

## Dense Traffic

UN R157

≤ 60 km/h

- Keeps vehicle in lane at all times
- ALKS activation possible in any lane
- M1



- Add HCVs in scope
- Lane change:
  - Permit Comfort LC
  - Permit MRM LC

> 60 km/h

- ALKS activation possible in any lane (with or w/o LC capability) for all M and N
- Comfort and MRM LC permitted (M1 only \*)

\* as a first step



When the traffic is dense and flowing slowly (tbd), ALKS can be active on any lane regardless of its capability to change lanes.

## Free Driving

UN R157

No LC Capabilities

- Potential lane restriction (e.g. to the slowest lane)
- M and N

with vehicle in front



Without vehicle in front but appropriate speed (normal cruise speed)



This UC is currently covered up to 60kph in UN R157 (M1 only)

With LC Capabilities

- „Comfort + MRM“ Lane Change capability permits ALKS activation on any lane
- M1 only\*



When traffic is flowing freely at high/cruise speeds, even an ALKS not capable of performing lane changes can be active, but potentially under certain restrictions (e.g. with regard to the used lane)

### Existing Documents:

- Higher Speeds: GRVA/2020/32
- Comfort LC: GRVA/2020/33, GRVA/2021/4 (w MRM LC)
- MRM LC: GRVA/2021/4 (w/ Comfort LC), GRVA-07-62
- All Categories: GRVA/2021/3