

CONFIGURATION CHANGE REQUEST (CCR) Part A		CCR SEQUENCE NUMBER 32	
1. BASIS FOR CCR <input type="checkbox"/> CORRECTIVE <input type="checkbox"/> PROBLEM PREVENTION <input checked="" type="checkbox"/> IMPROVEMENT		2. SUBMITTING AUTHORITY (Name & Org Code) Bruce Baker, NCDC	
		3. PHONE NUMBER 828-271-4018	4. SUBMISSION DATE 3/27/07
5. COGNIZANT TECHNICAL INDIVIDUAL Mark Hall, ATDD		6. PHONE NUMBER 865-576-0366	
7. TITLE OF CHANGE Install relative humidity sensor all sites .			
8. TYPE OF CHANGE <input checked="" type="checkbox"/> HARDWARE <input type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY		9. EFFECTIVITY <input checked="" type="checkbox"/> SYSTEM <input type="checkbox"/> SPECIFIC SITE	
10. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY The baseline configuration of the CRN system did not include relative humidity sensors. A desirable enhancement of CRN would be to include relative humidity information in the data stream for climate studies.			
11. KNOWN OR PROPOSED SOLUTION The installation of relative humidity sensors will provide additional useful information in the data stream. Datalogger software version 1.303 will support the inclusion of the relative humidity readings in the data stream. That software is currently deployed at the two Asheville, NC CRN sites, and relative humidity sensors have been installed.			
12. REQUIRED CHANGE DATE May 1, 2007		13. RATIONALE FOR REQUIRED CHANGE DATE .	
14. RISK FACTOR FOR CHANGE <input type="checkbox"/> LOW <input checked="" type="checkbox"/> MEDIUM <input type="checkbox"/> HIGH		15. DECISION AUTHORITY LEVEL <input type="checkbox"/> FAST TRACK (* e.g.; correct documentation) <input checked="" type="checkbox"/> USCRN CCB ONLY <input type="checkbox"/> PMC	
16. USCRN CCB DISPOSITION <input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED <input type="checkbox"/> RECOMMEND APPROVAL		16. AUTHORIZING SIGNATURE	
		18. DISPOSITON DATE	
19. PMC DISPOSITION <input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		20. AUTHORIZING SIGNATURE	
		21. DISPOSITION DATE	

CONFIGURATION CHANGE REQUEST (CCR) Part B		CCR SEQUENCE NUMBER	
		32	
1. APPROVED SOLUTION			
2. WORK AUTHORIZATION NUMBER		3. ASSIGNED ACTION ENGINEER	
FUNDING INFORMATION		FUNDING SOURCE	COST DATA
Recurring costs per year - calibration \$12,000			
4. DEVELOPMENT COSTS		none	
5. OPERATIONAL TEST AND EVALUATION COSTS		completed	
6. PRODUCTION COSTS (assume 114 sites)		CRN	\$3100/site Purchase, Calibration and install
7. COMMUNICATION SERVICE/CIRCUIT COSTS		none	
8. IMPLEMENTATION SUPPORT COSTS		none	
9. LIFE CYCLE SUPPORT COSTS		Spares @10% of network	\$29,000.00
10. TOTAL ESTIMATED COSTS			\$377,000.00
SUPPORT INFORMATION AND SCHEDULES			
11. DEVELOPMENT SCHEDULE & STATUS		12. PROCUREMENT SCHEDULE & STATUS	
Contingent on funding. Installation can be accomplished during routine annual maintenance visits (AMV).		Eighteen sensors have been procured, additional sensor procurement contingent on funding..	
13. IMPLEMENT/RETROFIT SCHEDULE & STATUS		14. REQUIRED CLEARANCES/WAIVERS/LICENSES	
Relative humidity sensors are already installed at 2 sites (both Asheville, NC sites).			
15. PHYSICAL ITEMS & DOCUMENTS AFFECTED		16. LOGISTICS IMPACTS	
17. OPERATIONS IMPACTS		18. STAFF RESOURCES IMPACTS	
IMPLEMENTATION			
19. PLANNED IMPLEMENTATION DATE		20. CHANGE NOTICE NUMBER	
		CRN-CCR22	

21. CHANGE NOTICE ISSUE DATE	22. CHANGE COMPLETION DATE
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