Status report / Activity Plan of OBD Task Force

26th Sep., 2017

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- Develop harmonized OBD GTR by end of 2018*.
  *Approved on Oct. 2018 IWG and Jan. 2019 GRPE

- No Contracting Party option. (only alternative)

- Create separate GTR for now.
  *This was recommended by GRPE

* Presented at 17ᵗʰ WLTP IWG in Geneva

OBD TF Road Map & Timeline (Activity Plan)

15th Dec., 2016

21st Feb. , 6th Apr., 2nd Jun., 27th Jul., 2017

Until March of 2018
(Hopefully) Every 2 months

Step1
- Decide Base Regulation R83 <DONE>

Step 2
- Decide Discussion Points

Step 3
- Add/Modify the text

Step 4
- REPEAT Step 2 & 3 until all texts are fixed.

Step 5
- Oct. 2018 IWG Approval
- Jan. 2019 GRPE Approval

Status of OBD TF and Schedule

- 1 web meetings was held after the 19th IWG. (27th July)

- We worked on harmonization of definitions with EPPR (IMMA).

  - Calculated load value, Deficiency, and OBD threshold.

- From 30th Oct. we will start technical discussion based on UN R83.

	2016												2017											2018		
	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
IWG		10 WLTP #17			18-20 WLTP #18		6 WLTP #19			26-28 WLTP #20 ▲ TODAY				XX WLTP #21		XX WLTP #22
TF	15 Web		21 Web	6 Web			2 Face 2 Face		27 Web		30 Web	TBD Face 2 Face?		TBD Web	TBD Web	TBD Face 2 Face?

List of terms and definitions agreed in TF

Terms	Definitions <decisions>
Access	<As same as R83> "Access" means the availability of all emission-related OBD data including all fault codes required for the inspection, diagnosis, servicing or repair of emissions-related parts of the vehicle, via the serial interface for the standard diagnostic connection (pursuant to paragraph 3.12. of Annex 1).
Calculated load value	<No need to add definition of Calculated load value>
Useful life	**<Asked in #19th IWG to define this in main GTR 15.>** Temporary: "Minimum useful life" means the relevant period of distance and/or hours and/or time in service over which durability of emission components have to be assured.
Engine misfire	"Engine misfire" means lack of combustion in the cylinder of a positive ignition engine due to absence of spark, poor fuel metering, poor compression or any other cause.
Deficiency	"Deficiency" means, in respect of vehicle OBD systems, that components or systems that are monitored contain temporary or permanent operating characteristics that impair the otherwise efficient OBD monitoring of those components or systems or do not meet all of the other detailed requirements for OBD. <"up tp two separate components" should be added in the text, not in the definition.>
OBD threshold limit	<NO DEFINITION but replace OBD threshold limit as "OBD threshold">
Limp-home	<Discuss later>
DTC	"Diagnostic trouble code" or "fault code" is an alphanumeric identifier for a fault identified by the On Board Diagnostic System.
Pending DTC	"Pending fault code" is a diagnostic trouble code stored upon the initial detection of a malfunction prior to illumination of the malfunction indicator.
Confirmed DTC	"Confirmed fault code" is a diagnostic trouble code stored when an OBD system has confirmed that a malfunction exists.
Readiness	Definition: "Readiness" means a status indicating whether a monitor or a group of monitors have run since the last erasing. Requirement: The OBD system shall indicate "complete" or "not complete" since the fault memory was last cleared for each of the installed monitored components and systems according to standards referenced in section XX of this GTR.
Scan-tool	"Scan tool" means an external test equipment used for standardized off-board communication with the OBD system in accordance with the requirements of this GTR.
Software calibration identification	Definition: "Software calibration identification" means a series of alphanumeric characters that identifies the emission-related calibration and/or software version. Abbreviation: CAL ID: Software calibration identification

Thank you very much
for your attention.