Proposal for an amendment of the text on DSSA in document ACSF-05-16

New proposed text in blue.

[5.6.1.7. Data Storage System for ACSF (DSSA)

[5.6.1.7.1. The DSSA shall record the data for situations of driving, ACSF status, the failure and the driver's operation in order to demonstrate that the ACSF had operated properly in align with the relevant requirements, when a vehicle fitted with Advanced Driver Assistance Steering System having ACSF is involved in a road accident. [A video signal that is monitoring the driver shall be included in the recorded data.]

[5.6.1.7.2. It shall be possible that the drivers may switch off the function of recording video signal by driver's intention.]

5.6.1.7.3. The recorded data shall not be volatilized in the DSSA without any deterioration [for at least [6] month].

5.6.1.7.4 The special tools to get access to recorded data shall be specified by the manufacturer.

5.6.1.7.5 The DSSA shall detect, record ~~at least for [5] seconds prior to and [1] second(s) [after an accident.]~~ **and store information with positions and content according to the table in 5.6.1.7.6. The above information shall be easily understandable and accessible, displayed position wise and also in a time sequence event. The information shall be stored with correct time and date for each event and vehicle position time zone.**

5.6.1.7.6 Table of stored information of the DSSA system

Pos.	Action to be recorded	specified in	Timing of storage
1	**Driver attention warning**	**5.6.1.2.6**	**[permanently**
2	**Obstacle detection**	**5.6.1.1.8**	**permanently**
3	**Protective braking**	**5.6.1.6**	**Permanently**
4	**Operational status**	**5.5.2**	**Permanently**
5	**Changes of software**	**5.5.2.1**	**Perm.**
6	**Active or deactivated status**	**5.6.1.1.2**	**Perm.**
7	**Emergency manoeuvre**	**5.6.1.2.5**	**Perm**
8	**Transition demand**	**5.6.1.4**	**Perm.**
9	**Minimal risk manoeuvre**	**5.6.1.5**	**perm**
10	**saved**		
11	**saved**		
12	**saved**		
13	**Vehicle speed when system is active**		**6 month**
13	**Vehicle position**		**6 month]**
N ….	**TBD.**		

Justifications

SE proposes to strike out "at least for [5]…." The reason is that we do not know how to detect or define what an accident is. The Idea is to store information that can be used later on to conform functionality of system and or proper actions by driver when so requested by systems of these levels.

The scope of the table is to clarify the position and what to store so that it can be easy to understand and somehow harmonized were to expect the information to be found. Information should be stored under positions and it should also be possible to recreate a chain of events eg. from the detection of drivers attention, to transition demand, to minimal risk manoeuvre or emergency manoeuvre. All proposed timings are within square brackets.