



CARDEROCK DIVISION  
NAVAL SURFACE WARFARE CENTER



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**SUBJECT: TVSSs for new Shaft Speed system**

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Dave,

Our new Shaft Speed Indication System installation was a success! We installed the whole system 10 weeks ahead of schedule under Commanding Officer's request as sailing without working indication was a safety issue. I would like to thank you for expediting the TVSSs to us to make the accelerated installation schedule.

In my personal opinion, I believe MIL-STD-1399 Sec 300A is a bare minimum. Other people in my office are slowly starting to realize that not using a TVSS is not an option. Last week, somebody in the office unplugged and replugged in 6 desktop computers. All surge suppressors blew as well as the 6 computers will not even power up now. They are starting to see the light.

This Shaft Speed system was my first own design. I assure you that all of my future designs will require TVSSs. And I'll make sure the National Stock Number points to ITD.

Thanks for your help,

Mike