

Transmitted by the expert from ISO

Informal document **GRB-53-25**  
(53<sup>rd</sup> GRB, 15-17 February 2011,  
Agenda item 3(c))

# ASEP Database examples

53<sup>rd</sup> GRB Feb 2011

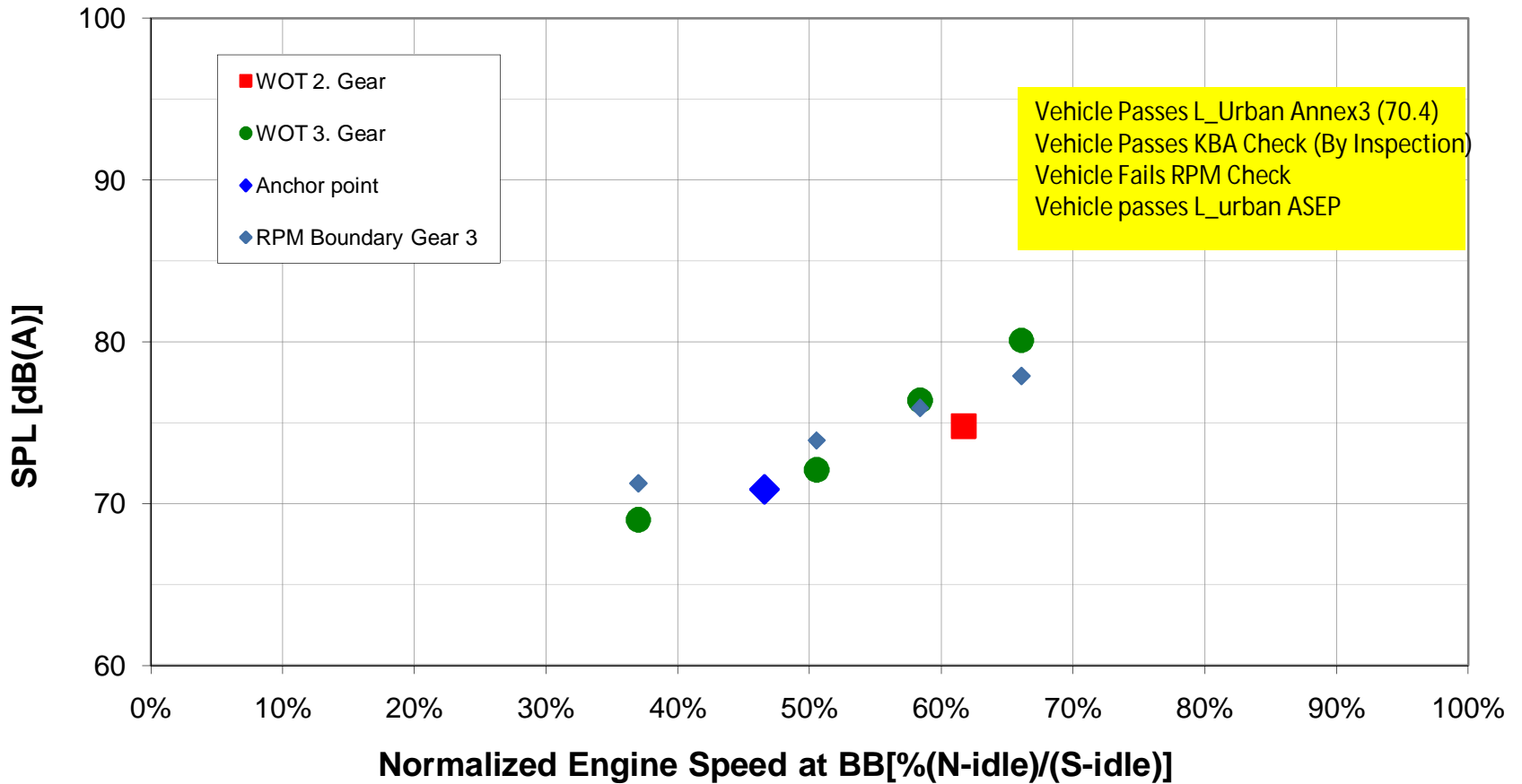
# Overview

- Summary of Proposal
- Example 1 of Normal Vehicle
- Example 2 of Normal Vehicle
- Example 3 of High Power vehicle
- Example 4 of High Power vehicle
- Conclusion

