

(#7th Informal Group dated on 15-17 September)

Submitted by the expert from Japan

AEBS Technical Requirements

Step	Technical requirement	Target	Subject vehicle speed	Target vehicle speed	Minimum speed reduction for the subject vehicle
1	A	Moving	80±2km/h	[30]+4/-0km/h	Not less than [50]km/h
	B	Stationary	80±2km/h	Stationary	Not less than [20]km/h
2	C	Moving	80±2km/h	[10]+4/-0km/h	Not less than [70]km/h
	B	Stationary	80±2km/h	Stationary	Not less than [20]km/h

Explanation:

Technical Requirement A, B, C is a summary in IG discussion.

The speed reduction value is still in square bracket.

And 2nd step approach is proposed in the table.

The 1st step is based on more moderate proposal and the 2nd step is based on more stringent proposal similar to UK proposal proposed in the last IG meeting.

As from the social demand in Japan, we would like to add the requirements for the stationary target in the 1st step.

We still concern that the 2nd step proposal may cause switch-off of AEBS by many drivers in Japan. Therefore it is difficult to adopt the 2nd step proposal as long as it is not justified with enough data. The justification of Technical Requirement A has already been explained for the 1st step. And we need the justification of Technical Requirement C. Necessary justification is the ratio of switch-off in case the technical requirement C is applied to Japanese traffic situations. Especially it is very important to estimate the ratio of switch-off of AEBS in 2nd step proposal.