

To Conduct FlexPLI Round Robin Car Test Smoothly and Effectively

3 August 2012
IG GTR9-PH2 Vice-Chair

Objectives of FlexPLI Round Robin Car Test relating to IG GTR9-PH2 Activity

- To compare master leg test results with previous build level leg test results
- To investigate technical feasibility on car development
- Etc. (basically, to conduct tests which are needed for IG discussions)

- We had 10 organizations offering to join the FlexPLI Round Robin Car Tests.
- To conduct the FlexPLI Round Robin Car Test smoothly and effectively, we would like to take following steps:

Step 1: Could you tell us how many master legs are needed in your test series?

Step 2: Could you decide a "Region Leader" for each region (especially in Europe and the USA) by discussion among same region members?

Step 3: Could you prioritize each region's test contents (especially in Europe and the USA) by discussion among same region members?

✓ If the test content is necessary for IG discussion, its priority shall be high.

✓ If the test content is NOT necessary for IG discussion, its priority shall be low.

Step 4: Could each region's leader prepare a detailed test schedule for each region based on Step 3 results?

Step 5: Could you tell Step 1 to Step 4 results to IG GTR9-PH2 Vice-Chair in order to organize over all test activity?

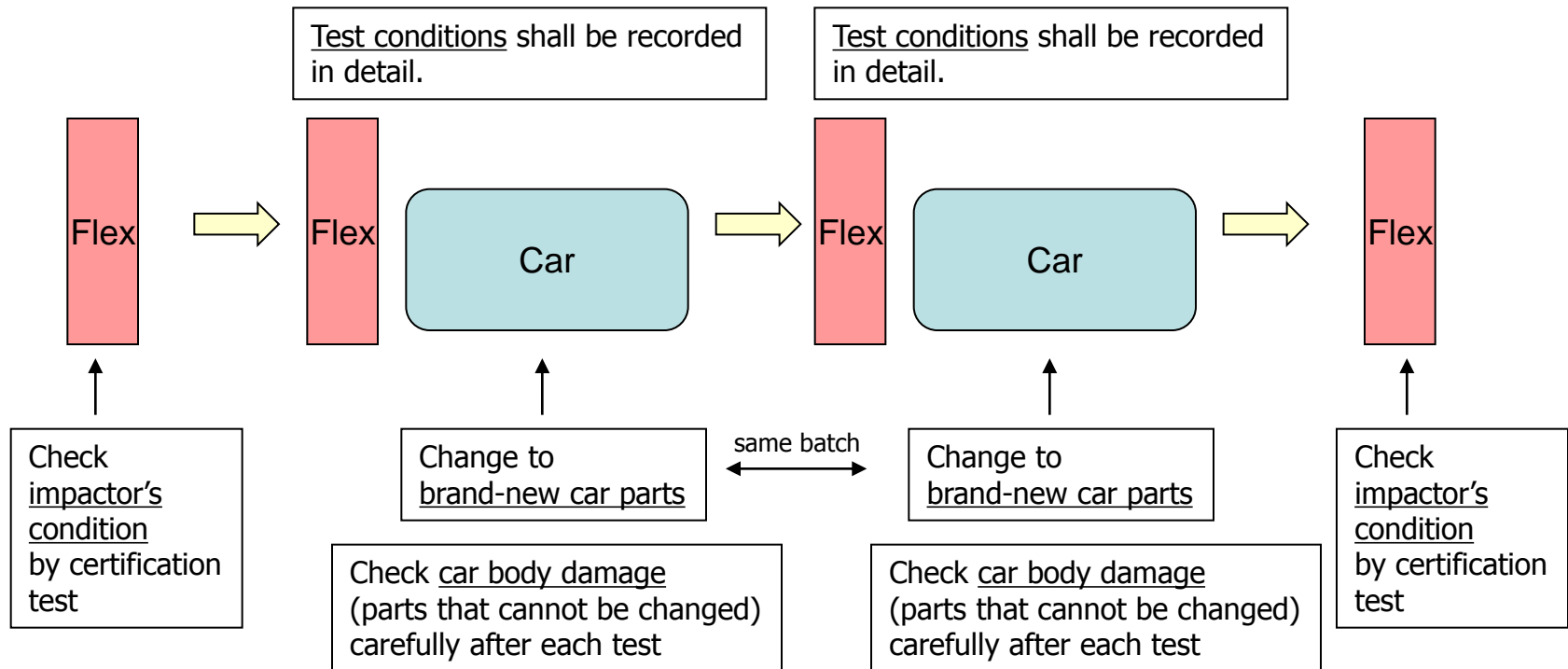
- We will have the 4th IG GTR9-PH2 meeting in September 2012 (17th -19th Sep.) and the 5th IG GTR9-PH2 meeting in December 2012 (just before 11th Dec.).
- We highly appreciate to submit your test results to the 4th and/or the 5th IG GTR9-PH2 in order to make great progress of IG GTR9-PH2 meeting activity.

