

Proposals on C-rate during HD UBE measurement

prepared by Japan

@EVE64

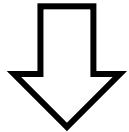
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The applicable C-rate during UBE measurement

IWG comments during 63rd IWG meeting

- ✓ should be represent the real world
- ✓ should define the standardized process (e.g. per vehicle category)

→ **Japan proposal (OEM declared constant C-rate) is not positively recognized**



| | Representativeness | standardized | other factor | disposition |
|--------------|--------------------|--------------|---|-------------|
| Original | NG | NG | rely on OEM technical explanation | withdraw |
| NEW PROPOSAL | OK | OK | same scenario as LD V2X and/or Bidi charger specification may limit the maximum charge rate | recommended |

Cycle repetition under WHVC condition with constant C-rate phases

(same scenario as LD)

1. preferably select maximum CED configuration @ WHVC within Part A family
2. reproduce C-rate profile representing the WHVC
3. apply the constant C-rate phase in the middle and in the end of discharge pattern to avoid the unstable SOC at the end of measurement
4. the constant C-rate : follow manufacture recommendation (considering the balance between battery load and test efficiency)

