

TC9.9 - Building Commissioning Research Subcommittee Report

February 2000, Dallas
Kristin Heinemeier
Acting at Dallas: Dave Shipley

| Item* | WS No. | Project Title | Co-Sponsor TC | Research Plan Written | Work Statement Written | WS Approve by TC9.9 | WS to RAC | WS Approval by RAC |
|--|---------|--|-----------------|-----------------------|------------------------|---------------------|-----------|--|
| 1 Ken Peet Dave Shipley Carl Lawson | N/A | The impact of commissioning HVAC systems on life cycle costs* | TC1.8, 1.7 | Yes | Yes | ----- | ----- | ----- |
| 2 Dave Shipley Kristin Heinemeier Jim Gartner | 1115 WS | Identification of ideal monitoring data points for commissioning support during HVAC design (concurrent engineering) | TC1.4, 1.7, 4.6 | Yes | Yes | Yes | Yes | Rejected by Tech Council. Revisions to be considered in June 2000. |
| 3 Jim Gartner need main author | N/A | The building automation system's role in commissioning of HVAC systems (sharing data and simulation results) | TC1.4 | Yes | No | ----- | ----- | ----- |
| 4 Tom Tamblyn | N/A | Diagnostic tools for maintenance, operating and commissioning cost optimization | TC1.8, 1.7 | Yes | No | ----- | ----- | ----- |
| 5 Dave | N/A | Development and | TC4.6 | Yes | ----- | ----- | ----- | ----- |

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|---|-----|---|--|----|-------|-------|-------|-------|
| Shipley Rich Hackner Mike Brandemuehl | | Implementation of Commissioning Strategies for Optimal Control Evaluation | | | | | | |
| Elia Sterling | N/A | Evaluation of standards 90.1 and 62 requirements and development of commissioning techniques for compliance | | No | ----- | ----- | ----- | ----- |
| J R Anderson | N/A | The Role of Building Performance Prediction in Commissioning | | No | ----- | ----- | ----- | ----- |
| J R Anderson | N/A | The Role of Commissioning in Due Diligence in Financial Evaluations of Buildings | | No | ----- | ----- | ----- | ----- |
| GPC-1 | N/A | A Placeholder for Research Gaps Identified by GPC-1 | | No | ----- | ----- | ----- | ----- |
| Dave Shipley | N/A | The Impact of Commissioning on Comfort | | No | ----- | ----- | ----- | ----- |
| Ken Gillespie | N/A | Commissioning protocol for energy management systems | | No | ----- | ----- | ----- | ----- |

* The Committee's previous #1 ranked project, 1032-WS, has been removed from the priority list, because it was put out to bid by ASHRAE. All other project plans and work statements have been moved up in priority accordingly.