Appendix:
Tips to Conduct FlexPLI Round Robin Car Test Effectively

Tips to Conduct FlexPLI Round Robin Car Test Effectively

(1) Especially, if it is needed to investigate repeatability of car test results

- FlexPLI condition shall be verified by pendulum and (or) inverse certification tests before and after the car test series.
- Brand-new car parts (from the same batch) shall be used in the test series.
- Car body damages (parts that cannot be changed) shall be investigated after each car test.
- Test conditions (impact speed, etc.) shall be recorded in detail.
- Basically, the car test results are affected by impactor conditions, car parts/body conditions and test conditions, so careful checks of all details above is seriously needed.
- If those conditions are unclear, IG members cannot analyze/assess the car test results at all.

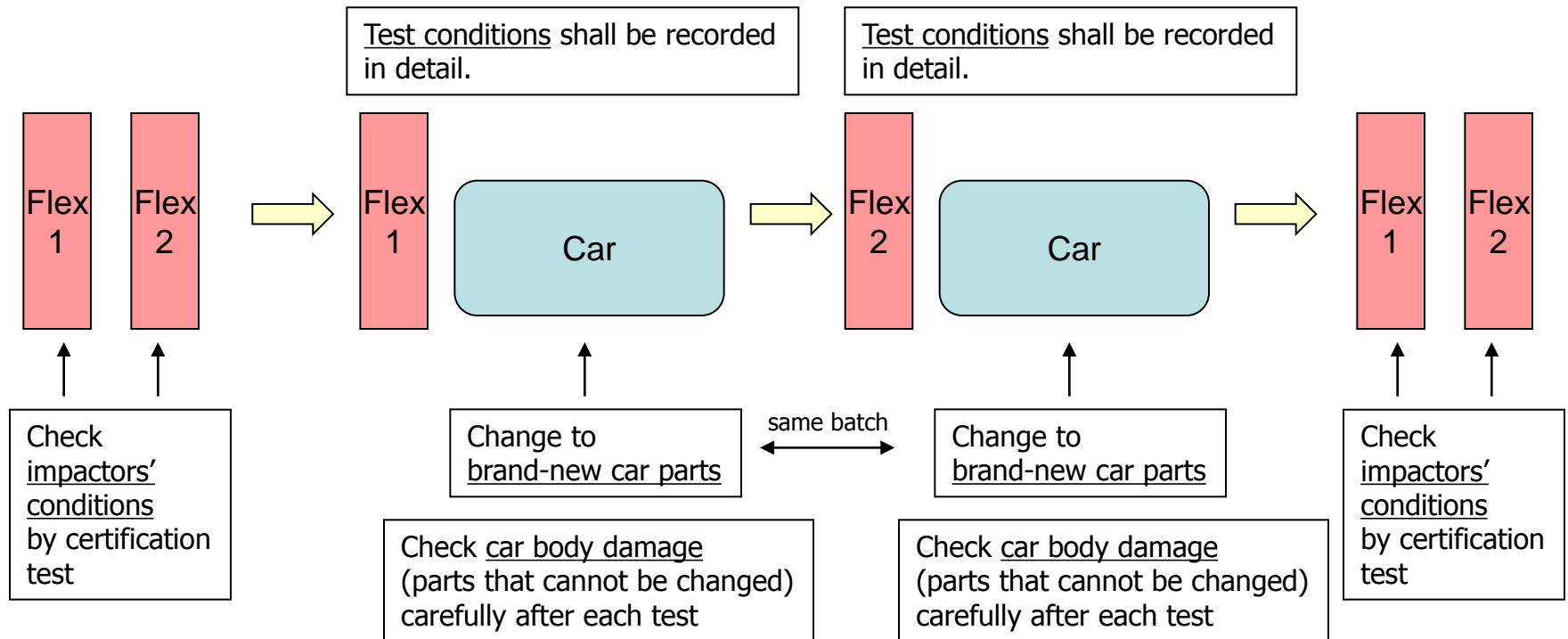


- If a test lab cannot conduct certification tests by themselves, the test lab shall offer to other test lab which can conduct certification test to conduct the certification test.

Tips to Conduct FlexPLI Round Robin Car Test Effectively

(2) Especially if it is needed to investigate reproducibility of car test results

- FlexPLI's conditions shall be verified by pendulum and (or) inverse certification tests before and after the car test series.
- Brand-new car parts (from the same batch) shall be used in the test series.
- Car body damages (parts that cannot be changed) shall be investigated after each car test.
- Test conditions (impact speed, etc.) shall be recorded in detail.
- Basically, the car test results are affected by impactor conditions, car parts/body conditions and test conditions, so careful checks of all details above is seriously needed.
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