CHARTER FOR THE WORKING GROUP ON A NEW TEST PROTOCOL FOR NRMM ENGINES

G. De Santi,
Geneva, January 2003
Legal Framework

• The test protocol will be developed as a new global technical regulation following the principles defined in Article 6.3 of the 1998 Global Agreement.
Purpose of the work

- Introduction of the transient test protocol as recognised global technical regulation under the 1998 Global Agreement.
- This process leads to a technical update of the procedure (presently under consideration in Europe, Japan and USA).
Background of work

- EPA evaluation of torque and speed behaviour of NRMM under real operation (2 papers 1999)
- Similar tests by EC DG JRC on equipment representing the EU market (June/July 2000)
- Launch of joint task force (US, EU and Japanese regulators and industry) aimed at developing a common procedure (Ann Arbor, Sept 2000)
  - Adoption of a common candidate cycle, San Antonio March 2001
  - Final report on task force results, Sept 2002
New regulation in progress

• A Transient Test Protocol for the measurement of pollutants from NRMM engines is included in a proposal by the European Commission to European Parliament and Council COM(2002)0765final
Other considerations

- No international standard available
- ISO TC 70 /SC 8 works in close collaboration with the regulators on the development of a new ISO standard
Key aspects of this work

- Collection of objective data on protocol and test cycle through engine testing*
- Consideration of economic feasibility by evaluation of the cost effectiveness of the laboratory equipment
- Verification of new global technical regulation

* Cost shared between parties involved
NRMM Engines Transient Test Protocol

Work schedule

- **March 2003**: Kick-off Meeting
- **January 2003**: GRPE Session
- **June 2003**: GRPE Session, Collection of information
- **December 2003**: Engine testing
- **January 2004**: GRPE Session
- **February 2005**: Final reporting
- **June 2004**: GRPE Session
- **October 2004**: Drafting of Regulation
Contact Points

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➢ Please indicate your intention to join the informal group before March 2003
Essential documents
