

INFORMATION
ON
VEHICLE STABILITY CONTROL SYSTEMS

Transmitted by the Government of Germany

Advances in the electronic control of braking systems enables corrective actions to be taken in critical situations with regard to longitudinal and lateral vehicle dynamics – sliding, jack-knifing, rolling over – independent of the driver. The evaluation and response times of such systems are far in excess of those of the most skilled driver, such that corrective action can be taken before the driver is even aware that a critical situation is approaching. Additionally a driver can only operate all the wheel brakes collectively while the vehicle stabilisation function can brake an individual wheel or any combination of wheels and thereby better control the total vehicle in critical situations. Therefore, while such systems can significantly improve vehicle safety and thereby reduce accidents.

Therefore Germany will initiate a proposal within WP29/GRRF to amend ECE Regulation 13 on brakes with the intention to implement a mandatory provision to equip certain vehicles and vehicle combinations with vehicle stability control of systems. The detailed technical requirements to be fulfilled by these systems shall be specified by WP29/GRRF. WP.15 then will be called to specify which of the vehicles intended for the transport of danger goods should correspond to these requirements and which transitional periods will be necessary to enforce these requirements.