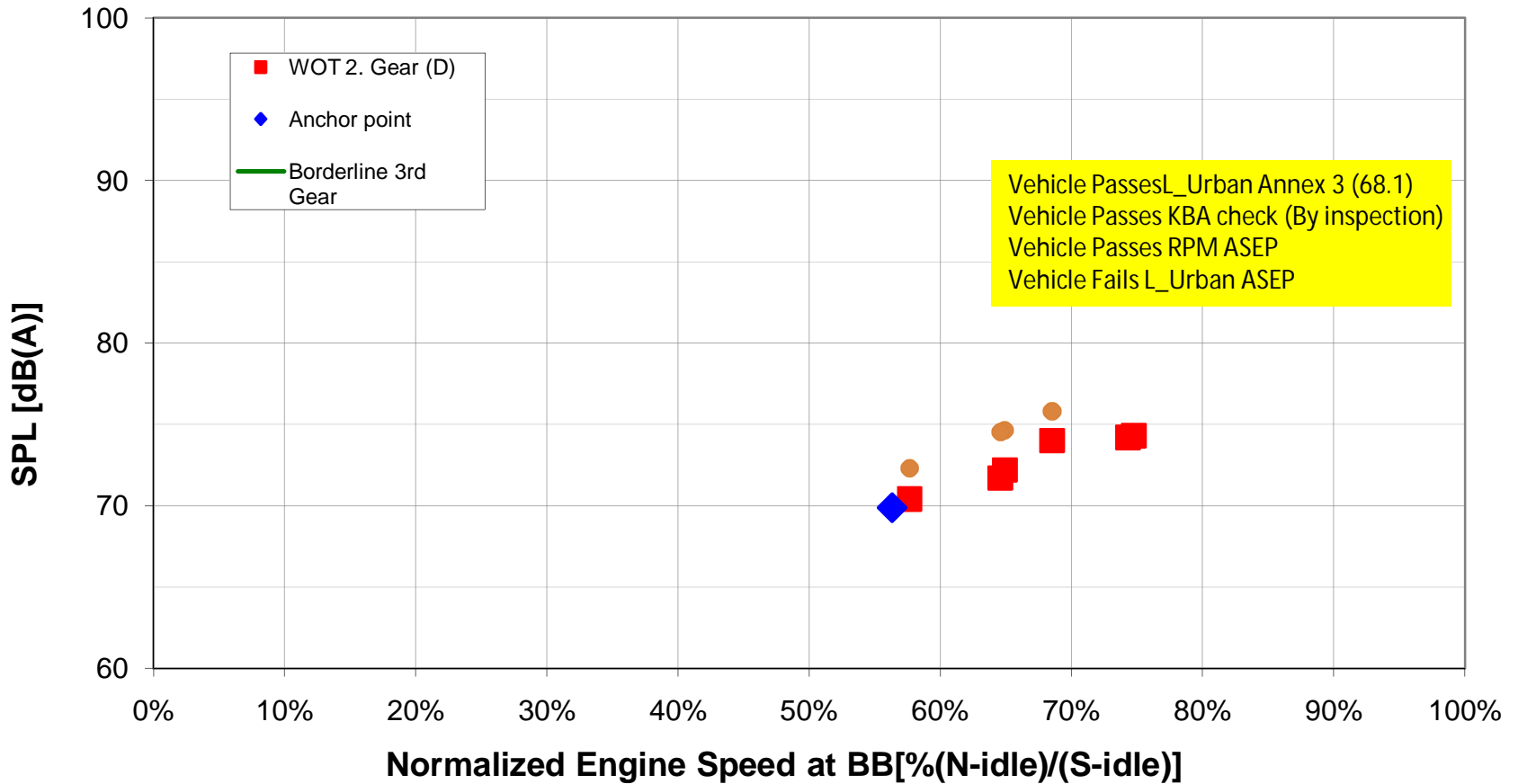
# Summary of Proposal

- A vehicle is considered to fail if any of the following three conditions are satisfied:
  1. The vehicle fails the Annex 3 conditions;
  2. The vehicle fails the “No worse than today” (KBA) check;
  3. The vehicle fails both the RPM based method and the L\_Urban method.

