

WLTP 6th DHC Meeting

GRPE/WLTP-IG/ DHC subgroup

11~12 January 2011

Palais des Nations, Geneva

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1. Current Status

1. In-use Data Collection

	In-use Data	Traffic Statistical Information
China		
EU	Completed (on going for more data acquisition)	←
India	On going (expected to complete by Jan. 2011)	←
Japan	Completed	Completed
Korea	Completed	Completed
USA	Completed	Completed

2. Methodology → please refer to WLTP-DHC-06-03e

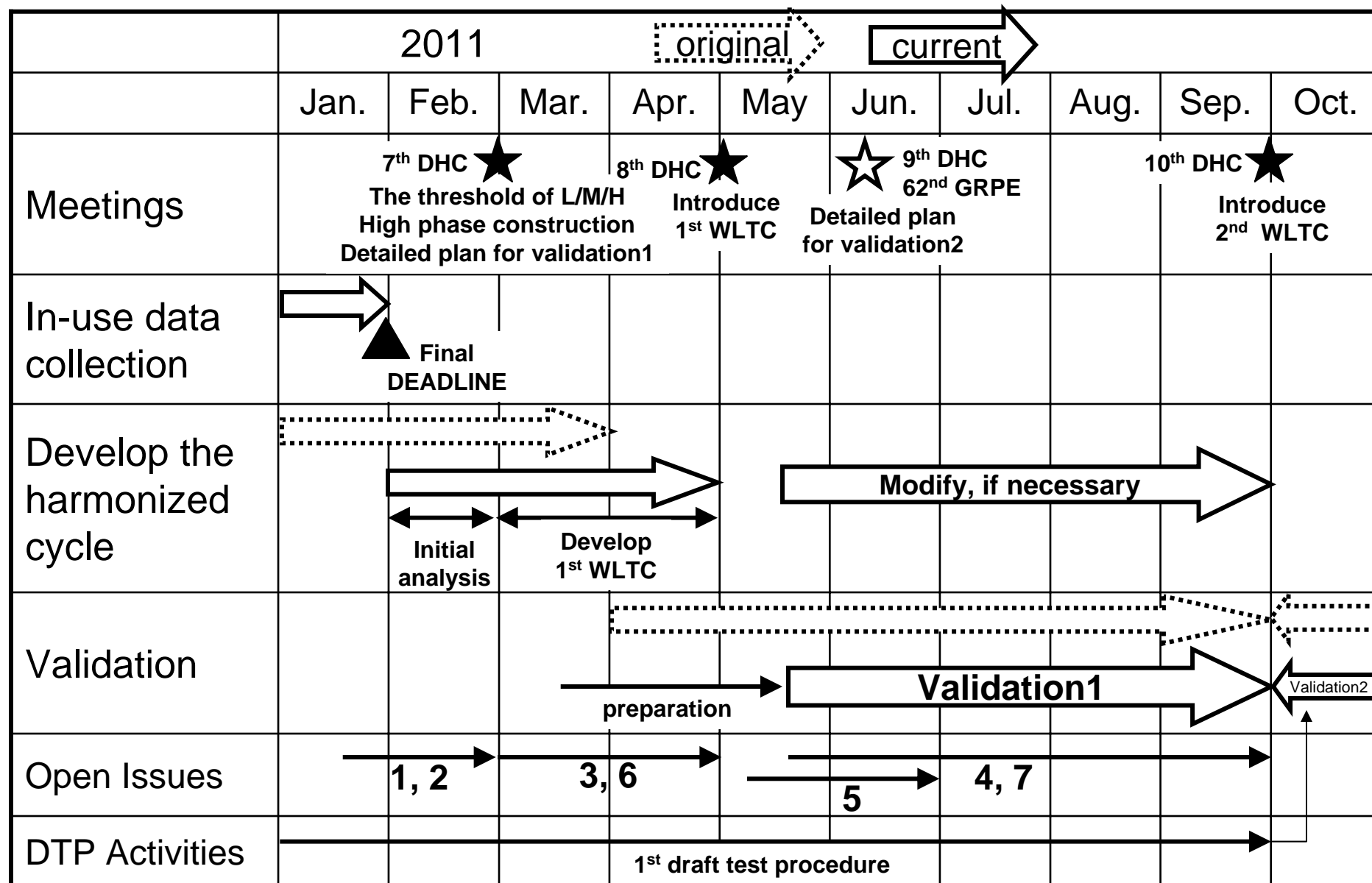
2. Open Issues -1

	Issues	Discussion points	Proposed Actions
1	Regional Weighting when developing the WLTC	a) traffic volume b) same weighting	Wait for initial analysis, then make a decision during 7 th DHC meeting
2	Threshold Speed for L/M/H	a) according to DHC-06-03 b) CP's requirement	
3	High Phase Cycle Construction (US&EU versus other regions)	a) only ONE unified cycle b) possess TWO types of High phase cycle	Wait for initial analysis, then further discussion is necessary before developing the 1 st WLTC
4	Mode Construction	a) cold start test only b) cold start & hot soak start	After developing the 1 st WLTC, further analysis is necessary during the validation 1

2. Open Issues -2

	Issues	Discussion points	Proposed Actions
5	Unique Weighting Factor for L/M/H Phase	a) harmonized weighting factors b) permit regional weighting factors	After developing the 1 st WLTC, check the representativeness for each region.
6	Gear Shift Points	a) fixed points b) based on vehicle specification c) others	JARI, JRC and Mr. Steven work together to finalize the method before developing the 1 st WLTC.
7	How to treat the vehicles which are not able to follow the prescribed cycle	a) continue to drive with wide-open-throttle b) exempt the H (or M&H) phase(s) c) others	Develop the proposal during validation 1 tests.

3. Next Actions up to Validation 2



4. (ref.) Test Program of Validation 1

WLTP-DHC-06-02-Rev.2e

		Test Vehicles * *) vehicles configurations are based on its "power to mass ratio", "DTC", "compliance emission level" and so on.				
		#1	#2	#3	#4	Unique technologies (e.g. regeneration system, hybrid, PEV)
DRIVEABILITY PRACTICABILITY	SMOOTH THROTTLE OPERATION					
	APPROPRIATE SHIFT POINT					
	CLUTCH OFF POINT	(MT vehicles only)				
	MODE TRACEABILITY					
	TIRE LOCK, SLIP					
REPEATABILITY ** (including different test drivers) **) emission level, driving energy index, etc						
Request from DTP (e.g. additional pollutants, etc)						

Japan plans to evaluate the shaded portions. Any voluntary works are welcome and it'd be appreciated if these work plans are informed to secretary by the middle of February. Detailed plan will be introduced during next (7th) DHC meeting. (expected to be held late February or early March 2011)

Consensus with Indian delegates

1. Submit the available data by the end of January 2011
2. Submit the additional data by the middle of April 2011
→ Start initial analysis from the middle of April 2011
3. Submit the all data by the end of April 2011
→ all data will be reflected for cycle development
4. No more delay will be expected, however,
if it's the case, accept to move on to data analysis
and cycle development without having all data.

Note)

Data can be submitted whenever the data is available.

Consensus with Chinese delegates

1. Inform Chinese decision by 27th January 2011 for the following items.
 - a) how much data can be collected by the middle of April 2011 ?
 - b) is it acceptable for China to move on to data analysis and the cycle development from the middle of April 2011 with partial data ?
2. It is preferable to submit the data whenever data is available before the middle of April.