

Activity of ISO/TC204/WG14 Vehicle/Roadway Warning and Control Systems

EU-Japan Cooperative ITS Workshop Tuesday, May 15th, 2012 13:00-17:00

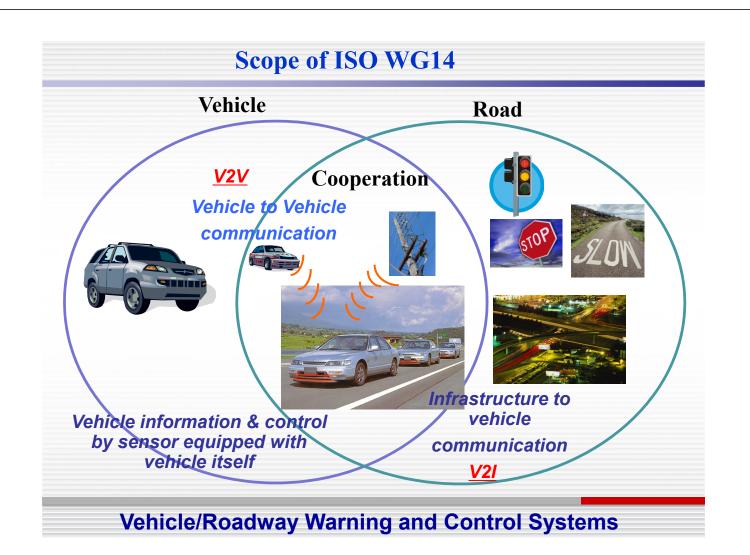
Yousuke Akatsu WG14 Convener (Nissan Motor Co. LTD.)

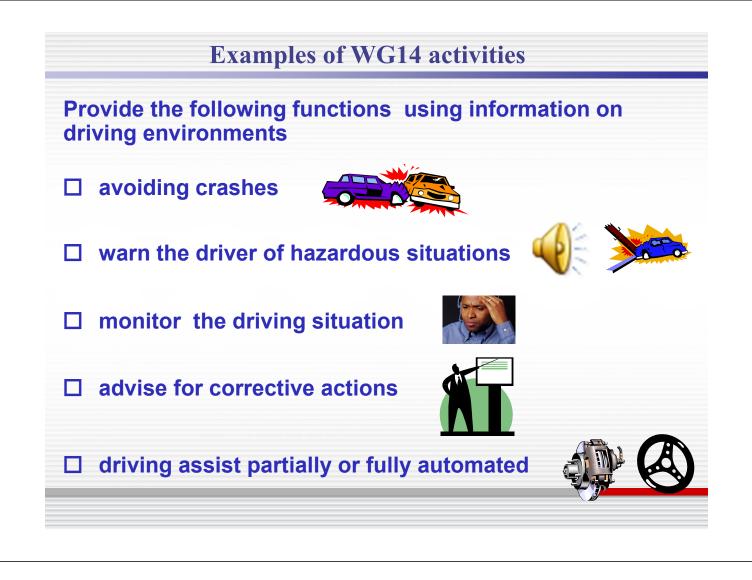
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Introduction of WG14 in ISO TC204

ISO/TC 204 Organization		Working Groups	Lead Country
ISO/TC 204 Chairman		WG 1 : Architecture	United Kingdom
	Secretariat : TIA(USA)	WG 3 : ITS Database Technology	Japan
	(Telecommunications Industry Association)	WG 4 : Automatic Vehicle Identification/ Automatic Equipment Identification	Norway
	industry Association,	WG 5 : Electronic Fee Collection	Sweden
Liaison within ISO/IEC	Liaison with organizations outside	WG 7 : General Fleet Management and Commercial/Freight Operations	Canada
TC 8	ITU-R SG5 (WP5A)	WG 8 : Public Transport and Emergency	United States
TC 22 TC 104	ITU-R SG6 (WP6A) CEN/TC 278	WG 9 : Integrated Transport Information, Management and Control	Australia
TC 154	APEC	WG 10: Traveller Information Systems	United Kingdom
TC 211	IEEE	WG 11: Route Guidance and Navigation Systems	Vacant
ISO/IEC/JTC 1 ISO/IEC/JTC 1/SC 31	OGC UN/CEFACT/TBG 3	WG 14: Vehicle/Roadway Warning and Control Systems	Japan supported b
TC 122-TC 104 JWG	IrDA	WG 15: Dedicated Short-Range Communications	Germany
IEC/TC 9	ETSI/ERM/TG 37	WG 16: Wide Area Communication	United States
· ·	WCO	WG 17: Nomadic Device	South Korea
		WG 18: Cooperative systems	Germany