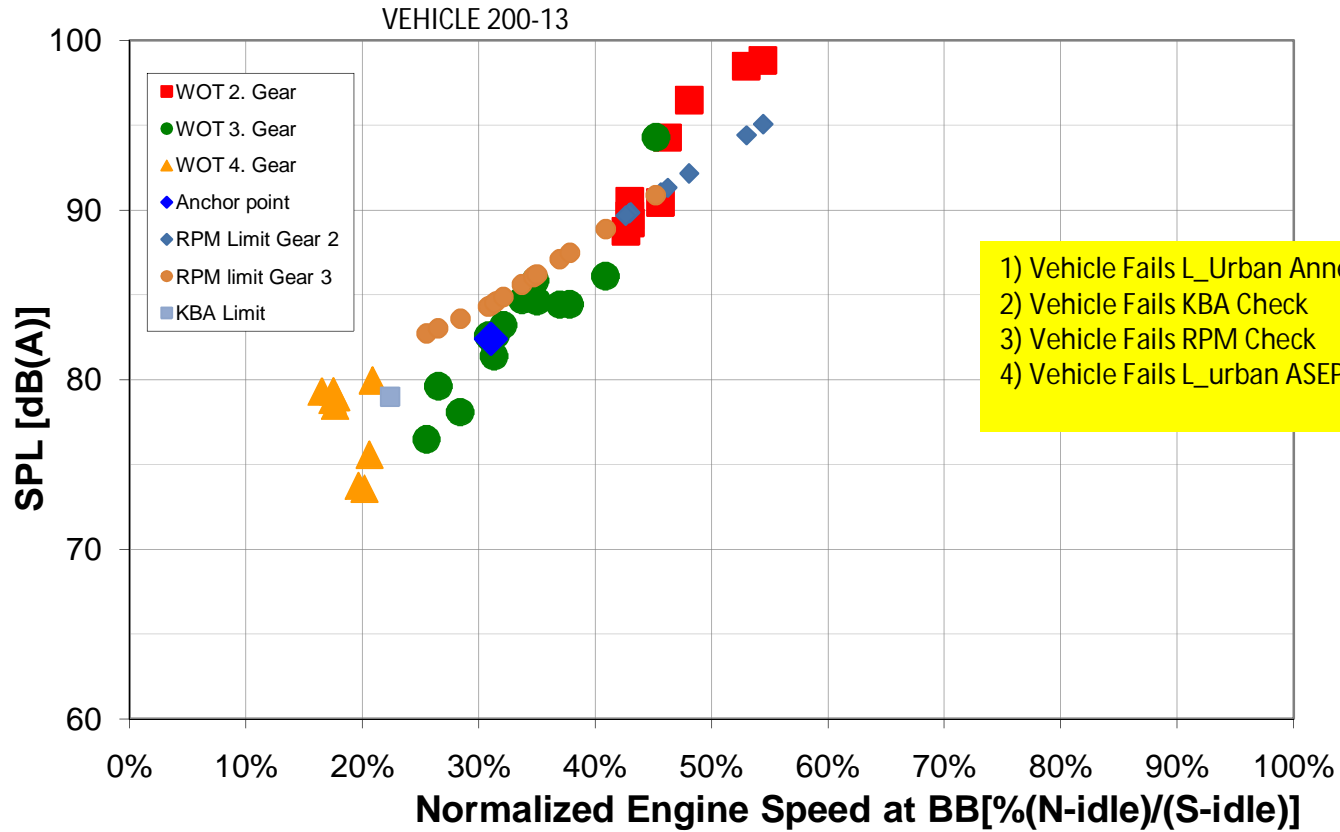
# Vehicle 2-03



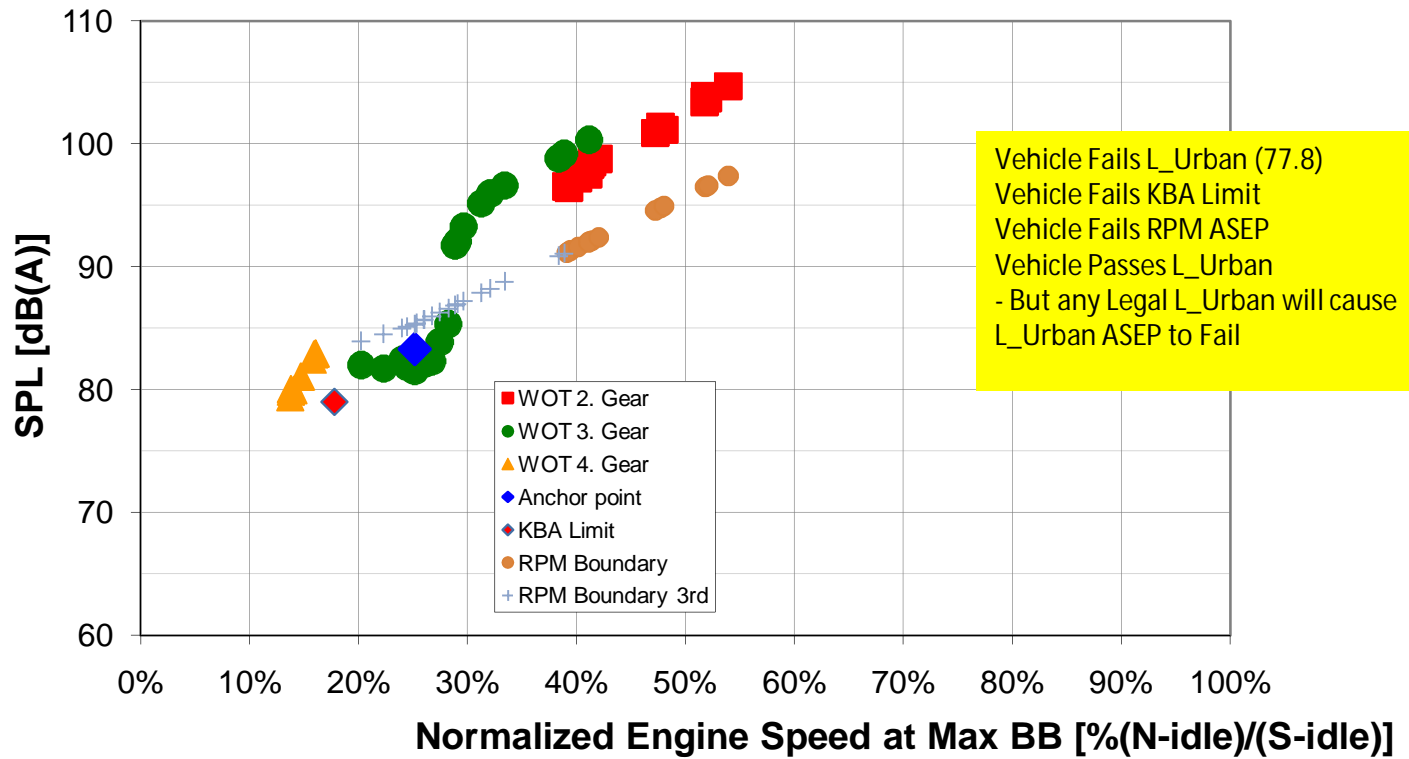
# Vehicle 1-08



# Vehicle 200-13



# Vehicle 200-11



# Conclusion

- Chairman's proposal was intended as a compromise offer to move forward the R51 ASEP discussion.
  - No party is fully satisfied
  - Each part of the ASEP system has strengths and weaknesses, but it provides a reasonable result as a system.
- System is not perfect – but it is a good start.
- Certainly possible for improvements in the future as actual data with new Annex 3 is available.