

13th GRRF INFORMAL GROUP MEETING ON AEBS/LDWS

AEBS: Braking During The Warning Phase

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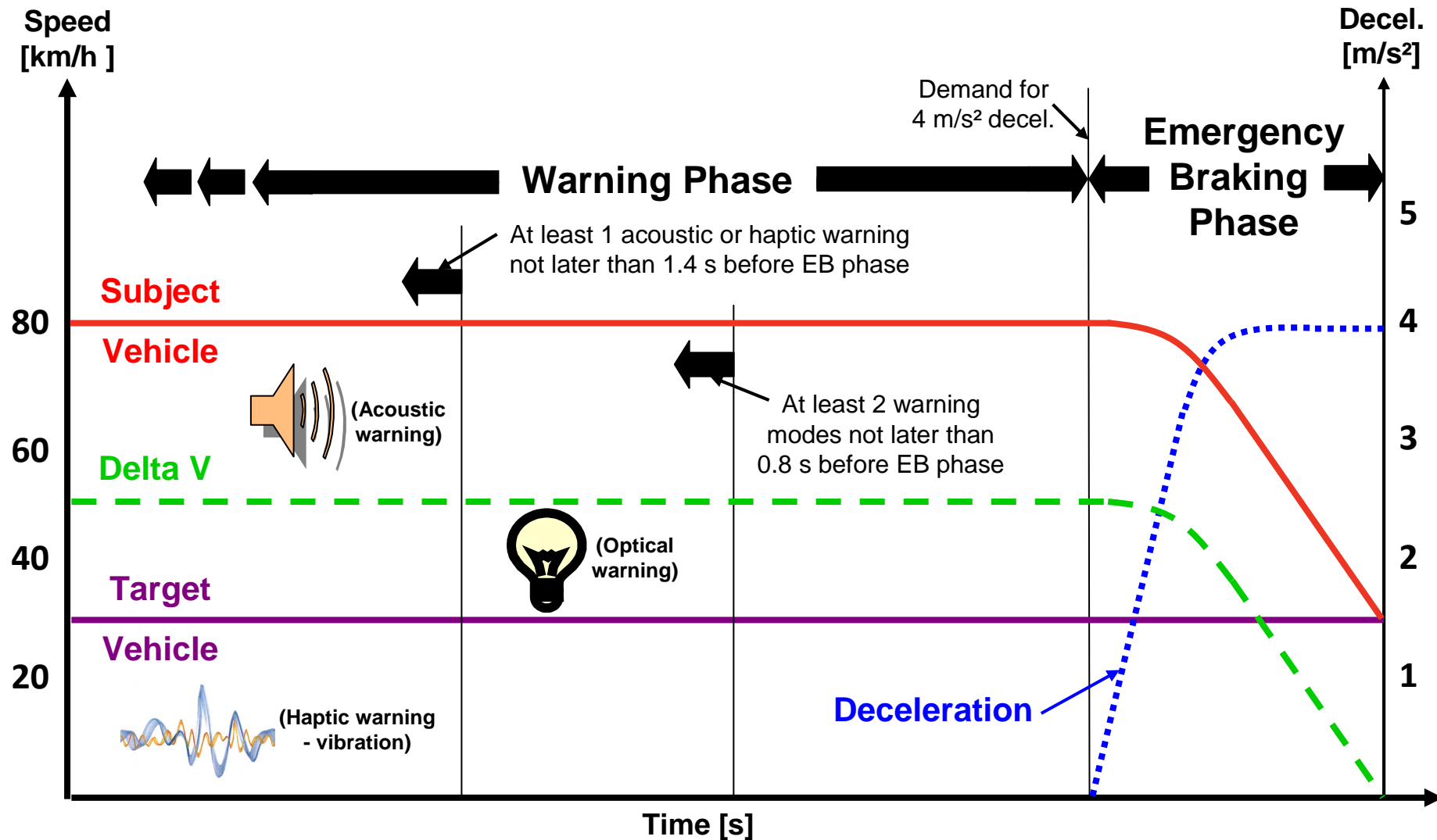
The subsequent diagrams illustrate the following scenarios:

- Braking only in emergency braking phase
- Braking jerk in warning phase
- High level of braking in warning phase
- Brake jerk with increasing deceleration in warning phase