Active Work Items of ISO WG14

•4 of 7 items have already formed a liaison with other SDOs
•1 of 7 is a candidate for forming a liaison

Work Items	Status	Name of Work Items	Liaison Status
FVCWS	DIS 15623	Forward Vehicle Collision Warning System	ETSI WG1
FVCMS	CD 22839	Forward Vehicle Collision Warning System	ETSI WG1
LKAS	CD 11270	Lake Keep Assist System	
PAS	PWI 16787	Parking Assist System	
CIWS	CD 26684	Cooperative Intersection Warning System	ETSI WG1 ISO WG9, (SAE)
CSWS	NP 11067	Curve Speed Warning System	
CAS	PWI	Cooperative Awareness Application System	Possible to form a liaison



TC204 WG14 TC204 WG18

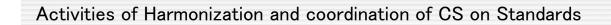
Liaison between ISO TC204 WG14 & ETSI TC ITS WG1



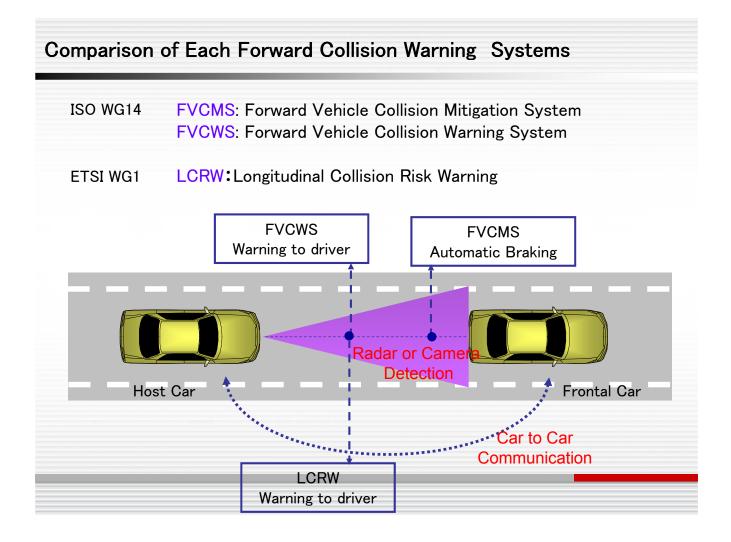
ETSI TC ITS WG1



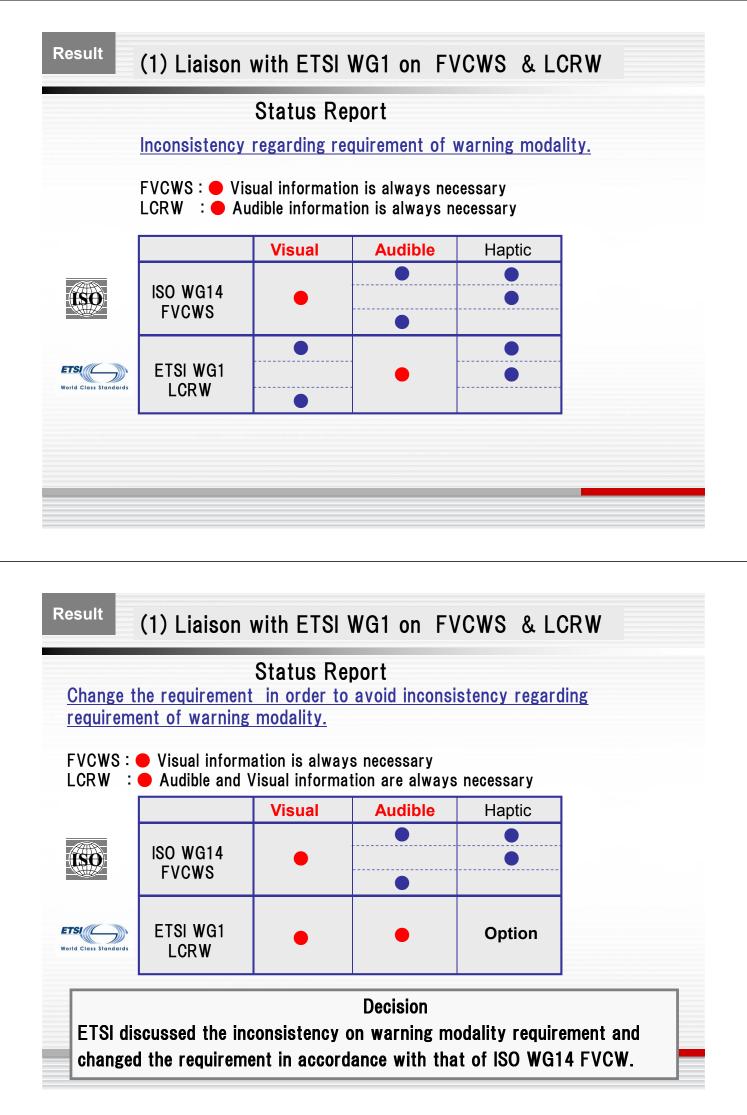
CEN TC 278 WG16

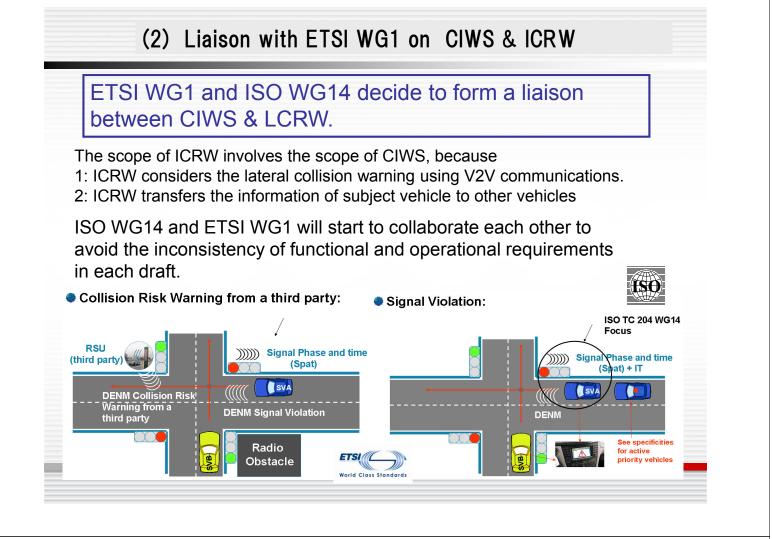






