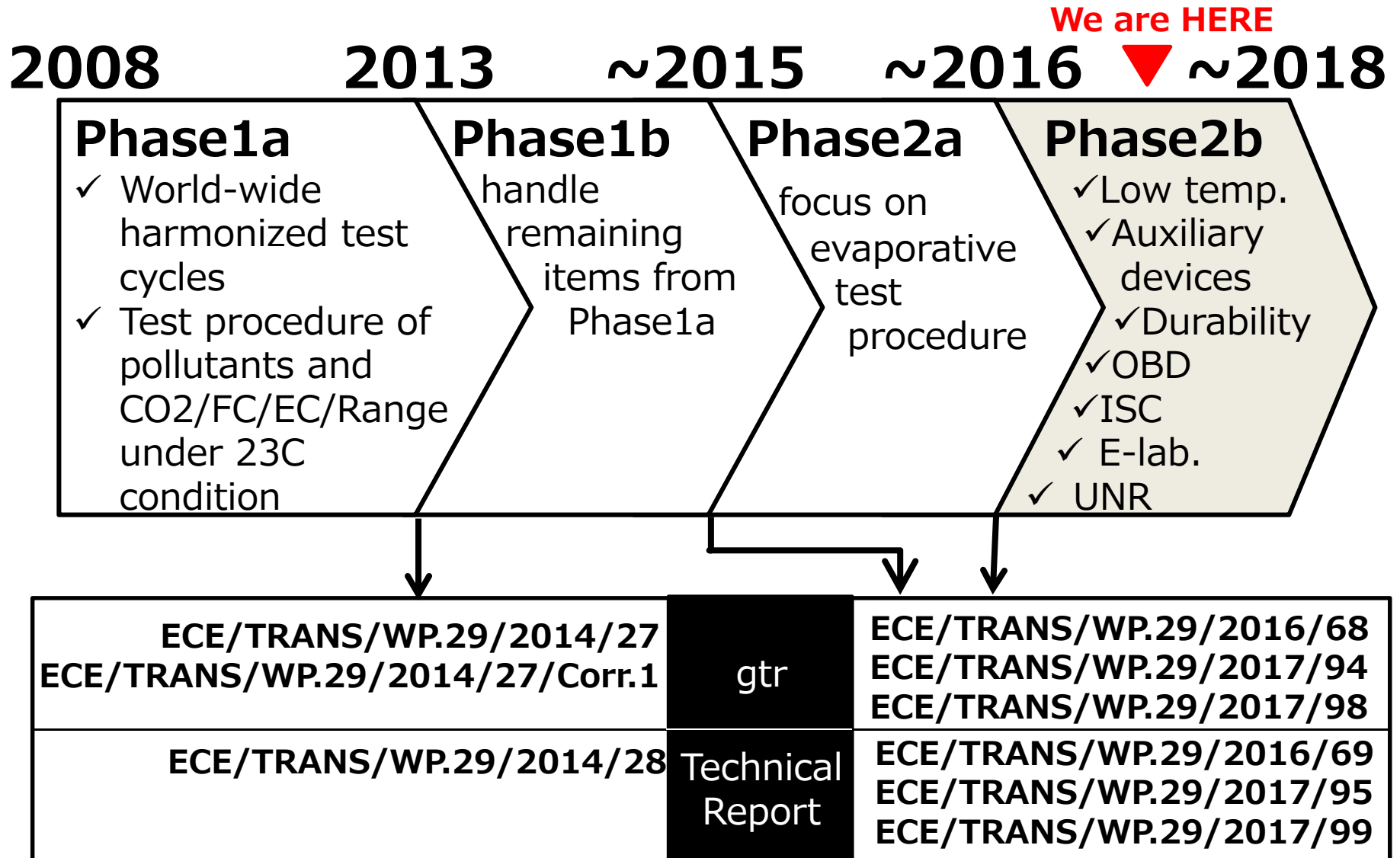


Informal document **GRPE-75-20**
75th GRPE, 6-9 Jun 2017,
agenda item 3(b)

Status report of the **WLTP Informal Working Group**

Prepared by WLTP IWG

1. WLTP Overall Schedule



2. Possibility of Phase2b Prolongation

- Originally, all working elements of Phase2b are expected to be approved during 2019 January GRPE session
- Due to complicated and/or contradictory issues and heavy workload, some of items may have a chance to be extended (please refer WLTP-19-03)
- WLTP IWG will **inform of new specific time schedule and propose the revised ToR (prolongation)** when it's ready





