IEEE 802.3 bu Power Ad Hoc Questions

		question for bu Task Force	question for Automotive Users	Yes	No	Min	Typical if applicable or desireable	Max	Units	Coments
A	**Wire Size**									
A1	What is the minimum and maximum wire diameter that will work for the data path?	☑							Specify	
A2	What is the minimum and maximum wire diameter that will work for the manufacturing environment?		☑						Specify	
B	**Data Channel EMI, EMC, Suseptability**									
B1	What is the sepctral noise mask?	☑						attachment	Specify	Attach appripriate document mask
B2	What is the minimum impedance vs. frequency allowed?	☑				attachment			Specify	Attach appripriate document
B3	What is the maximum spectral noise allowed?		☑					attachment	Specify	Attach appripriate document
C	**Power**									
C1	What is the maximum power requirement invesioned today?		☑						W	
D	**Voltage**									
D1	What are the minimum and maximum operating voltage requirements?		☑						V	
D2	What are the Absolute Maximum, ABSMAX, minimum (may be negative) and maximum voltage requirements?		☑						V	
D3	Do you invesion multiple output voltages now or in the future?		☑	☐ ☐						
E	**Saftey**									
E1	Do you require or desire short circuit protection on each power channel?		☑	☐ ☐						
E2	Do you require a physical fuse on each power channel?		☑	☐ ☐						
E3	Do you desire fuseless or additional short circuit protection? (e.g. the channel will have an adjustable current limit with foldback protection)		☑	☐ ☐						
E4	What is the maximum desired time between short circuit detection to voltage fold back?		☑						mSeconds	
E5	What is the maximum desired time between short circuit detection and complete power removal?		☑						mSeconds	
E6	Do you desire over voltage protection?		☑	☐ ☐						
F	**System Monitoring**									
F1	Do you desire Current Monitoring		☑	☐ ☐						
F2	Do you desire Voltage Monitoring		☑	☐ ☐						
G	**System Control**									
G1	Do you desire per channel control of turn-on or turn-off		☑	☐ ☐						
H	**Use Models**									
H1	What is the maximum time from power applied to the PSE (ECU?) to power applied to the PD?		☑					100	mSeconds	