Comparison between FVCWS and LCRW					
		Functionality Operatinality	Sensing Method		
	ISO WG14 FVCMS FVCWS	 Warn the driver of the risk of collision to frontal car Longitudinal alignment of vehicles to issue false positive warnings 	Radar Camera		
	ETSI WG1 LCRW	Functional & Operational Requirement Timing for warning False Alarm	C2C Communication		

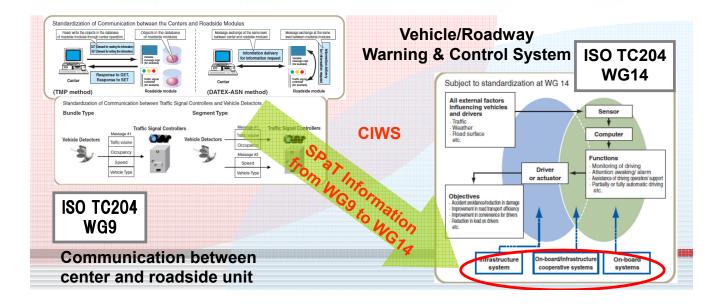


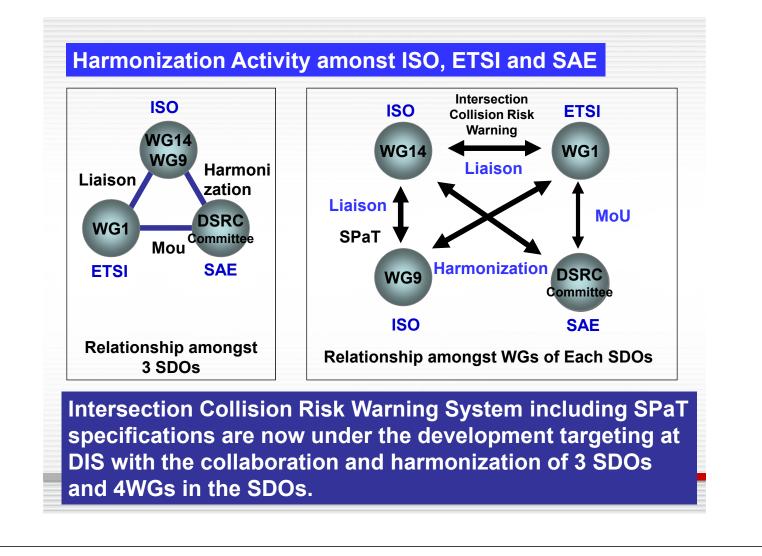


(3) Liaison with ISO TC204 WG9 on CIWS

WG14 started to collaborate with WG9 on CIWS

WG14 invites WG9 expert to contribute to the CIWS draft about the information of traffic signal requirement (SPaT).





Conclusion of ISO WG14 Activity

•ISO WG14 will harmonize with other ISO WGs and SDOs in order to develop compatible standards which enable the development of interoperable systems with the aim of achieving globally accepted standards.

