

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

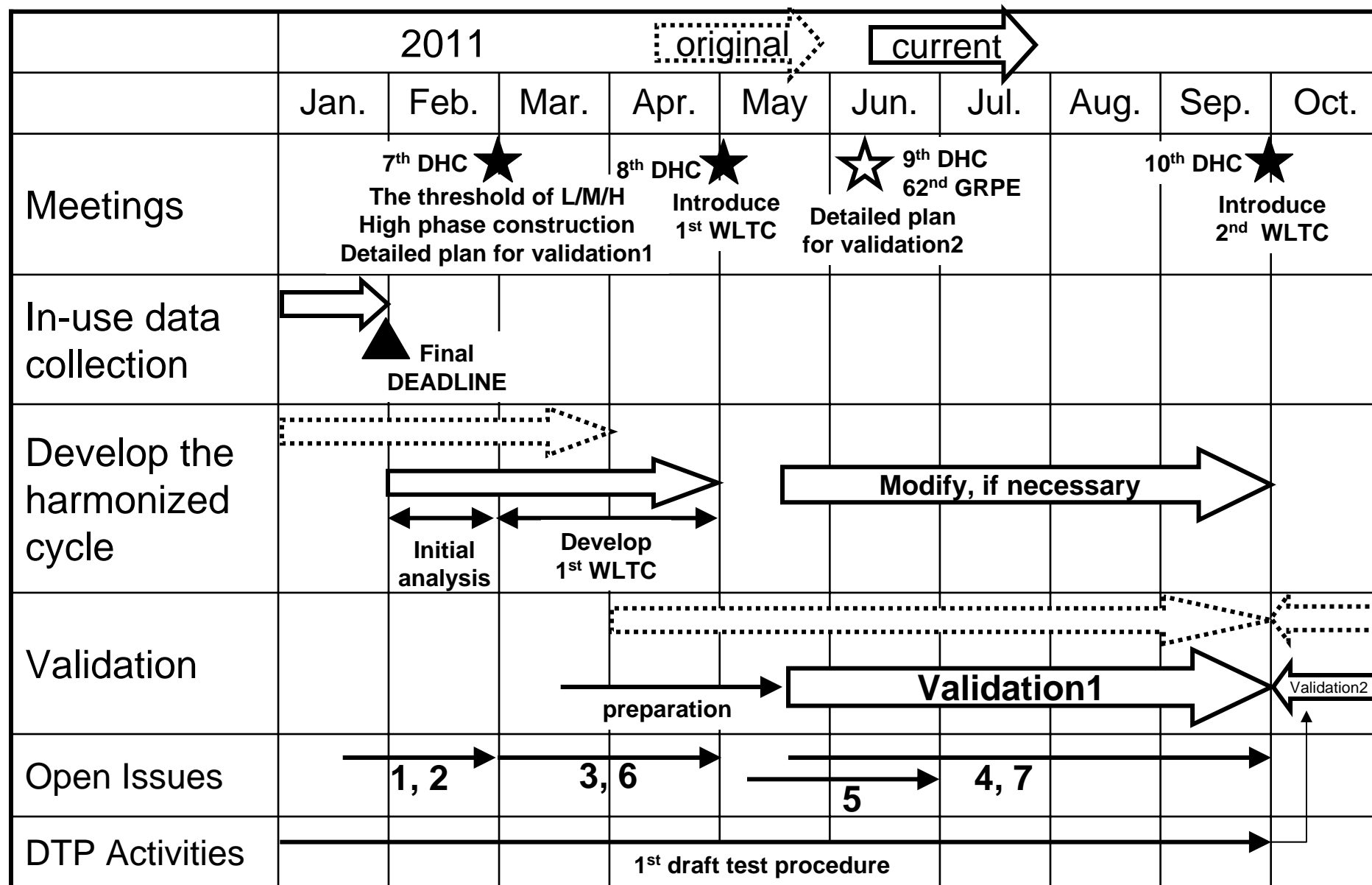
2. Open Issues -1

	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) only ONE unified WF b) accept unique WF	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-06-02e

		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)						
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)