3. Request for Approval

Working Items	Documentations	Key Notes
GTR #15 Amendment #3	<p>ECE/TRANS/WP.29/GRPE/2017/9 (technical report : GRPE-75-07)</p> <p>GRPE-75-xx : amending Amendment #3</p>	<ul style="list-style-type: none"> ✓ clarify phase, cycle and vehicle class terminology ✓ improvements to the gear shifting procedures ✓ clarify the combinations of test vehicle selection and family ✓ others
GTR Evaporative Emission Amendment #1	<p style="text-align: center;">GRPE-75-16</p>	<ul style="list-style-type: none"> ✓ inclusion of “sealed tank system” procedure (open issue: semi-sealed tank) ✓ improve test vehicle selection method ✓ provide working document at 76th GRPE

4. Request for Guidance

Working Items	Discussion Points	Key Notes
UNR structure	Please refer informal document GRPE-75-18	✓ WLTP IWG has agreed on preferred direction to go
WLTP GTR construction	Separate GTR or One package ?	✓ Trigger: Low Temp TF ✓ Separate GTR is first choice ✓ All CP requirement goes into one UNR package ✓ CP option

5. Key Notes of each TF_1

Working Categories	Signal	Key Notes	Expected completion timing
Transposition to UNR		<ul style="list-style-type: none"> ✓ has agreed the basic structure of new UNR and R83/101 after intensive discussion including IWVTA secretary and member ✓ will make a concrete schedule and consider Level_2 scenario 	tbd
GTR Amendment		<ul style="list-style-type: none"> ✓ continue to improve GTR#15 ✓ develop draft EVAP GTR including sealed tank system 	when necessary
Test Cycles		<ul style="list-style-type: none"> ✓ EVE-IWG plan to evaluate the possible reference methods after Nov. 2017 ✓ GRPE approval may delay 	mid of 2019
Cycle traceability		<ul style="list-style-type: none"> ✓ propose tentative threshold of candidate "drive trace indexes" 	end of 2017

5. Key Notes of each TF_2

Working Categories	signal	Key Notes	Expected completion timing
Annex 2 (gear shift method)		<ul style="list-style-type: none"> ✓ improve procedure (7 items) ✓ under the discussion for (1)definition of crawler gear, (2)down shift scenario during deceleration 	<p>completed</p> <p>end of 2017</p>
New Open Issues_1 (wind tunnel method)		<ul style="list-style-type: none"> ✓ found out the necessity to improve more clear and robust test procedure ✓ positive proposals are under the discussion 	<p>end of 2017</p>
New Open Issues_2 (Annex4,6,7)		<ul style="list-style-type: none"> ✓ several improvements were established and 11 items are under the discussion(WLTP-19-13e) 	<p>end of 2017</p>
		<ul style="list-style-type: none"> ✓ dual-axis dyno. requirement 	<p>hard to agree</p>

5. Key Notes of each TF_3

Working Categories	signal	Key Notes	Expected completion timing
Supplemental Tests (low temp.)		<ul style="list-style-type: none"> ✓ challenge to seek harmonized temperature ✓ started the discussion on concrete test procedure 	mid of 2018 or later
Durability		<ul style="list-style-type: none"> ✓ finalized Mandate and ToR ✓ concrete work plan was developed 	mid of 2018 or later
Evaporative Tests		<ul style="list-style-type: none"> ✓ closed the technical issues on sealed tank system and developed draft GTR 	end of 2017
	?	<ul style="list-style-type: none"> ✓ consider other elements commented by US, Canada, China and EC 	tbd

5. Key Notes of each TF_4

Working Categories	signal	Key Notes	Expected completion timing
OBD		<ul style="list-style-type: none"> ✓ baseline reg. is R83 ✓ working on “definition” collaborating with EPPR ✓ absence of EC involvement 	mid of 2018 or later
In Service Conformity		<ul style="list-style-type: none"> ✓ the ISC provisions can be discussed and agreed under 1998 agreement 	tbd
SG EV		<ul style="list-style-type: none"> ✓ new procedure for OVC-FCHV 	mid of 2018
		<ul style="list-style-type: none"> ✓ collaborate with EVE-IWG for HEV system power and battery durability 	mid of 2019
		<ul style="list-style-type: none"> ✓ collaborate with other TFs for unique EV related issues 	mid of 2018 or later
RRT		<ul style="list-style-type: none"> ✓ some parts of GTR which were pointed out by technical experts during RRTs were revised. 	completed

6. Expected Actions

at 76th GRPE

Working Categories	Expected Actions
Transposition to UNR	✓ report concrete time schedule for its adoption and ask guidance for any improvement
GTR amendment	✓ request for approval (improve wind tunnel method and others)
Evaporative Emission	✓ request for approval of working document which includes “sealed tank system” and other modifications
(Prolongation of Phase2 activities)	✓ request for prolongation of Phase2 activities if we figure out new time schedule