802.3ag Rev Maintenance Revisions #6

5 Criteria
1. Broad Market Potential

   Broad set(s) of applications
   Multiple vendors, multiple users
   Balanced cost, LAN vs. attached stations

   - IEEE 802.3 will retain its Broad Market Potential after this project is complete
2. Compatibility with IEEE Standard 802.3

Conformance with CSMA/ CD MAC, PLS
Conformance with 802.2
Conformance with 802 FR

- The revision will ensure that 802.3 remains compatible with 802.2
3. Distinct Identity
Substantially different from other 802.3 specs/ solutions
Unique solution for problem (not two alternatives/ problem)
Easy for document reader to select relevant spec

- 802.3 will remain the only CSMA/CD standard
4. Technical Feasibility

Demonstrated feasibility; reports - - working models
Proven technology, reasonable testing
Confidence in reliability

• Technical feasibility has been demonstrated in the field
5. Economic Feasibility

Cost factors known, reliable data
Reasonable cost for performance expected
Total installation costs considered

- The revisions will not change the economic feasibility of the existing standard