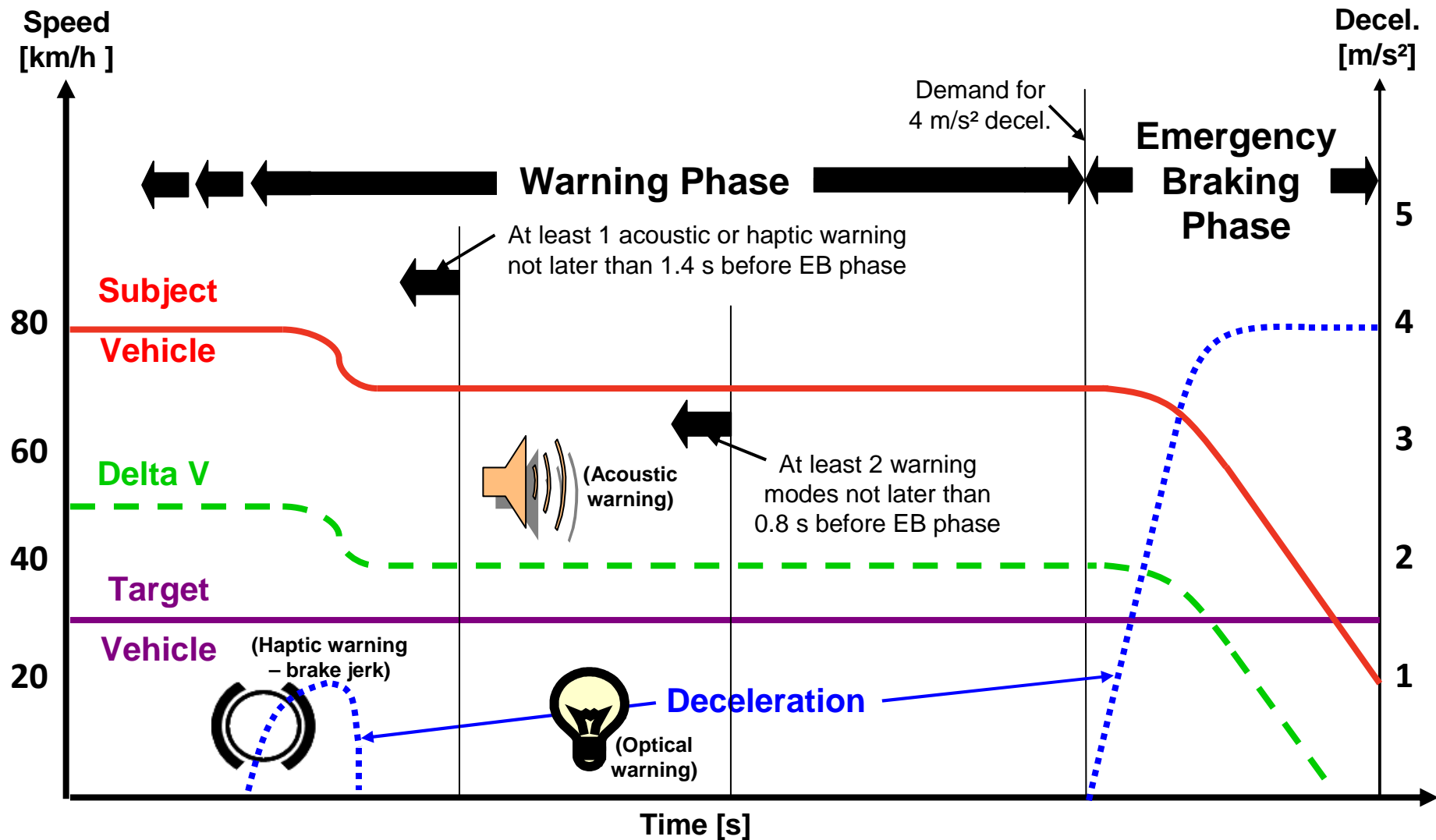
The 1st and 2nd scenarios are considered to be representative of an “emergency braking system”, while the 3rd and 4th scenarios are considered to be representative of systems that the driver could use as a comfort system.

