




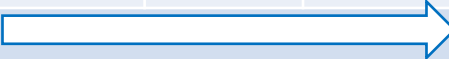
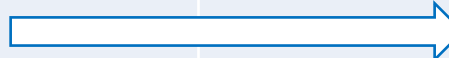


# Battery Durability Phase 2 Items for HDV

\*1 : ToR 5. Timeline 9./a

\*2 : ToR 5. Timeline 8./b

Proposed by Chair	Comments from JPN	2022	2023	2024	20??
1. Establishment of sub group for HDV battery durability	no strong position, means “follow IWG decision”				
2. Research and Testing needs for phase 2 battery durability	These elements are part of the working items <small>(e.g. Testing needs if IWG decided to develop test procedure for HDV UBE)</small>		come back after IWG has decided the phase 2 working items		
3. Implementation of monitoring stage	Japan : from October, 2024 Continue to gather available data (e.g. Geo Tab, others)				
4. Incorporation of normal usage indices	no longer necessary under the backstop concept (Part B)				
5. Setting MPR for range	no urgent needs from Japan (set after monitoring stage) also need to set SOCE(/SOCR) for category 2			 (☆*1)	☆
6. Established of data collection mechanisms	up to each CP, means “no action is necessary under IWG”				
7. Advancing MPR on UBE indicator	no specific needs at this stage from Japan <small>(need to evaluate the validity of the currently defined MPR as a first step)</small>				
8. Establishing a base MPR for range indicator	request for further explanation (same as #5 ?)				
9. Consideration of monitoring for OVC-HEVs and PEVs	request for further explanation (same as #3 ?)				
10. Determine equivalent all electric range for OVC-HEVs and PEVs	request for further explanation				
11. Consideration of HDVs	please refer EVE55_J3 for initial JPN positions	preparation	 ☆*2		
	<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); color: red; font-weight: bold; margin-right: 5px;">NEW</div> <div> <p>12. make GTR text more robust (e.g. add “last SOCE/SOCR updated odo.” in Annex 2, otherwise, may mislead “false pass”)</p> <p><small>current text : The manufacturer shall update the on-board SOCR and SOCE with sufficient frequency ...during all normal vehicle operation.</small></p> </div> </div>			 ☆*1	