

Motorway traffic related VACS – Lane change/merge assistance systems

System	Description	Sources of info
Cooperative Merging (CM)	Combines automated longitudinal control with V2V or V2I communication to assist the driver in lane changing manoeuvres by creating and maintaining an appropriate gap in the target lane	Tampère et al, 1999; Popescu-Zeletin et al, 2010
Lane Change Decision Aid System (LCDAS)	Supports lane change and merge vehicle manoeuvres to mainly avoid potential collisions	Godbole et al, 1997; Jula et al, 1999, 2000; Smith et al, 2003; Tideman et al, 2007; Visvikis et al, 2008; Popescu-Zeletin et al, 2010; Habenicht et al, 2011; Wan et al, 2011; Bartels et al, 2012; Tomar and Verma, 2012; Knake-Langhorst et al, 2013