Electronic Market-based Decision Support

DARPA SBIR Project Update - December 14, 2001

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1. Review Technology Progress
   
a. User-Directed Relationships – Are considering two approaches:
      
i. Users bid for combinations of assets, system adds in new assets
      
ii. All assets are always there, a market maker ensures offers on all

Will compare in lab: doing simple environment first, then complex

b. Robustness to Manipulation – How easily can interested parties bias estimates? Will examine in simple lab experiment.

2. Discuss Field Experiment Challenges – What is target maturity level?
   
a. Secrecy – Can that be each trader’s responsibility?

b. Status-Quo Institution – Is it enough to survey traders?

c. Neutral Judges – How many relevant events can we get 3rd party to judge?


e. Organization Barriers to Payment – Can contingent $ go between orgs?

f. Inducing Trading – Up-front or per-trade subsidy? Hold conference?

g. Soliciting Customer Sign-on – Should we wait until have more to show?