WLTP IWG 25th Session

7th - 8th January 2019

Status Report from UNR WLTP Transposition Task Force
Post-24th IWG Update

Task Force Meetings held:

• **21st September 2018, JASIC, Tokyo – face to face**
  • Worked on structure and content of draft text

• **5th November 2018 – WebEx**
  • Approach 3 (one series of amendments to cover L1a, L1b & L2) reconsidered
    • To discuss at IWVTA 28th Session (see IWVTA-28-08-rev.1 WLTP Transposition)
  • Worked on structure and content of draft texts
  • Inclusion/Exclusion of EU specific procedures (e.g. ATCT) re-discussed
  • Different EU and JPN positions on durability → Task Force put ‘on hold’

• **[9th November 2018, 28th Session of IWVTA. Geneva**
  • Discussions on Approaches for Transposition
    • Mixed support/objection for Approach 3
  • Coffee-break discussions on the ‘need for’/‘purpose of’ Levels 1a & 1b]
Post-24\textsuperscript{th} IWG Update

Task Force Meetings held:
- 23\textsuperscript{rd} November 2018, OICA, Paris – face to face/WebEx
  - Discussions on a potential new concept to avoid dis-harmonisation in UNR WLTP by including Level 1a (Europe) in UNR 83 08 series (see schematic on next slide)
  - Matrix concept developed
    - Issue - Plug-in hybrids don’t fit within the 3 phase (L1b)/4 phase (L1a) concept
  - European Commission proposal to extend timeline
    - More time needed for finalising the L2/L1 concept and for developing harmonised Conformity of Production and Durability requirements
    - Proposal to extend timeline by one GRPE session (i.e. Informal Documents for 79\textsuperscript{th} GRPE and Working Documents for 80\textsuperscript{th} GRPE)
‘Alternative concept discussed at 23rd Nov 2018 meeting

UNR83 09

UNR83 08

UNR83 07

Type 1 GTR15
Type 5 GTR15
Type 4 GTR19

Level 2

3&4 phase for OVC

UNR WLTP - 01

Level 1

3 phase for OVC

UNR WLTP - 00

4 phase

Phases | CO | HC | NOx | PM
---|---|---|---|---
1-2 | | | | |
1-2-3 | xxx | xxx | xxx | xxx
1-2-3-4 | xxx | xxx | xxx | xxx

Level 1

Phases | CO | HC | NOx | PM
---|---|---|---|---
1-2 | | | | |
1-2-3 | xxx | xxx | xxx | xxx

Note
Under this concept, UNR83 08 series would be a complete ‘copy and paste’ of (EU) 2017/1151.
UNR 83 09 series would only include the (EU) 2017/1151 requirements which are not included in UNR-WLTP (e.g. Type 6, ISC, OBD, RDE etc.).

Under this concept the Level 1 elements (UN 83 08 and UNR WLTP 00) would not be applicable until Level 2 was in force.

Notes
UNR WLTP 00 and 01 would use a harmonised test procedure – with some potential non-harmonised options in 00 (e.g. single-axis dyno).
00 and 01 series would both include a harmonised Type 5 test if developed in time.
Post-24\textsuperscript{th} IWG Update

- 17\textsuperscript{th} December 2018 - WebEx
  - Japan supported the extension to the timeline
  - Japan strongly objected to including WLTP in UNR 83 – reasons:
    - WLTP-GTRs have been developed to pursue harmonisation, on the other hands, EU and JPN have unique requirement on their regional level. If regional regulations go to separate UNR (EU: R83, JPN: R-WLTP), “harmonisation” scheme will be collapsed.
      - Therefore, UNR for WLTP based on GTRs should go to one single UNR.
    - In addition,
      - Same requirement with separate UNR is against the concept of 1958 agreement.
      - R83 is out of Japan control and IWVTA clearly refer R-WLTP for pollutants reg.
      - Therefore, one single UNR should be R-WLTP, not R83.
      - The approach EC and Japan agreed before (=Approach 2) is not yet denied. There is no need to change scheme from the original to “discussion starter idea”

Source: “Japan position on UNR-WLTP” 17\textsuperscript{th} December 2018
Revised Work plan

- Obtain consensus on both the approach and the concept
- Continue to develop UNR WLTP and UNR 83 08 series regulatory texts
- Further discussion/agreement on Contracting Party options
- Proposal for a harmonised gasoline reference fuel
- Meetings
  - Dates for face to face and WebEx meetings to be decided
- Informal UNR WLTP and UNR 83 08 series for 79th GRPE, May 2019
- Working Documents for 80th GRPE, January 2020
Contact information

Rob Gardner, TRL Ltd on behalf of the European Commission (Task Force Leader)
rgardner@trl.co.uk