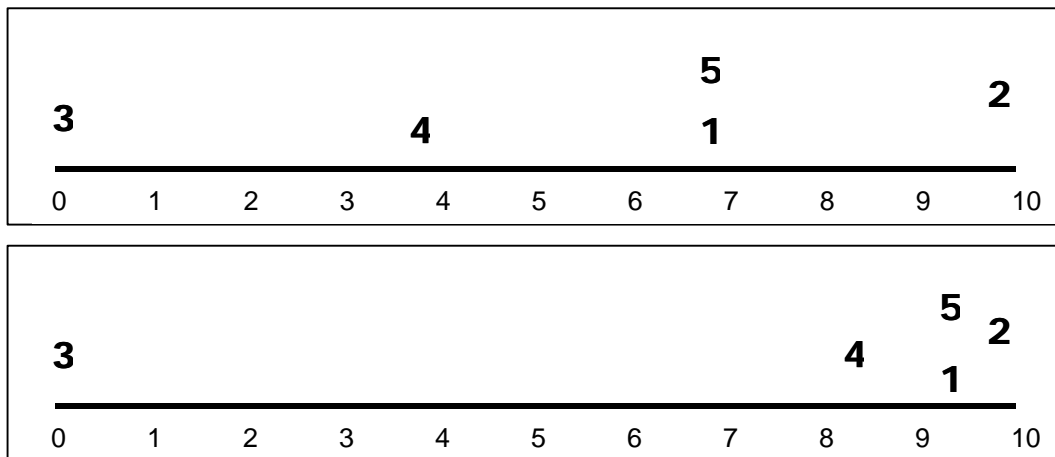# 802.3ae Survey – 7 March 2000

Objective: It has been one year since the call to interest. As we officially kick off the task force, this seems to be the appropriate time to stick our finger in the air and see which way the prevailing wind is blowing. Note: as chair, I have queried a large number of members about their perception of the state-of-mind of the committee at large. Given the breadth of responses, a large majority is wrong.

Instructions: Follow the instructions completely. If information is incomplete or incorrectly filled out, we will not compile the data. This survey is anonymous. Put nothing on the survey that gives a clue to your identity. For each question:

1. Identify from the list of choices your most and least favorite. Put the number representing your favorite on the analog line above the 10 (ten). Put your least favorite on the analog line above the 0 (zero).
2. Place your other choices on the line in the appropriate order and with the appropriate weighting. This line provides you a tool to think through your response. You can use the numbers, the words, acronyms, or anything else that will help you think through the ranking. Note the two examples below. While the order is the same, the meaning is very different:

3. You might not like the idea of putting one of the choices at one of the extremes. Tough.
4. When you think you have it the way you want it, right the number corresponding to each choice next to the choice in the choice list. This is what we will compile into the histograms. We will not try to interpret your line ranking. While you may want to put a 9.2 on one choice and a 9.4 on another, don't. Use integer numbers only. When these are compiled for the expected 200 or so expected surveys, that decimal level detail will only be noise.
5. As in the examples above, you may have multiple choices with the same value.
6. Ways to disqualify your input:
    a. Don't have a zero (0) on each question
    b. Don't have a ten (10) on each question
    c. Leave out one of the choices
    d. Modify the choice definitions
    e. Ridicule the chair for attempting this style of survey ☺

In case it isn't obvious, the actual survey is on the other side.

Question 1: Rank the following choices for an 802.3ae PHY.
For this exercise, ignore that fact that we already have an objective to do both LAN and WAN PHY types. Simply express your current thinking.

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│  0    1    2    3    4    5    6    7    8    9    10   │
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1. ___ Only a WAN PHY (WAN ONLY)
2. ___ Only a LAN PHY (LAN ONLY)
3. ___ Independently optimized LAN and WAN PHYs (Separate WAN/LAN)
4. ___ A UniPHY with no cost premium over another solution (UNIPHY-0%)
5. ___ A UniPHY with no more than a 10% premium over another solution (UNIPHY-10%)
6. ___ A UniPHY with no more than a 20% premium over another solution (UNIPHY-20%)
7. ___ A UniPHY with no more than a 40% premium over another solution (UNIPHY-40%)

Question 2: Rank the criteria you would use for selecting a PHY proposal for inclusion into the 802.3ae standard.

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1. ___ Cost
2. ___ Risk
3. ___ Time to Market
4. ___ 802.3ae Standard's Complexity
5. ___ Implementation Complexity
6. ___ Compatibility with existing logic parts (e.g. SONET framers)
7. ___ Compatibility with existing optical parts (e.g. lasers)
8. ___ Compatibility with the exiting MAC definition
9. ___ Common use across industry (e.g. Fibre Channel, Infiniband)
10. ___ Multivendor support
11. ___ Manufacturability
12. ___ Licensing costs

In case it isn't obvious, the instructions are on the other side.