**FINAL\_VALUE\_x  from Write\_Handler\_PTB() to sending HART command**

Project TFS path: $/FW SVI FF Releases/Release1/FD-SW

Project Change Set: 34879

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| Containing file | | FD-SW\target\appl\fdev\src\mntbmspff.c | Review Date | Reviewer |
| Function or data | | ffmansp\_SendManualSetpoint( ) | 03/20/2014 | VICTORIA |
|  | | | | |
| TFS wit |  | NO FINDINGS | | |
| Impact | |  | | |
| Resolution | |  | | |
| Function or data | | ffmansp\_WriteManualSetpoint( ),  ffmansp\_WriteManualSetpointD( ), ffmansp\_WriteManualSetpointDINT( ) | 03/20/2014 | VICTORIA |
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| TFS wit |  | Line127, 133, 179, 185, 234, 240 the function standard function memcpy( ).  The three functions are almost the same, we can merge them together. | | |
| Impact | |  | | |
| Resolution | | Use a wrapper function mn\_memcpy( ) | | |

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| Containing file | | FD-SW\target\appl\fdev\src\mnptbexec.c | Review Date | Reviewer |
| Function or data | | tb\_PositionSp ( ), ignore\_count, tb\_BoolSp( ), tb\_IntSp( ) | 03/20/2014 | VICTORIA |
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| TFS wit |  | Static variable ignore\_count in line 30, 78, 124. | | |
| Impact | |  | | |
| Resolution | | We should define the static variable out of function. | | |

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| Containing file | | FD-SW\target\appl\fdev\src\appl\_ptb.c | Review Date | Reviewer |
| Function or data | | Appl\_check\_channel\_unit ( ), aofb\_start | 03/20/2014 | VICTORIA |
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| TFS wit |  | Static variable aofb\_start define in function in line 485 | | |
| Impact | |  | | |
| Resolution | | We should define the static variable out of function. | | |

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| Containing file | | FD-SW\target\appl\fdev\src\mnctllimff.c | Review Date | Reviewer |
| Function or data | | ffctllim\_WriteCutoffHi ( ), ffctllim\_WriteCutoffLo( ) | 03/20/2014 | VICTORIA |
|  | | | | |
| TFS wit |  | Line 114, if (\*p\_write->source != FALSE)  The source have more than one byte, not clear here.  Same problem in line 197.  Line 121 util\_PutFloat(s->TightCutOff[0], mn\_pull\_float(p\_write->source+1));  Here “+1” will confused us, how we know the number if we don’t check the structure?  Same problem in line 203  Line 157  if (appl\_check\_hm\_state() == HM\_RUN )  {  p\_write\_loc.startup\_sync = FALSE;  } else  {  p\_write\_loc.startup\_sync = TRUE;  }  No use and may be caused problem based on Ark’s suggestion.  Same problem in line 238 | | |
| Impact | |  | | |
| Resolution | | Function Head is not clear. The line 114/197, we should use clear define. Line 121/203, we should not use hard code. The line 157/238 should be deleted. | | |
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| Function or data | | ctllim\_Populate( ) | 03/20/2014 | VICTORIA |
|  | | | | |
| TFS wit |  | Use memcopy( ) in line 53 | | |
| Impact | |  | | |
| Resolution | | Function Head is not clear. Should use mn\_memcopy( ) | | |
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| Function or data | | ffctllim\_ReadControlLimits ( ) | 03/20/2014 | VICTORIA |
|  | | | | |
| TFS wit |  | NO FINDINGS | | |
| Impact | |  | | |
| Resolution | | Function has no head. | | |
| Function or data | | ffctllim\_WriteControlLimits ( ) | 03/20/2014 | VICTORIA |
|  | | | | |
| TFS wit |  | if (appl\_check\_hm\_state() == HM\_RUN )  {  p\_write\_loc.startup\_sync = FALSE;  } else  {  p\_write\_loc.startup\_sync = TRUE;  }  Line 364,376 has the same code need to be deleted. | | |
| Impact | |  | | |
| Resolution | | Function has no head. Delete the unnecessary code. | | |