				Research Institute					earch/\	/alida	ation (	Comp	letion	and S	Subm	ission	of D	raft P	ropos	al (Es	stimat	e)						1		ı	_				
V = Research ongoing/planned V(Comp.)= Research completed		Japan	EEVC	NHTSA (US)	Korea	Others [Euro NCAP]																													
Head restraint	Effective heigh			V		V										>																	_	$\dashv$	<b>—</b>
neight Low	Height requirer Test Conditions	Whole vehicle or seat on sled	V	V		V	V											>															$\dashv$	$\dashv$	$\top$
Speed Defin	Definition	Sled Pulse (value, conditions)	V	V			V											>															+	$\dashv$	$\top$
Dynamic	Minor neck	Accidents analysis	V	V			V											>															$\neg$	$\dashv$	$\dashv$
test for minor	injury mechanism	Volunteer tests/simulations	٧	٧			V											>																	
neck injury including	Evaluation indicators	Relative movements of upper/lower neck and the force on them	V	V		V	V																	>		Chair :UK Tech. sponsor :Japar									on
long term			V	V		V	V																	>		<del>U</del> U	, I I .	. 3	ho	Ж	50	١.	Jo	ıþ	all
conseque nce (up to	Dummy BioRid II	Calibration Test, structure (improve reproducibility)	V	V	V	V	٧									>																			<i>D</i>
WAD2)	TEG	Sitting method (reduce variation)	V	V	V		V									>																			
	Test Conditions	Whole vehicle or seat on sled			V?																														
Mid or High	Definition	Sled Pulse (value, conditions)			V?																														
speed Dynamic	Other injury mechanism	Accidents analysis Volunteer tests/simulations			V? V?																								Cha	aiı	ا: ۲	IJŀ	(		
test for other	Dummies	Test method, structure (improve reproducibility)			V?																				1	Ге	cł	۱.	sp	on	ıs	or	:U	S	A
injuries (AIS 2+),		Sitting method (reduce variation)			V?																														1
`	Evaluation indi Reference valu				V? V?																														
Cost Effectivenes	ss evaluation		V	V																															

<sup>\*</sup> These timings should be considered as indicative at this moment.

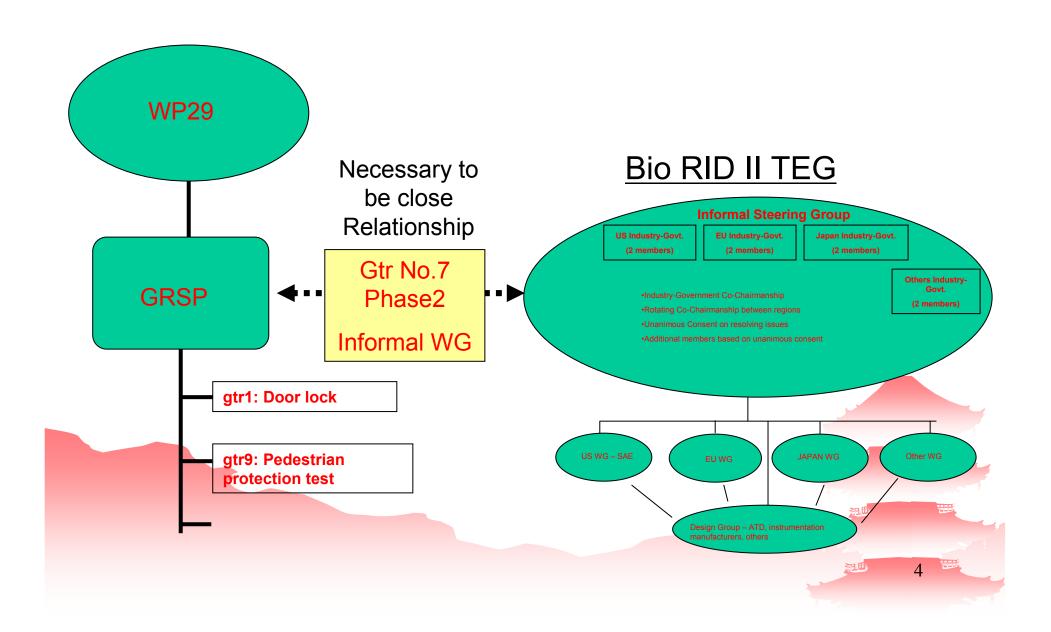
## Proposal to establish Bio RID II Technical Evaluation Group





#### Position of Bio RID II Technical Evaluation Group





#### **Next Action**



- 1. We would like to propose to discuss Bio RID II TEG organization and procedure with our expert at the dummy harmonization meeting at #21 ESV in June.
- 2. Technical discussion will conduct through every month GBUM web meeting.
- 3. After receiving WP29 agreement in June, intermediate web meeting may be held July or September.
- Next face to face meeting at Tokyo in Japan on Oct. 6th Tue. and Oct. 7th Wed, including Bio RID II TEG.



### Thank You for your attention



#### Standardization procedure proposal definition of dummy build level



Using GBUM Organization Infrastructure



"Creating the Standard in Safety Measurement"