

CONFIGURATION CHANGE REQUEST (CCR) Part A		CCR SEQUENCE NUMBER
<b>1. BASIS FOR CCR</b> <input type="checkbox"/> CORRECTIVE <input type="checkbox"/> PROBLEM PREVENTION <input checked="" type="checkbox"/> IMPROVEMENT		<b>2. SUBMITTING AUTHORITY (Name &amp; Org Code)</b> Mark Hall OAR/ATDD
		<b>3. PHONE NUMBER</b> 865-576-0366
		<b>4. SUBMISSION DATE</b> November 28, 2006
<b>5. COGNIZANT TECHNICAL INDIVIDUAL</b> Mark Hall		<b>6. PHONE NUMBER</b> 865-576-0366
<b>7. TITLE OF CHANGE</b> PRT Bridge Resistor change from 1K to 10K		
<b>8. TYPE OF CHANGE</b> <input checked="" type="checkbox"/> HARDWARE <input type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY		<b>9. EFFECTIVITY</b> <input checked="" type="checkbox"/> SYSTEM <input type="checkbox"/> SPECIFIC SITE
<b>10. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY</b> The USCRN network uses a 1K 10ppm/C bridge resistor as part of the temperature measurement. The maximum error related to the datalogger inaccuracies and the temperature coefficient of this resistor is now .457 degrees C.		
<b>11. KNOWN OR PROPOSED SOLUTION</b> Analysis has shown that the maximum error related to datalogger inaccuracies and the temperature coefficients of the bridge resistor can be reduced by using a 10K 2ppm/C resistor to .168 degrees C.		
<b>12. REQUIRED CHANGE DATE</b>		<b>13. RATIONALE FOR REQUIRED CHANGE DATE</b>
<b>14. RISK FACTOR FOR CHANGE</b> <input checked="" type="checkbox"/> LOW <input type="checkbox"/> MEDIUM <input type="checkbox"/> HIGH		<b>15. DECISION AUTHORITY LEVEL</b> <input type="checkbox"/> FAST TRACK (* e.g.; correct documentation) <input type="checkbox"/> USCRN CCB ONLY <input type="checkbox"/> PMC
<b>16. USCRN CCB DISPOSITION</b> <input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED <input type="checkbox"/> RECOMMEND APPROVAL		<b>16. AUTHORIZING SIGNATURE</b>
		<b>18. DISPOSITION DATE</b>
<b>19. PMC DISPOSITION</b> <input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		<b>20. AUTHORIZING SIGNATURE</b>
		<b>21. DISPOSITION DATE</b>

CONFIGURATION CHANGE REQUEST (CCR) Part B		CCR SEQUENCE NUMBER	
1. APPROVED SOLUTION			
2. WORK AUTHORIZATION NUMBER		3. ASSIGNED ACTION ENGINEER	
FUNDING INFORMATION		FUNDING SOURCE	COST DATA
4.	DEVELOPMENT COSTS	Already done	
5.	OPERATIONAL TEST AND EVALUATION COSTS	Already done	
6.	PRODUCTION COSTS	\$20 in hardware and \$75 in labor per site, to be included as part of the AMV process	
7.	COMMUNICATION SERVICE/CIRCUIT COSTS		
8.	IMPLEMENTATION SUPPORT COSTS		
9.	LIFE CYCLE SUPPORT COSTS		
10.	TOTAL ESTIMATED COSTS		
SUPPORT INFORMATION AND SCHEDULES			
11. DEVELOPMENT SCHEDULE & STATUS Could be implemented immediately		12. PROCUREMENT SCHEDULE & STATUS	
13. IMPLEMENT/RETROFIT SCHEDULE & STATUS To be completed in the network as part of the AMV process, and will be fully implemented in one year or three years, depending upon a decision to replace all three PRT's on the next AMV, or only replace one PRT per visit for three years.		14. REQUIRED CLEARANCES/WAIVERS/LICENSES	
15. PHYSICAL ITEMS & DOCUMENTS AFFECTED		16. LOGISTICS IMPACTS	
17. OPERATIONS IMPACTS		18. STAFF RESOURCES IMPACTS	
IMPLEMENTATION			
19. PLANNED IMPLEMENTATION DATE		20. CHANGE NOTICE NUMBER	
21. CHANGE NOTICE ISSUE DATE		22. CHANGE COMPLETION DATE	

