Supporting Documentation for C950

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**A:ALGORITHM IDENTIFICATION**

Stuff

**B1:LOGIC COMMENTS**

Placeholder

**B2:DEVELOPMENT ENVIRONMENT**

**B3:SPACE-TIME AND BIG-O**

**B4:SCALABILITY AND ADAPTABILITY**

**B5:SOFTWARE EFFICIENCY AND MAINTAINABILITY**

**B6:SELF-ADJUSTING DATA STRUCTURES**

**C:ORIGINAL CODE**

**C1:IDENTIFICATION INFORMATION**

**C2:PROCESS AND FLOW COMMENTS**

**D:DATA STRUCTURE**

**D1:EXPLANATION OF DATA STRUCTURE**

**E:HASH TABLE**

**F:LOOK-UP FUNCTION**

**G:INTERFACE**

**G1:FIRST STATUS CHECK**

**G2:SECOND STATUS CHECK**

**G3:THIRD STATUS CHECK**

**H:SCREENSHOTS OF CODE EXECUTION**

**I1:STRENGTHS OF THE CHOSEN ALGORITHM**

**I2:VERIFICATION OF ALGORITHM**

**I3:OTHER POSSIBLE ALGORITHMS**

**I3A:ALGORITHM DIFFERENCES**

**J:DIFFERENT APPROACH**

**K1:VERIFICATION OF DATA STRUCTURE**

**K1A:EFFICIENCY**

**K1B:OVERHEAD**

**K1C:IMPLICATIONS**

**K2:OTHER DATA STRUCTURES**

**K2A:DATA STRUCTURE DIFFERENCES**

**L:SOURCES**

**M:PROFESSIONAL COMMUNICATION**