

VME BPM - Task #16577

Milestone # 16570 (New): Improvements for auto-tune operation

Improve error handling of CAN bus communication

05/17/2017 11:27 AM - John Diamond

Status:	New	Start date:	05/17/2017
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Description			
Provide better support for handling errors that occur during CAN communication. See also: #16575 .			

History

#1 - 04/12/2018 09:10 AM - John Diamond

I found the following on sbpmf1 this morning. Troy had reported that the attenuators were not being set at the beginning of the spill and this would seem to be what was preventing that:

```
Exception in Controller::show()!  
S_iosLib_INVALID_FILE_DESCRIPTOR  
value = -1 = 0xffffffff  
sbpmf1:vmebpm> 0xf243f10 (tShell): CANBus::Write( timeout, 0x0000ffff, 1, 0, 0xffffffffffffffff ) on ██████████  
0  
xf243f10 (tShell): ERROR: CANBus::Write() - TD  
RV011_WRITE failure errno: S_iosLib_INVALID_FILE_DESCRIPTOR, CAN status: 0x15000003 on ██████████  
</pr>
```