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| Design Review Script | |
| Purpose | To guide you in reviewing detailed designs |
| Entry Criteria | * Completed program design ***documented with the PSP Design templates*** * Design Review checklist * Design standard * Defect Type standard * Time and Defect Recording logs |
| General | Where the design was previously verified, check that the analyses   * covered all of the design * were updated for all design changes * are correct * are clear and complete |

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| Step | Activities | Description |
| 1 | Preparation | * Examine the program and checklist and decide on a review strategy. * ***Examine the program to identify its state machines, internal loops, and variable and system limits.*** * ***Use a trace table or other analytical method to verify the correctness of the design.*** |
| 2 | Review | * Follow the Design Review checklist. * Review the entire program for each checklist category; do not try to review for more than one category at a time! * Check off each item as you complete it. * Complete a separate checklist for each product or product segment reviewed. |
| 3 | Fix Check | * Check each defect fix for correctness. * Re-review all changes. * Record any fix defects as new defects and, where you know the defective defect number, enter it in the fix defect space. |

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| Exit Criteria | * A fully reviewed detailed design * One or more Design Review checklists for every design reviewed * ***Documented design analysis results*** * All identified defects fixed and all fixes checked * Completed Time and Defect Recording logs |