IEEE 802.17
Proposed Charter for Performance Committee

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Interim Meeting
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Where do we stand now?

- **Proposed charter and list of accomplishments posted on the reflector on April 30, 2001**
- **No concerns posted**
- **Some minor modifications made last night**

Proposed Charter …

- **Set objectives for performance analysis study cases**
- **Set parameters, metrics and framework to help provide a consistent way of comparing architectural ideas and proposals:**
  - **Traffic Models**
  - **Performance Metrics**
  - **Test Scenarios**
  - **Results format/style (Common graph/chart/data format)**
  - **Others as needed**

Proposed Charter …

- **These would be used by 802.17WG to:**
  - **Compare the performance characteristics of specific proposed RPR architectures**
  - **Compare performance characteristics of RPR vs. other relevant technologies (as and if needed)**
  - **Analyze simulations results presented in the 802.17 WG meetings**
  - **Evaluate generic technology tradeoffs**

Proposed Charter …

- **Collect simulation results (based on the parameters, scenarios and metrics provided by the perf committee)**
- **Make these simulation results available to the 802.17 WG**
- **Set up comparisons matrices between various architectural proposals and make them available to the WG**

Proposed Charter …

The Performance Committee is NOT chartered to run simulations for the working group.

Motion

Approve the formation of the performance committee for the IEEE 802.17 WG based on the charter presented on Wed (5/16/2001) by Khaled Amer and documented in file: ka_perf_charter.pdf

M: Khaled Amer S: Harmen van As

Yes: 65 No: 0 Abstain: 4

Backup charts

Simulation Framework Definition

- **A set of models used to test a protocol or algorithm within a simulated environment including:**
  - **Topology of nodes and interconnecting links with associated performance parameters (i.e. link BW)**
  - **Traffic sources**
  - **Higher and lower layer protocols and algorithms both interfacing with the protocol and algorithm under test and any other protocols or algorithms being modeled in the nodes of the topology**
  - **Output statistics**