COSTMODL
A SOFTWARE DEVELOPMENT COST ESTIMATING TOOL
DEVELOPED BY
THE
NASA JOHNSON SPACE CENTER

BERNIE ROUSH
BILL REINI
NOVEMBER 3, 1987

MISSION PLANNING AND ANALYSIS DIVISION
ESTIMATING MODELS INCLUDED:

   BASIC COCOMO
   INTERMEDIATE COCOMO
   KISS
MAJOR FEATURES:

FULLY MENU DRIVEN USER INTERFACE

ALL MENU SELECTIONS BY CURSOR KEYS, MOUSE, OR OPTION I.D.

DIRECT FUNCTION KEY ACCESS TO MAJOR PROGRAM FUNCTIONS

CONTEXT-SENSITIVE HELP AT ALL TIMES

INPUT/OUTPUT FIELD DEFINITIONS

PROGRAM USAGE INSTRUCTIONS

MODEL USAGE AND DEFINITIONS
MAJOR FEATURES: (CONT’D)

DATA INTERFACE TO OTHER PROGRAMS (DATA BASE MANAGERS, ETC.)

MULTIPLE CALIBRATION TABLES (MENU SELECTABLE)

USER CREATION / MAINTENANCE OF CALIBRATION TABLES
(ACCESSIBLE UNDER PASSWORD PROTECTION)

USER OVERRIDES OF CALIBRATION VALUES AT RUN TIME

USER OVERRIDES OF ANY PREDEFINED COST DRIVER VALUE

WHAT-IF EXECUTION (AS IN LOTUS, ETC.)
MAJOR FEATURES: (CONT’D)

ON-LINE RETENTION OF MULTIPLE PROJECTS

MULTIPLE CHECK-POINT DATA FILES PER PROJECT

AUTOMATIC CONVERSION OF DATA FILES ACROSS MODELS

AUTOMATIC UPDATE OF OLD DATA FILES TO CURRENT VERSION

AUTOMATIC PROTECTION FROM ACCIDENTAL DATA LOSS

AUTOMATIC GENERATION OF BASIC PROJECT ORGANIZATION CHARTS
POSSIBLE FUTURE ENHANCEMENTS:

- STOCHASTIC OR MONTE CARLO FRONT END
- INTEGRATION FACTOR
- DATA EXPORT TO LOTUS, DBASEIII, ETC.
- USER-SELECTABLE PRINTED REPORTS
- AUTOMATIC CALIBRATION OF NOMINAL EFFORT EQUATIONS TO THE INSTALLATION'S EXPERIENCE
- DETAILED COCOMO MODEL