



OCE: 21st Meeting

Overview of Recent Changes to the
gtr



Outline

- Section A
- Scope
- Definitions
- General Requirements
- Performance Requirements
 - Emission Strategies
 - WNTE Limits
- Ambient & Operating Conditions
- WNTE Methodology
- WNTE Lab Test
- WNTE Deficiencies
- WNTE Exemptions
- Documentation
 - OCE Compliance Statement



Section A

- A revised Section A was made available to the group in Tokyo
 - This text was not reviewed or revised in Tokyo
 - It was agreed to insert this text into the gtr for submission as the informal document
- The Tokyo text has been inserted



Section B.2 “Scope”

- In Tokyo, we discussed linking the OCE gtr to the WHDC gtr
 - Email to R.Hubert
 - Some members of the group would like to link the "Scope" of the OCE gtr to the "Scope" of the WHDC gtr. In effect, the Scope of the OCE gtr would simply refer the reader to the appropriate paragraph within the WHDC gtr. I would like your guidance on this issue. Would it be acceptable for a gtr to refer to another gtr for its scope, or would GRPE not approve of such an approach?
 - R.Hubert response
 - A gtr should be an entity and its scope should not refer to the scope of another gtr. There might be a CP agreeing on and adopting a first gtr, but which do not agree with the second one.
- Chair recommends that we not pursue this idea. The OCE Scope should stand on its own.



B.3 “Definitions”

- In Tokyo, we had some discussion about OCE/WHDC definitions (see Editorial Comment)
 - Definitions from the WHDC GTR will be inserted in the OCE GTR where applicable. [Who determines what definitions are applicable?] The definitions in WHDC will be footnoted to alert the reader that changes to the WHDC definitions will have to be reevaluated as to their applicability to the OCE GTR]
- In light of R.Hubert guidance regarding the OCE scope, Chair recommends that we not use such footnotes.
 - We should minimize (eliminate if possible) cross-over considerations within gtrs.
 - Each document should stand on its own as much as possible.



B.3 “Definitions” (2)

- Defeat Strategy
 - The definition has been shortened to read
 - an emission strategy that does not meet the performance requirements for a base and/or auxiliary emission strategy as specified in this gtr.
 - The details of a BES and an AES exist in the “Performance Requirements” section.
 - The “General Requirements” section contains a prohibition against defeat strategies.
- Other changes were made for clarity without impacting content.



B.4 “General Requirements”

- Some revisions were made for clarity without impacting content.



B.5 “Performance Requirements”

- B.5.1 “Emission Strategies”
 - Earlier drafts had a very detailed definition of a defeat strategy with a prohibition against them appearing in the “General Requirements” section.
 - In Tokyo, those details were moved from the “Definitions” to the “Performance Requirements” section.



B.5 “Performance Requirements” (2)

- B.5.2 “WNTTE Limits”
 - Considerable rework for clarity.
 - Discussion of various proposals for WNTTE Limits & Components
 - $\text{WNTTE Limit} = \text{Emission Limit} + \text{WNTTE Component}$
 - We inserted the latest proposed WNTTE Limits from NL
 - We discussed rounding and units for the WNTTE limits
 - Text has been inserted to address these factors



B.6 “Ambient & Operating Conditions”

- We agreed to generate a new Figure 1 to depict ambient conditions under which the WNTE applies.
 - A new figure was inserted following Tokyo
 - This figure showed Temp vs Altitude
 - EMA has since commented that the figure should show Temp vs Pressure (see slide 17)



B.7 “WNTE Methodology”

- B.7.1 “WNTE Control Area”
 - Minor changes for clarity
 - We agreed to generate new Figures 2 & 3
 - These will be inserted for the January 2009 submission of the formal document to GRPE.
- B.7.2 “WNTE Event Duration”
 - Minor changes for clarity



B.7 “WNTE Methodology” (2)

- B.7.4 “WNTE Lab Testing”
 - We inserted new text from the European Commission
 - Considerable discussion regarding the number of cells in the grid
 - 6, 9, 12?
 - Some discussion regarding how the grid cells were to be defined
 - Lines parallel to axes or constant proportioning of WNTE zone? (see Figure 5)
- # of grid cells and their definition are issues that remained open.
 - EC has since provided more revisions to address issues that remained open following Tokyo (see slide 17)



B.7 “WNTE Methodology” (2)

- B.7.5 “WNTE Lab Test Procedure”
 - We inserted new text from the EC.
 - Minor changes for clarity.



B.8 “Deficiencies”

- We have reworked this section considerably.
 - Concept of the deficiency is explained.
 - The text now notes that Contracting Parties may wish to provide deficiency provisions in regional legislation.



B.9 “Exemptions”

- We have reworked this section considerably.
 - Concept of exemptions is explained.
 - The text now notes that Contracting Parties may wish to provide exemptions via regional legislation.



B.10 “Documentation”

- This section was reduced, with detailed documentation requirements left to regional legislation.
- The text still contains the following critical items:
 - Statement of OCE Compliance
 - An example of such a statement is provided.
 - The manufacturer must provide the statement in the application for certification or type approval.
 - Basis for the Statement of OCE Compliance
 - The manufacturer must maintain data, engineering analysis, etc., that serves as the basis for the Statement of OCE Compliance.
 - This information must be provided to authorities on request.
- EC has suggested revisions to B.10 since Tokyo (see slide 17)



Input from members following Tokyo

- Commission comments
 - Updated text for Section 7.4 (per slide 12 above)
 - Rename Section 10 (to “Statement of OCE Compliance”) and add new Section 11 (“Documentation”)
 - Other editorials
- EMA comments
 - Reorder items in Section 3.4 “Element of Design”
 - Revision to Section 5.4.1 “Requirements for BES”
 - Revision to Figure 1 (show Pressure not Altitude)
 - Specify resolution of speed & torque in Section 7.4.2
 - More specificity on time limits in Section 7.5.2
 - Evaluation of AES/BES, see Section 7.5.6



Next Steps

- Submit draft gtr to GRPE on 5 June 2008 as Informal Document
 - This is followed by document review and final preparation
- Possible meeting in conjunction with WHDC in October 2008
 - Is a meeting needed?
 - What should be our deadline to decide?
- Submit “final” gtr to GRPE in January 2009
- Possible meeting in conjunction with GRPE in January 2009
 - Should we request such a meeting on 5 June 2008?