Therefore, to prevent abuse (over reliance), the amount of braking in the warning phase should be controlled to a relatively low level via the regulation.

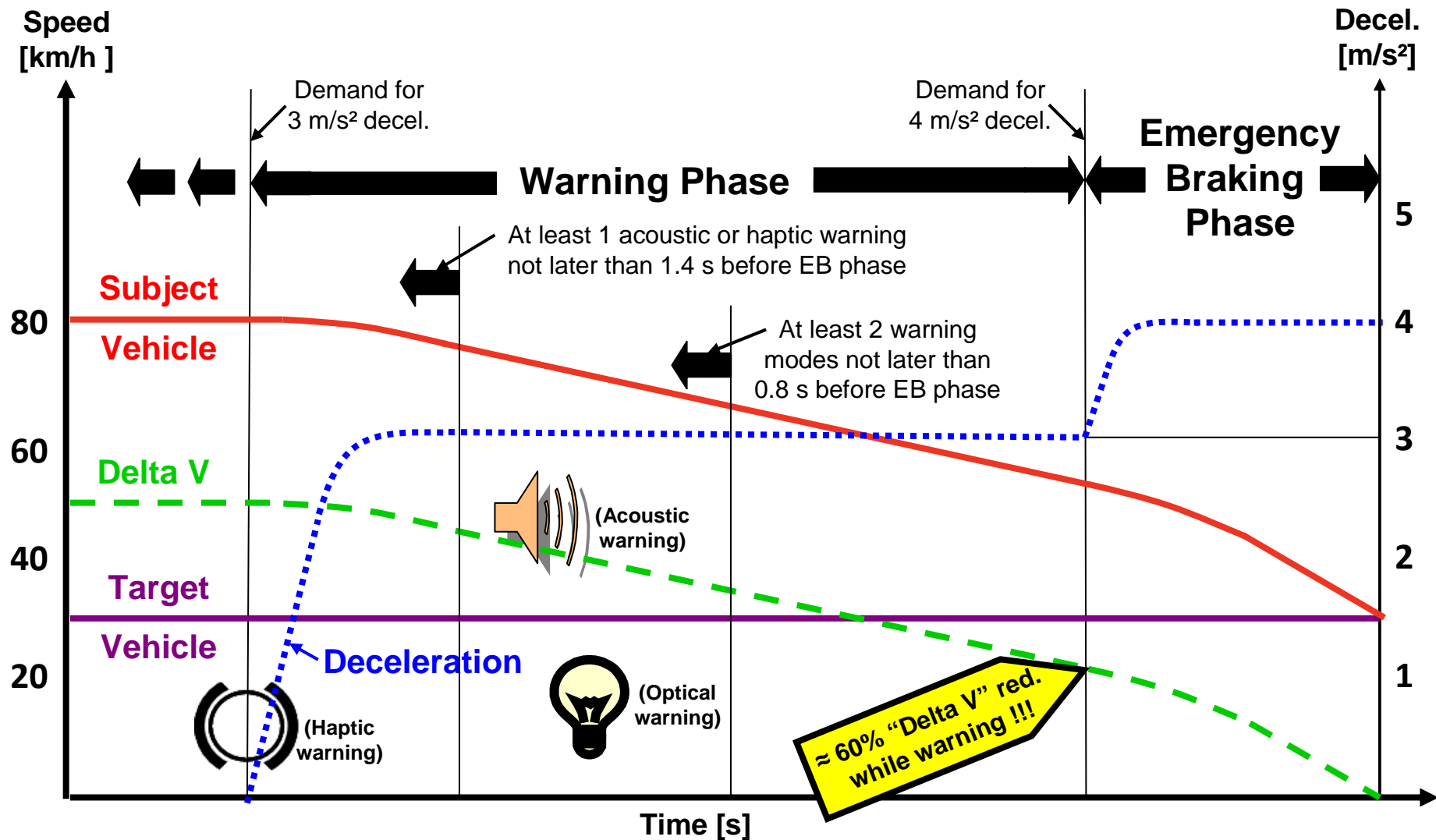
AEBS: Braking only in emergency braking phase



AEBS: Braking jerk in warning phase



AEBS: High level of deceleration in warning phase



AEBS: Braking jerk with increasing deceleration in warning phase

